

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081492.D
 Acq On : 20 Mar 2024 14:35
 Operator : JC\MD
 Sample : VN0320WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2024
 Supervised By : Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:19:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	429414	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	730721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	640687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	303057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	266116	48.595	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.200%		
35) Dibromofluoromethane	8.165	113	223082	48.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	10.565	98	816201	48.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.847	95	280914	47.823	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	106793	18.470	ug/l	99
3) Chloromethane	2.359	50	101972	17.713	ug/l	97
4) Vinyl Chloride	2.518	62	114995	17.799	ug/l	92
5) Bromomethane	2.965	94	79500	17.399	ug/l	92
6) Chloroethane	3.124	64	74727	16.846	ug/l	95
7) Trichlorofluoromethane	3.500	101	184724	19.184	ug/l	87
8) Diethyl Ether	3.965	74	65826	20.657	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	107304	19.613	ug/l #	87
10) Methyl Iodide	4.595	142	102882	18.883	ug/l	97
11) Tert butyl alcohol	5.518	59	81803	85.719	ug/l #	90
12) 1,1-Dichloroethene	4.347	96	95749	18.894	ug/l	88
13) Acrolein	4.177	56	102144	119.280	ug/l	97
14) Allyl chloride	5.030	41	124575	19.617	ug/l #	86
15) Acrylonitrile	5.718	53	227163	88.977	ug/l	98
16) Acetone	4.424	43	153598	86.790	ug/l	94
17) Carbon Disulfide	4.712	76	260866	17.938	ug/l #	95
18) Methyl Acetate	5.018	43	107366	19.678	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	314213	19.811	ug/l	99
20) Methylene Chloride	5.277	84	107999	18.630	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	106622	18.869	ug/l	90
22) Diisopropyl ether	6.671	45	302402	20.495	ug/l #	91
23) Vinyl Acetate	6.606	43	1129982	96.213	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	187119	18.934	ug/l	96
25) 2-Butanone	7.483	43	269495	88.781	ug/l	92
26) 2,2-Dichloropropane	7.488	77	173828	20.280	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	122574	19.172	ug/l	86
28) Bromochloromethane	7.812	49	70815	17.593	ug/l #	52
29) Tetrahydrofuran	7.835	42	186506	91.204	ug/l #	80
30) Chloroform	7.965	83	203487	19.234	ug/l	100
31) Cyclohexane	8.253	56	163936	18.397	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	185761	19.353	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	149402	19.251	ug/l	94
37) Ethyl Acetate	7.565	43	121531	18.288	ug/l	99
38) Carbon Tetrachloride	8.365	117	162775	19.146	ug/l	95
39) Methylcyclohexane	9.606	83	174705	20.158	ug/l	87
40) Benzene	8.606	78	448482	19.766	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	64832	18.447	ug/l	91
42) 1,2-Dichloroethane	8.671	62	151463	18.969	ug/l	100
43) Isopropyl Acetate	8.688	43	209006	18.974	ug/l #	94
44) Trichloroethene	9.353	130	121919	19.105	ug/l	85
45) 1,2-Dichloropropane	9.624	63	107305	19.514	ug/l	96
46) Dibromomethane	9.712	93	78472	18.792	ug/l #	87
47) Bromodichloromethane	9.888	83	155188	19.008	ug/l #	99
48) Methyl methacrylate	9.682	41	94863	18.671	ug/l #	85
49) 1,4-Dioxane	9.694	88	38846	318.145	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	606929	90.294	ug/l	92
52) Toluene	10.629	92	271739	18.843	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	166375	18.871	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	182918	19.351	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	107770	18.569	ug/l	96
56) Ethyl methacrylate	10.876	69	148355	18.701	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	182298	19.161	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	351016	96.121	ug/l #	86
59) 2-Hexanone	11.194	43	441263	88.792	ug/l	92
60) Dibromochloromethane	11.359	129	116007	18.175	ug/l	97
61) 1,2-Dibromoethane	11.471	107	108776	18.384	ug/l	94
64) Tetrachloroethene	11.100	164	118412	19.335	ug/l	89
65) Chlorobenzene	11.894	112	288859	19.072	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	112199	19.987	ug/l	97
67) Ethyl Benzene	11.965	91	520659	19.790	ug/l	99
68) m/p-Xylenes	12.071	106	397028	40.254	ug/l	96
69) o-Xylene	12.400	106	191250	19.752	ug/l	96
70) Styrene	12.412	104	313063	20.047	ug/l	95
71) Bromoform	12.576	173	76732	18.190	ug/l #	96
73) Isopropylbenzene	12.694	105	509966	19.741	ug/l	97
74) N-amyl acetate	12.494	43	169983	18.183	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	138214	18.197	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	129209m	17.824	ug/l	
77) Bromobenzene	12.982	156	117563	18.423	ug/l	71
78) n-propylbenzene	13.035	91	593219	19.445	ug/l	96
79) 2-Chlorotoluene	13.123	91	348626	19.093	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	423799	19.862	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	48075	17.921	ug/l	92
82) 4-Chlorotoluene	13.223	91	346036	19.222	ug/l	94
83) tert-Butylbenzene	13.441	119	360526	19.595	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	432287	20.158	ug/l	97
85) sec-Butylbenzene	13.617	105	517902	19.690	ug/l	93
86) p-Isopropyltoluene	13.729	119	430977	20.045	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	222603	18.986	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	223187	18.384	ug/l	97
89) n-Butylbenzene	14.059	91	363010	19.040	ug/l	97
90) Hexachloroethane	14.335	117	78171	19.197	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	216732	19.206	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29131	18.022	ug/l	65
93) 1,2,4-Trichlorobenzene	15.394	180	126309	19.358	ug/l	99
94) Hexachlorobutadiene	15.506	225	51144	17.864	ug/l	99
95) Naphthalene	15.641	128	417154	19.730	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	125188	19.074	ug/l	98

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ClientSampleId :
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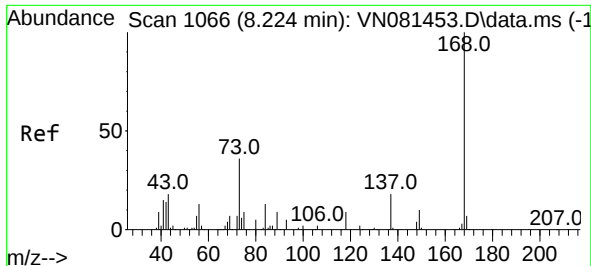
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

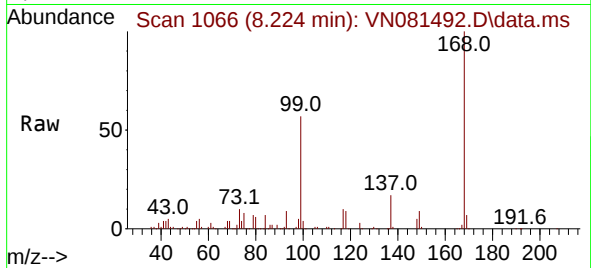
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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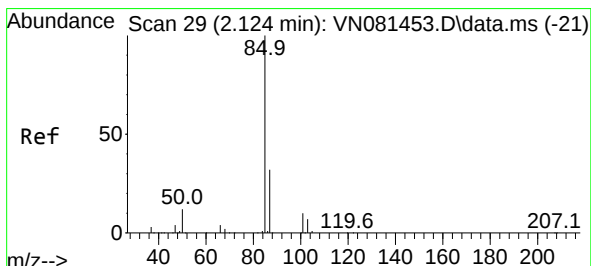
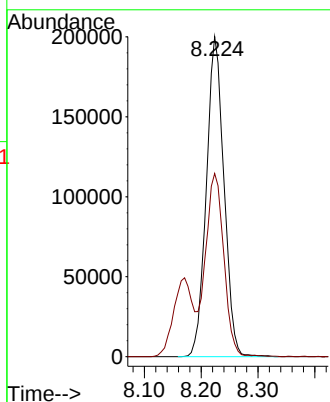
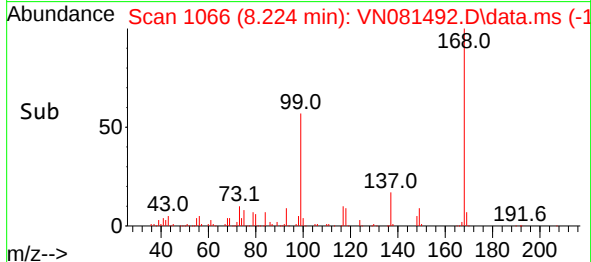
Instrument :
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ClientSampleId :
VN0320WBSD01



Tgt Ion:168 Resp: 429414
Ion Ratio Lower Upper
168 100
99 57.1 59.9 89.9

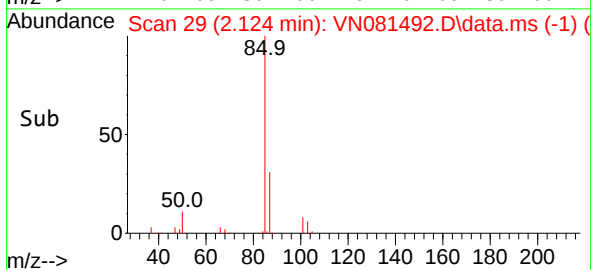
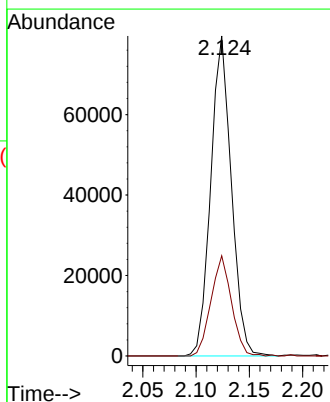
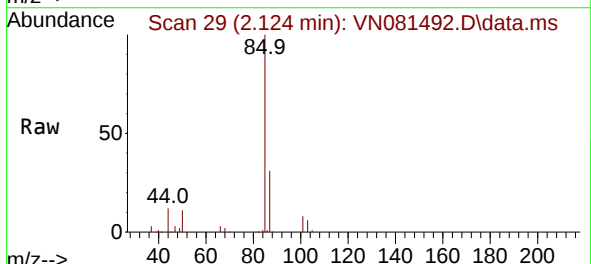
Manual Integrations
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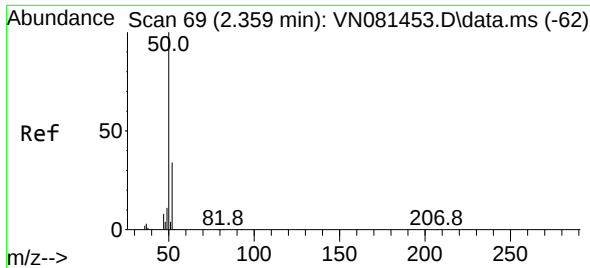
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#2
Dichlorodifluoromethane
Concen: 18.470 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

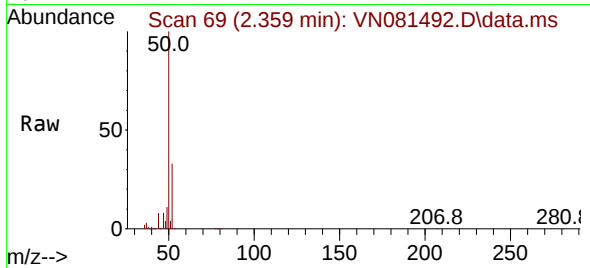
Tgt Ion: 85 Resp: 106793
Ion Ratio Lower Upper
85 100
87 31.3 15.3 45.9





#3
Chloromethane
Concen: 17.713 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

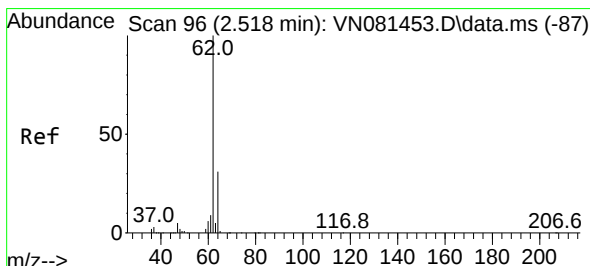
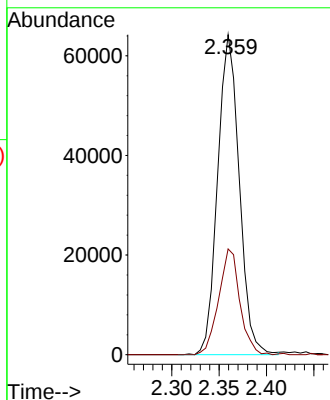
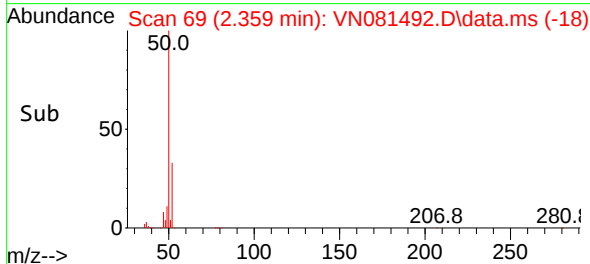
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ClientSampleId :
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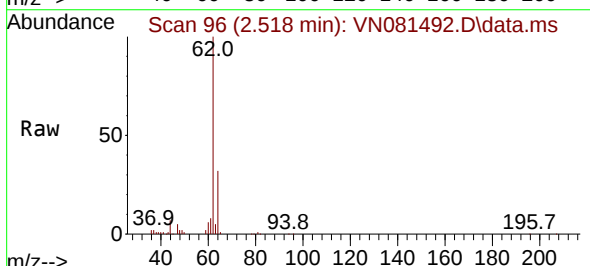
Tgt Ion: 50 Resp: 101972
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

Manual Integrations
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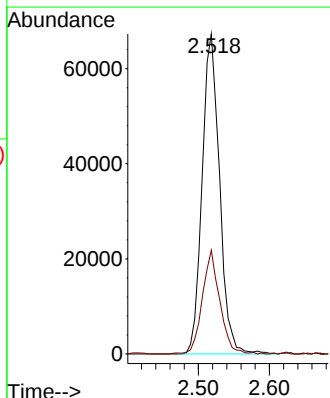
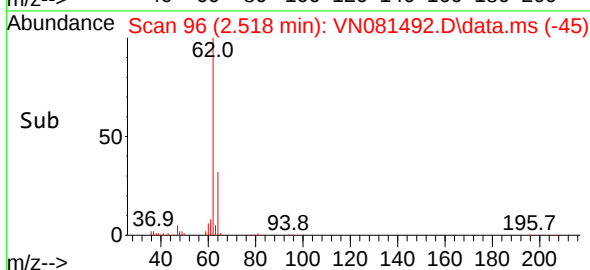
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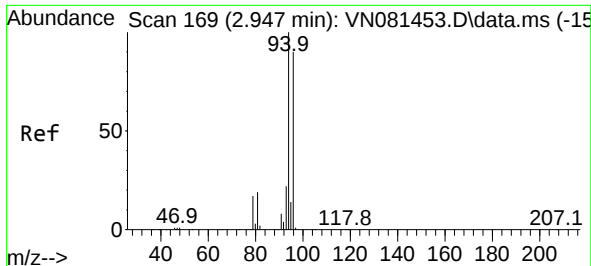


#4
Vinyl Chloride
Concen: 17.799 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35



Tgt Ion: 62 Resp: 114995
Ion Ratio Lower Upper
62 100
64 32.4 22.7 34.1





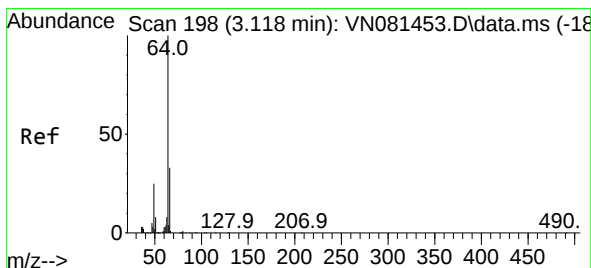
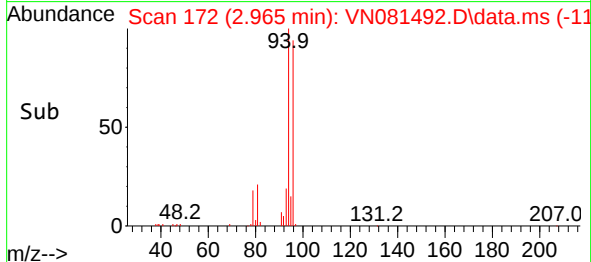
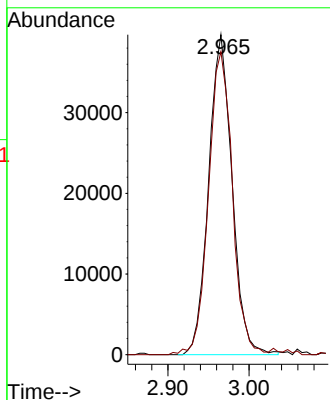
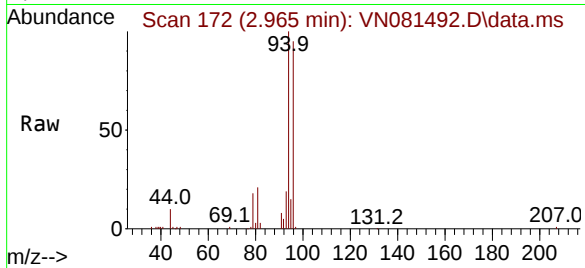
#5
Bromomethane
Concen: 17.399 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Instrument :
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Tgt Ion: 94 Resp: 79500
Ion Ratio Lower Upper
94 100
96 94.2 69.2 103.8

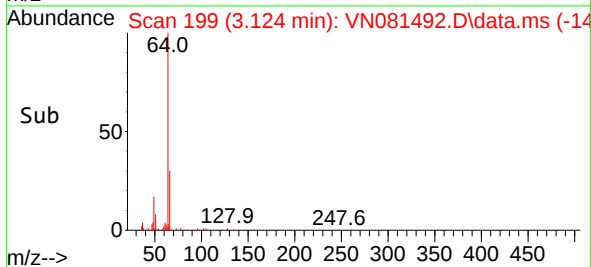
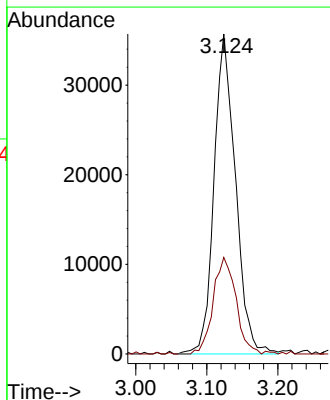
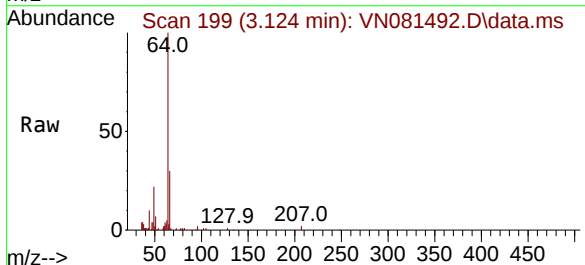
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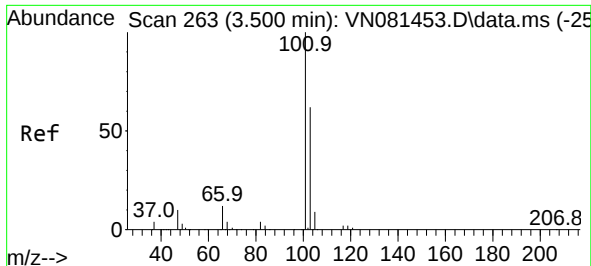
Reviewed By :John Carlone 03/21/2024
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#6
Chloroethane
Concen: 16.846 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081492.D
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Tgt Ion: 64 Resp: 74727
Ion Ratio Lower Upper
64 100
66 30.1 26.4 39.6





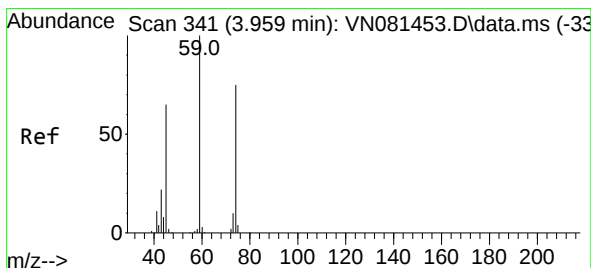
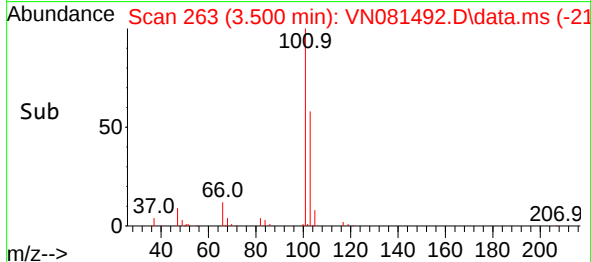
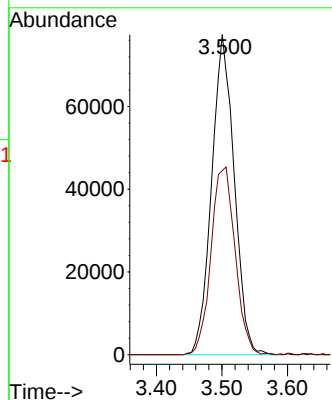
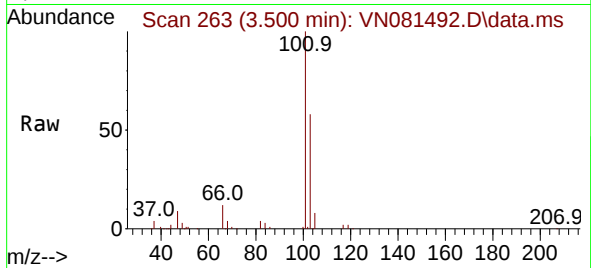
#7
 Trichlorofluoromethane
 Concen: 19.184 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081492.D
 Acq: 20 Mar 2024 14:35

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Tgt Ion:101 Resp: 184724
 Ion Ratio Lower Upper
 101 100
 103 57.6 54.4 81.6

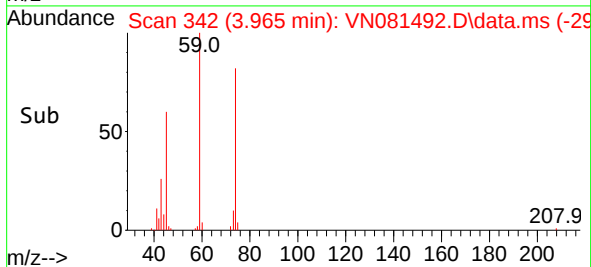
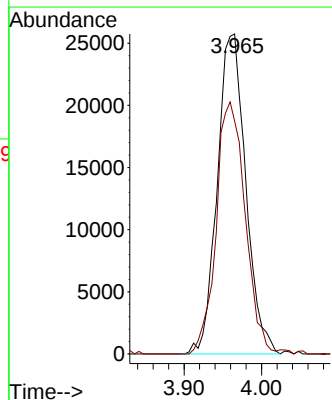
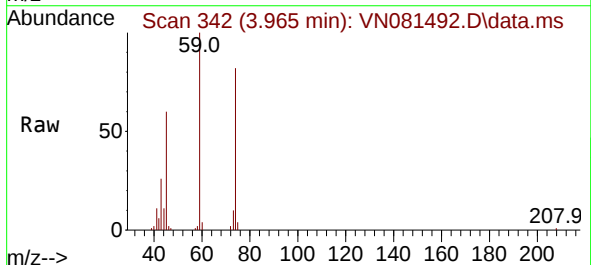
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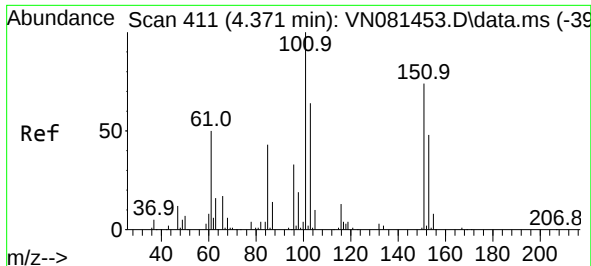
Reviewed By :John Carlone 03/21/2024
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#8
 Diethyl Ether
 Concen: 20.657 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081492.D
 Acq: 20 Mar 2024 14:35

Tgt Ion: 74 Resp: 65826
 Ion Ratio Lower Upper
 74 100
 45 79.9 53.3 159.9





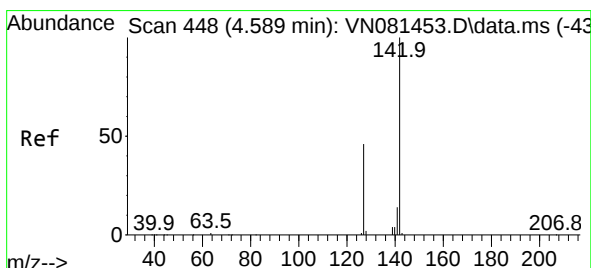
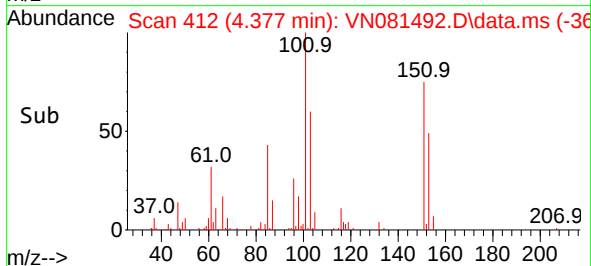
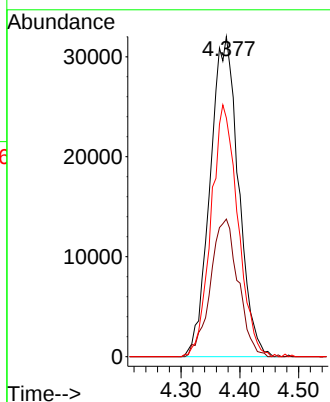
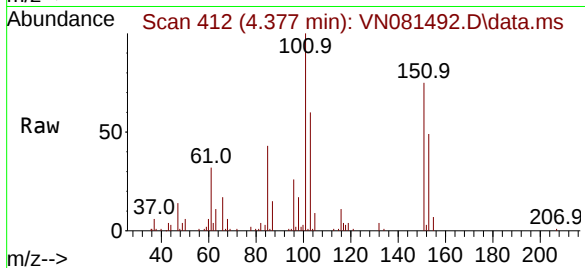
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.613 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion:101 Resp: 107304
Ion Ratio Lower Upper
101 100
85 42.1 38.1 57.1
151 74.4 49.1 73.7

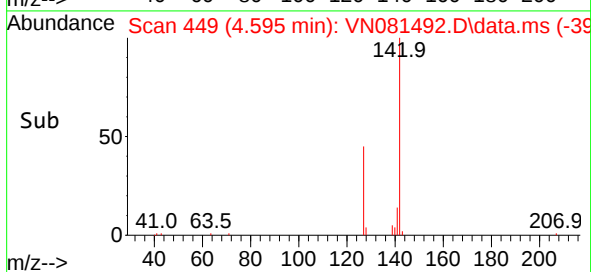
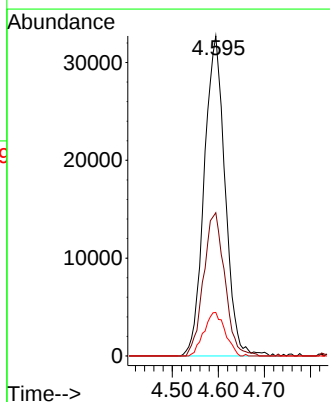
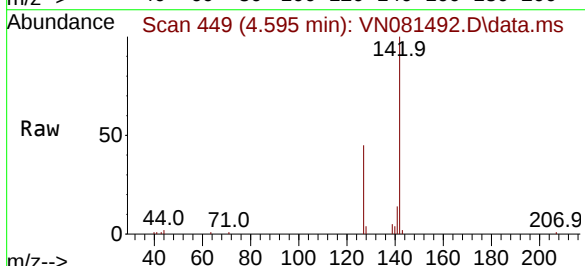
Manual Integrations
APPROVED

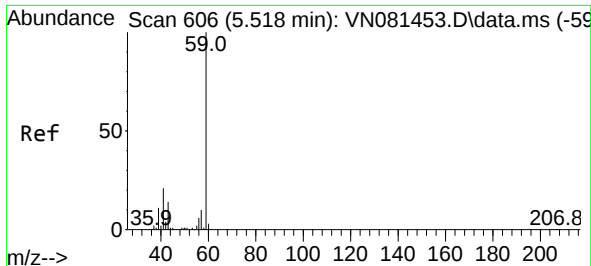
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#10
Methyl Iodide
Concen: 18.883 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

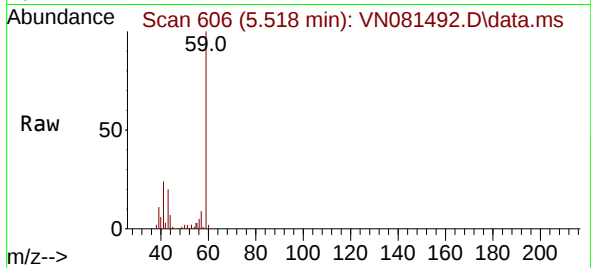
Tgt Ion:142 Resp: 102882
Ion Ratio Lower Upper
142 100
127 44.8 37.0 55.4
141 13.6 12.5 18.7





#11
Tert butyl alcohol
Concen: 85.719 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

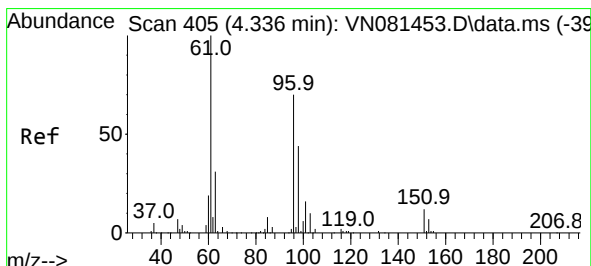
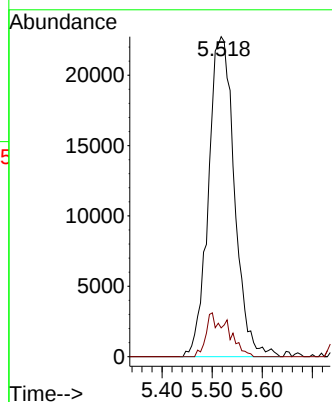
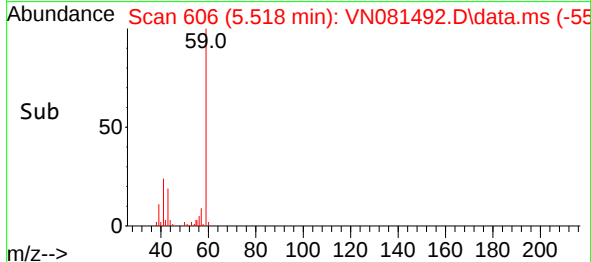
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



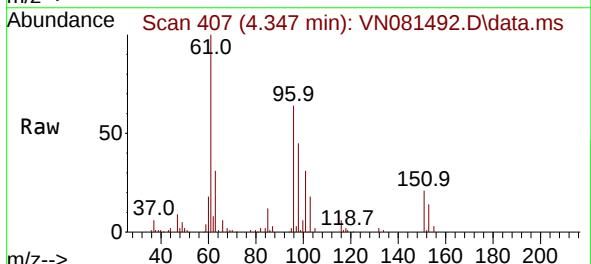
Tgt Ion: 59 Resp: 8180
Ion Ratio Lower Upper
59 100
57 6.9 8.6 12.8

Manual Integrations
APPROVED

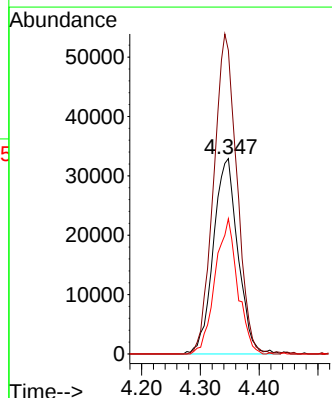
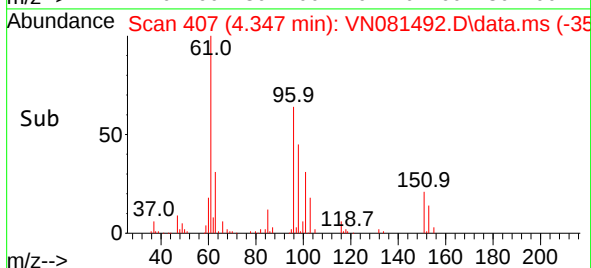
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

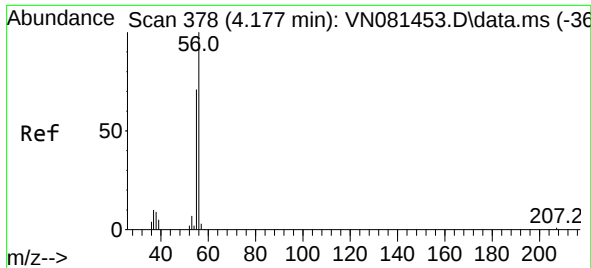


#12
1,1-Dichloroethene
Concen: 18.894 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35



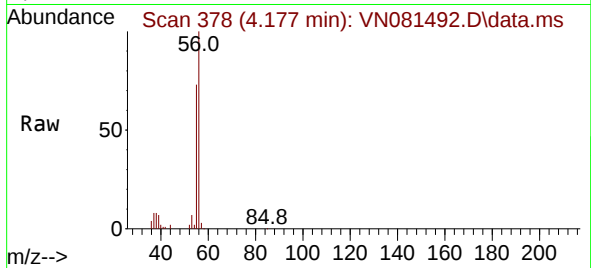
Tgt Ion: 96 Resp: 95749
Ion Ratio Lower Upper
96 100
61 155.4 138.2 207.4
98 69.2 49.2 73.8





#13
Acrolein
Concen: 119.280 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

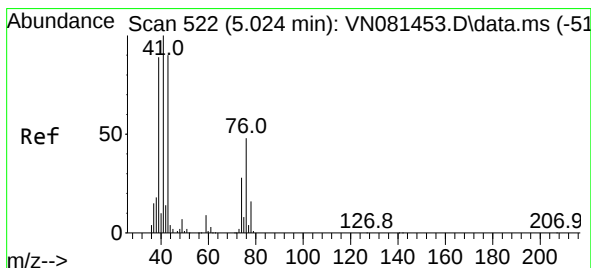
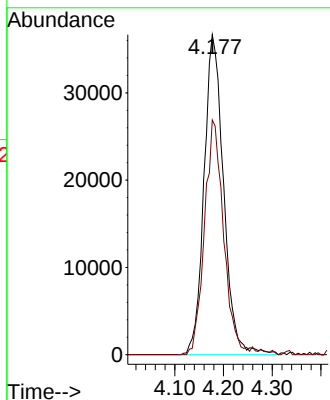
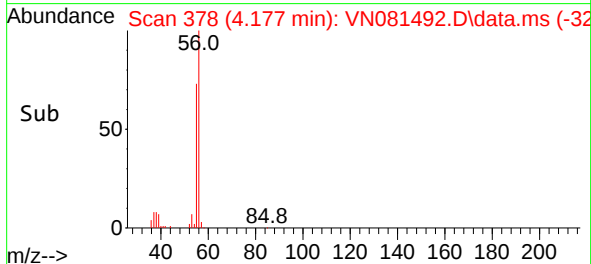
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



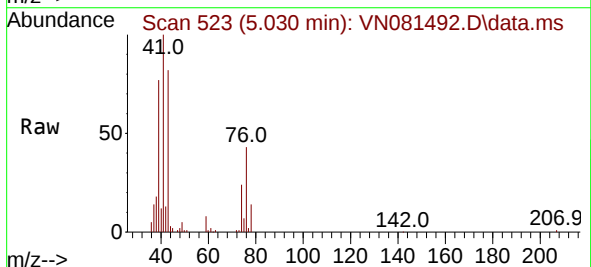
Tgt Ion: 56 Resp: 102144
Ion Ratio Lower Upper
56 100
55 71.3 55.3 82.9

Manual Integrations
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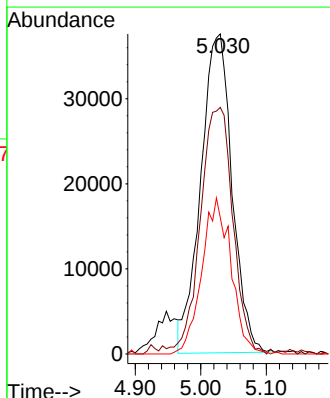
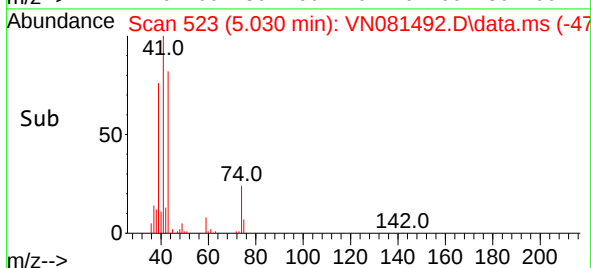
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

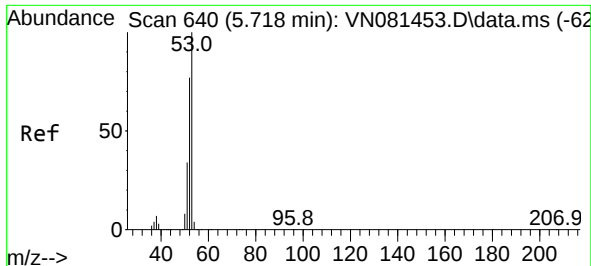


#14
Allyl chloride
Concen: 19.617 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35



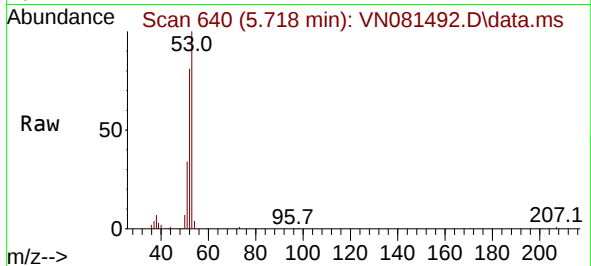
Tgt Ion: 41 Resp: 124575
Ion Ratio Lower Upper
41 100
39 80.6 57.7 86.5
76 45.6 26.8 40.2#





#15
Acrylonitrile
Concen: 88.977 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

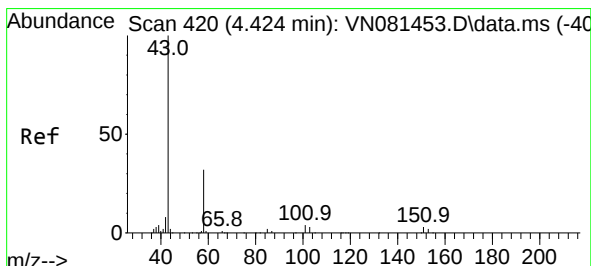
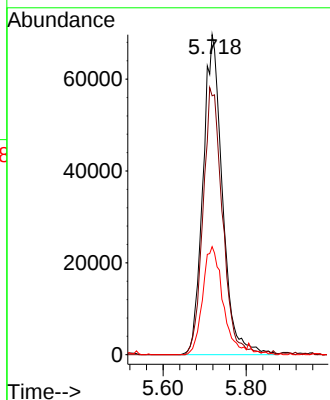
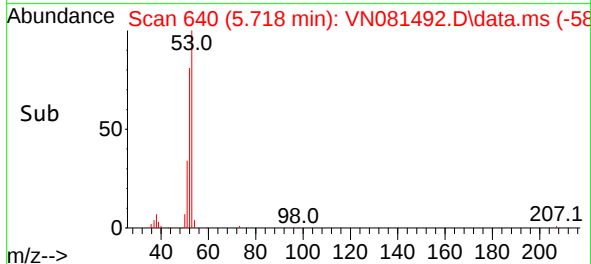
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 53 Resp: 227163
Ion Ratio Lower Upper
53 100
52 83.0 64.8 97.2
51 34.5 26.9 40.3

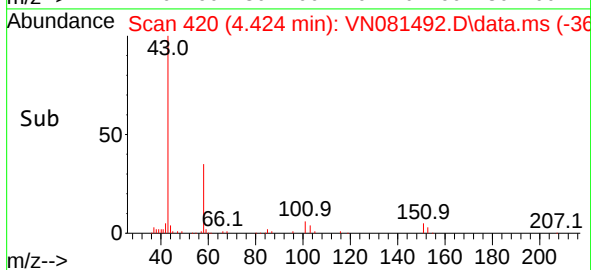
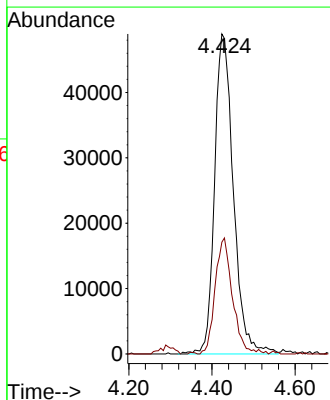
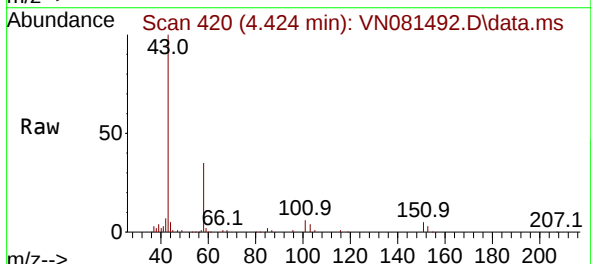
Manual Integrations
APPROVED

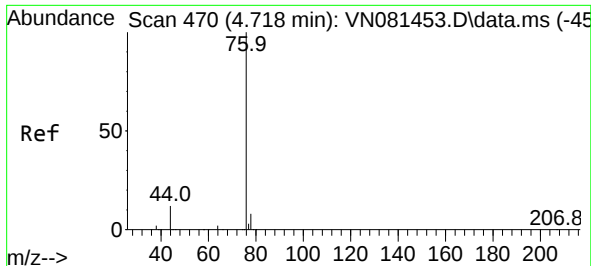
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#16
Acetone
Concen: 86.790 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Tgt Ion: 43 Resp: 153598
Ion Ratio Lower Upper
43 100
58 34.5 24.8 37.2





#17

Carbon Disulfide

Concen: 17.938 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion: 76 Resp: 26086

Ion Ratio Lower Upper

76 100

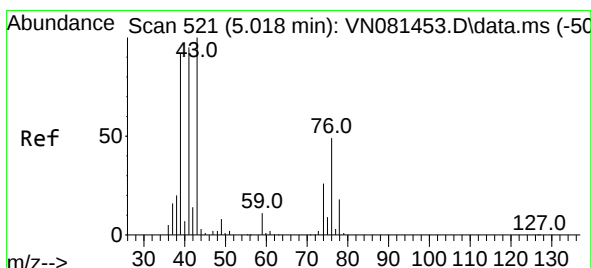
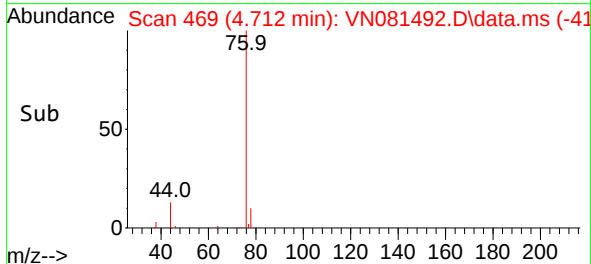
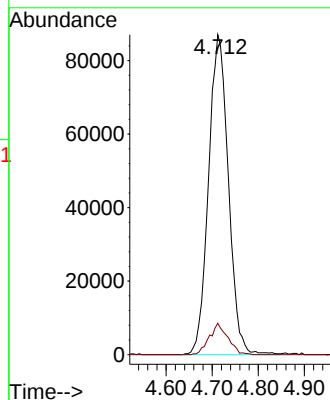
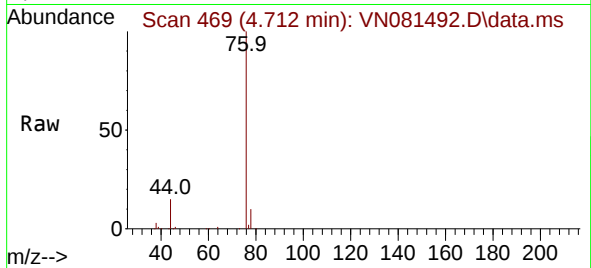
78 9.8 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#18

Methyl Acetate

Concen: 19.678 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN081492.D

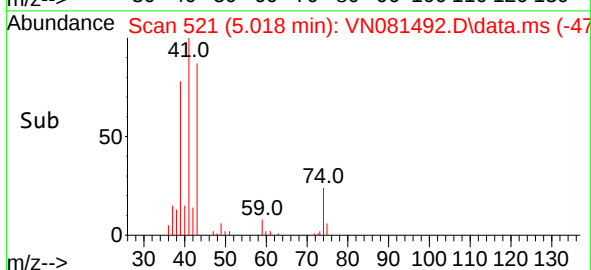
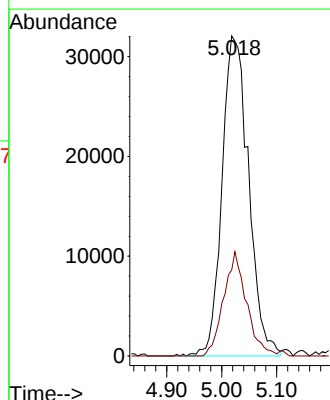
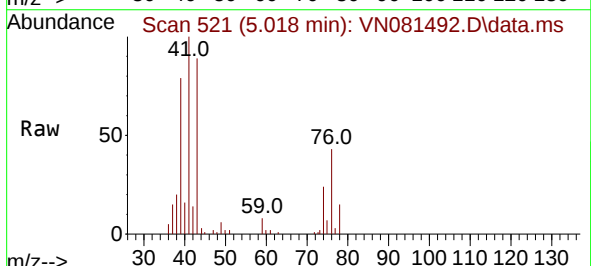
Acq: 20 Mar 2024 14:35

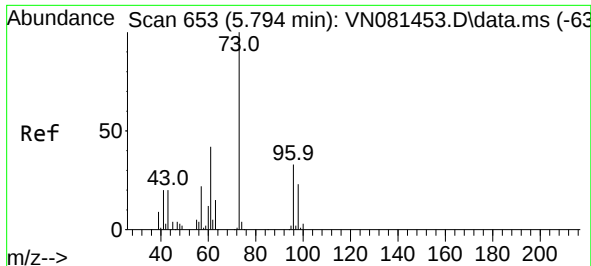
Tgt Ion: 43 Resp: 107366

Ion Ratio Lower Upper

43 100

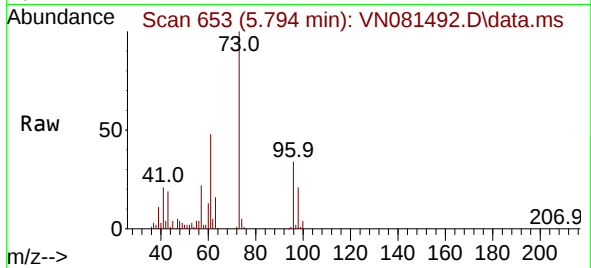
74 28.1 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 19.811 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

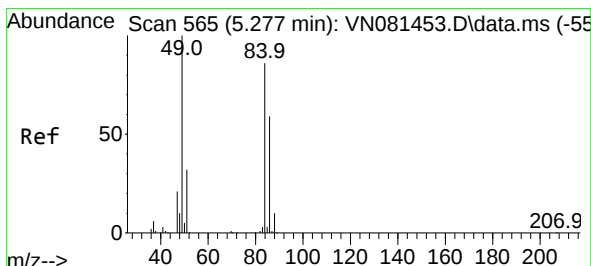
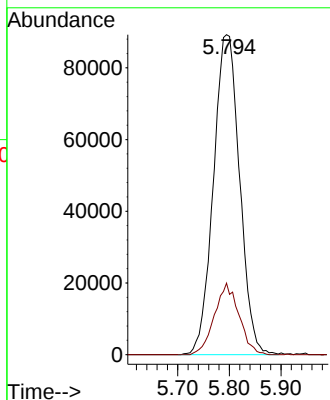
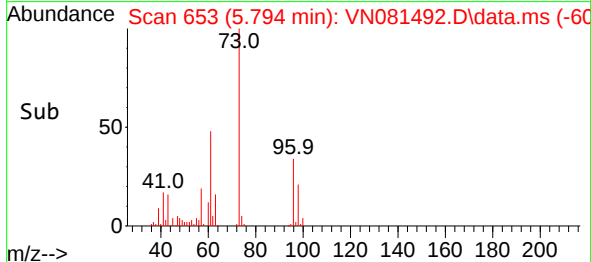
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 73 Resp: 31421
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4

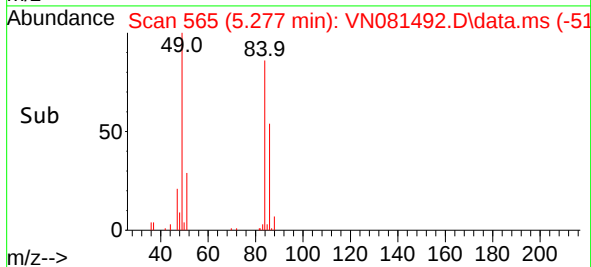
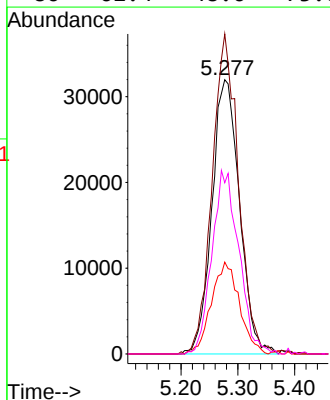
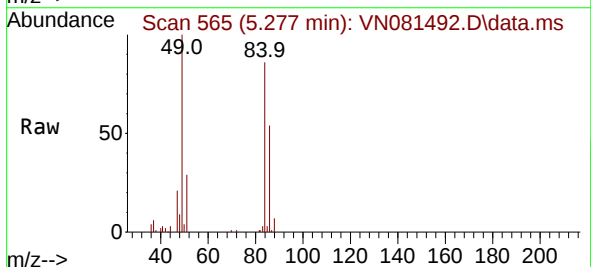
Manual Integrations
APPROVED

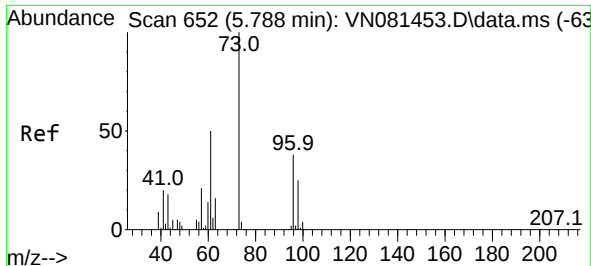
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#20
Methylene Chloride
Concen: 18.630 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

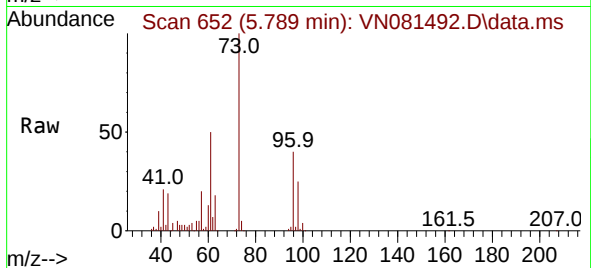
Tgt Ion: 84 Resp: 107999
Ion Ratio Lower Upper
84 100
49 116.7 108.1 162.1
51 33.5 32.9 49.3
86 62.4 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.869 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

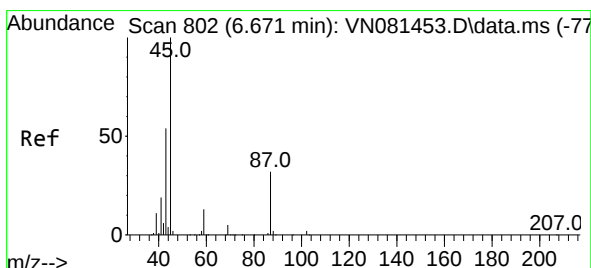
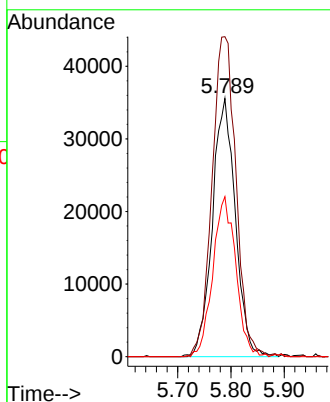
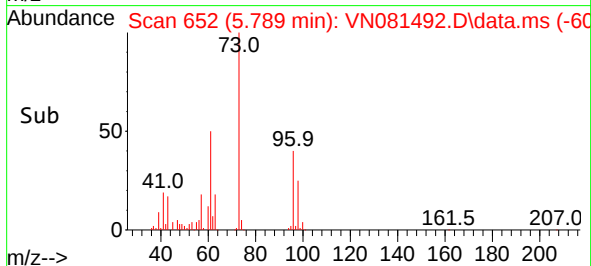
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 96 Resp: 10662
Ion Ratio Lower Upper
96 100
61 123.9 112.8 169.2
98 62.0 51.0 76.4

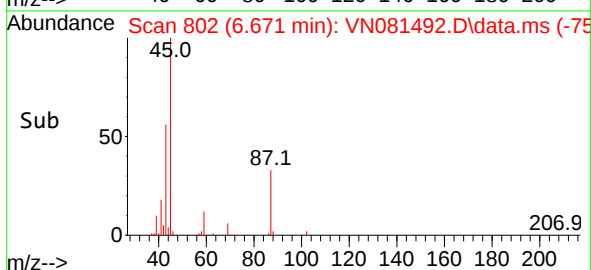
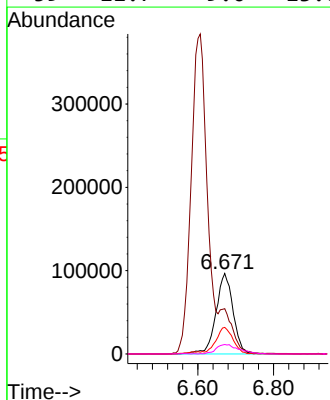
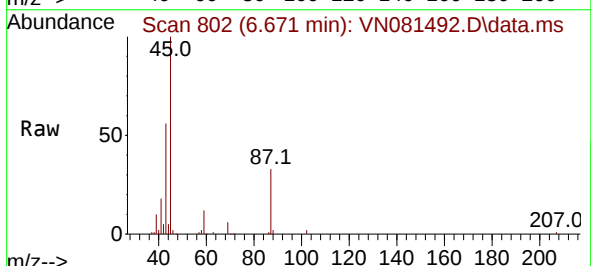
Manual Integrations
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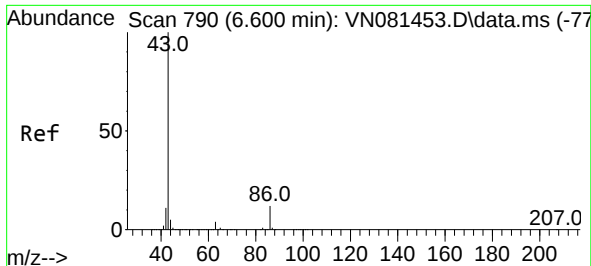
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#22
Diisopropyl ether
Concen: 20.495 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Tgt Ion: 45 Resp: 302402
Ion Ratio Lower Upper
45 100
43 55.6 41.8 62.8
87 33.0 18.1 27.1#
59 11.7 9.0 13.6





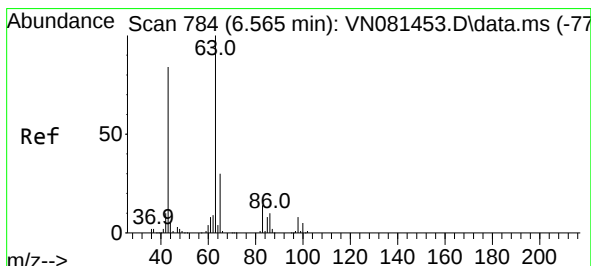
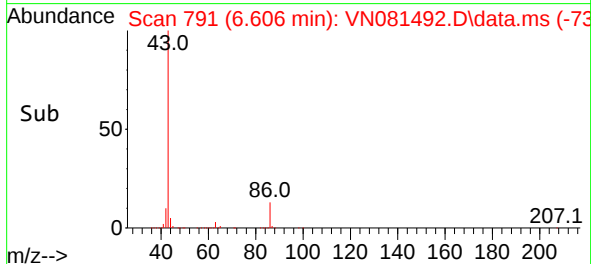
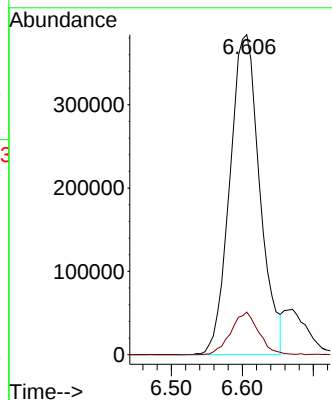
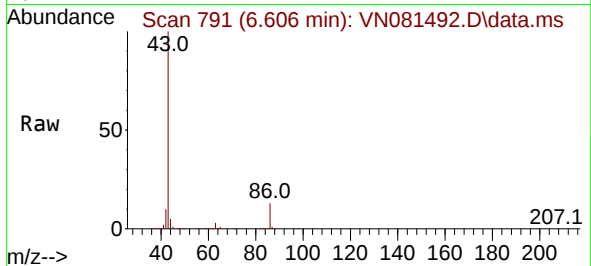
#23
 Vinyl Acetate
 Concen: 96.213 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081492.D
 Acq: 20 Mar 2024 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

Tgt Ion: 43 Resp: 112998
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7

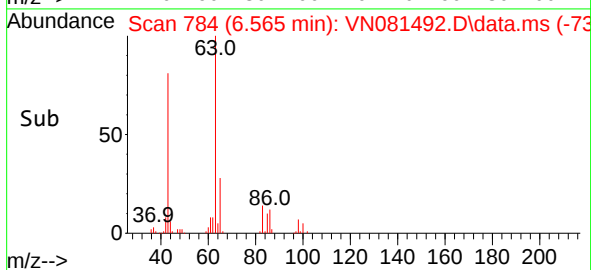
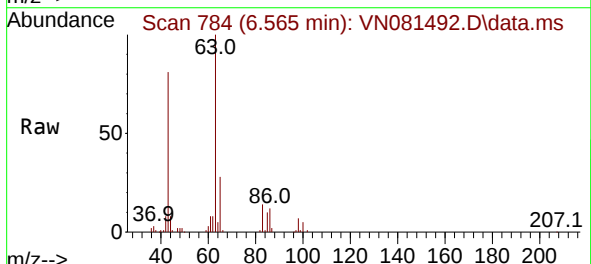
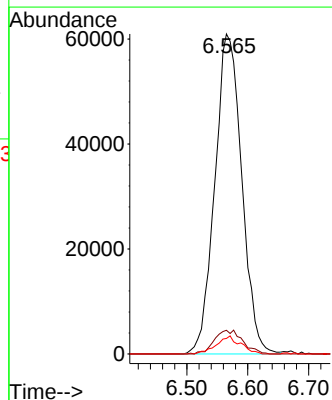
Manual Integrations
 APPROVED

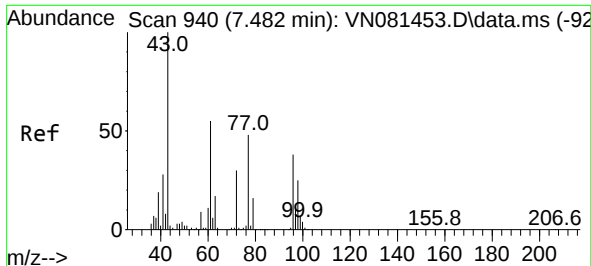
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#24
 1,1-Dichloroethane
 Concen: 18.934 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081492.D
 Acq: 20 Mar 2024 14:35

Tgt Ion: 63 Resp: 187119
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.6
 100 4.9 1.9 5.7





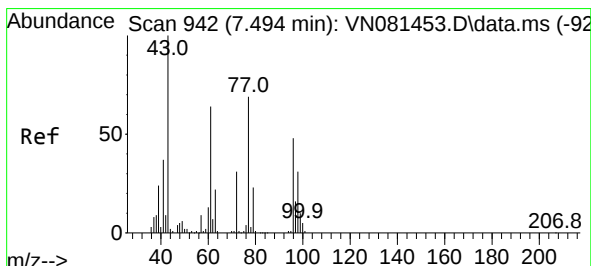
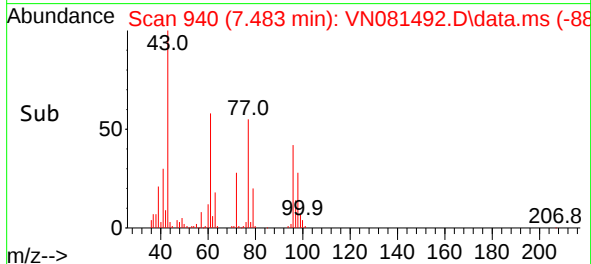
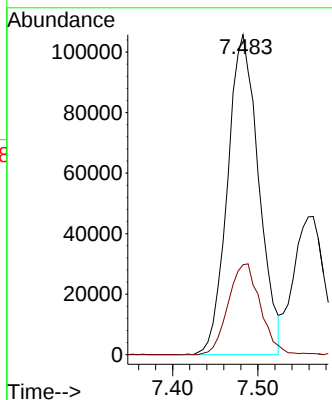
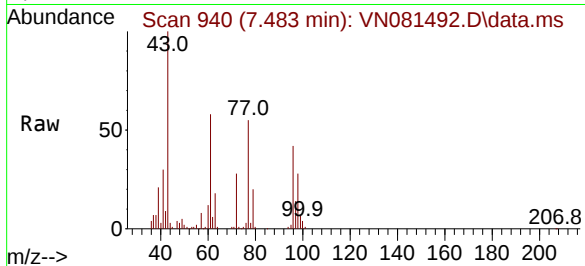
#25
2-Butanone
Concen: 88.781 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 43 Resp: 26949
Ion Ratio Lower Upper
43 100
72 28.1 19.5 29.3

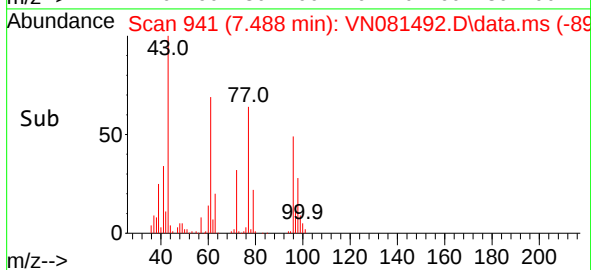
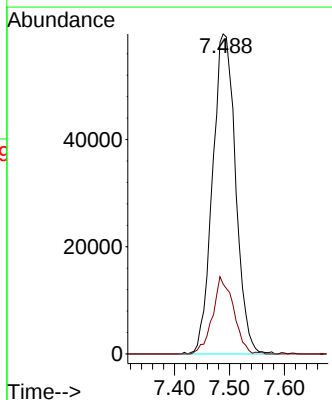
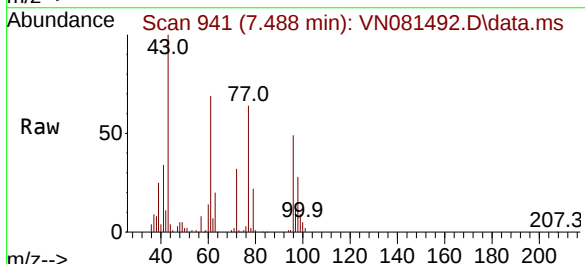
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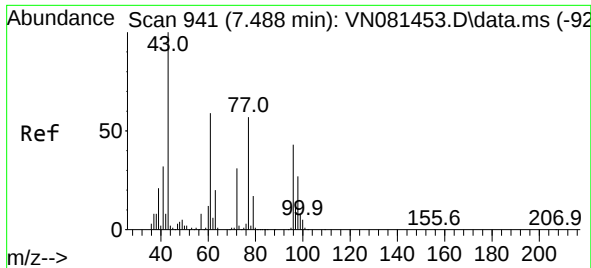
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#26
2,2-Dichloropropane
Concen: 20.280 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

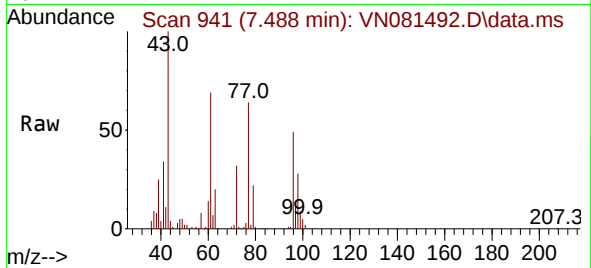
Tgt Ion: 77 Resp: 173828
Ion Ratio Lower Upper
77 100
97 22.0 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.172 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081492.D
 Acq: 20 Mar 2024 14:35

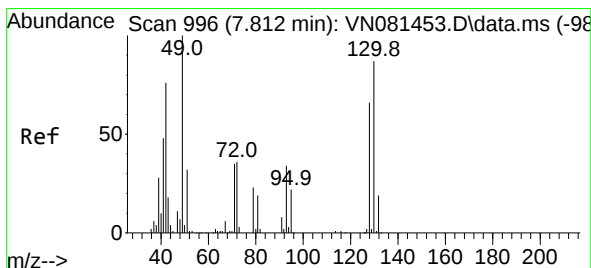
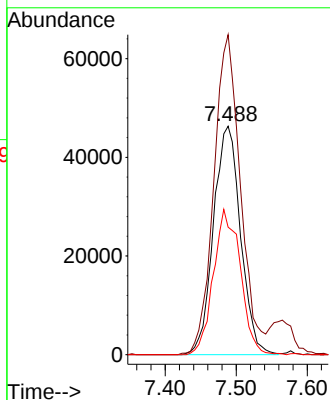
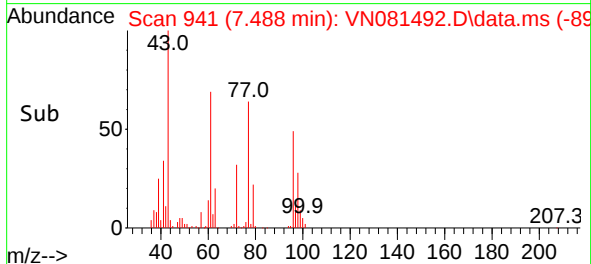
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01



Tgt Ion: 96 Resp: 122574
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 325.4
 98 63.1 0.0 130.4

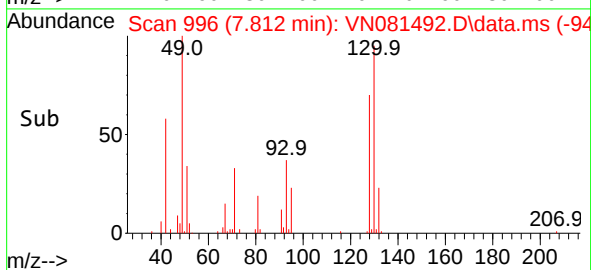
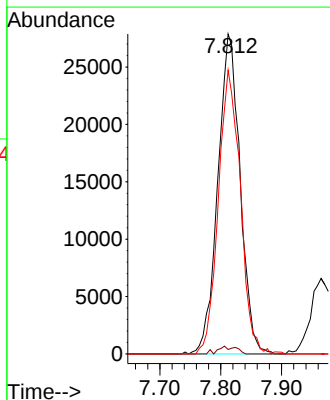
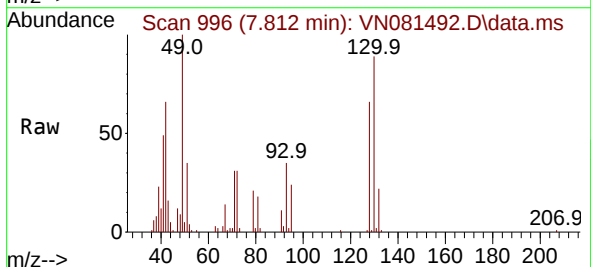
Manual Integrations
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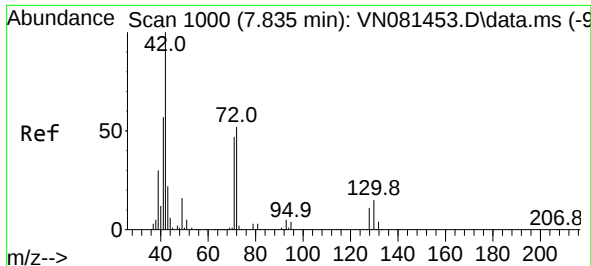
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#28
 Bromochloromethane
 Concen: 17.593 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081492.D
 Acq: 20 Mar 2024 14:35

Tgt Ion: 49 Resp: 70815
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 87.7 42.3 63.5#





#29

Tetrahydrofuran

Concen: 91.204 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081492.D

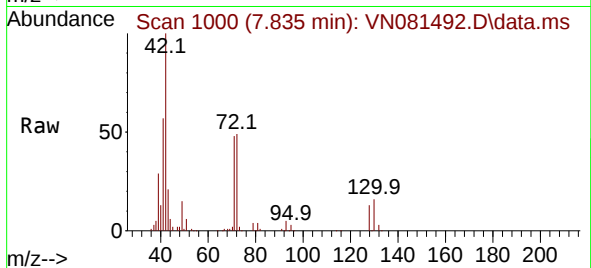
Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01



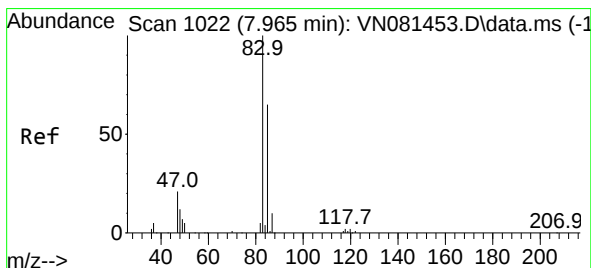
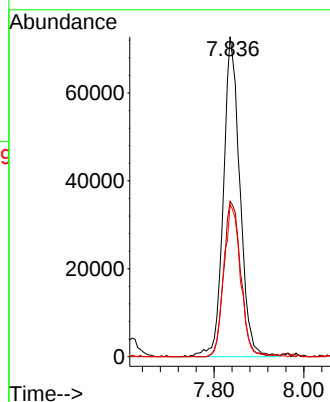
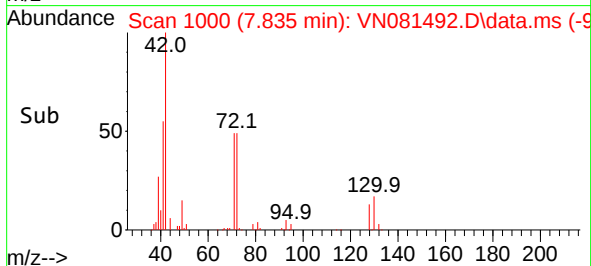
Tgt Ion:	42	Resp:	186500
Ion Ratio	Lower	Upper	
42	100		
72	50.1	31.1	46.7
71	48.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#30

Chloroform

Concen: 19.234 ug/l

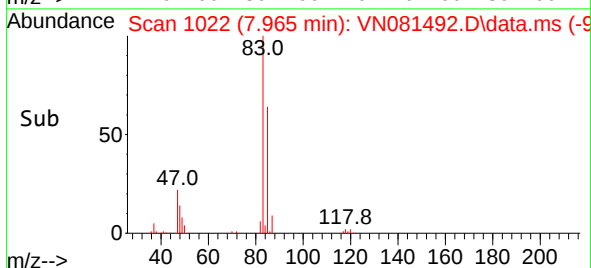
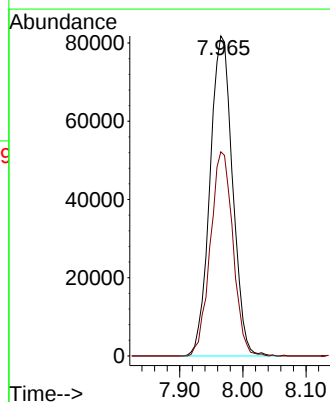
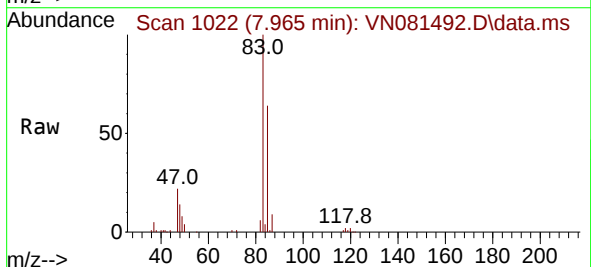
RT: 7.965 min Scan# 1022

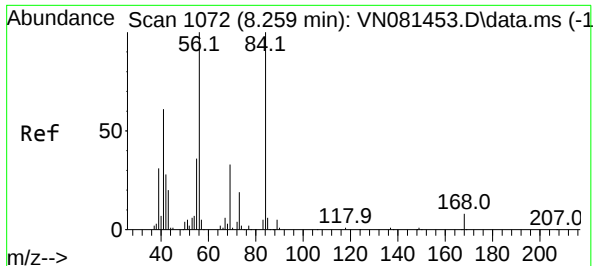
Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

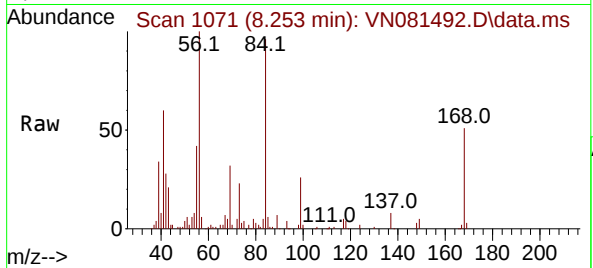
Tgt Ion:	83	Resp:	203487
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.0	76.6





#31
Cyclohexane
Concen: 18.397 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

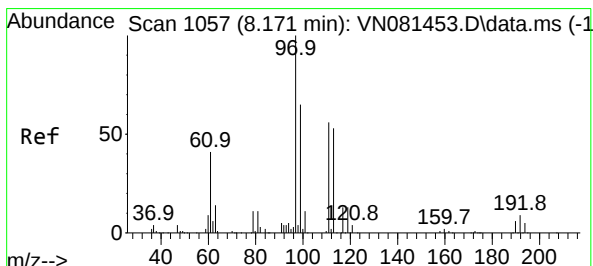
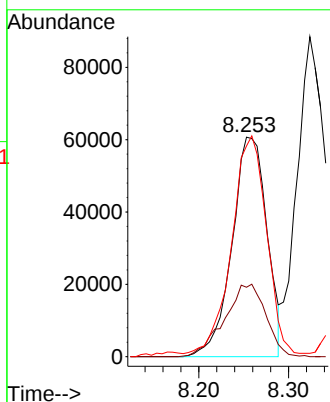
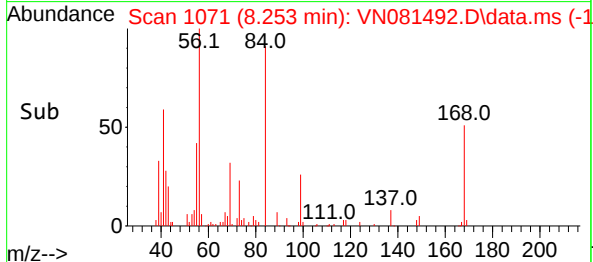
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 56 Resp: 163930
Ion Ratio Lower Upper
56 100
69 31.7 20.1 30.1
84 94.4 56.9 85.3

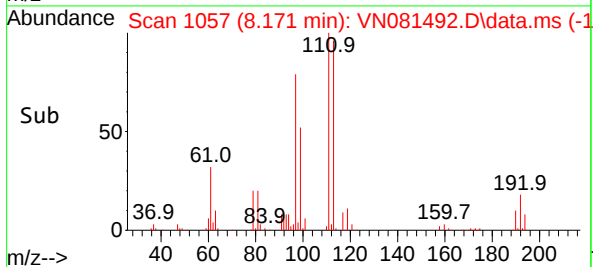
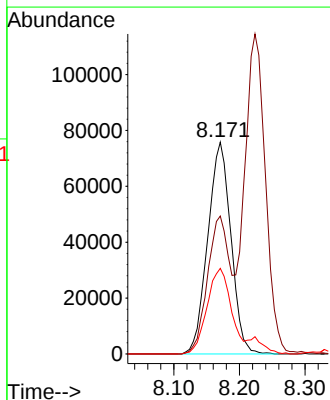
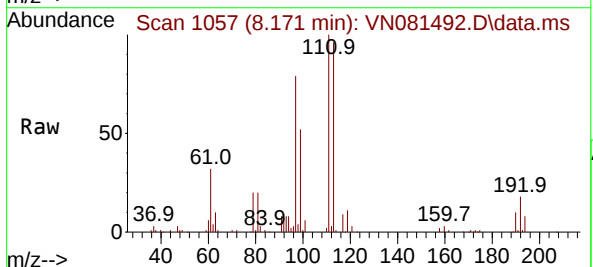
Manual Integrations
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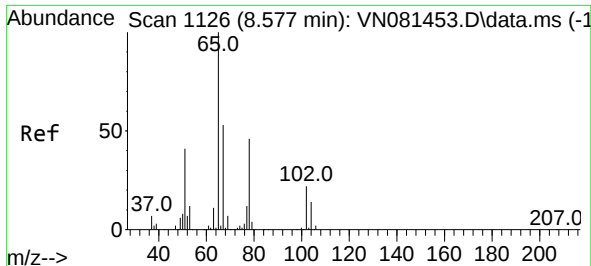
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#32
1,1,1-Trichloroethane
Concen: 19.353 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Tgt Ion: 97 Resp: 185761
Ion Ratio Lower Upper
97 100
99 60.5 53.4 80.0
61 42.8 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 48.595 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion: 65 Resp: 266110

Ion Ratio Lower Upper

65 100

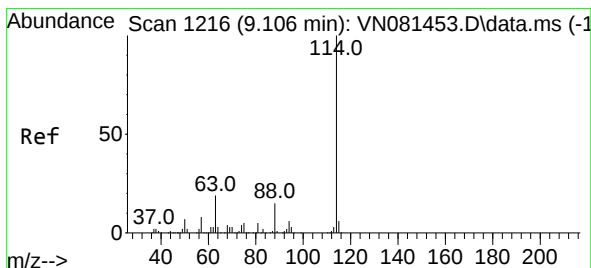
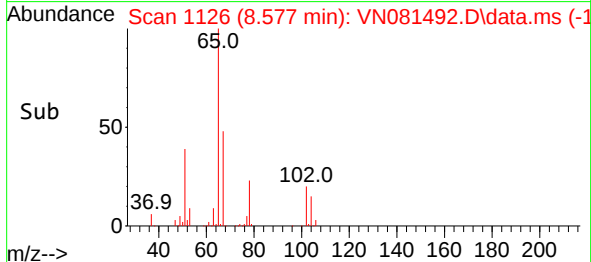
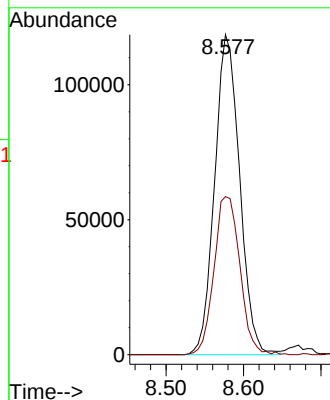
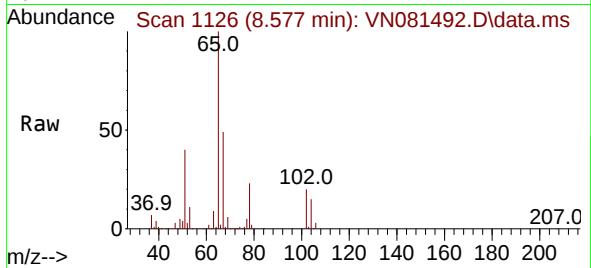
67 51.1 0.0 102.4

Manual Integrations

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Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

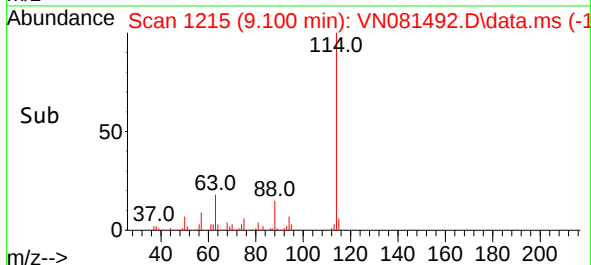
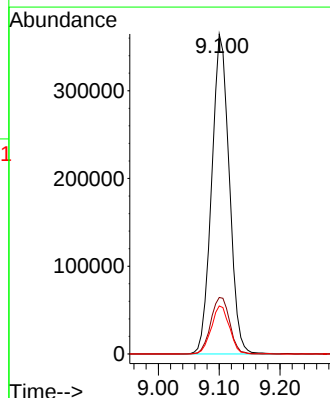
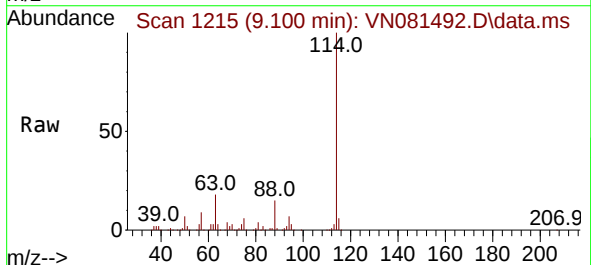
Tgt Ion:114 Resp: 730721

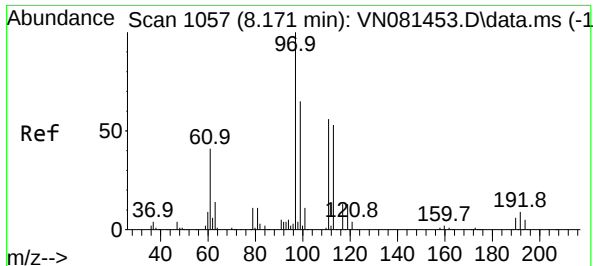
Ion Ratio Lower Upper

114 100

63 17.7 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.374 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion:113 Resp: 22308

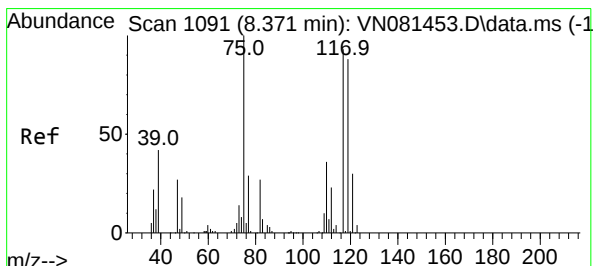
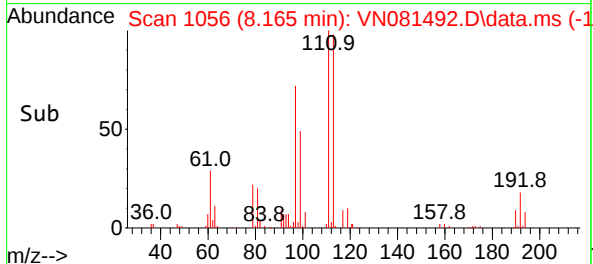
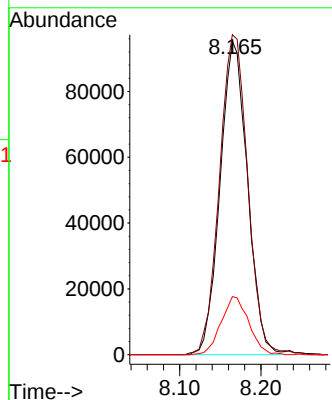
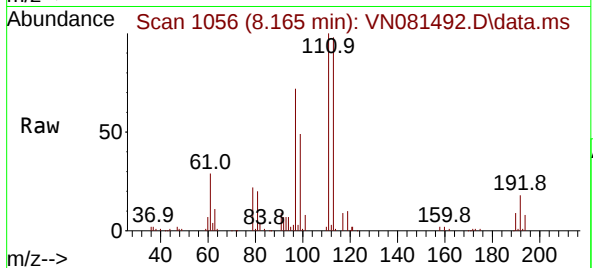
Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.2	123.4
192	18.7	12.5	18.7

Manual Integrations

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Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#36

1,1-Dichloropropene

Concen: 19.251 ug/l

RT: 8.371 min Scan# 1091

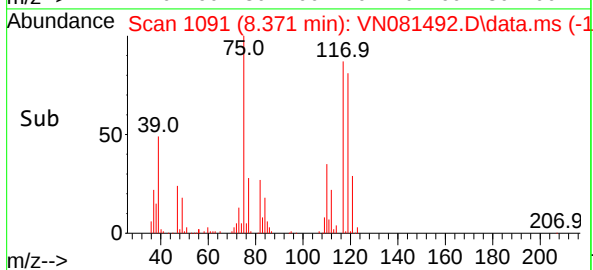
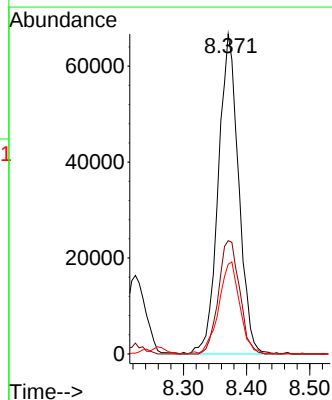
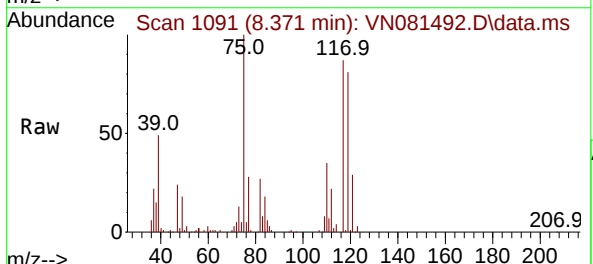
Delta R.T. 0.000 min

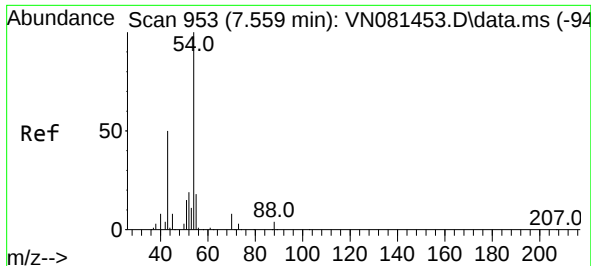
Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Tgt Ion: 75 Resp: 149402

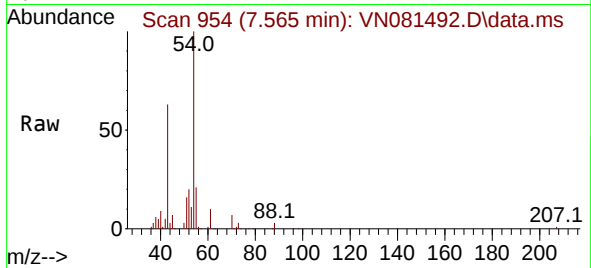
Ion	Ratio	Lower	Upper
75	100		
110	36.7	16.0	48.0
77	29.7	25.8	38.6





#37
Ethyl Acetate
Concen: 18.288 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

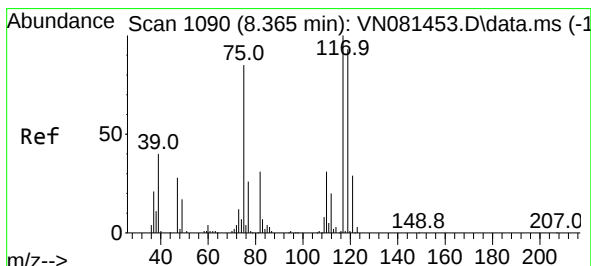
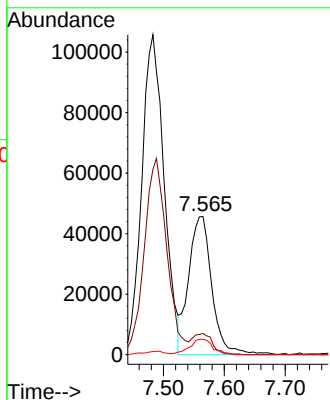
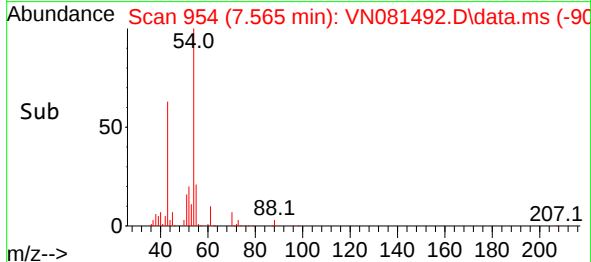
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 43 Resp: 12153
Ion Ratio Lower Upper
43 100
61 13.1 10.6 15.8
70 11.0 8.0 12.0

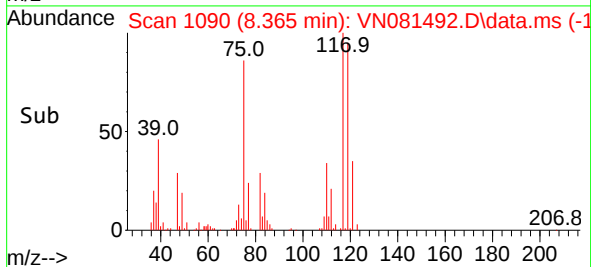
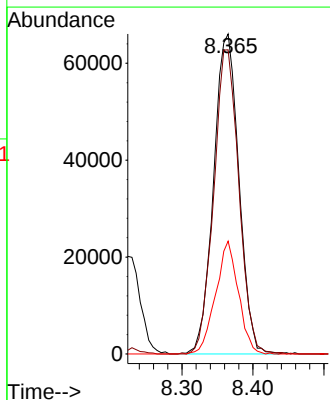
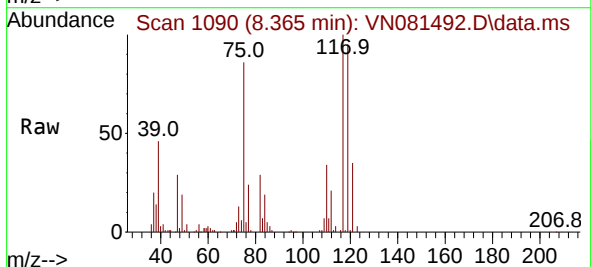
Manual Integrations
APPROVED

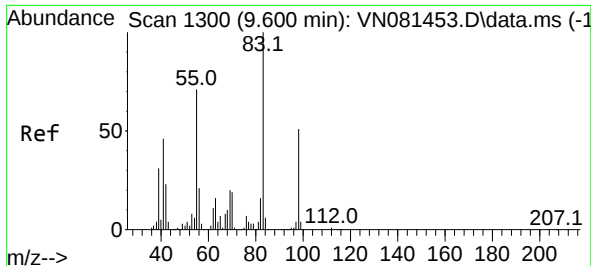
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#38
Carbon Tetrachloride
Concen: 19.146 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

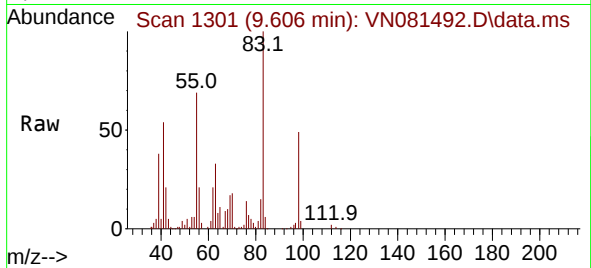
Tgt Ion:117 Resp: 162775
Ion Ratio Lower Upper
117 100
119 95.0 73.4 110.2
121 35.3 24.4 36.6





#39
Methylcyclohexane
Concen: 20.158 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

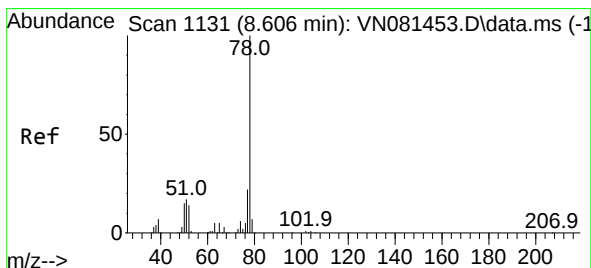
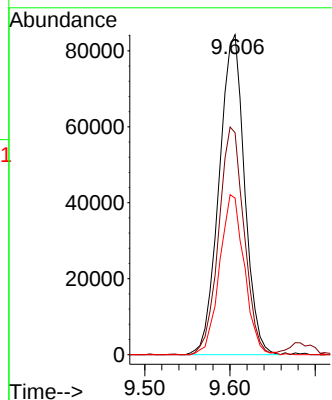
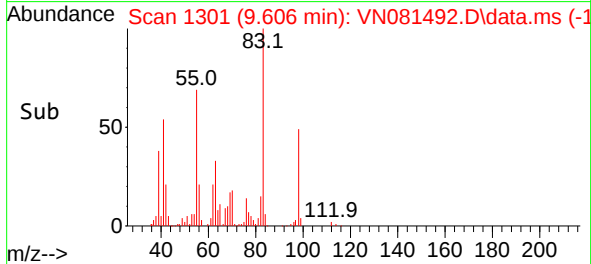
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 83 Resp: 17470
Ion Ratio Lower Upper
83 100
55 69.3 65.7 98.5
98 49.0 33.8 50.6

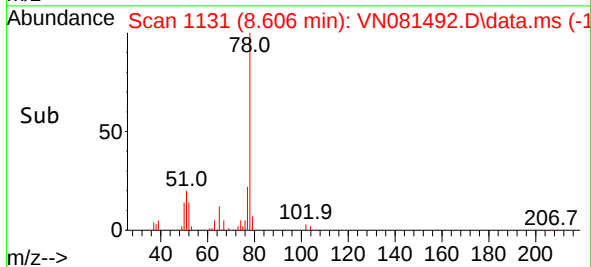
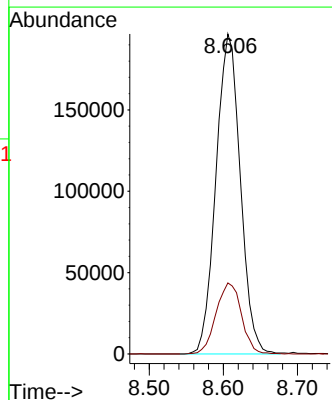
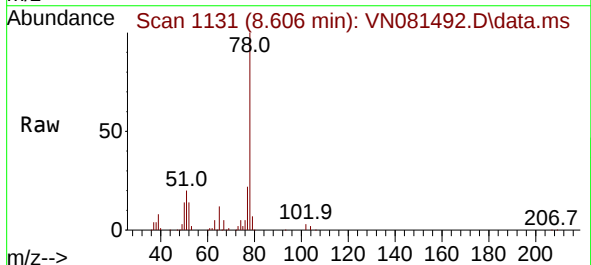
Manual Integrations
APPROVED

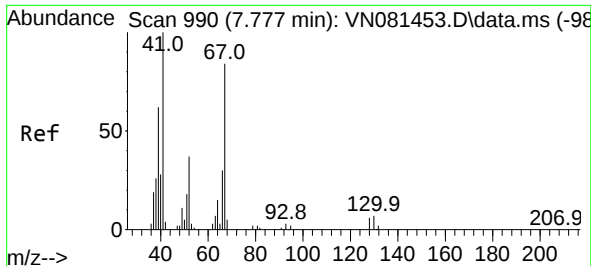
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#40
Benzene
Concen: 19.766 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

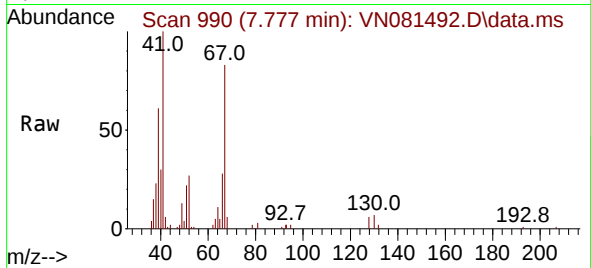
Tgt Ion: 78 Resp: 448482
Ion Ratio Lower Upper
78 100
77 22.2 20.4 30.6





#41
Methacrylonitrile
Concen: 18.447 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

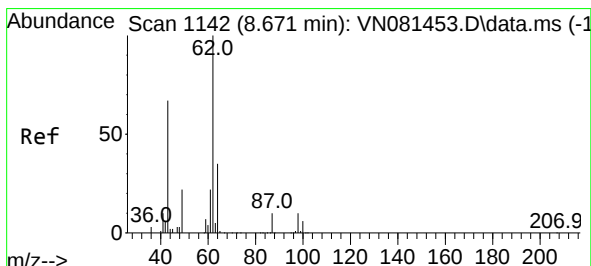
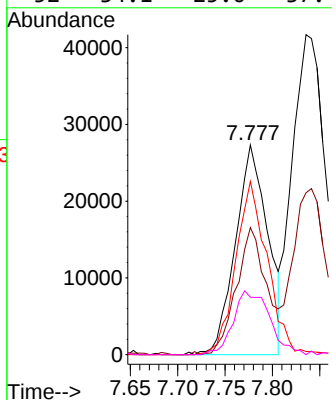
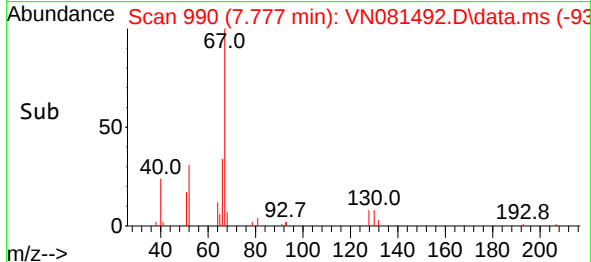
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion:	41	Resp:	6483
Ion Ratio	100	Lower	Upper
39	56.5	48.4	72.6
67	81.6	56.8	85.2
52	34.1	25.0	37.4

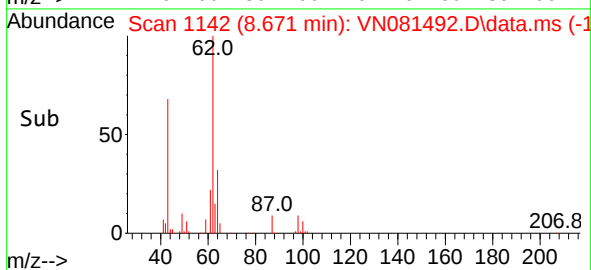
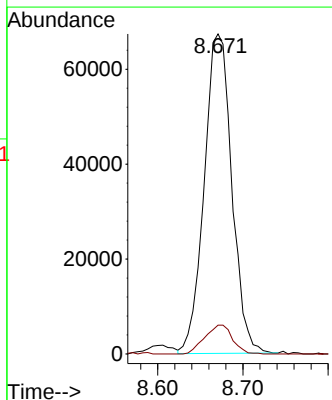
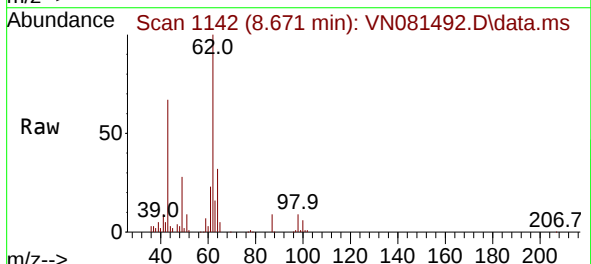
Manual Integrations
APPROVED

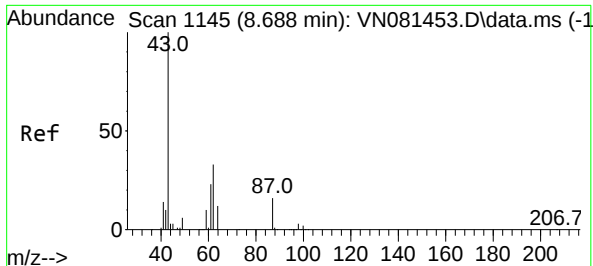
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#42
1,2-Dichloroethane
Concen: 18.969 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

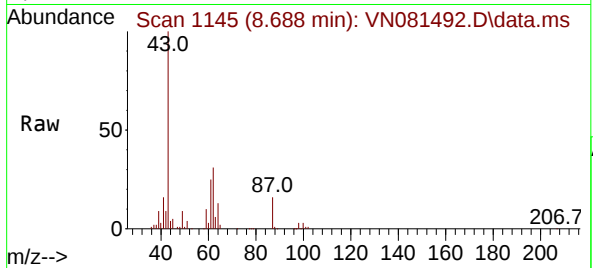
Tgt Ion:	62	Resp:	151463
Ion Ratio	100	Lower	Upper
98	9.1	0.0	18.0





#43
Isopropyl Acetate
Concen: 18.974 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

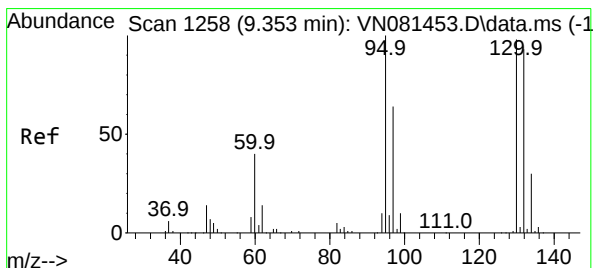
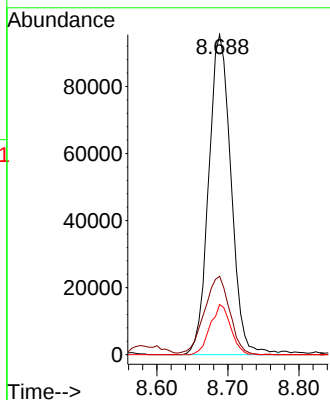
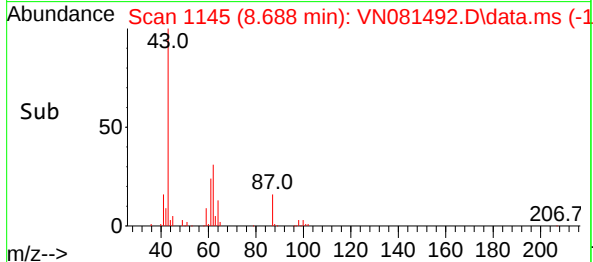
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



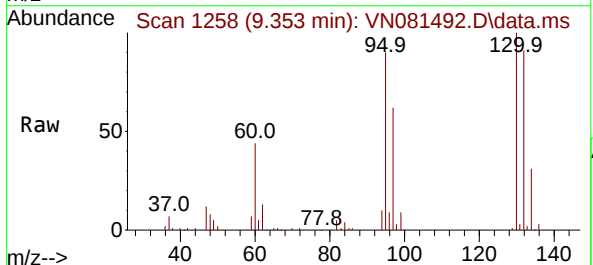
Tgt Ion: 43 Resp: 209000
Ion Ratio Lower Upper
43 100
61 27.7 19.9 29.9
87 14.4 9.0 13.6

Manual Integrations
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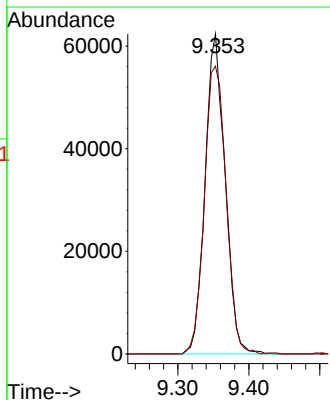
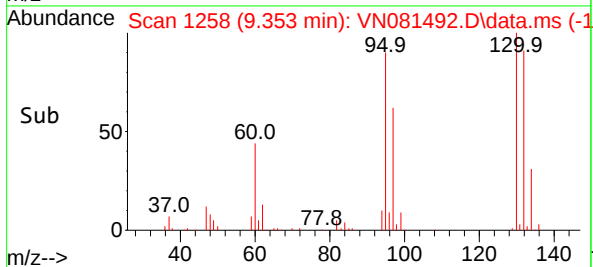
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

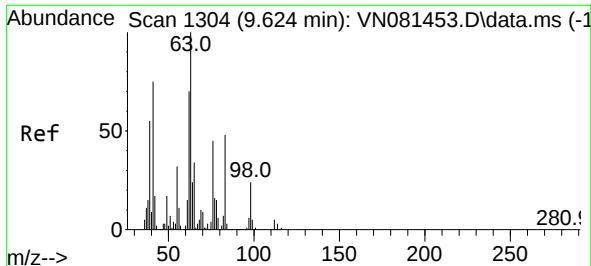


#44
Trichloroethene
Concen: 19.105 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35



Tgt Ion:130 Resp: 121919
Ion Ratio Lower Upper
130 100
95 89.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.514 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion: 63 Resp: 10730

Ion Ratio Lower Upper

63 100

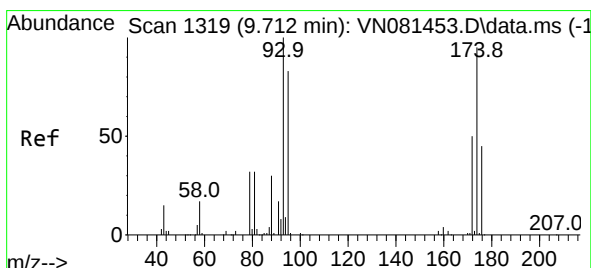
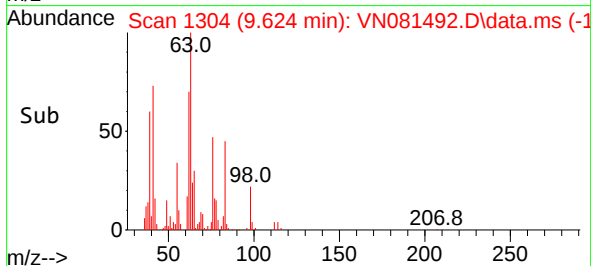
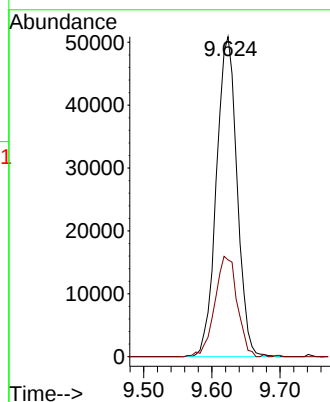
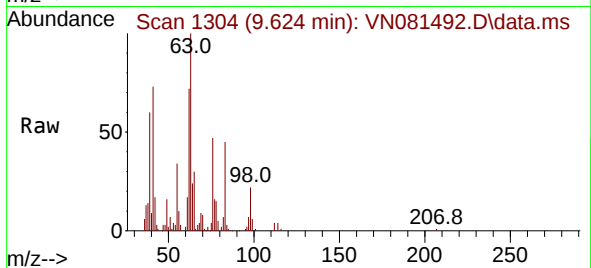
65 30.3 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#46

Dibromomethane

Concen: 18.792 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

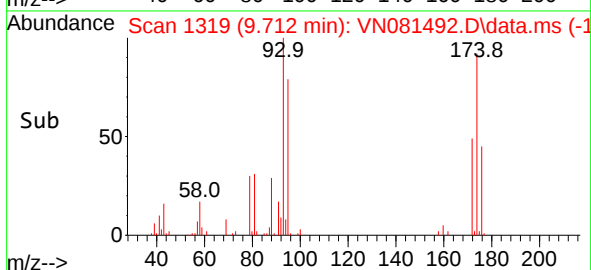
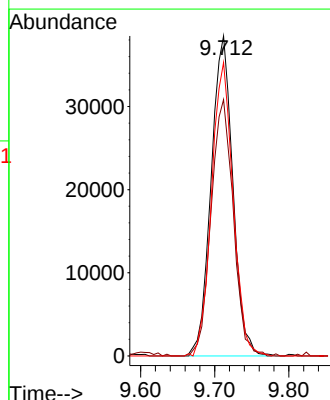
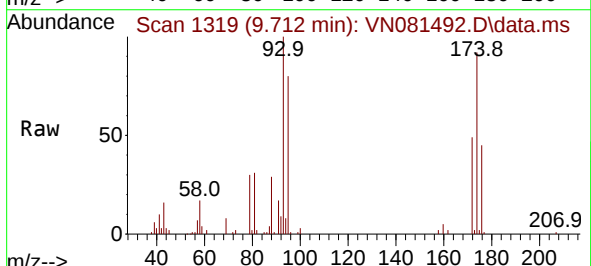
Tgt Ion: 93 Resp: 78472

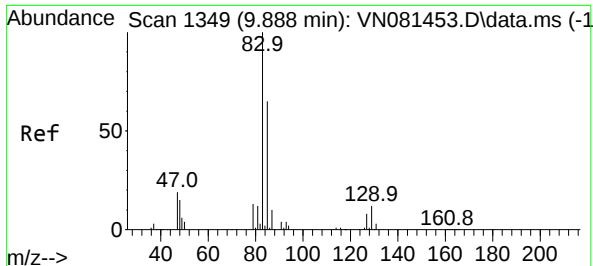
Ion Ratio Lower Upper

93 100

95 81.7 68.1 102.1

174 90.8 57.2 85.8





#47

Bromodichloromethane

Concen: 19.008 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion: 83 Resp: 15518

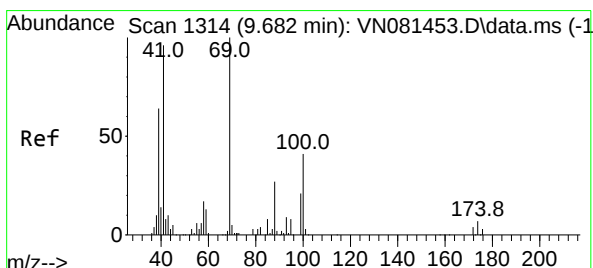
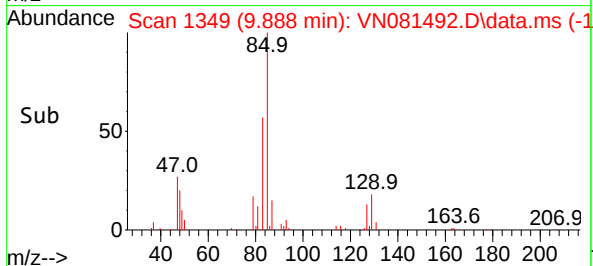
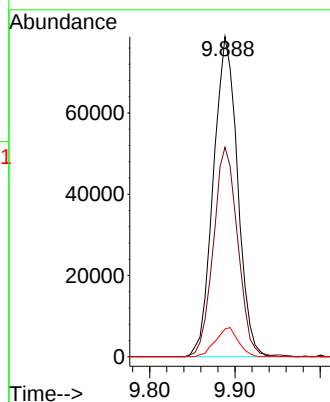
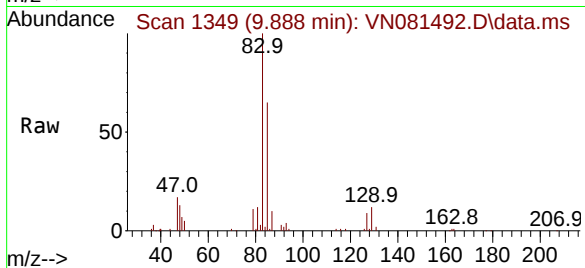
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.3	78.5
127	8.6	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#48

Methyl methacrylate

Concen: 18.671 ug/l

RT: 9.682 min Scan# 1314

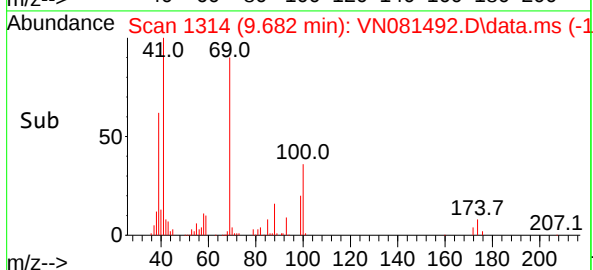
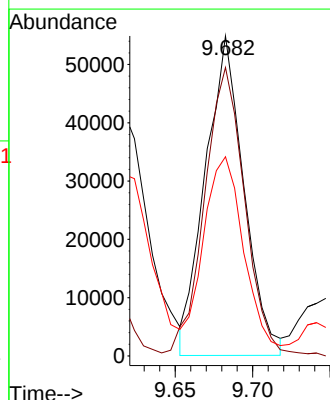
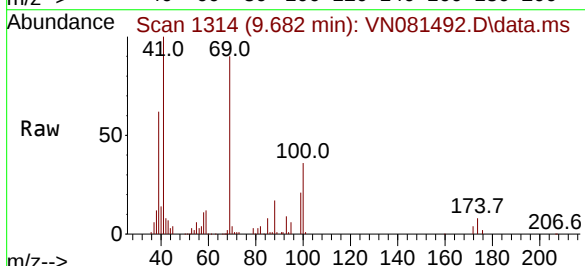
Delta R.T. 0.000 min

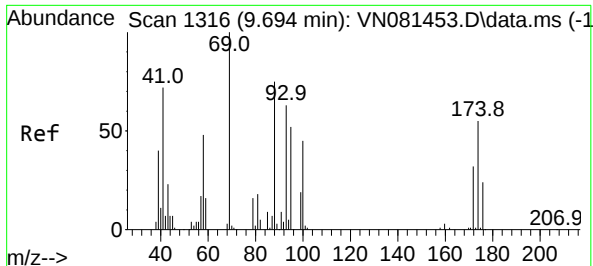
Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Tgt Ion: 41 Resp: 94863

Ion	Ratio	Lower	Upper
41	100		
69	95.0	62.2	93.2
39	66.4	47.6	71.4





#49

1,4-Dioxane

Concen: 318.145 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion: 88 Resp: 38840

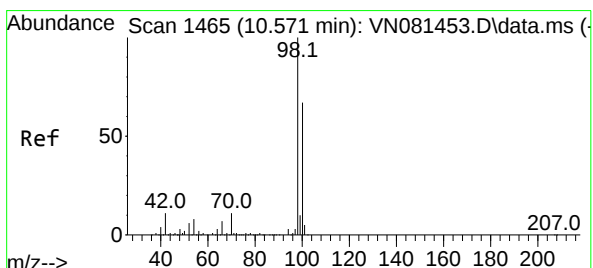
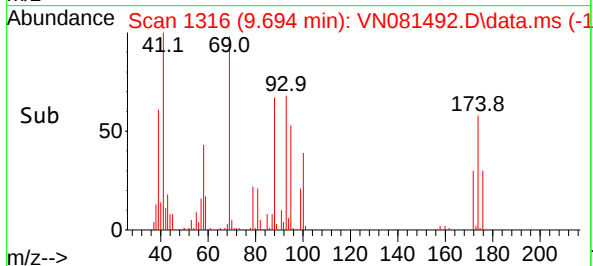
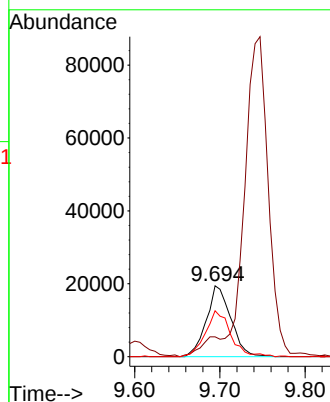
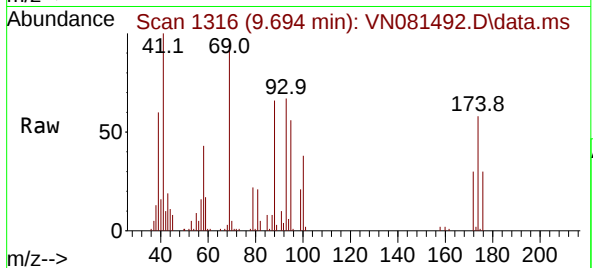
Ion	Ratio	Lower	Upper
88	100		
43	22.7	30.1	45.1
58	67.1	63.9	95.9

Manual Integrations

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Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#50

Toluene-d8

Concen: 48.961 ug/l

RT: 10.565 min Scan# 1464

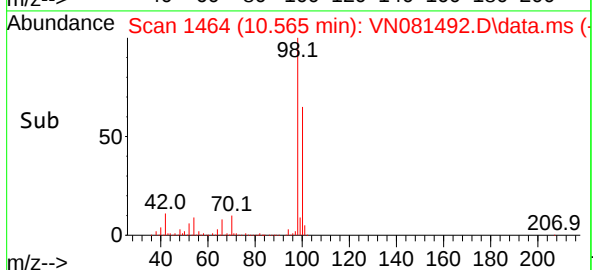
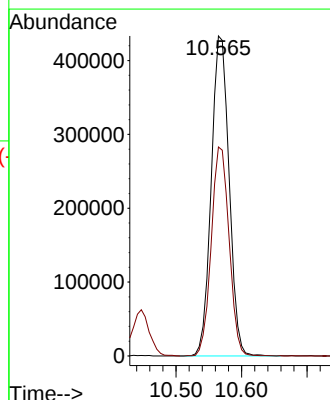
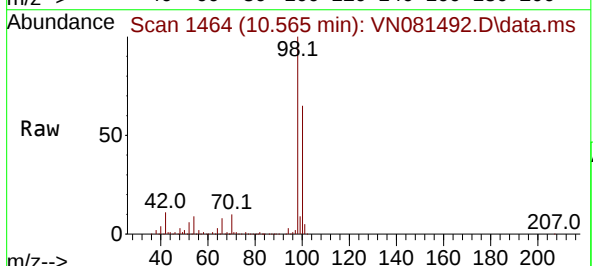
Delta R.T. -0.006 min

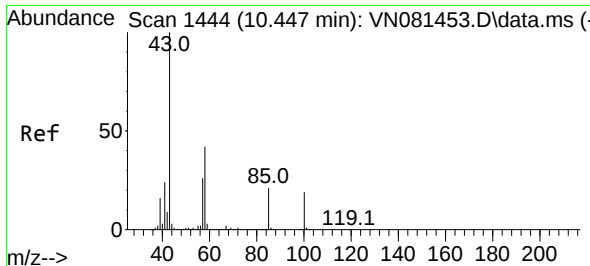
Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Tgt Ion: 98 Resp: 816201

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.4	77.0





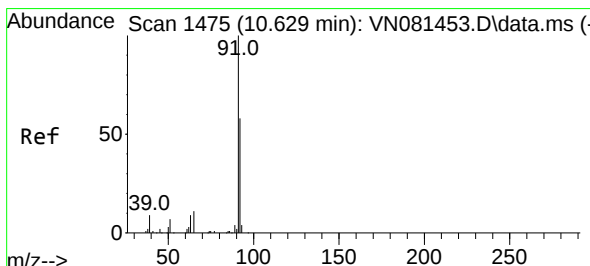
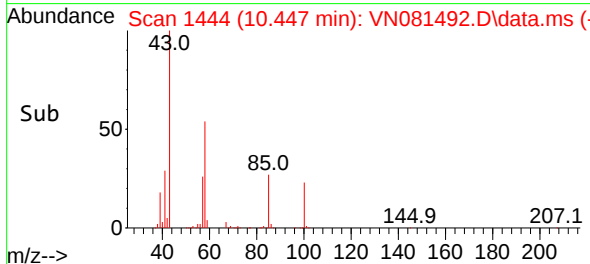
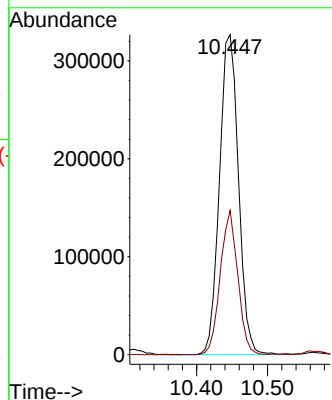
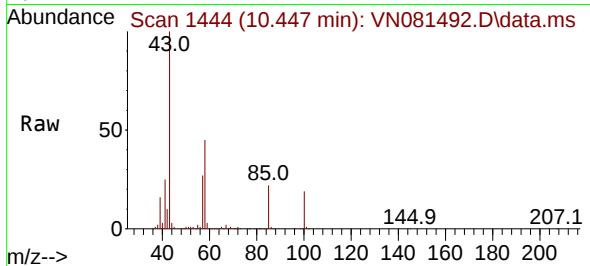
#51
4-Methyl-2-Pentanone
Concen: 90.294 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 43 Resp: 606929
Ion Ratio Lower Upper
43 100
58 41.6 29.4 44.0

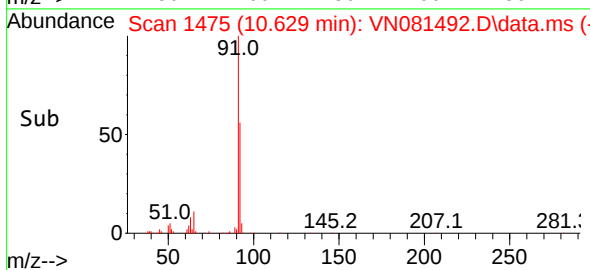
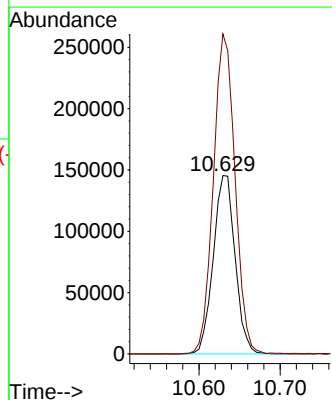
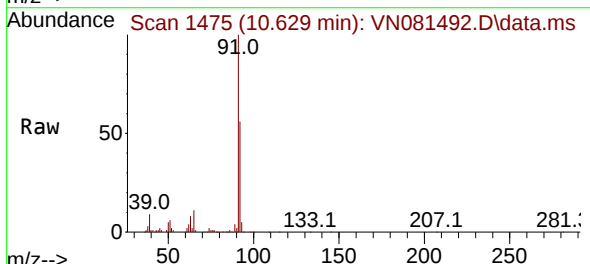
Manual Integrations
APPROVED

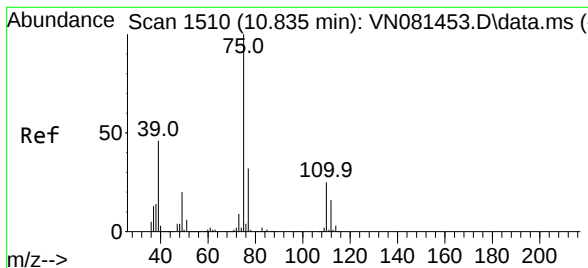
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#52
Toluene
Concen: 18.843 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Tgt Ion: 92 Resp: 271739
Ion Ratio Lower Upper
92 100
91 178.5 139.4 209.0





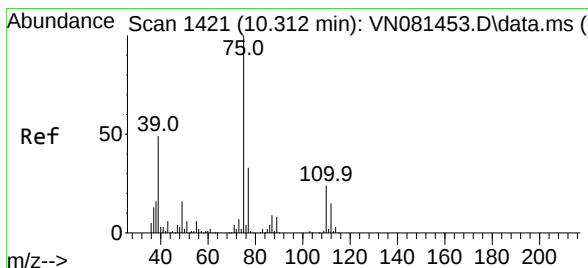
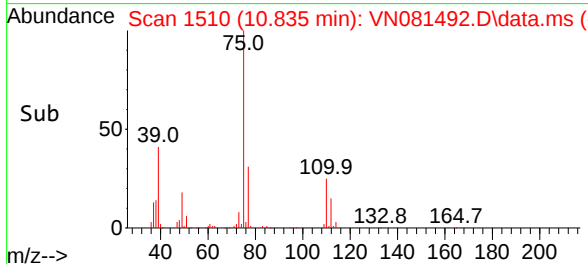
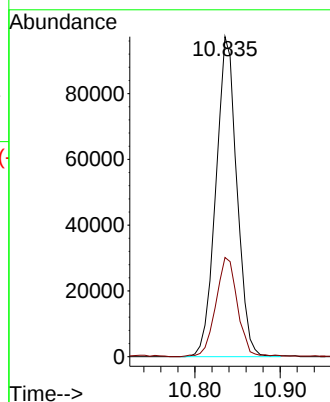
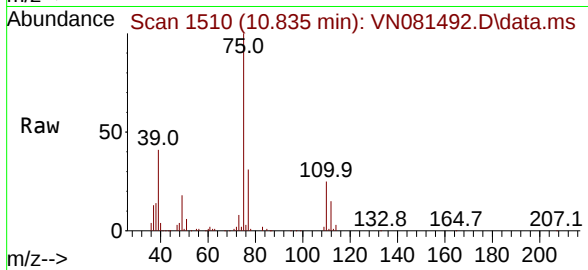
#53
t-1,3-Dichloropropene
Concen: 18.871 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 75 Resp: 166375
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3

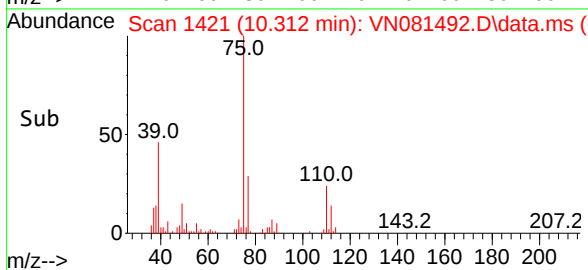
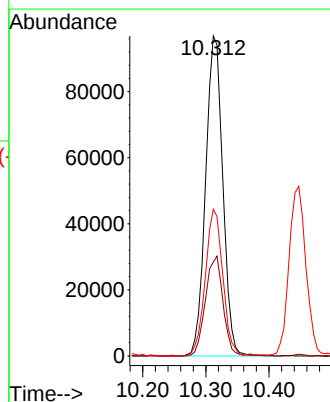
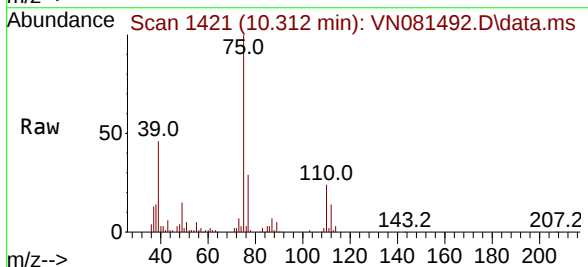
Manual Integrations
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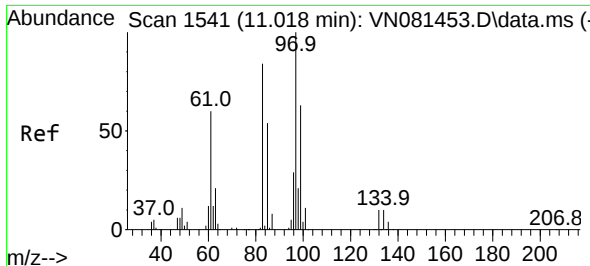
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#54
cis-1,3-Dichloropropene
Concen: 19.351 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

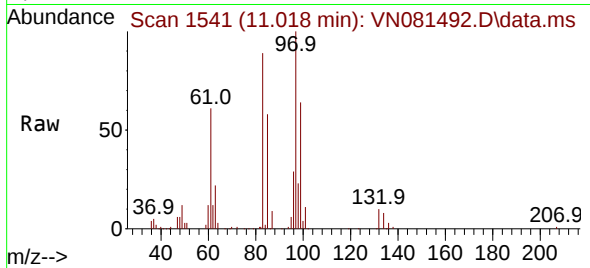
Tgt Ion: 75 Resp: 182918
Ion Ratio Lower Upper
75 100
77 29.4 23.3 34.9
39 45.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 18.569 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

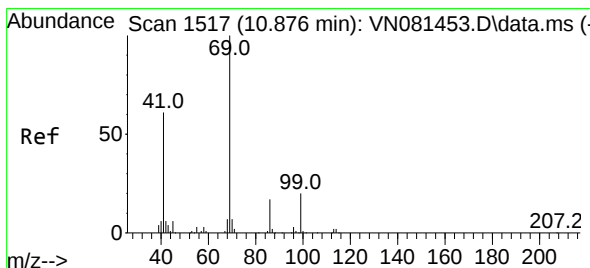
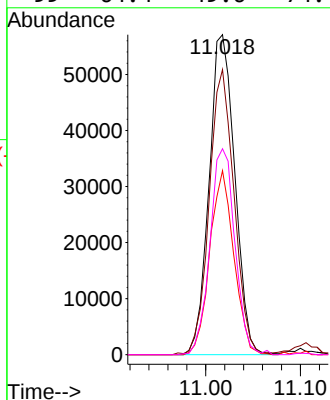
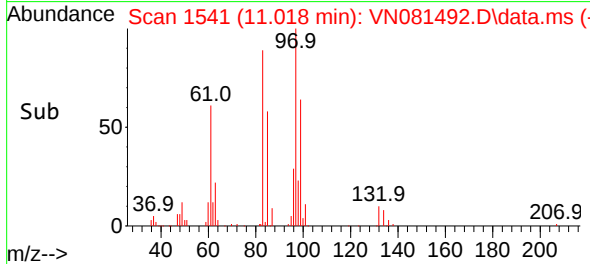
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 97 Resp: 107770
Ion Ratio Lower Upper
97 100
83 88.6 72.9 109.3
85 57.5 50.2 75.2
99 64.4 49.6 74.4

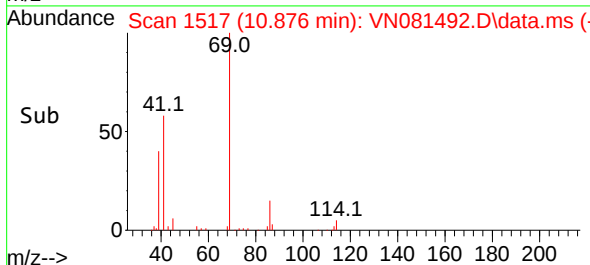
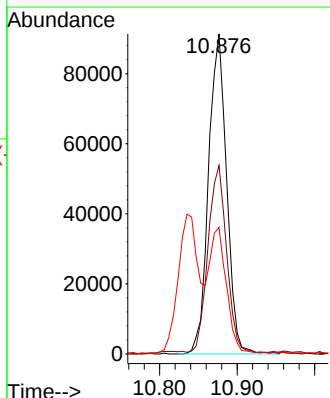
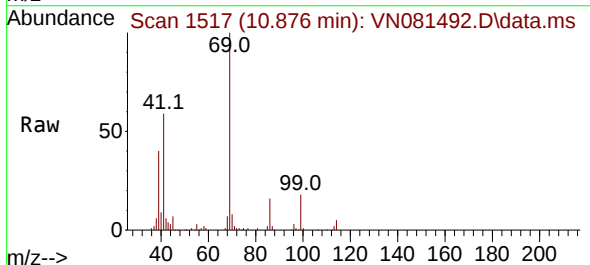
Manual Integrations
APPROVED

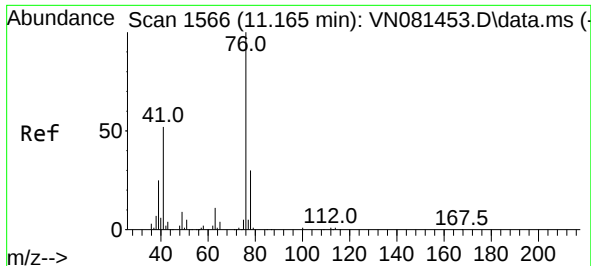
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#56
Ethyl methacrylate
Concen: 18.701 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

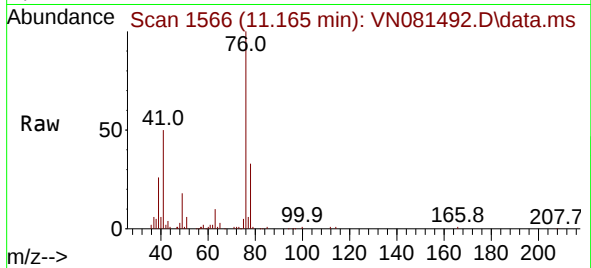
Tgt Ion: 69 Resp: 148355
Ion Ratio Lower Upper
69 100
41 60.4 61.0 91.6#
39 36.0 31.8 47.6





#57
1,3-Dichloropropane
Concen: 19.161 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

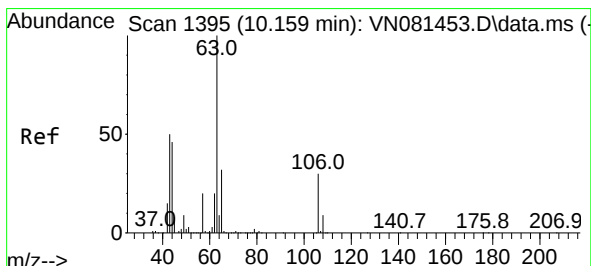
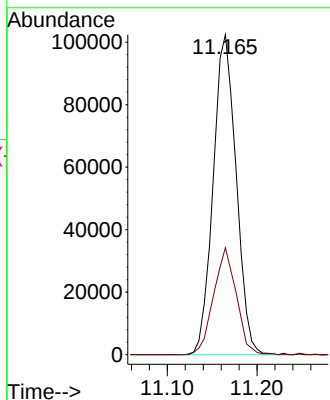
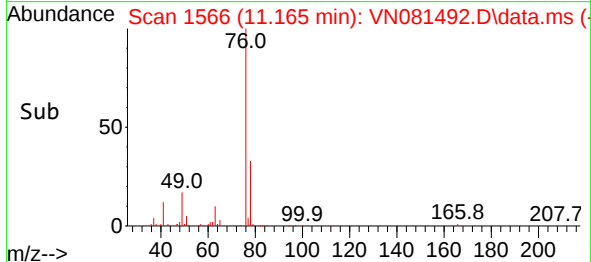
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 76 Resp: 182298
Ion Ratio Lower Upper
76 100
78 33.0 25.5 38.3

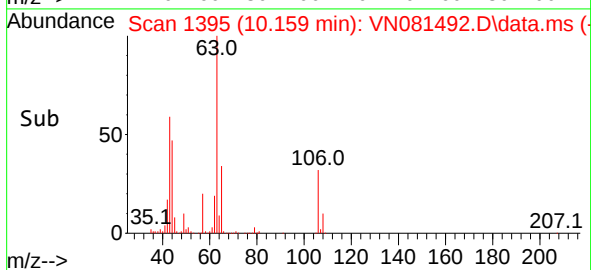
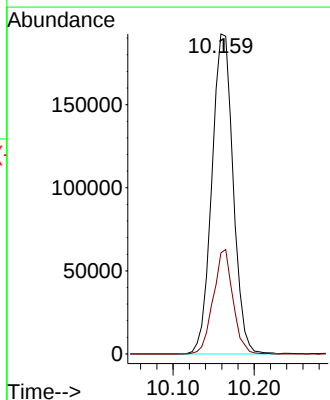
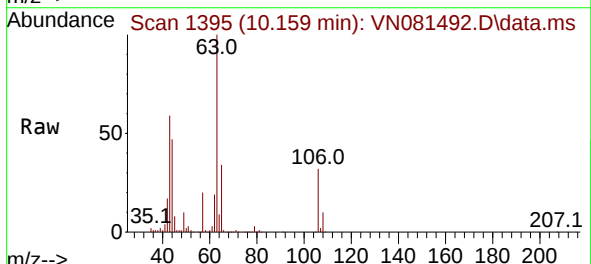
Manual Integrations
APPROVED

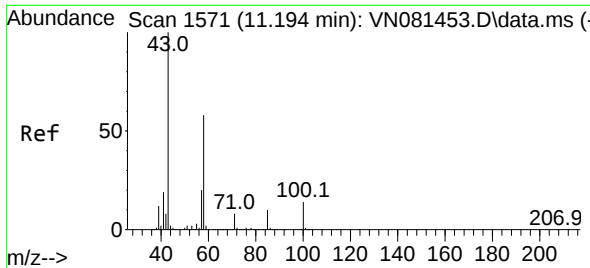
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#58
2-Chloroethyl Vinyl ether
Concen: 96.121 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

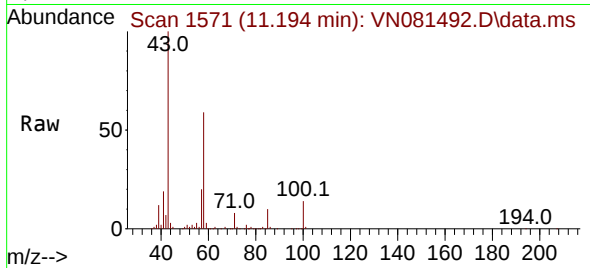
Tgt Ion: 63 Resp: 351016
Ion Ratio Lower Upper
63 100
106 30.2 18.6 28.0#





#59
2-Hexanone
Concen: 88.792 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

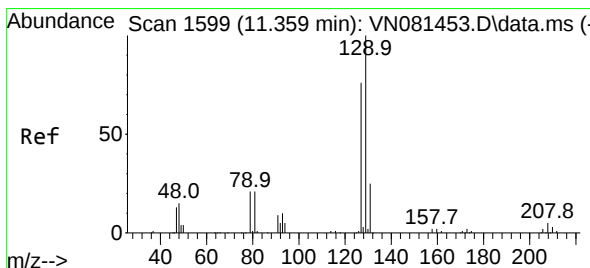
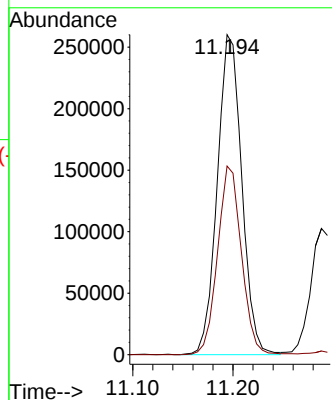
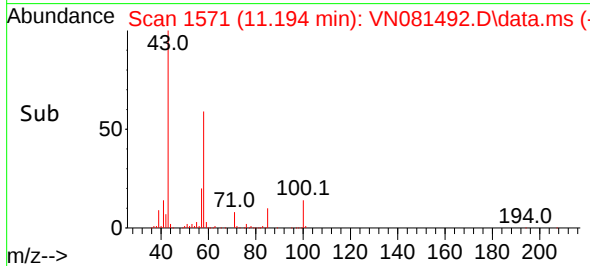
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 43 Resp: 44126
Ion Ratio Lower Upper
43 100
58 57.6 25.9 77.8

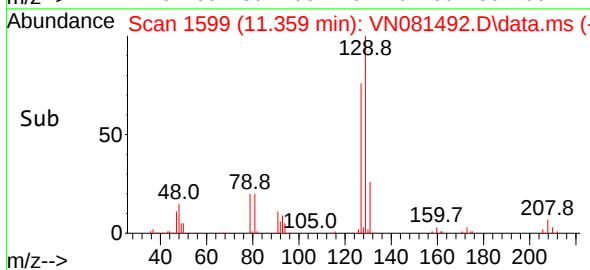
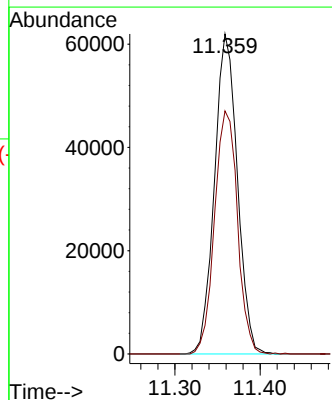
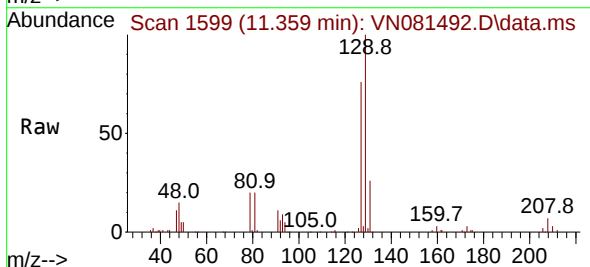
Manual Integrations
APPROVED

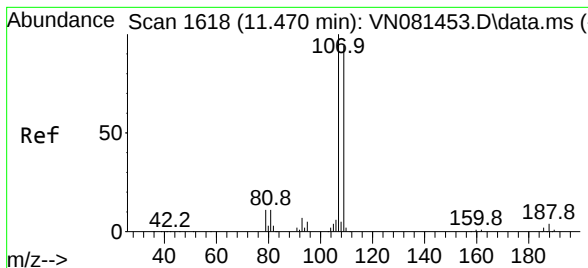
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#60
Dibromochloromethane
Concen: 18.175 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

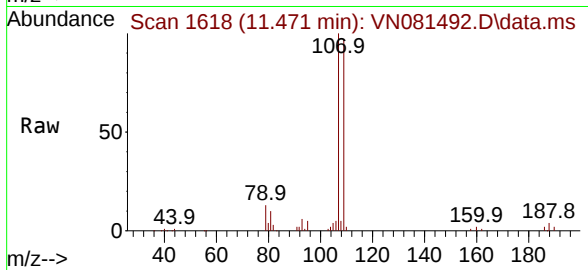
Tgt Ion:129 Resp: 116007
Ion Ratio Lower Upper
129 100
127 75.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 18.384 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

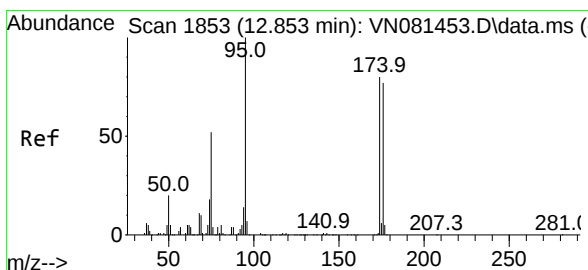
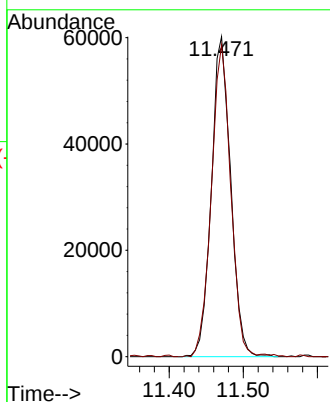
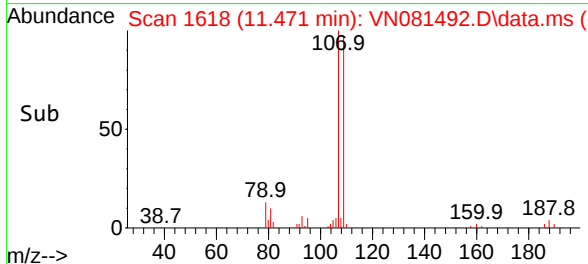
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



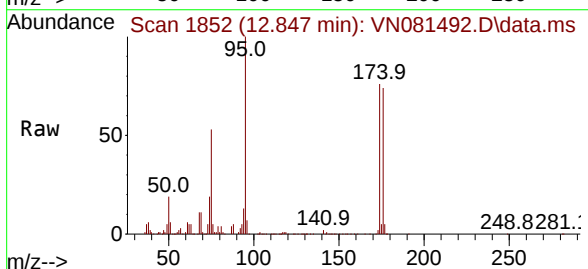
Tgt Ion:107 Resp: 108770
Ion Ratio Lower Upper
107 100
109 97.7 73.4 110.2

Manual Integrations
APPROVED

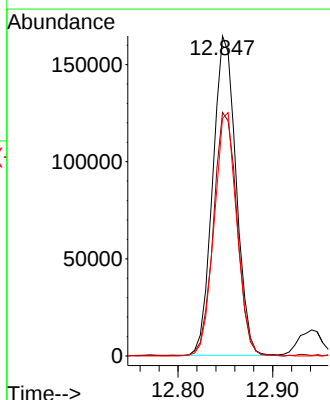
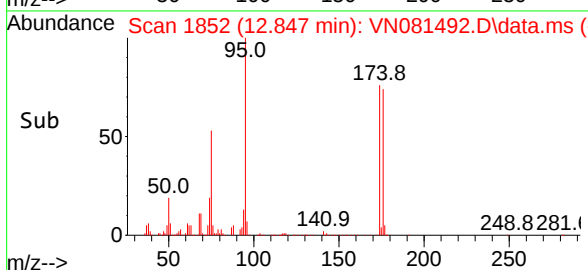
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

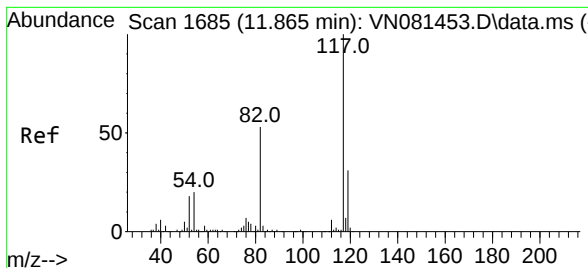


#62
4-Bromofluorobenzene
Concen: 47.823 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35



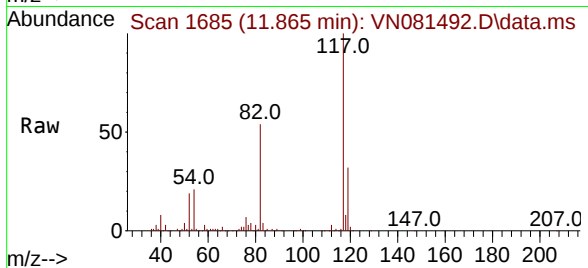
Tgt Ion: 95 Resp: 280914
Ion Ratio Lower Upper
95 100
174 77.3 0.0 120.4
176 74.7 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

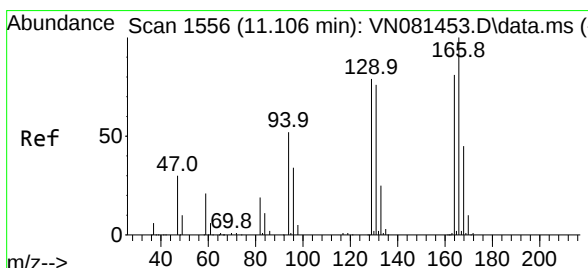
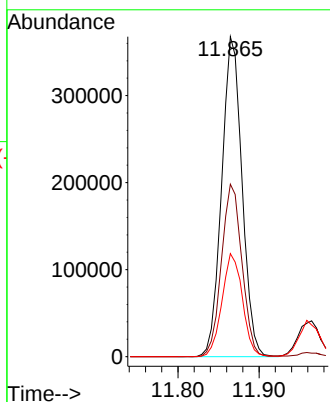
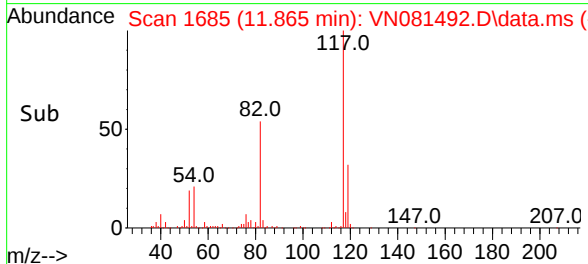
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion:117 Resp: 64068
Ion Ratio Lower Upper
117 100
82 53.9 52.7 79.1
119 32.2 25.3 37.9

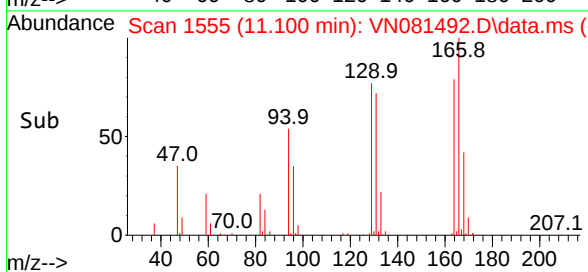
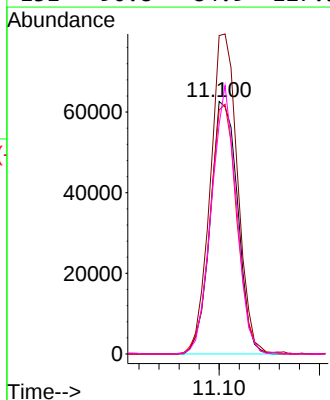
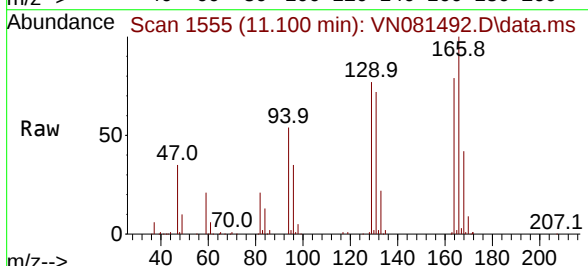
Manual Integrations
APPROVED

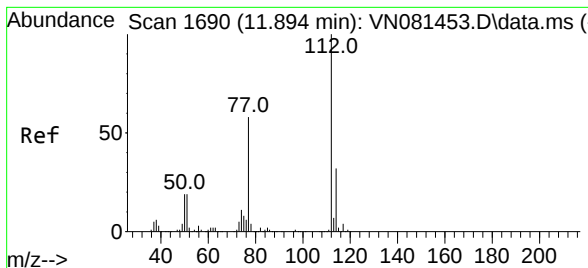
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#64
Tetrachloroethene
Concen: 19.335 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Tgt Ion:164 Resp: 118412
Ion Ratio Lower Upper
164 100
166 126.1 105.8 158.6
129 96.6 89.6 134.4
131 90.8 84.9 127.3





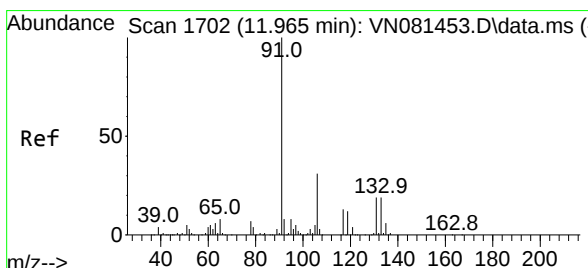
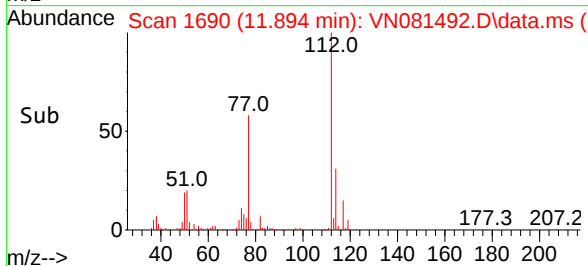
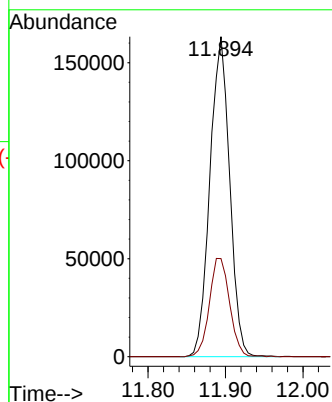
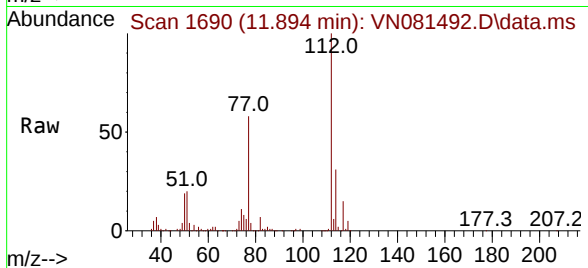
#65
Chlorobenzene
Concen: 19.072 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion:112 Resp: 288859
Ion Ratio Lower Upper
112 100
114 30.6 23.7 35.5

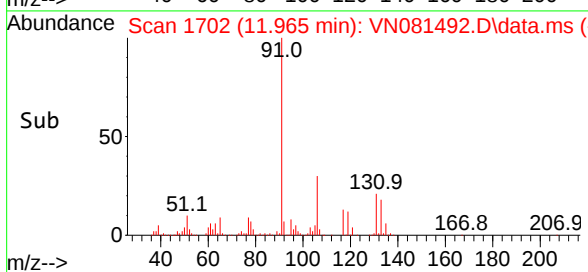
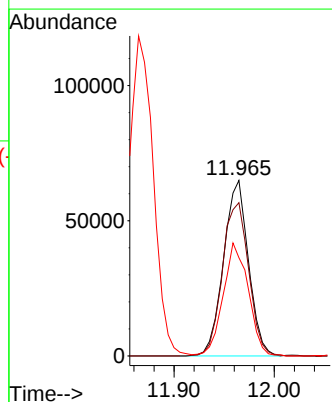
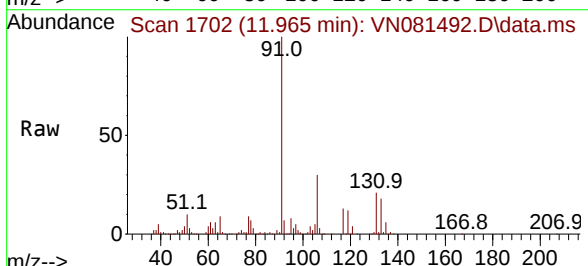
Manual Integrations
APPROVED

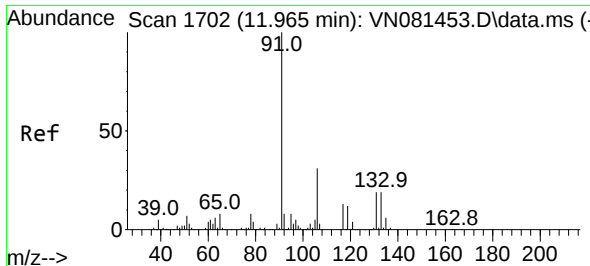
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.987 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Tgt Ion:131 Resp: 112199
Ion Ratio Lower Upper
131 100
133 92.3 46.8 140.3
119 64.9 34.6 103.9





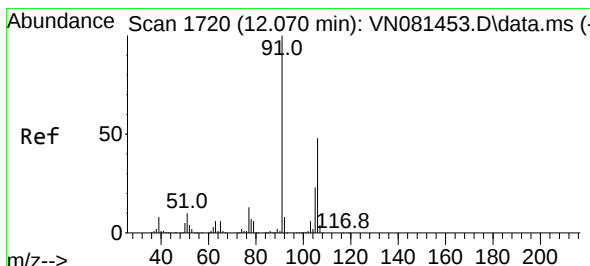
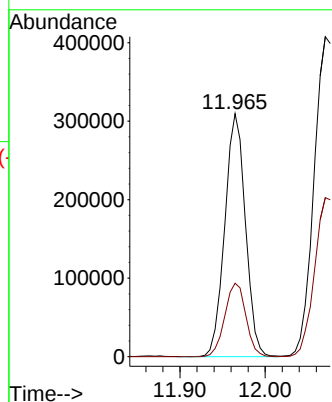
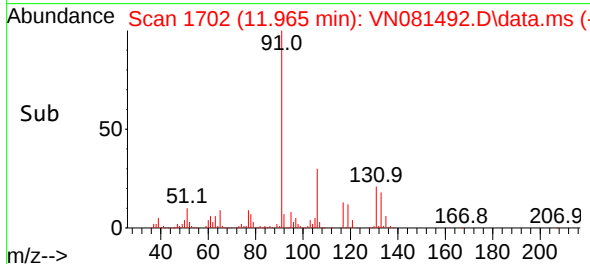
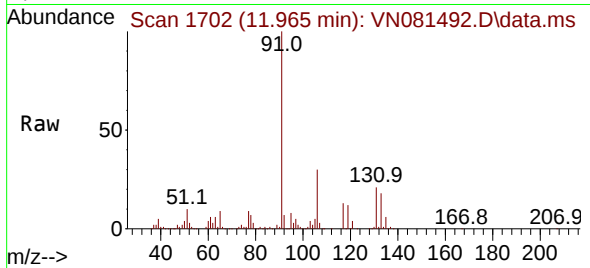
#67
Ethyl Benzene
Concen: 19.790 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 91 Resp: 520659
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

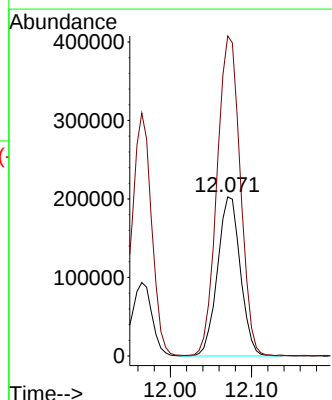
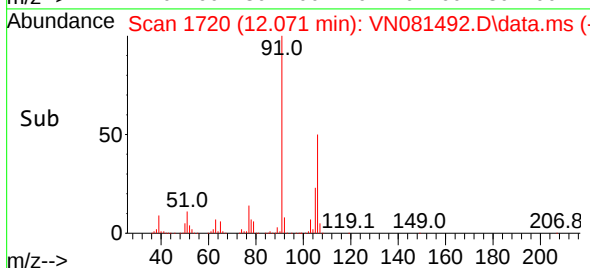
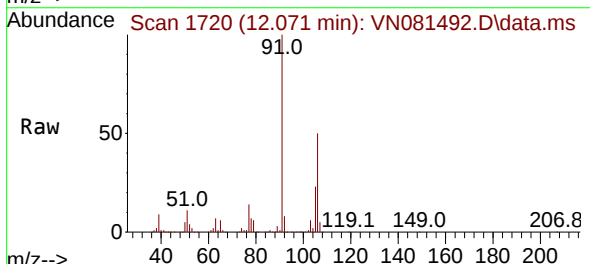
Manual Integrations
APPROVED

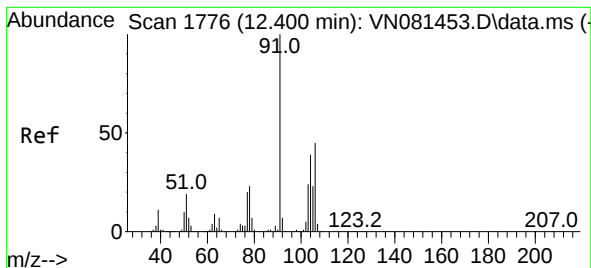
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#68
m/p-Xylenes
Concen: 40.254 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

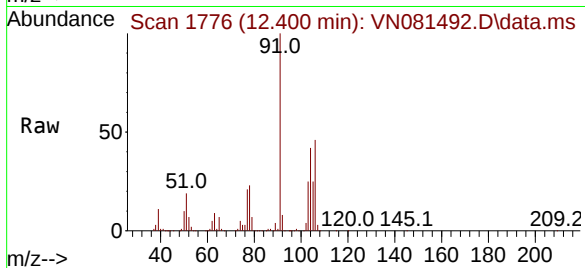
Tgt Ion:106 Resp: 397028
Ion Ratio Lower Upper
106 100
91 204.7 169.0 253.6





#69
o-Xylene
Concen: 19.752 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

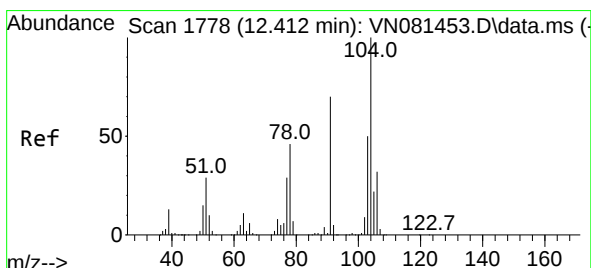
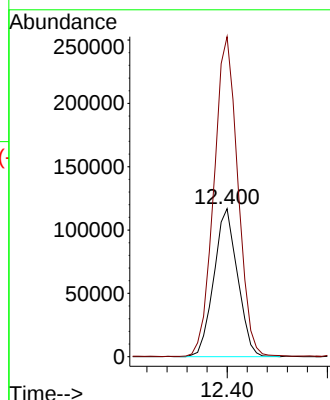
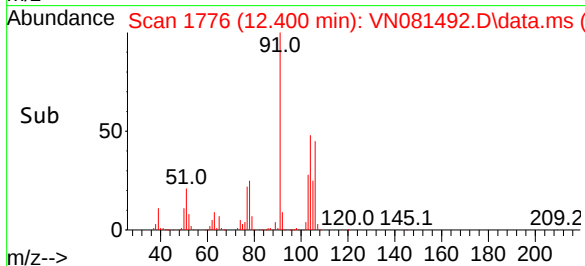
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion:106 Resp: 191250
Ion Ratio Lower Upper
106 100
91 218.1 112.1 336.3

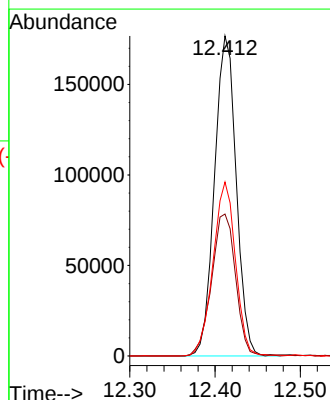
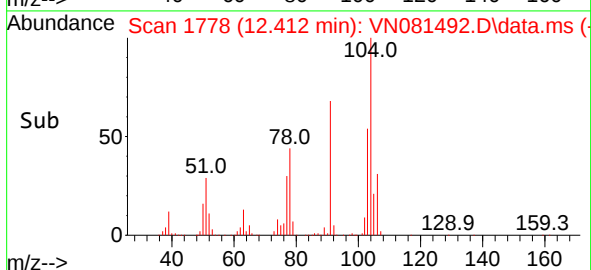
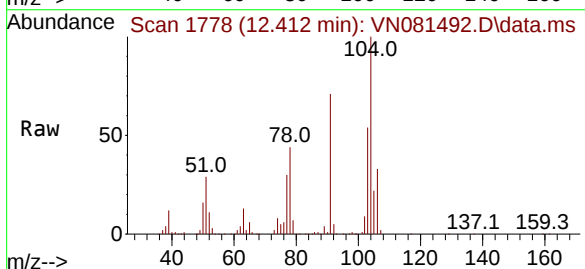
Manual Integrations
APPROVED

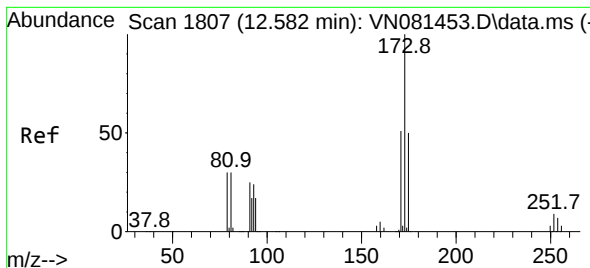
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#70
Styrene
Concen: 20.047 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Tgt Ion:104 Resp: 313063
Ion Ratio Lower Upper
104 100
78 48.8 43.8 65.8
103 56.3 44.2 66.2





#71

Bromoform

Concen: 18.190 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

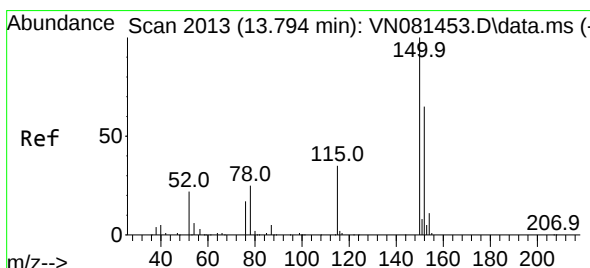
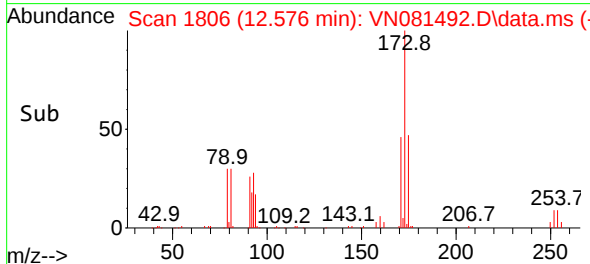
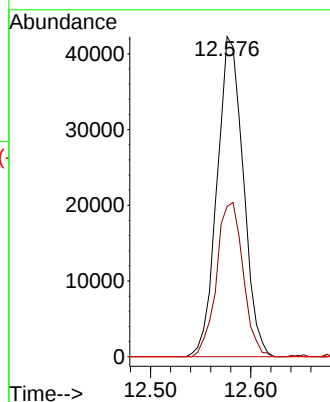
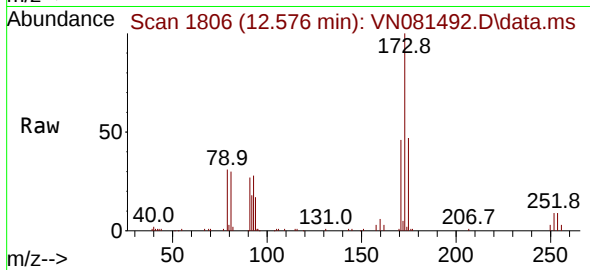
Tgt Ion:173 Resp: 76732
 Ion Ratio Lower Upper
 173 100
 175 48.9 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

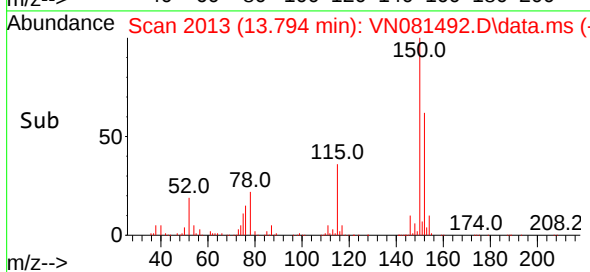
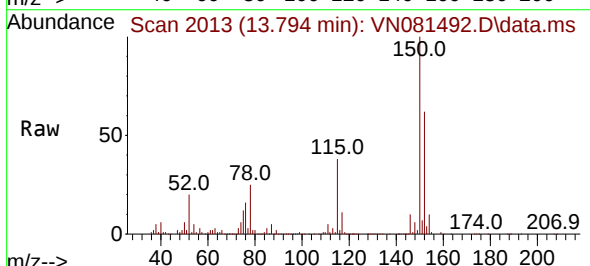
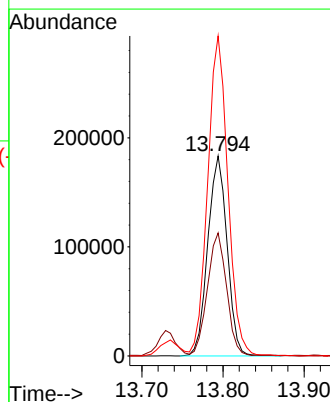
RT: 13.794 min Scan# 2013

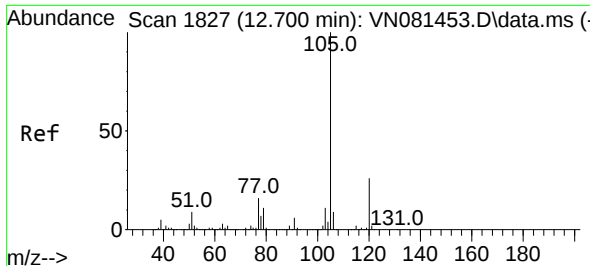
Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

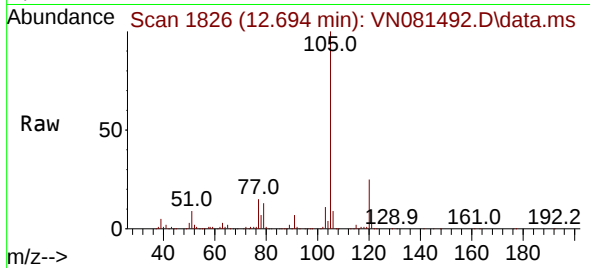
Tgt Ion:152 Resp: 303057
 Ion Ratio Lower Upper
 152 100
 115 60.5 32.3 96.8
 150 167.0 0.0 339.8





#73
Isopropylbenzene
Concen: 19.741 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

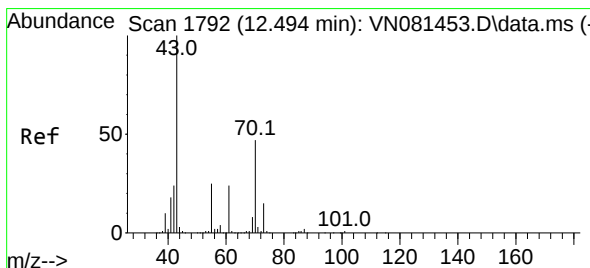
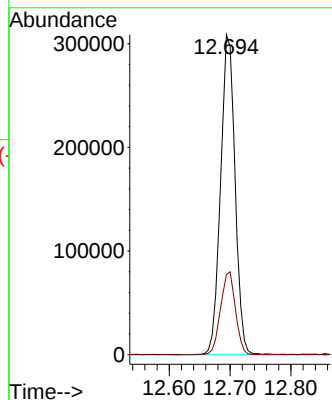
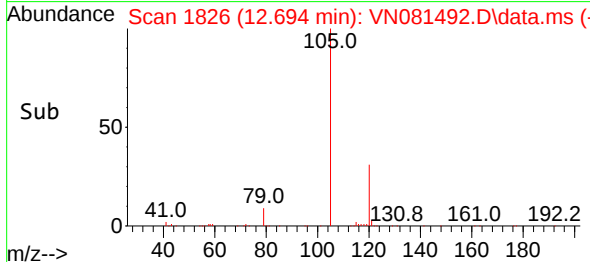
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion:105 Resp: 509960
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6

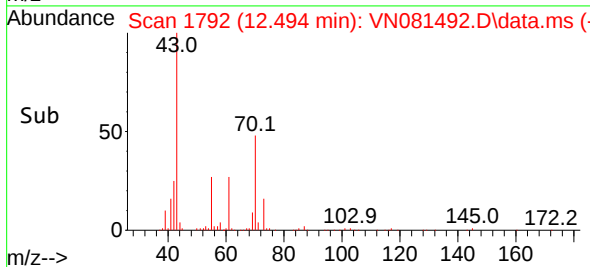
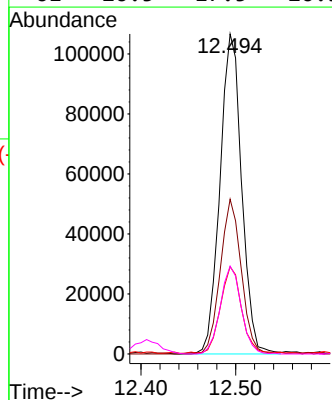
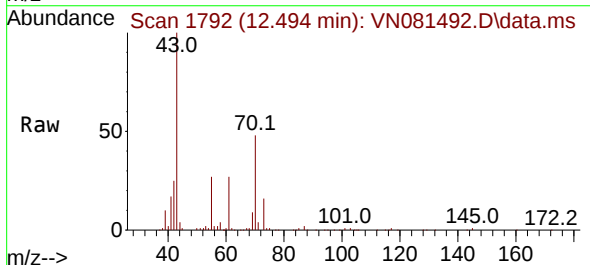
Manual Integrations
APPROVED

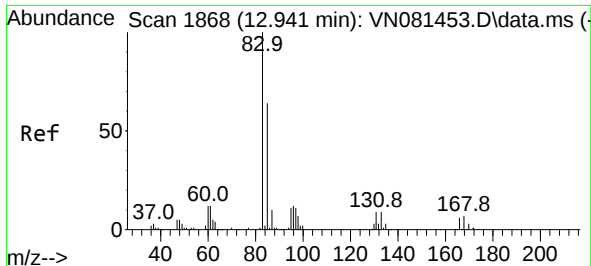
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#74
N-ethyl acetate
Concen: 18.183 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

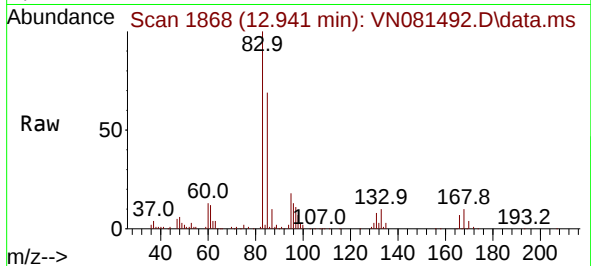
Tgt Ion: 43 Resp: 169983
Ion Ratio Lower Upper
43 100
70 47.1 30.1 45.1#
55 26.0 17.0 25.4#
61 26.5 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.197 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

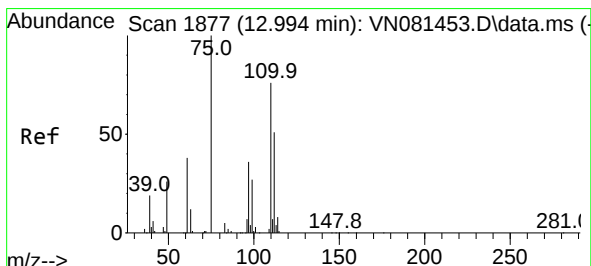
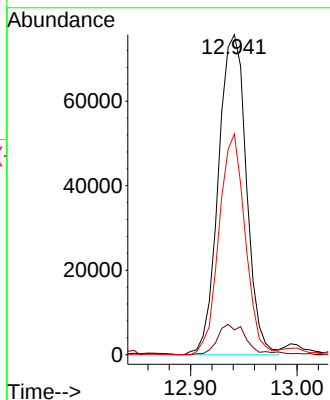
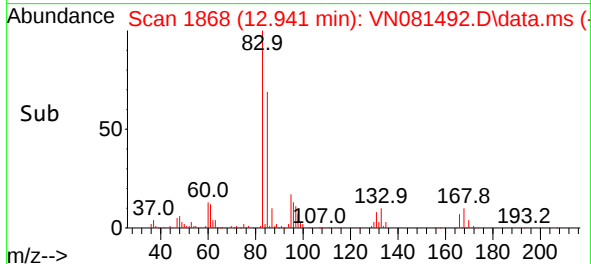
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 83 Resp: 138214
Ion Ratio Lower Upper
83 100
131 10.0 4.1 12.3
85 64.6 32.1 96.3

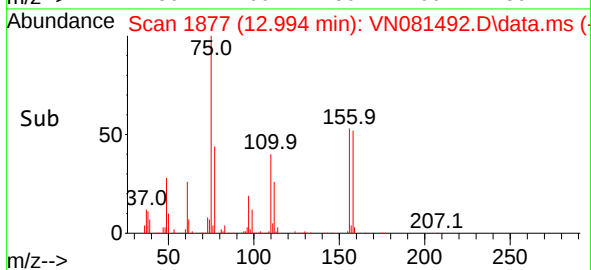
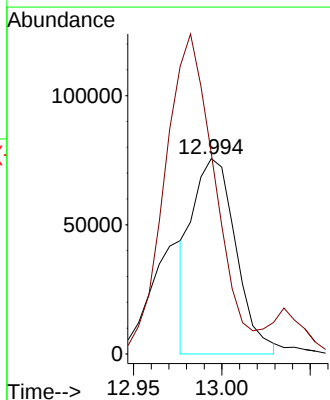
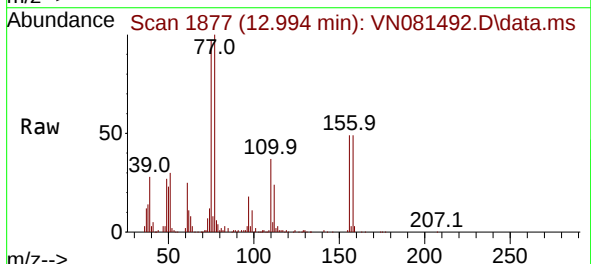
Manual Integrations
APPROVED

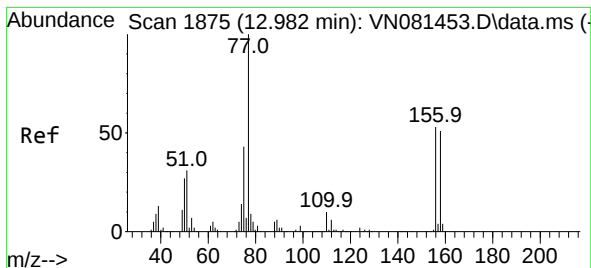
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#76
1,2,3-Trichloropropane
Concen: 17.824 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Tgt Ion: 75 Resp: 129209
Ion Ratio Lower Upper
75 100
77 188.5 91.0 272.8





#77

Bromobenzene

Concen: 18.423 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

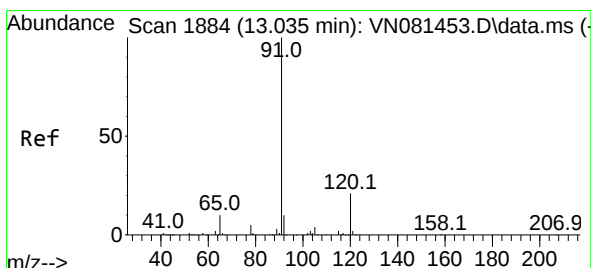
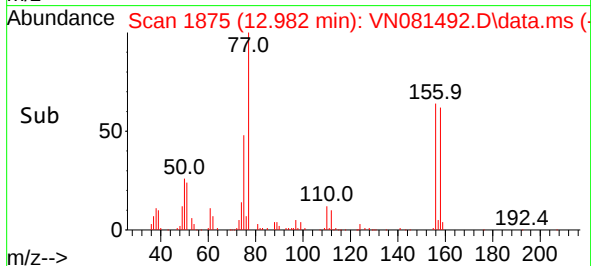
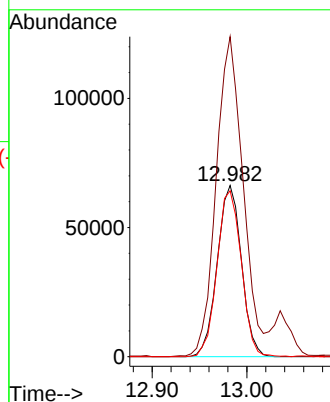
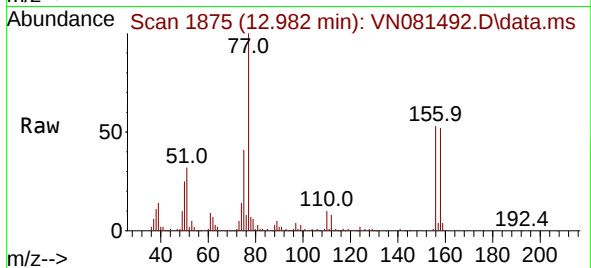
Tgt Ion:156 Resp: 11756
 Ion Ratio Lower Upper
 156 100
 77 207.2 138.1 414.3
 158 97.4 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#78

n-propylbenzene

Concen: 19.445 ug/l

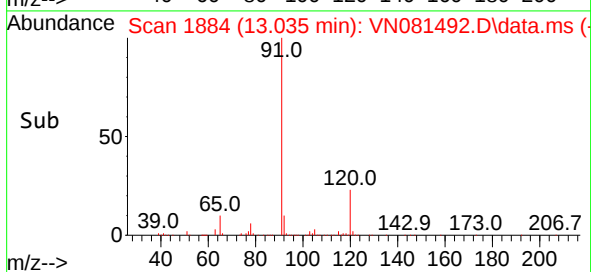
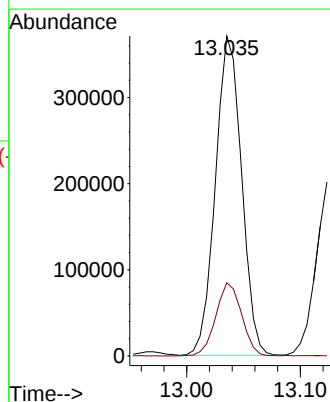
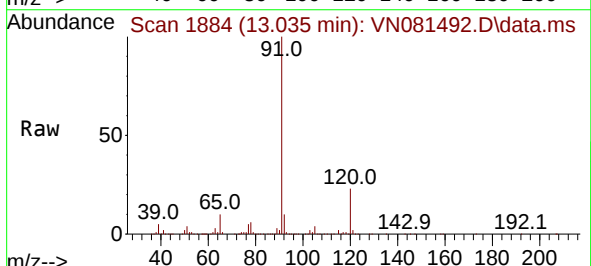
RT: 13.035 min Scan# 1884

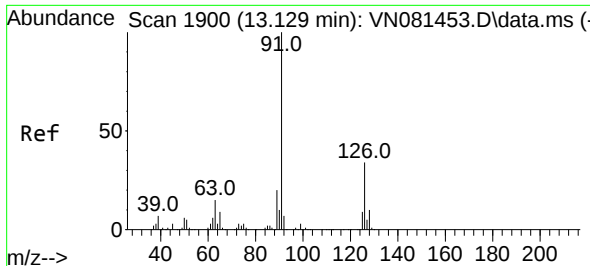
Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Tgt Ion: 91 Resp: 593219
 Ion Ratio Lower Upper
 91 100
 120 22.6 10.3 30.9





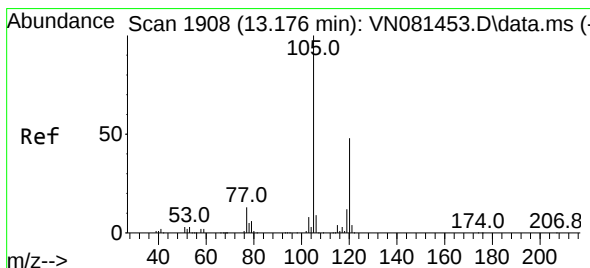
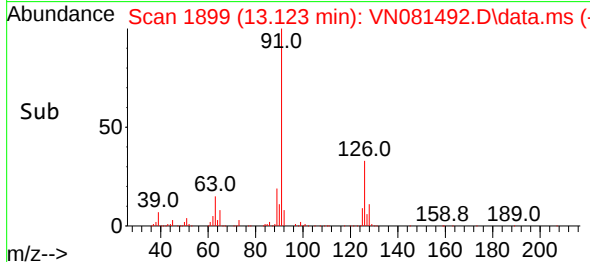
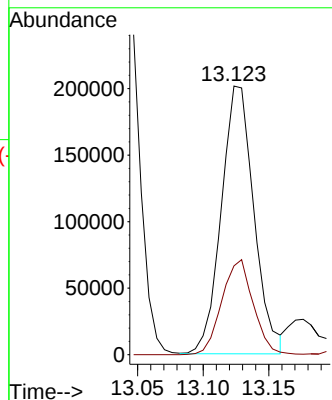
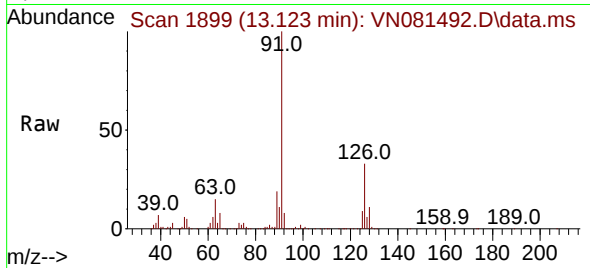
#79
2-Chlorotoluene
Concen: 19.093 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

Tgt Ion: 91 Resp: 348620
Ion Ratio Lower Upper
91 100
126 34.2 14.8 44.4

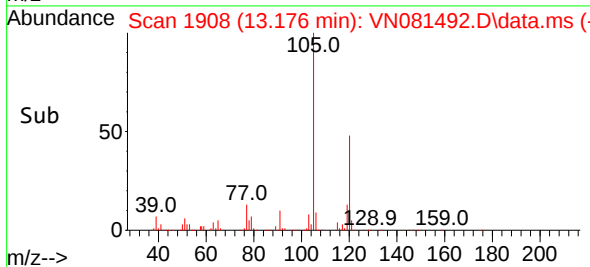
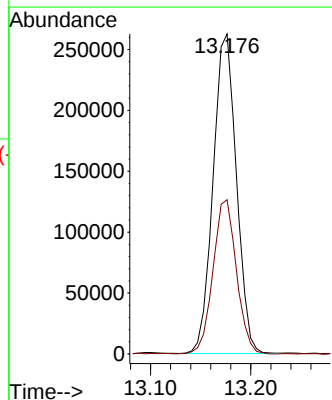
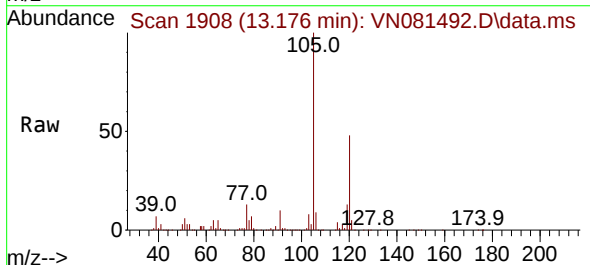
Manual Integrations
APPROVED

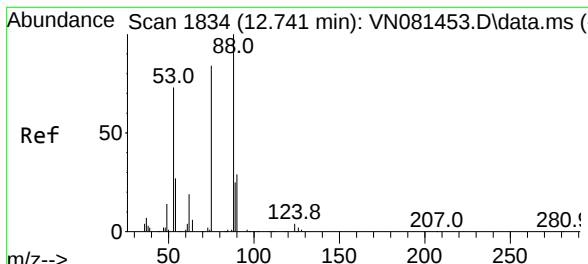
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.862 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

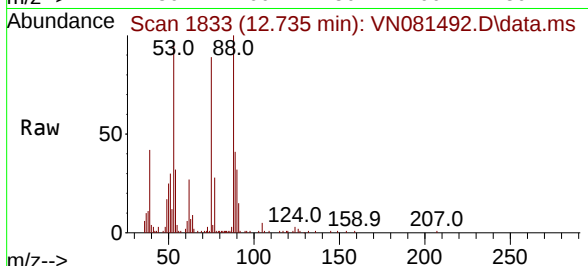
Tgt Ion:105 Resp: 423799
Ion Ratio Lower Upper
105 100
120 48.6 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.921 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

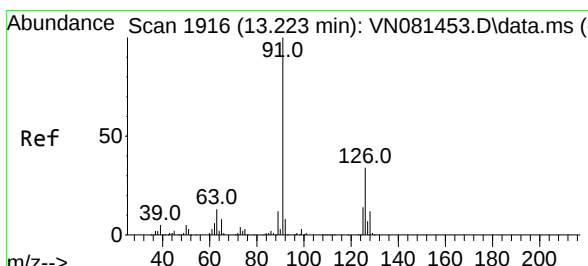
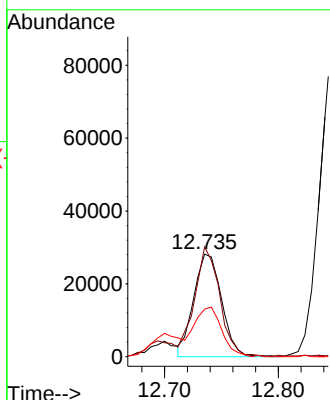
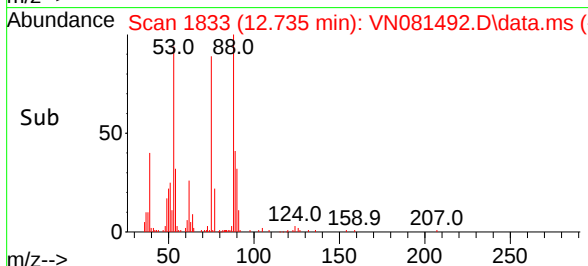
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion: 75 Resp: 48075
Ion Ratio Lower Upper
75 100
53 96.5 71.4 107.2
89 47.2 33.4 50.0

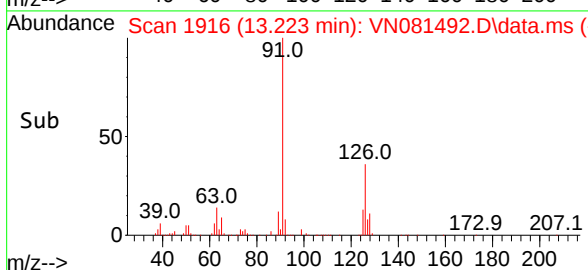
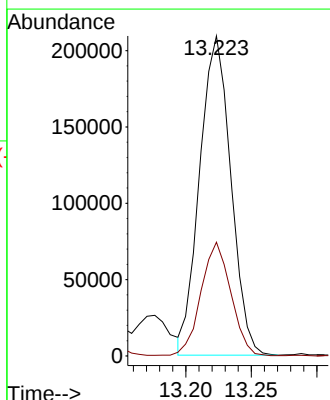
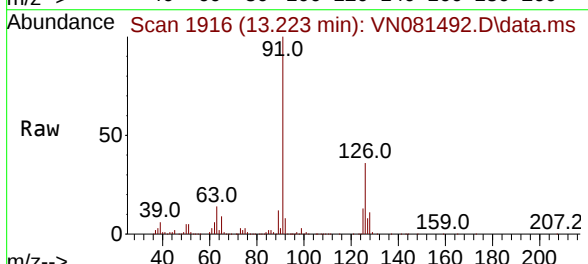
Manual Integrations
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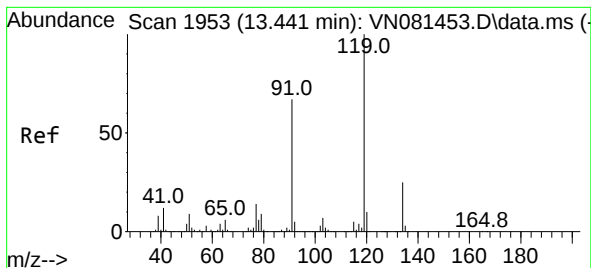
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#82
4-Chlorotoluene
Concen: 19.222 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

Tgt Ion: 91 Resp: 346036
Ion Ratio Lower Upper
91 100
126 34.1 15.3 45.9





#83

tert-Butylbenzene

Concen: 19.595 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion:119 Resp: 360520

Ion Ratio Lower Upper

119 100

91 65.5 36.8 110.4

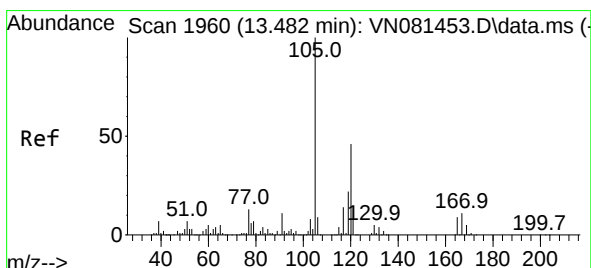
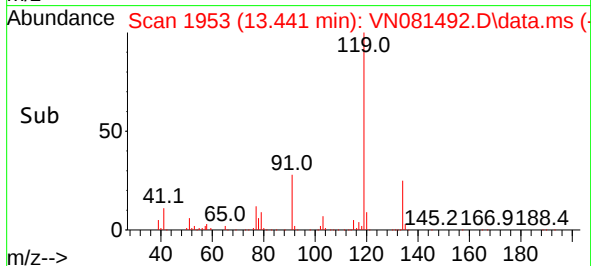
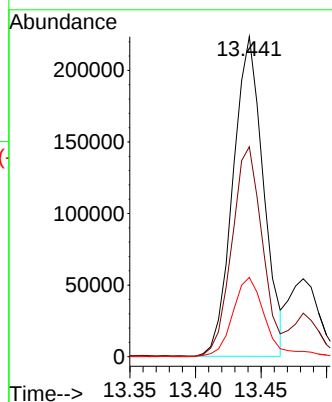
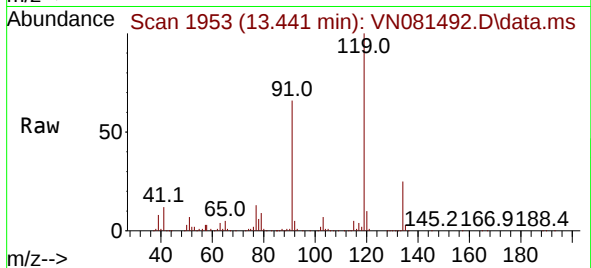
134 26.6 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.158 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081492.D

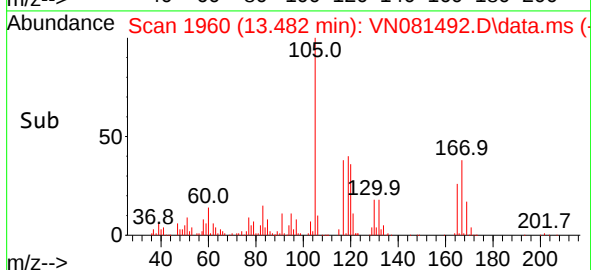
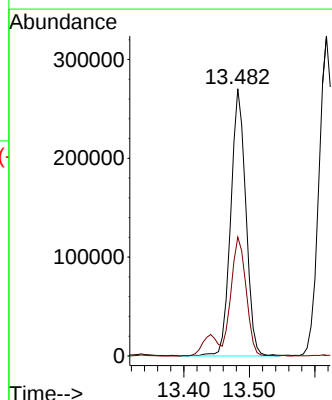
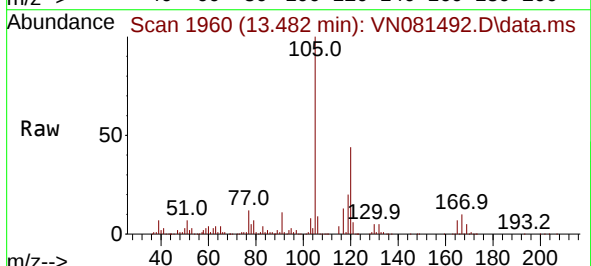
Acq: 20 Mar 2024 14:35

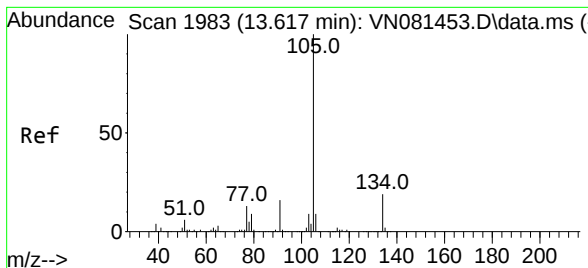
Tgt Ion:105 Resp: 432287

Ion Ratio Lower Upper

105 100

120 43.7 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 19.690 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081492.D
 Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

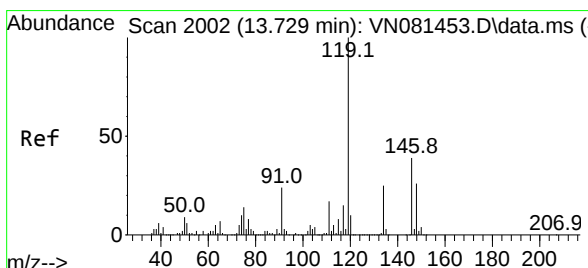
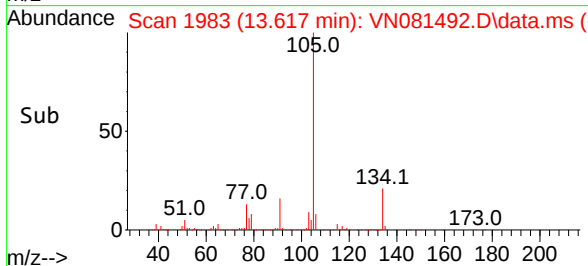
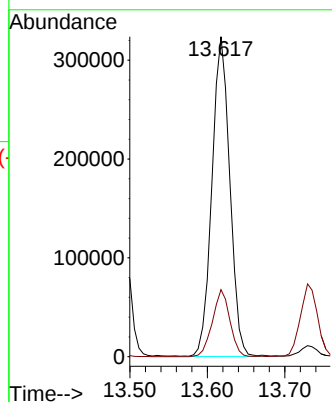
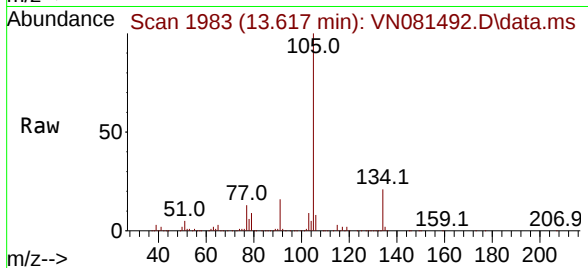
Tgt Ion:105 Resp: 517902
 Ion Ratio Lower Upper
 105 100
 134 20.4 8.6 25.8

Manual Integrations

APPROVED

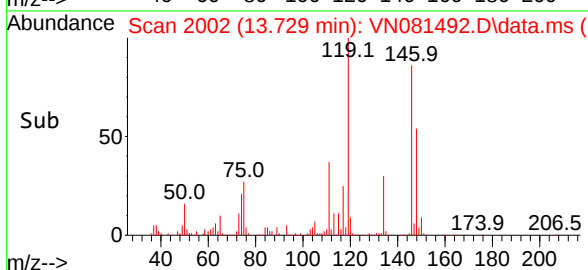
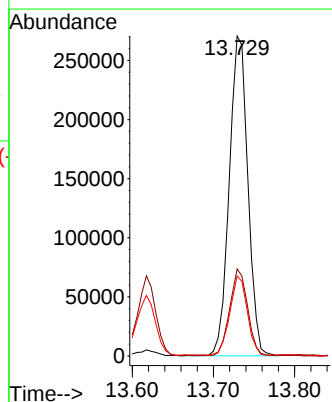
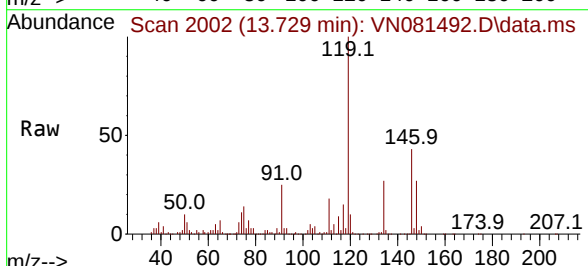
Reviewed By :John Carlone 03/21/2024

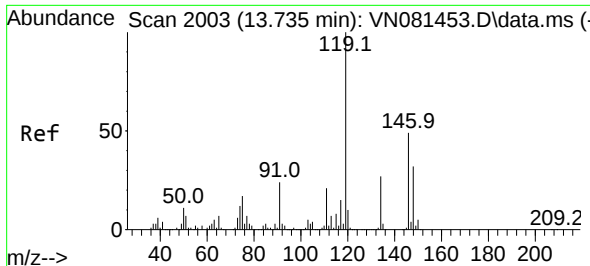
Supervised By :Mahesh Dadoda 03/21/2024



#86
 p-Isopropyltoluene
 Concen: 20.045 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081492.D
 Acq: 20 Mar 2024 14:35

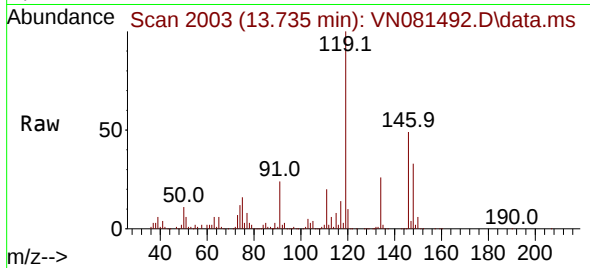
Tgt Ion:119 Resp: 430977
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 23.1 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 18.986 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

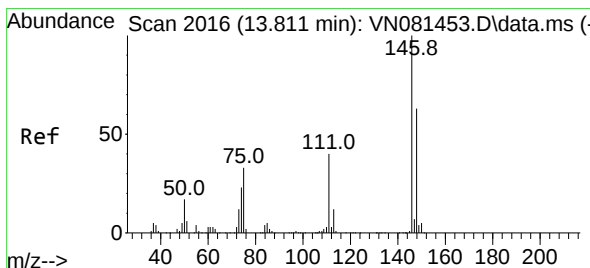
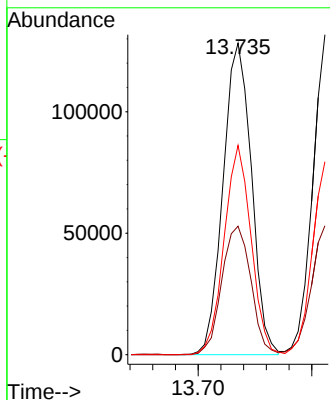
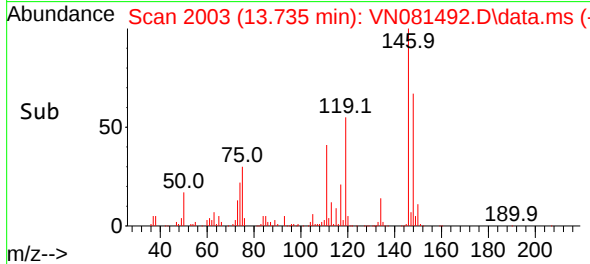
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



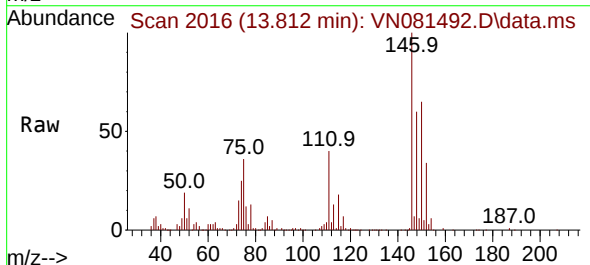
Tgt Ion:146 Resp: 222600
Ion Ratio Lower Upper
146 100
111 42.4 23.9 71.7
148 63.9 32.6 97.7

Manual Integrations
APPROVED

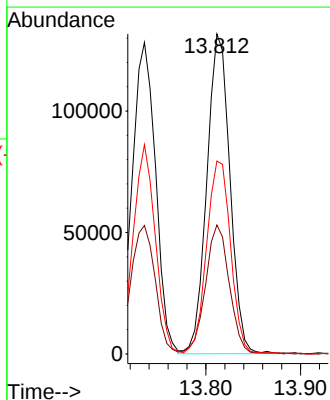
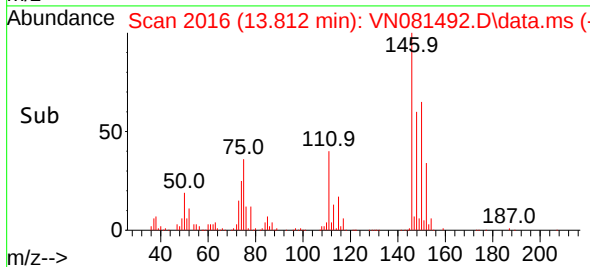
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

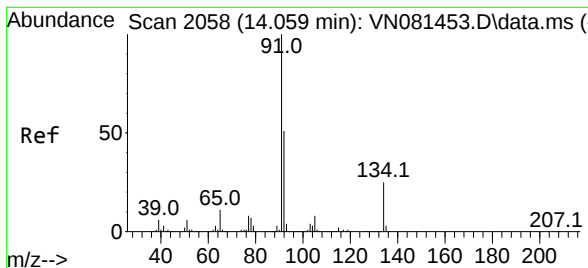


#88
1,4-Dichlorobenzene
Concen: 18.384 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35



Tgt Ion:146 Resp: 223187
Ion Ratio Lower Upper
146 100
111 41.9 22.6 67.7
148 62.9 31.9 95.5





#89

n-Butylbenzene

Concen: 19.040 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion: 91 Resp: 363010

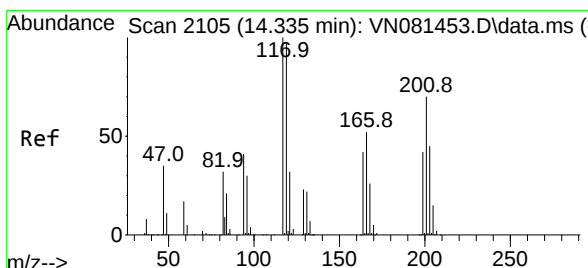
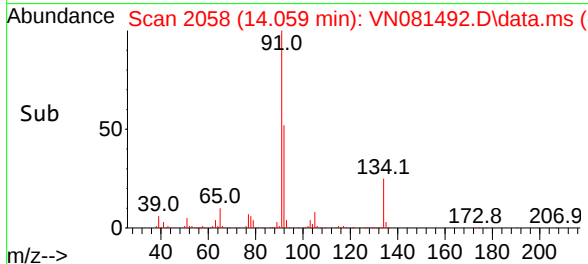
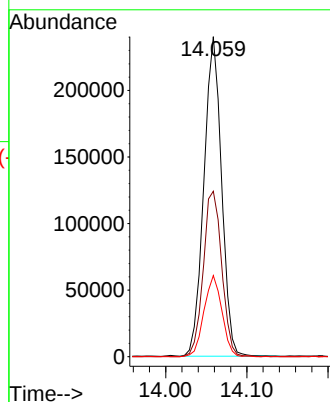
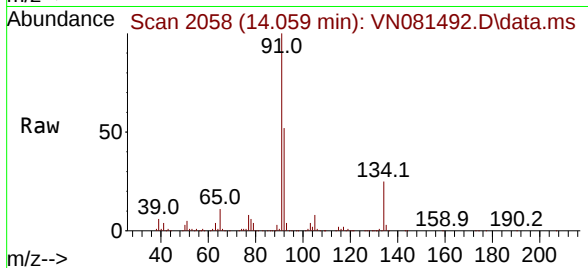
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.7	80.1
134	25.7	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#90

Hexachloroethane

Concen: 19.197 ug/l

RT: 14.335 min Scan# 2105

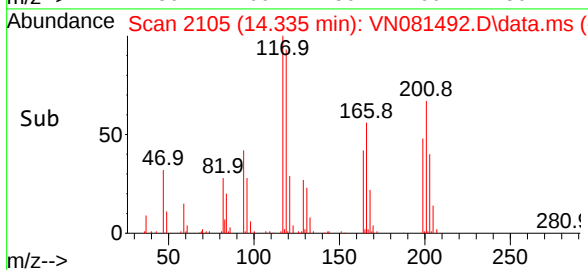
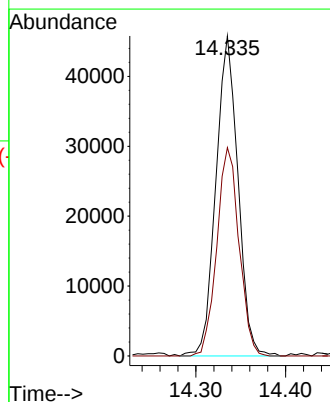
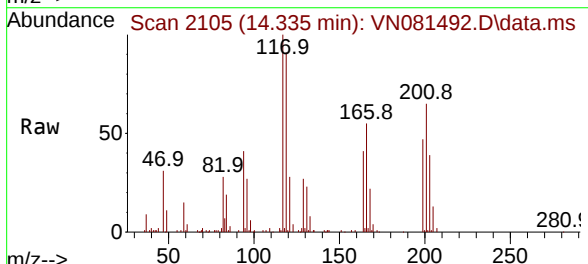
Delta R.T. 0.000 min

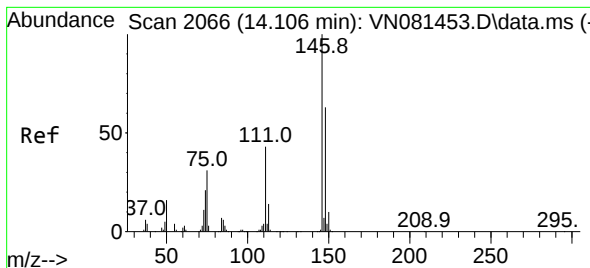
Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Tgt Ion:117 Resp: 78171

Ion	Ratio	Lower	Upper
117	100		
201	65.5	30.0	90.0





#91

1,2-Dichlorobenzene

Concen: 19.206 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

Tgt Ion:146 Resp: 21673

Ion Ratio Lower Upper

146 100

111 41.6 23.9 71.8

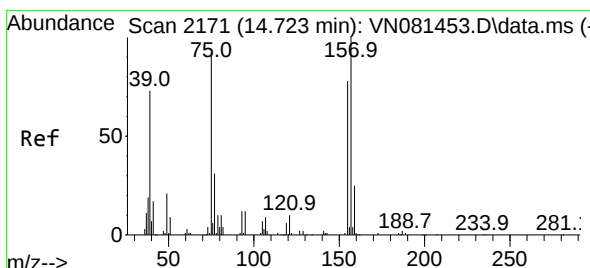
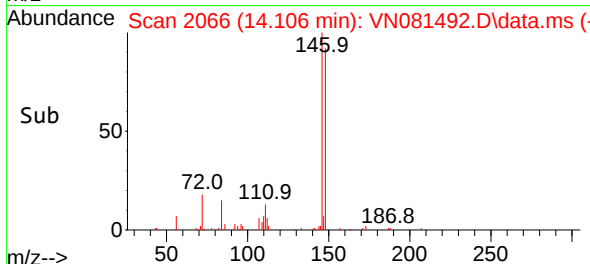
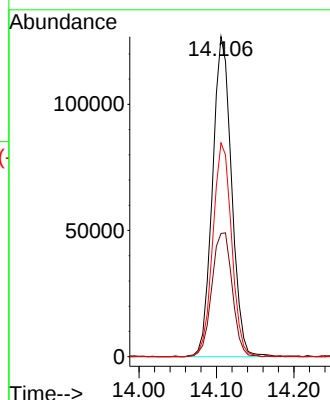
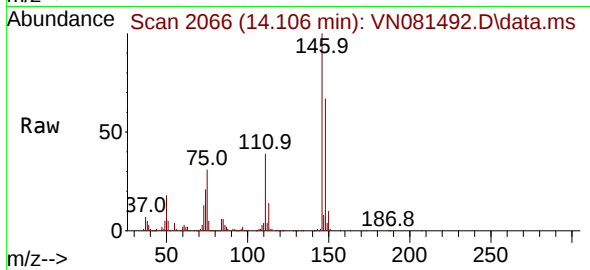
148 65.8 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.022 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN081492.D

Acq: 20 Mar 2024 14:35

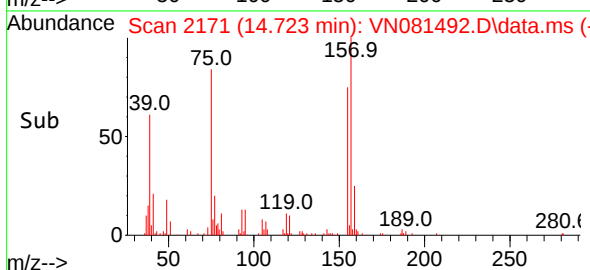
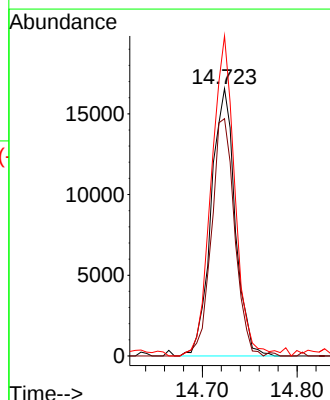
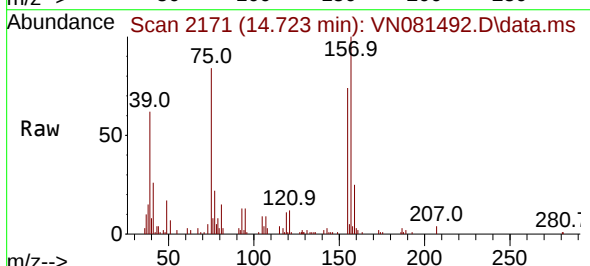
Tgt Ion: 75 Resp: 29131

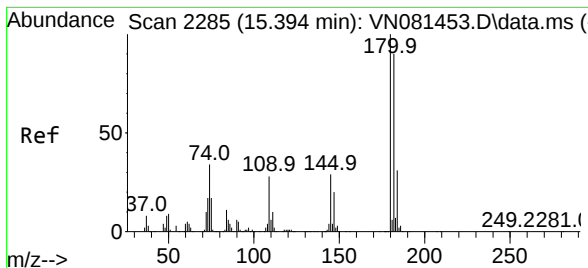
Ion Ratio Lower Upper

75 100

155 85.9 31.8 95.4

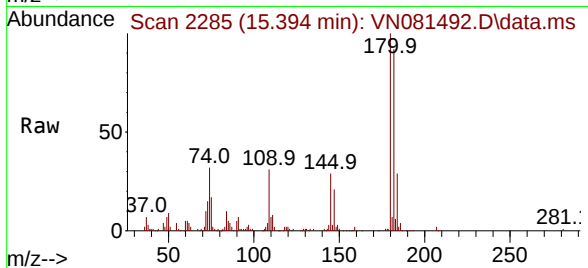
157 117.4 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 19.358 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

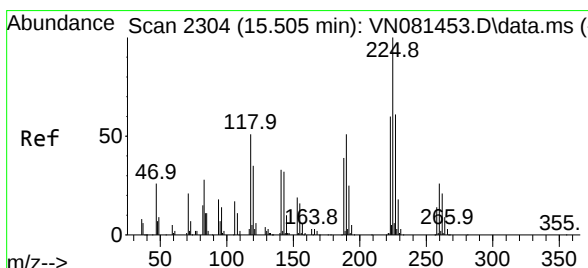
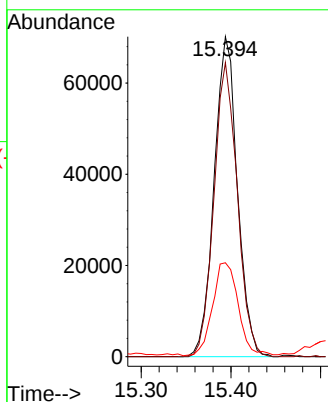
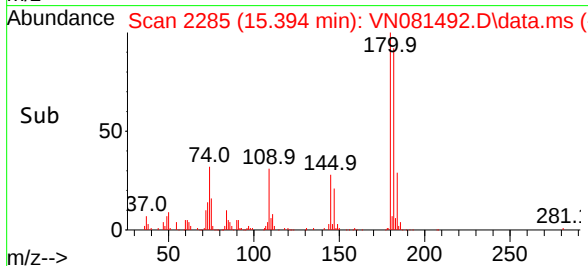
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



Tgt Ion:180 Resp: 126309
Ion Ratio Lower Upper
180 100
182 92.3 46.6 139.7
145 32.0 16.8 50.3

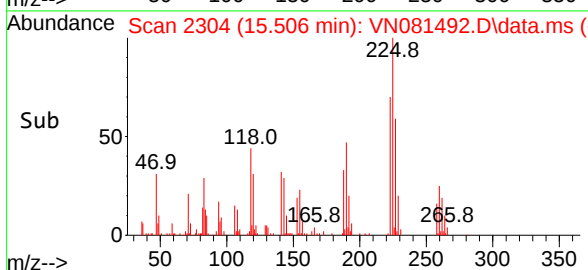
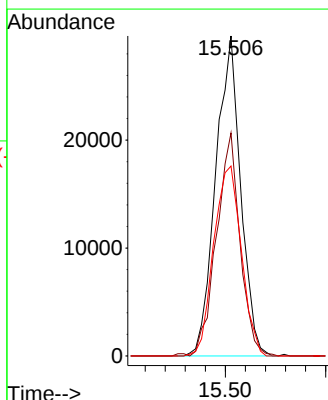
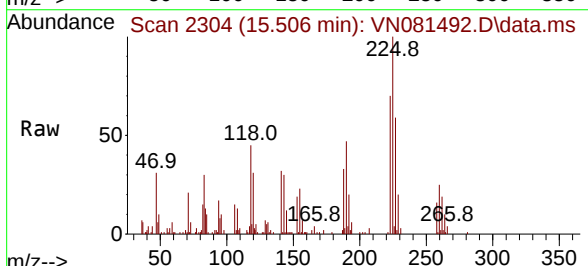
Manual Integrations
APPROVED

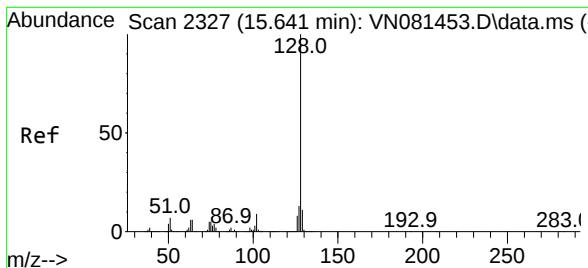
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#94
Hexachlorobutadiene
Concen: 17.864 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

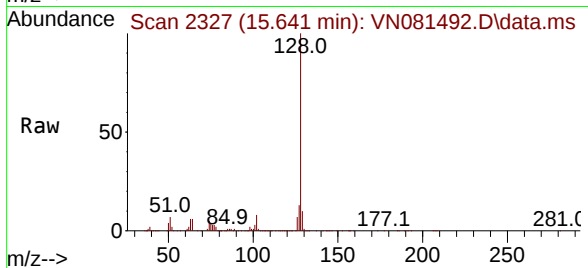
Tgt Ion:225 Resp: 51144
Ion Ratio Lower Upper
225 100
223 65.9 33.3 99.8
227 65.5 33.1 99.2





#95
Naphthalene
Concen: 19.730 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35

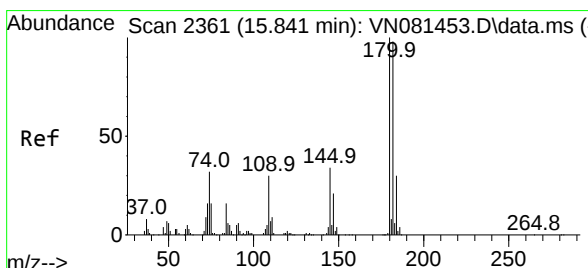
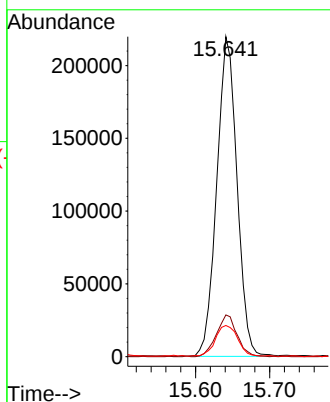
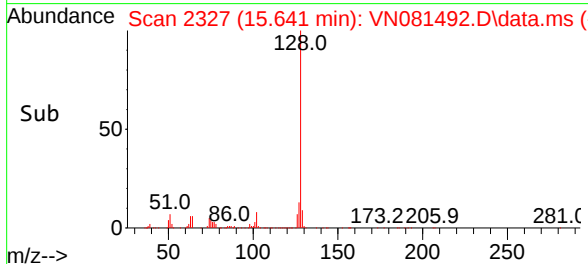
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01



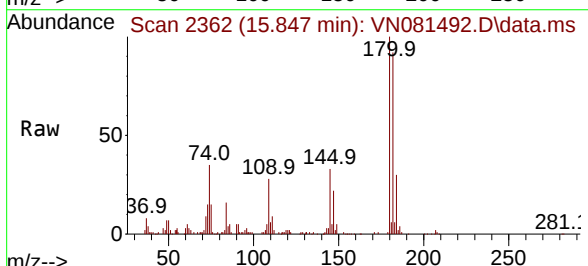
Tgt Ion:128 Resp: 417154
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.074 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081492.D
Acq: 20 Mar 2024 14:35



Tgt Ion:180 Resp: 125188
Ion Ratio Lower Upper
180 100
182 94.9 46.5 139.3
145 36.4 17.8 53.4

