

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081891.D
 Acq On : 26 Apr 2024 20:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Mahesh Dadoda 04/29/2024

Quant Time: Apr 26 23:07:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	238882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	450153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	388369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171212	42.466	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.940%		
35) Dibromofluoromethane	8.165	113	124050	45.770	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.540%		
50) Toluene-d8	10.571	98	513011	48.195	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.380%		
62) 4-Bromofluorobenzene	12.847	95	187135	44.473	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	88.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	140008	41.752	ug/l	97
3) Chloromethane	2.359	50	156748	44.807	ug/l	99
4) Vinyl Chloride	2.518	62	140456	44.354	ug/l	100
5) Bromomethane	2.954	94	61357	45.034	ug/l	96
6) Chloroethane	3.124	64	77326	48.314	ug/l	93
7) Trichlorofluoromethane	3.501	101	206387	42.132	ug/l	96
8) Diethyl Ether	3.959	74	95538	45.912	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	143005	50.283	ug/l	96
10) Methyl Iodide	4.589	142	123960	49.764	ug/l	98
11) Tert butyl alcohol	5.512	59	144692	197.417	ug/l	99
12) 1,1-Dichloroethene	4.342	96	134645	46.537	ug/l	90
13) Acrolein	4.177	56	121935	212.154	ug/l	96
14) Allyl chloride	5.024	41	232923	38.059	ug/l	91
15) Acrylonitrile	5.718	53	371580	211.133	ug/l	99
16) Acetone	4.424	43	266271	222.746	ug/l	96
17) Carbon Disulfide	4.712	76	362460	41.680	ug/l	98
18) Methyl Acetate	5.024	43	168590	41.284	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	483014	44.242	ug/l	96
20) Methylene Chloride	5.283	84	154379	44.681	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	134756	42.717	ug/l #	82
22) Diisopropyl ether	6.671	45	521515	44.037	ug/l	96
23) Vinyl Acetate	6.600	43	2103766	218.634	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	276759	44.900	ug/l	99
25) 2-Butanone	7.477	43	469588	205.214	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	222926	39.315	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	166725	45.228	ug/l	88
28) Bromochloromethane	7.812	49	114710	39.156	ug/l	83
29) Tetrahydrofuran	7.836	42	328831	200.390	ug/l	91
30) Chloroform	7.965	83	267203	43.733	ug/l	98
31) Cyclohexane	8.259	56	255719	42.104	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	225960	41.471	ug/l	95
36) 1,1-Dichloropropene	8.371	75	194587	44.131	ug/l	97
37) Ethyl Acetate	7.559	43	208944	43.827	ug/l	99
38) Carbon Tetrachloride	8.365	117	186866	43.361	ug/l	98
39) Methylcyclohexane	9.600	83	236647	44.191	ug/l	92
40) Benzene	8.606	78	616026	46.540	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	121012	39.781	ug/l	91
42) 1,2-Dichloroethane	8.671	62	206472	42.007	ug/l	98
43) Isopropyl Acetate	8.688	43	380686	42.468	ug/l	94
44) Trichloroethene	9.353	130	161275	52.846	ug/l	96
45) 1,2-Dichloropropane	9.624	63	155936	45.014	ug/l	94
46) Dibromomethane	9.706	93	100258	41.873	ug/l	93
47) Bromodichloromethane	9.888	83	211536	41.892	ug/l #	97
48) Methyl methacrylate	9.683	41	181786	42.480	ug/l	87
49) 1,4-Dioxane	9.694	88	58566	900.435	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1069928	212.023	ug/l	95
52) Toluene	10.630	92	370399	46.727	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	238770	43.457	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	251026	44.330	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	137414	44.079	ug/l	96
56) Ethyl methacrylate	10.877	69	257253	43.336	ug/l	88
57) 1,3-Dichloropropane	11.165	76	250795	45.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	621530	229.833	ug/l	92
59) 2-Hexanone	11.194	43	799380	212.858	ug/l	96
60) Dibromochloromethane	11.359	129	149579	45.301	ug/l	97
61) 1,2-Dibromoethane	11.471	107	137761	46.209	ug/l	99
64) Tetrachloroethene	11.106	164	125132	44.362	ug/l	92
65) Chlorobenzene	11.894	112	392113	46.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	125689	45.600	ug/l	96
67) Ethyl Benzene	11.965	91	719811	45.637	ug/l	97
68) m/p-Xylenes	12.071	106	529145	94.053	ug/l	94
69) o-Xylene	12.400	106	260249	47.381	ug/l	93
70) Styrene	12.412	104	439500	46.254	ug/l	95
71) Bromoform	12.582	173	92651	42.756	ug/l #	98
73) Isopropylbenzene	12.694	105	661874	45.076	ug/l	100
74) N-amyl acetate	12.494	43	351556	43.004	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	187869	42.606	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	172987m	40.399	ug/l	
77) Bromobenzene	12.982	156	138759	45.159	ug/l	72
78) n-propylbenzene	13.035	91	790787	44.337	ug/l	98
79) 2-Chlorotoluene	13.129	91	484720	42.715	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	545448	43.898	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	88303	42.257	ug/l #	93
82) 4-Chlorotoluene	13.223	91	476303	43.234	ug/l	94
83) tert-Butylbenzene	13.441	119	462479	44.695	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	545937	43.998	ug/l	98
85) sec-Butylbenzene	13.618	105	666287	45.714	ug/l	98
86) p-Isopropyltoluene	13.729	119	524486	44.816	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	258363	45.064	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	258402	45.769	ug/l	95
89) n-Butylbenzene	14.059	91	491105	45.083	ug/l	96
90) Hexachloroethane	14.335	117	104304	45.306	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	251549	45.768	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39883	37.152	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	134904	43.874	ug/l	97
94) Hexachlorobutadiene	15.500	225	50030	44.144	ug/l	98
95) Naphthalene	15.641	128	518120	44.593	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	138942	47.064	ug/l	98

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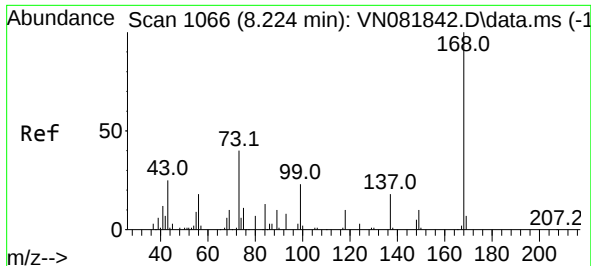
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

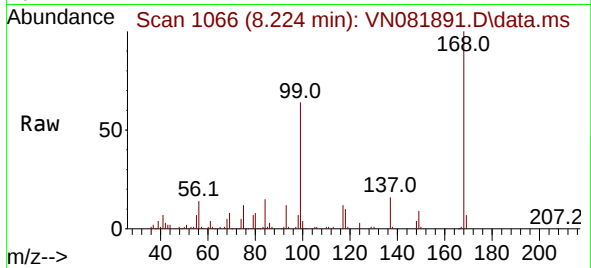
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081891.D
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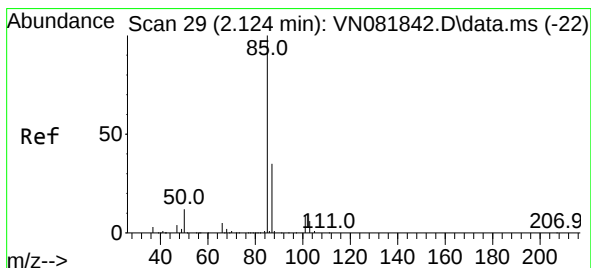
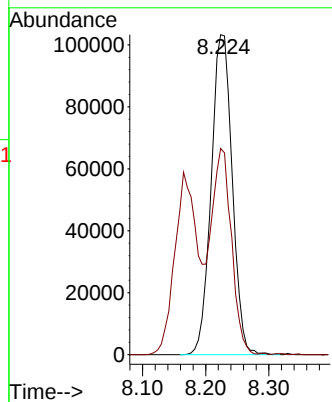
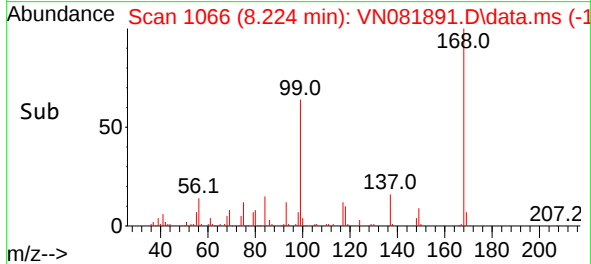
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 23888
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4

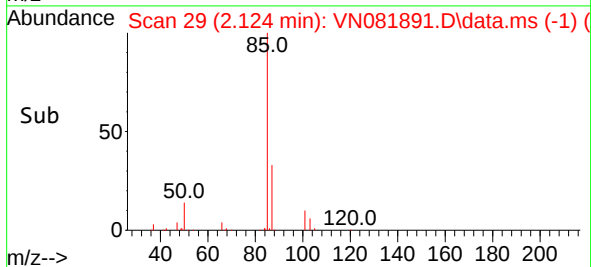
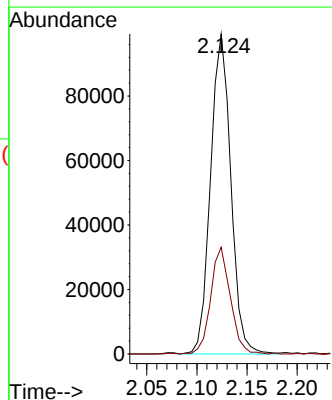
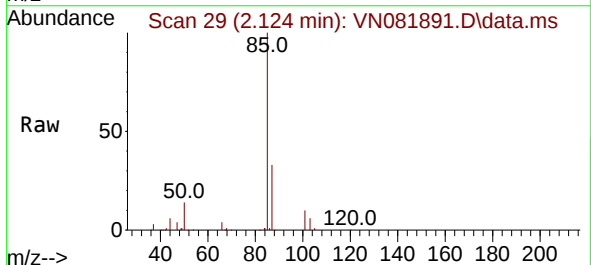
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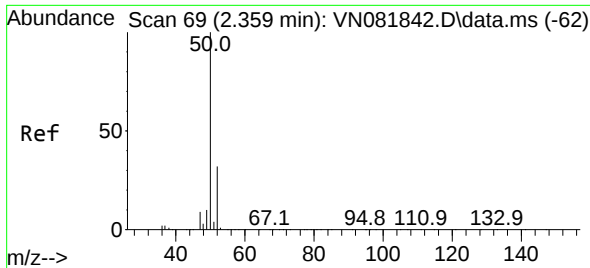
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#2
Dichlorodifluoromethane
Concen: 41.752 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

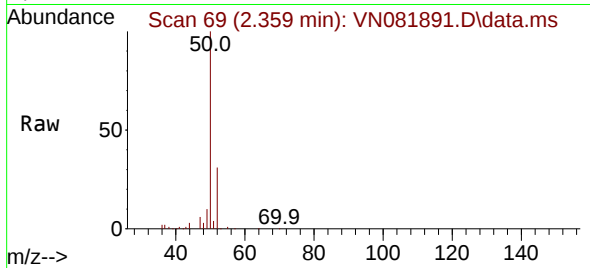
Tgt Ion: 85 Resp: 140008
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 44.807 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

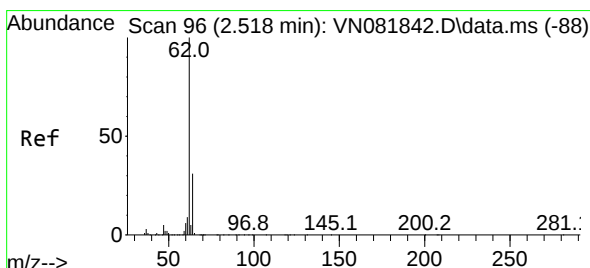
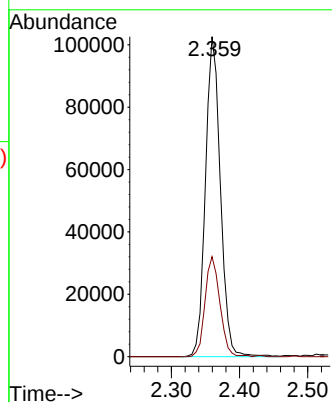
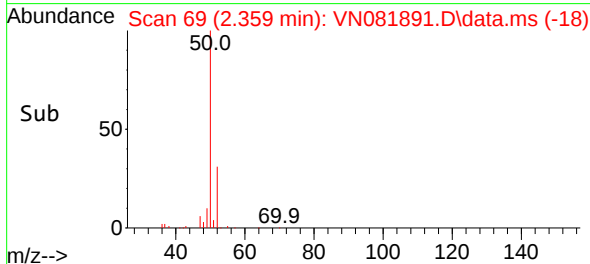
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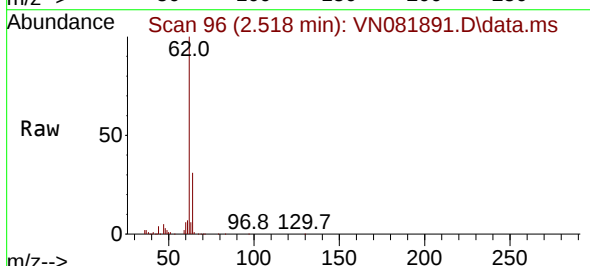
Tgt Ion: 50 Resp: 156748
Ion Ratio Lower Upper
50 100
52 31.3 25.5 38.3

Manual Integrations
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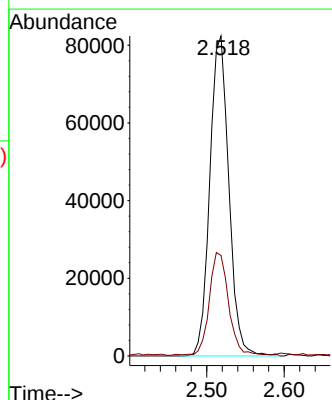
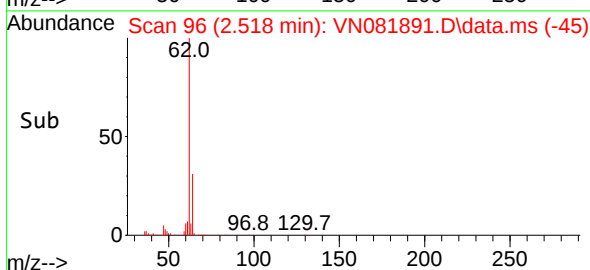
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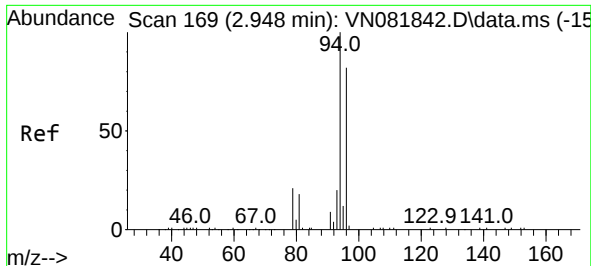


#4
Vinyl Chloride
Concen: 44.354 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



Tgt Ion: 62 Resp: 140456
Ion Ratio Lower Upper
62 100
64 31.0 24.6 37.0





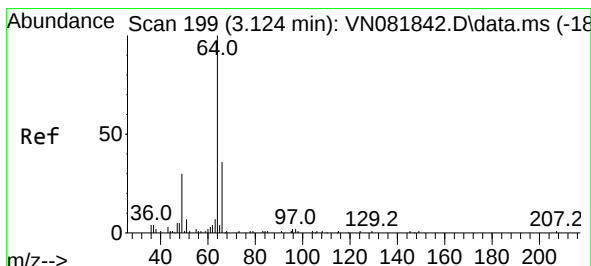
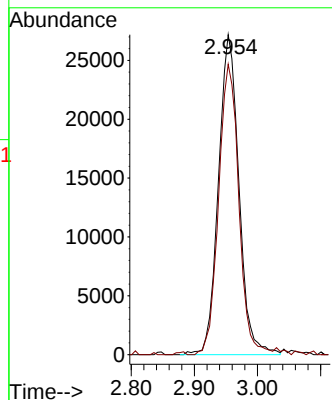
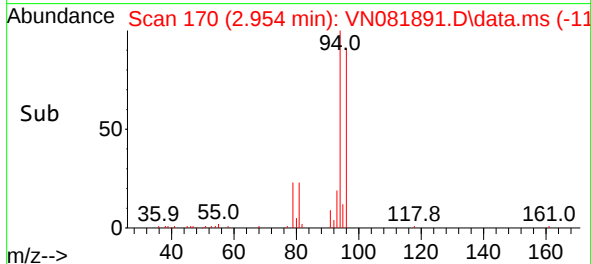
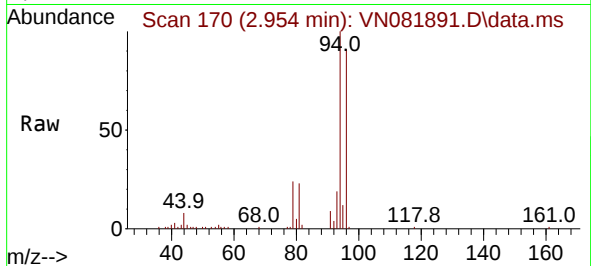
#5
Bromomethane
Concen: 45.034 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081891.D
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Instrument :
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Tgt Ion: 94 Resp: 6135
Ion Ratio Lower Upper
94 100
96 90.1 74.8 112.2

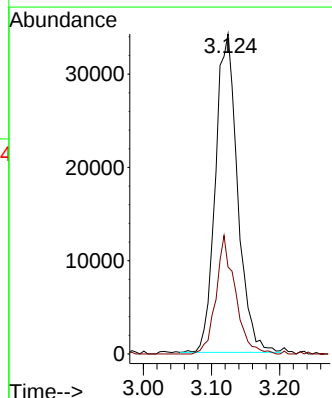
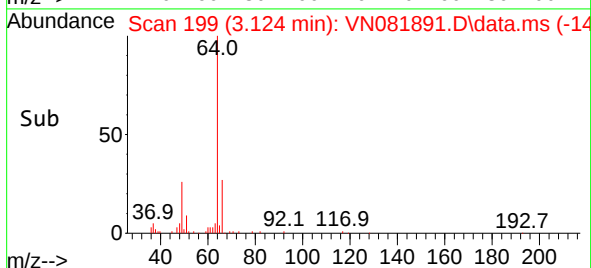
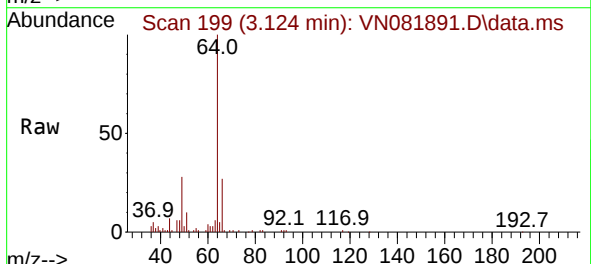
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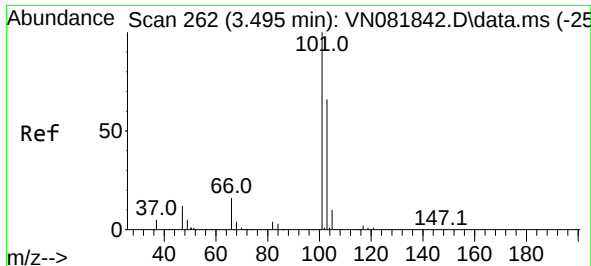
Reviewed By :John Carlone 04/29/2024
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#6
Chloroethane
Concen: 48.314 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
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Acq: 26 Apr 2024 20:30

Tgt Ion: 64 Resp: 77326
Ion Ratio Lower Upper
64 100
66 27.3 24.7 37.1





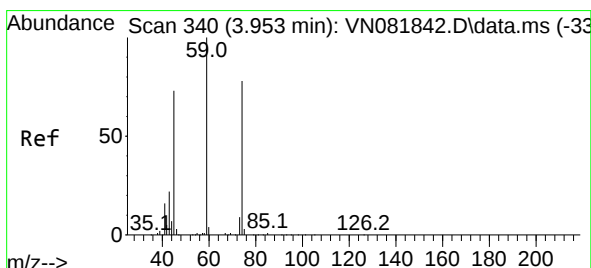
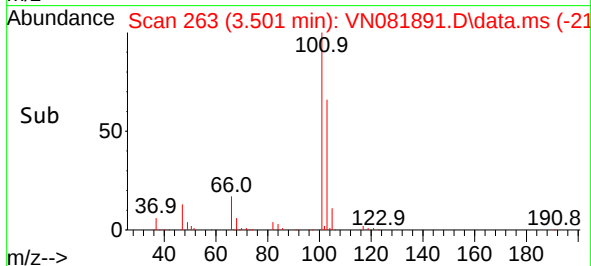
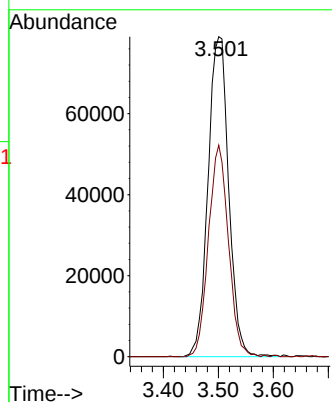
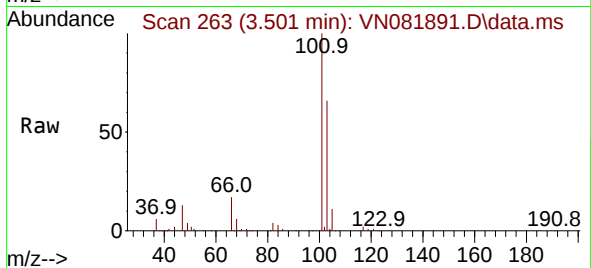
#7
Trichlorofluoromethane
Concen: 42.132 ug/l
RT: 3.501 min Scan# 20638
Delta R.T. 0.006 min
Lab File: VN081891.D
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Instrument :
MSVOA_N
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VSTDCCC050EC

Tgt Ion:101 Resp: 20638
Ion Ratio Lower Upper
101 100
103 66.1 50.6 75.8

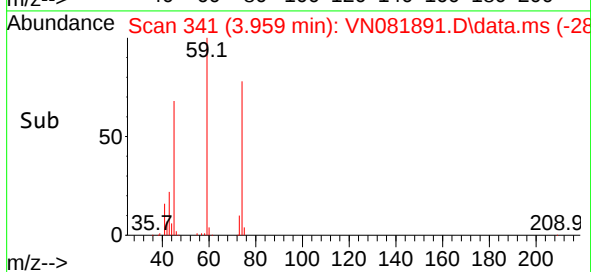
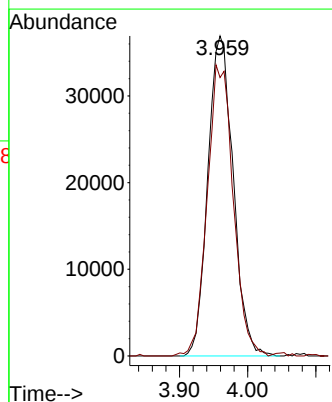
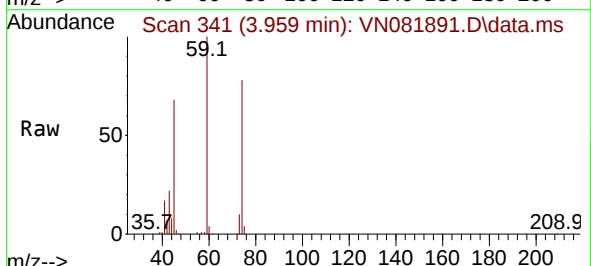
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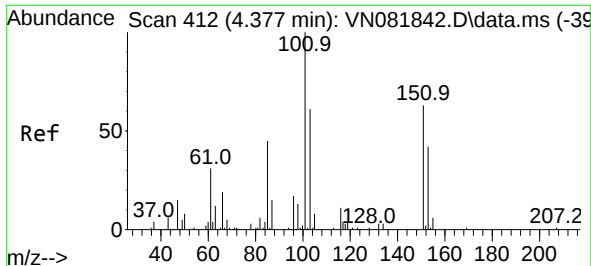
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#8
Diethyl Ether
Concen: 45.912 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Tgt Ion: 74 Resp: 95538
Ion Ratio Lower Upper
74 100
45 93.3 42.4 127.3





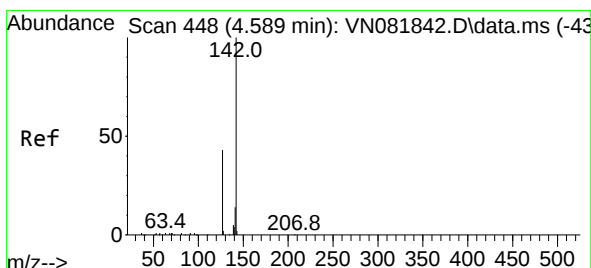
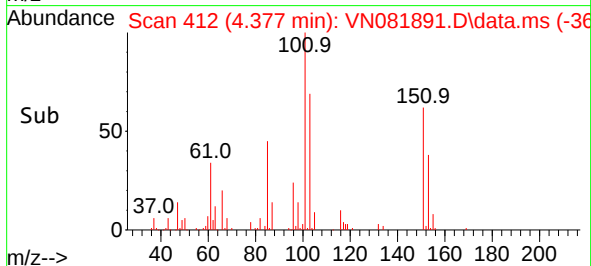
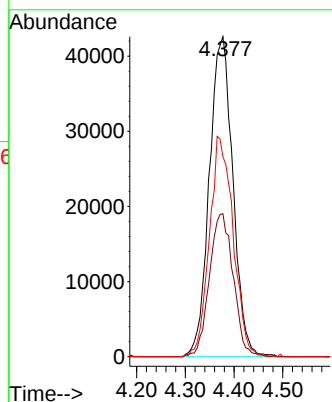
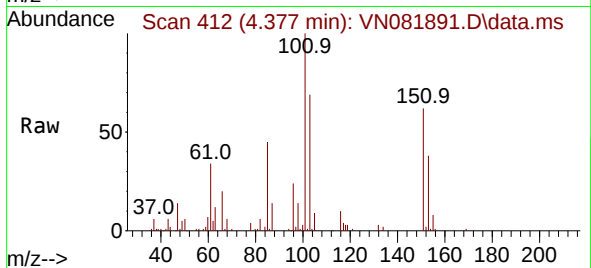
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.283 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 143000
Ion Ratio Lower Upper
101 100
85 45.2 37.3 55.9
151 69.1 59.2 88.8

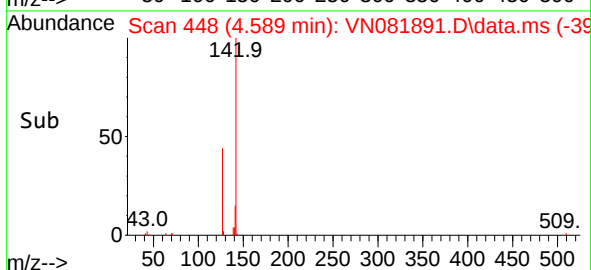
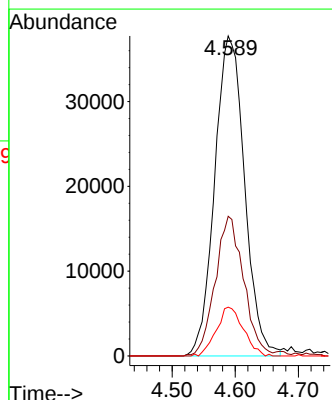
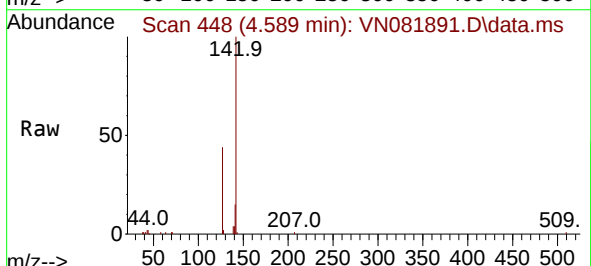
Manual Integrations
APPROVED

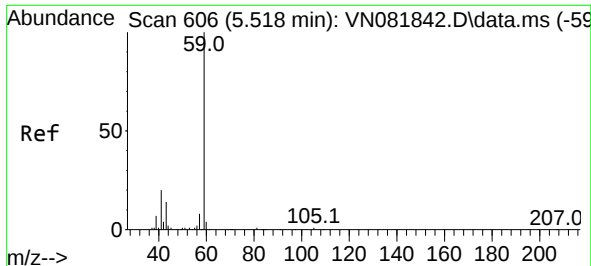
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#10
Methyl Iodide
Concen: 49.764 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

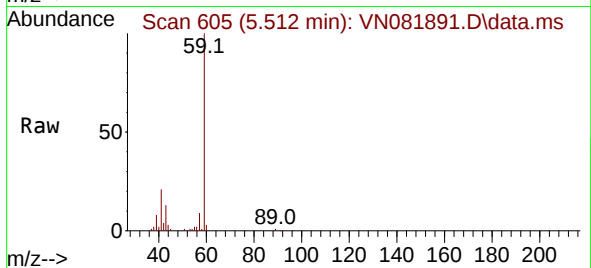
Tgt Ion:142 Resp: 123960
Ion Ratio Lower Upper
142 100
127 43.6 35.8 53.6
141 15.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 197.417 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

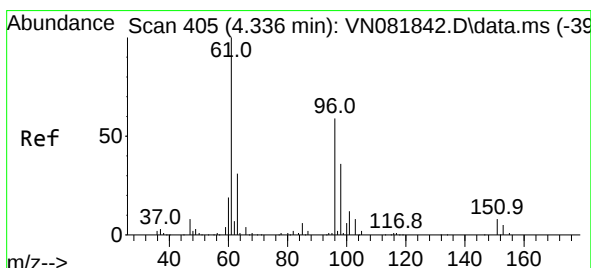
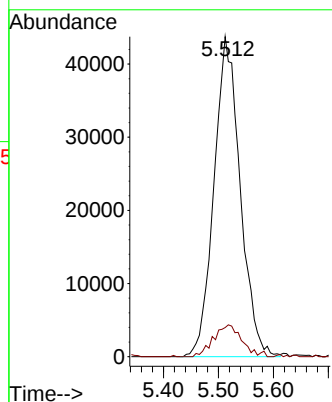
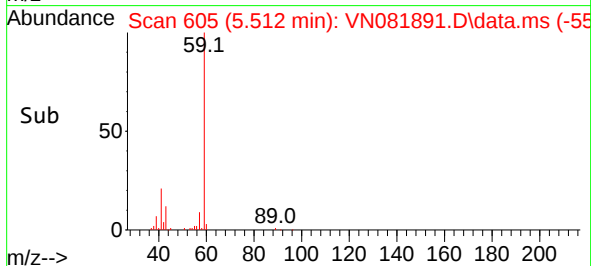
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



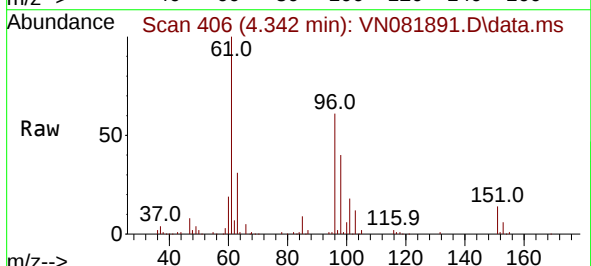
Tgt Ion: 59 Resp: 144692
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3

Manual Integrations
APPROVED

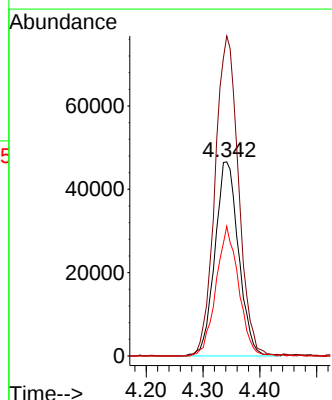
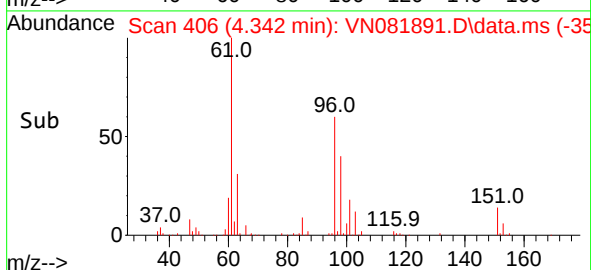
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

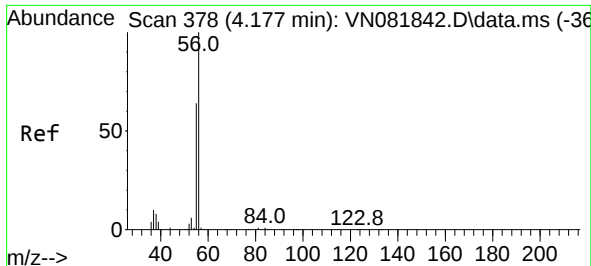


#12
1,1-Dichloroethene
Concen: 46.537 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



Tgt Ion: 96 Resp: 134645
Ion Ratio Lower Upper
96 100
61 164.9 119.7 179.5
98 66.8 49.6 74.4





#13

Acrolein

Concen: 212.154 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 12193

Ion Ratio Lower Upper

56 100

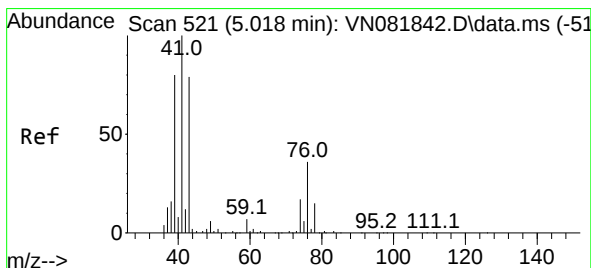
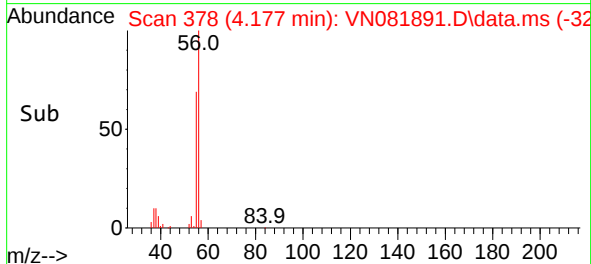
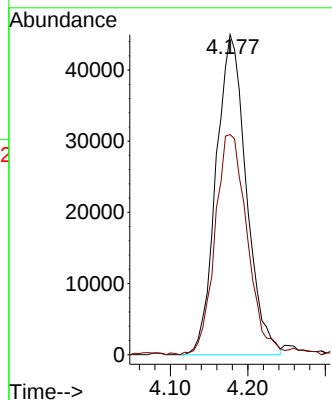
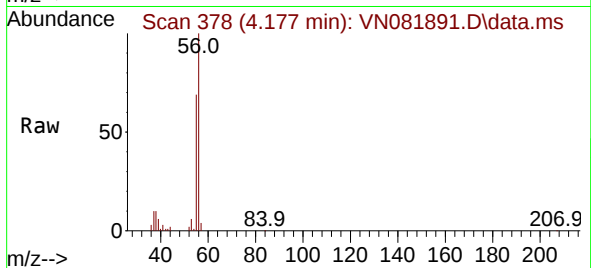
55 73.2 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#14

Allyl chloride

Concen: 38.059 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

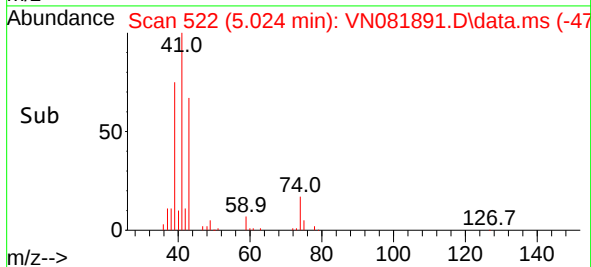
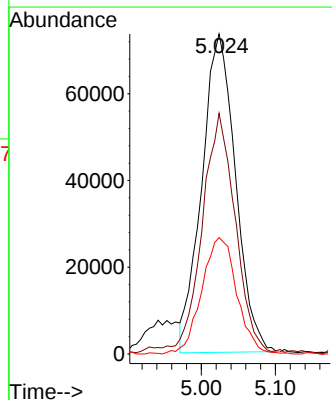
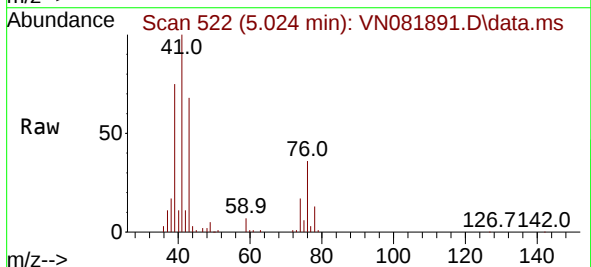
Tgt Ion: 41 Resp: 232923

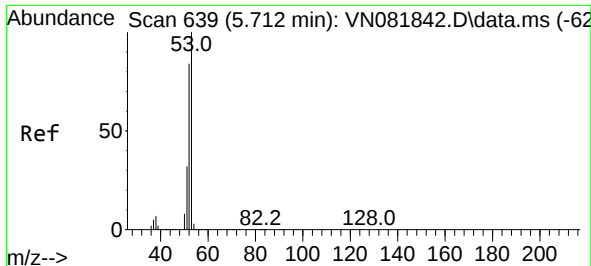
Ion Ratio Lower Upper

41 100

39 75.7 65.4 98.0

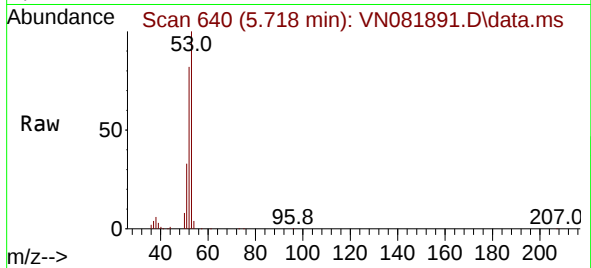
76 38.0 37.3 55.9





#15
Acrylonitrile
Concen: 211.133 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

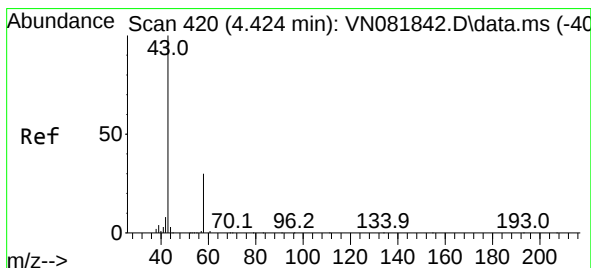
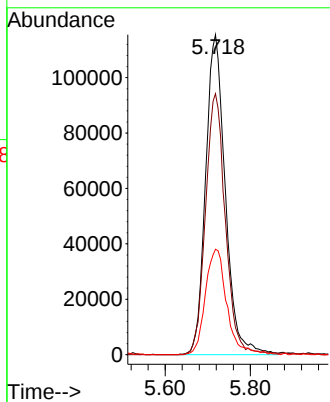
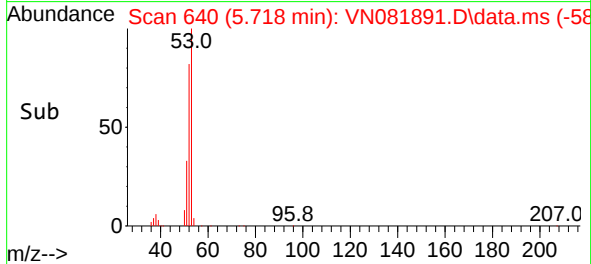
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



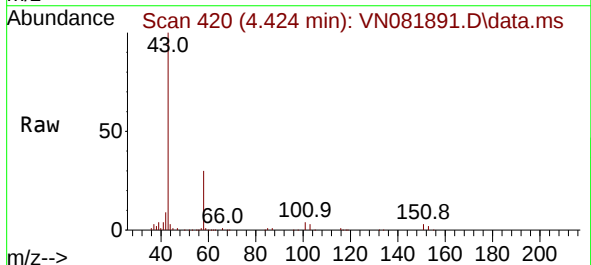
Tgt Ion: 53 Resp: 371580
Ion Ratio Lower Upper
53 100
52 82.2 66.1 99.1
51 35.9 29.4 44.2

Manual Integrations
APPROVED

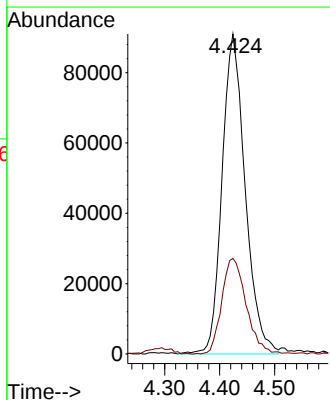
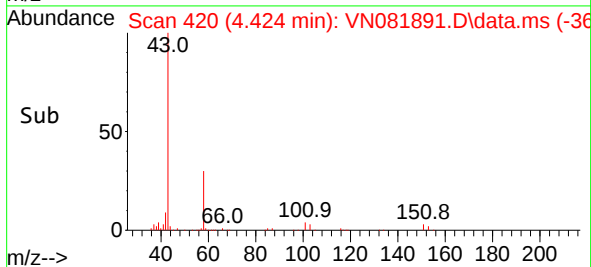
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

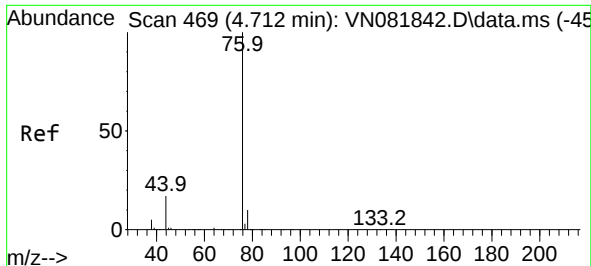


#16
Acetone
Concen: 222.746 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



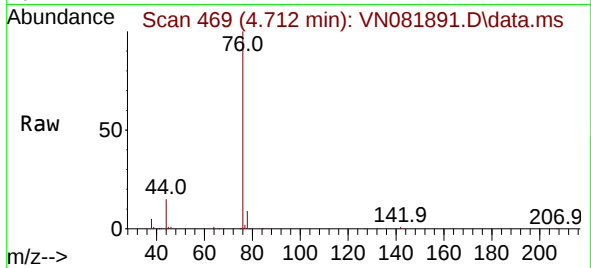
Tgt Ion: 43 Resp: 266271
Ion Ratio Lower Upper
43 100
58 29.2 25.2 37.8





#17
Carbon Disulfide
Concen: 41.680 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

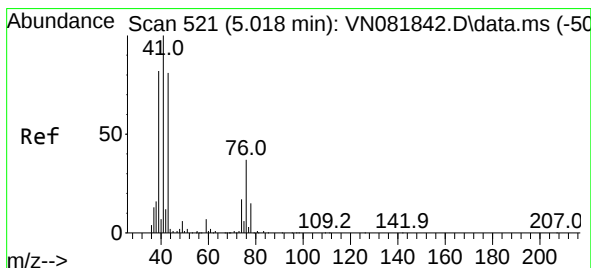
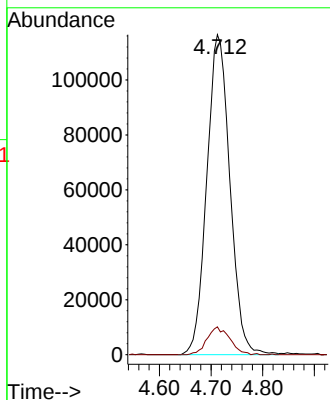
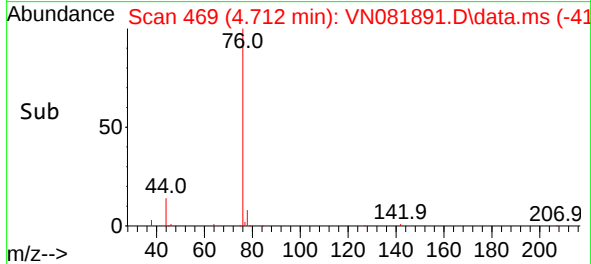
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 362460
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

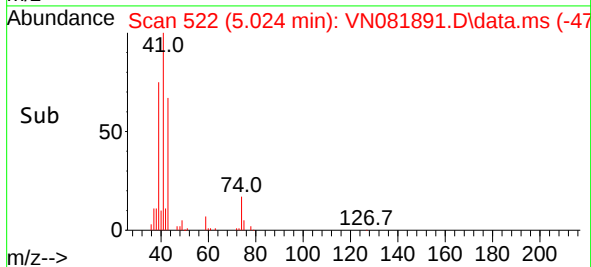
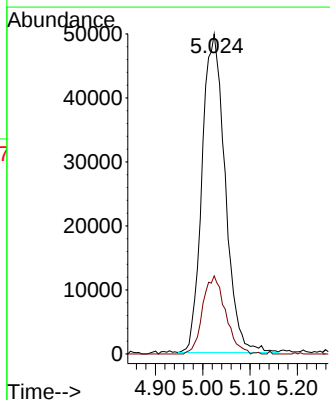
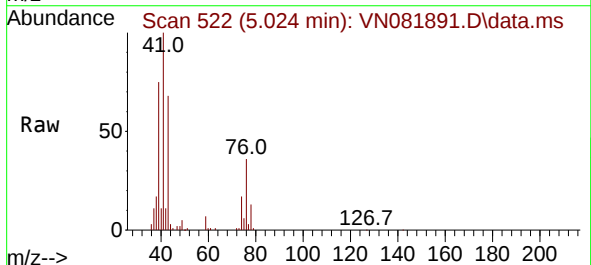
Manual Integrations
APPROVED

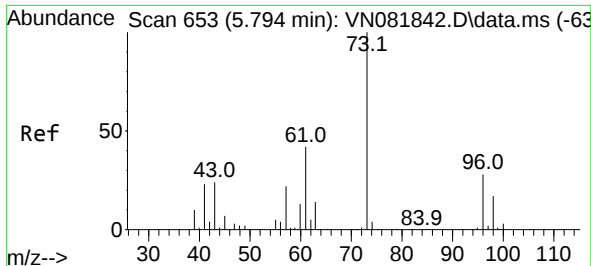
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#18
Methyl Acetate
Concen: 41.284 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

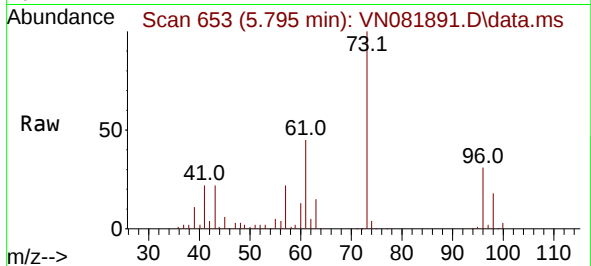
Tgt Ion: 43 Resp: 168590
Ion Ratio Lower Upper
43 100
74 24.2 22.2 33.2





#19
Methyl tert-butyl Ether
Concen: 44.242 ug/l
RT: 5.795 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

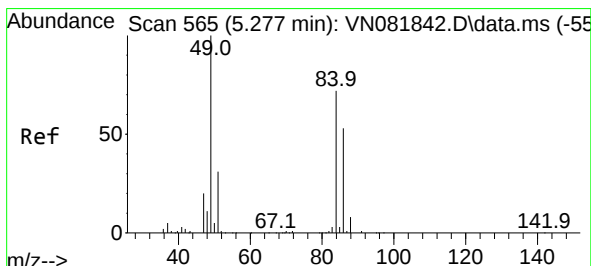
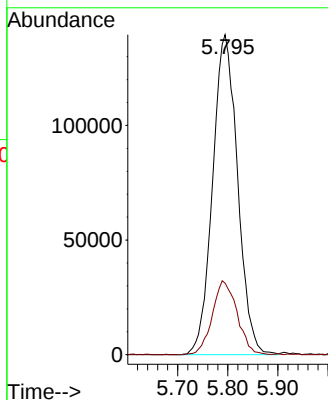
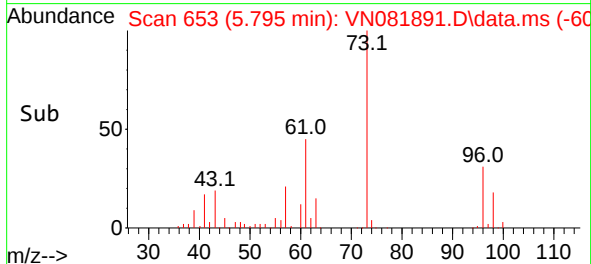
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



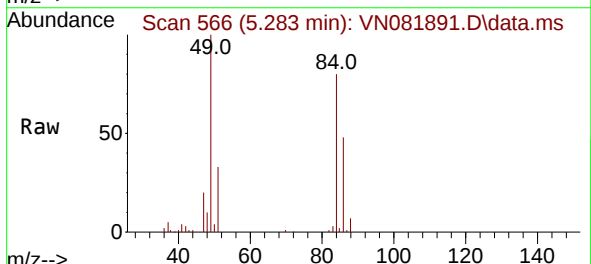
Tgt Ion: 73 Resp: 483014
Ion Ratio Lower Upper
73 100
57 22.3 16.5 24.7

Manual Integrations
APPROVED

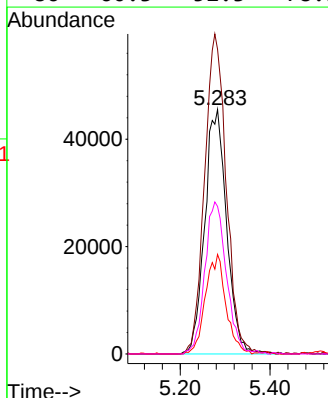
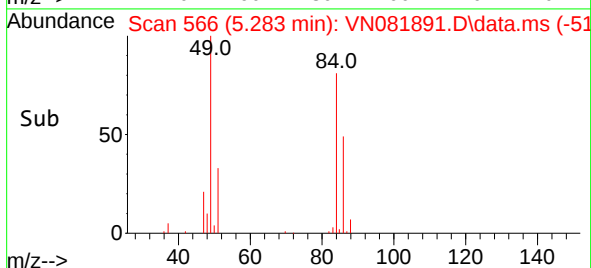
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

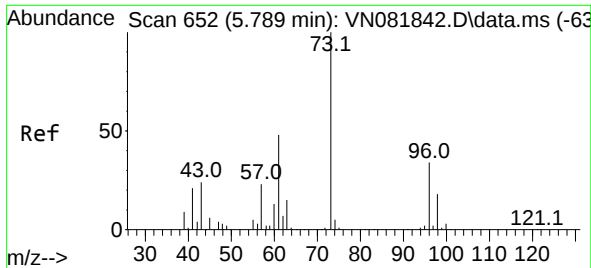


#20
Methylene Chloride
Concen: 44.681 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



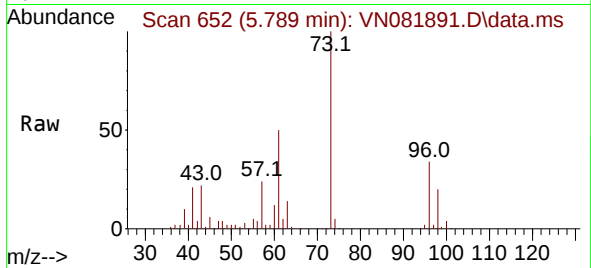
Tgt Ion: 84 Resp: 154379
Ion Ratio Lower Upper
84 100
49 124.6 84.9 127.3
51 40.7 27.0 40.6#
86 60.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 42.717 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

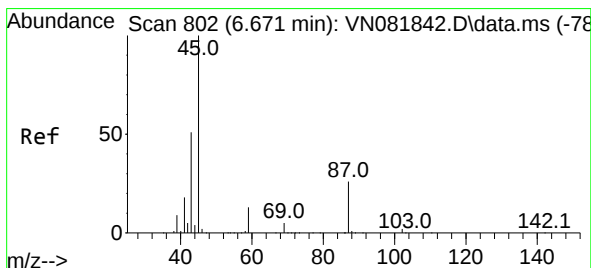
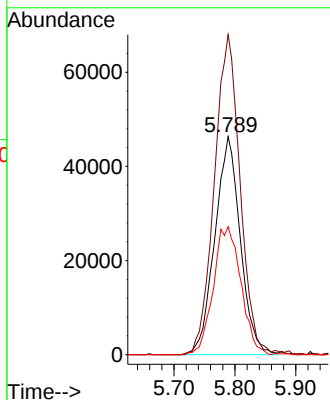
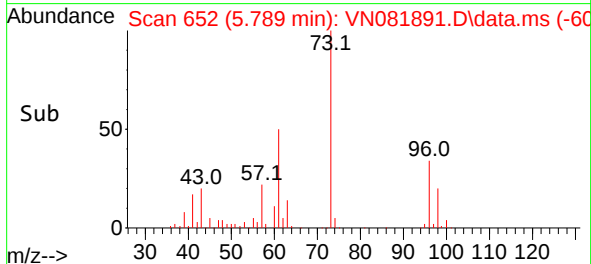
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 134750
Ion Ratio Lower Upper
96 100
61 146.8 96.5 144.7
98 58.7 51.3 76.9

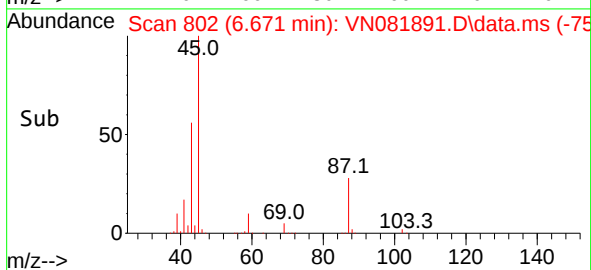
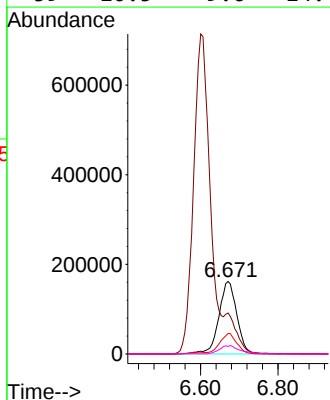
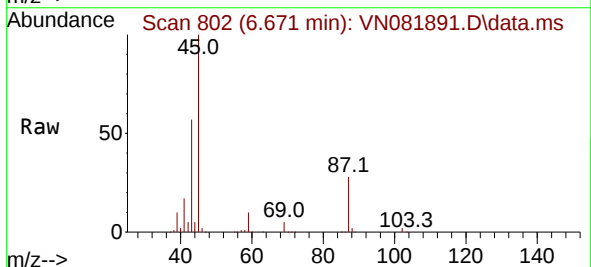
Manual Integrations
APPROVED

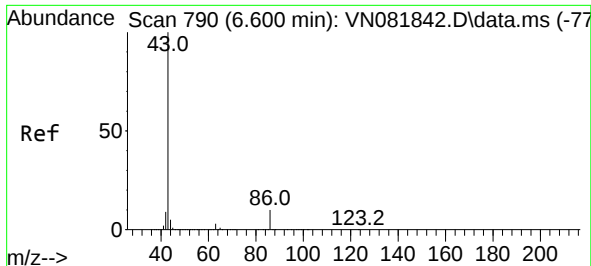
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#22
Diisopropyl ether
Concen: 44.037 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

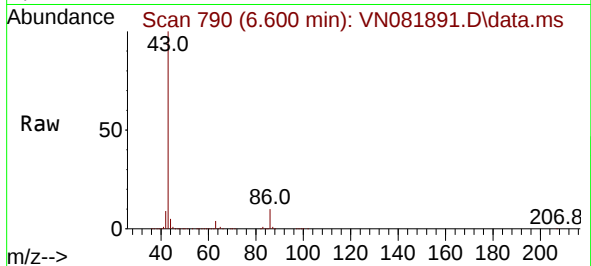
Tgt Ion: 45 Resp: 521515
Ion Ratio Lower Upper
45 100
43 55.8 44.1 66.1
87 28.2 27.0 40.6
59 10.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 218.634 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081891.D
 Acq: 26 Apr 2024 20:30

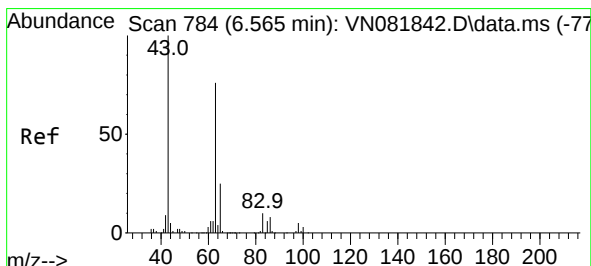
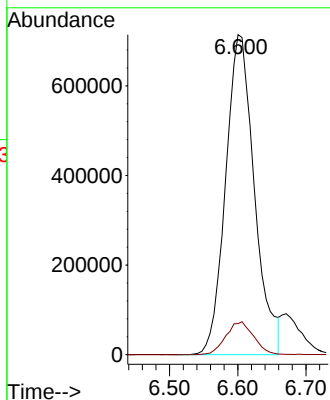
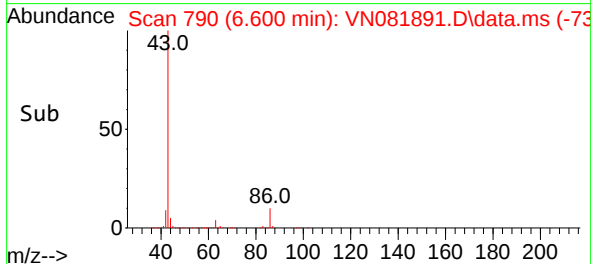
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



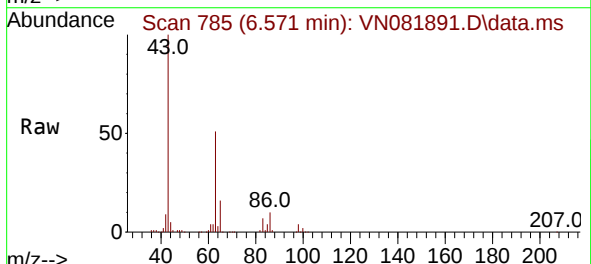
Tgt Ion: 43 Resp: 210376
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.2 15.4

Manual Integrations
 APPROVED

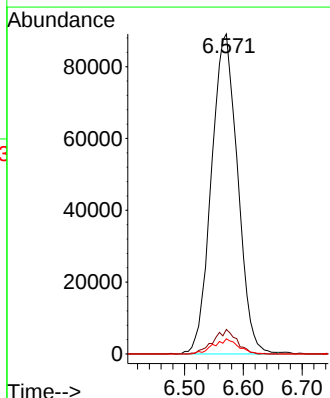
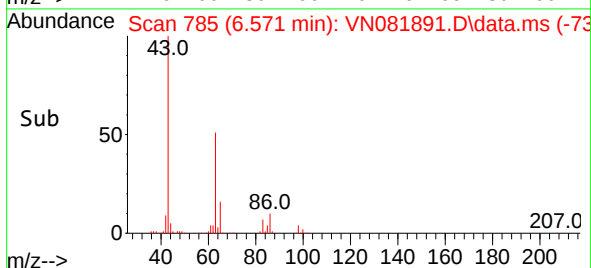
Reviewed By :John Carlone 04/29/2024
 Supervised By :Mahesh Dadoda 04/29/2024

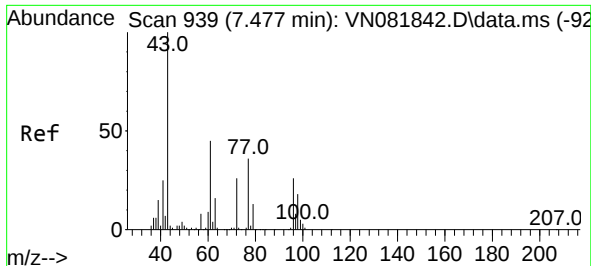


#24
 1,1-Dichloroethane
 Concen: 44.900 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081891.D
 Acq: 26 Apr 2024 20:30



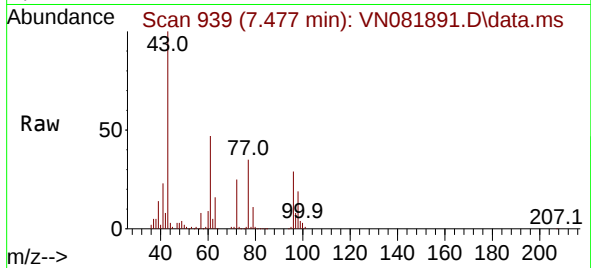
Tgt Ion: 63 Resp: 276759
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.7 2.6 7.8





#25
2-Butanone
Concen: 205.214 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

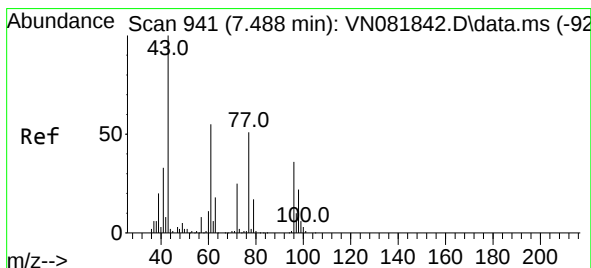
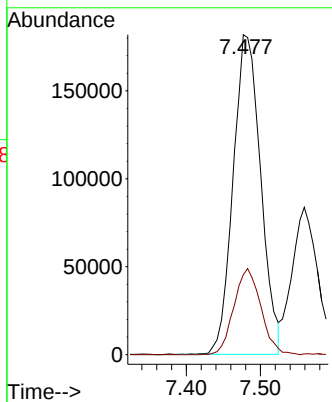
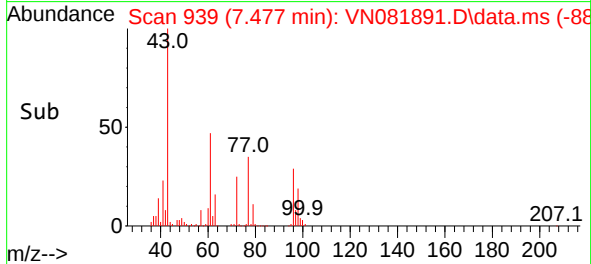
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 46958
Ion Ratio Lower Upper
43 100
72 25.2 25.3 37.9

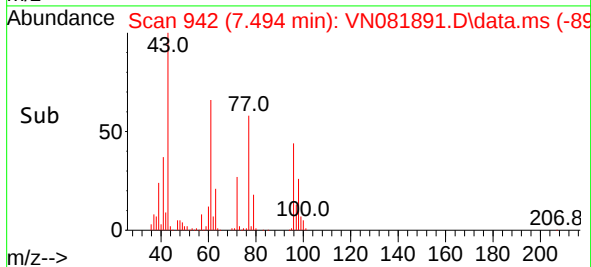
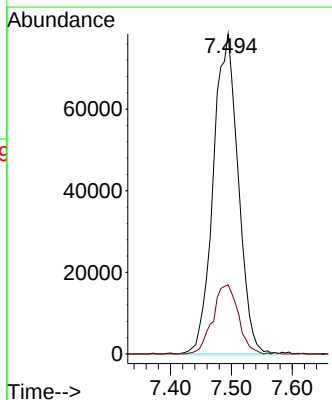
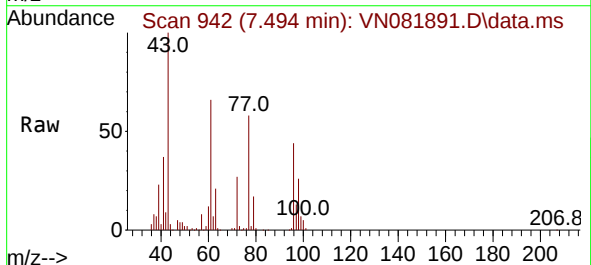
Manual Integrations
APPROVED

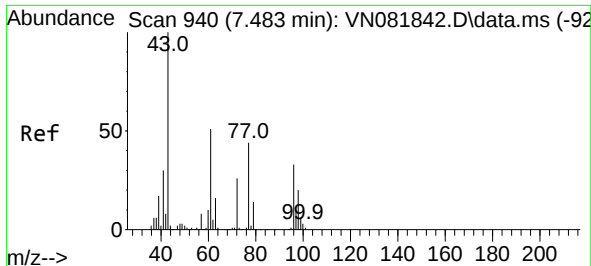
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#26
2,2-Dichloropropane
Concen: 39.315 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

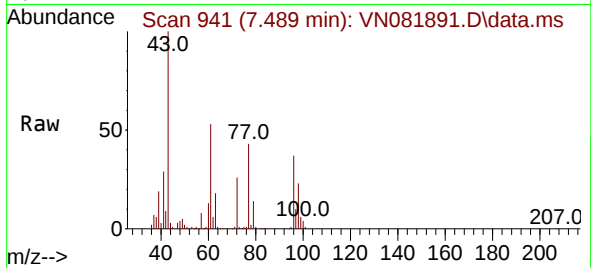
Tgt Ion: 77 Resp: 222926
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 45.228 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

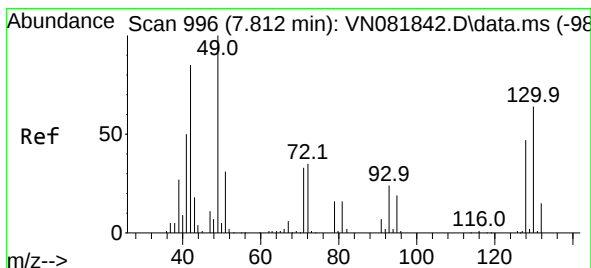
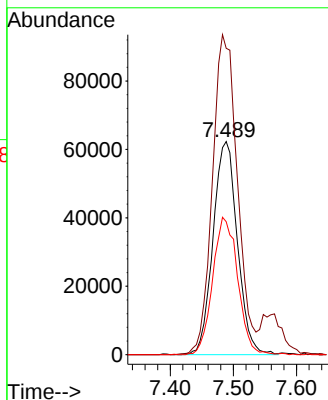
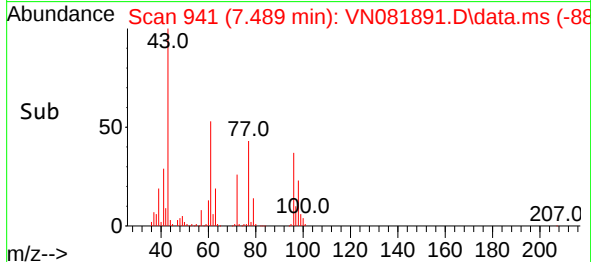
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 166725
Ion Ratio Lower Upper
96 100
61 153.7 0.0 268.0
98 66.1 0.0 126.8

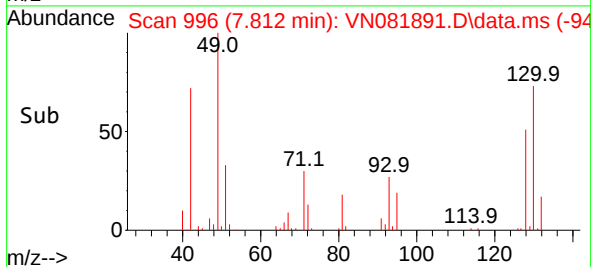
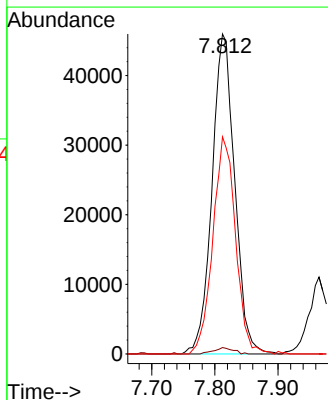
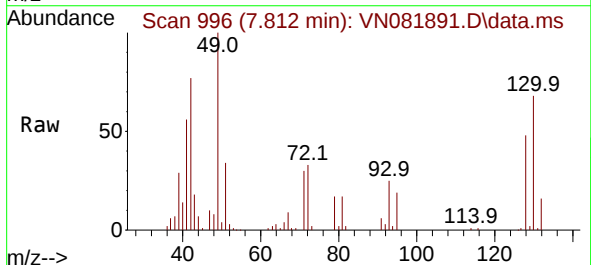
Manual Integrations
APPROVED

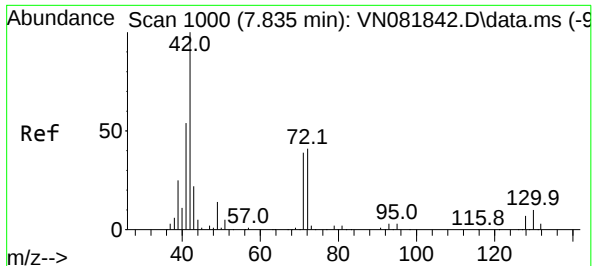
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#28
Bromochloromethane
Concen: 39.156 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Tgt Ion: 49 Resp: 114710
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 67.9 66.7 100.1





#29

Tetrahydrofuran

Concen: 200.390 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

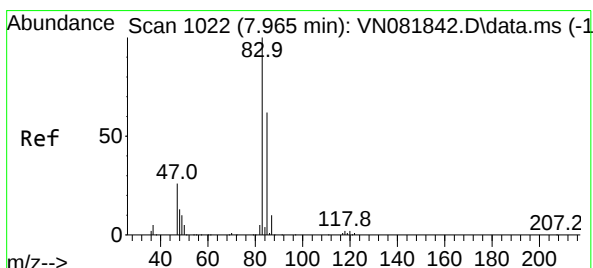
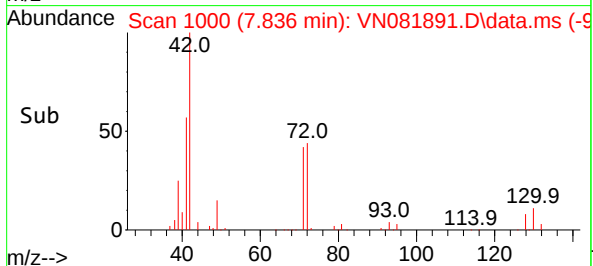
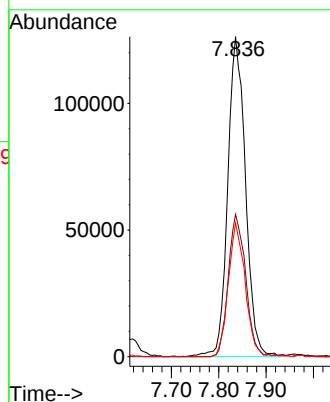
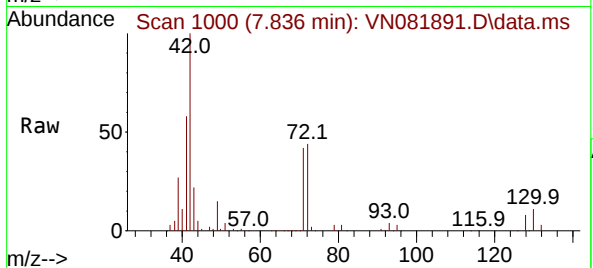
Tgt Ion:	42	Resp:	32883
Ion	Ratio	Lower	Upper
42	100		
72	43.5	39.3	58.9
71	39.9	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#30

Chloroform

Concen: 43.733 ug/l

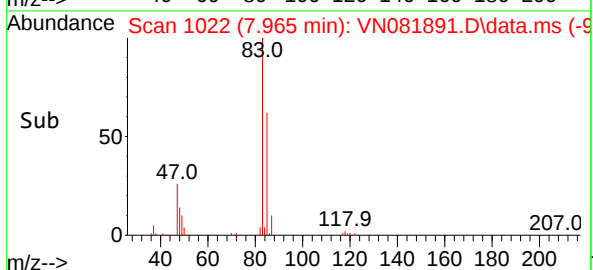
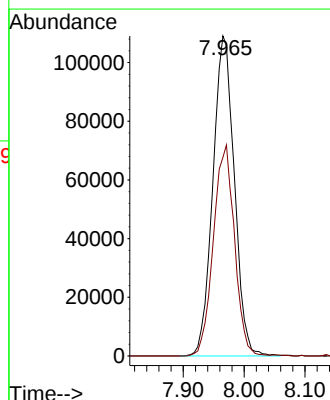
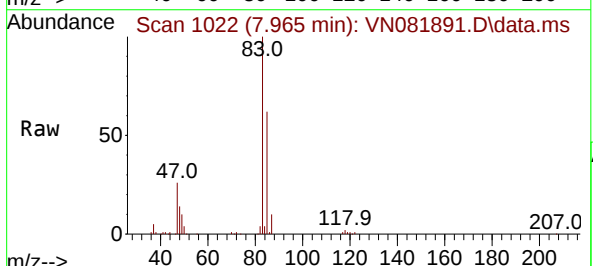
RT: 7.965 min Scan# 1022

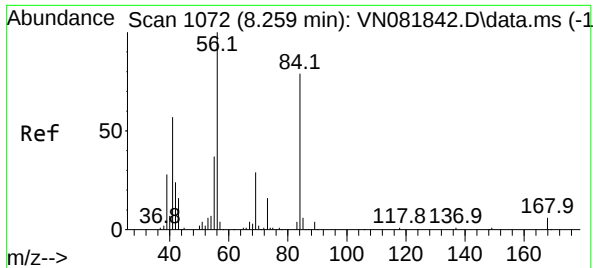
Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

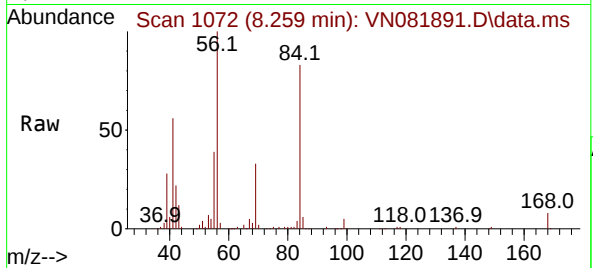
Tgt Ion:	83	Resp:	267203
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.7	76.1





#31
Cyclohexane
Concen: 42.104 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

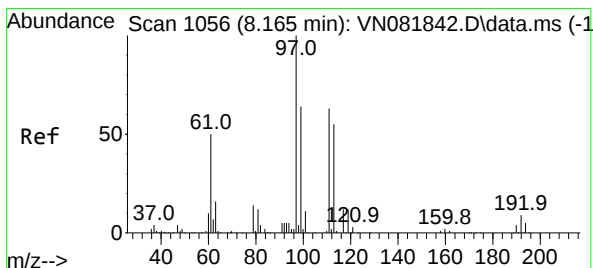
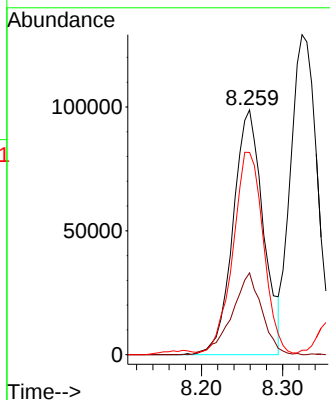
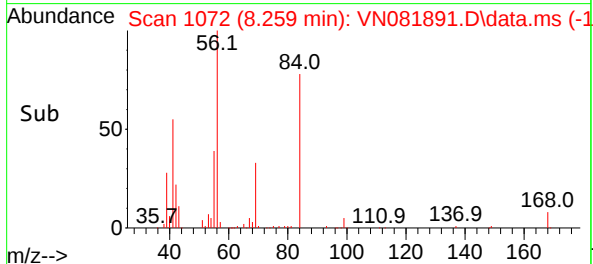
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



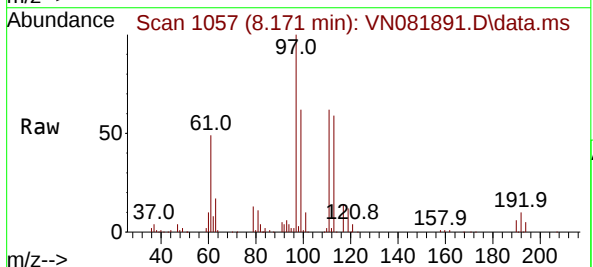
Tgt Ion: 56 Resp: 255719
Ion Ratio Lower Upper
56 100
69 33.4 24.4 36.6
84 81.2 77.0 115.4

Manual Integrations
APPROVED

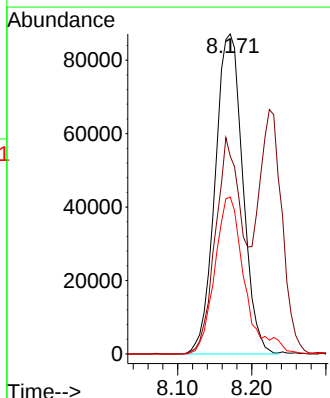
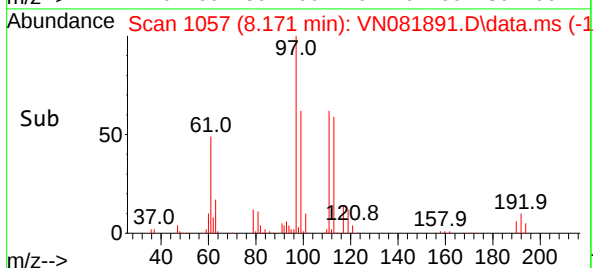
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

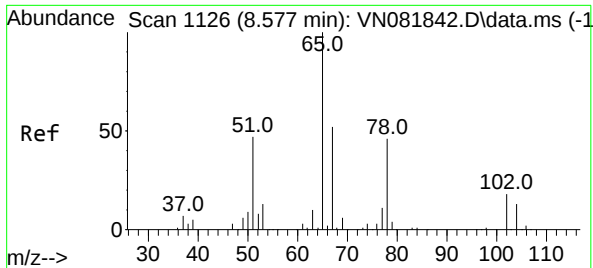


#32
1,1,1-Trichloroethane
Concen: 41.471 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



Tgt Ion: 97 Resp: 225960
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 52.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 42.466 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 17121

Ion Ratio Lower Upper

65 100

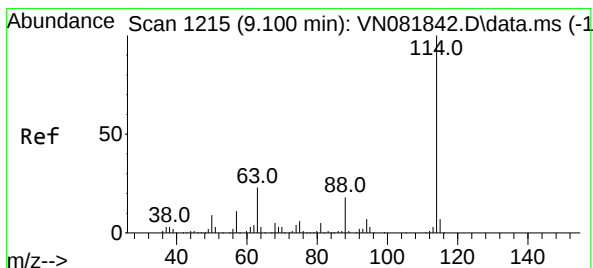
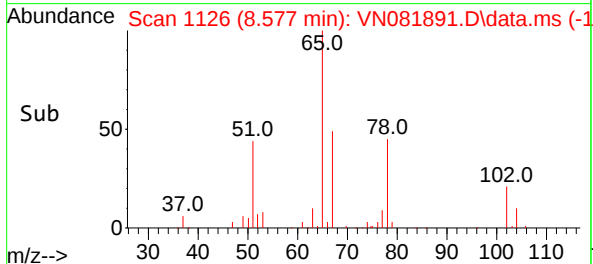
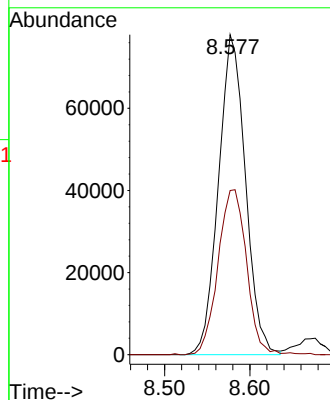
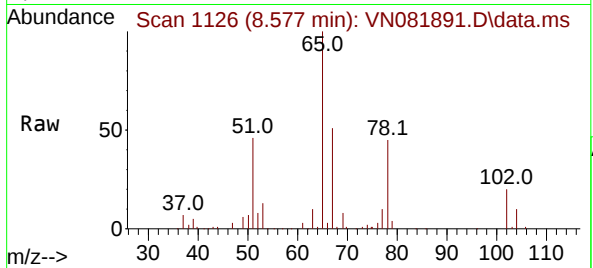
67 54.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

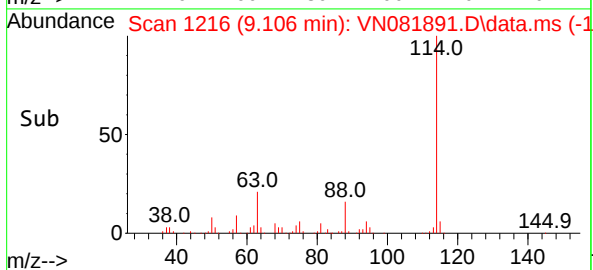
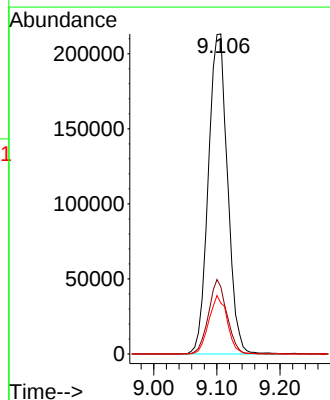
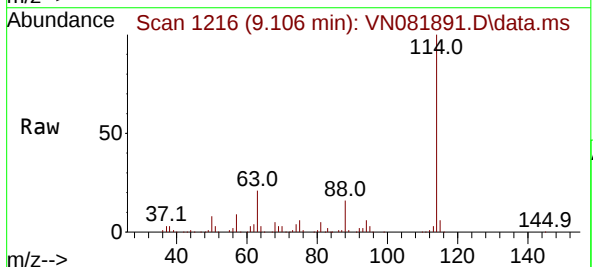
Tgt Ion:114 Resp: 450153

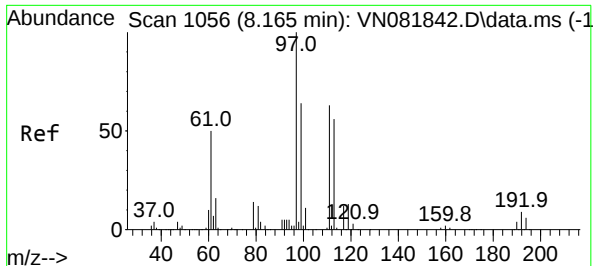
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.0

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.770 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 124050

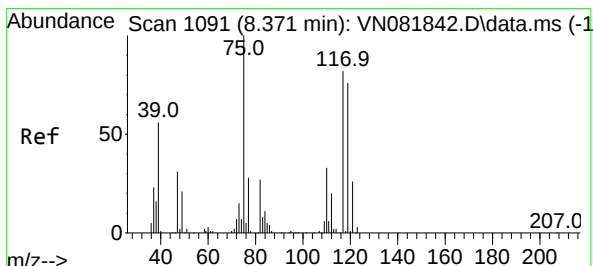
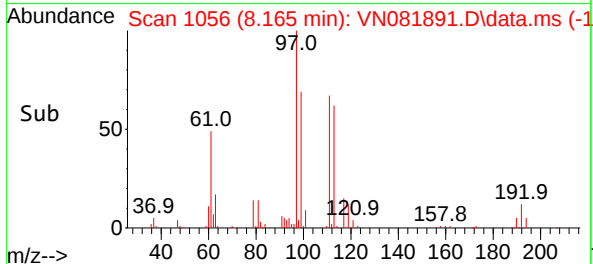
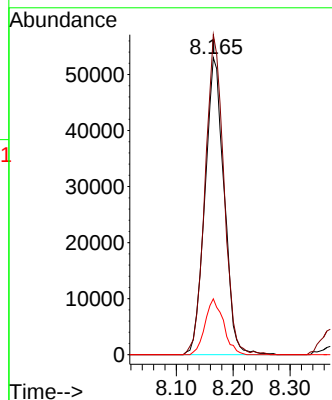
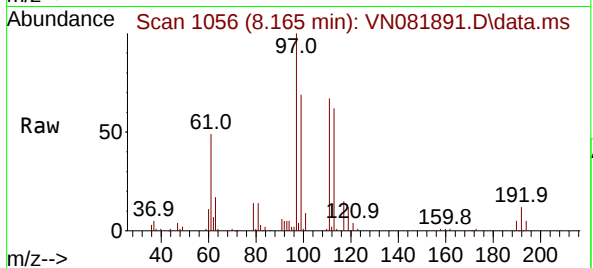
Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.4	125.2
192	18.1	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#36

1,1-Dichloropropene

Concen: 44.131 ug/l

RT: 8.371 min Scan# 1091

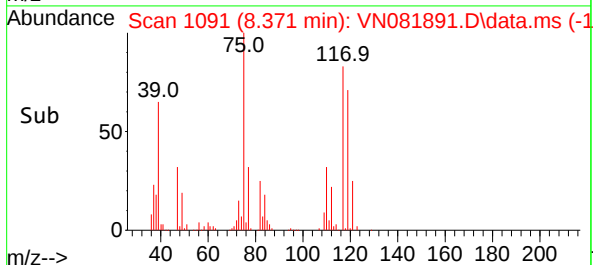
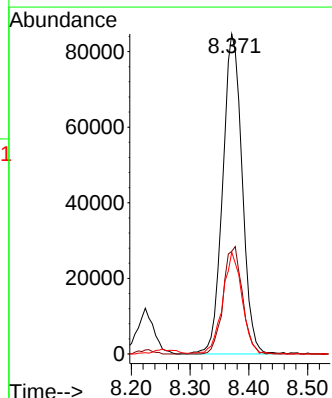
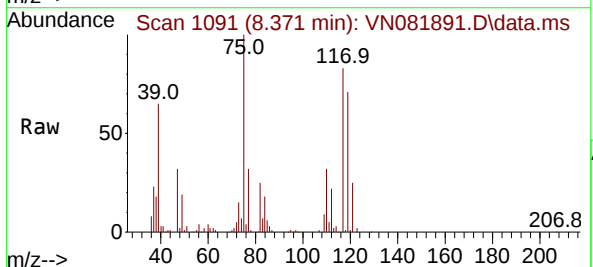
Delta R.T. 0.000 min

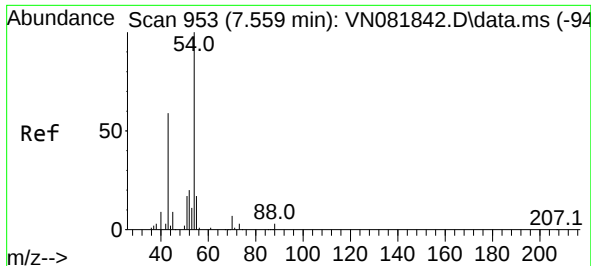
Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Tgt Ion: 75 Resp: 194587

Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.8	53.5
77	32.0	25.0	37.4





#37

Ethyl Acetate

Concen: 43.827 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081891.D

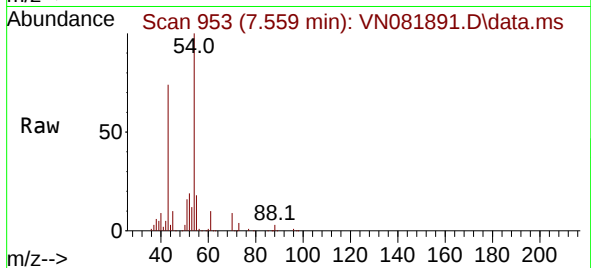
Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



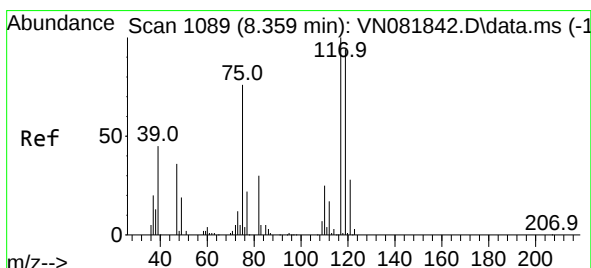
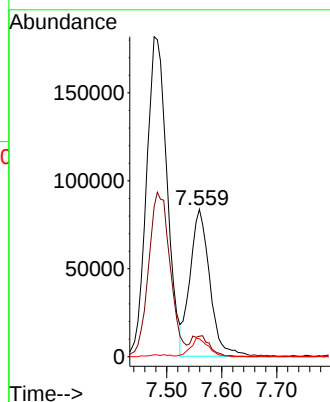
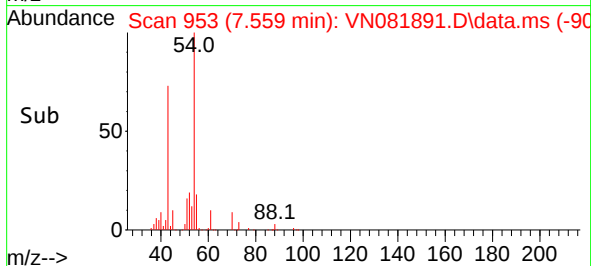
Tgt Ion:	43	Resp:	208944
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	11.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#38

Carbon Tetrachloride

Concen: 43.361 ug/l

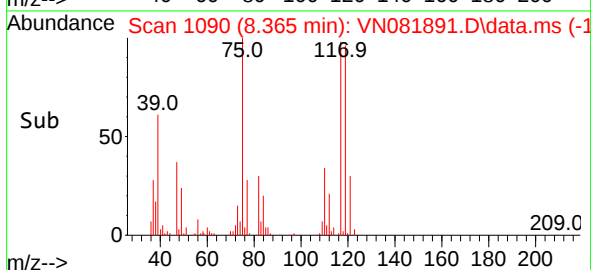
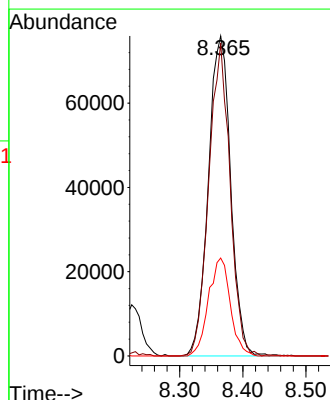
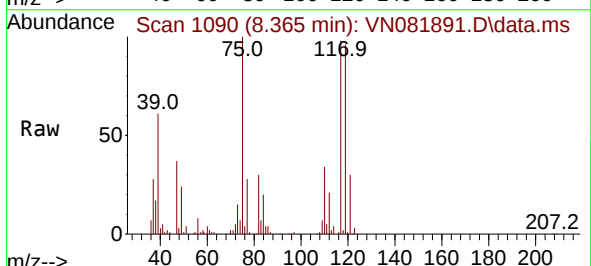
RT: 8.365 min Scan# 1090

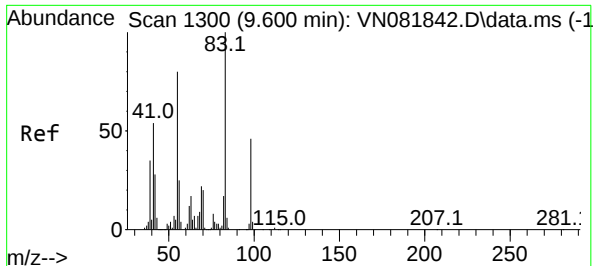
Delta R.T. 0.006 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Tgt Ion:	117	Resp:	186866
Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.5	114.7
121	30.6	23.9	35.9





#39

Methylcyclohexane

Concen: 44.191 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

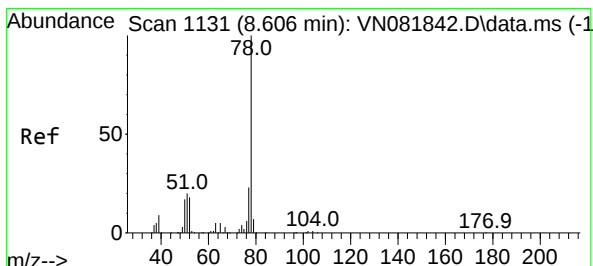
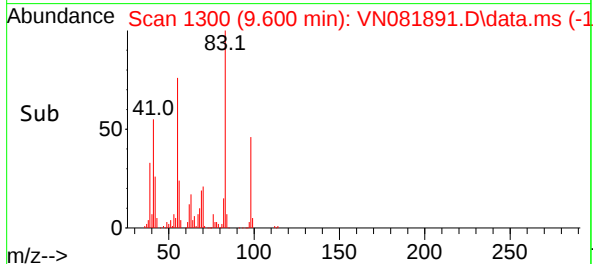
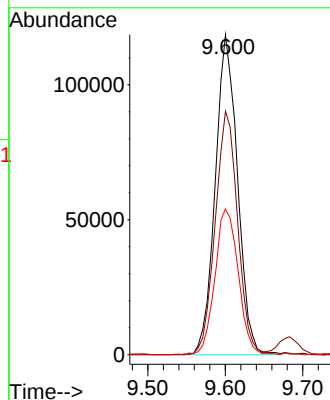
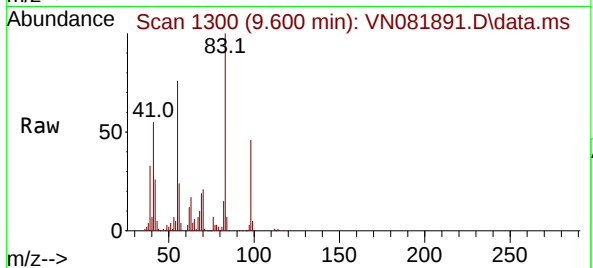
Tgt Ion: 83	Resp: 23664
Ion Ratio	Lower Upper
83 100	
55 75.9	53.0 79.6
98 45.5	37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#40

Benzene

Concen: 46.540 ug/l

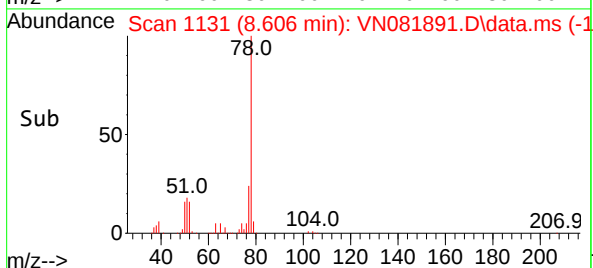
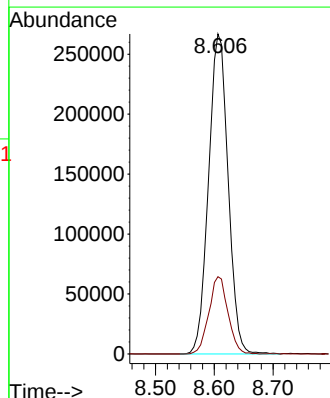
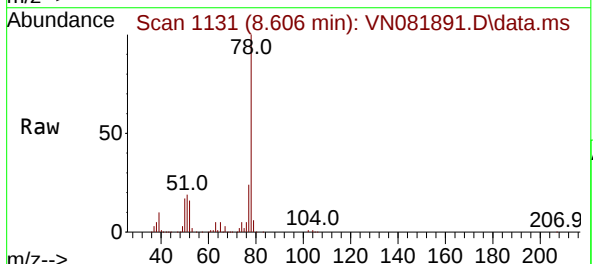
RT: 8.606 min Scan# 1131

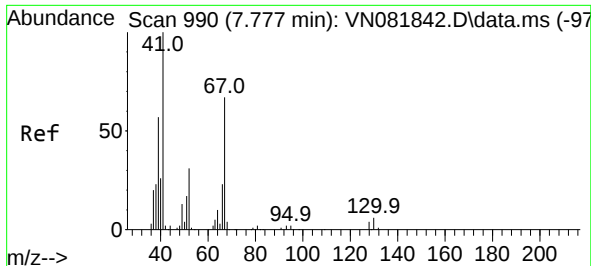
Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Tgt Ion: 78	Resp: 616026
Ion Ratio	Lower Upper
78 100	
77 24.2	20.0 30.0





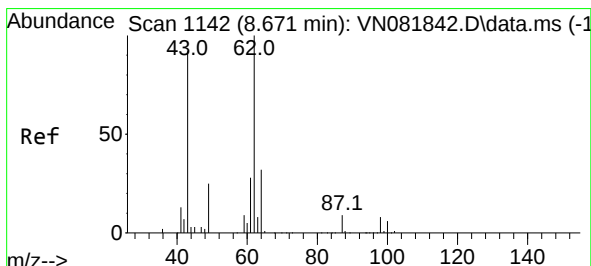
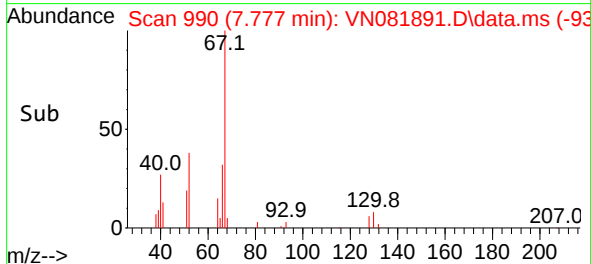
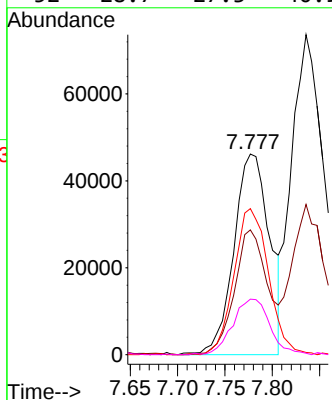
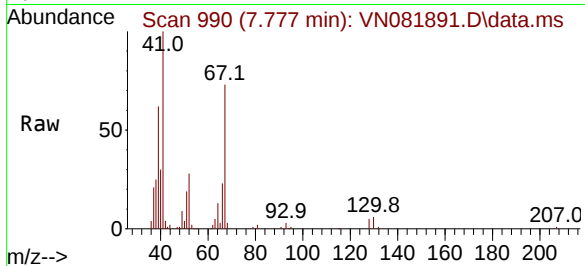
#41
Methacrylonitrile
Concen: 39.781 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	12101
Ion	Ratio	Lower	Upper
41	100		
39	57.6	46.6	69.8
67	70.5	67.3	100.9
52	28.7	27.3	40.9

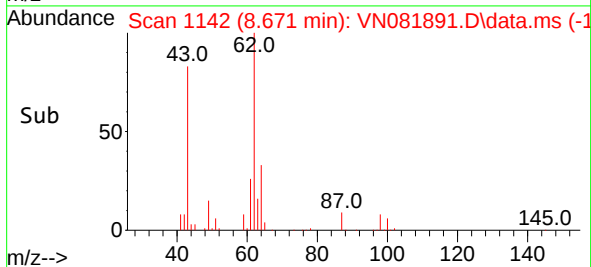
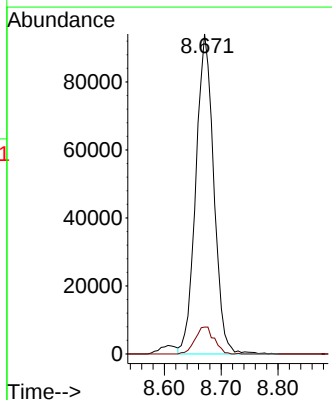
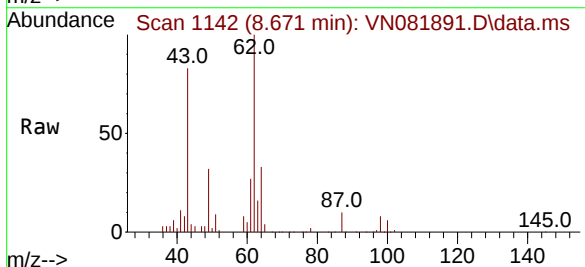
Manual Integrations
APPROVED

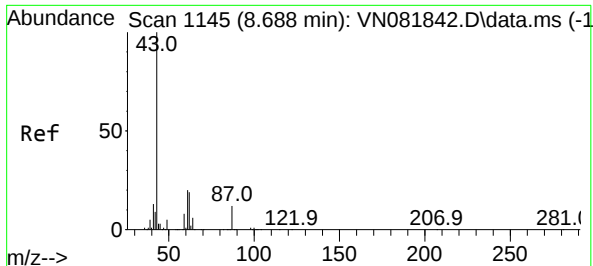
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#42
1,2-Dichloroethane
Concen: 42.007 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

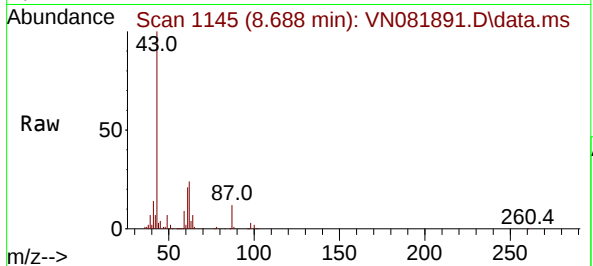
Tgt Ion:	62	Resp:	206472
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.6





#43
Isopropyl Acetate
Concen: 42.468 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

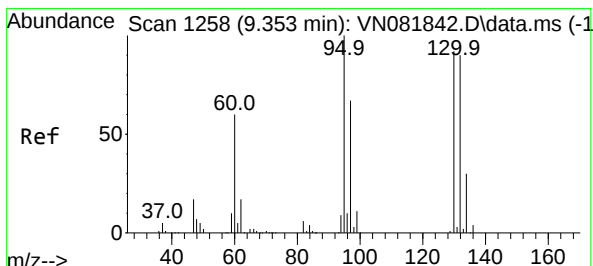
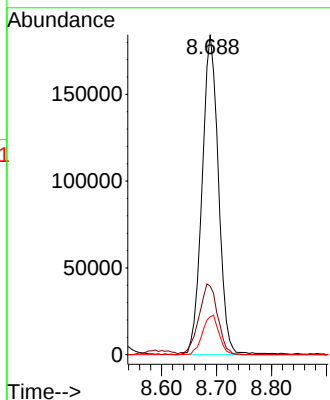
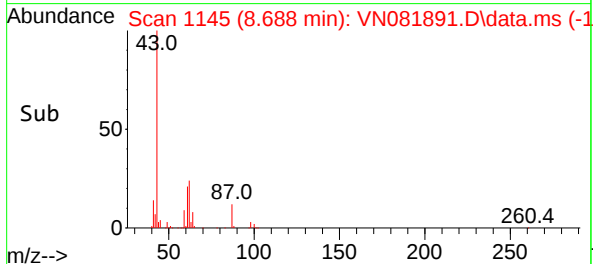
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 380680
Ion Ratio Lower Upper
43 100
61 25.4 22.8 34.2
87 12.4 12.0 18.0

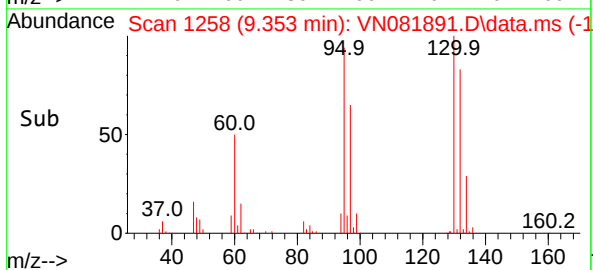
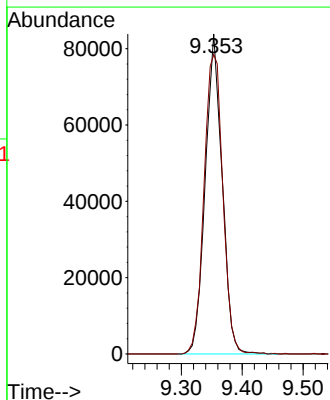
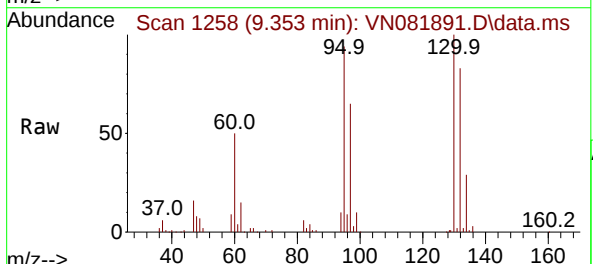
Manual Integrations
APPROVED

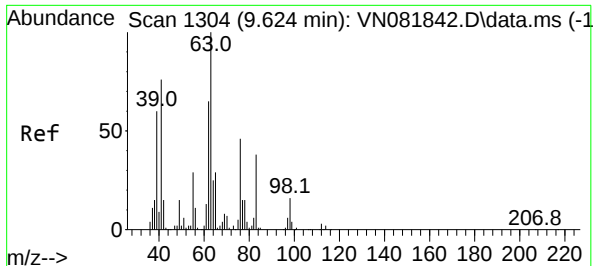
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#44
Trichloroethene
Concen: 52.846 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Tgt Ion:130 Resp: 161275
Ion Ratio Lower Upper
130 100
95 93.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 45.014 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 155930

Ion Ratio Lower Upper

63 100

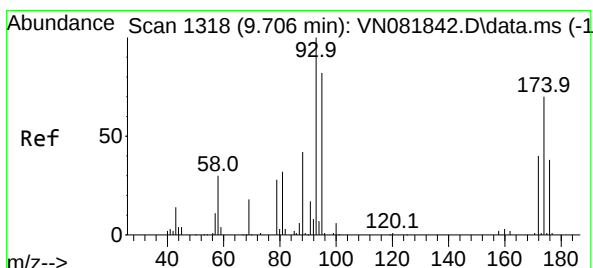
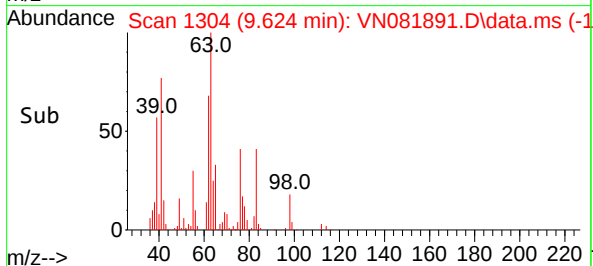
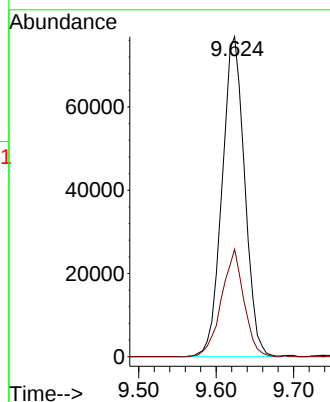
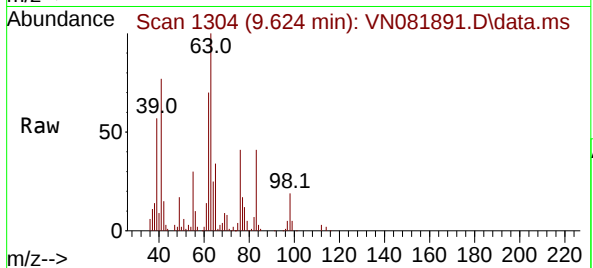
65 33.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#46

Dibromomethane

Concen: 41.873 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

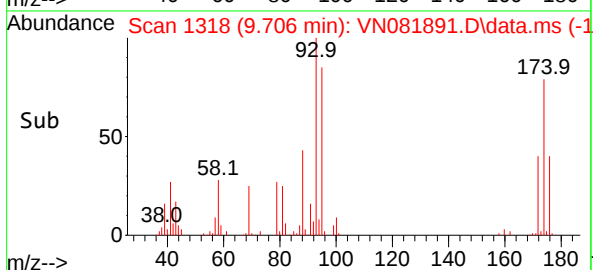
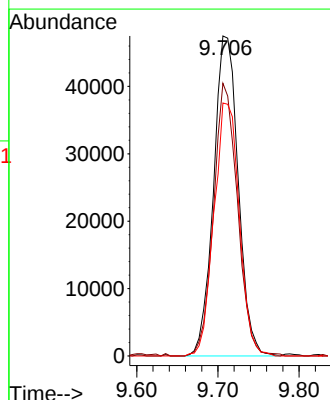
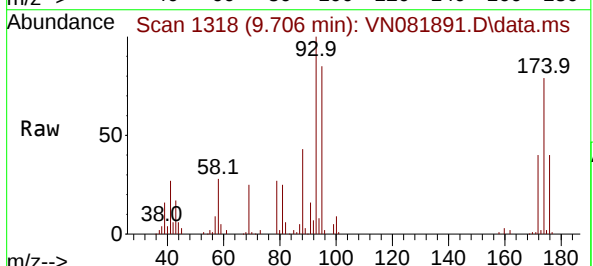
Tgt Ion: 93 Resp: 100258

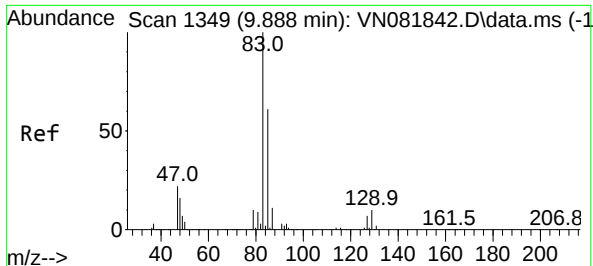
Ion Ratio Lower Upper

93 100

95 82.8 64.8 97.2

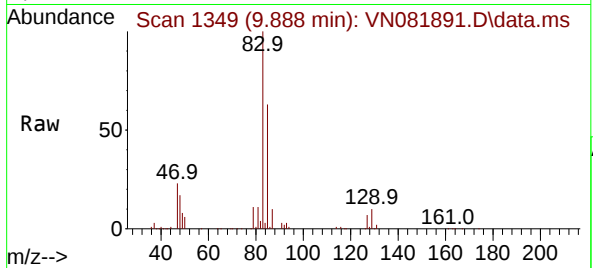
174 81.2 73.4 110.0





#47
Bromodichloromethane
Concen: 41.892 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

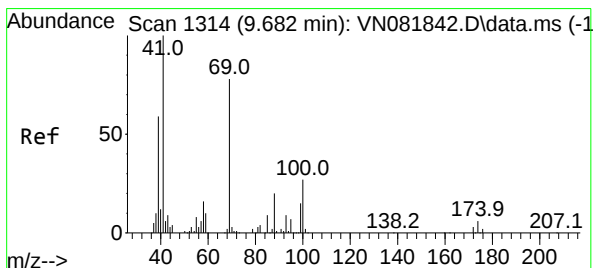
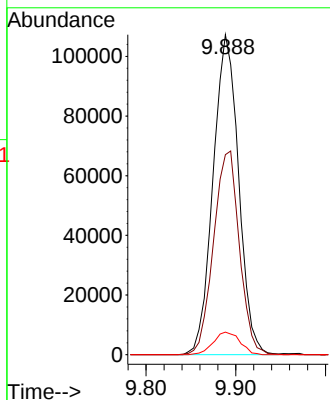
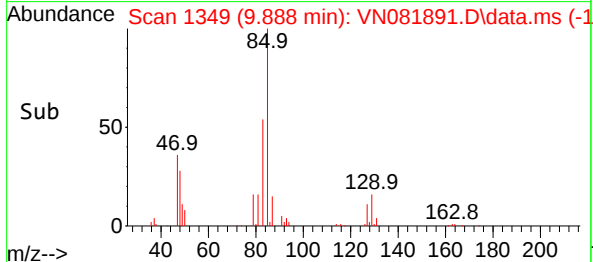
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



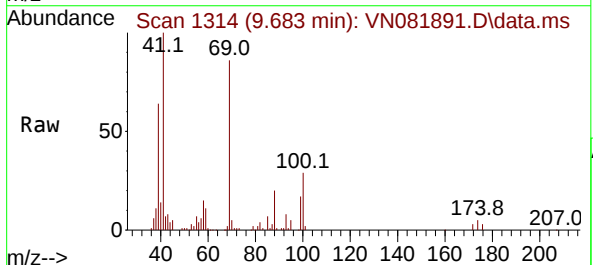
Tgt Ion: 83 Resp: 211530
Ion Ratio Lower Upper
83 100
85 62.5 51.9 77.9
127 7.0 7.5 11.3

Manual Integrations
APPROVED

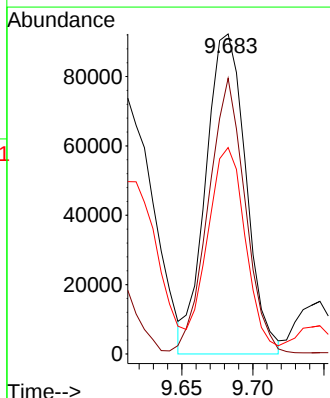
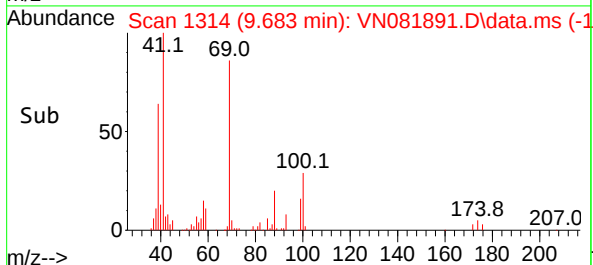
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

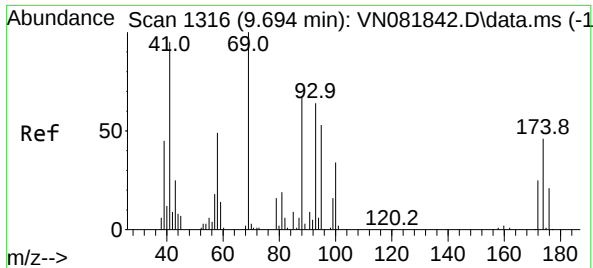


#48
Methyl methacrylate
Concen: 42.480 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



Tgt Ion: 41 Resp: 181786
Ion Ratio Lower Upper
41 100
69 78.8 77.9 116.9
39 61.1 50.9 76.3





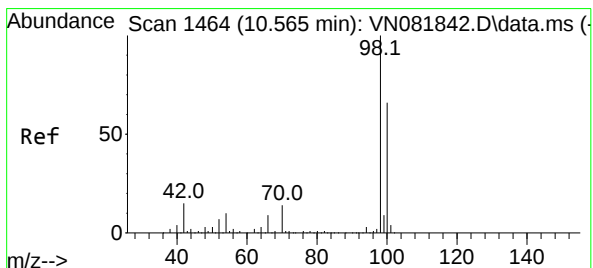
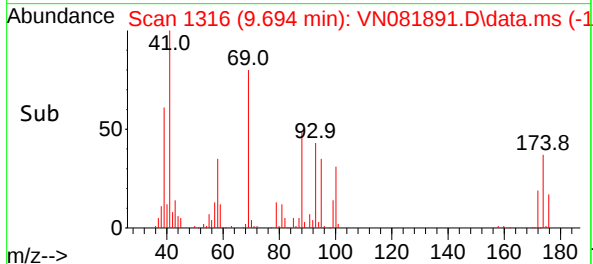
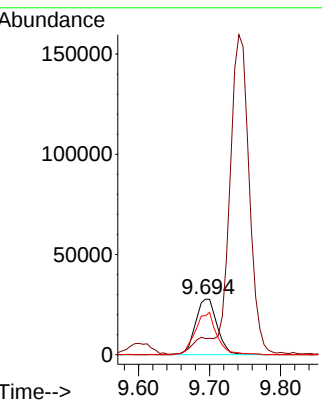
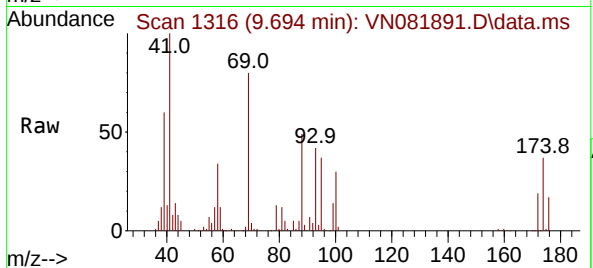
#49
1,4-Dioxane
Concen: 900.435 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 58560
Ion Ratio Lower Upper
88 100
43 29.5 19.0 28.6
58 76.0 50.6 76.0

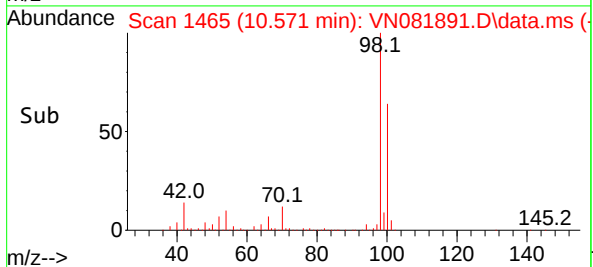
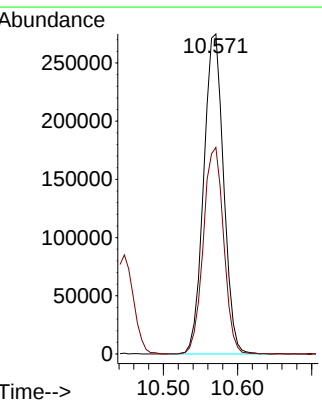
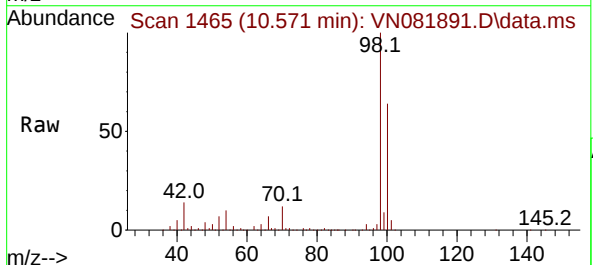
Manual Integrations
APPROVED

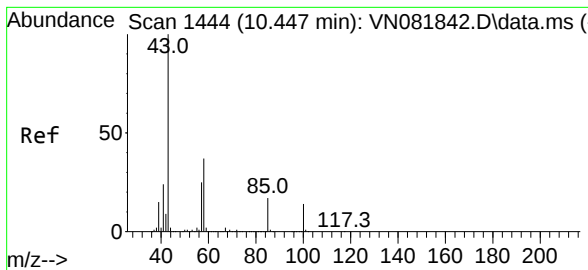
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#50
Toluene-d8
Concen: 48.195 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

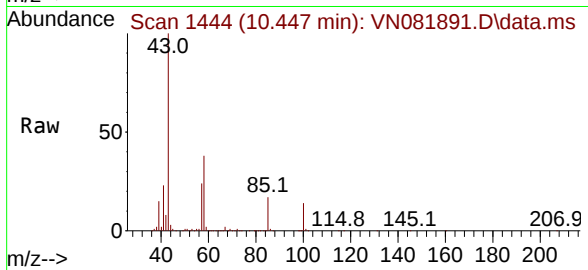
Tgt Ion: 98 Resp: 513011
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 212.023 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

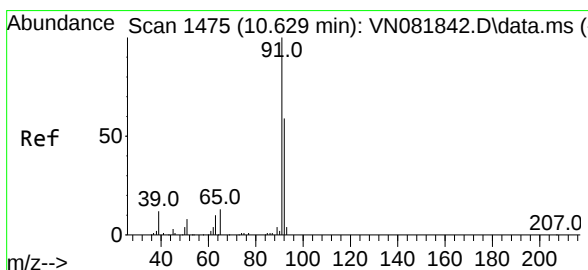
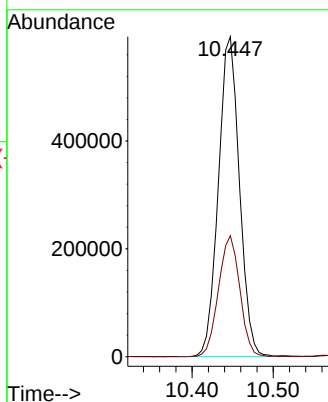
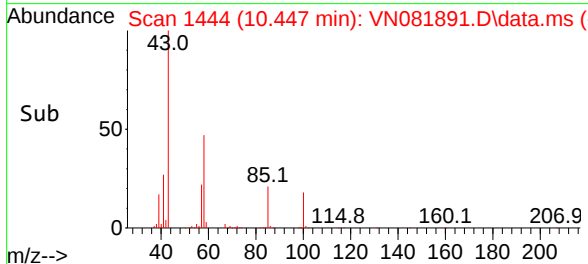
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



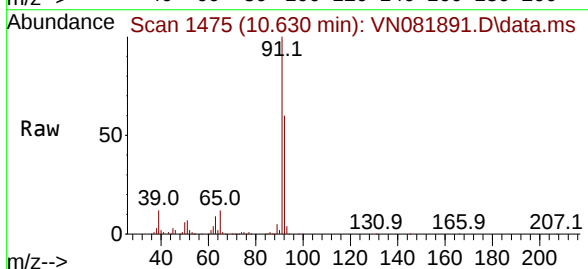
Tgt Ion: 43 Resp: 1069928
Ion Ratio Lower Upper
43 100
58 38.4 33.2 49.8

Manual Integrations
APPROVED

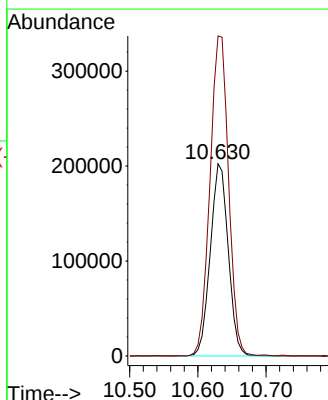
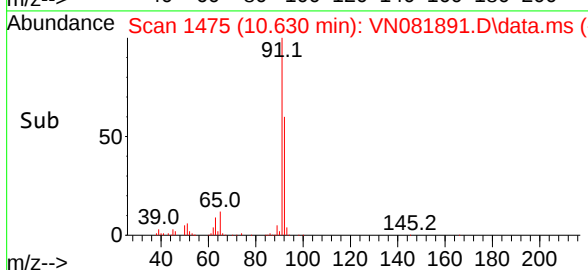
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

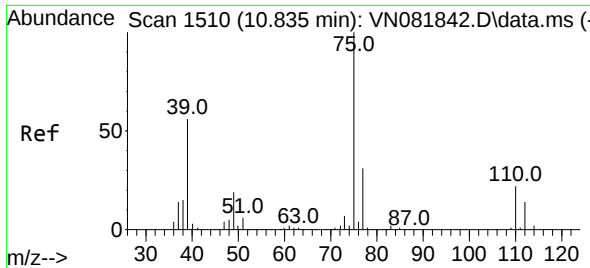


#52
Toluene
Concen: 46.727 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



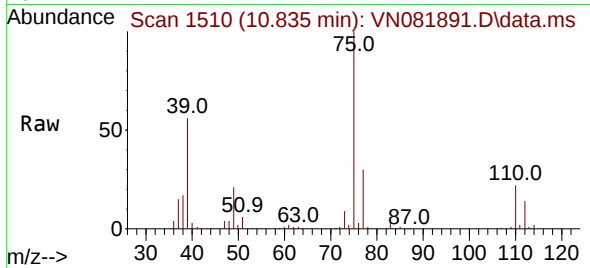
Tgt Ion: 92 Resp: 370399
Ion Ratio Lower Upper
92 100
91 172.6 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 43.457 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

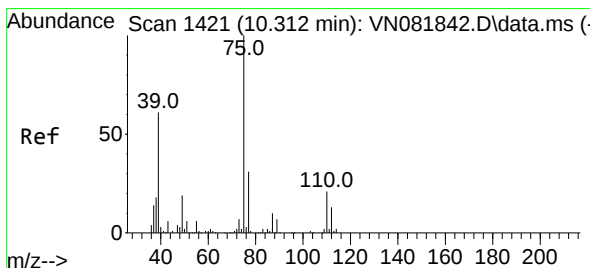
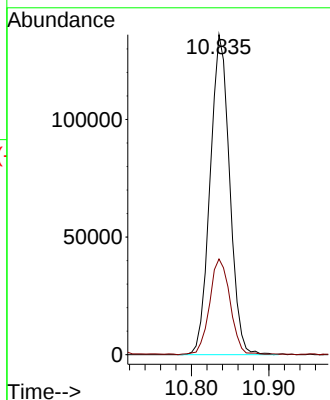
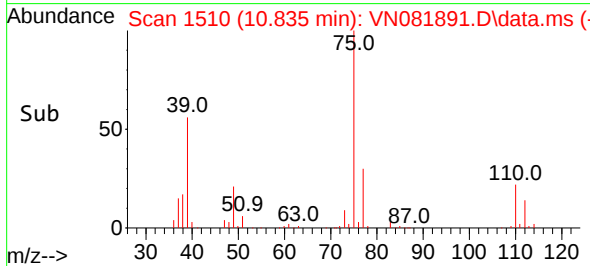
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



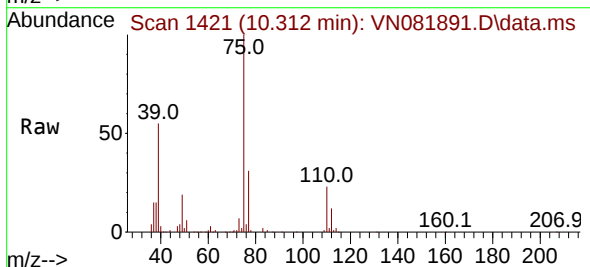
Tgt Ion: 75 Resp: 238770
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0

Manual Integrations
APPROVED

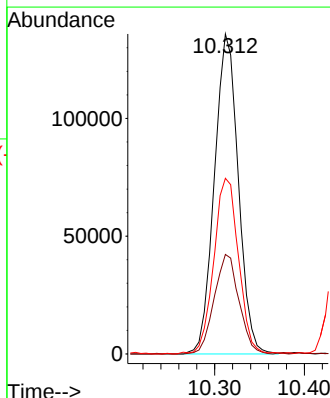
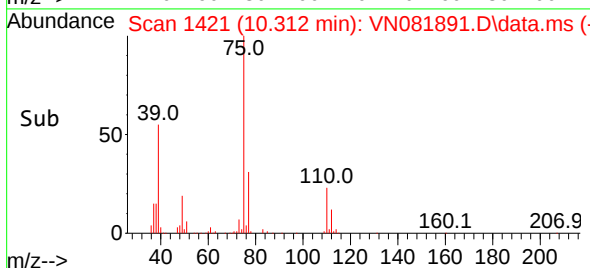
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

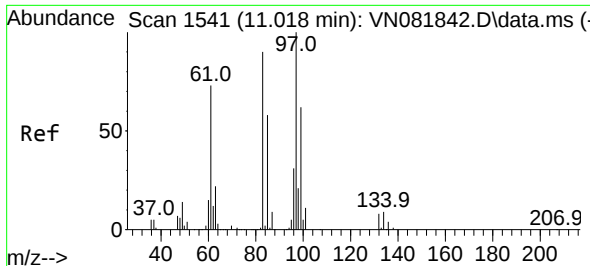


#54
cis-1,3-Dichloropropene
Concen: 44.330 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



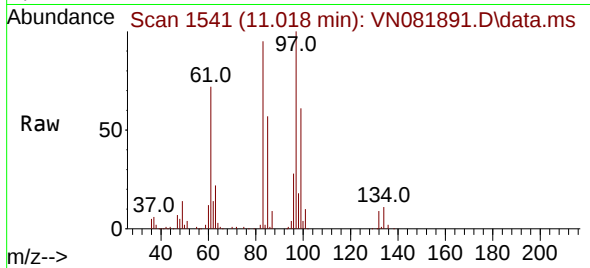
Tgt Ion: 75 Resp: 251026
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 54.8 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 44.079 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

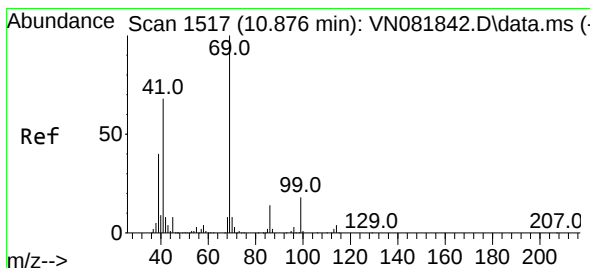
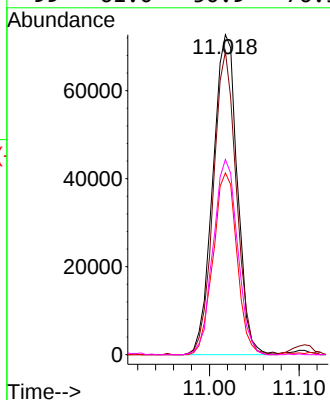
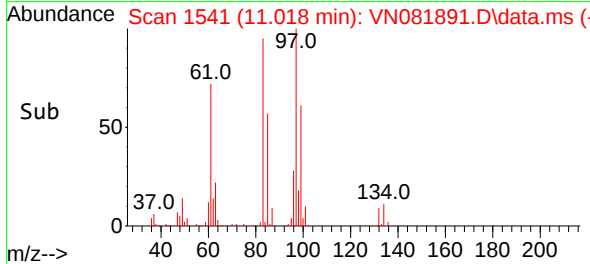
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	137414
Ion Ratio	100	Lower	Upper
97	100		
83	94.8	70.4	105.6
85	56.8	45.6	68.4
99	61.0	50.9	76.3

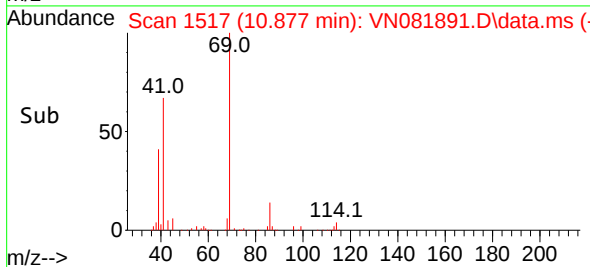
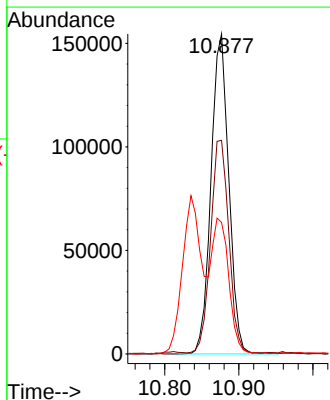
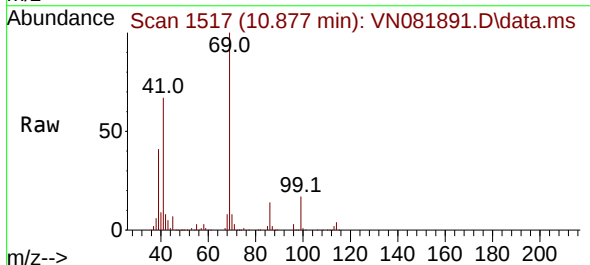
Manual Integrations
APPROVED

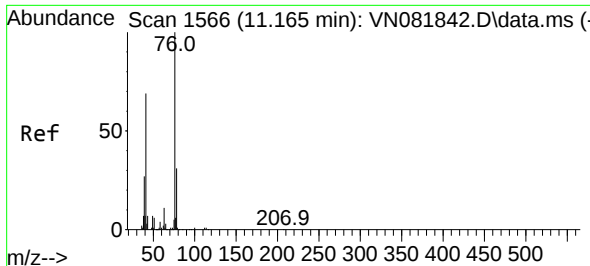
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#56
Ethyl methacrylate
Concen: 43.336 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

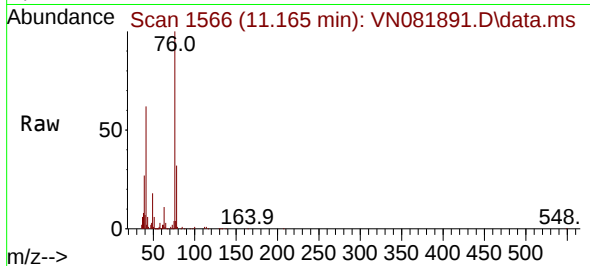
Tgt Ion:	69	Resp:	257253
Ion Ratio	100	Lower	Upper
69	100		
41	67.8	46.6	70.0
39	39.0	26.5	39.7





#57
1,3-Dichloropropane
Concen: 45.250 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

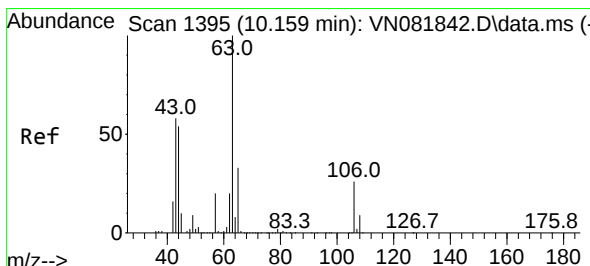
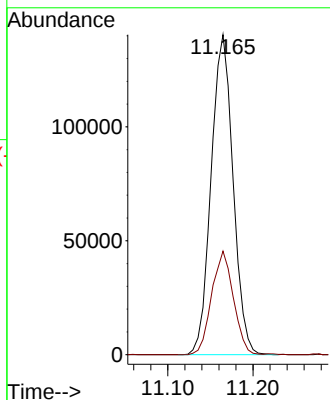
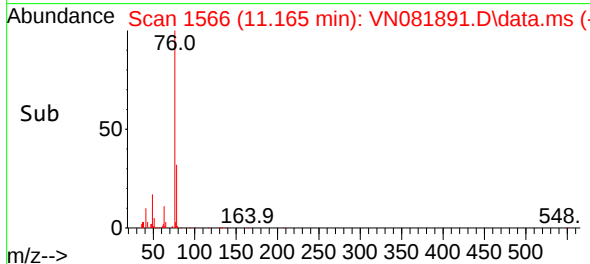
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 25079
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6

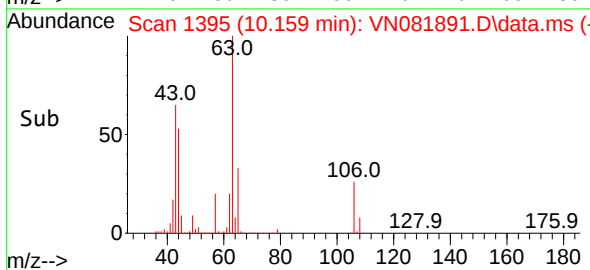
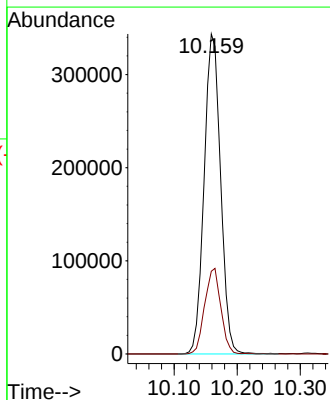
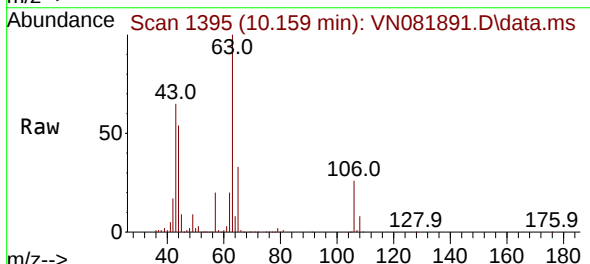
Manual Integrations
APPROVED

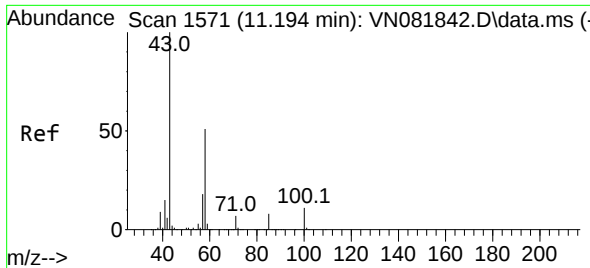
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#58
2-Chloroethyl Vinyl ether
Concen: 229.833 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

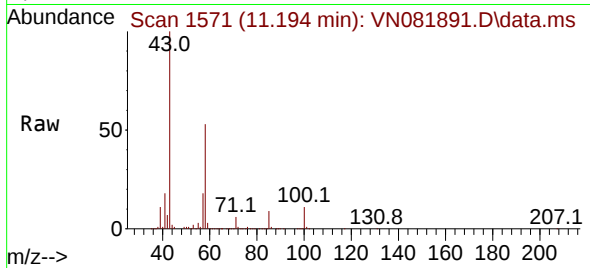
Tgt Ion: 63 Resp: 621530
Ion Ratio Lower Upper
63 100
106 26.3 24.6 36.8





#59
2-Hexanone
Concen: 212.858 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

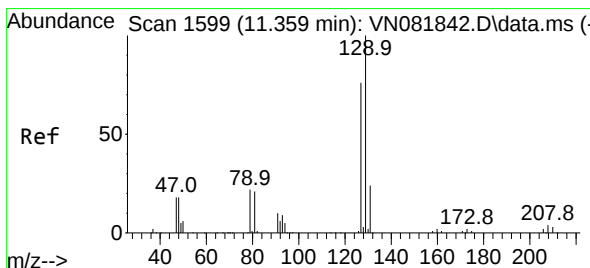
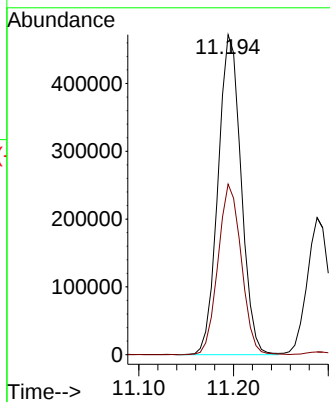
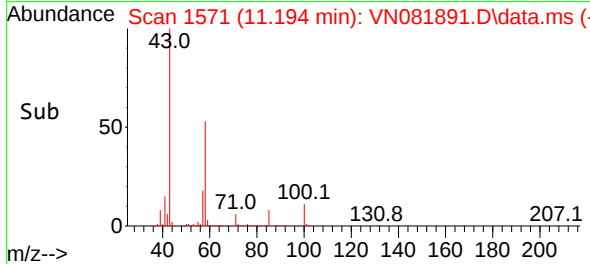
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 799380
Ion Ratio Lower Upper
43 100
58 53.7 28.3 84.9

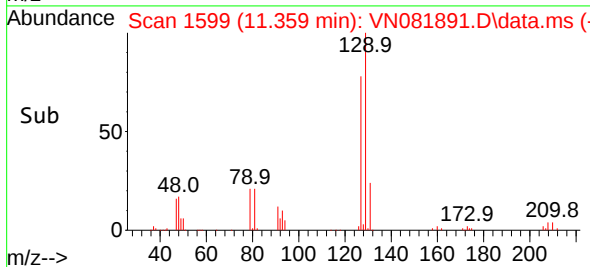
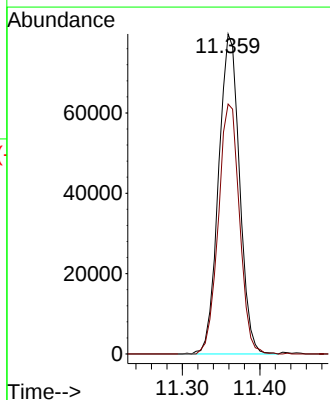
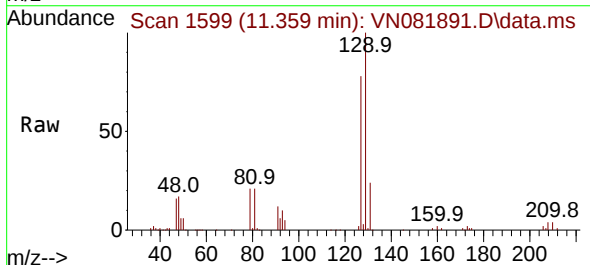
Manual Integrations
APPROVED

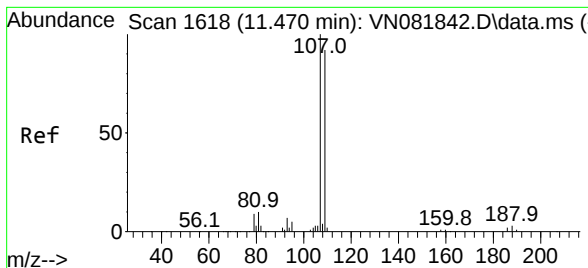
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#60
Dibromochloromethane
Concen: 45.301 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

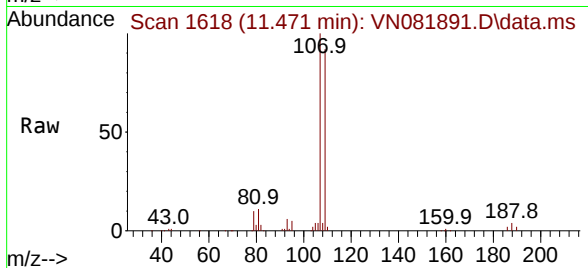
Tgt Ion:129 Resp: 149579
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.8





#61
1,2-Dibromoethane
Concen: 46.209 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

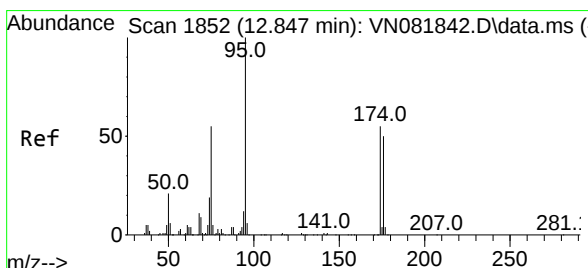
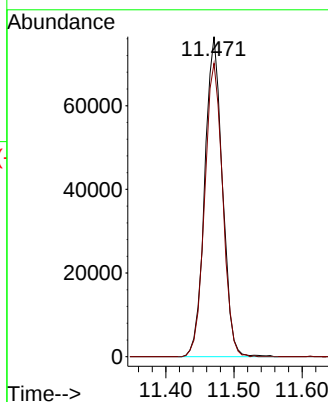
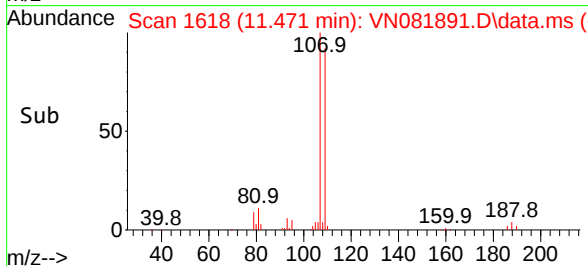
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



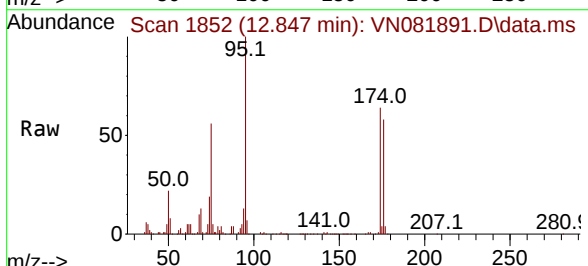
Tgt Ion:107 Resp: 13776
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.6

Manual Integrations
APPROVED

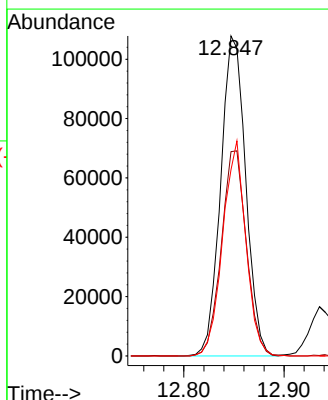
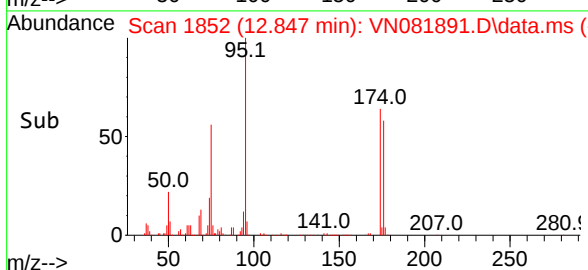
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

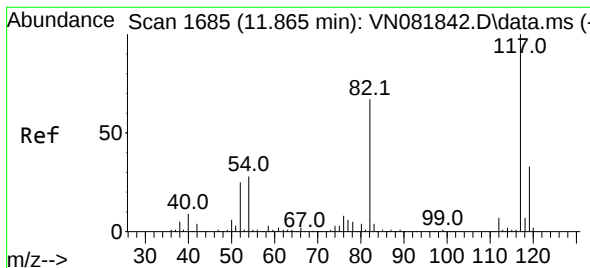


#62
4-Bromofluorobenzene
Concen: 44.473 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



Tgt Ion: 95 Resp: 187135
Ion Ratio Lower Upper
95 100
174 64.2 0.0 160.6
176 62.2 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 388369

Ion Ratio Lower Upper

117 100

82 58.9 44.6 66.8

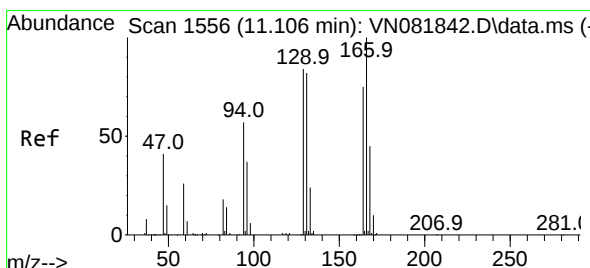
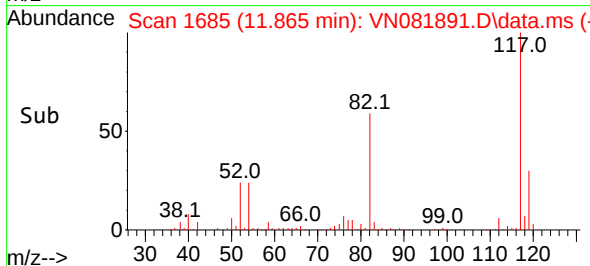
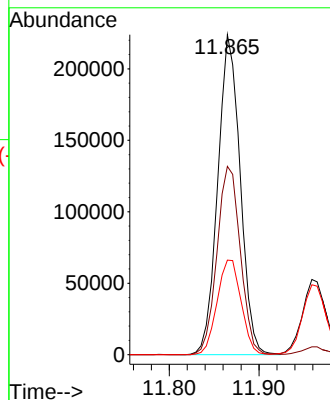
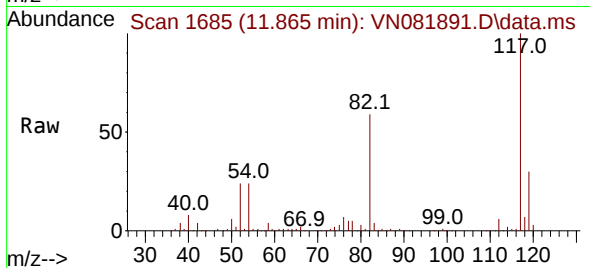
119 29.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#64

Tetrachloroethene

Concen: 44.362 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Tgt Ion:164 Resp: 125132

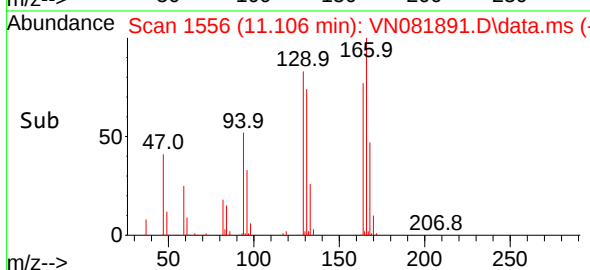
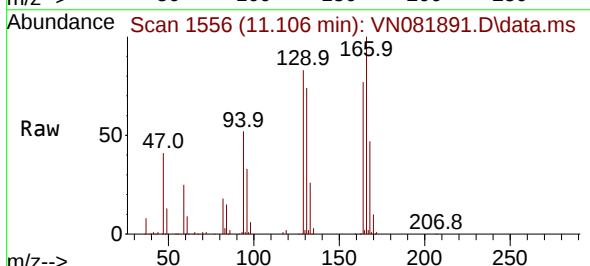
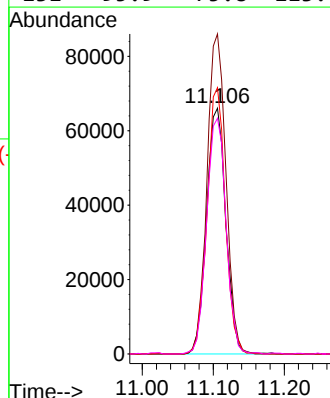
Ion Ratio Lower Upper

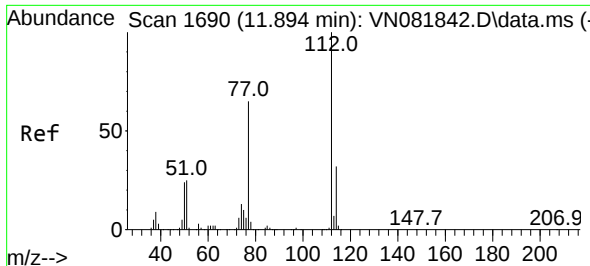
164 100

166 130.2 97.6 146.4

129 108.4 73.7 110.5

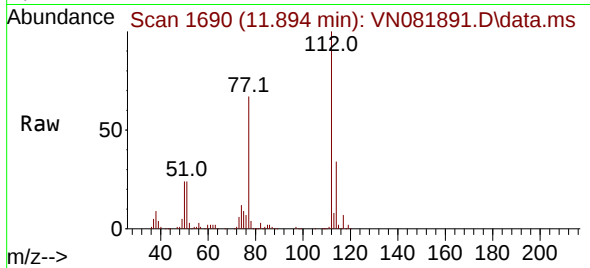
131 95.9 75.8 113.6





#65
Chlorobenzene
Concen: 46.233 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

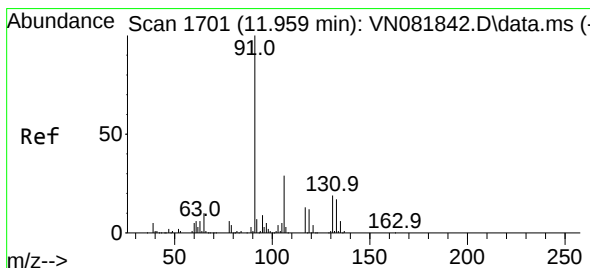
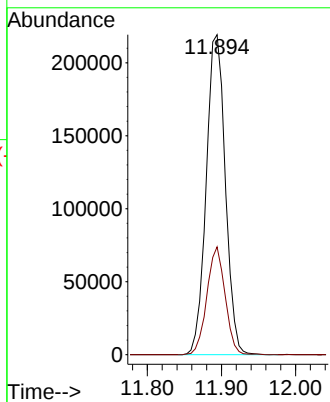
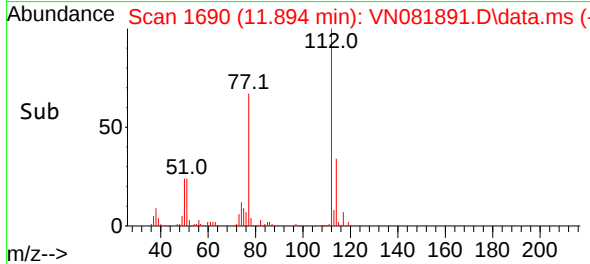
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 39211
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5

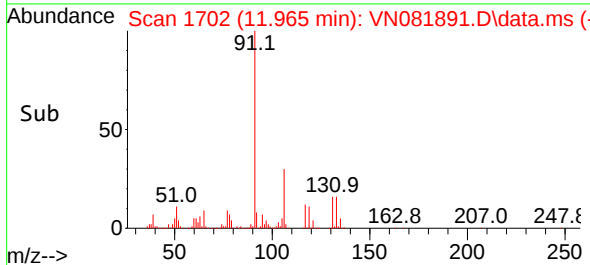
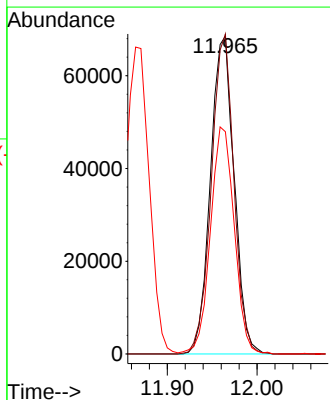
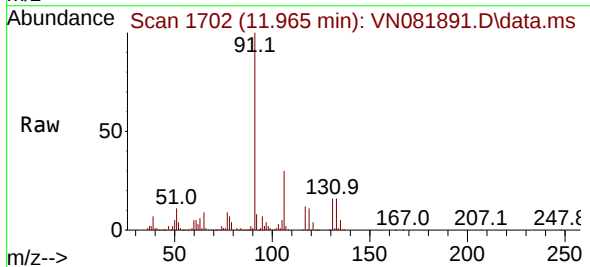
Manual Integrations
APPROVED

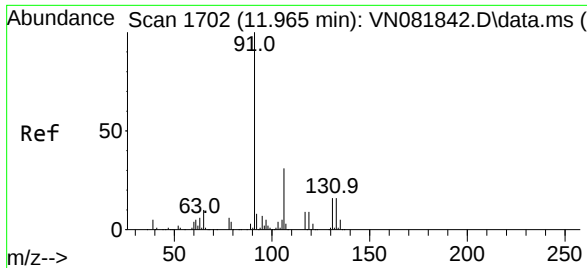
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 45.600 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

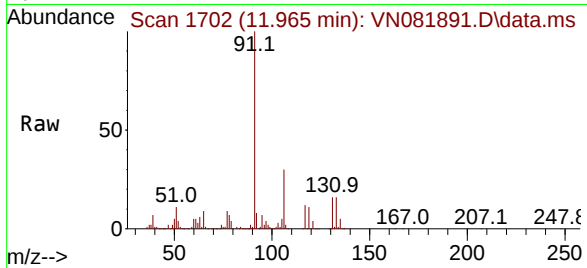
Tgt Ion:131 Resp: 125689
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 71.8 32.9 98.7





#67
Ethyl Benzene
Concen: 45.637 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

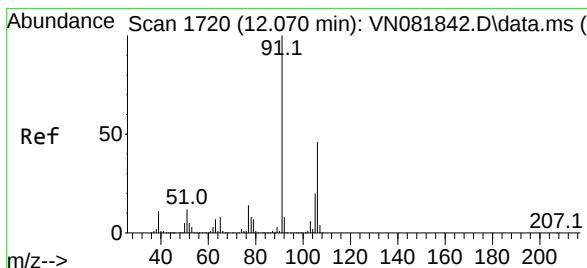
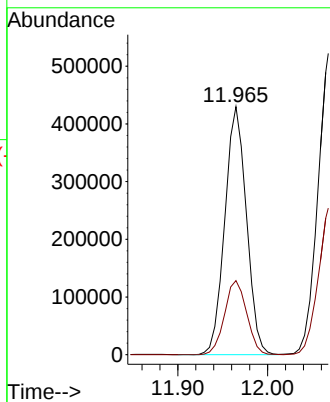
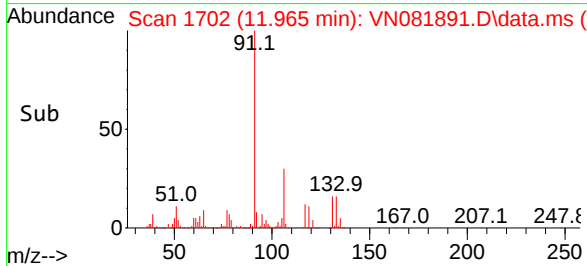
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



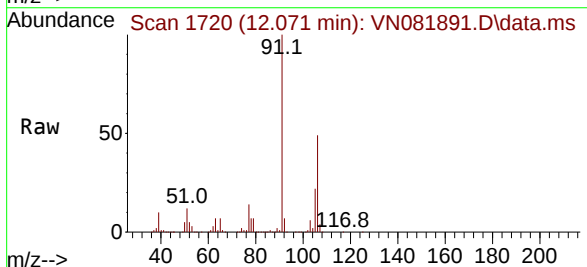
Tgt Ion: 91 Resp: 71981
Ion Ratio Lower Upper
91 100
106 29.9 25.3 37.9

Manual Integrations
APPROVED

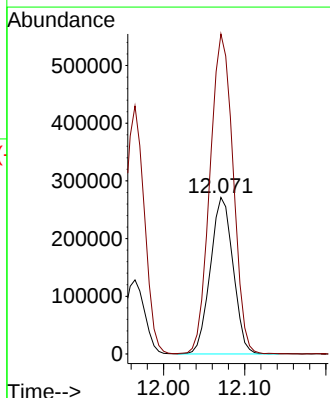
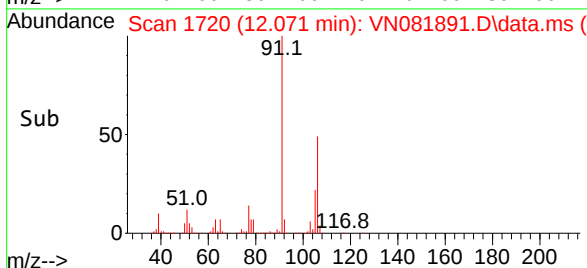
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

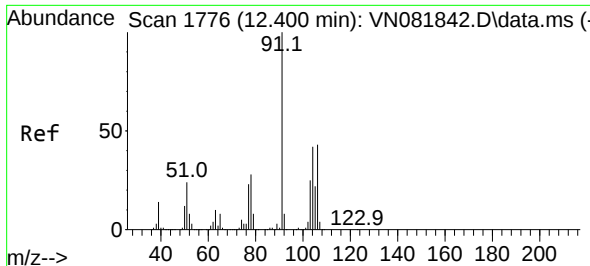


#68
m/p-Xylenes
Concen: 94.053 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



Tgt Ion:106 Resp: 529145
Ion Ratio Lower Upper
106 100
91 208.3 159.4 239.0





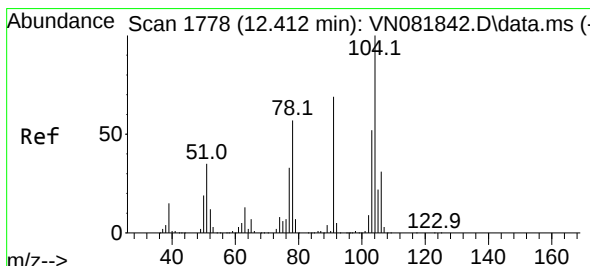
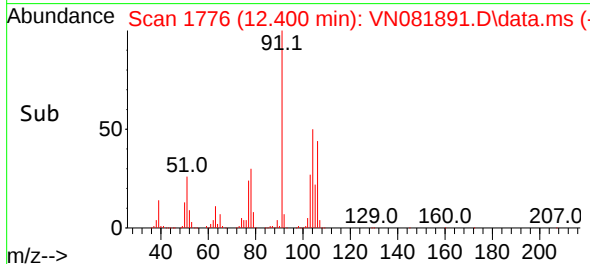
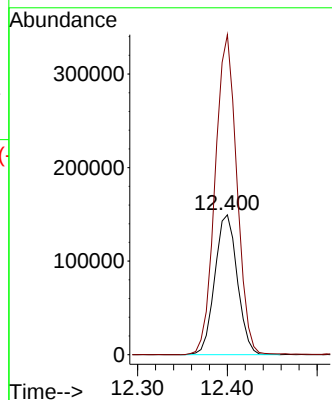
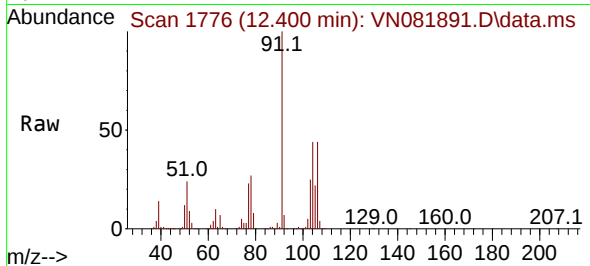
#69
o-Xylene
Concen: 47.381 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 260249
Ion Ratio Lower Upper
106 100
91 220.8 104.7 314.1

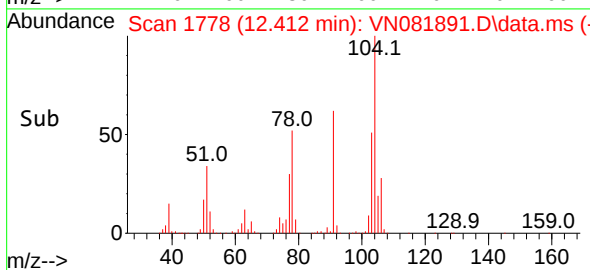
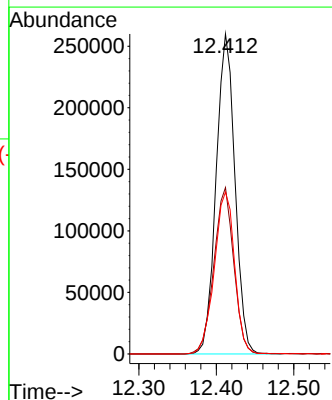
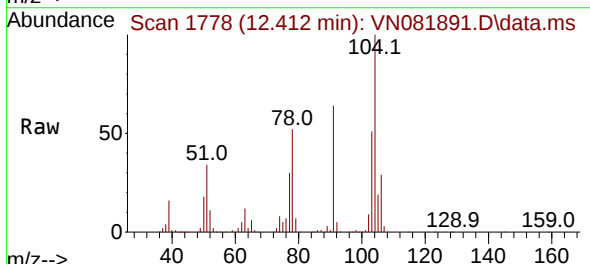
Manual Integrations
APPROVED

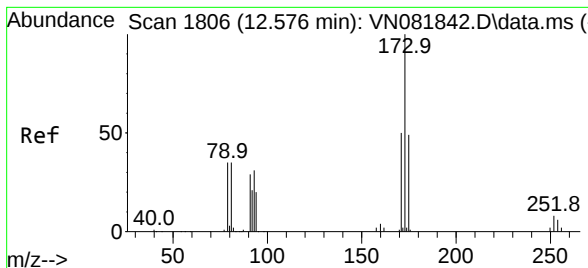
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#70
Styrene
Concen: 46.254 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Tgt Ion:104 Resp: 439500
Ion Ratio Lower Upper
104 100
78 54.8 38.6 58.0
103 54.5 43.8 65.6





#71

Bromoform

Concen: 42.756 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

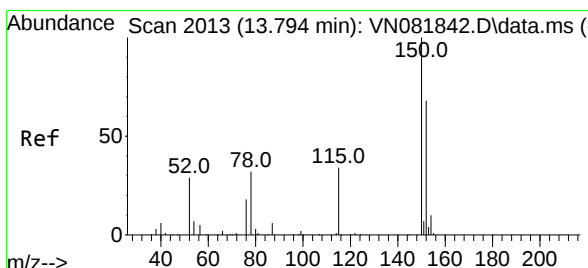
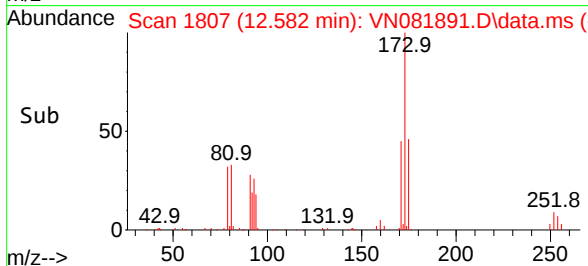
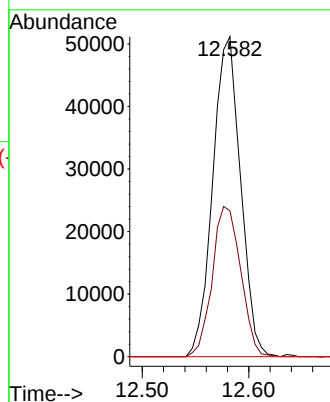
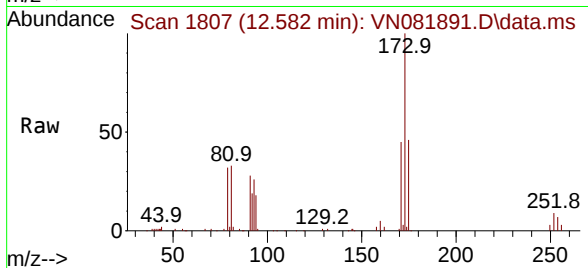
Tgt Ion:173	Resp:	9265
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.6 74.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

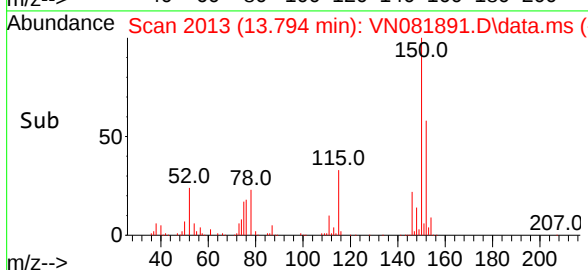
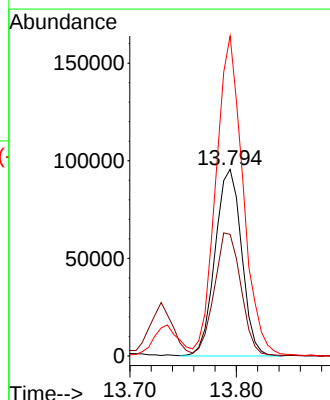
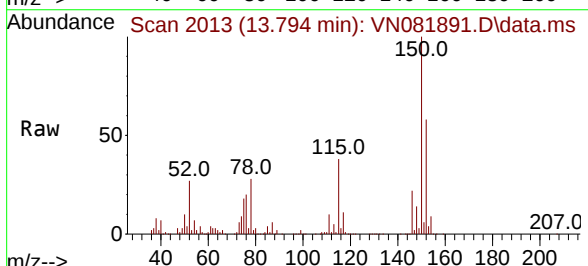
RT: 13.794 min Scan# 2013

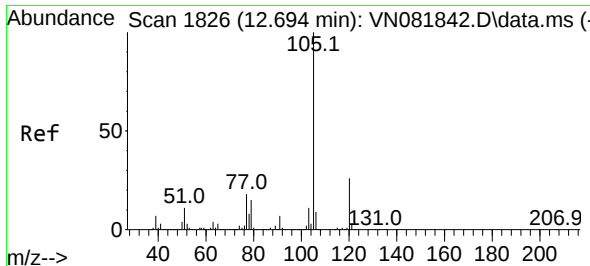
Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

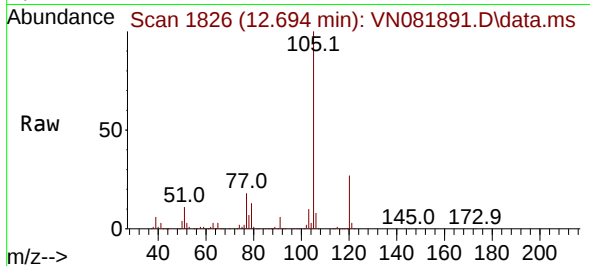
Tgt Ion:152	Resp:	165151
Ion Ratio	Lower	Upper
152	100	
115	66.0	30.4 91.3
150	175.2	0.0 353.2





#73
Isopropylbenzene
Concen: 45.076 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

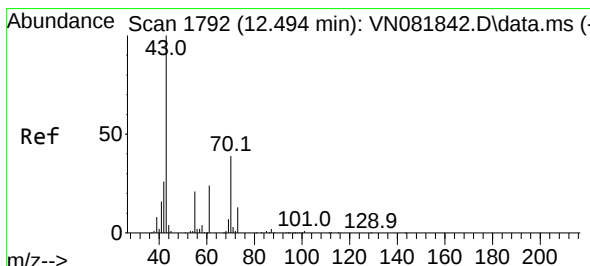
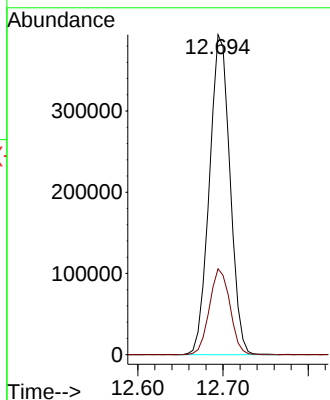
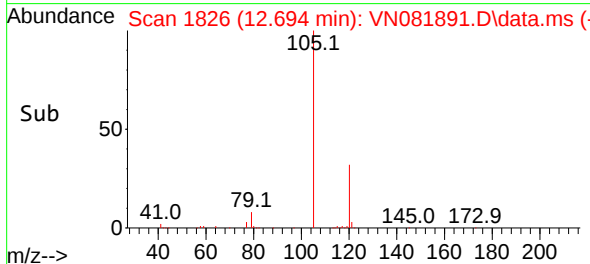
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 105 Resp: 661874
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

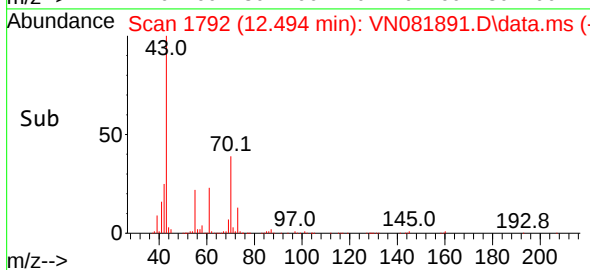
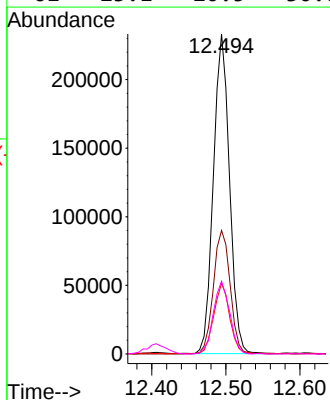
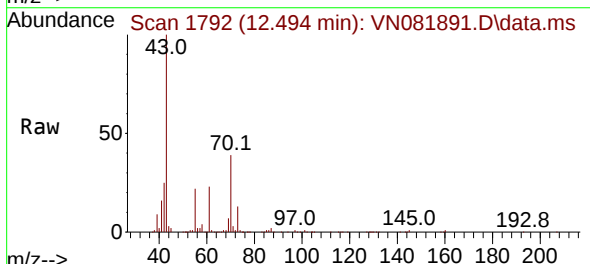
Manual Integrations
APPROVED

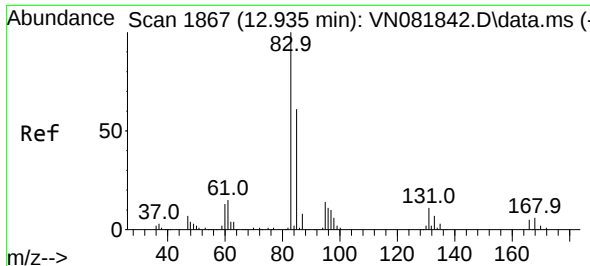
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#74
N-ethyl acetate
Concen: 43.004 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Tgt Ion: 43 Resp: 351556
Ion Ratio Lower Upper
43 100
70 40.3 39.0 58.4
55 21.6 21.3 31.9
61 23.1 20.5 30.7





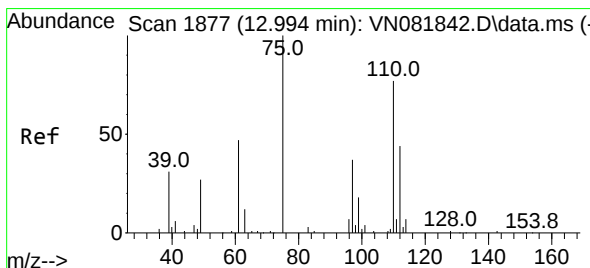
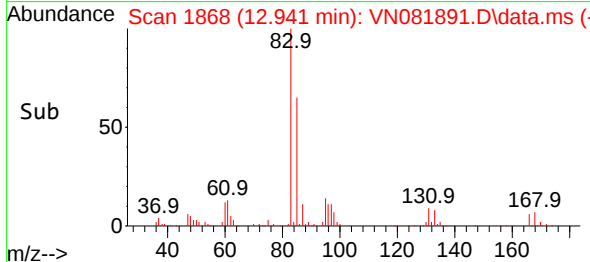
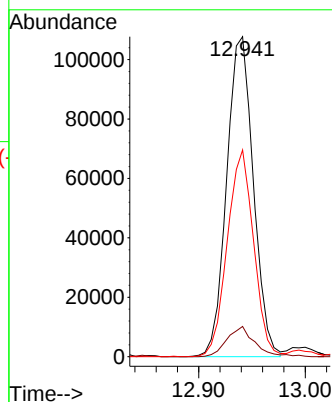
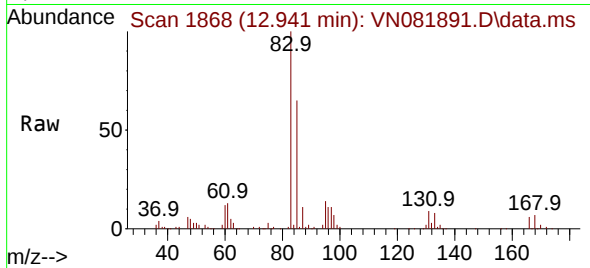
#75
1,1,2,2-Tetrachloroethane
Concen: 42.606 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 187869
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.4
85 63.8 32.9 98.6

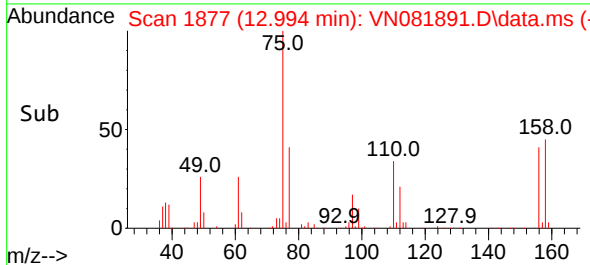
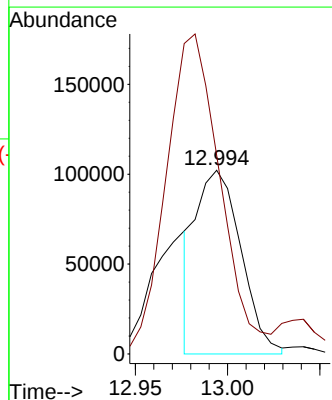
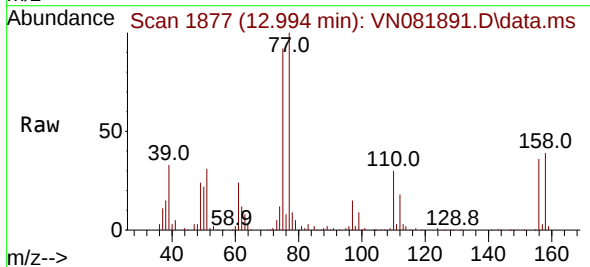
Manual Integrations
APPROVED

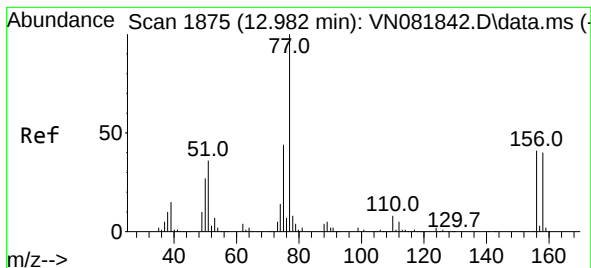
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#76
1,2,3-Trichloropropane
Concen: 40.399 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Tgt Ion: 75 Resp: 172987
Ion Ratio Lower Upper
75 100
77 210.4 90.5 271.3





#77

Bromobenzene

Concen: 45.159 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

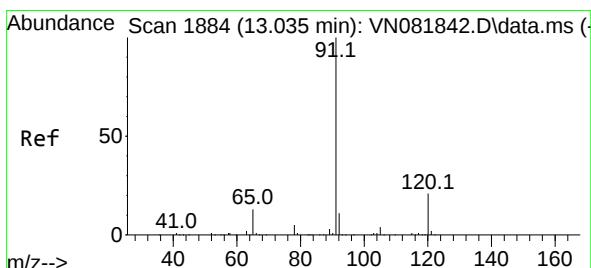
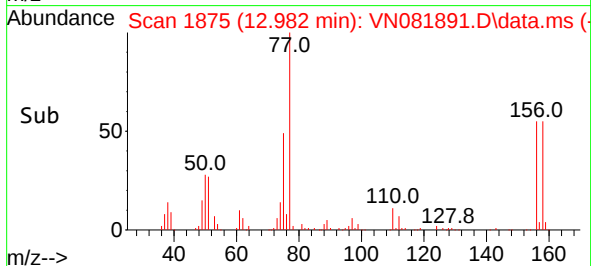
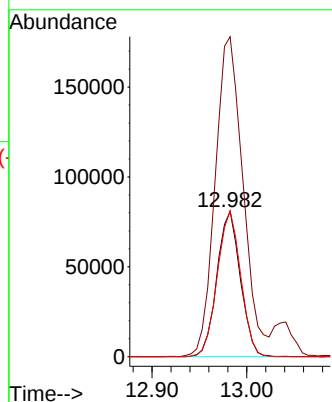
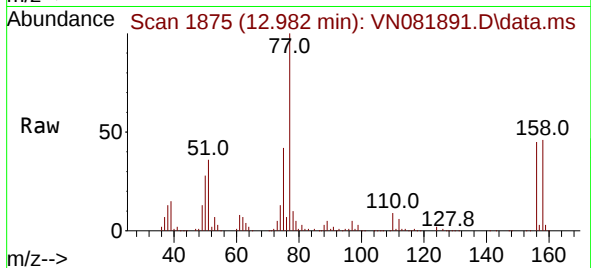
Tgt Ion:156 Resp: 138759
 Ion Ratio Lower Upper
 156 100
 77 262.3 100.2 300.6
 158 100.6 49.1 147.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#78

n-propylbenzene

Concen: 44.337 ug/l

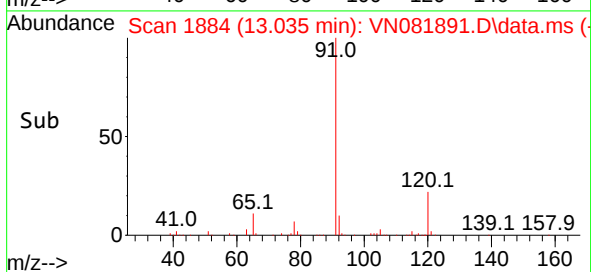
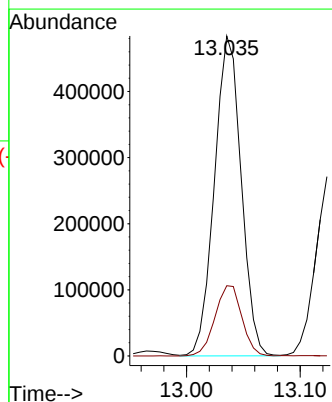
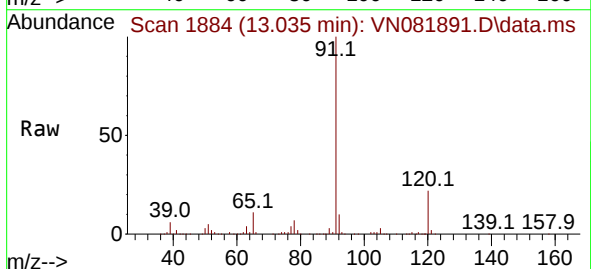
RT: 13.035 min Scan# 1884

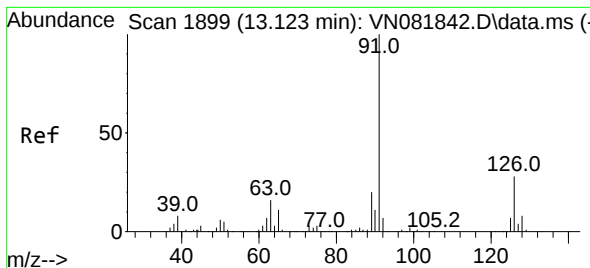
Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Tgt Ion: 91 Resp: 790787
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.7 35.0





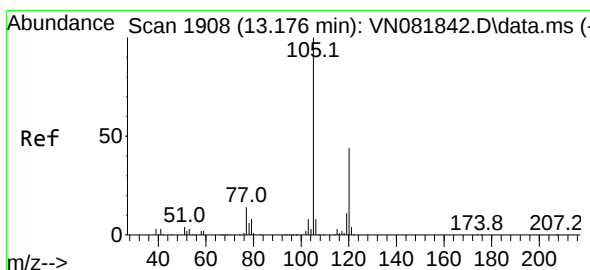
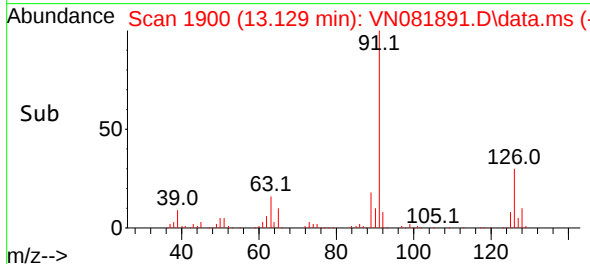
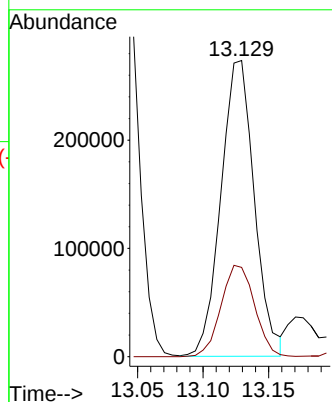
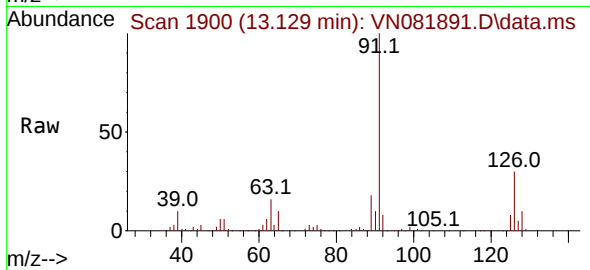
#79
2-Chlorotoluene
Concen: 42.715 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 484720
Ion Ratio Lower Upper
91 100
126 31.0 17.5 52.5

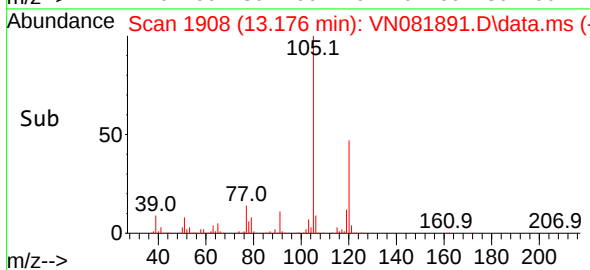
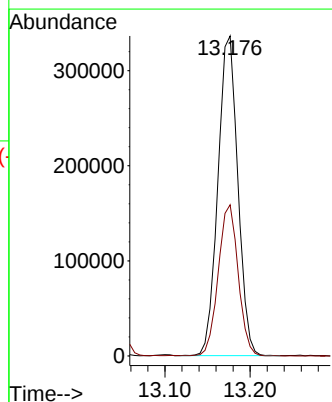
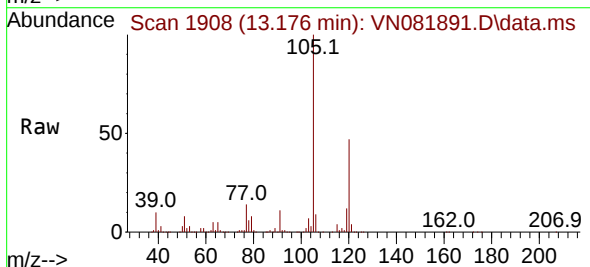
Manual Integrations
APPROVED

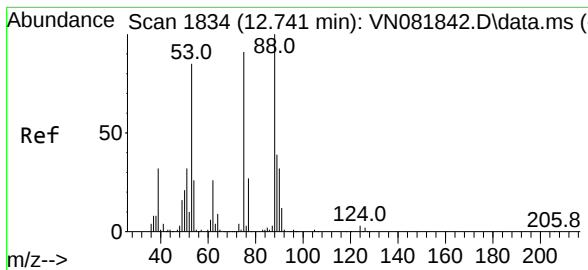
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 43.898 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

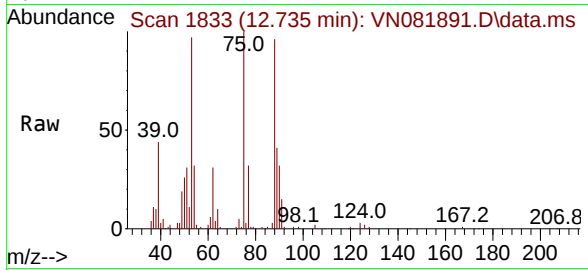
Tgt Ion:105 Resp: 545448
Ion Ratio Lower Upper
105 100
120 47.4 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.257 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

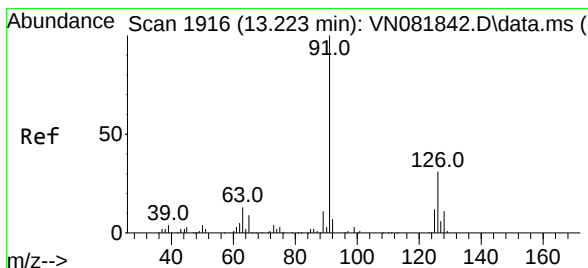
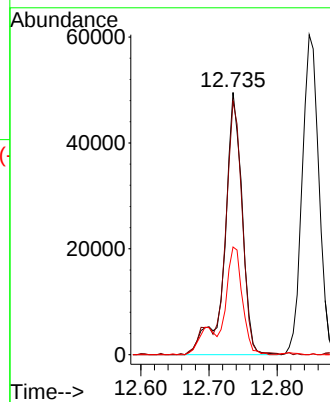
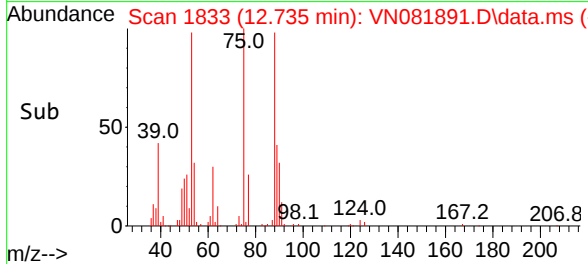
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 88303
Ion Ratio Lower Upper
75 100
53 89.4 72.9 109.3
89 37.5 39.1 58.7

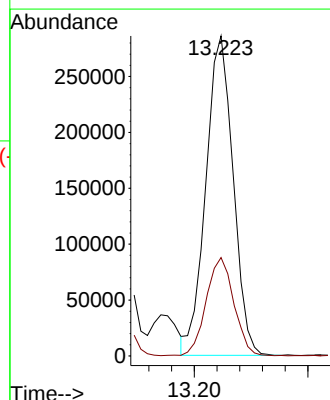
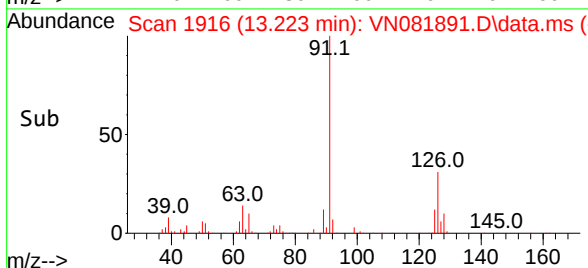
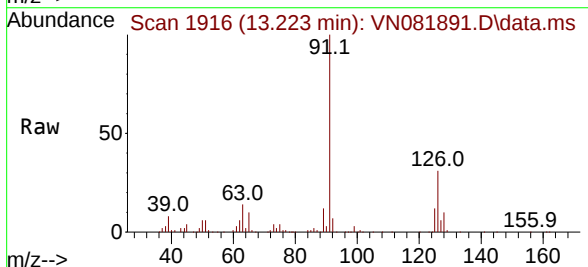
Manual Integrations
APPROVED

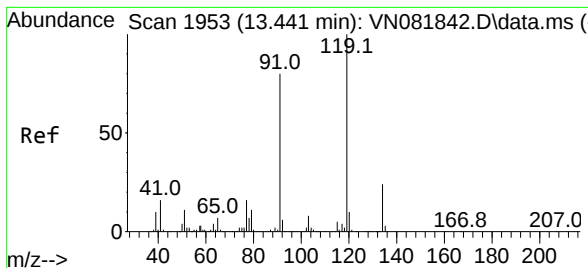
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#82
4-Chlorotoluene
Concen: 43.234 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

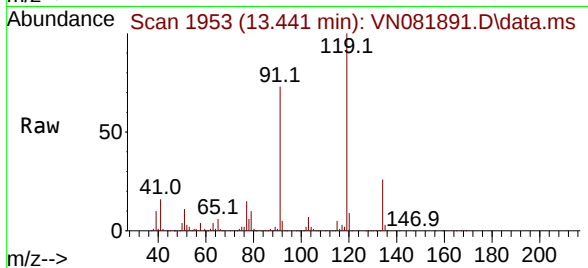
Tgt Ion: 91 Resp: 476303
Ion Ratio Lower Upper
91 100
126 31.3 17.4 52.3





#83
tert-Butylbenzene
Concen: 44.695 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

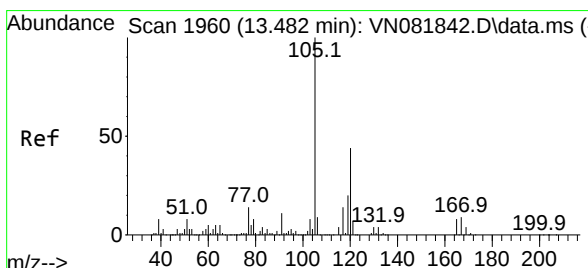
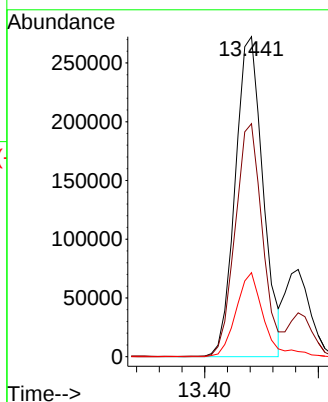
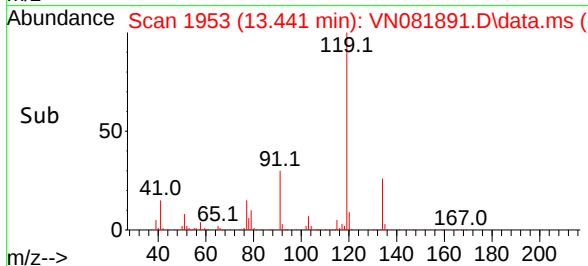
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



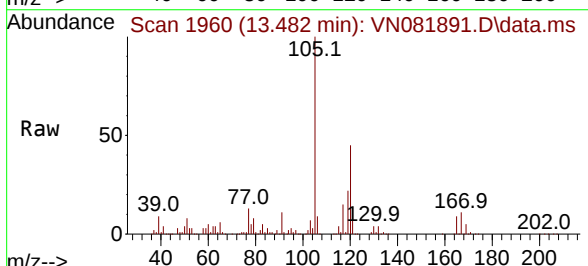
Tgt Ion:119 Resp: 462479
Ion Ratio Lower Upper
119 100
91 72.6 32.6 97.8
134 26.2 12.4 37.0

Manual Integrations
APPROVED

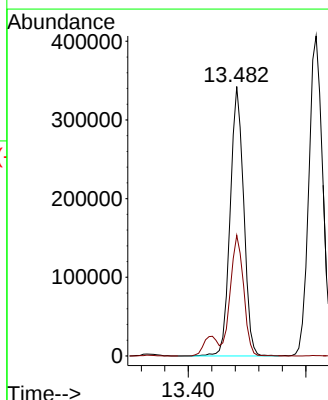
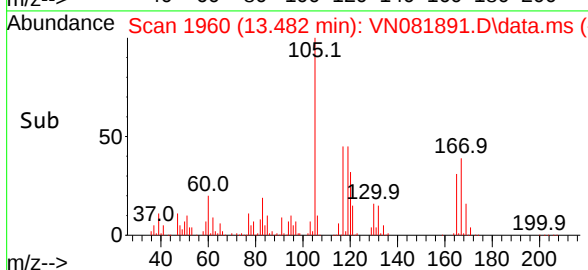
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

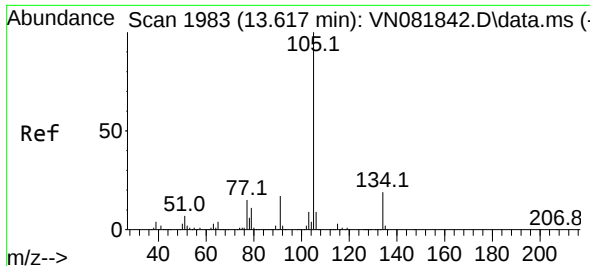


#84
1,2,4-Trimethylbenzene
Concen: 43.998 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



Tgt Ion:105 Resp: 545937
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.7





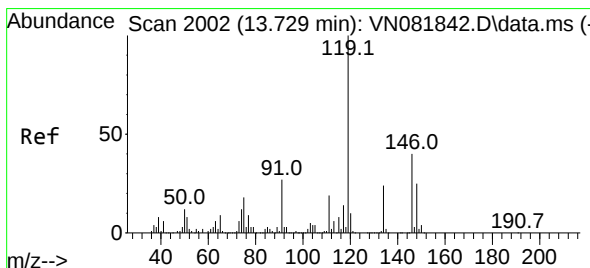
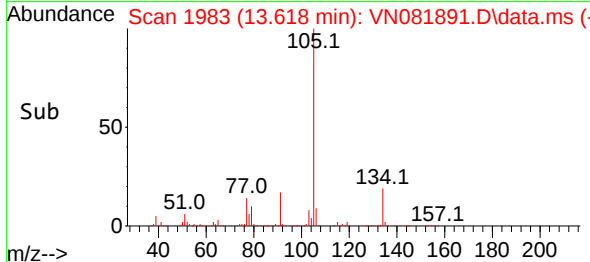
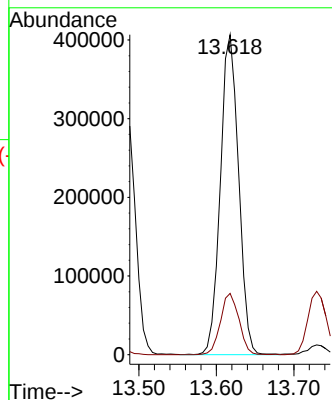
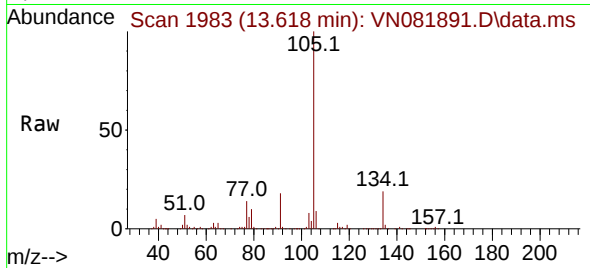
#85
 sec-Butylbenzene
 Concen: 45.714 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081891.D
 Acq: 26 Apr 2024 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 66628
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

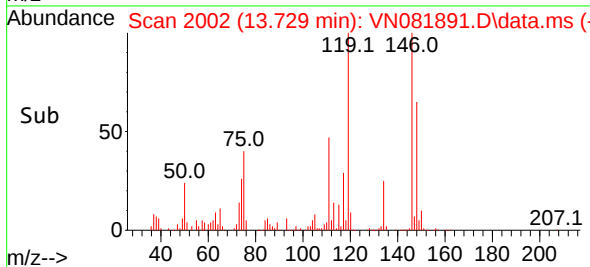
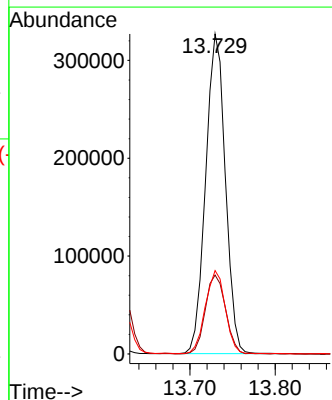
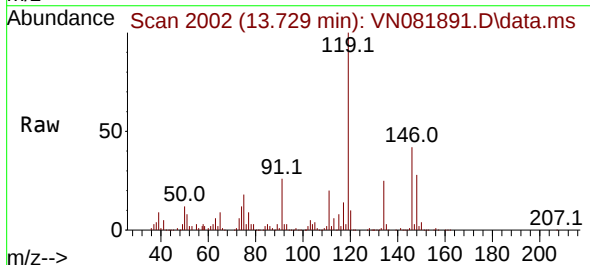
Manual Integrations
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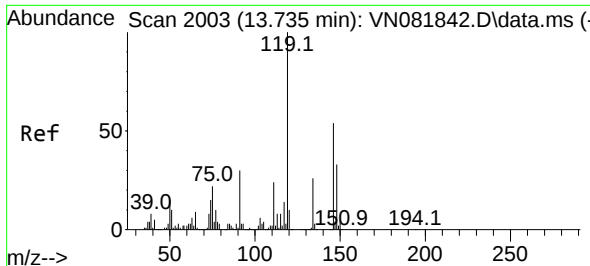
Reviewed By :John Carlone 04/29/2024
 Supervised By :Mahesh Dadoda 04/29/2024



#86
 p-Isopropyltoluene
 Concen: 44.816 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081891.D
 Acq: 26 Apr 2024 20:30

Tgt Ion:119 Resp: 524486
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 26.1 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 45.064 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

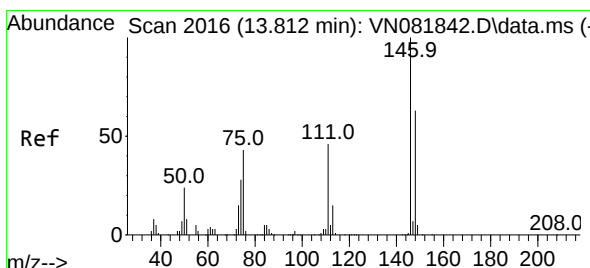
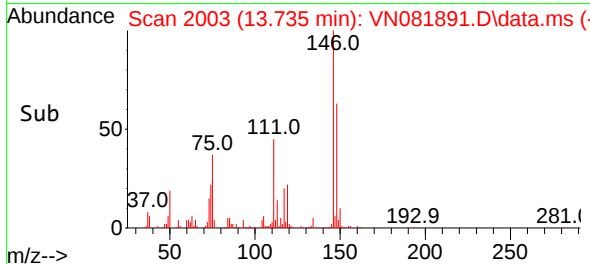
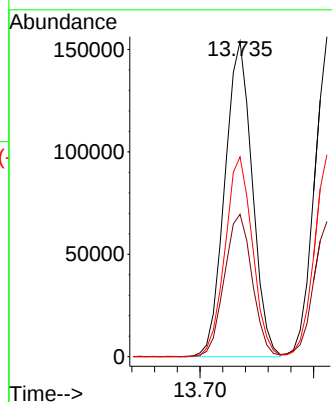
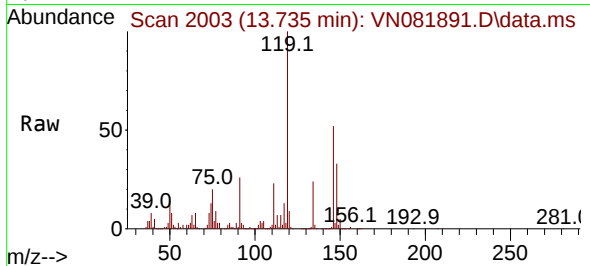
Tgt Ion:146 Resp: 258361
Ion Ratio Lower Upper
146 100
111 45.8 20.8 62.5
148 63.3 32.1 96.3

Manual Integrations

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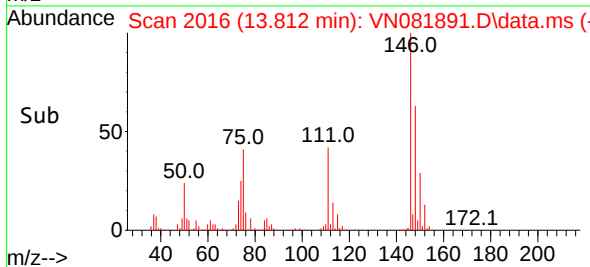
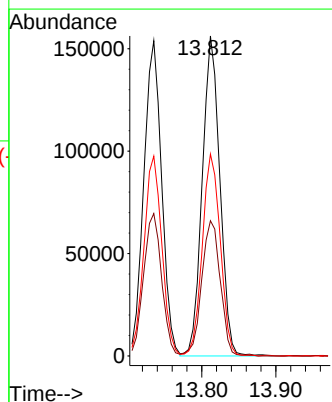
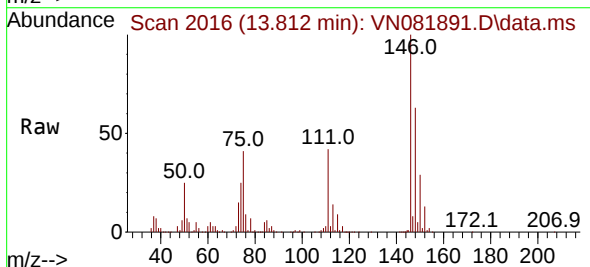
Reviewed By :John Carlone 04/29/2024

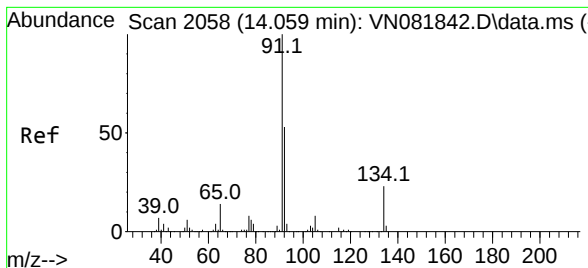
Supervised By :Mahesh Dadoda 04/29/2024



#88
1,4-Dichlorobenzene
Concen: 45.769 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Tgt Ion:146 Resp: 258402
Ion Ratio Lower Upper
146 100
111 44.5 19.3 57.9
148 64.5 31.3 93.9





#89

n-Butylbenzene

Concen: 45.083 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

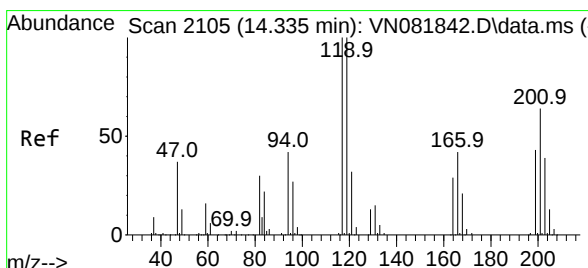
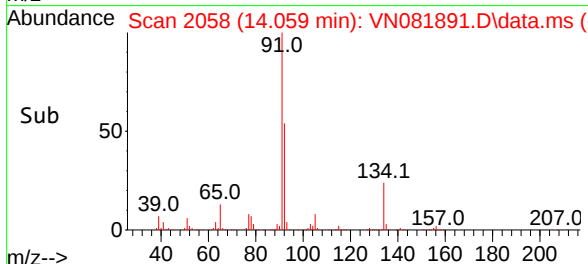
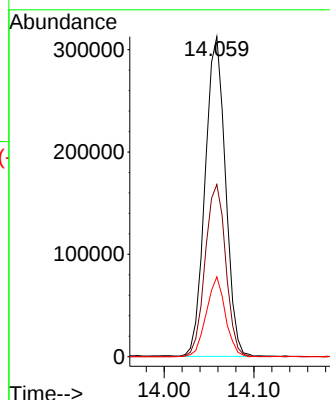
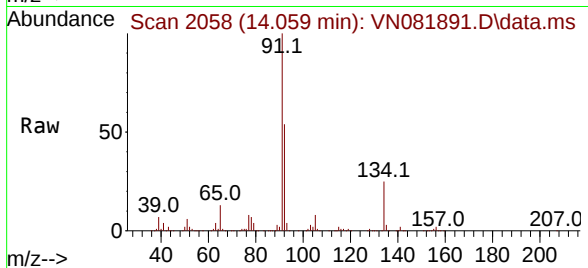
Tgt Ion: 91	Resp: 49110
Ion Ratio	Lower Upper
91	100
92	54.6 26.2 78.5
134	23.5 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#90

Hexachloroethane

Concen: 45.306 ug/l

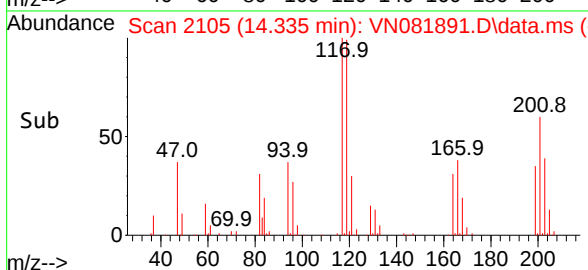
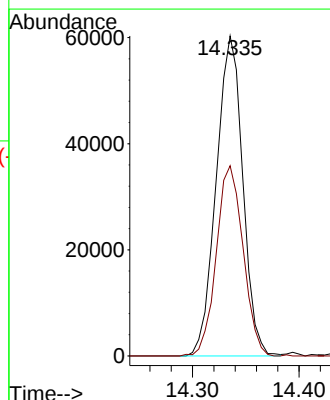
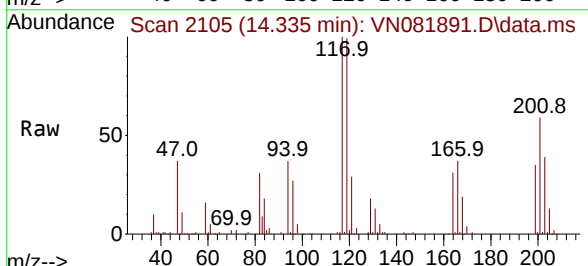
RT: 14.335 min Scan# 2105

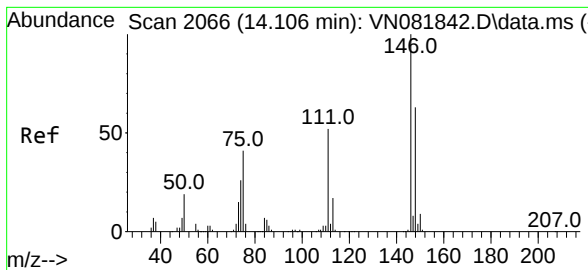
Delta R.T. 0.000 min

Lab File: VN081891.D

Acq: 26 Apr 2024 20:30

Tgt Ion:117	Resp: 104304
Ion Ratio	Lower Upper
117	100
201	59.9 33.3 99.8





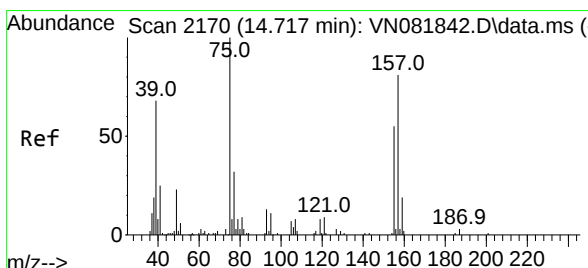
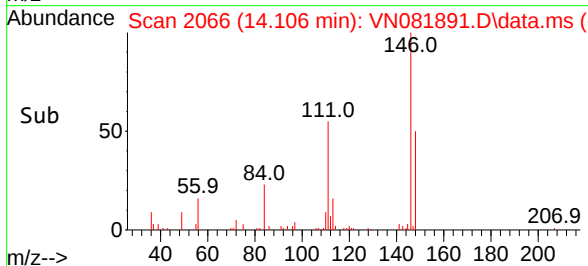
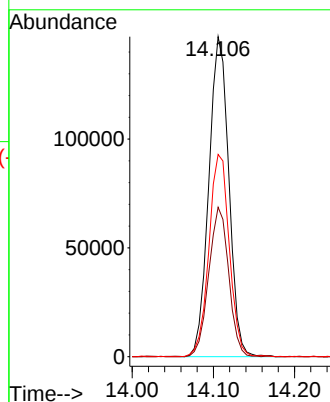
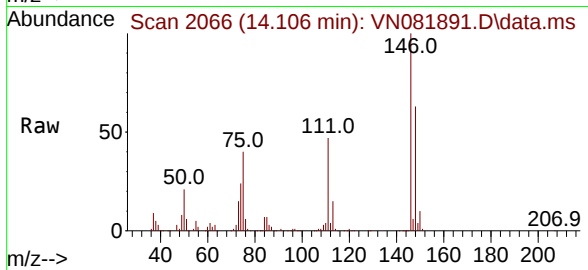
#91
1,2-Dichlorobenzene
Concen: 45.768 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 251549
Ion Ratio Lower Upper
146 100
111 46.6 21.3 64.0
148 64.6 31.8 95.4

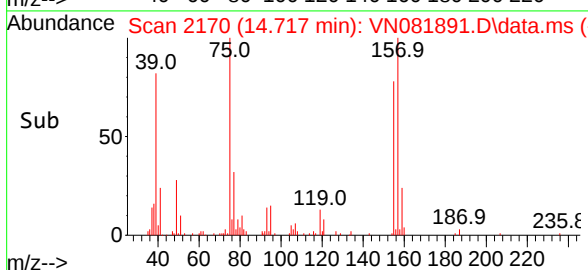
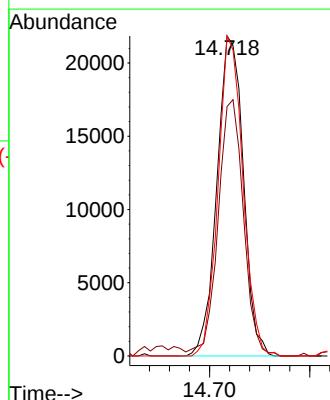
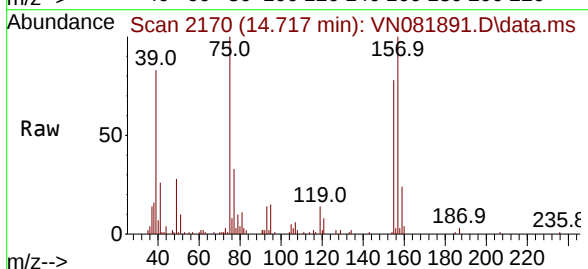
Manual Integrations
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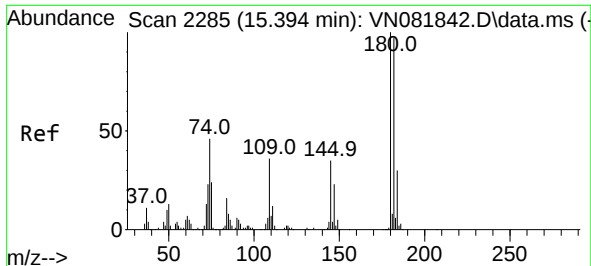
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 37.152 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

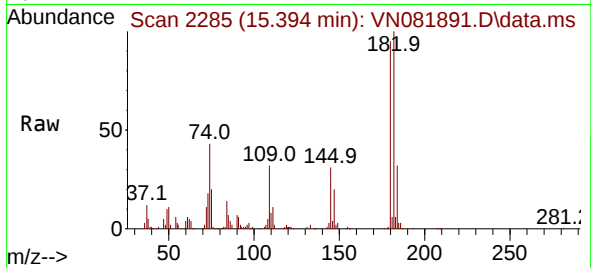
Tgt Ion: 75 Resp: 39883
Ion Ratio Lower Upper
75 100
155 77.1 42.6 128.0
157 94.1 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 43.874 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

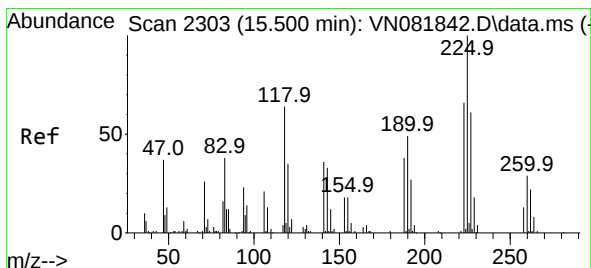
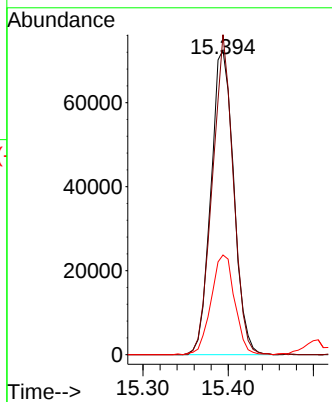
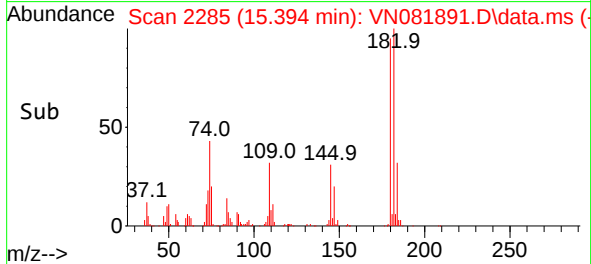
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



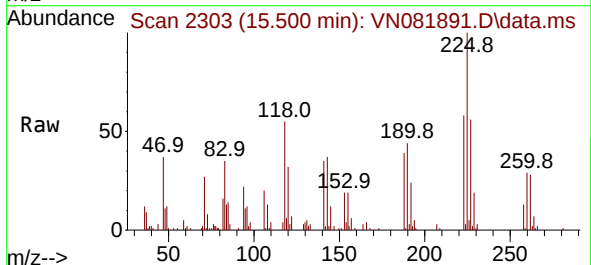
Tgt Ion:180 Resp: 134904
Ion Ratio Lower Upper
180 100
182 96.5 46.7 140.0
145 33.9 16.2 48.6

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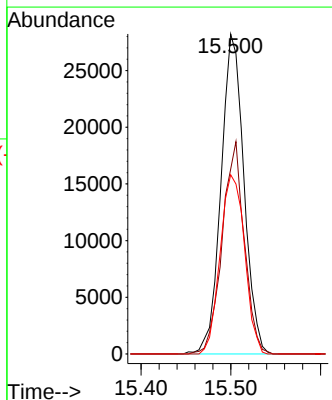
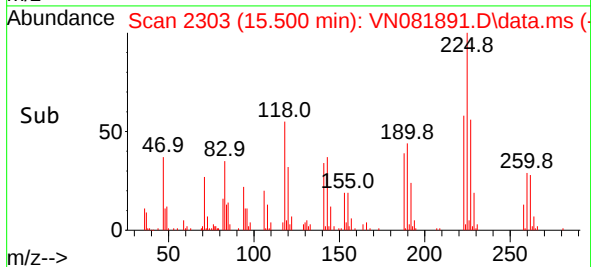
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

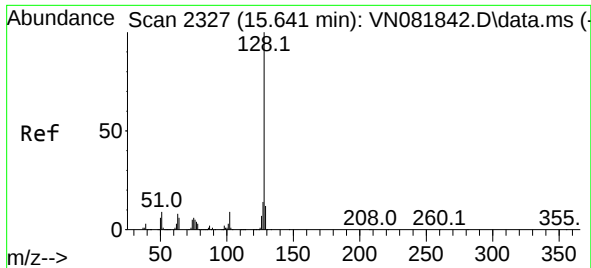


#94
Hexachlorobutadiene
Concen: 44.144 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



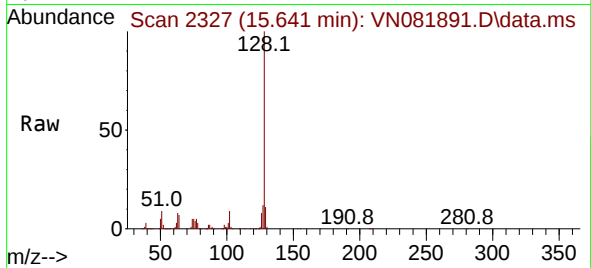
Tgt Ion:225 Resp: 50030
Ion Ratio Lower Upper
225 100
223 64.0 31.1 93.2
227 59.6 30.6 91.6





#95
Naphthalene
Concen: 44.593 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30

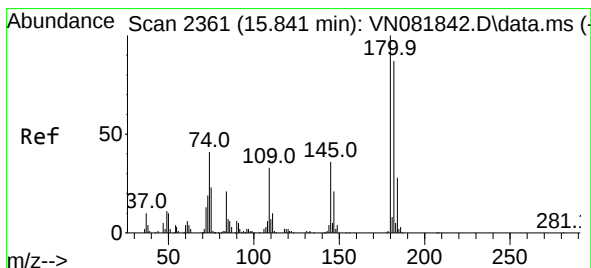
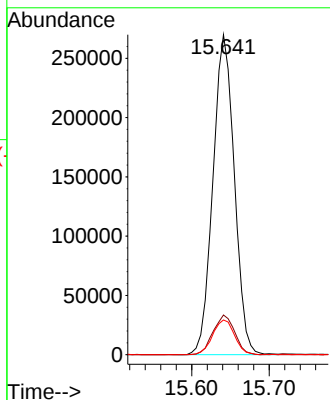
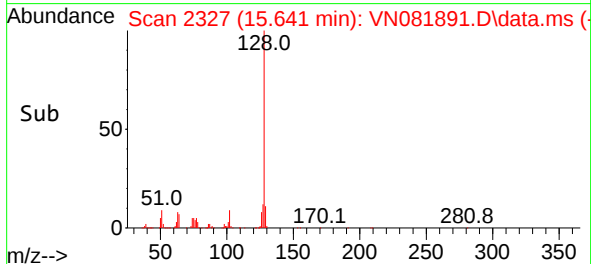
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



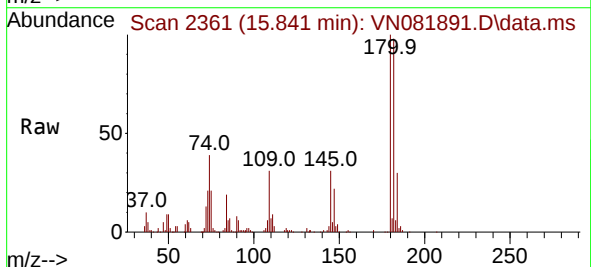
Tgt Ion:128 Resp: 518120
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.2 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.064 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081891.D
Acq: 26 Apr 2024 20:30



Tgt Ion:180 Resp: 138942
Ion Ratio Lower Upper
180 100
182 94.3 46.0 137.8
145 33.6 17.1 51.3

