

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081465.D
 Acq On : 19 Mar 2024 12:59
 Operator : JC\MD
 Sample : VN0319WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2024
 Supervised By : Mahesh Dadoda 03/20/2024

Quant Time: Mar 20 01:15:57 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	413783	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	706679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	616584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	290769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	260999	49.461	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.920%		
35) Dibromofluoromethane	8.165	113	221053	49.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.120%		
50) Toluene-d8	10.565	98	792430	49.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.300%		
62) 4-Bromofluorobenzene	12.847	95	266415	46.898	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	101257	18.174	ug/l	96
3) Chloromethane	2.360	50	100266	18.075	ug/l	# 88
4) Vinyl Chloride	2.518	62	110227	17.706	ug/l	100
5) Bromomethane	2.971	94	78930	17.927	ug/l	95
6) Chloroethane	3.124	64	76241	17.836	ug/l	91
7) Trichlorofluoromethane	3.501	101	171643	18.499	ug/l	95
8) Diethyl Ether	3.959	74	61912	20.163	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	98542	18.692	ug/l	# 89
10) Methyl Iodide	4.595	142	98111	18.688	ug/l	99
11) Tert butyl alcohol	5.518	59	73104	79.497	ug/l	# 84
12) 1,1-Dichloroethene	4.342	96	89385	18.304	ug/l	86
13) Acrolein	4.177	56	82694	100.215	ug/l	98
14) Allyl chloride	5.024	41	107090	17.501	ug/l	# 77
15) Acrylonitrile	5.718	53	218871	88.968	ug/l	98
16) Acetone	4.424	43	142932	83.814	ug/l	92
17) Carbon Disulfide	4.712	76	248226	17.713	ug/l	97
18) Methyl Acetate	5.018	43	97508	18.546	ug/l	# 86
19) Methyl tert-butyl Ether	5.795	73	292033	19.109	ug/l	96
20) Methylene Chloride	5.271	84	100829	18.050	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	100067	18.378	ug/l	88
22) Diisopropyl ether	6.671	45	280686	19.742	ug/l	# 91
23) Vinyl Acetate	6.600	43	1084043	95.788	ug/l	# 90
24) 1,1-Dichloroethane	6.571	63	181013	19.008	ug/l	95
25) 2-Butanone	7.483	43	248443	84.937	ug/l	# 83
26) 2,2-Dichloropropane	7.489	77	159349	19.293	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	116073	18.841	ug/l	85
28) Bromochloromethane	7.812	49	72450	18.679	ug/l	# 52
29) Tetrahydrofuran	7.841	42	165647	84.064	ug/l	# 76
30) Chloroform	7.965	83	194738	19.102	ug/l	99
31) Cyclohexane	8.253	56	158257	18.430	ug/l	# 76
32) 1,1,1-Trichloroethane	8.171	97	172982	18.703	ug/l	# 88
36) 1,1-Dichloropropene	8.371	75	139737	18.618	ug/l	96
37) Ethyl Acetate	7.559	43	111732	17.385	ug/l	98
38) Carbon Tetrachloride	8.365	117	153379	18.655	ug/l	97
39) Methylcyclohexane	9.600	83	157873	18.836	ug/l	94
40) Benzene	8.606	78	422260	19.244	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59103	17.389	ug/l #	90
42) 1,2-Dichloroethane	8.671	62	146063	18.915	ug/l	97
43) Isopropyl Acetate	8.689	43	188563	17.700	ug/l #	91
44) Trichloroethene	9.353	130	112784	18.275	ug/l	95
45) 1,2-Dichloropropane	9.624	63	105949	19.923	ug/l #	84
46) Dibromomethane	9.712	93	74935	18.555	ug/l #	87
47) Bromodichloromethane	9.888	83	152368	19.297	ug/l #	95
48) Methyl methacrylate	9.677	41	90187	18.354	ug/l	87
49) 1,4-Dioxane	9.700	88	35723	302.522	ug/l #	69
51) 4-Methyl-2-Pentanone	10.441	43	563876	86.743	ug/l	91
52) Toluene	10.630	92	262235	18.803	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	156852	18.397	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	170071	18.604	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	101359	18.059	ug/l	93
56) Ethyl methacrylate	10.877	69	140070	18.287	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	174196	18.932	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	361651	102.403	ug/l #	87
59) 2-Hexanone	11.194	43	411929	85.709	ug/l	93
60) Dibromochloromethane	11.359	129	109701	17.772	ug/l	100
61) 1,2-Dibromoethane	11.471	107	105697	18.471	ug/l	100
64) Tetrachloroethene	11.100	164	115692	19.630	ug/l	84
65) Chlorobenzene	11.894	112	275712	18.915	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	104523	19.348	ug/l	98
67) Ethyl Benzene	11.965	91	493377	19.486	ug/l	100
68) m/p-Xylenes	12.071	106	381378	40.179	ug/l	93
69) o-Xylene	12.400	106	179102	19.220	ug/l	93
70) Styrene	12.412	104	283375	18.855	ug/l	96
71) Bromoform	12.576	173	72471	17.852	ug/l #	100
73) Isopropylbenzene	12.694	105	468776	18.913	ug/l	98
74) N-amyl acetate	12.494	43	158107	17.627	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.935	83	125956	17.284	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	117237m	16.856	ug/l	
77) Bromobenzene	12.982	156	110802	18.097	ug/l	69
78) n-propylbenzene	13.035	91	554441	18.942	ug/l	94
79) 2-Chlorotoluene	13.124	91	329626	18.816	ug/l	93
80) 1,3,5-Trimethylbenzene	13.171	105	396374	19.362	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	44256	17.195	ug/l	93
82) 4-Chlorotoluene	13.224	91	318692	18.452	ug/l	91
83) tert-Butylbenzene	13.441	119	330359	18.714	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	393898	19.144	ug/l	94
85) sec-Butylbenzene	13.618	105	477089	18.905	ug/l	94
86) p-Isopropyltoluene	13.729	119	400571	19.418	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	212744	18.912	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	211235	18.135	ug/l	96
89) n-Butylbenzene	14.059	91	337073	18.427	ug/l	96
90) Hexachloroethane	14.335	117	69506	17.791	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	205640	18.993	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26436	17.046	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	114257	18.251	ug/l	97
94) Hexachlorobutadiene	15.506	225	50513	18.390	ug/l	95
95) Naphthalene	15.641	128	366924	18.088	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	115005	18.263	ug/l	98

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ClientSampleId :
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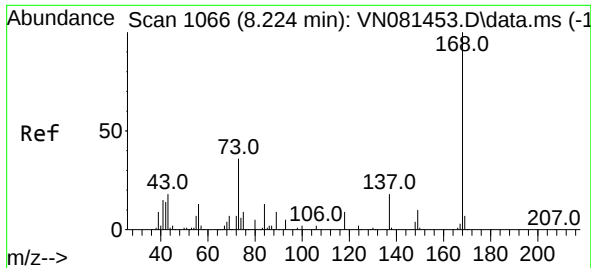
Manual Integrations
APPROVED

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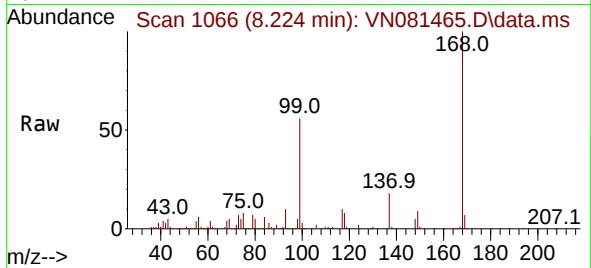
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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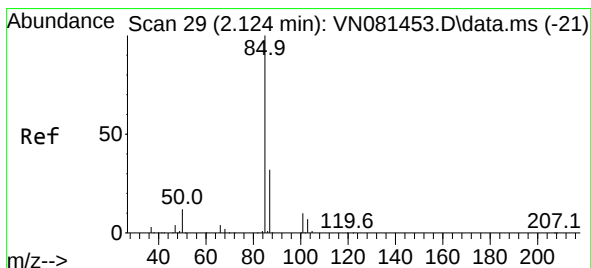
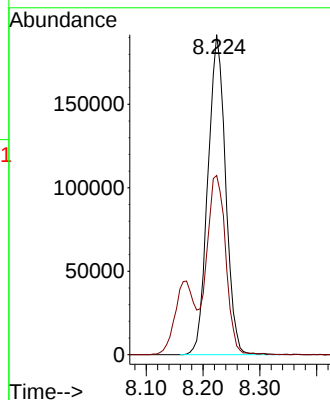
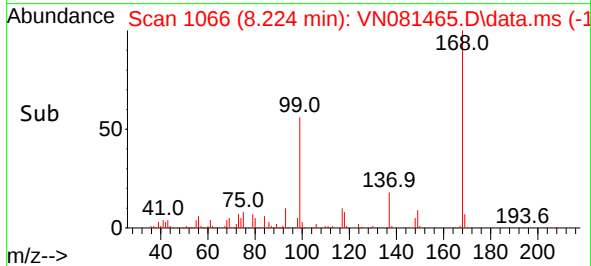
Instrument :
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ClientSampleId :
VN0319WBSD01



Tgt Ion:168 Resp: 41378
Ion Ratio Lower Upper
168 100
99 55.9 59.9 89.9

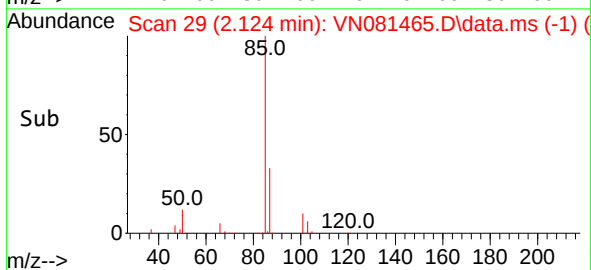
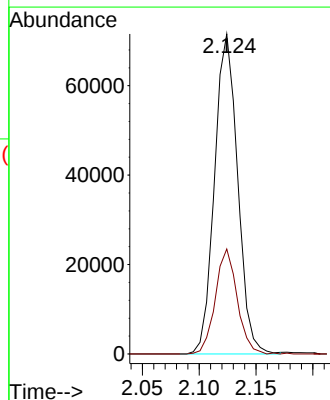
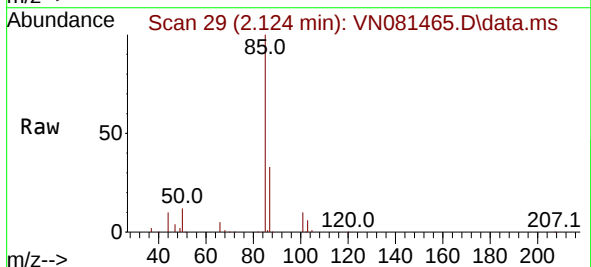
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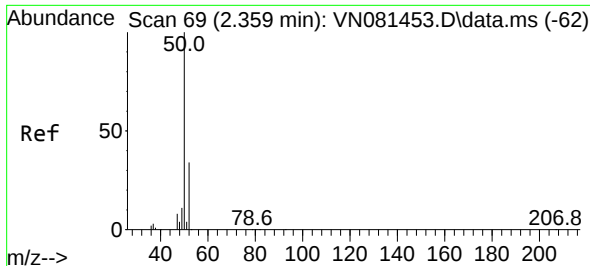
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#2
Dichlorodifluoromethane
Concen: 18.174 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

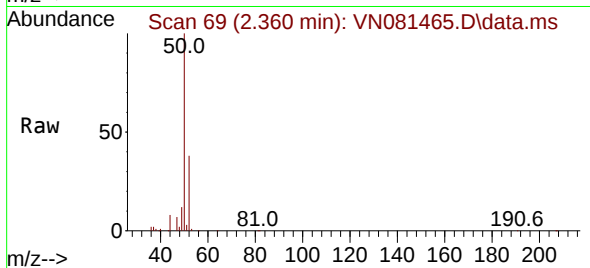
Tgt Ion: 85 Resp: 101257
Ion Ratio Lower Upper
85 100
87 32.8 15.3 45.9





#3
Chloromethane
Concen: 18.075 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

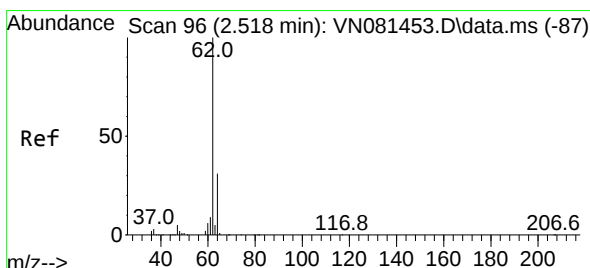
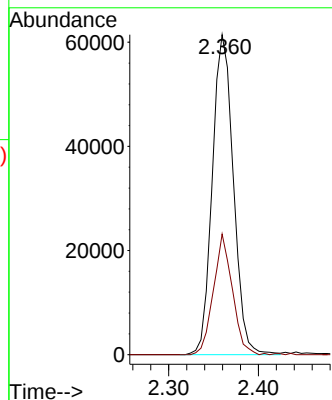
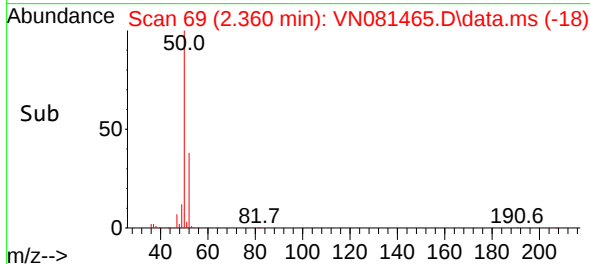
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 100260
Ion Ratio Lower Upper
50 100
52 37.7 25.0 37.4

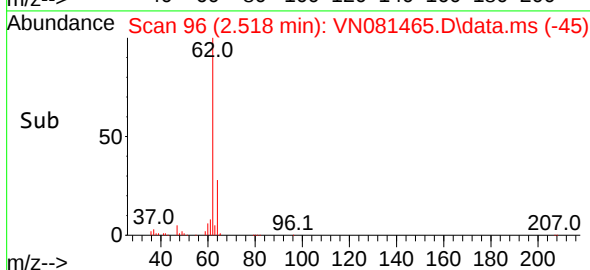
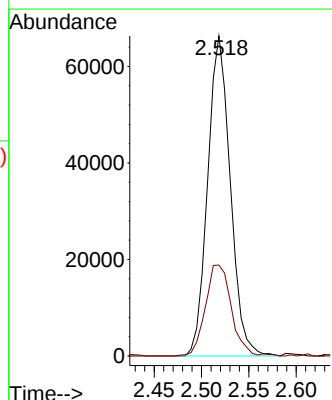
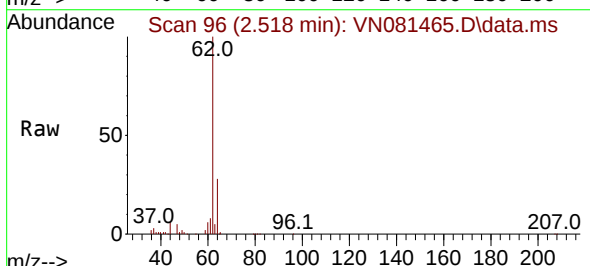
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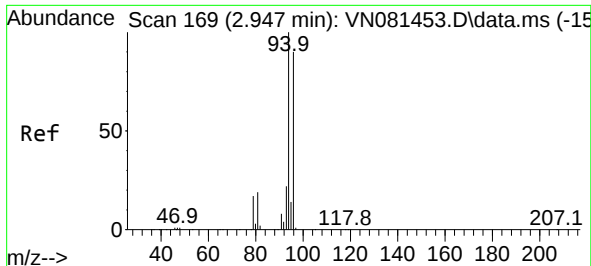
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#4
Vinyl Chloride
Concen: 17.706 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

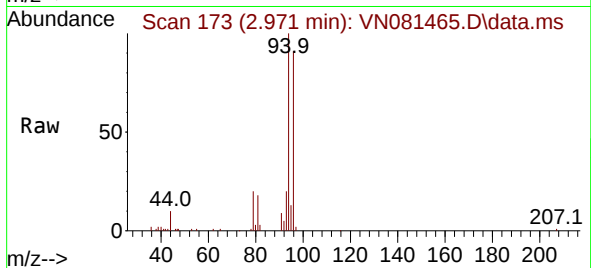
Tgt Ion: 62 Resp: 110227
Ion Ratio Lower Upper
62 100
64 28.4 22.7 34.1





#5
Bromomethane
Concen: 17.927 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

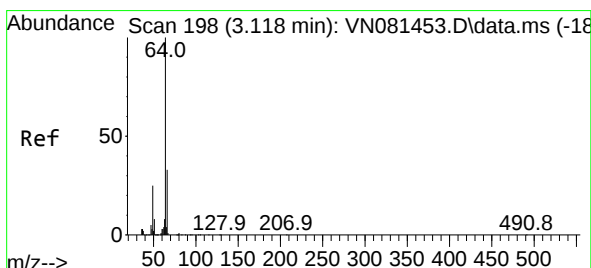
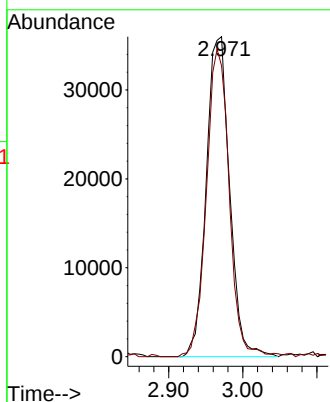
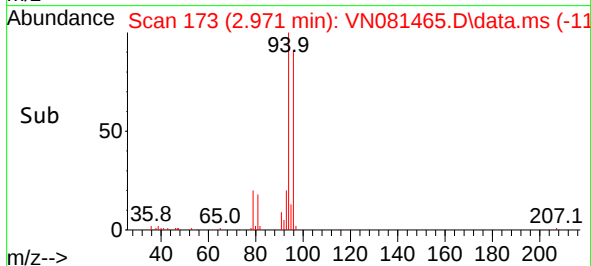
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Tgt Ion: 94 Resp: 78930
Ion Ratio Lower Upper
94 100
96 90.9 69.2 103.8

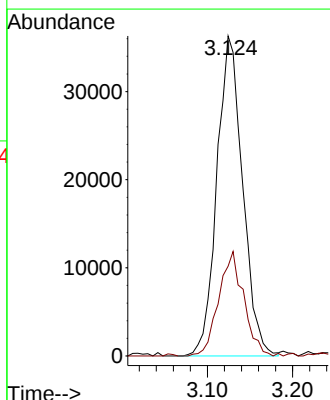
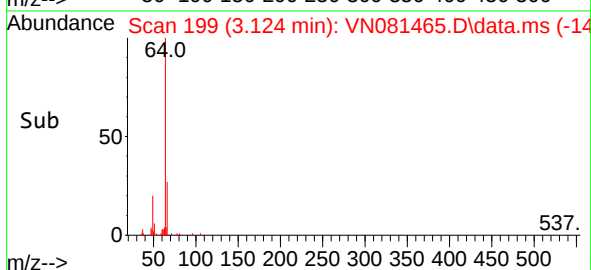
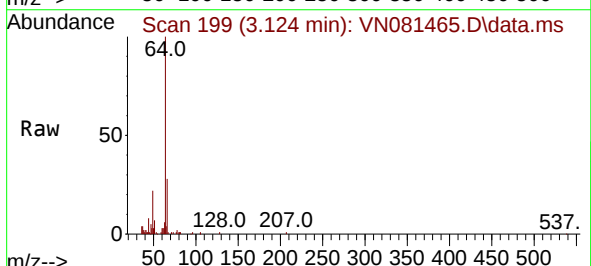
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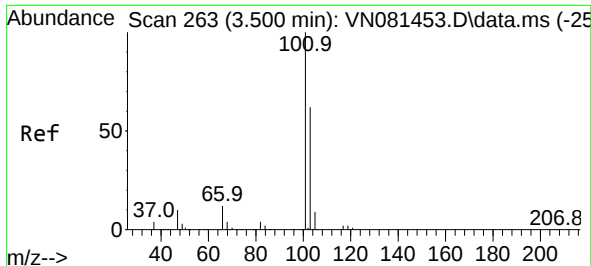
Reviewed By :John Carlone 03/20/2024
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#6
Chloroethane
Concen: 17.836 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion: 64 Resp: 76241
Ion Ratio Lower Upper
64 100
66 28.1 26.4 39.6





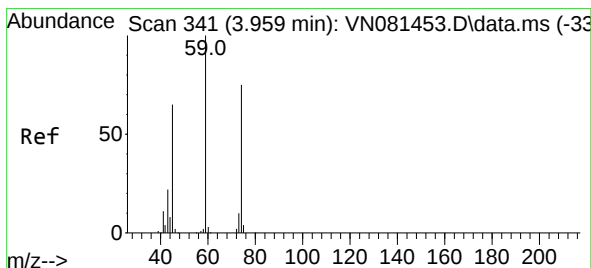
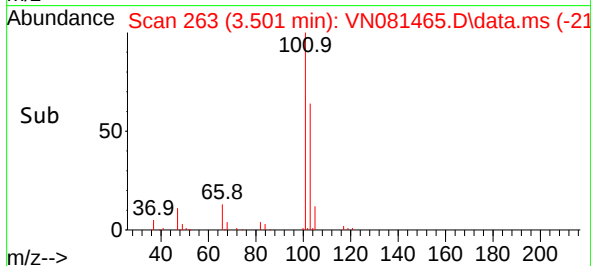
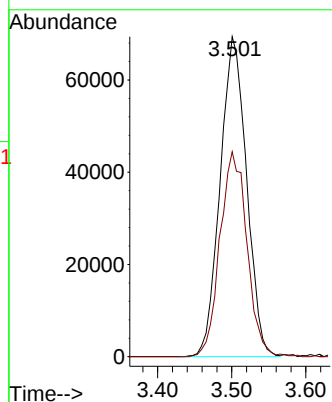
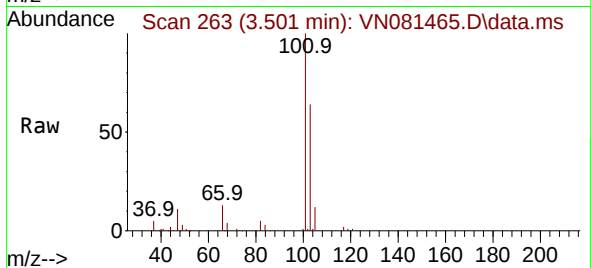
#7
 Trichlorofluoromethane
 Concen: 18.499 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

Instrument :
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Tgt Ion:101 Resp: 17164
 Ion Ratio Lower Upper
 101 100
 103 64.1 54.4 81.6

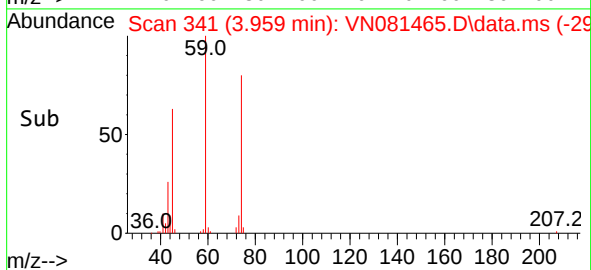
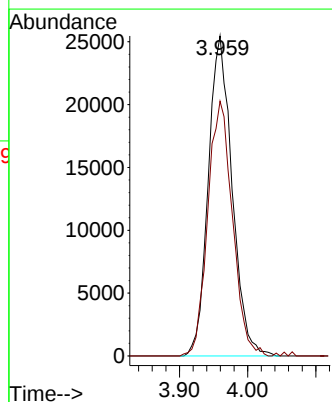
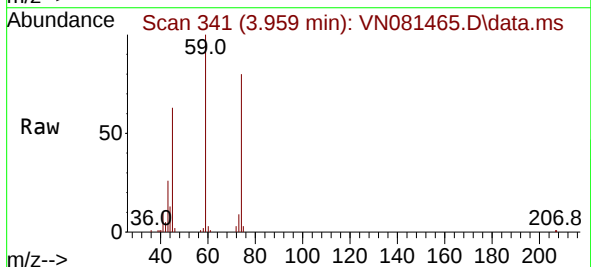
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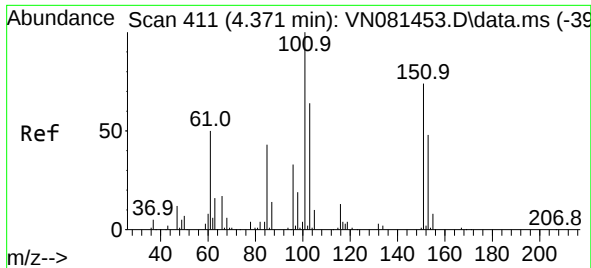
Reviewed By :John Carlone 03/20/2024
 Supervised By :Mahesh Dadoda 03/20/2024



#8
 Diethyl Ether
 Concen: 20.163 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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 Acq: 19 Mar 2024 12:59

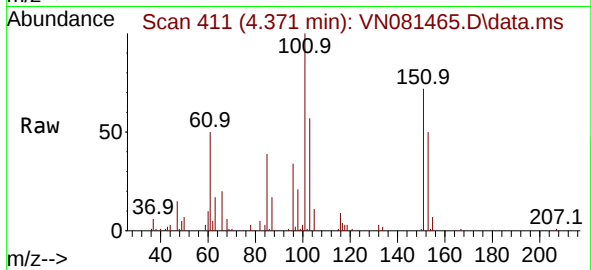
Tgt Ion: 74 Resp: 61912
 Ion Ratio Lower Upper
 74 100
 45 82.5 53.3 159.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.692 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

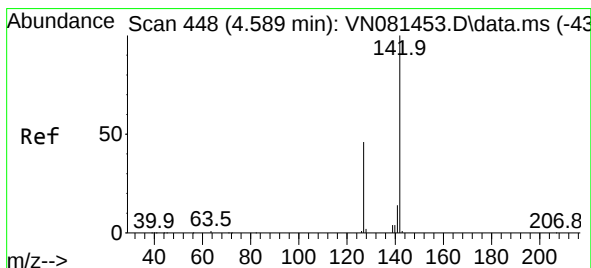
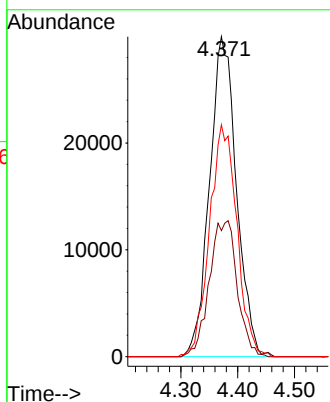
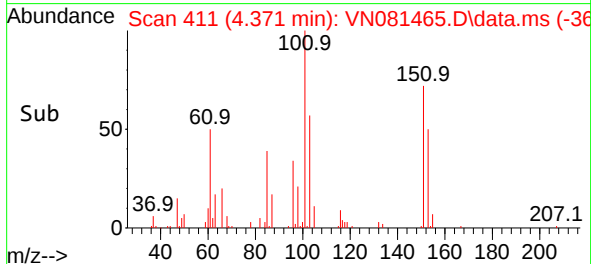
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



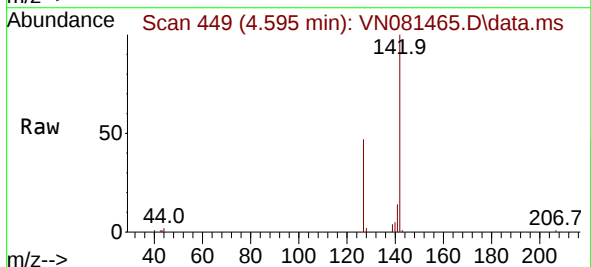
Tgt Ion:101 Resp: 9854
Ion Ratio Lower Upper
101 100
85 44.0 38.1 57.1
151 73.7 49.1 73.7

Manual Integrations
APPROVED

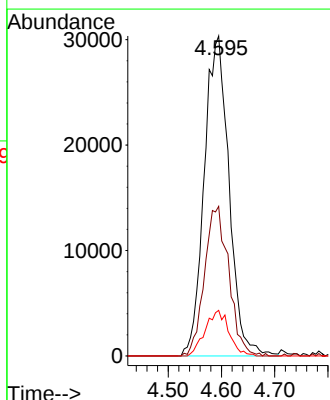
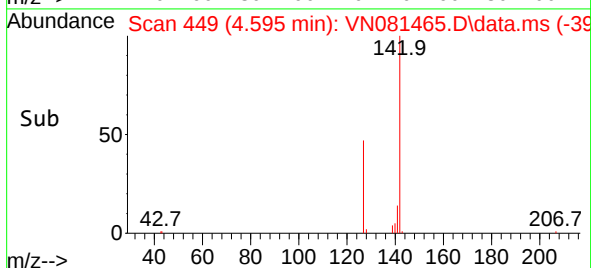
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

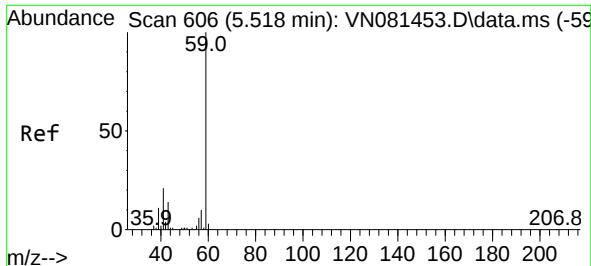


#10
Methyl Iodide
Concen: 18.688 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59



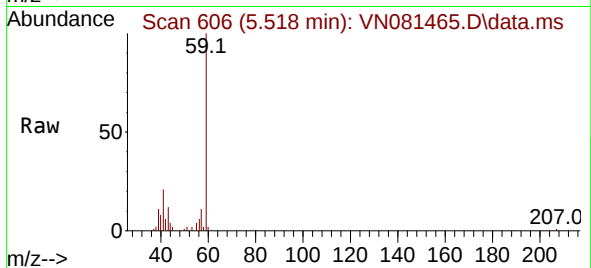
Tgt Ion:142 Resp: 98111
Ion Ratio Lower Upper
142 100
127 46.8 37.0 55.4
141 14.2 12.5 18.7





#11
Tert butyl alcohol
Concen: 79.497 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

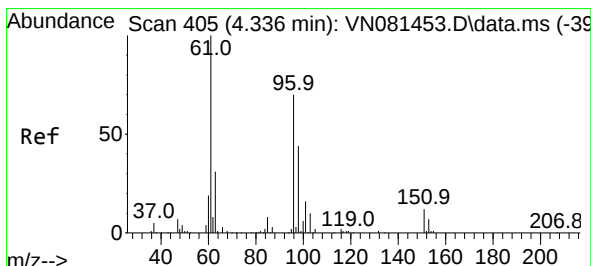
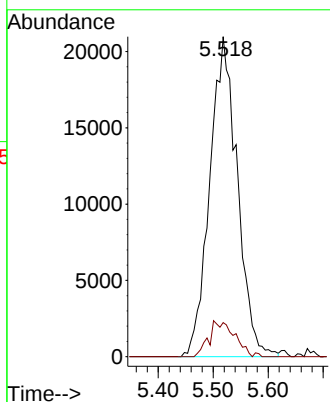
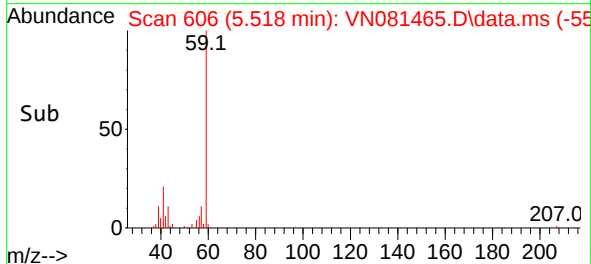
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



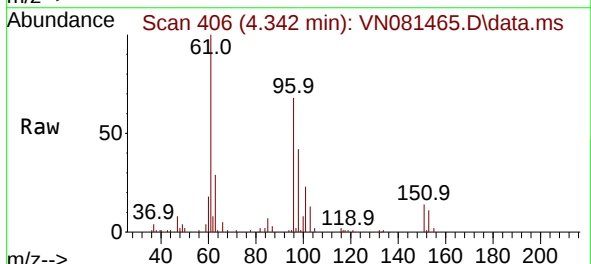
Tgt Ion: 59 Resp: 73104
Ion Ratio Lower Upper
59 100
57 4.8 8.6 12.8

Manual Integrations
APPROVED

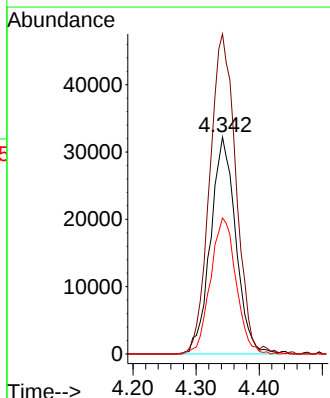
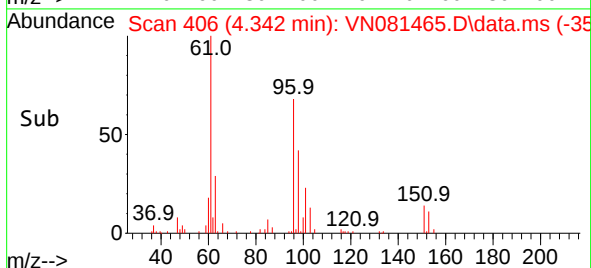
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

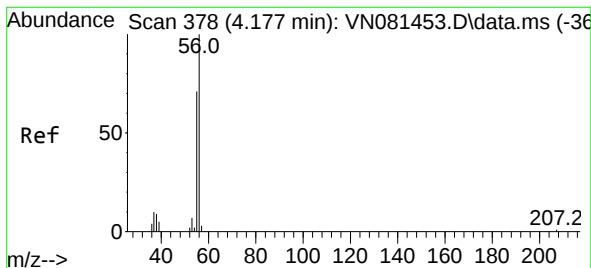


#12
1,1-Dichloroethene
Concen: 18.304 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59



Tgt Ion: 96 Resp: 89385
Ion Ratio Lower Upper
96 100
61 147.6 138.2 207.4
98 62.7 49.2 73.8





#13

Acrolein

Concen: 100.215 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion: 56 Resp: 82694

Ion Ratio Lower Upper

56 100

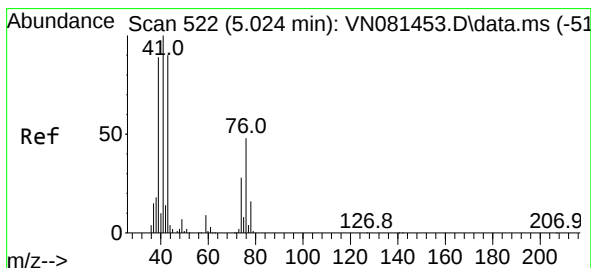
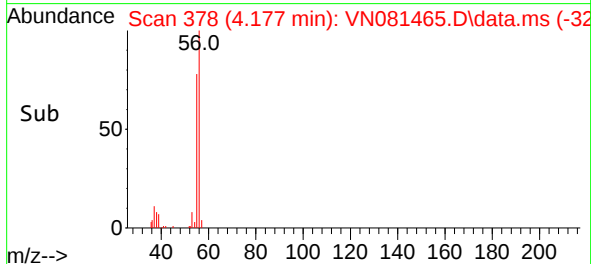
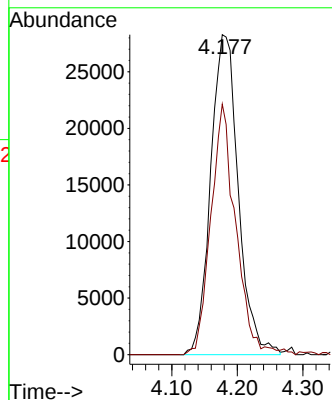
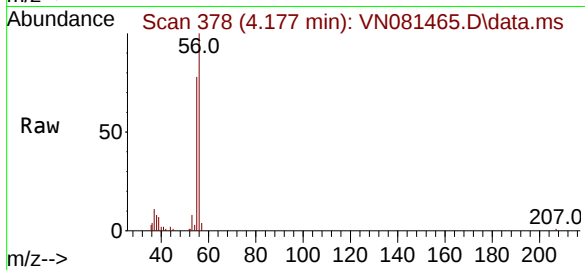
55 70.7 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#14

Allyl chloride

Concen: 17.501 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

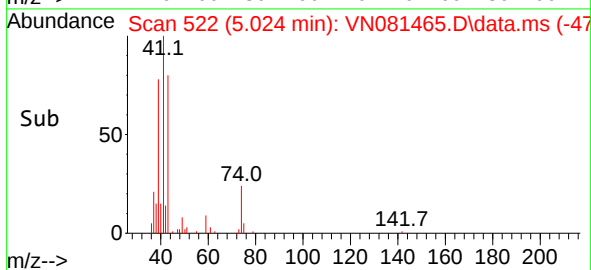
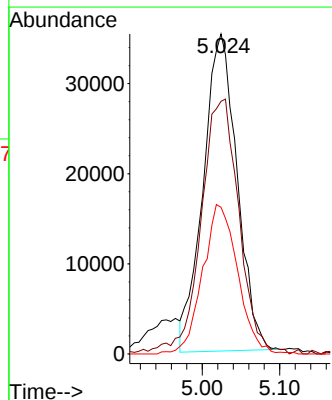
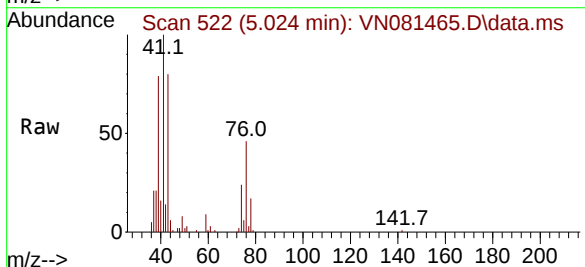
Tgt Ion: 41 Resp: 107090

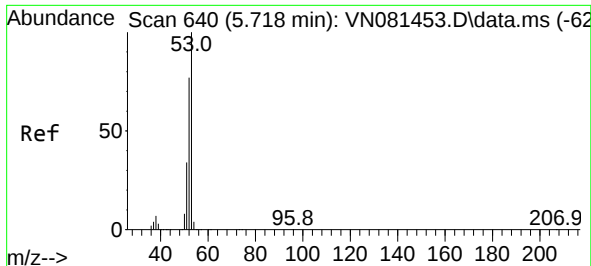
Ion Ratio Lower Upper

41 100

39 90.3 57.7 86.5#

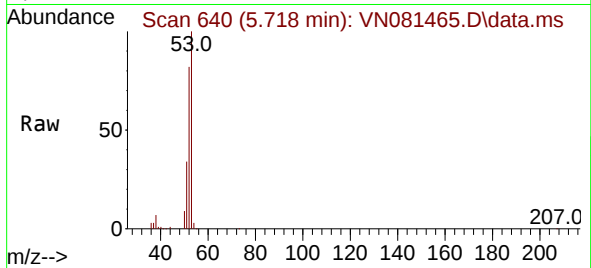
76 48.9 26.8 40.2#





#15
Acrylonitrile
Concen: 88.968 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

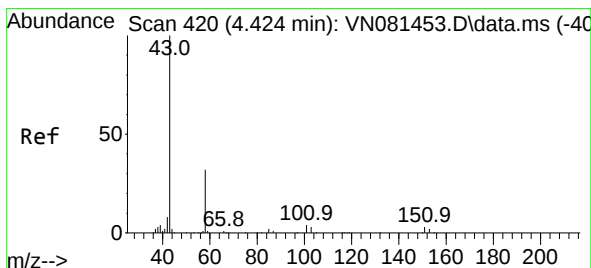
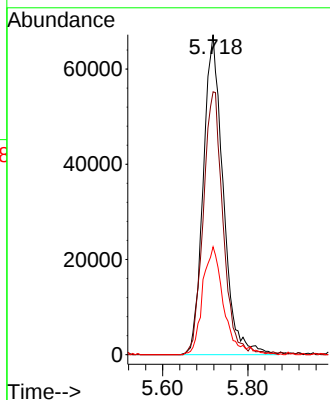
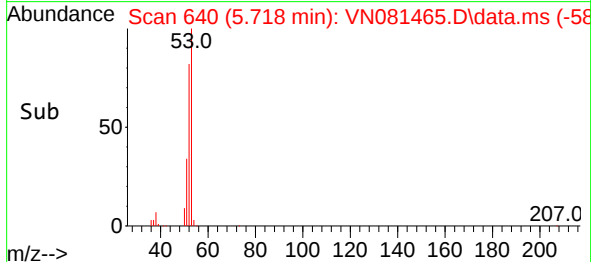
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 53 Resp: 21887
Ion Ratio Lower Upper
53 100
52 80.5 64.8 97.2
51 35.8 26.9 40.3

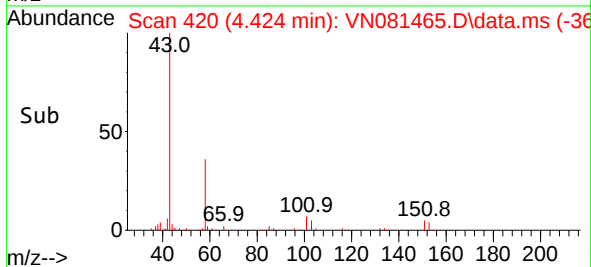
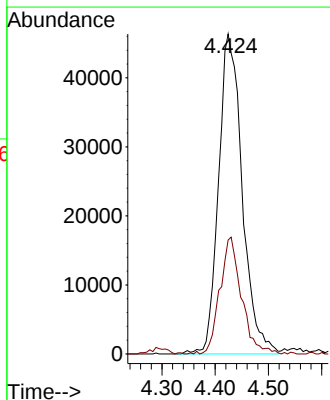
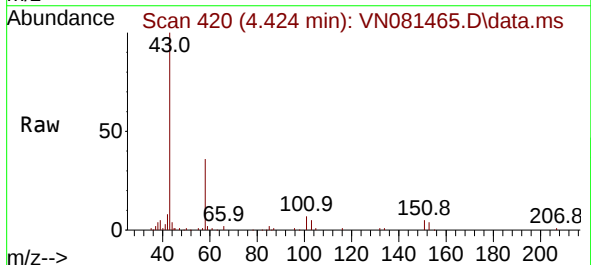
Manual Integrations
APPROVED

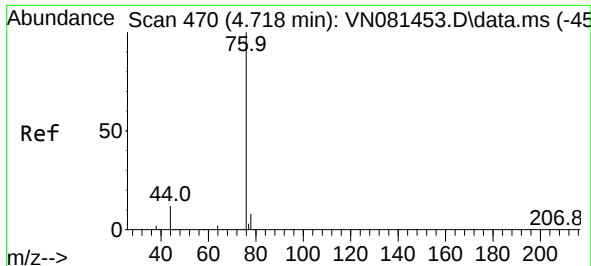
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#16
Acetone
Concen: 83.814 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion: 43 Resp: 142932
Ion Ratio Lower Upper
43 100
58 35.3 24.8 37.2





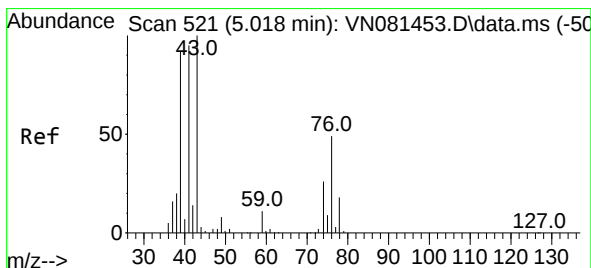
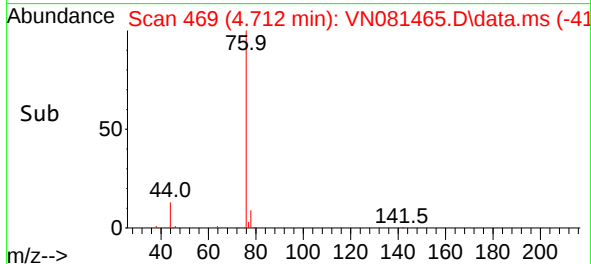
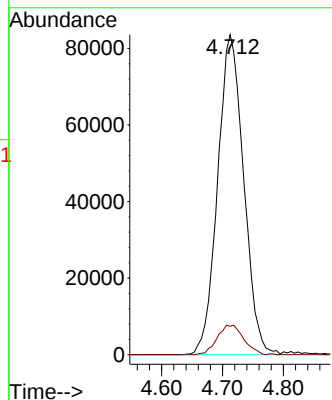
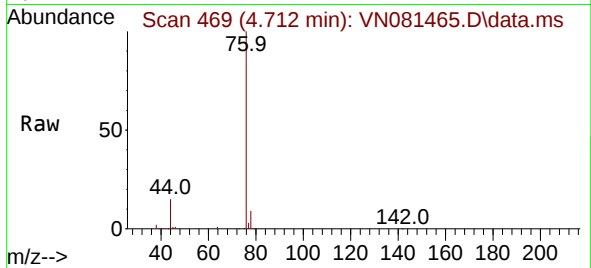
#17
Carbon Disulfide
Concen: 17.713 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion: 76 Resp: 248220
Ion Ratio Lower Upper
76 100
78 8.8 6.3 9.5

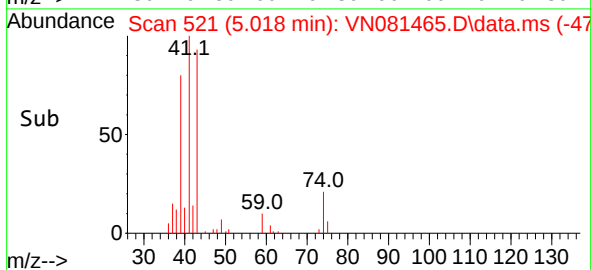
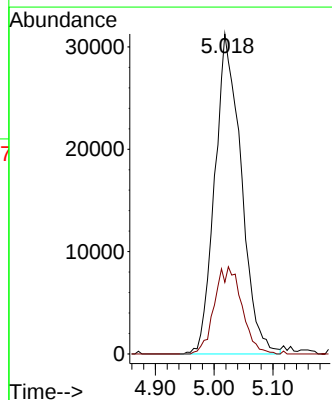
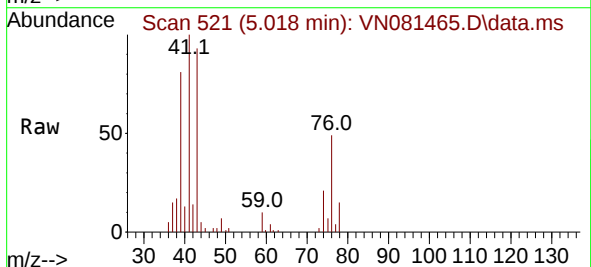
Manual Integrations
APPROVED

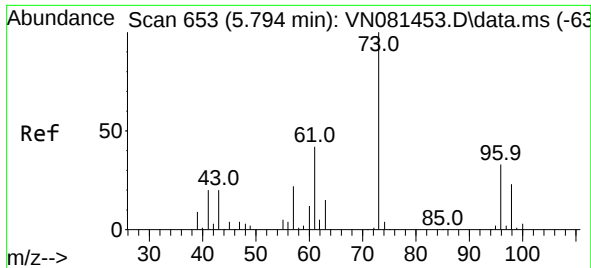
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#18
Methyl Acetate
Concen: 18.546 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion: 43 Resp: 97508
Ion Ratio Lower Upper
43 100
74 28.3 17.3 25.9#





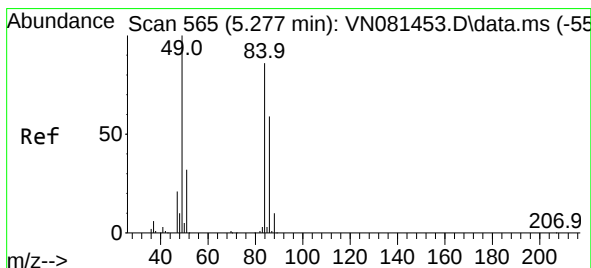
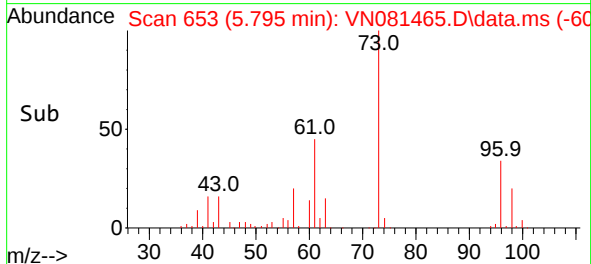
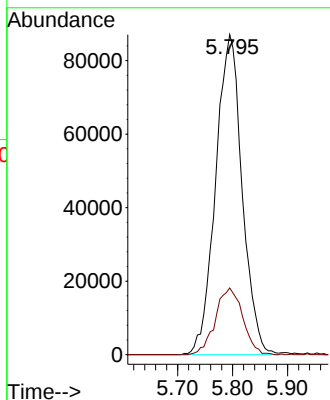
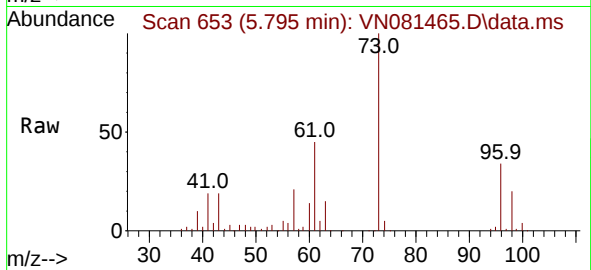
#19
Methyl tert-butyl Ether
Concen: 19.109 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Instrument :
MSVOA_N
Client Sample Id :
VN0319WBSD01

Tgt Ion: 73 Resp: 29203
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.4

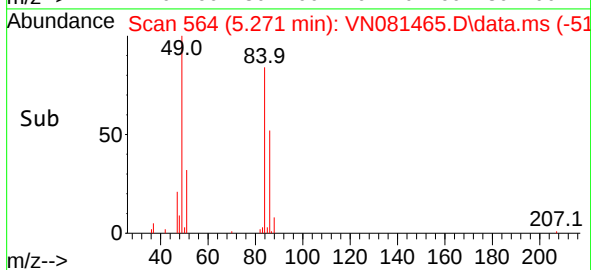
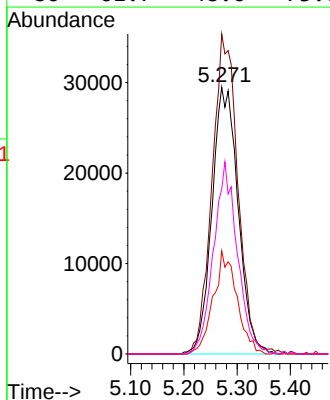
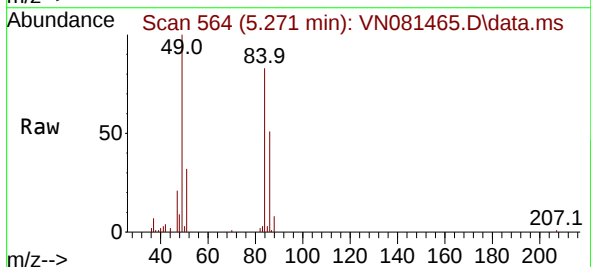
Manual Integrations
APPROVED

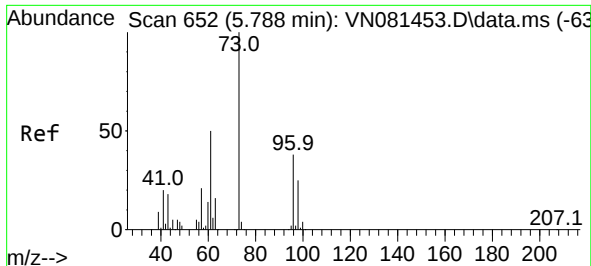
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#20
Methylene Chloride
Concen: 18.050 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

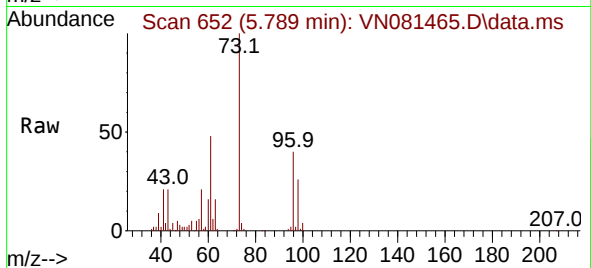
Tgt Ion: 84 Resp: 100829
Ion Ratio Lower Upper
84 100
49 120.0 108.1 162.1
51 38.6 32.9 49.3
86 61.7 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.378 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

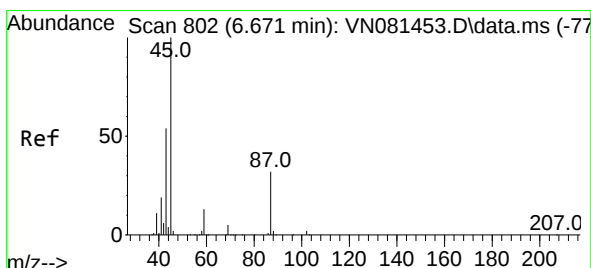
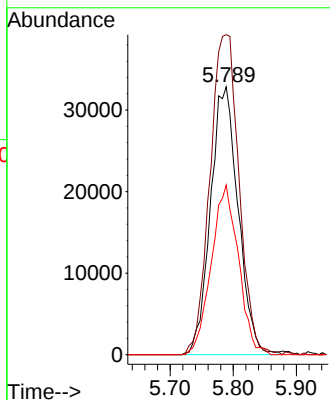
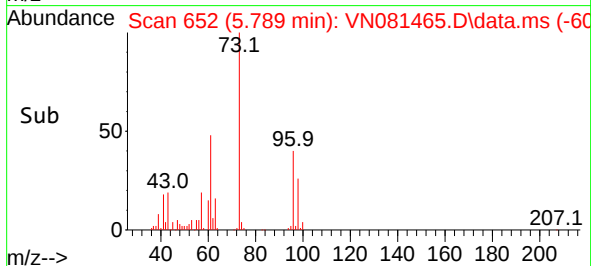
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 96 Resp: 10006
Ion Ratio Lower Upper
96 100
61 119.5 112.8 169.2
98 63.3 51.0 76.4

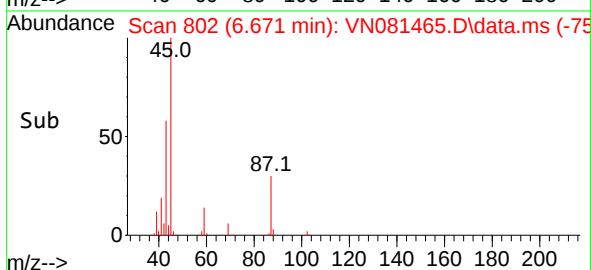
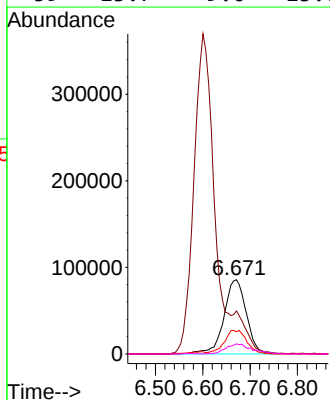
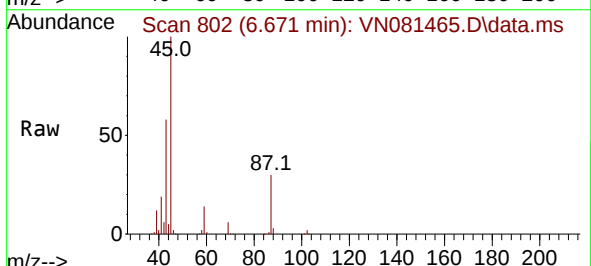
Manual Integrations
APPROVED

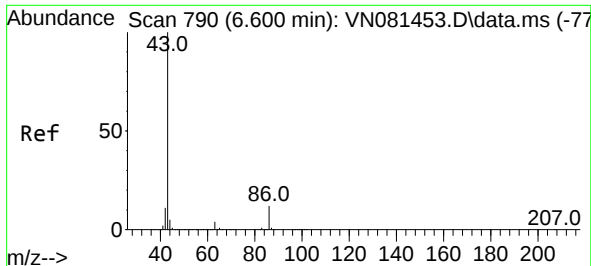
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#22
Diisopropyl ether
Concen: 19.742 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion: 45 Resp: 280686
Ion Ratio Lower Upper
45 100
43 57.0 41.8 62.8
87 30.0 18.1 27.1#
59 13.7 9.0 13.6#





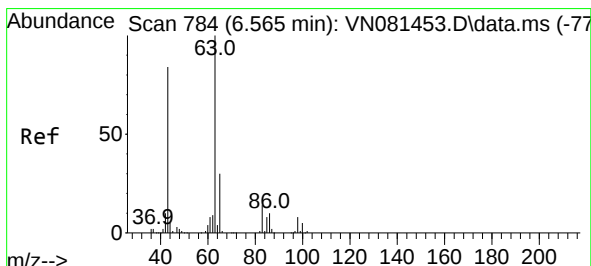
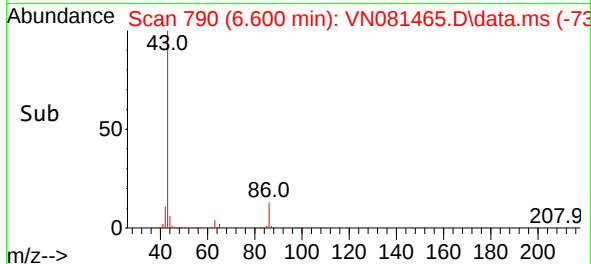
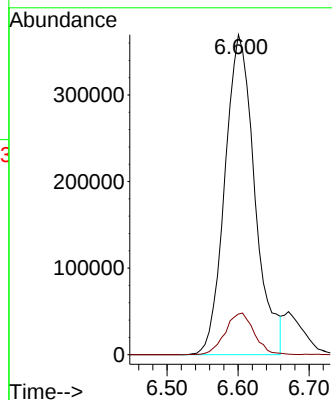
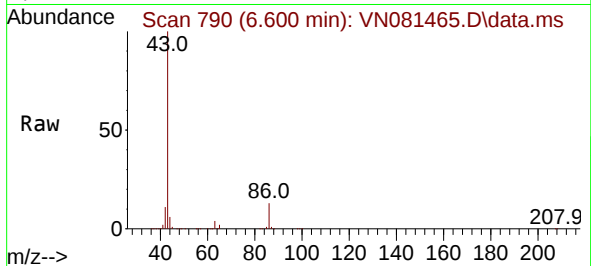
#23
 Vinyl Acetate
 Concen: 95.788 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Tgt Ion: 43 Resp: 108404
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.1 10.7

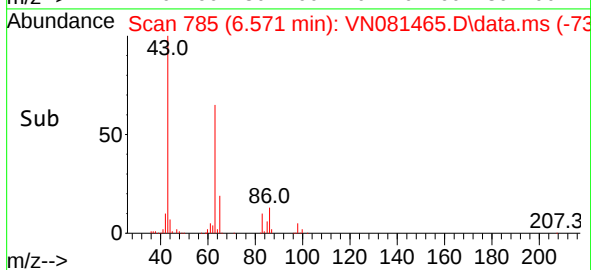
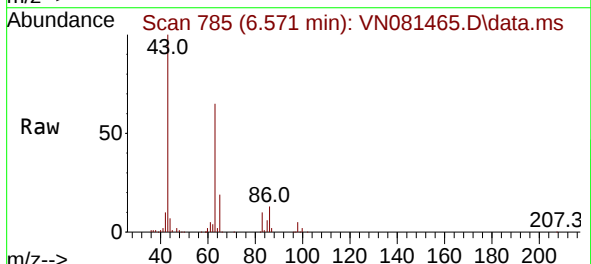
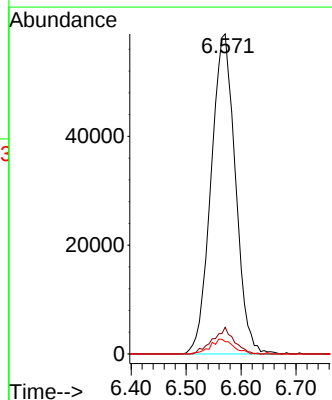
Manual Integrations
 APPROVED

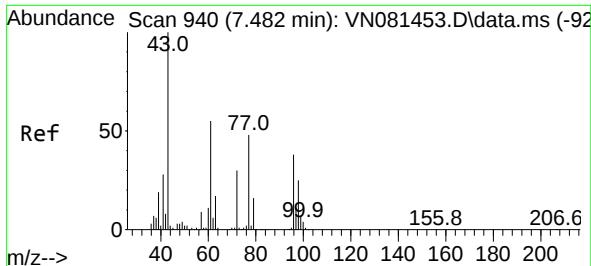
Reviewed By :John Carlone 03/20/2024
 Supervised By :Mahesh Dadoda 03/20/2024



#24
 1,1-Dichloroethane
 Concen: 19.008 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

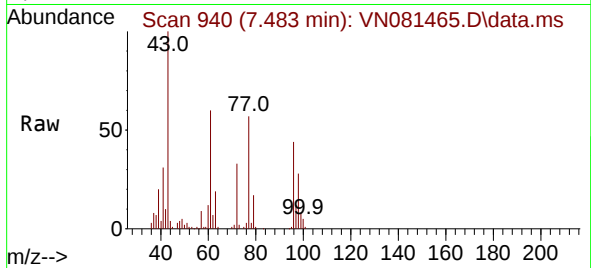
Tgt Ion: 63 Resp: 181013
 Ion Ratio Lower Upper
 63 100
 98 8.4 2.9 8.6
 100 3.8 1.9 5.7





#25
2-Butanone
Concen: 84.937 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

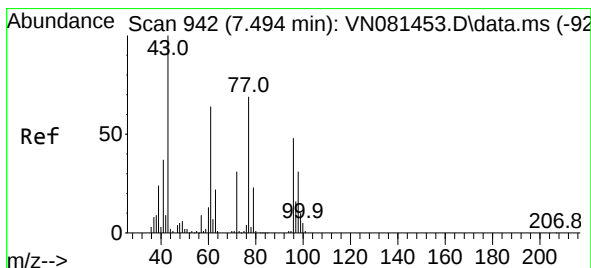
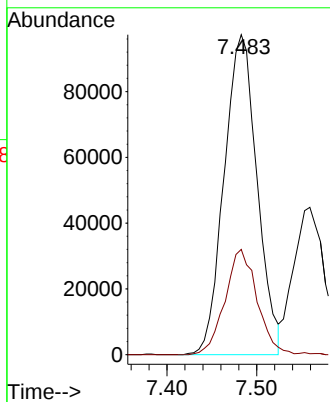
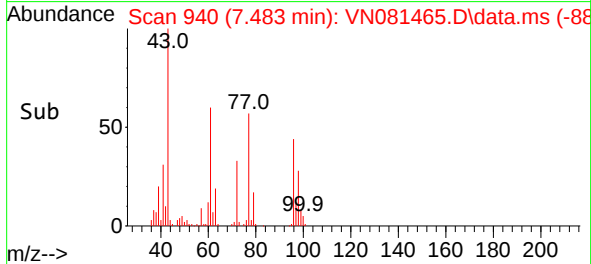
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



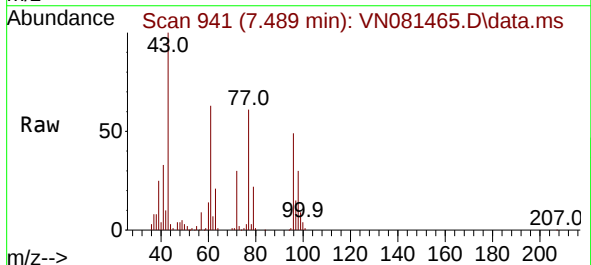
Tgt Ion: 43 Resp: 24844
Ion Ratio Lower Upper
43 100
72 32.9 19.5 29.3

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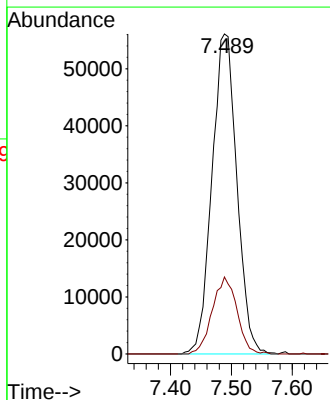
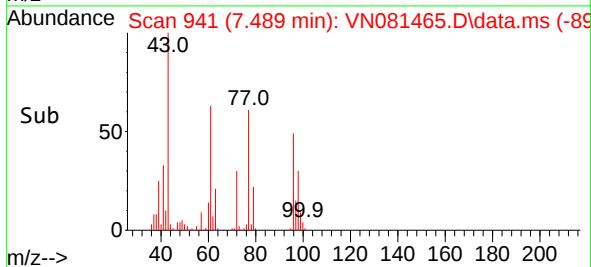
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

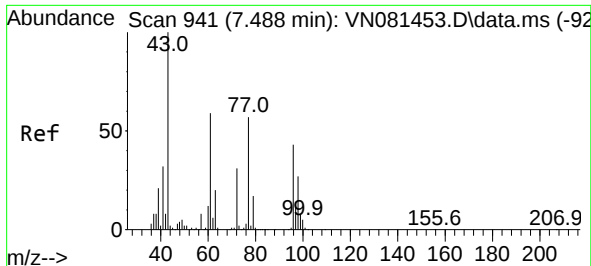


#26
2,2-Dichloropropane
Concen: 19.293 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59



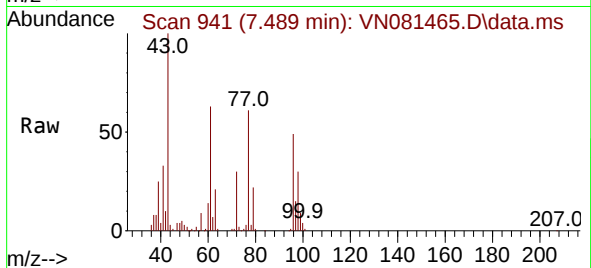
Tgt Ion: 77 Resp: 159349
Ion Ratio Lower Upper
77 100
97 23.8 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.841 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

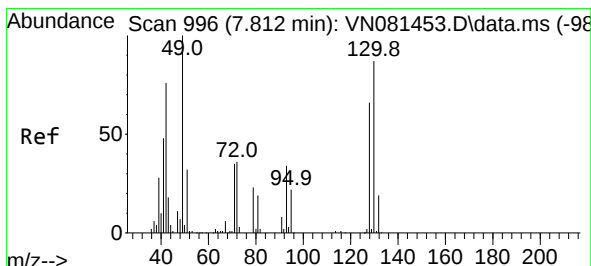
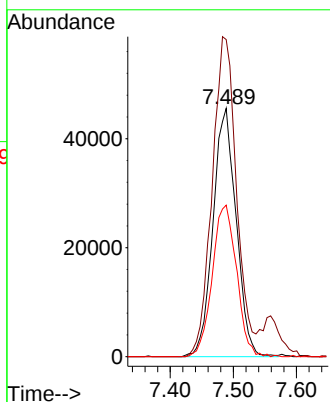
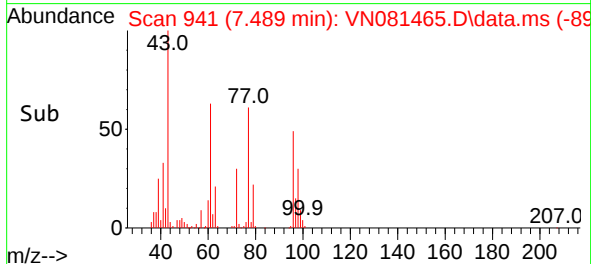
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01



Tgt Ion: 96 Resp: 11607
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 325.4
 98 64.1 0.0 130.4

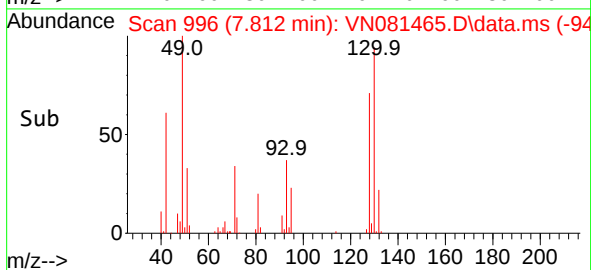
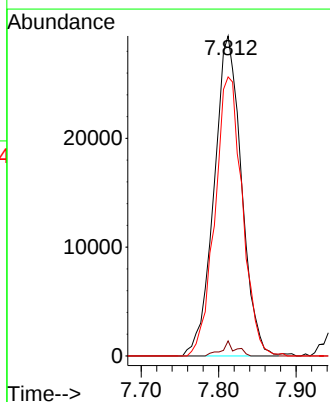
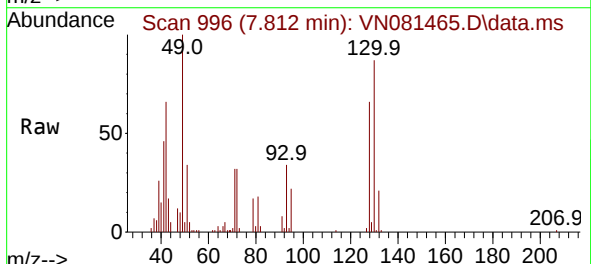
Manual Integrations
 APPROVED

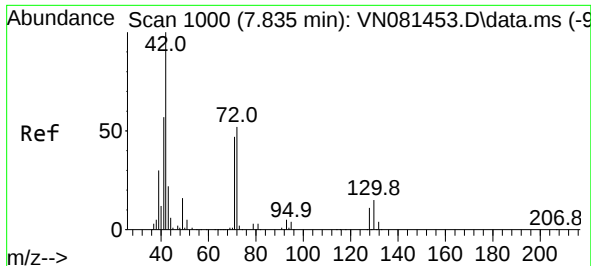
Reviewed By :John Carlone 03/20/2024
 Supervised By :Mahesh Dadoda 03/20/2024



#28
 Bromochloromethane
 Concen: 18.679 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

Tgt Ion: 49 Resp: 72450
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 1.6#
 130 87.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 84.064 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

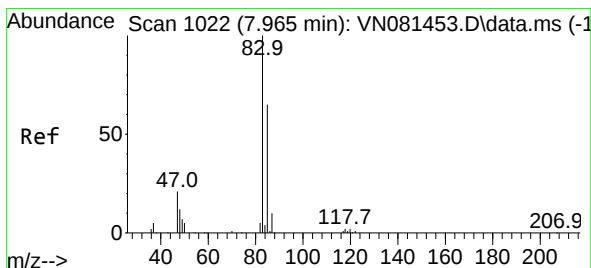
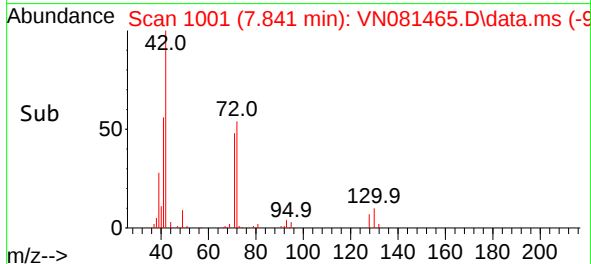
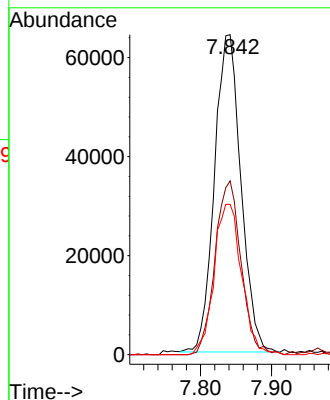
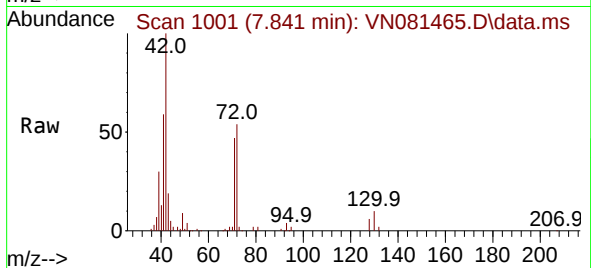
Tgt Ion:	42	Resp:	16564
Ion Ratio	Lower	Upper	
42	100		
72	53.8	31.1	46.7
71	49.3	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#30

Chloroform

Concen: 19.102 ug/l

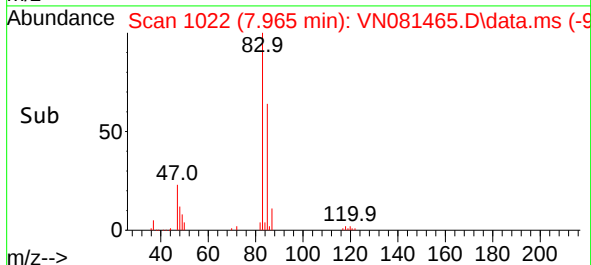
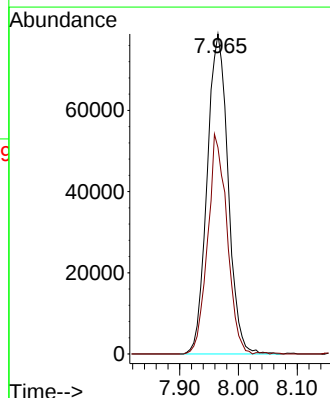
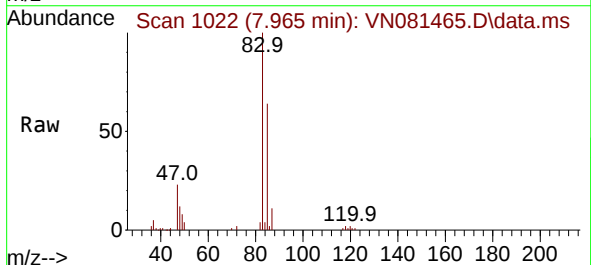
RT: 7.965 min Scan# 1022

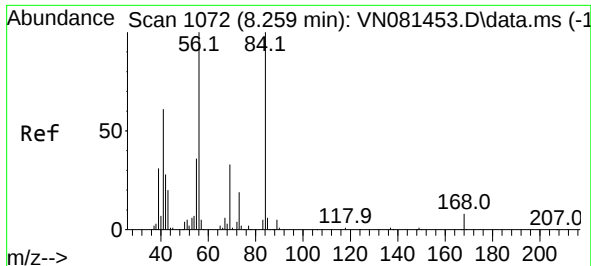
Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

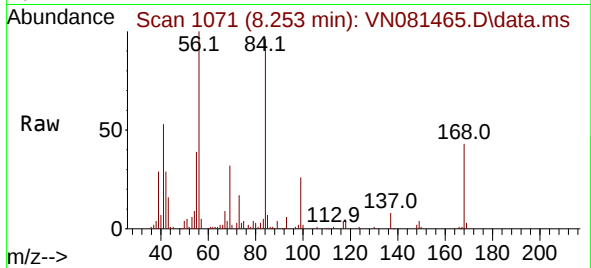
Tgt Ion:	83	Resp:	194738
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.0	76.6





#31
Cyclohexane
Concen: 18.430 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

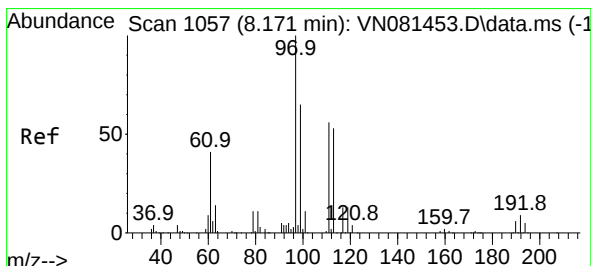
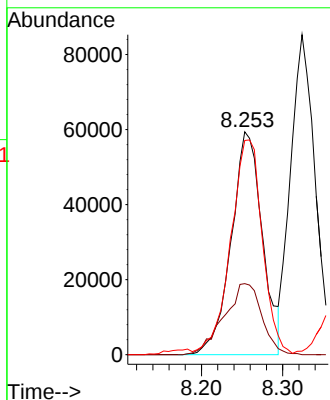
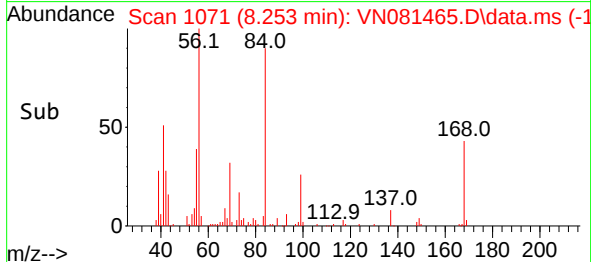
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 56 Resp: 15825
Ion Ratio Lower Upper
56 100
69 31.9 20.1 30.1
84 94.0 56.9 85.3

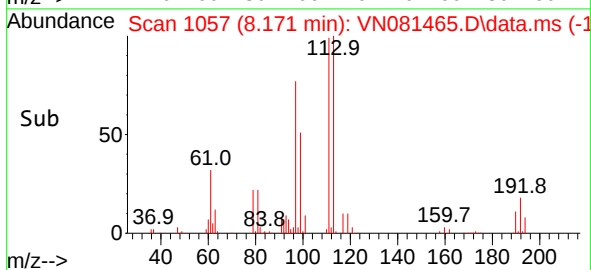
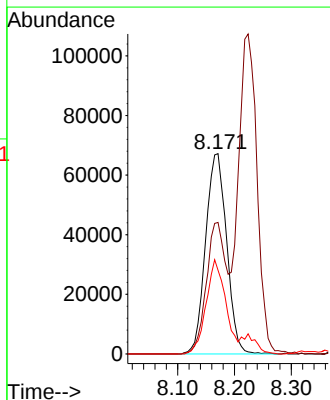
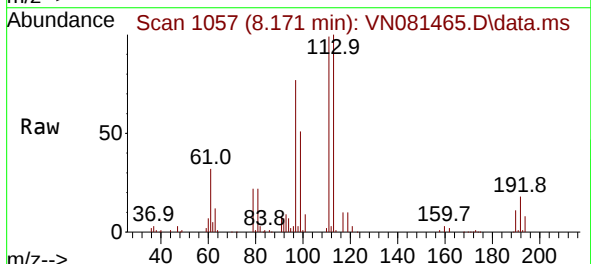
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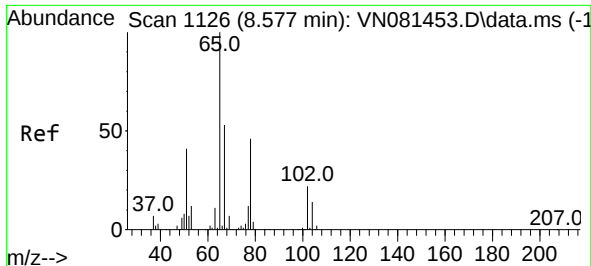
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#32
1,1,1-Trichloroethane
Concen: 18.703 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion: 97 Resp: 172982
Ion Ratio Lower Upper
97 100
99 59.6 53.4 80.0
61 43.6 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.461 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion: 65 Resp: 260999

Ion Ratio Lower Upper

65 100

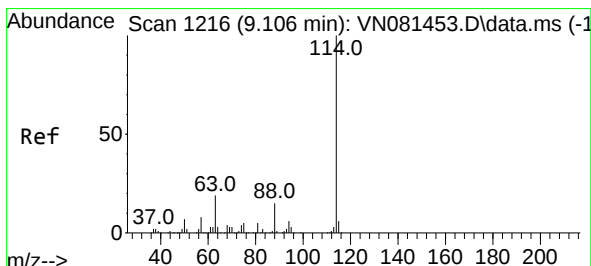
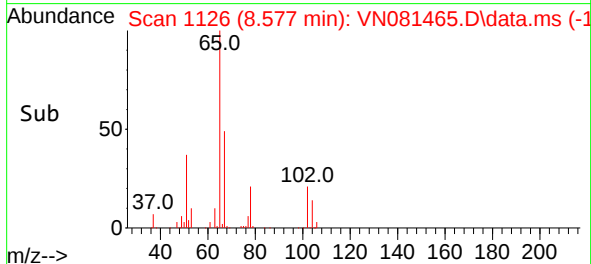
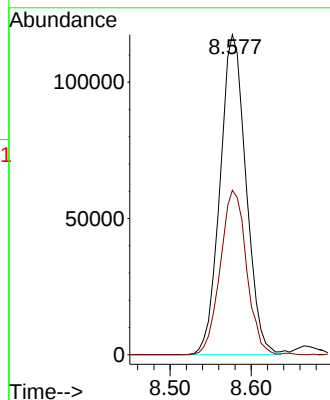
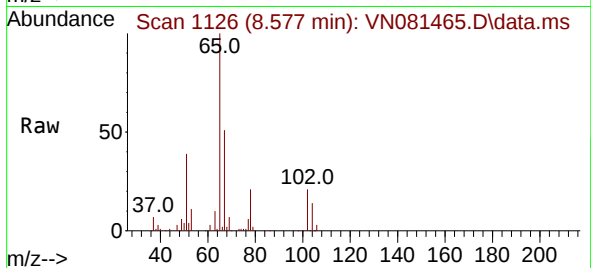
67 51.8 0.0 102.4

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Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

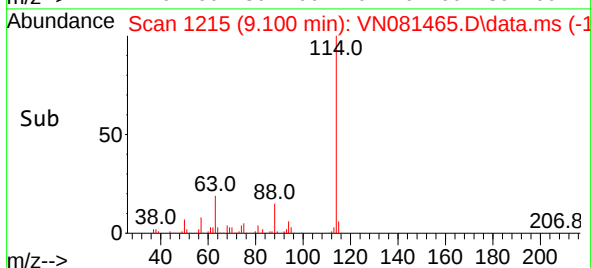
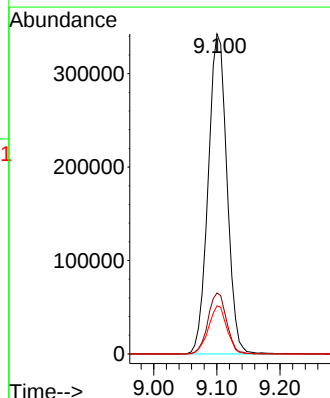
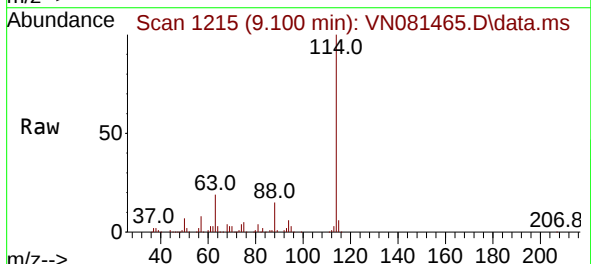
Tgt Ion:114 Resp: 706679

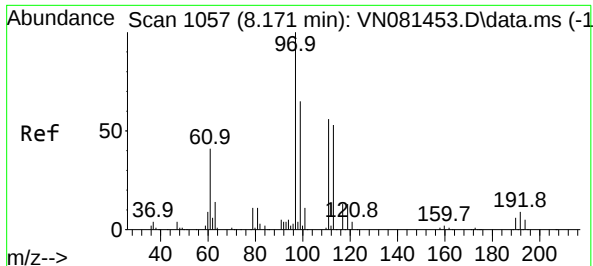
Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

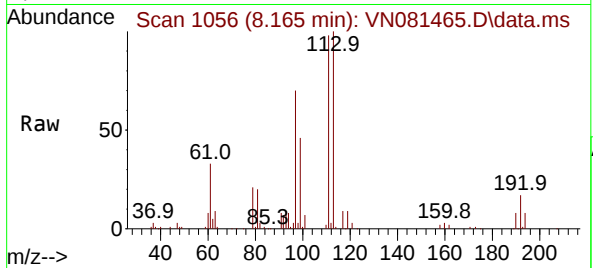
88 15.0 0.0 34.8





#35
Dibromofluoromethane
Concen: 49.565 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

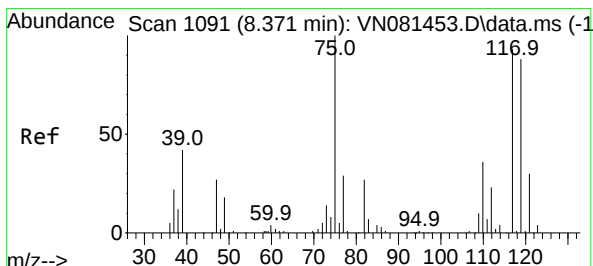
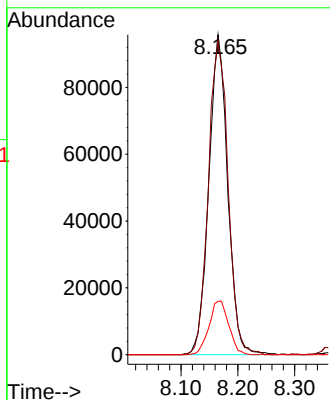
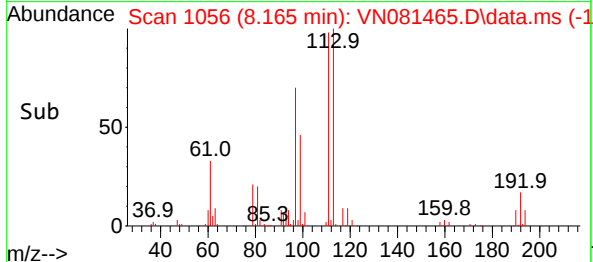
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



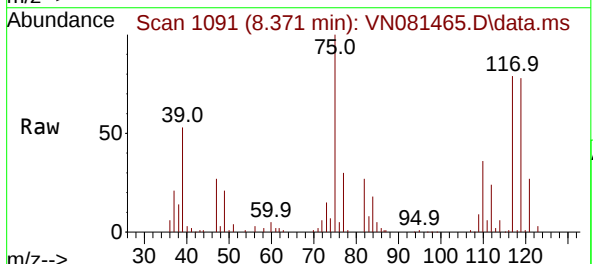
Tgt Ion: 113 Resp: 22105
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 17.5 12.5 18.7

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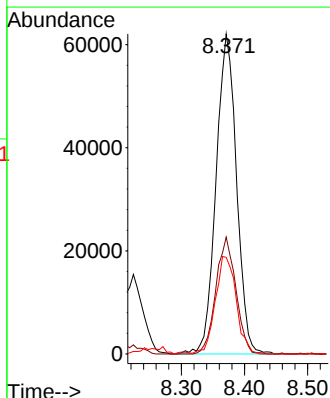
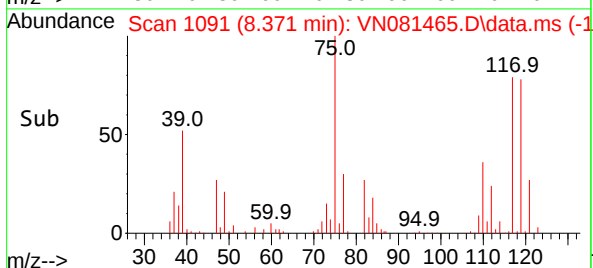
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

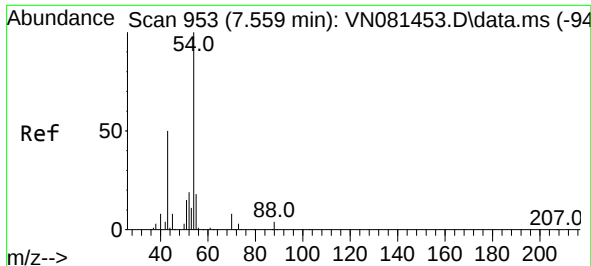


#36
1,1-Dichloropropene
Concen: 18.618 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59



Tgt Ion: 75 Resp: 139737
Ion Ratio Lower Upper
75 100
110 35.6 16.0 48.0
77 30.9 25.8 38.6





#37

Ethyl Acetate

Concen: 17.385 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN081465.D

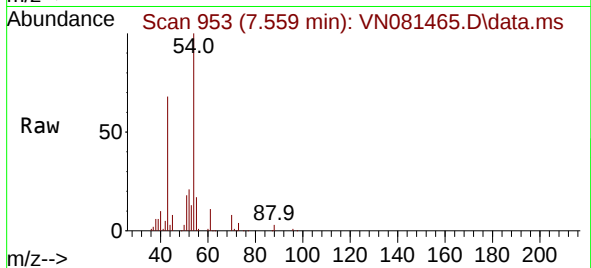
Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01



Tgt Ion: 43 Resp: 11173

Ion Ratio Lower Upper

43 100

61 14.1 10.6 15.8

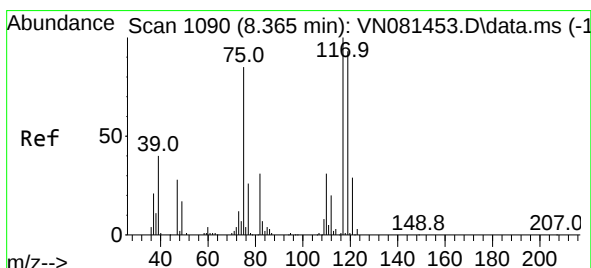
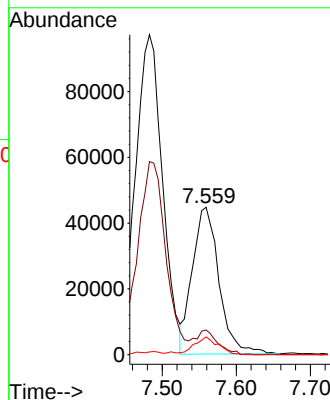
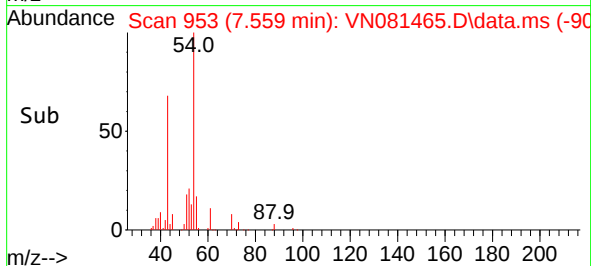
70 10.9 8.0 12.0

Manual Integrations

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Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#38

Carbon Tetrachloride

Concen: 18.655 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

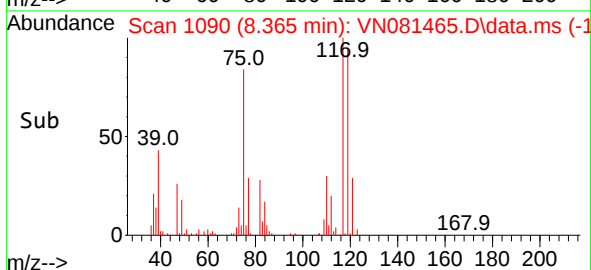
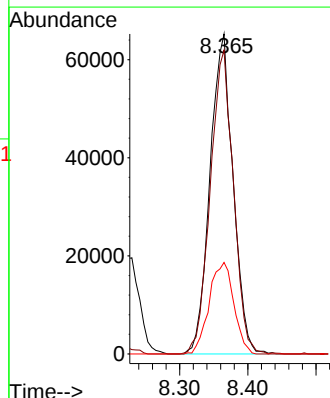
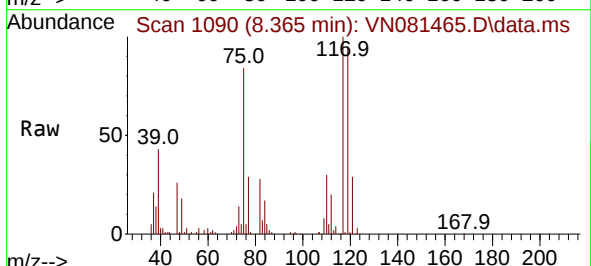
Tgt Ion:117 Resp: 153379

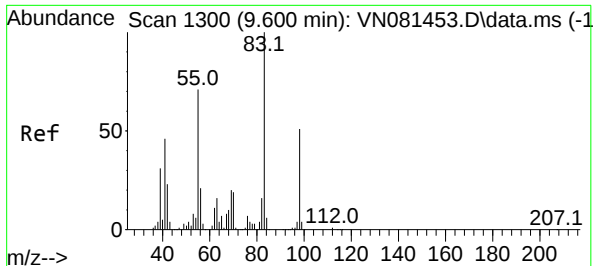
Ion Ratio Lower Upper

117 100

119 95.0 73.4 110.2

121 28.6 24.4 36.6





#39

Methylcyclohexane

Concen: 18.836 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion: 83 Resp: 15787

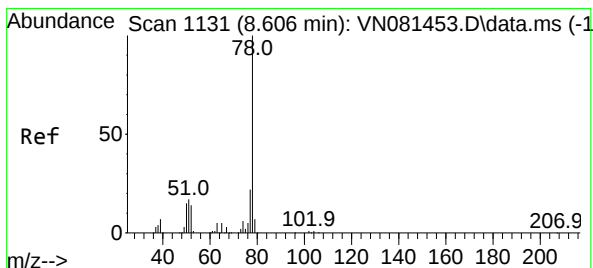
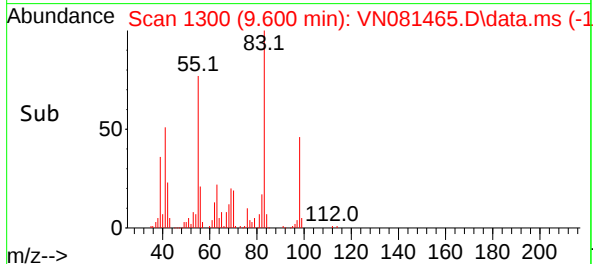
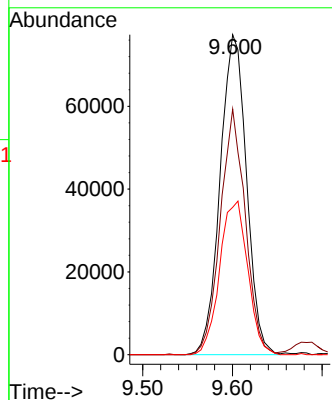
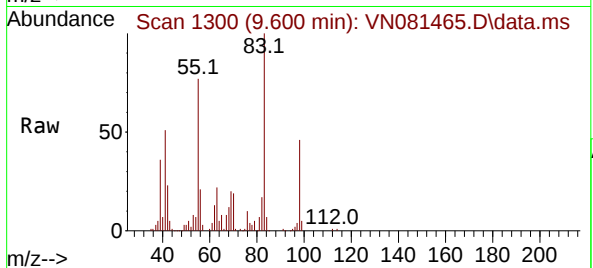
Ion	Ratio	Lower	Upper
83	100		
55	76.8	65.7	98.5
98	46.1	33.8	50.6

Manual Integrations

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Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#40

Benzene

Concen: 19.244 ug/l

RT: 8.606 min Scan# 1131

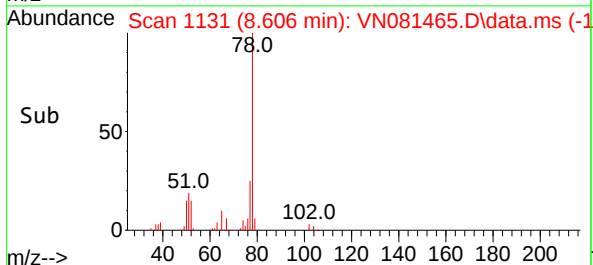
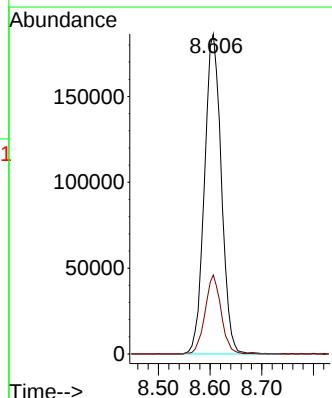
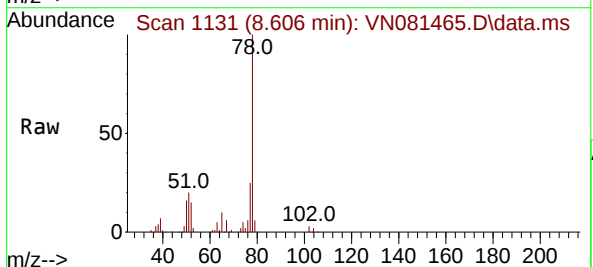
Delta R.T. 0.000 min

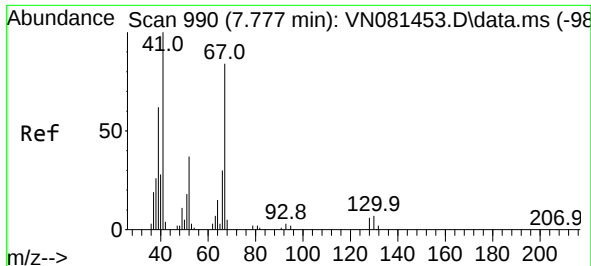
Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Tgt Ion: 78 Resp: 422260

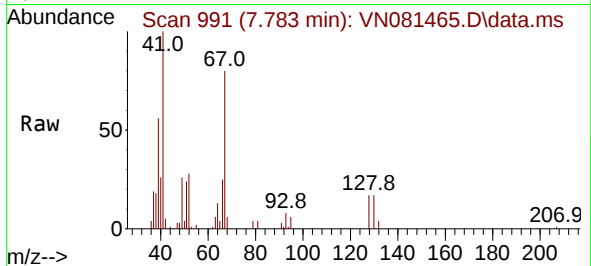
Ion	Ratio	Lower	Upper
78	100		
77	24.7	20.4	30.6





#41
Methacrylonitrile
Concen: 17.389 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

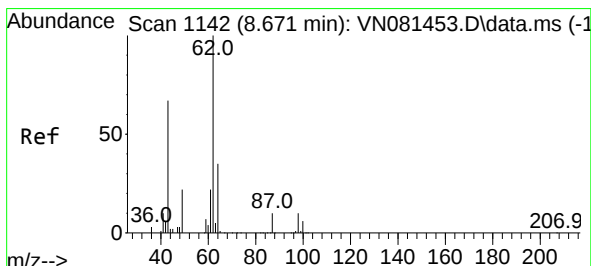
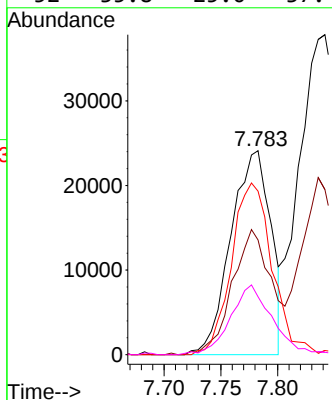
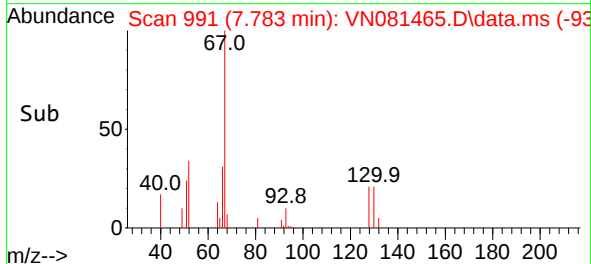
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 41 Resp: 5910
Ion Ratio Lower Upper
41 100
39 60.7 48.4 72.6
67 86.3 56.8 85.2
52 35.8 25.0 37.4

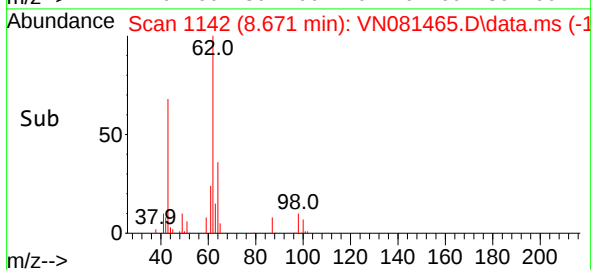
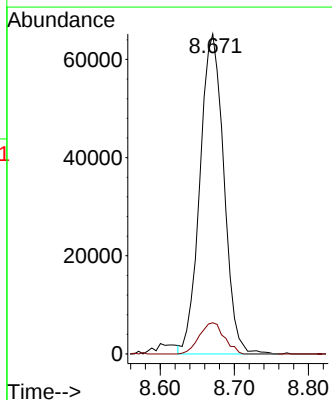
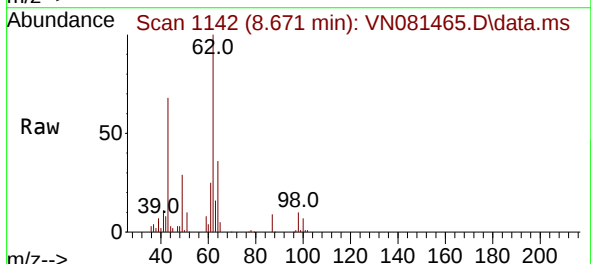
Manual Integrations
APPROVED

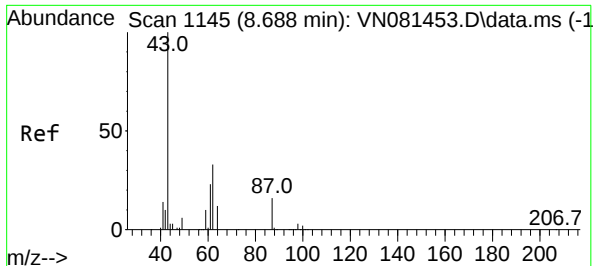
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#42
1,2-Dichloroethane
Concen: 18.915 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

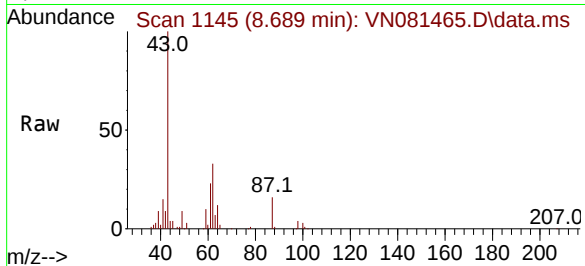
Tgt Ion: 62 Resp: 146063
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.0





#43
Isopropyl Acetate
Concen: 17.700 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

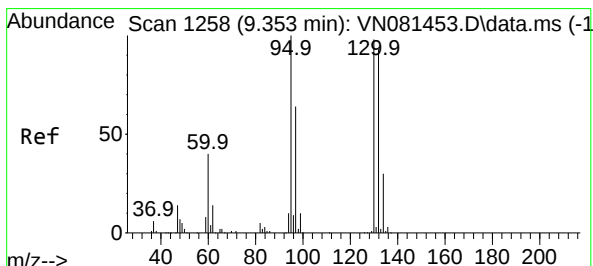
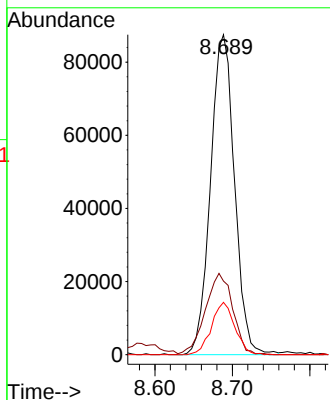
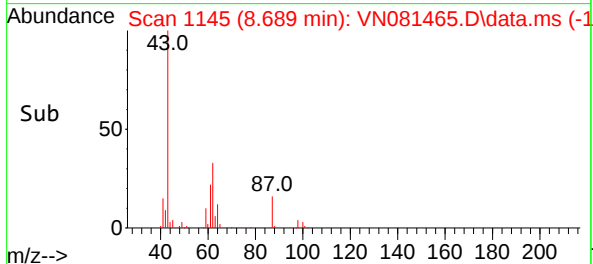
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 43 Resp: 18856
Ion Ratio Lower Upper
43 100
61 29.0 19.9 29.9
87 16.0 9.0 13.6

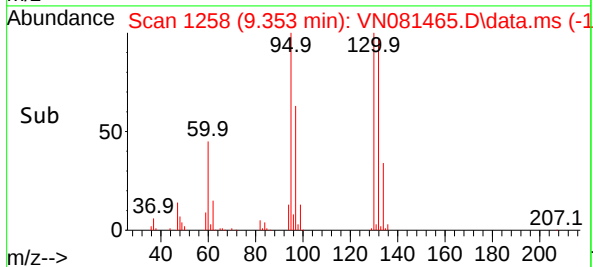
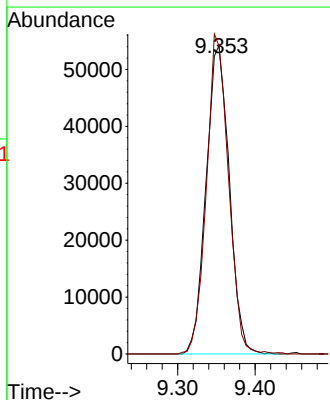
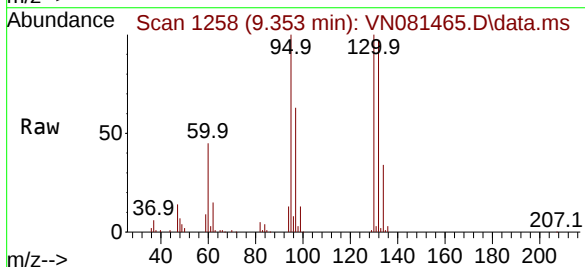
Manual Integrations
APPROVED

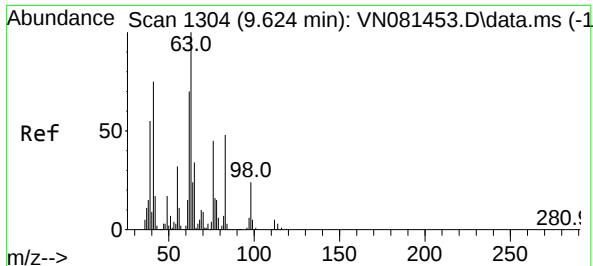
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#44
Trichloroethene
Concen: 18.275 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion:130 Resp: 112784
Ion Ratio Lower Upper
130 100
95 99.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.923 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion: 63 Resp: 105949

Ion Ratio Lower Upper

63 100

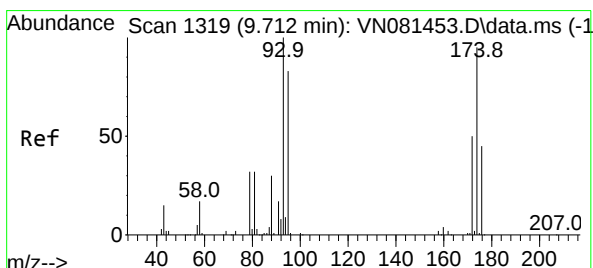
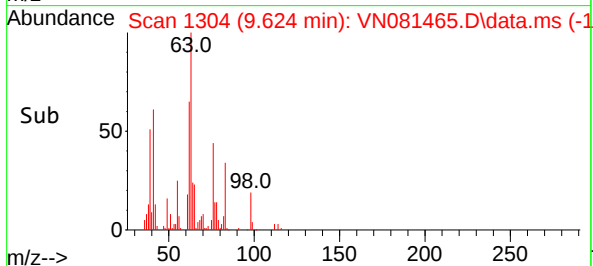
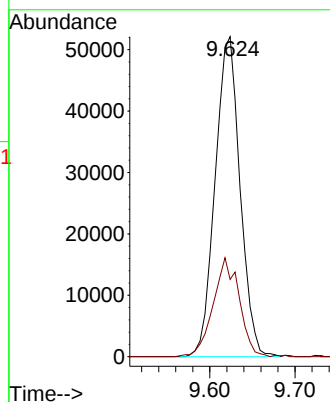
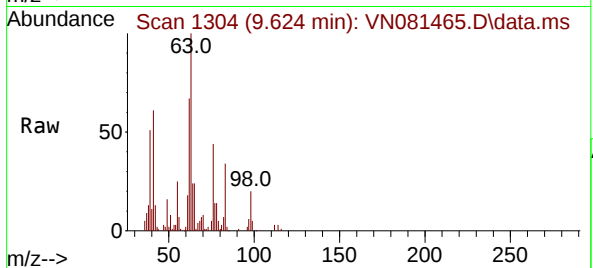
65 23.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#46

Dibromomethane

Concen: 18.555 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

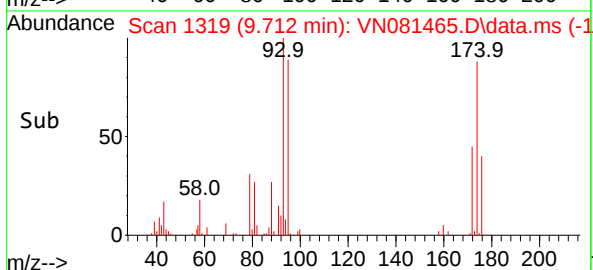
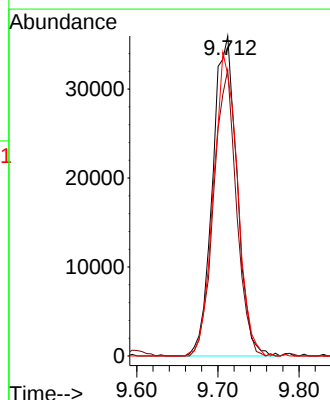
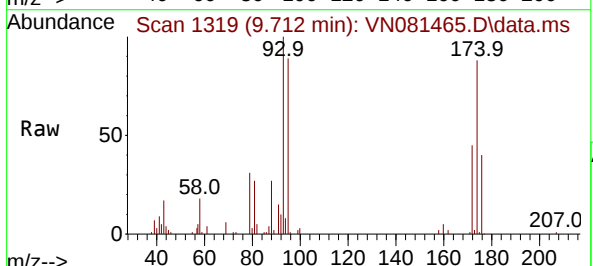
Tgt Ion: 93 Resp: 74935

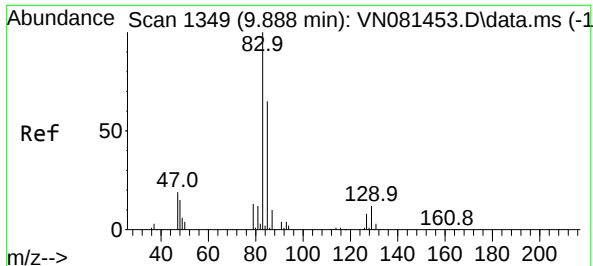
Ion Ratio Lower Upper

93 100

95 83.8 68.1 102.1

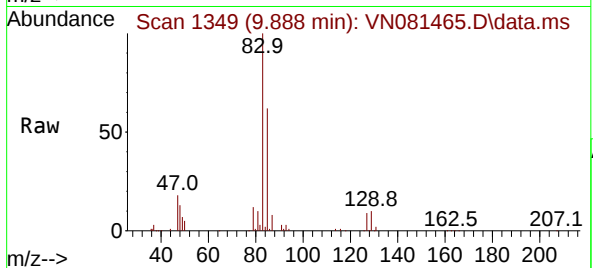
174 93.7 57.2 85.8





#47
Bromodichloromethane
Concen: 19.297 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

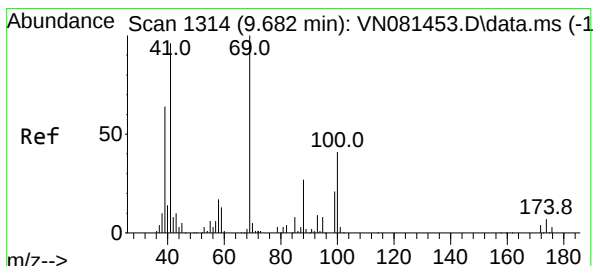
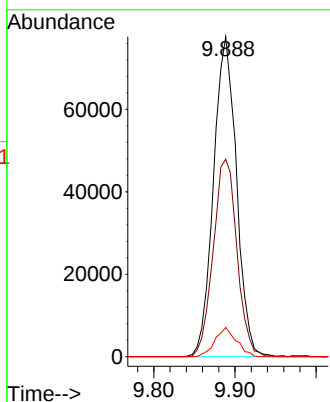
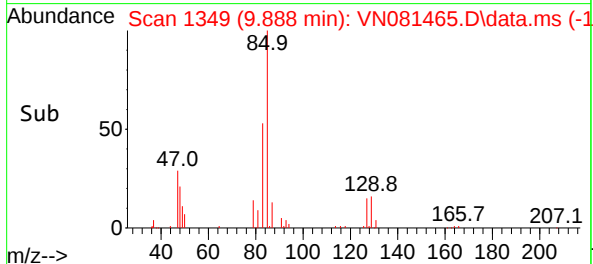
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



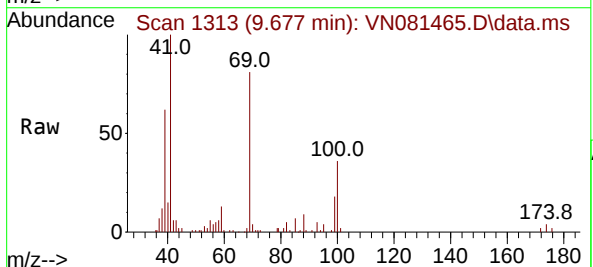
Tgt Ion: 83 Resp: 152368
Ion Ratio Lower Upper
83 100
85 61.7 52.3 78.5
127 9.1 4.6 7.0

Manual Integrations
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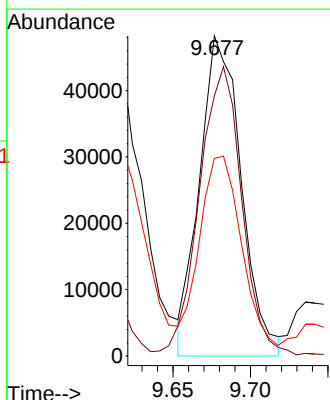
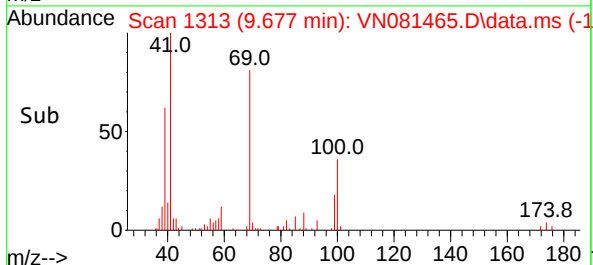
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

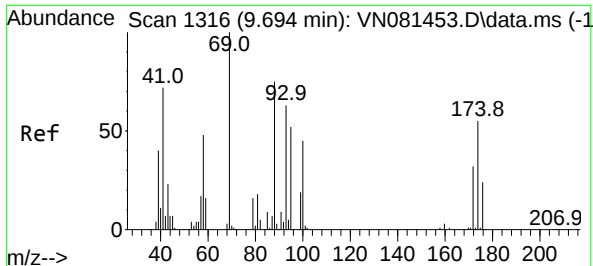


#48
Methyl methacrylate
Concen: 18.354 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59



Tgt Ion: 41 Resp: 90187
Ion Ratio Lower Upper
41 100
69 92.7 62.2 93.2
39 64.7 47.6 71.4





#49

1,4-Dioxane

Concen: 302.522 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

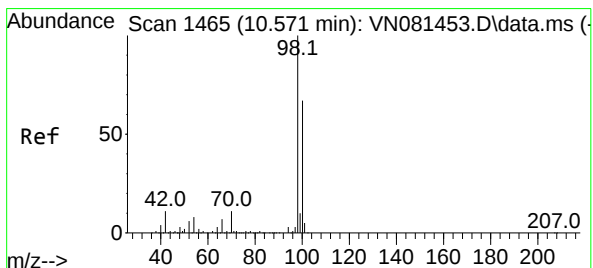
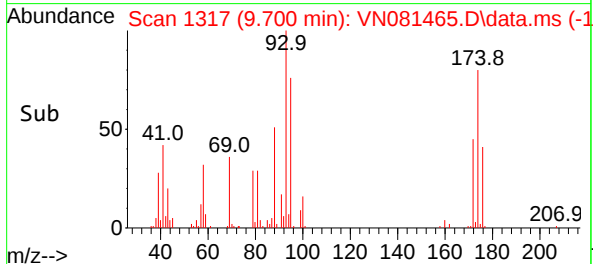
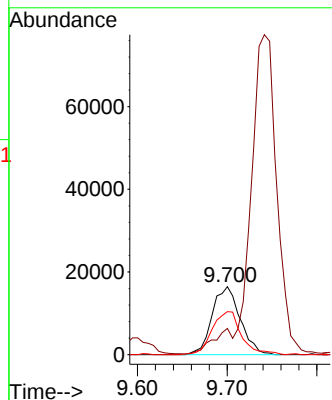
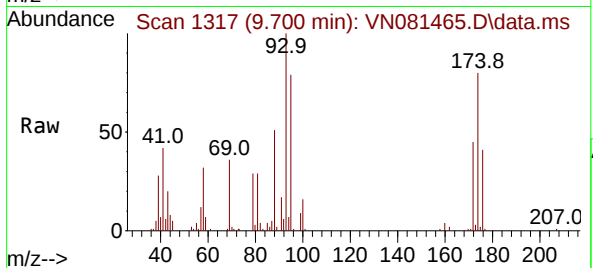
Tgt Ion: 88 Resp: 35723
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.1 45.1
 58 65.9 63.9 95.9

Manual Integrations

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Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#50

Toluene-d8

Concen: 49.153 ug/l

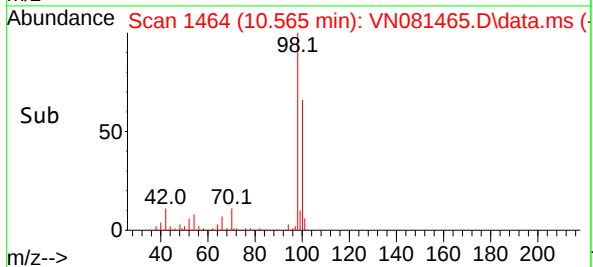
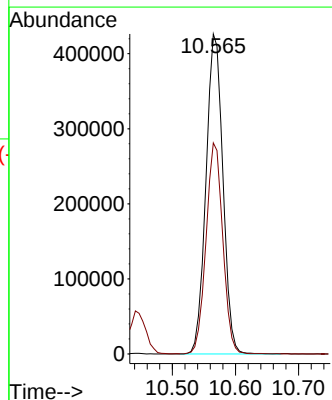
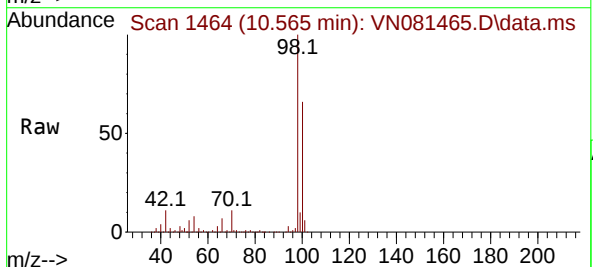
RT: 10.565 min Scan# 1464

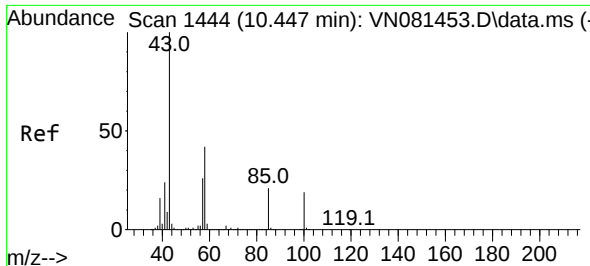
Delta R.T. -0.006 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Tgt Ion: 98 Resp: 792430
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.4 77.0





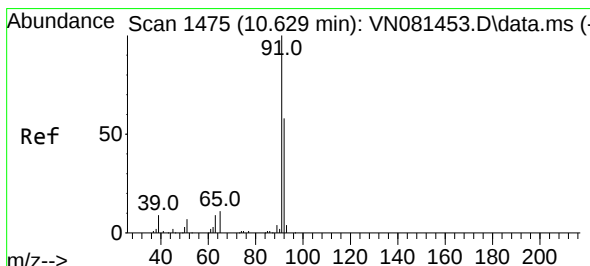
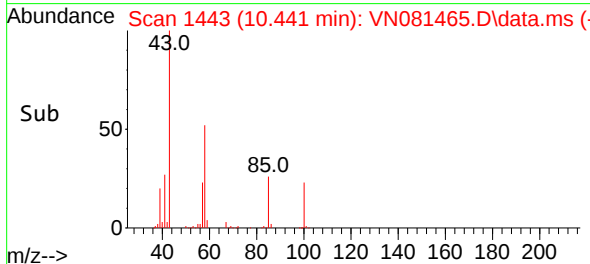
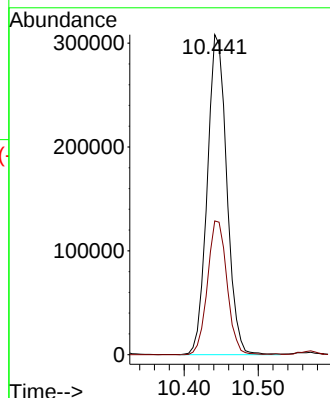
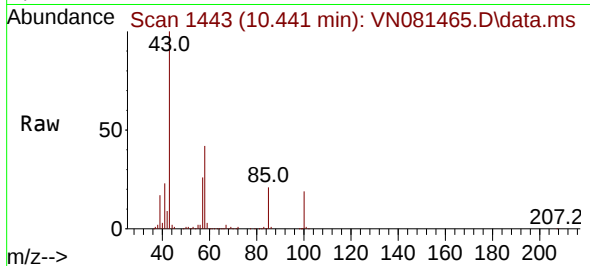
#51
4-Methyl-2-Pentanone
Concen: 86.743 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion: 43 Resp: 563870
Ion Ratio Lower Upper
43 100
58 41.7 29.4 44.0

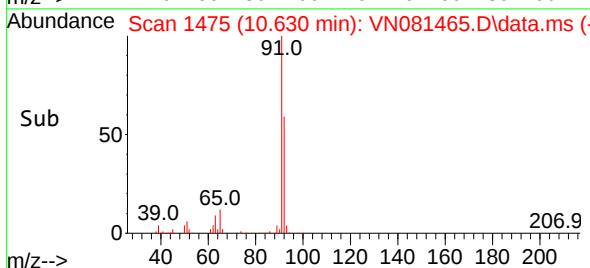
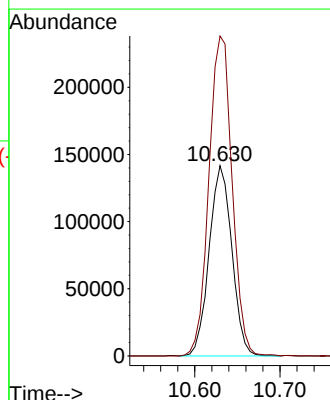
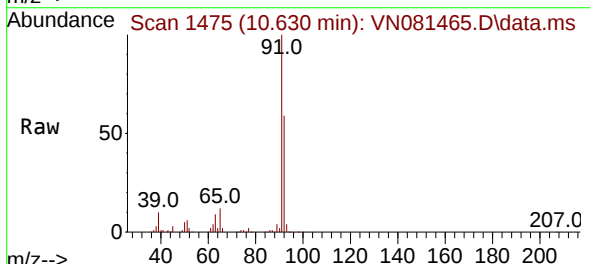
Manual Integrations
APPROVED

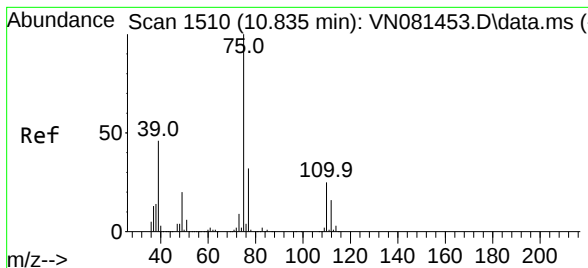
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#52
Toluene
Concen: 18.803 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion: 92 Resp: 262235
Ion Ratio Lower Upper
92 100
91 172.2 139.4 209.0





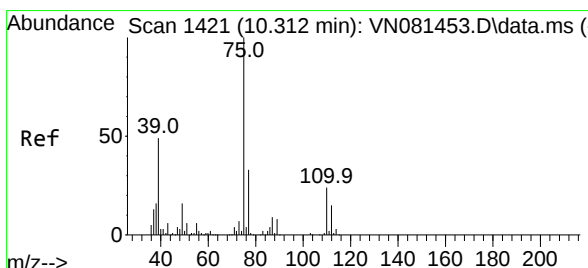
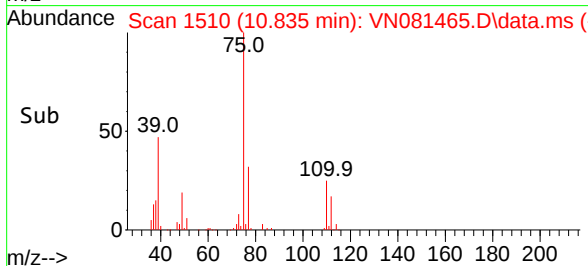
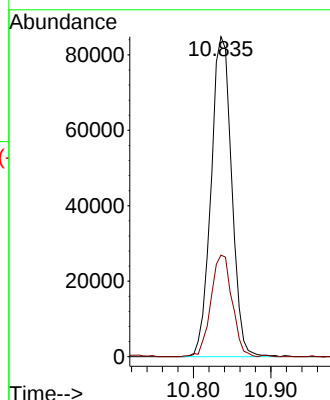
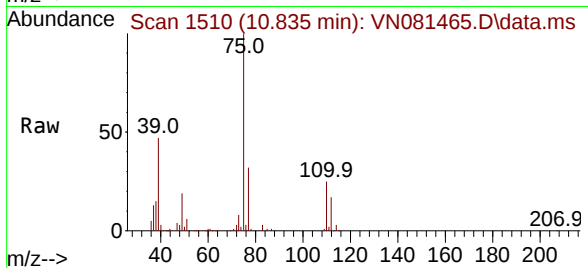
#53
 t-1,3-Dichloropropene
 Concen: 18.397 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Tgt Ion: 75 Resp: 156852
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3

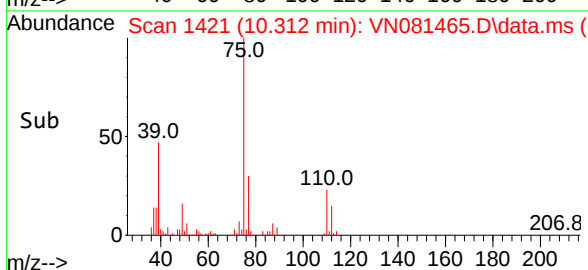
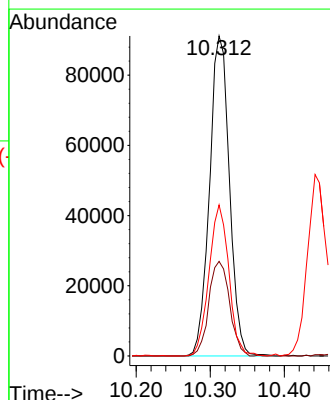
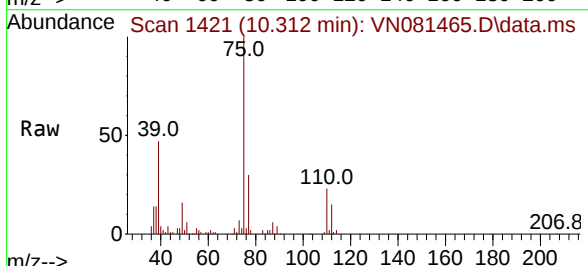
Manual Integrations
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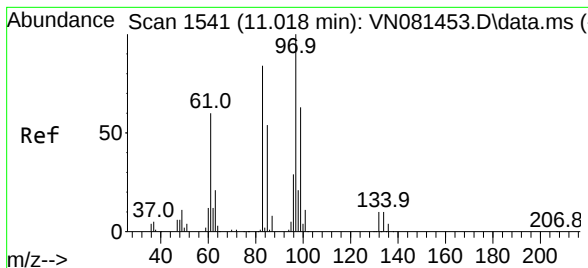
Reviewed By :John Carlone 03/20/2024
 Supervised By :Mahesh Dadoda 03/20/2024



#54
 cis-1,3-Dichloropropene
 Concen: 18.604 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

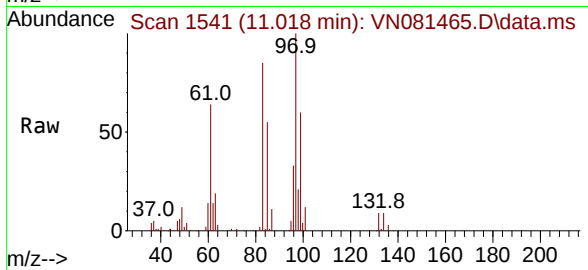
Tgt Ion: 75 Resp: 170071
 Ion Ratio Lower Upper
 75 100
 77 29.6 23.3 34.9
 39 47.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 18.059 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

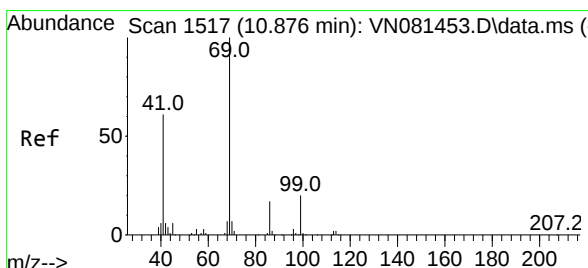
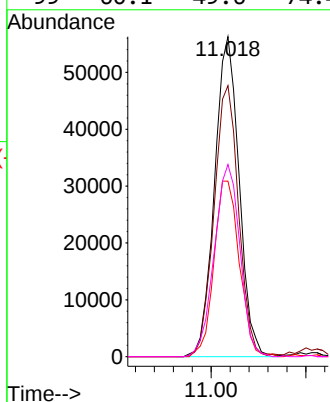
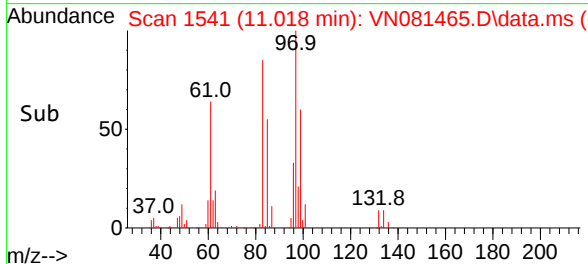
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



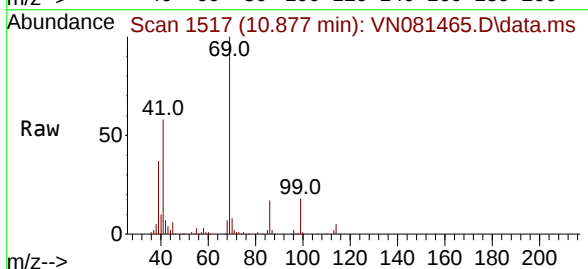
Tgt Ion: 97 Resp: 101359
Ion Ratio Lower Upper
97 100
83 84.7 72.9 109.3
85 54.8 50.2 75.2
99 60.1 49.6 74.4

Manual Integrations
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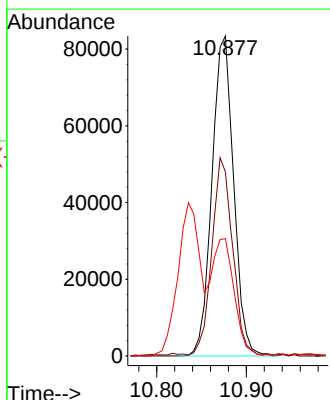
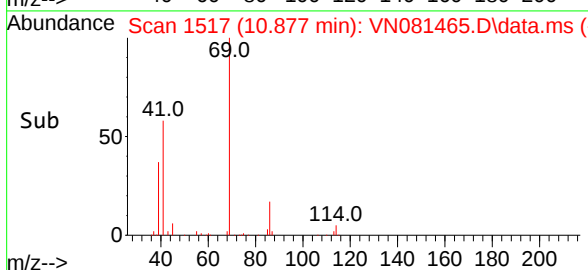
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

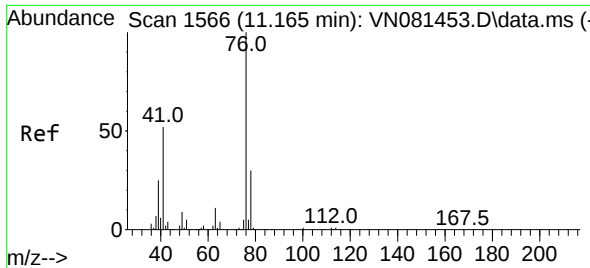


#56
Ethyl methacrylate
Concen: 18.287 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59



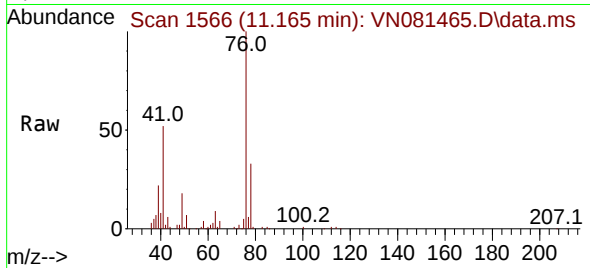
Tgt Ion: 69 Resp: 140070
Ion Ratio Lower Upper
69 100
41 58.7 61.0 91.6#
39 38.4 31.8 47.6





#57
1,3-Dichloropropane
Concen: 18.932 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

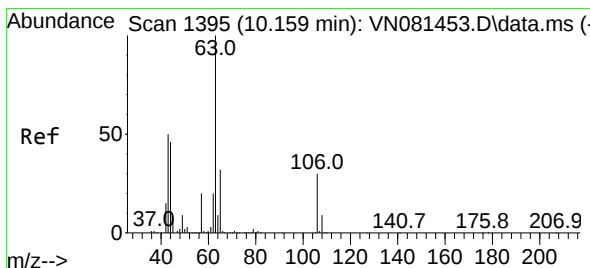
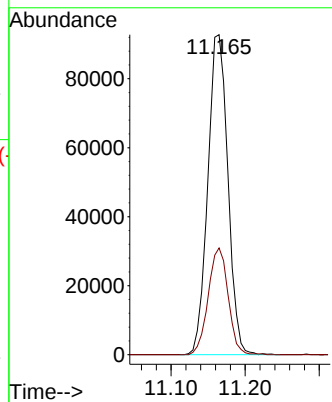
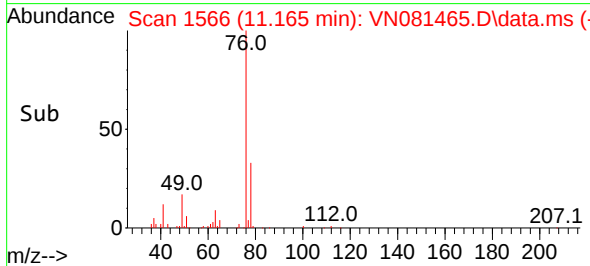
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 76 Resp: 174190
Ion Ratio Lower Upper
76 100
78 33.1 25.5 38.3

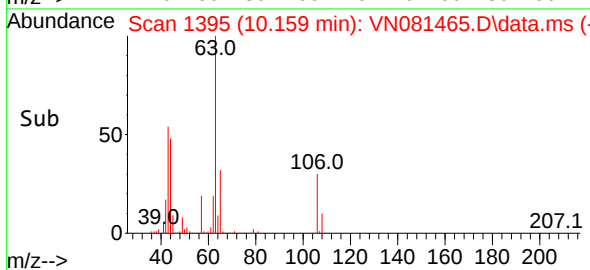
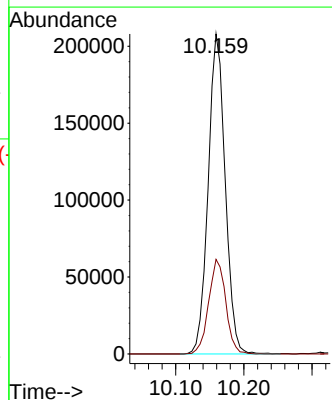
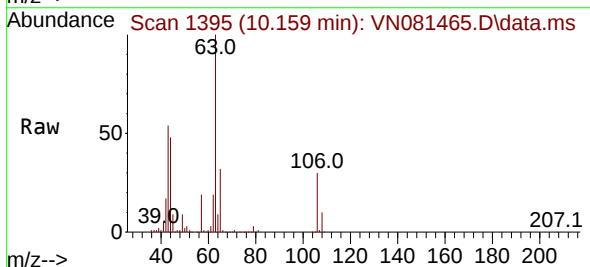
Manual Integrations
APPROVED

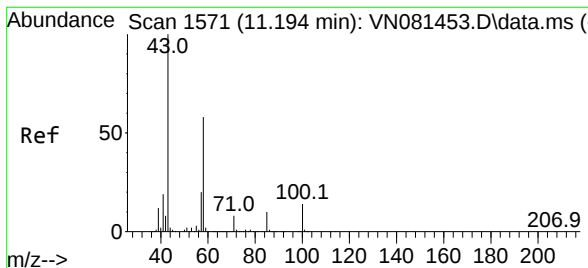
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 102.403 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

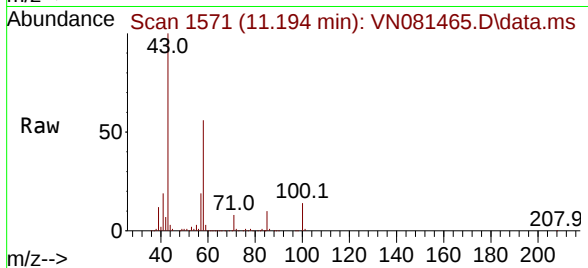
Tgt Ion: 63 Resp: 361651
Ion Ratio Lower Upper
63 100
106 29.7 18.6 28.0#





#59
2-Hexanone
Concen: 85.709 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

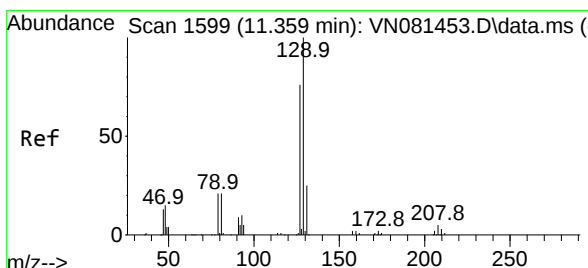
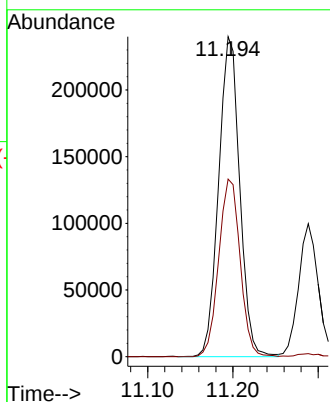
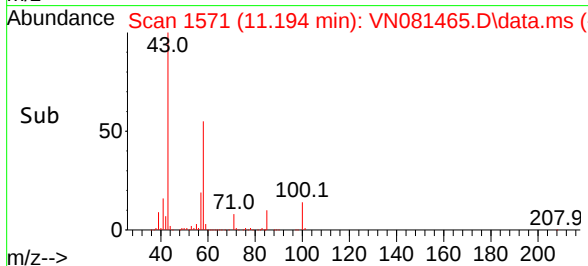
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 43 Resp: 411929
Ion Ratio Lower Upper
43 100
58 56.5 25.9 77.8

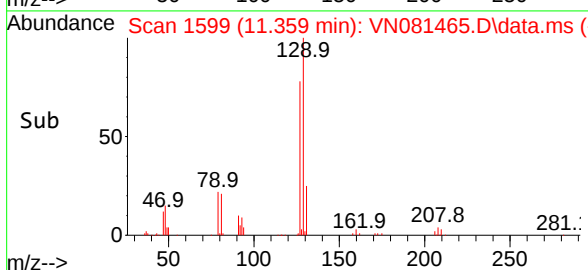
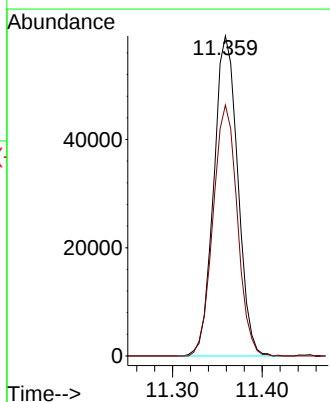
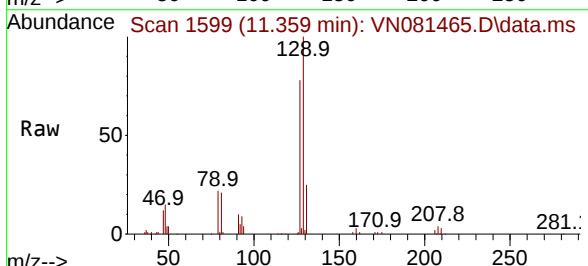
Manual Integrations
APPROVED

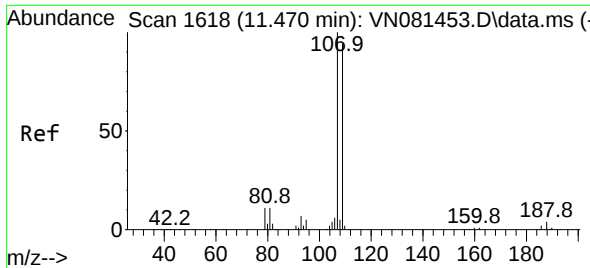
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#60
Dibromochloromethane
Concen: 17.772 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion:129 Resp: 109701
Ion Ratio Lower Upper
129 100
127 79.2 39.4 118.2





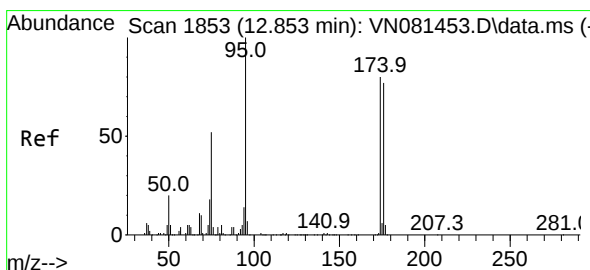
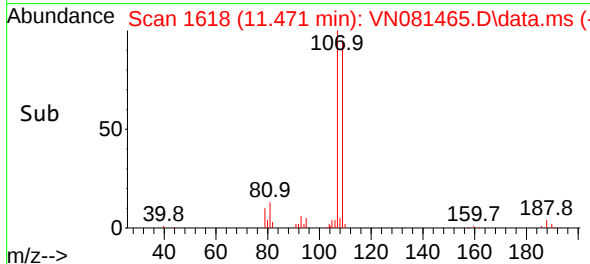
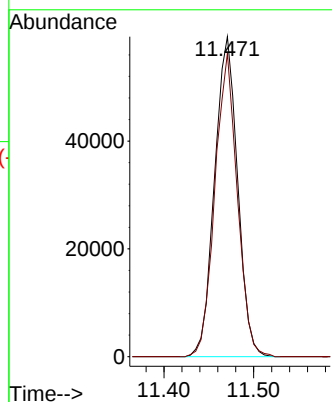
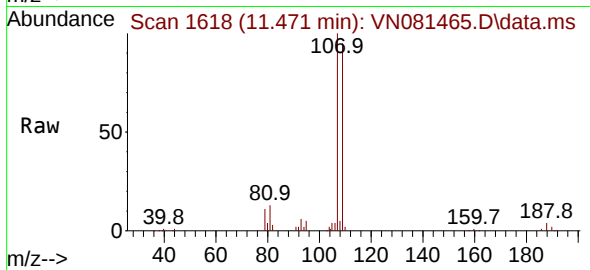
#61
1,2-Dibromoethane
Concen: 18.471 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion:107 Resp: 10569
Ion Ratio Lower Upper
107 100
109 92.3 73.4 110.2

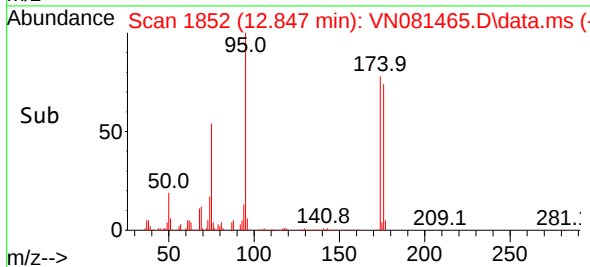
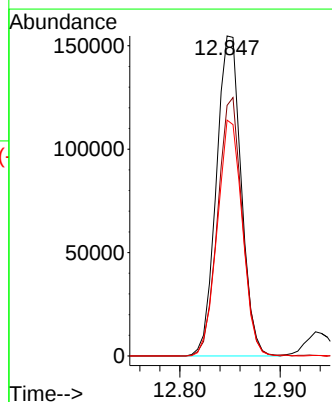
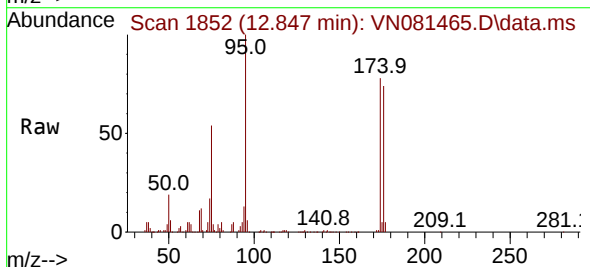
Manual Integrations
APPROVED

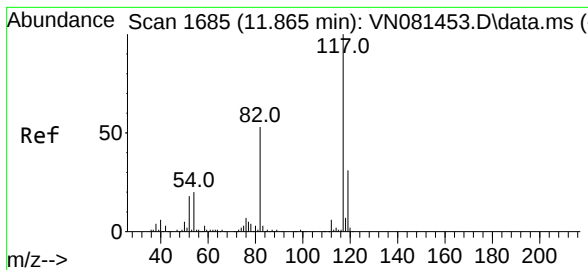
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#62
4-Bromofluorobenzene
Concen: 46.898 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

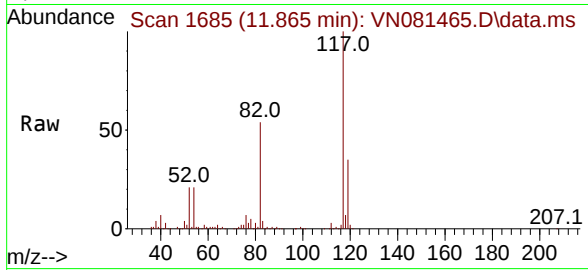
Tgt Ion: 95 Resp: 266415
Ion Ratio Lower Upper
95 100
174 79.4 0.0 120.4
176 74.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

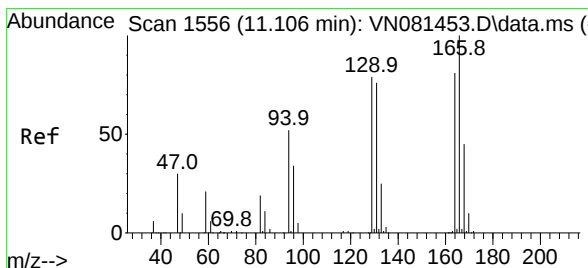
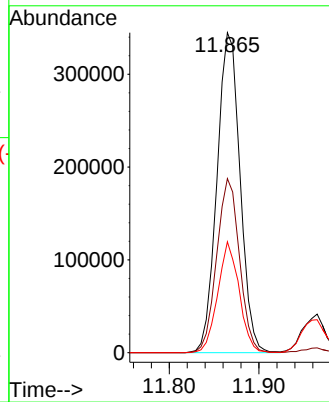
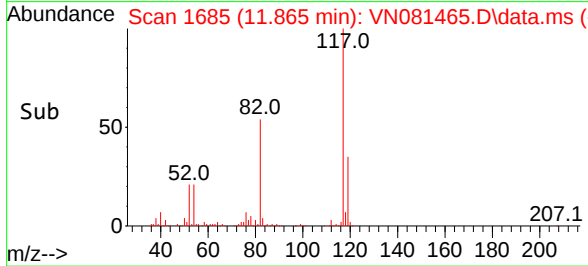
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion:117 Resp: 616584
Ion Ratio Lower Upper
117 100
82 54.4 52.7 79.1
119 34.6 25.3 37.9

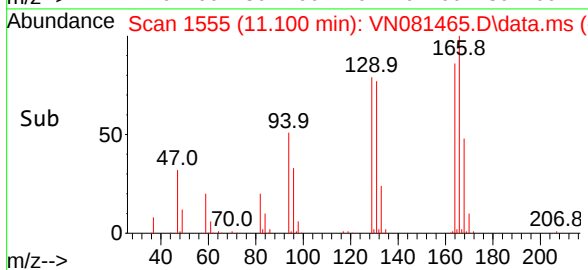
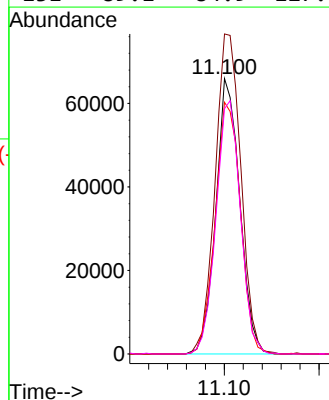
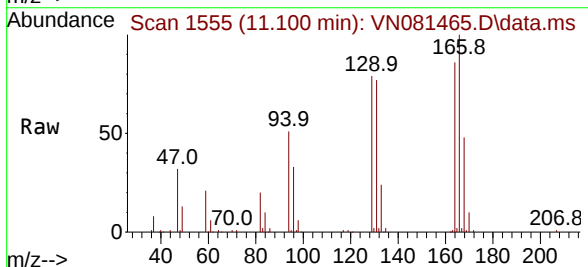
Manual Integrations
APPROVED

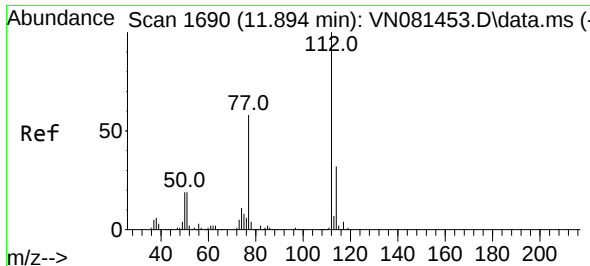
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#64
Tetrachloroethene
Concen: 19.630 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion:164 Resp: 115692
Ion Ratio Lower Upper
164 100
166 116.2 105.8 158.6
129 91.4 89.6 134.4
131 89.1 84.9 127.3





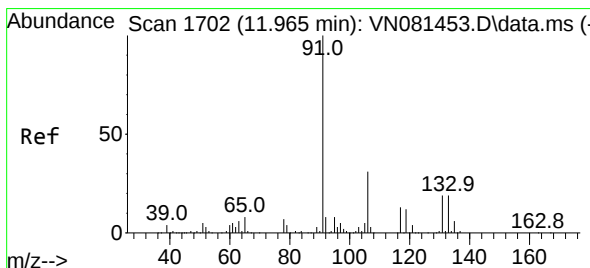
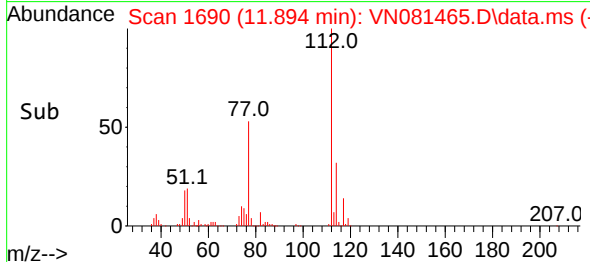
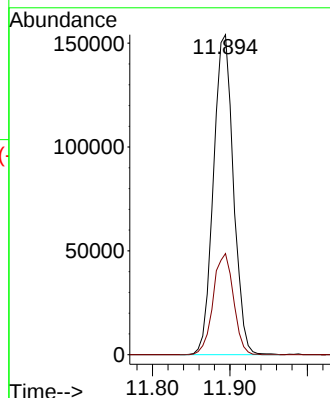
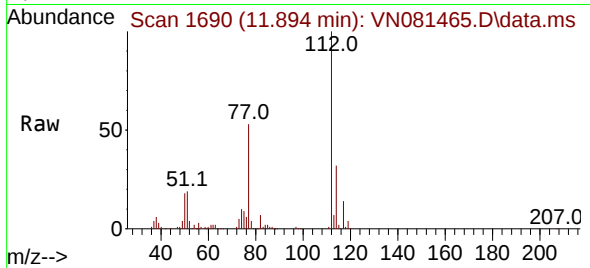
#65
Chlorobenzene
Concen: 18.915 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion:112 Resp: 275712
Ion Ratio Lower Upper
112 100
114 31.6 23.7 35.5

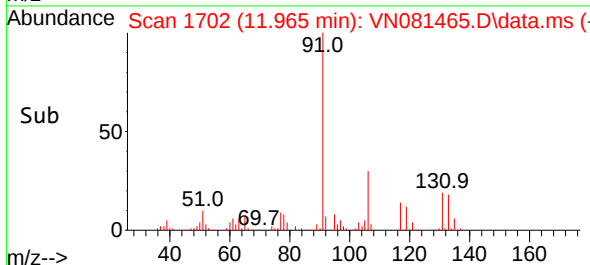
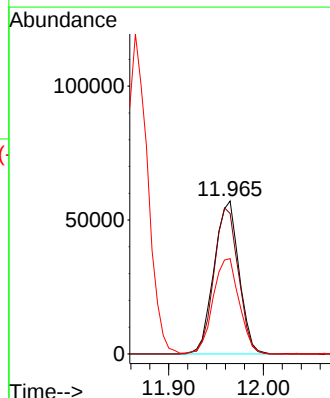
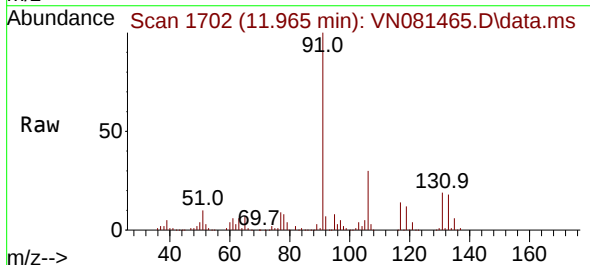
Manual Integrations
APPROVED

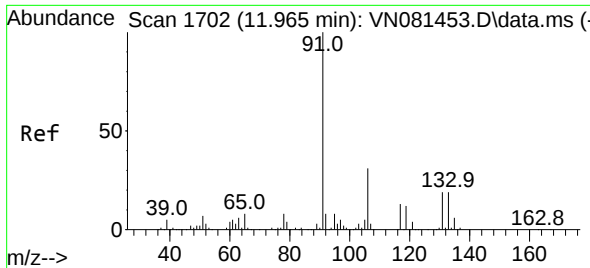
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.348 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

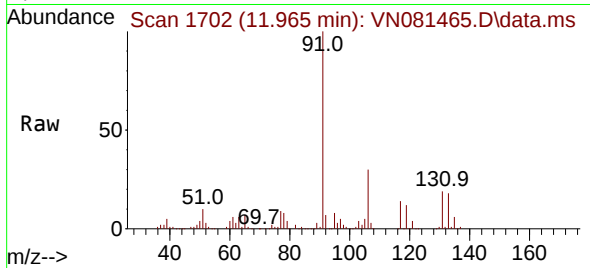
Tgt Ion:131 Resp: 104523
Ion Ratio Lower Upper
131 100
133 93.4 46.8 140.3
119 65.3 34.6 103.9





#67
Ethyl Benzene
Concen: 19.486 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

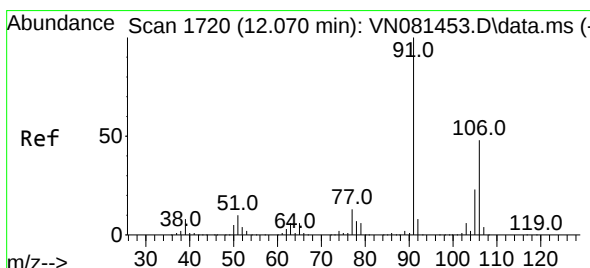
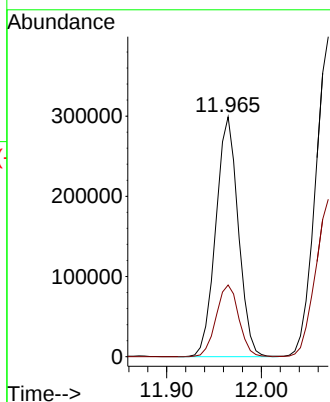
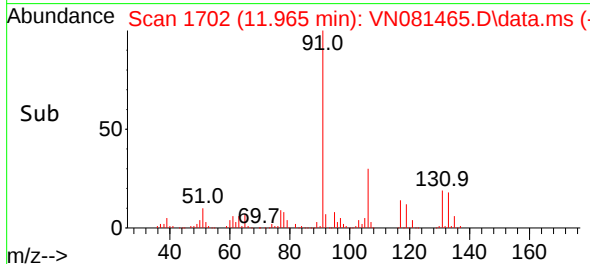
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



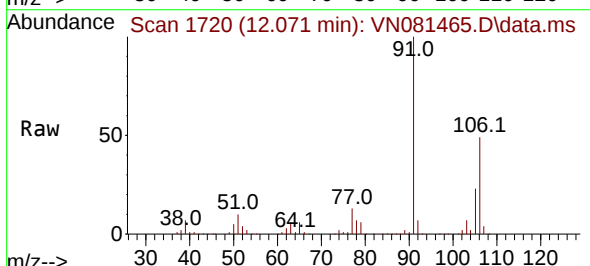
Tgt Ion: 91 Resp: 493372
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6

Manual Integrations
APPROVED

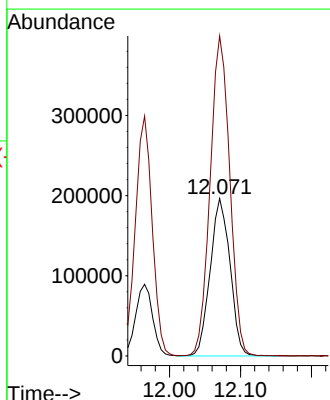
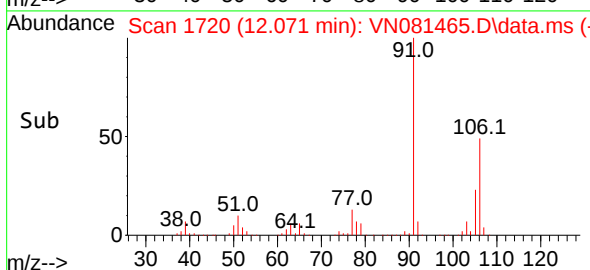
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

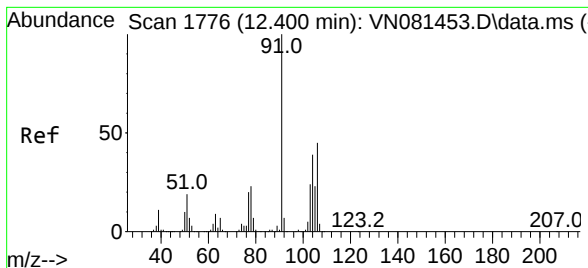


#68
m/p-Xylenes
Concen: 40.179 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59



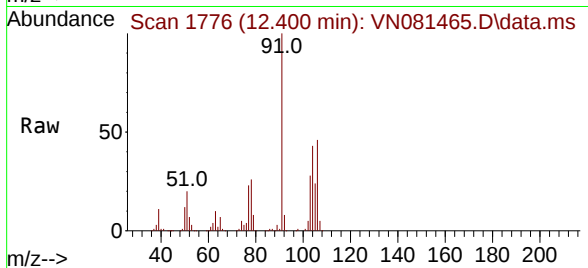
Tgt Ion:106 Resp: 381378
Ion Ratio Lower Upper
106 100
91 200.9 169.0 253.6





#69
o-Xylene
Concen: 19.220 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

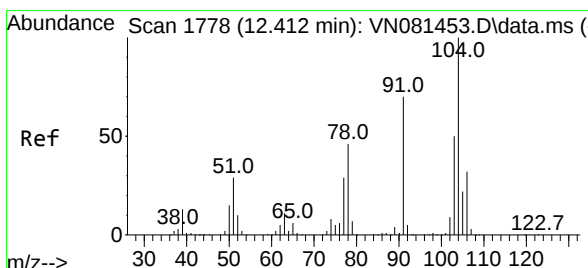
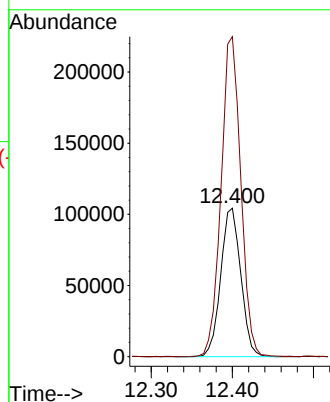
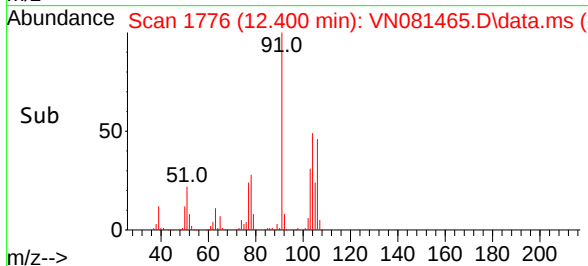
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



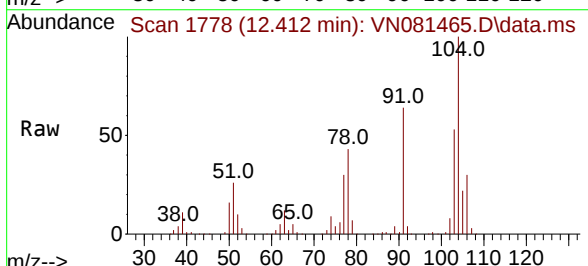
Tgt Ion:106 Resp: 17910
Ion Ratio Lower Upper
106 100
91 212.4 112.1 336.3

Manual Integrations
APPROVED

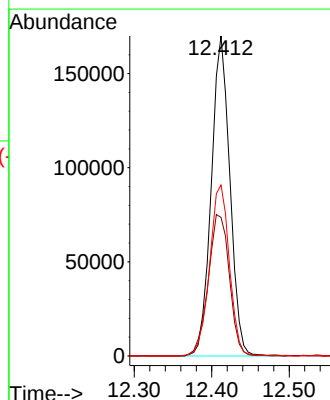
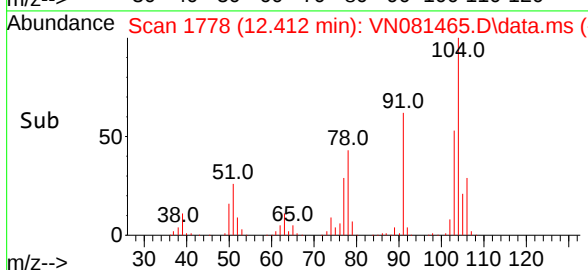
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

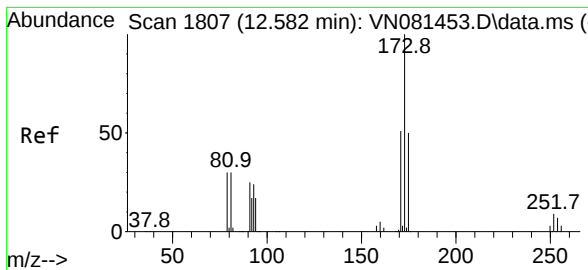


#70
Styrene
Concen: 18.855 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59



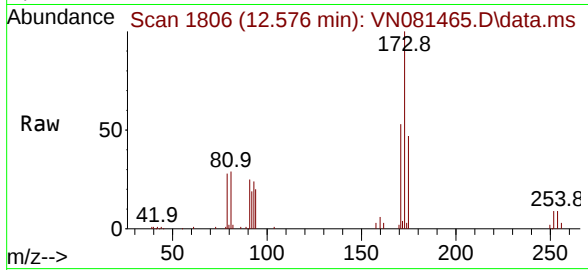
Tgt Ion:104 Resp: 283375
Ion Ratio Lower Upper
104 100
78 50.2 43.8 65.8
103 56.7 44.2 66.2





#71
Bromoform
Concen: 17.852 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

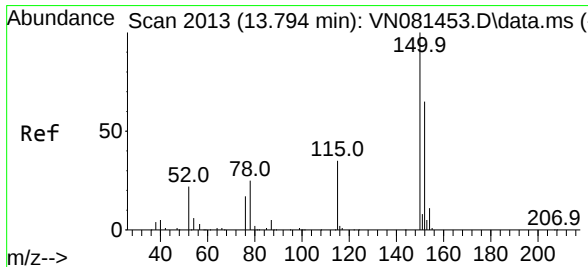
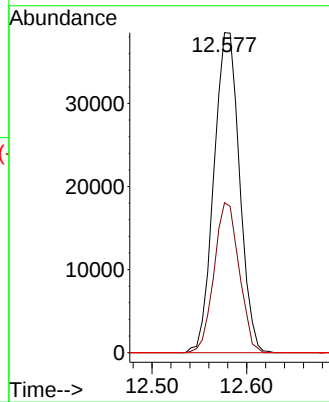
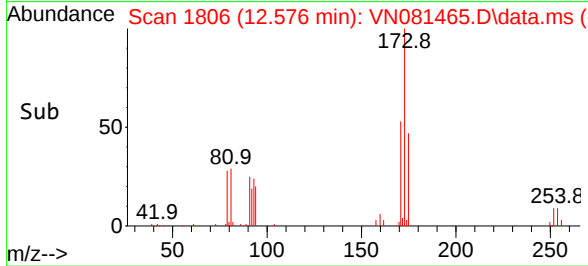
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



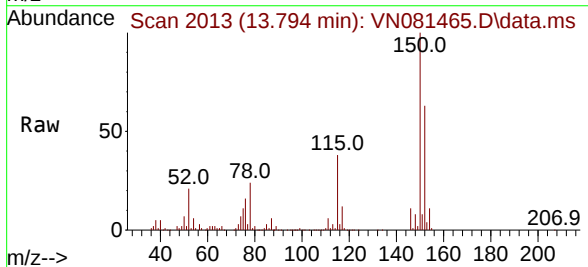
Tgt Ion:173 Resp: 7247
Ion Ratio Lower Upper
173 100
175 45.8 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

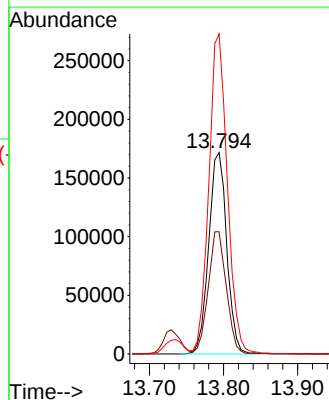
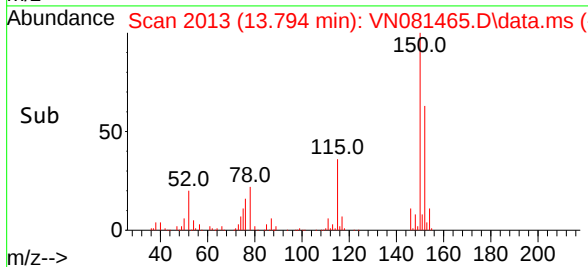
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

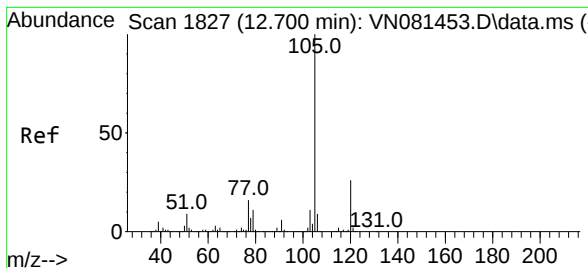


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59



Tgt Ion:152 Resp: 290769
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 162.5 0.0 339.8





#73

Isopropylbenzene

Concen: 18.913 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion:105 Resp: 468770

Ion Ratio Lower Upper

105 100

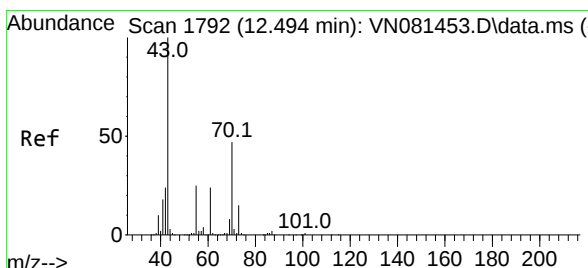
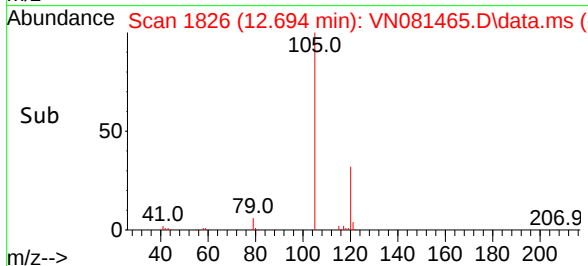
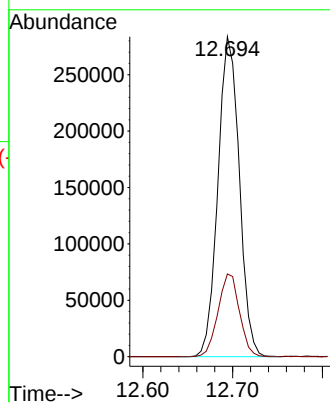
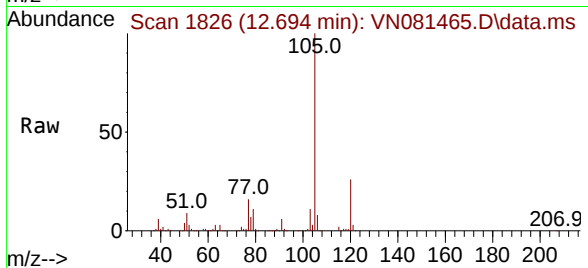
120 25.9 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#74

N-ethyl acetate

Concen: 17.627 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Tgt Ion: 43 Resp: 158107

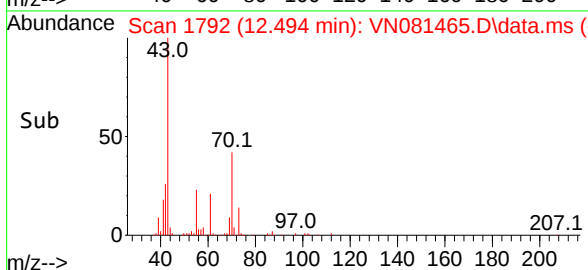
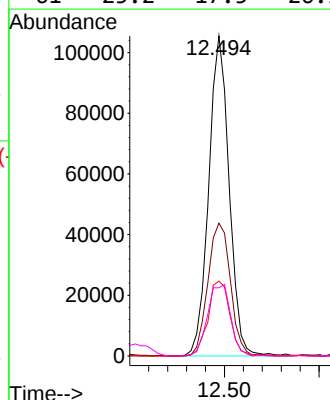
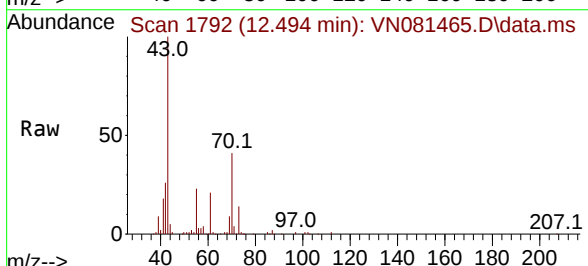
Ion Ratio Lower Upper

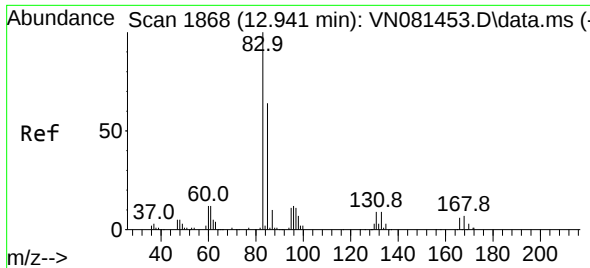
43 100

70 45.9 30.1 45.1#

55 25.3 17.0 25.4

61 25.2 17.5 26.3





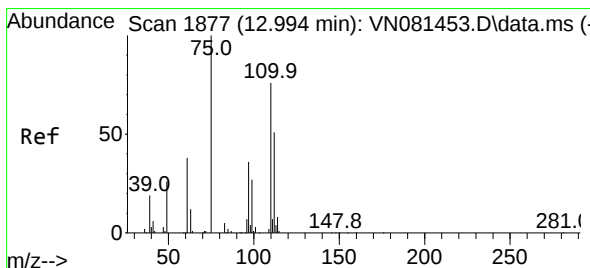
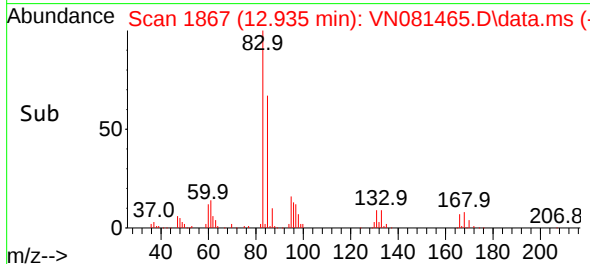
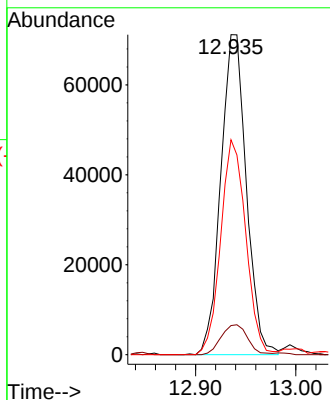
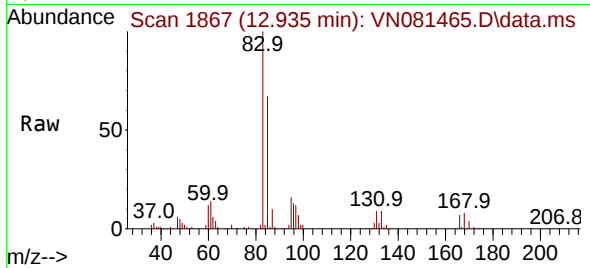
#75
1,1,2,2-Tetrachloroethane
Concen: 17.284 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Tgt Ion: 83 Resp: 125950
Ion Ratio Lower Upper
83 100
131 9.7 4.1 12.3
85 66.1 32.1 96.3

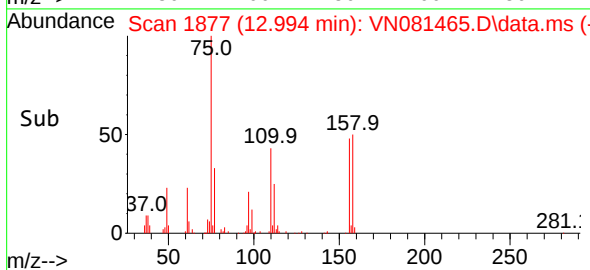
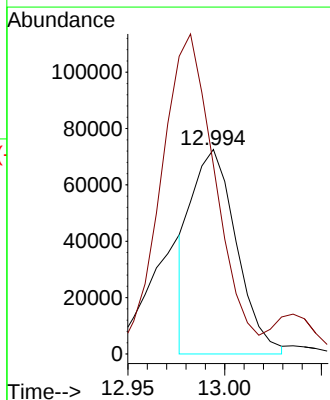
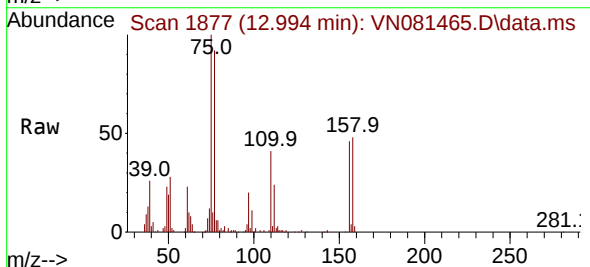
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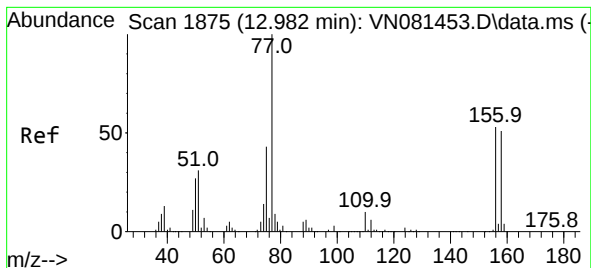
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#76
1,2,3-Trichloropropane
Concen: 16.856 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion: 75 Resp: 117237
Ion Ratio Lower Upper
75 100
77 190.2 91.0 272.8





#77

Bromobenzene

Concen: 18.097 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion:156 Resp: 11080

Ion Ratio Lower Upper

156 100

77 201.2 138.1 414.3

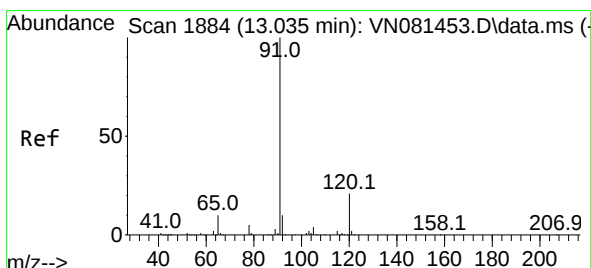
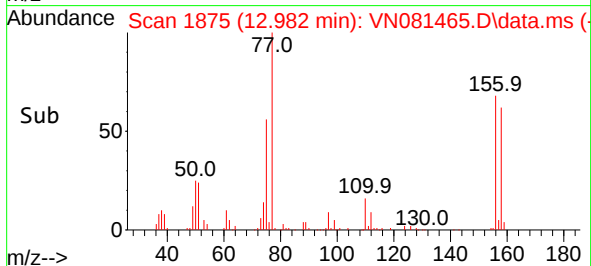
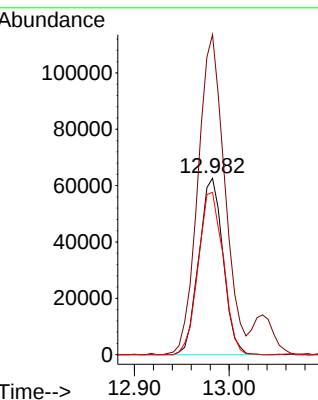
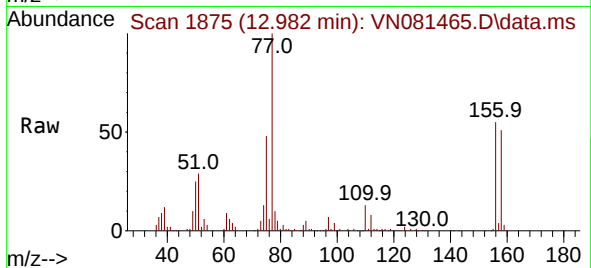
158 95.6 46.5 139.5

Manual Integrations

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Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#78

n-propylbenzene

Concen: 18.942 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081465.D

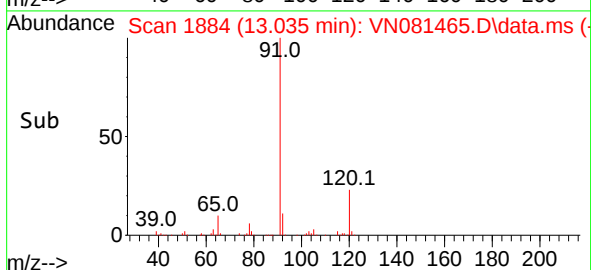
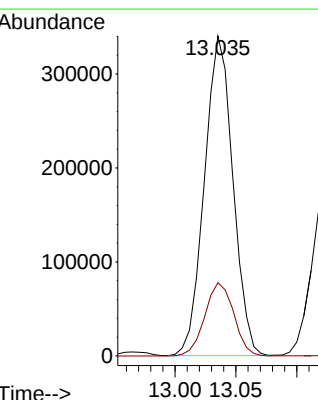
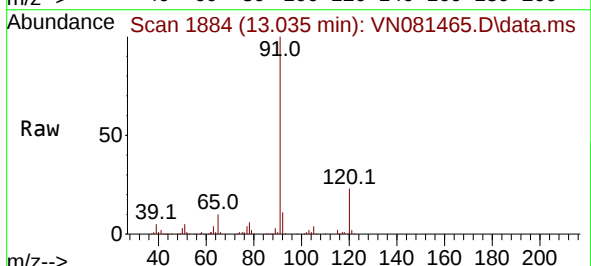
Acq: 19 Mar 2024 12:59

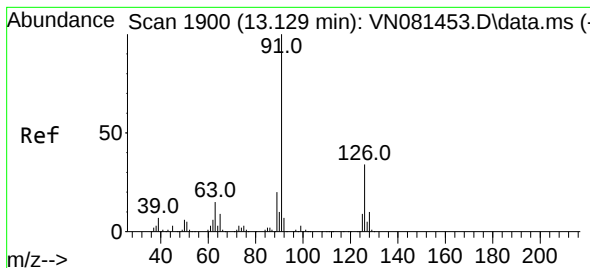
Tgt Ion: 91 Resp: 554441

Ion Ratio Lower Upper

91 100

120 23.2 10.3 30.9





#79

2-Chlorotoluene

Concen: 18.816 ug/l

RT: 13.124 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion: 91 Resp: 329620

Ion Ratio Lower Upper

91 100

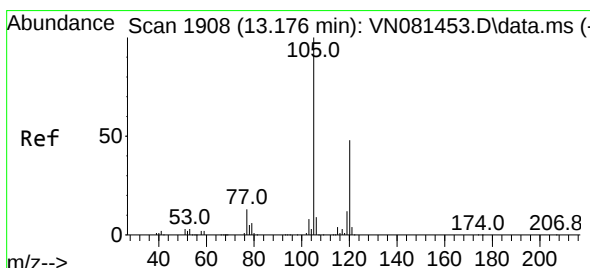
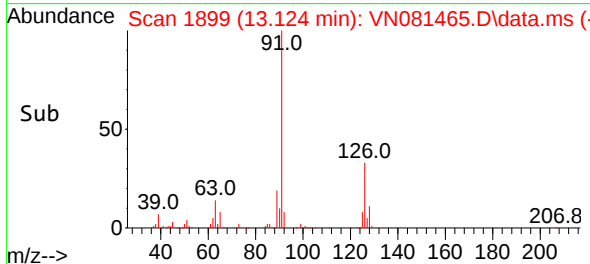
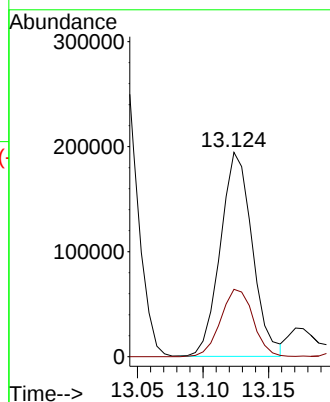
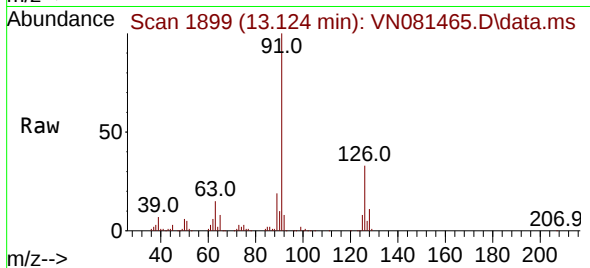
126 33.6 14.8 44.4

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APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.362 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081465.D

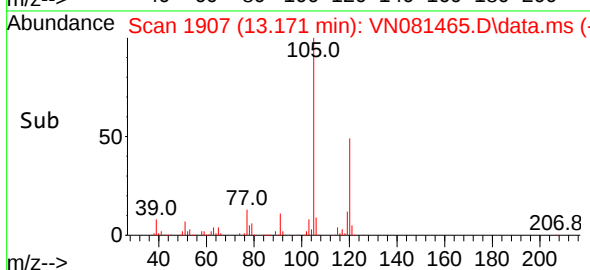
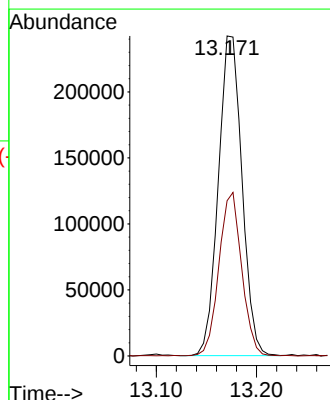
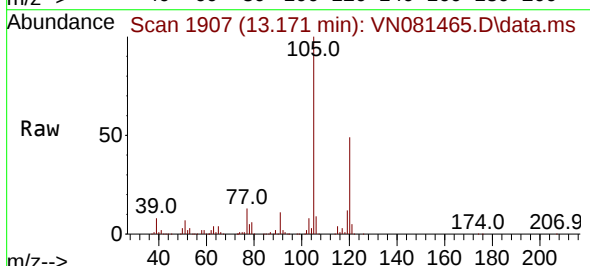
Acq: 19 Mar 2024 12:59

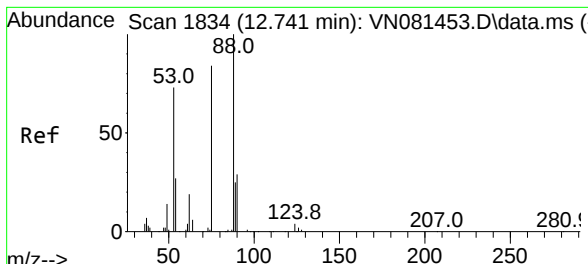
Tgt Ion:105 Resp: 396374

Ion Ratio Lower Upper

105 100

120 49.3 23.0 69.0





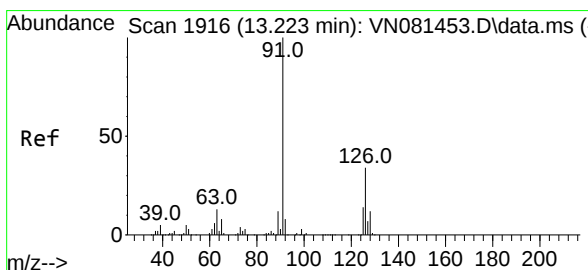
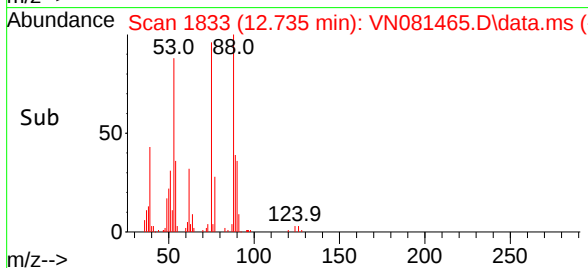
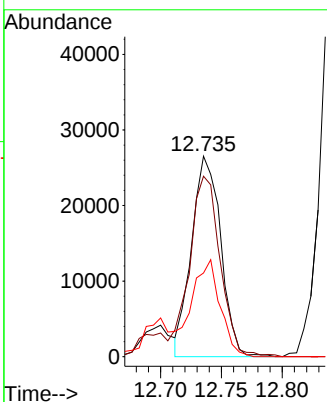
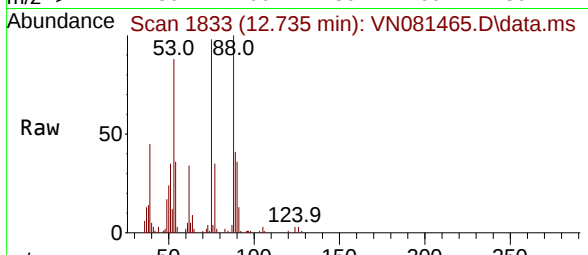
#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.195 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

Instrument : MSVOA_N
 ClientSampleId : VN0319WBSD01

Tgt Ion:	75	Resp:	44250
Ion Ratio	Lower	Upper	
75	100		
53	95.0	71.4	107.2
89	47.0	33.4	50.0

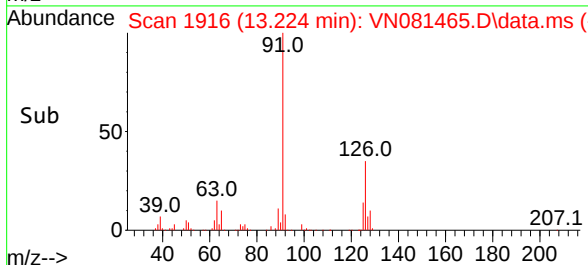
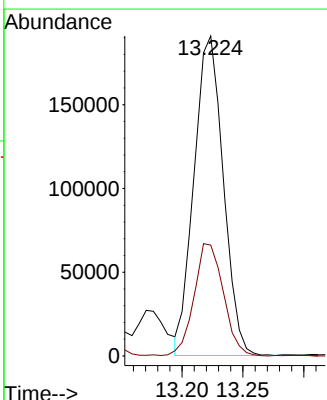
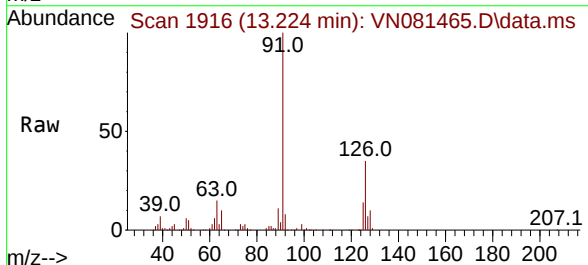
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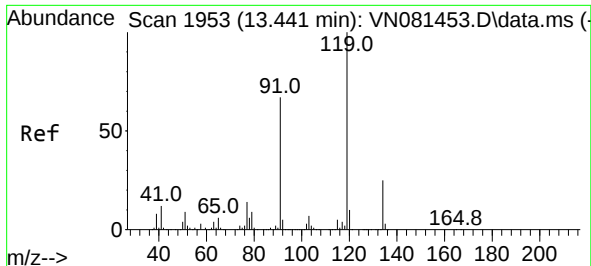
Reviewed By :John Carlone 03/20/2024
 Supervised By :Mahesh Dadoda 03/20/2024



#82
 4-Chlorotoluene
 Concen: 18.452 ug/l
 RT: 13.224 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

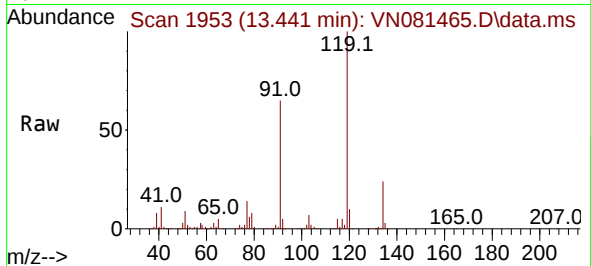
Tgt Ion:	91	Resp:	318692
Ion Ratio	Lower	Upper	
91	100		
126	35.3	15.3	45.9





#83
tert-Butylbenzene
Concen: 18.714 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

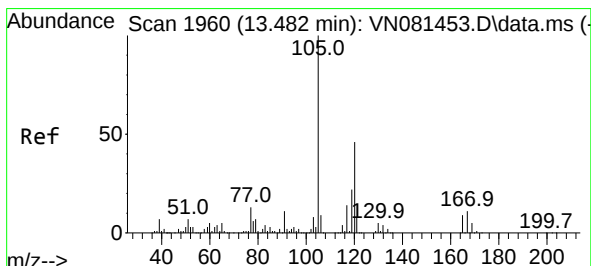
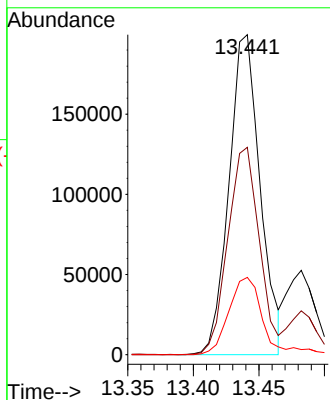
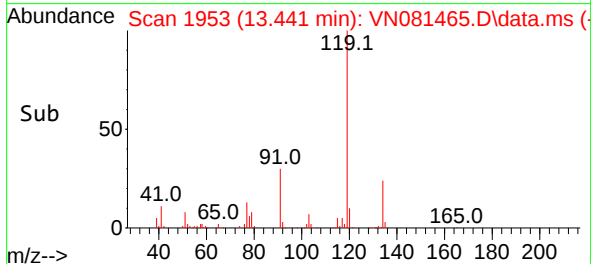
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



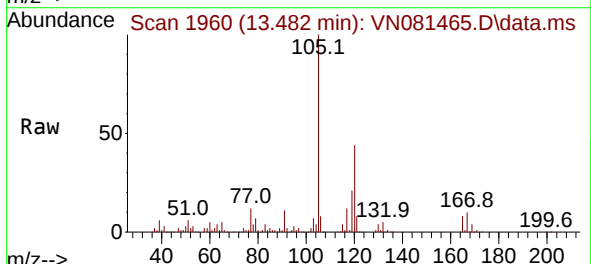
Tgt Ion:119 Resp: 330359
Ion Ratio Lower Upper
119 100
91 65.5 36.8 110.4
134 26.5 12.4 37.4

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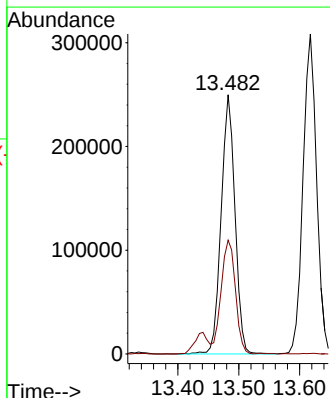
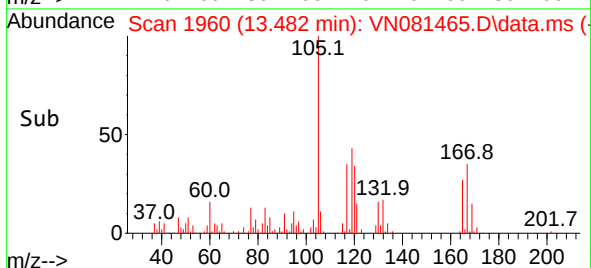
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

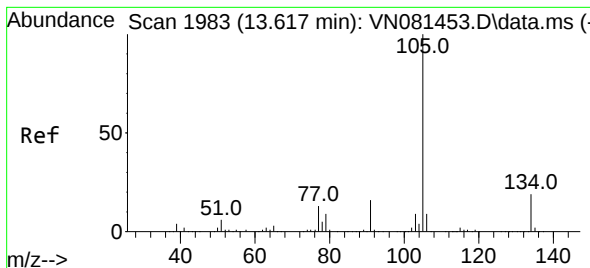


#84
1,2,4-Trimethylbenzene
Concen: 19.144 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59



Tgt Ion:105 Resp: 393898
Ion Ratio Lower Upper
105 100
120 45.5 20.9 62.7





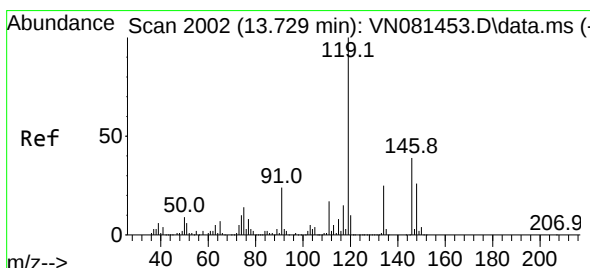
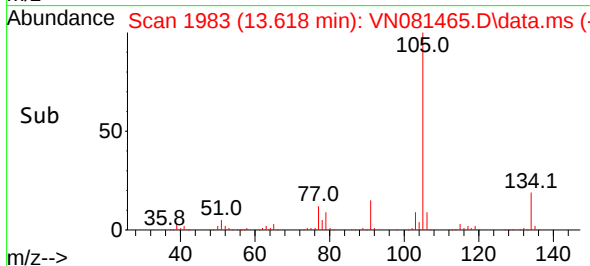
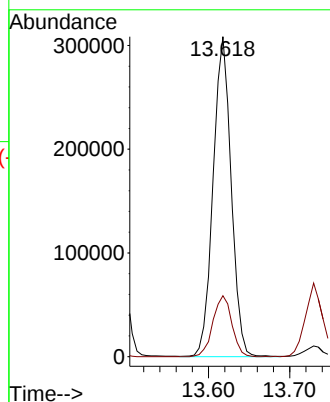
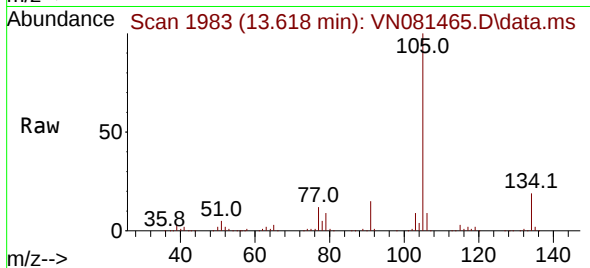
#85
 sec-Butylbenzene
 Concen: 18.905 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Tgt Ion:105 Resp: 477089
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.6 25.8

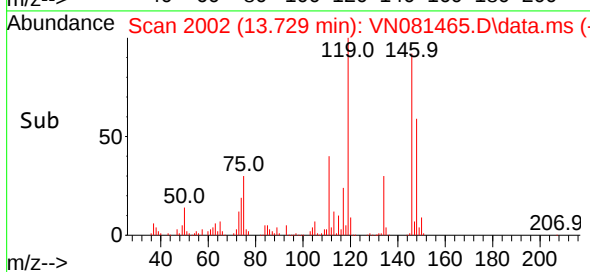
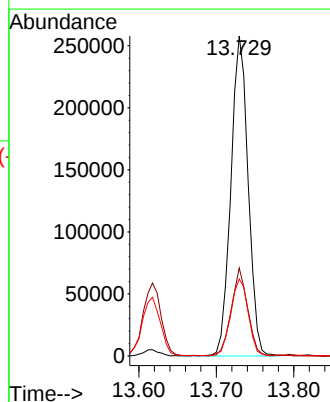
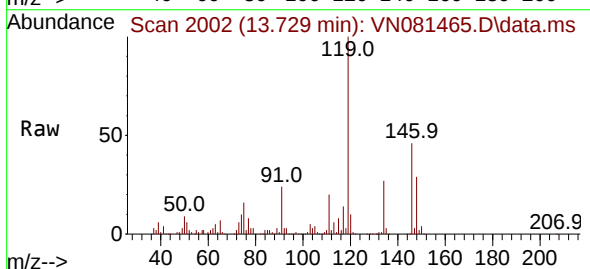
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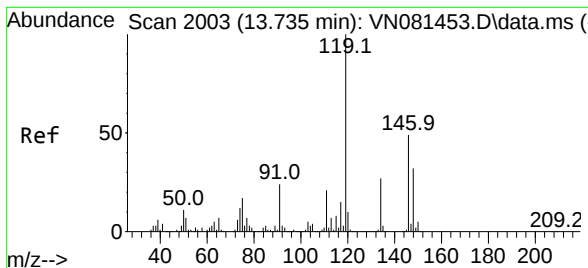
Reviewed By :John Carlone 03/20/2024
 Supervised By :Mahesh Dadoda 03/20/2024



#86
 p-Isopropyltoluene
 Concen: 19.418 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081465.D
 Acq: 19 Mar 2024 12:59

Tgt Ion:119 Resp: 400571
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 24.1 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 18.912 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0319WBSD01

Tgt Ion:146 Resp: 212744

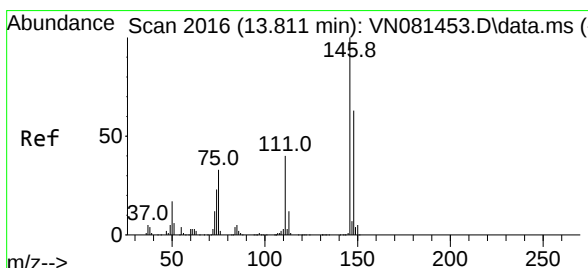
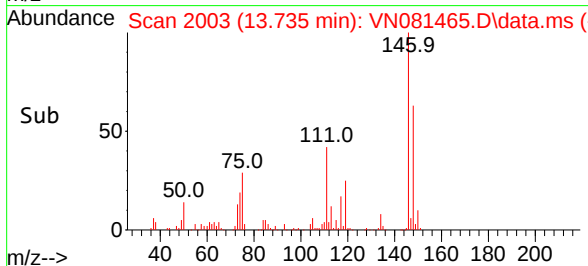
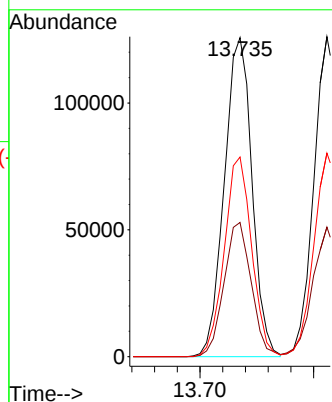
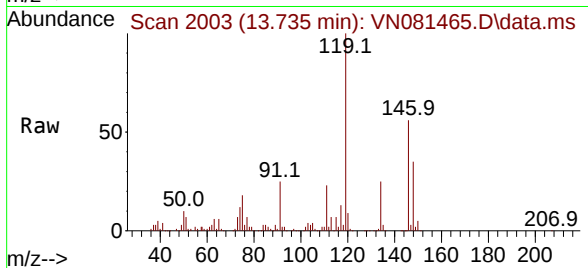
Ion	Ratio	Lower	Upper
146	100		
111	41.4	23.9	71.7
148	62.0	32.6	97.7

Manual Integrations

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Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#88

1,4-Dichlorobenzene

Concen: 18.135 ug/l

RT: 13.812 min Scan# 2016

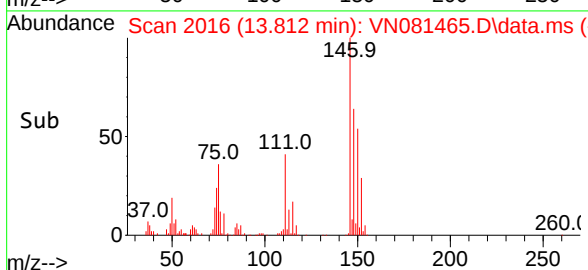
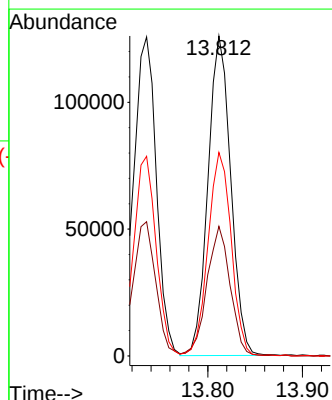
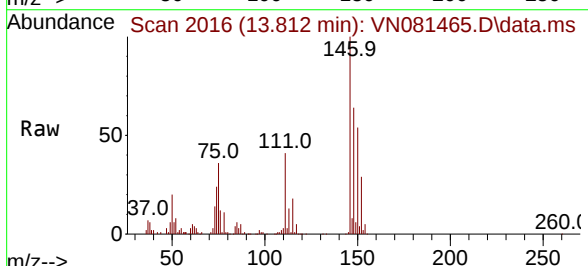
Delta R.T. 0.000 min

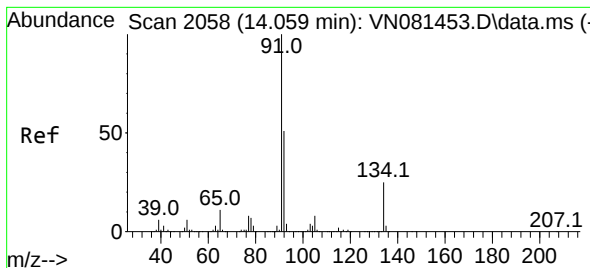
Lab File: VN081465.D

Acq: 19 Mar 2024 12:59

Tgt Ion:146 Resp: 211235

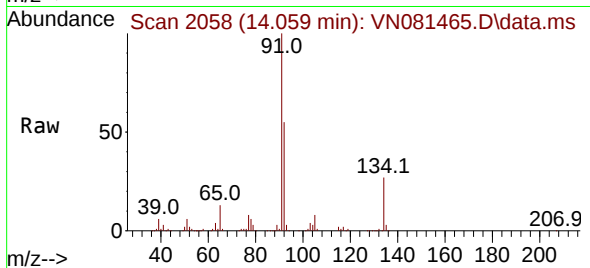
Ion	Ratio	Lower	Upper
146	100		
111	41.1	22.6	67.7
148	65.1	31.9	95.5





#89
n-Butylbenzene
Concen: 18.427 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

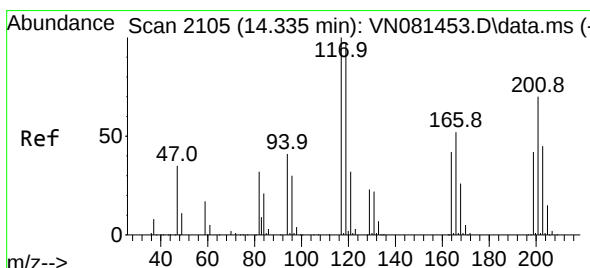
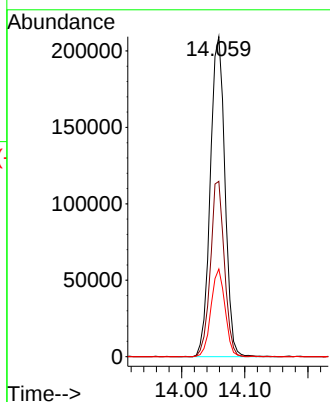
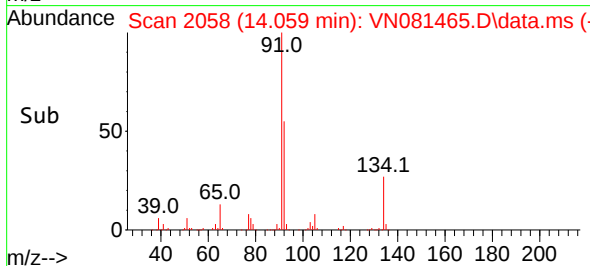
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 91 Resp: 33707
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 26.2 10.8 32.4

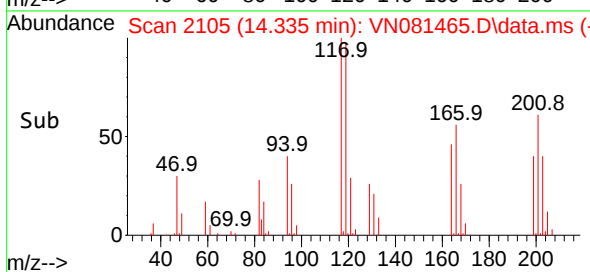
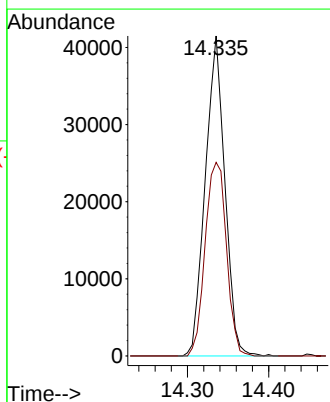
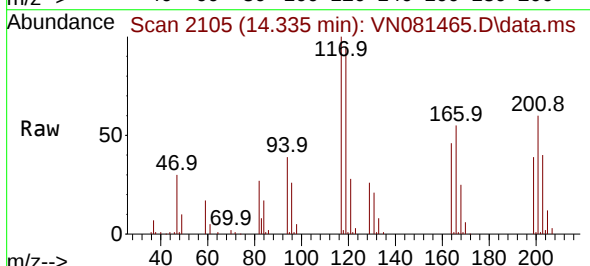
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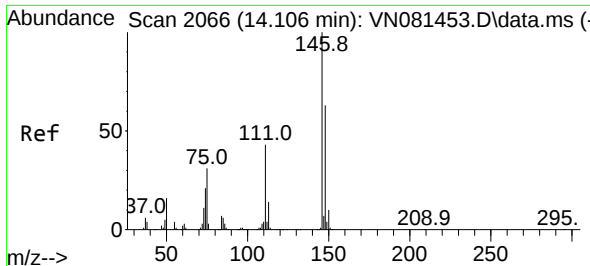
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#90
Hexachloroethane
Concen: 17.791 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

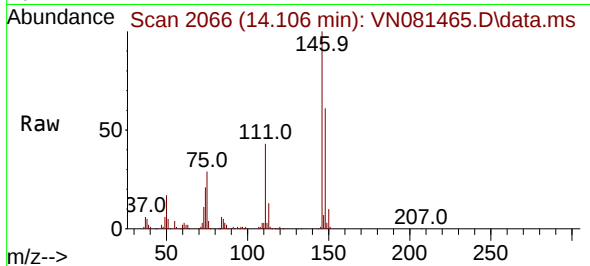
Tgt Ion:117 Resp: 69506
Ion Ratio Lower Upper
117 100
201 65.9 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 18.993 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

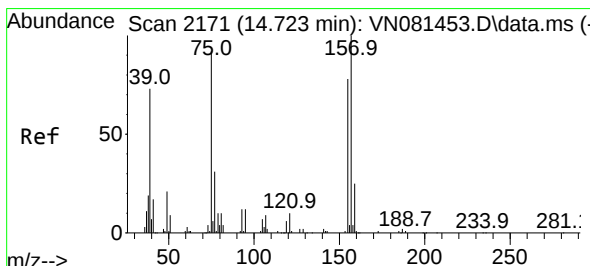
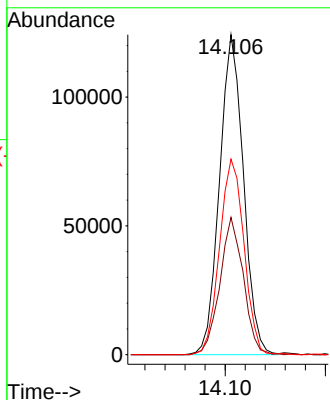
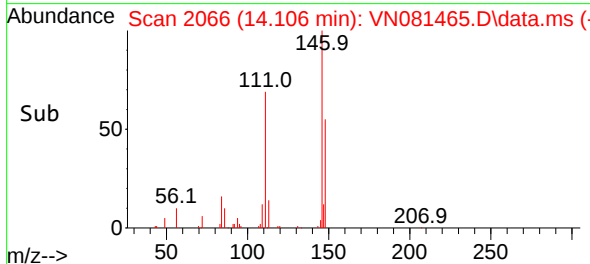
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion:146 Resp: 205640
Ion Ratio Lower Upper
146 100
111 42.1 23.9 71.8
148 62.5 31.4 94.0

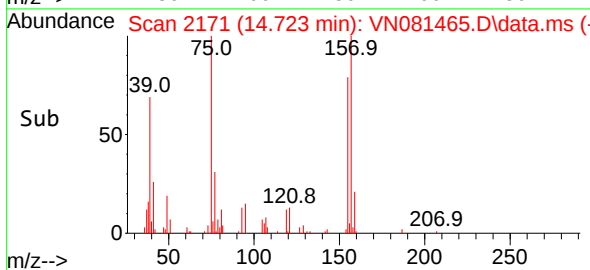
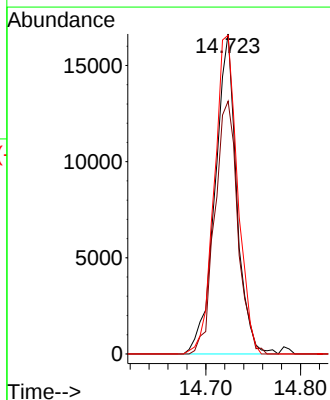
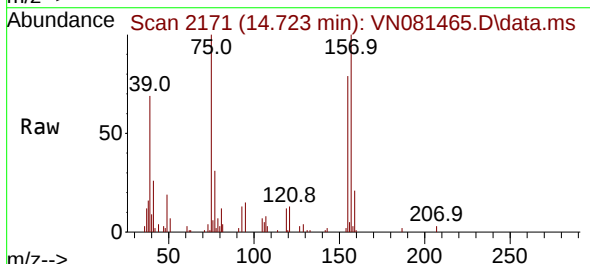
Manual Integrations
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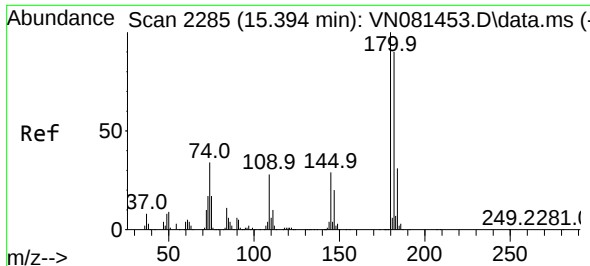
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.046 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

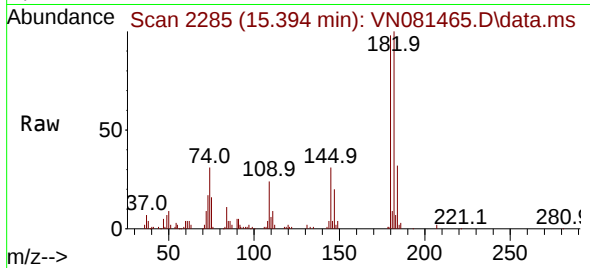
Tgt Ion: 75 Resp: 26436
Ion Ratio Lower Upper
75 100
155 84.1 31.8 95.4
157 106.9 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 18.251 ug/l
RT: 15.394 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

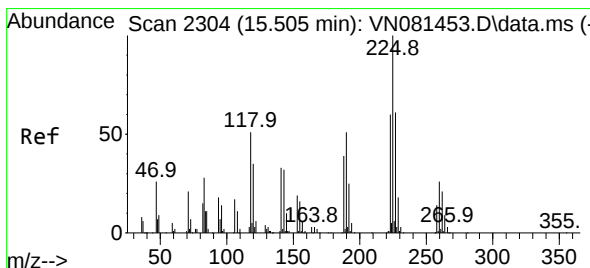
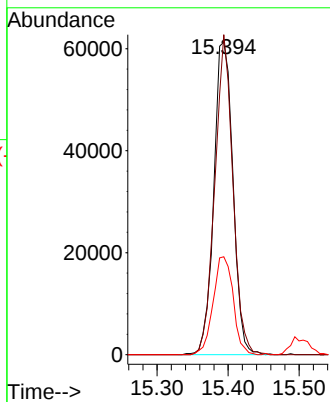
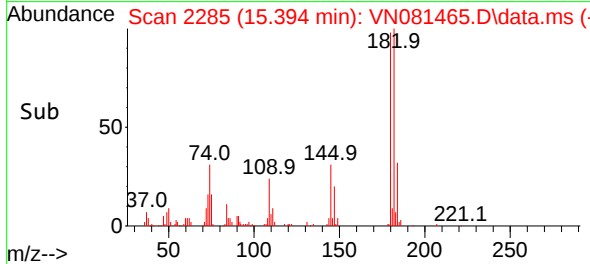
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion:180 Resp: 11425
Ion Ratio Lower Upper
180 100
182 96.4 46.6 139.7
145 32.9 16.8 50.3

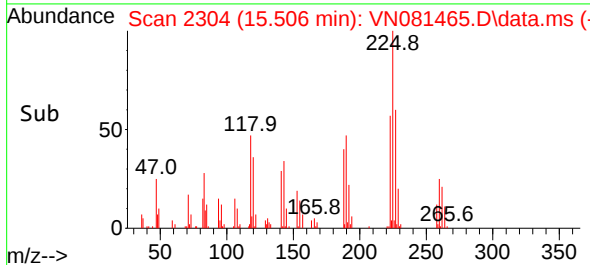
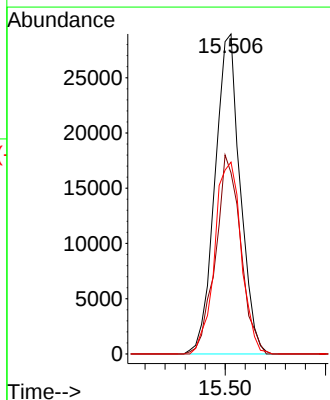
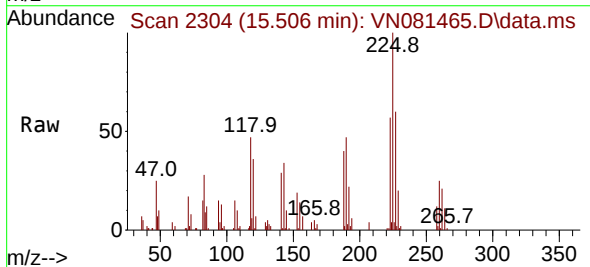
Manual Integrations
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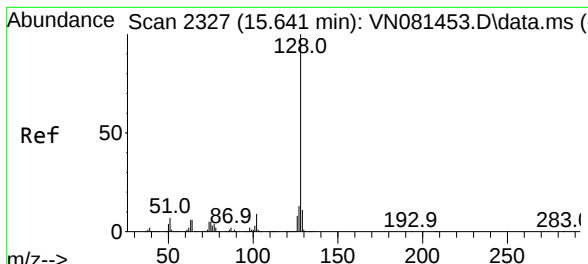
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#94
Hexachlorobutadiene
Concen: 18.390 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion:225 Resp: 50513
Ion Ratio Lower Upper
225 100
223 61.9 33.3 99.8
227 63.2 33.1 99.2





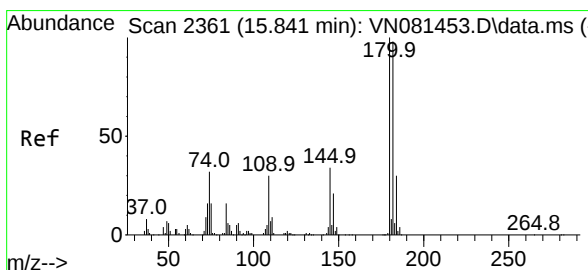
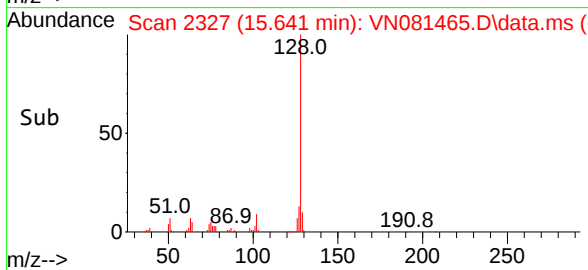
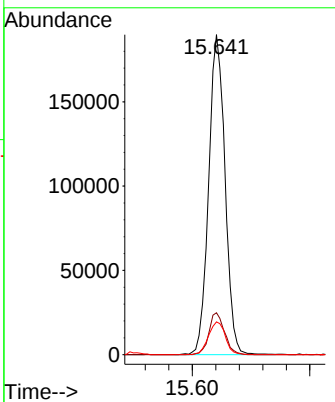
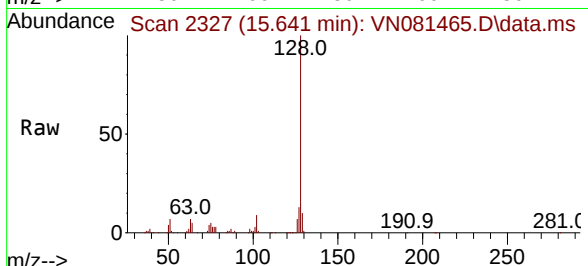
#95
Naphthalene
Concen: 18.088 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Instrument : MSVOA_N
ClientSampleId : VN0319WBSD01

Tgt Ion:	128	Resp:	366924
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.0	15.0
129	10.6	8.7	13.1

Manual Integrations
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Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.263 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081465.D
Acq: 19 Mar 2024 12:59

Tgt Ion:	180	Resp:	115005
Ion Ratio	Lower	Upper	
180	100		
182	95.0	46.5	139.3
145	34.6	17.8	53.4

