

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078401.D
 Acq On : 13 Feb 2024 13:30
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 14 00:50:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 00:36:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	167167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	290231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	270342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	136108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80938	44.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.560%
35) Dibromofluoromethane	7.810	113	84431	45.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.600%
50) Toluene-d8	10.269	98	336540	45.633	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.260%
62) 4-Bromofluorobenzene	12.575	95	95752	44.616	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	84356	51.216	ug/l	100
3) Chloromethane	2.158	50	144792	47.835	ug/l	99
4) Vinyl Chloride	2.287	62	217075	46.997	ug/l	98
5) Bromomethane	2.693	94	143145	44.898	ug/l	100
6) Chloroethane	2.840	64	152054	45.146	ug/l	100
7) Trichlorofluoromethane	3.175	101	147454	47.325	ug/l	96
8) Diethyl Ether	3.599	74	38991	43.446	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	91559	46.580	ug/l	96
10) Methyl Iodide	4.169	142	85087	48.331	ug/l	91
11) Tert butyl alcohol	5.052	59	20858	212.058	ug/l #	93
12) 1,1-Dichloroethene	3.952	96	85590	46.967	ug/l	93
13) Acrolein	3.799	56	32072	192.070	ug/l	94
14) Allyl chloride	4.569	41	103738	46.080	ug/l	91
15) Acrylonitrile	5.258	53	86602	225.418	ug/l	99
16) Acetone	4.034	43	84801	242.887	ug/l #	83
17) Carbon Disulfide	4.275	76	280050	45.670	ug/l	96
18) Methyl Acetate	4.575	43	68622	52.215	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	175005	45.200	ug/l	99
20) Methylene Chloride	4.805	84	100824	49.192	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	99666	46.490	ug/l	93
22) Diisopropyl ether	6.222	45	232525	46.862	ug/l	95
23) Vinyl Acetate	6.163	43	441836	204.566	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	163064	46.390	ug/l	97
25) 2-Butanone	7.087	43	107060	232.851	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	140342	47.627	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	108501	46.130	ug/l	93
28) Bromochloromethane	7.428	49	69136	49.658	ug/l	81
29) Tetrahydrofuran	7.452	42	60263	224.191	ug/l	91
30) Chloroform	7.599	83	172267	46.320	ug/l	97
31) Cyclohexane	7.881	56	142699	46.671	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	147364	46.474	ug/l	98
36) 1,1-Dichloropropene	8.010	75	133855	46.737	ug/l	96
37) Ethyl Acetate	7.169	43	42084	41.918	ug/l	98
38) Carbon Tetrachloride	7.999	117	134130	47.291	ug/l	97
39) Methylcyclohexane	9.275	83	167711	49.326	ug/l	94
40) Benzene	8.252	78	388506	46.931	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	24291	46.490	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	94489	44.113	ug/l	96
43) Isopropyl Acetate	8.363	43	84912	45.674	ug/l	95
44) Trichloroethene	9.034	130	98659	46.715	ug/l	95
45) 1,2-Dichloropropane	9.304	63	92317	45.452	ug/l	91
46) Dibromomethane	9.399	93	51468	45.051	ug/l	90
47) Bromodichloromethane	9.587	83	131796	46.577	ug/l #	99
48) Methyl methacrylate	9.381	41	49774	50.465	ug/l #	79
49) 1,4-Dioxane	9.393	88	10820	874.552	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	221659	224.645	ug/l	93
52) Toluene	10.334	92	247462	47.271	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	120577	46.700	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	144098	46.026	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	69478	45.160	ug/l	94
56) Ethyl methacrylate	10.598	69	56107	39.432	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	117133	44.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	212451	253.478	ug/l	95
59) 2-Hexanone	10.922	43	160467	216.402	ug/l	90
60) Dibromochloromethane	11.075	129	84482	45.639	ug/l	96
61) 1,2-Dibromoethane	11.181	107	66899	46.318	ug/l	99
64) Tetrachloroethene	10.810	164	79763	46.712	ug/l	91
65) Chlorobenzene	11.610	112	251706	46.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	91712	45.918	ug/l	98
67) Ethyl Benzene	11.687	91	470862	48.353	ug/l	96
68) m/p-Xylenes	11.793	106	375906	98.962	ug/l	94
69) o-Xylene	12.122	106	167283	48.259	ug/l	94
70) Styrene	12.140	104	256172	45.282	ug/l	97
71) Bromoform	12.298	173	46235	43.980	ug/l #	100
73) Isopropylbenzene	12.422	105	449116	49.140	ug/l	96
74) N-amyl acetate	12.234	43	74987	43.369	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	78548	43.326	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	94792	81.821	ug/l #	100
77) Bromobenzene	12.704	156	100387	46.737	ug/l	89
78) n-propylbenzene	12.763	91	553555	48.602	ug/l	95
79) 2-Chlorotoluene	12.851	91	288992	47.374	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	370796	48.859	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	24957	44.838	ug/l	97
82) 4-Chlorotoluene	12.951	91	310254	47.354	ug/l	95
83) tert-Butylbenzene	13.169	119	316270	49.415	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	382182	49.620	ug/l	96
85) sec-Butylbenzene	13.345	105	477546	48.111	ug/l	96
86) p-Isopropyltoluene	13.463	119	428025	50.628	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	217193	47.378	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	209576	46.527	ug/l	99
89) n-Butylbenzene	13.792	91	410812	50.414	ug/l	97
90) Hexachloroethane	14.057	117	80674	46.427	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	178788	46.443	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10581	44.573	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	108712	48.051	ug/l	96
94) Hexachlorobutadiene	15.204	225	57407	48.613	ug/l	98
95) Naphthalene	15.334	128	194827	46.429	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	91961	47.961	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 00:36:44 2024
Response via : Initial Calibration

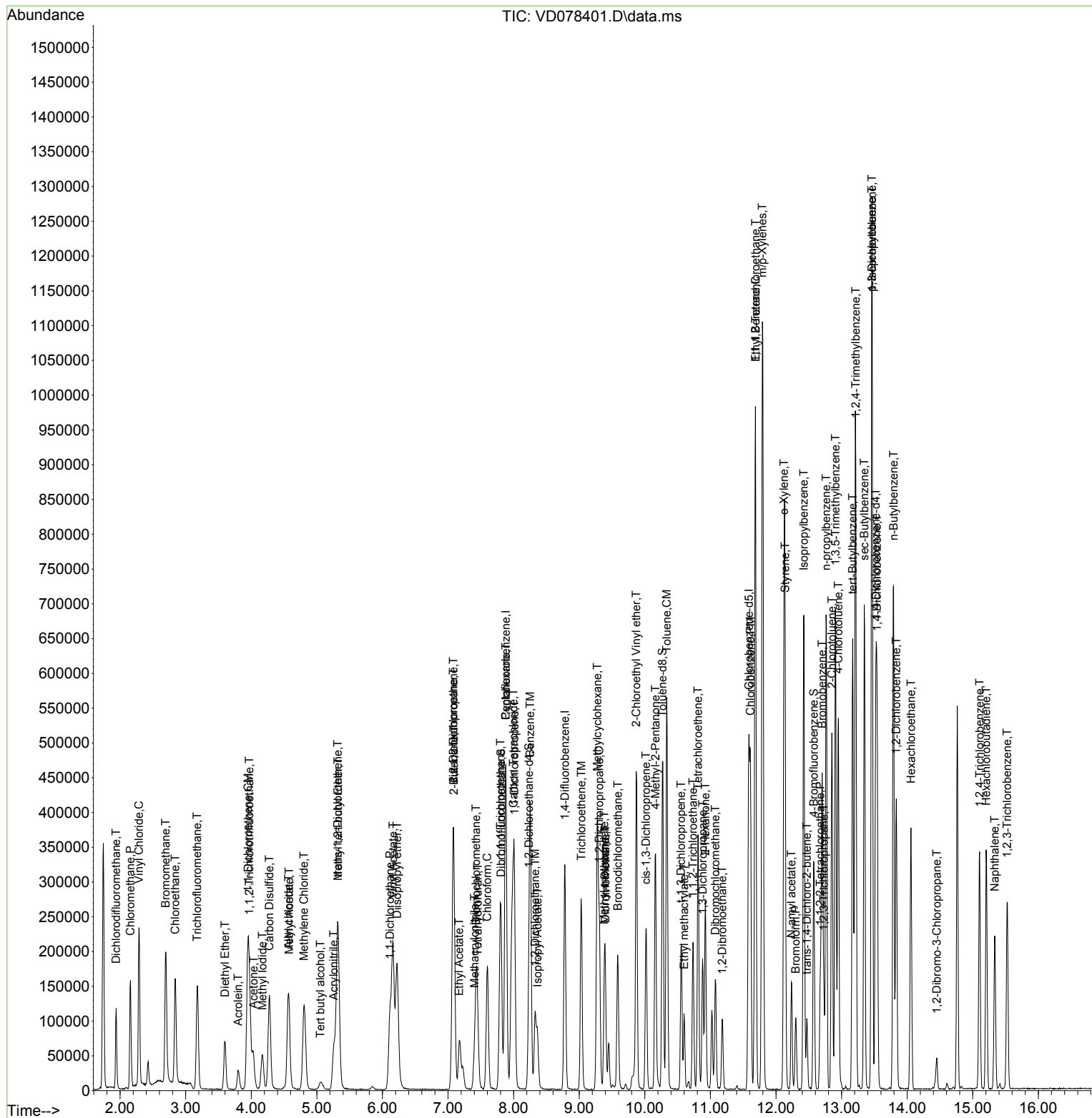
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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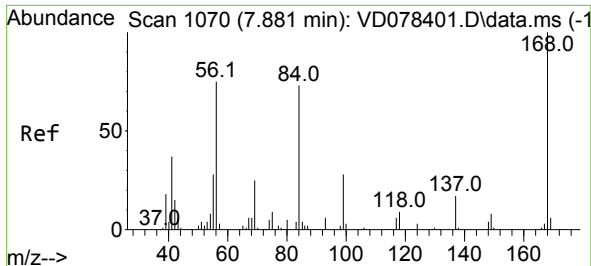
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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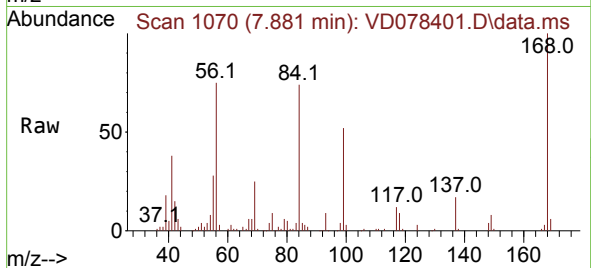
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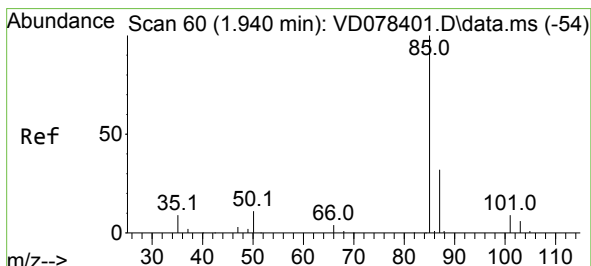
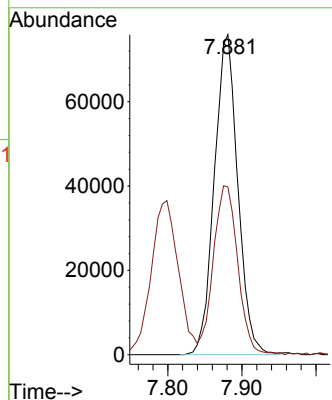
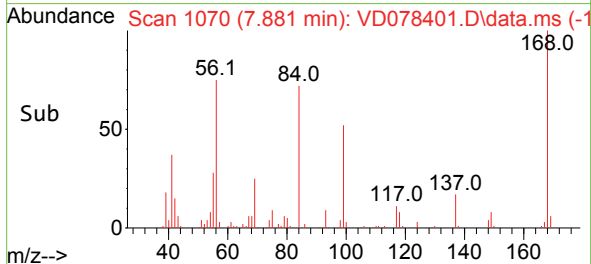


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
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ClientSampleId :

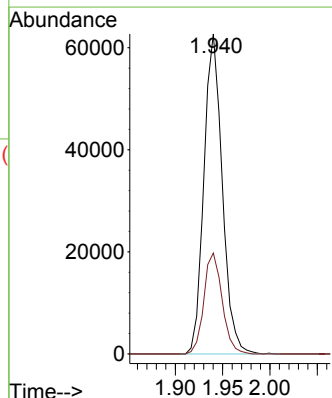
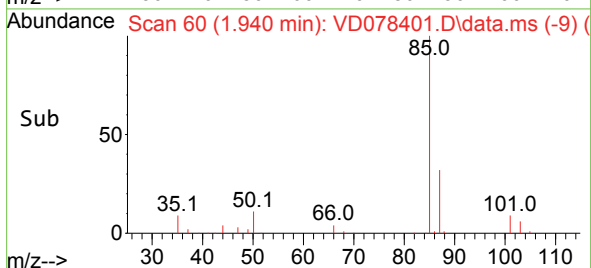
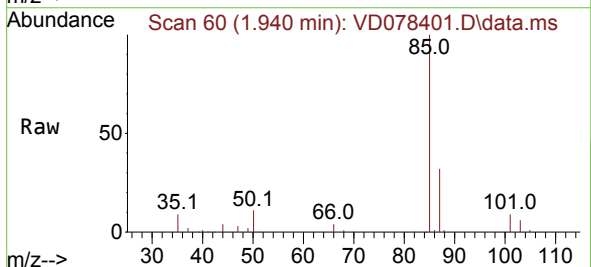


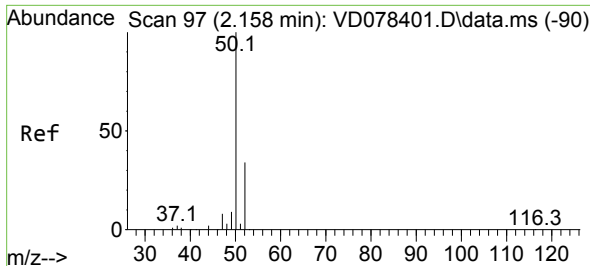
Tgt Ion:168 Resp: 167167
Ion Ratio Lower Upper
168 100
99 51.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 51.216 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 85 Resp: 84356
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0

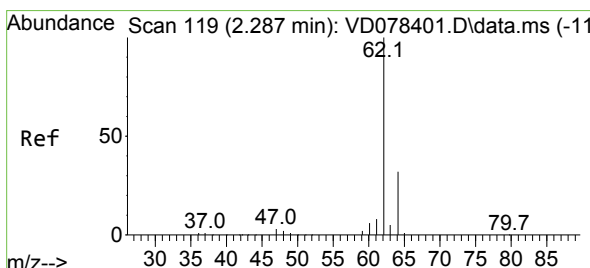
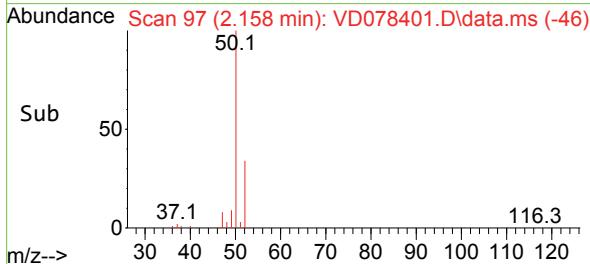
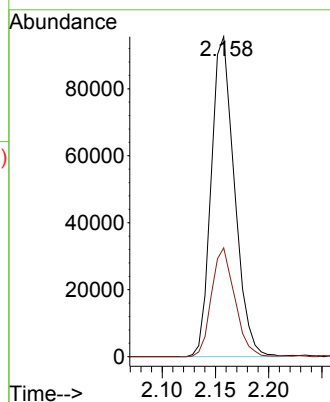
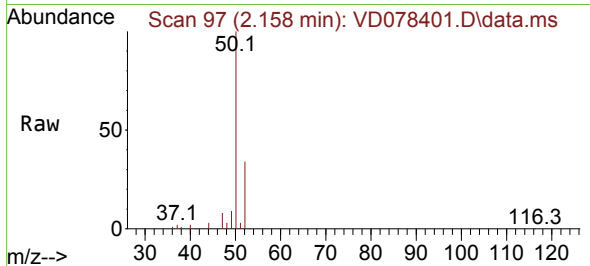




#3
Chloromethane
Concen: 47.835 ug/l
RT: 2.158 min Scan# 97
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

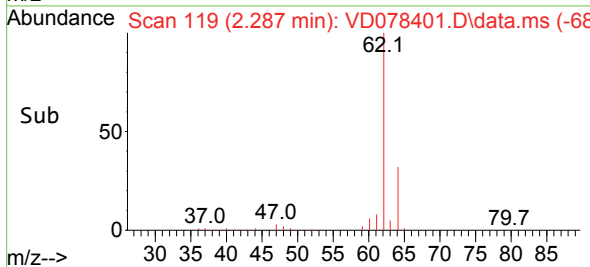
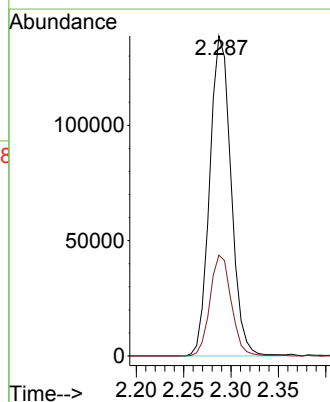
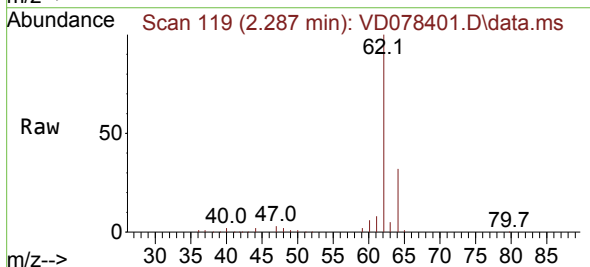
Instrument :
MSVOA_D
ClientSampleId :

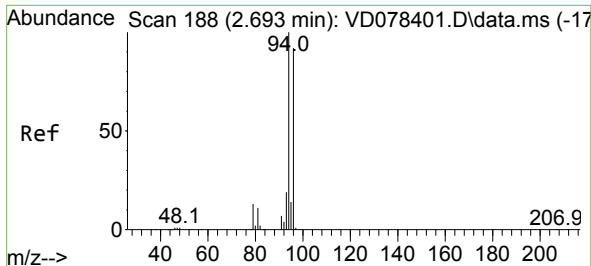
Tgt Ion: 50 Resp: 144792
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0



#4
Vinyl Chloride
Concen: 46.997 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 62 Resp: 217075
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0

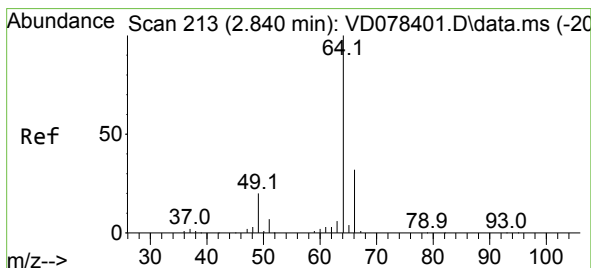
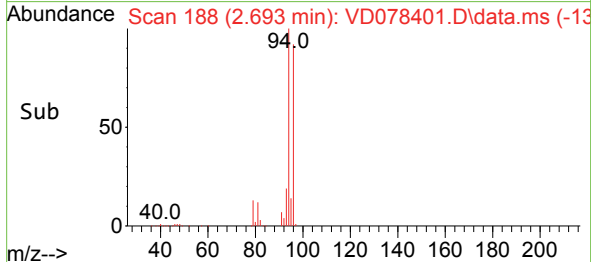
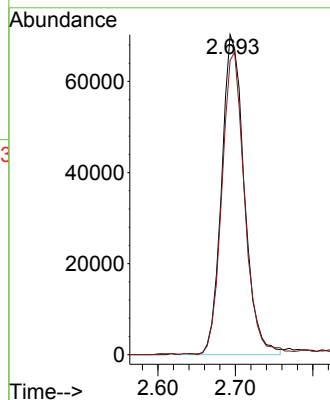
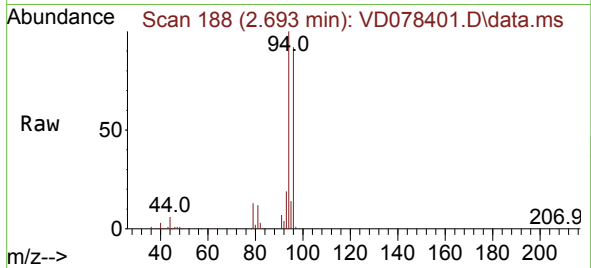




#5
Bromomethane
Concen: 44.898 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

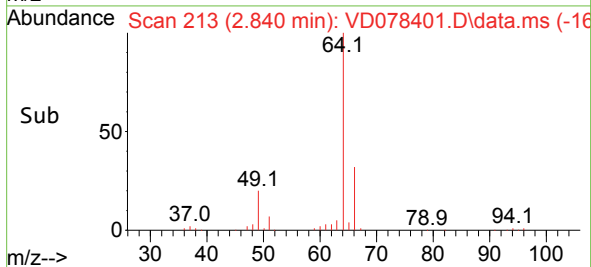
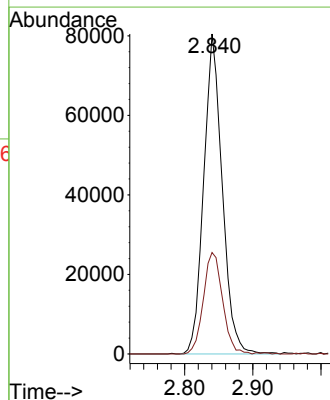
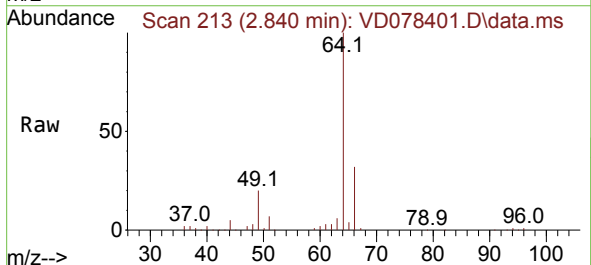
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 143145
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.8



#6
Chloroethane
Concen: 45.146 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

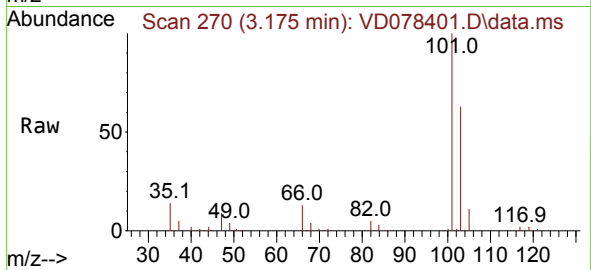
Tgt Ion: 64 Resp: 152054
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3



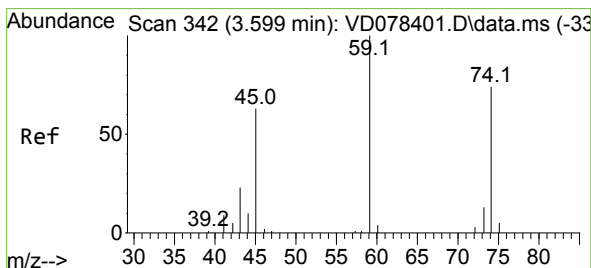
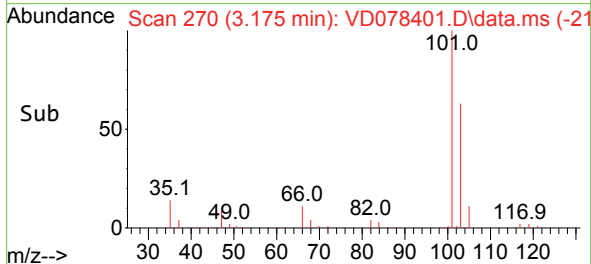
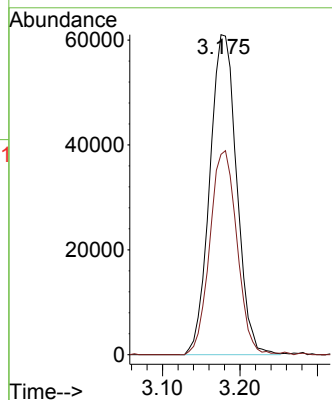


#7
 Trichlorofluoromethane
 Concen: 47.325 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

Instrument :
 MSVOA_D
 ClientSampleId :

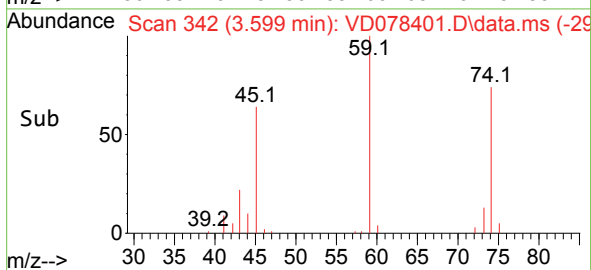
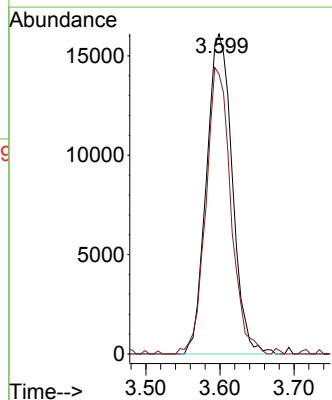
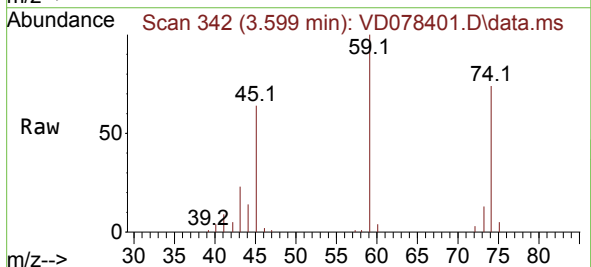


Tgt Ion:101 Resp: 147454
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 43.446 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

Tgt Ion: 74 Resp: 38991
 Ion Ratio Lower Upper
 74 100
 45 86.5 37.5 112.7

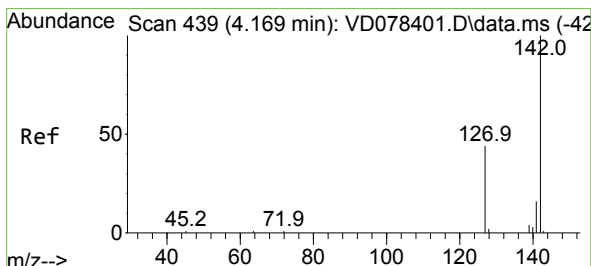
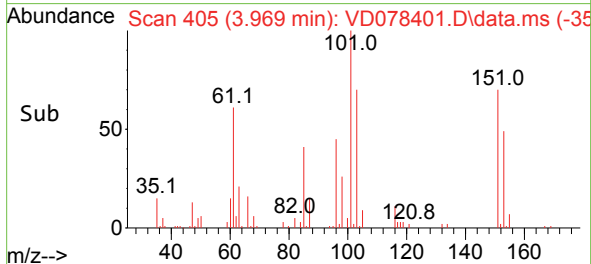
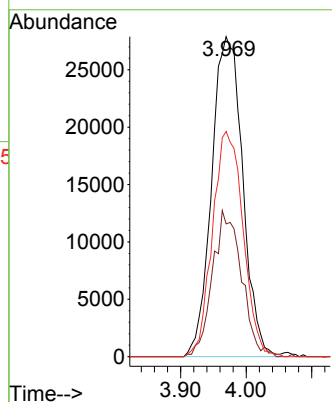
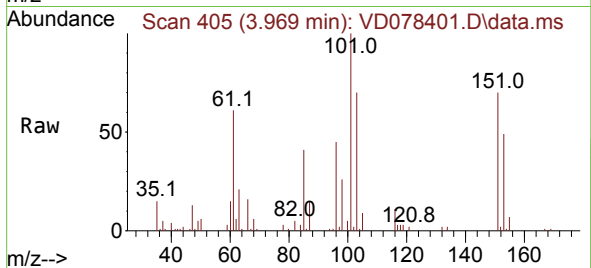




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.580 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078401.D
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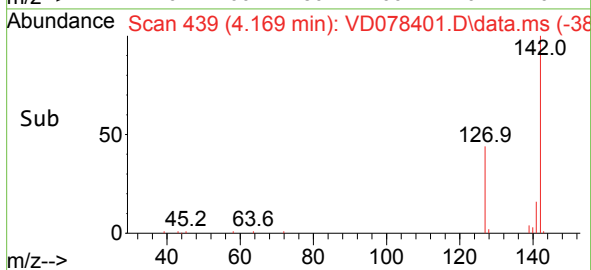
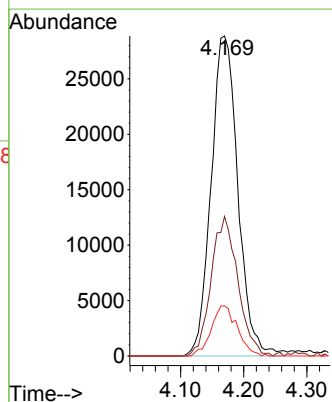
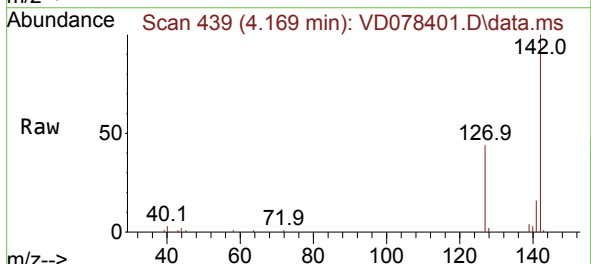
Instrument :
MSVOA_D
ClientSampleId :

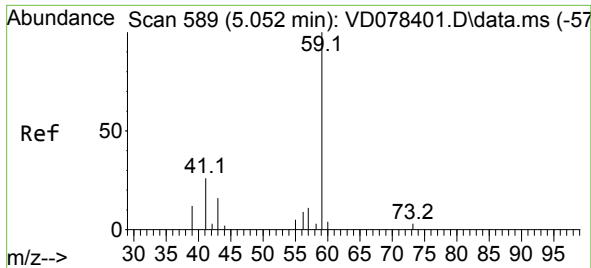
Tgt Ion:101 Resp: 91559
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 69.5 59.8 89.6



#10
Methyl Iodide
Concen: 48.331 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:142 Resp: 85087
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 15.3 11.1 16.7

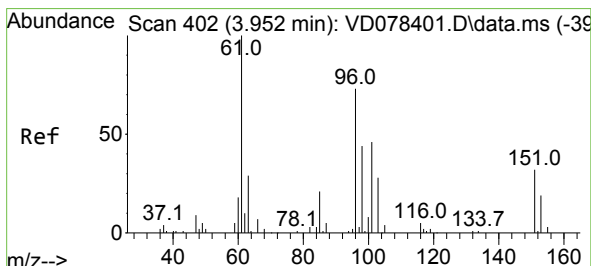
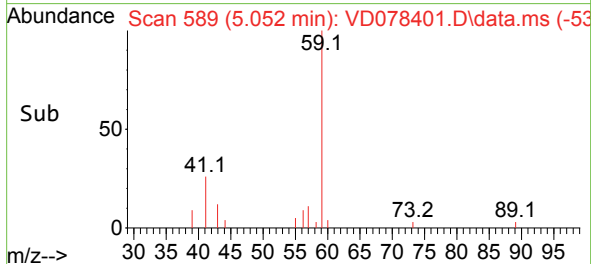
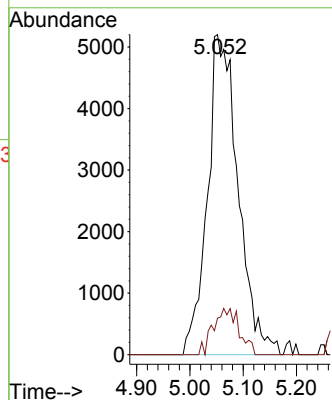
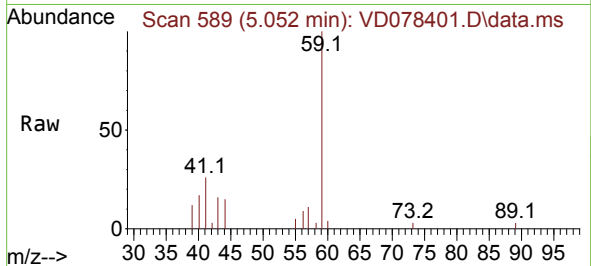




#11
Tert butyl alcohol
Concen: 212.058 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

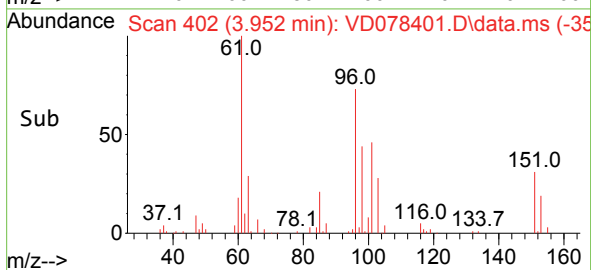
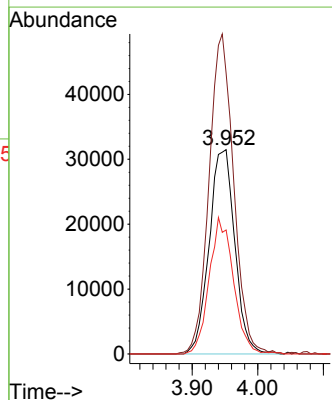
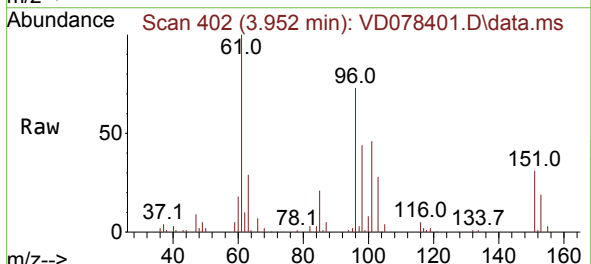
Instrument :
MSVOA_D
ClientSampleId :

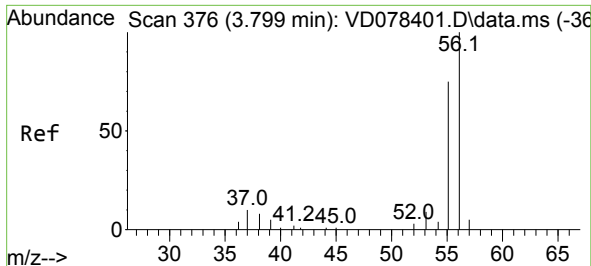
Tgt Ion: 59 Resp: 20858
Ion Ratio Lower Upper
59 100
57 12.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 46.967 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 96 Resp: 85590
Ion Ratio Lower Upper
96 100
61 136.8 100.6 150.8
98 60.7 50.2 75.2





#13

Acrolein

Concen: 192.070 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

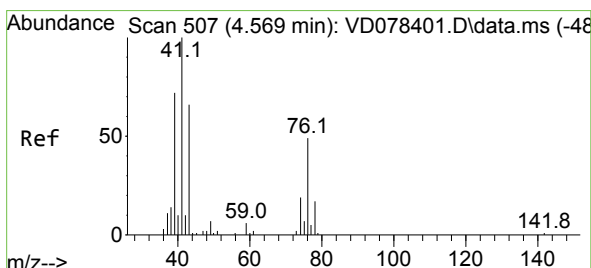
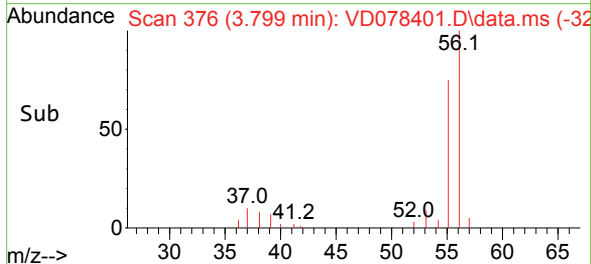
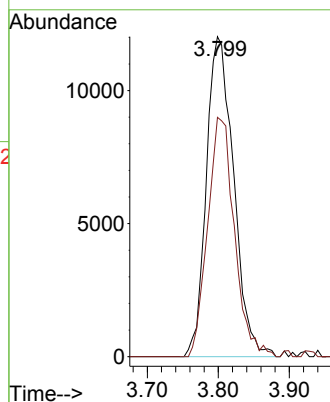
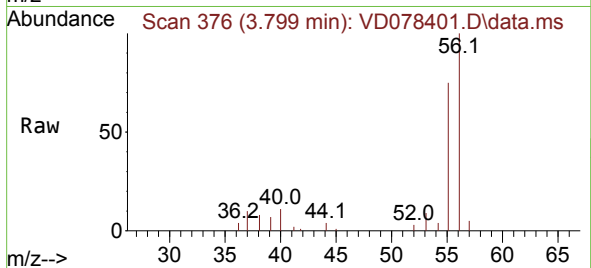
ClientSampleId :

Tgt Ion: 56 Resp: 32072

Ion Ratio Lower Upper

56 100

55 73.5 55.1 82.7



#14

Allyl chloride

Concen: 46.080 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

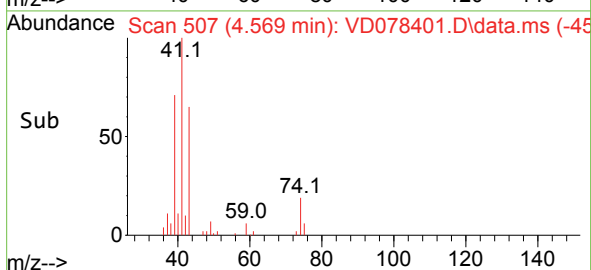
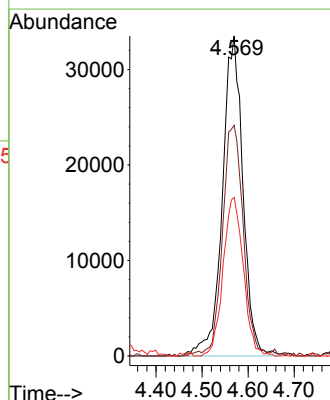
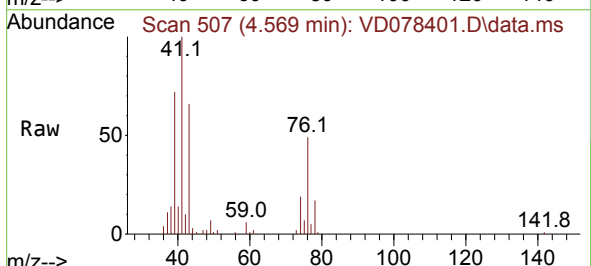
Tgt Ion: 41 Resp: 103738

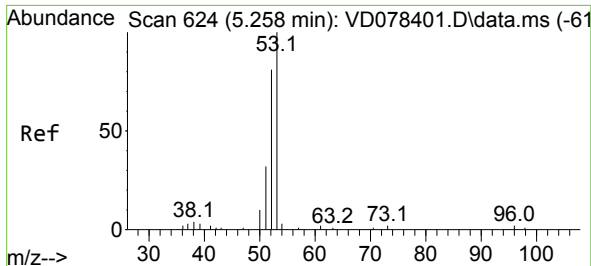
Ion Ratio Lower Upper

41 100

39 72.8 53.8 80.6

76 48.7 45.8 68.8

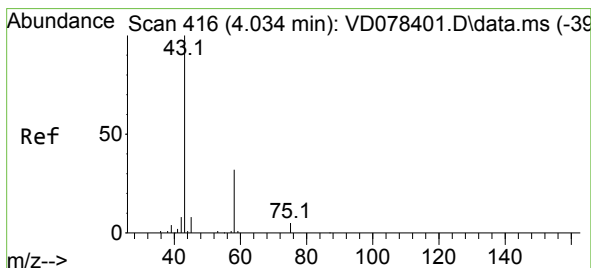
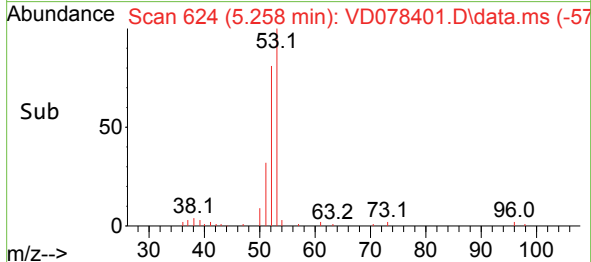
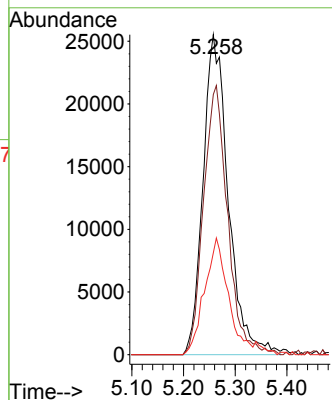
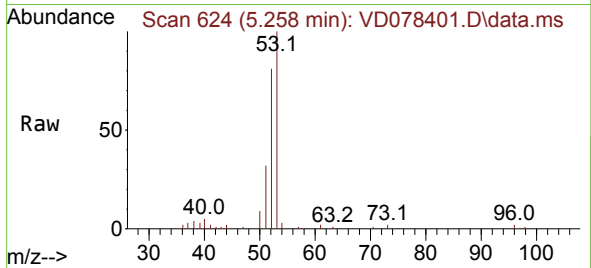




#15
Acrylonitrile
Concen: 225.418 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

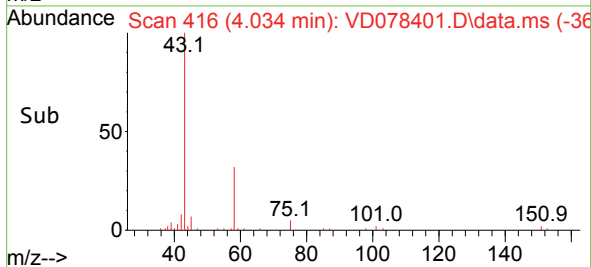
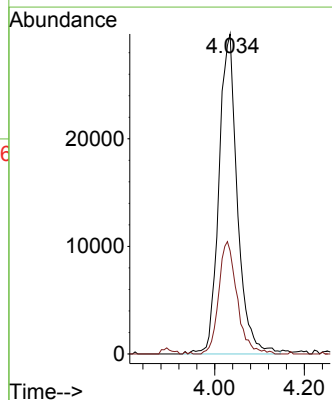
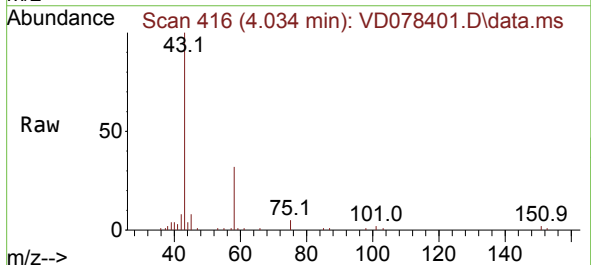
Instrument :
MSVOA_D
ClientSampleId :

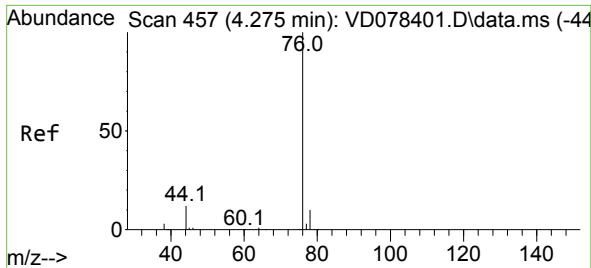
Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.0	97.4
51	34.2	28.3	42.5



#16
Acetone
Concen: 242.887 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.2	34.7	52.1#

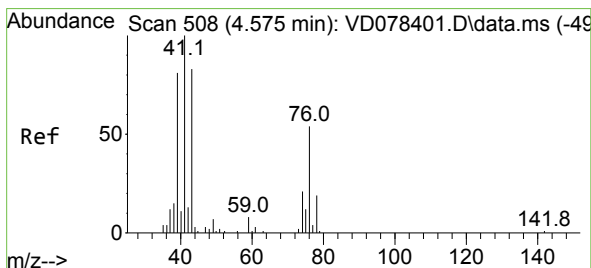
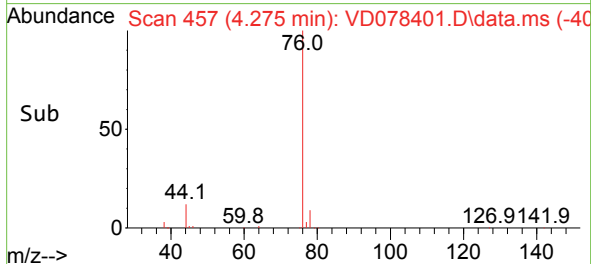
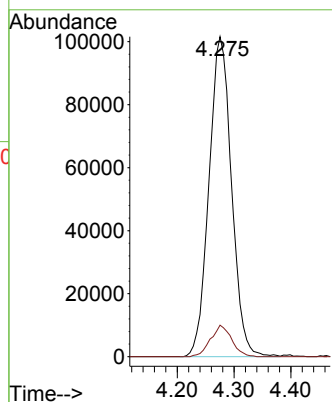
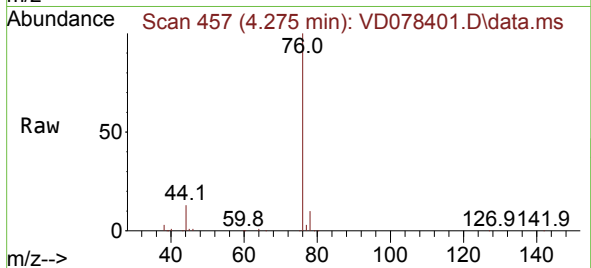




#17
Carbon Disulfide
Concen: 45.670 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

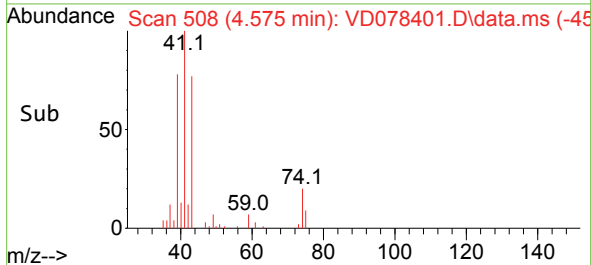
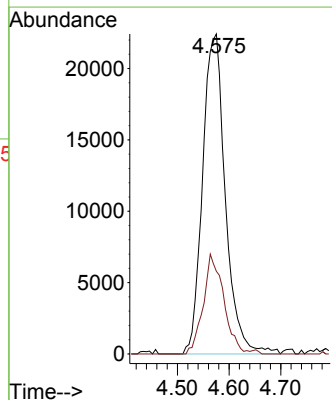
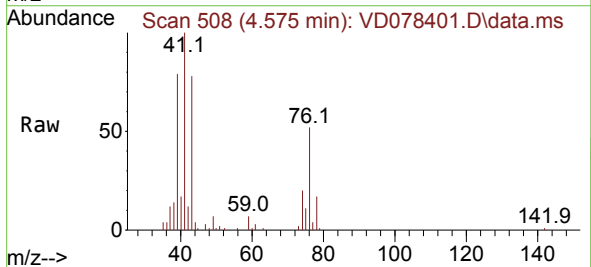
Instrument :
MSVOA_D
ClientSampleId :

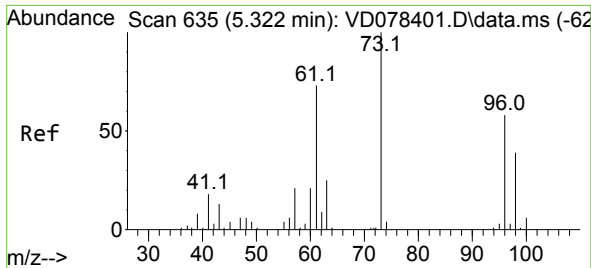
Tgt Ion: 76 Resp: 280050
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 52.215 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 43 Resp: 68622
Ion Ratio Lower Upper
43 100
74 28.1 26.4 39.6

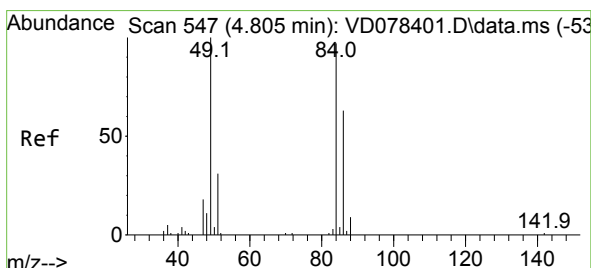
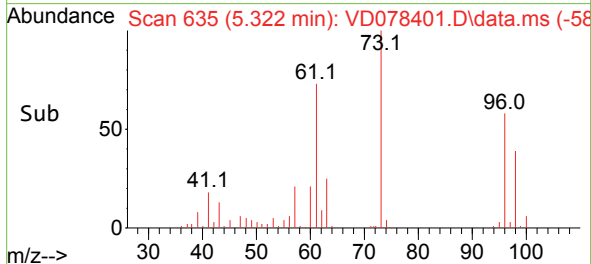
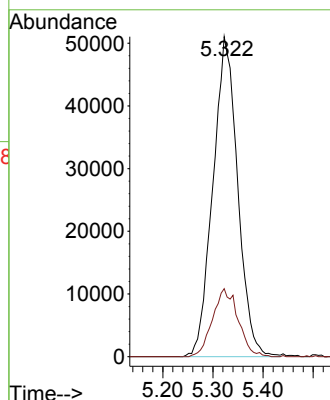
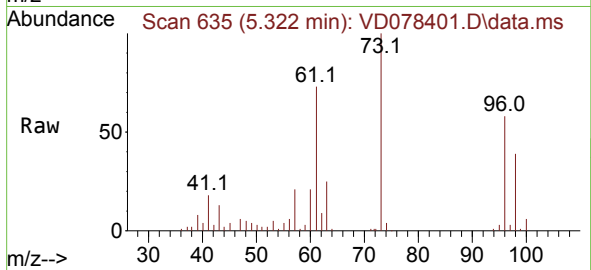




#19
Methyl tert-butyl Ether
Concen: 45.200 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

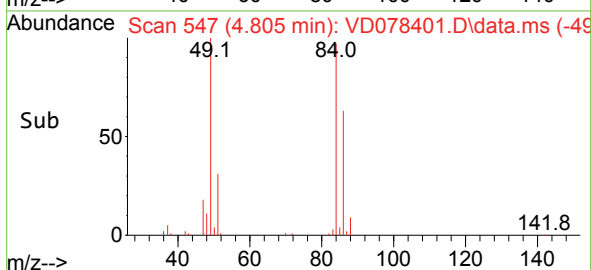
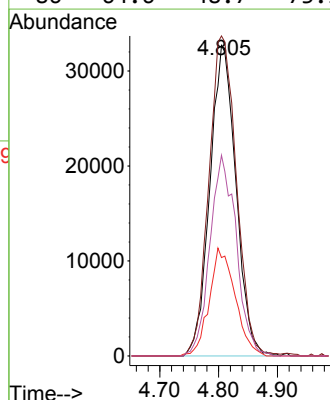
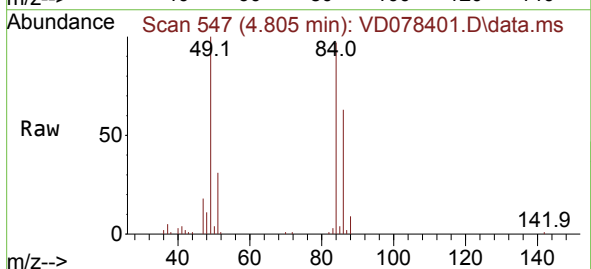
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 175005
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0



#20
Methylene Chloride
Concen: 49.192 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

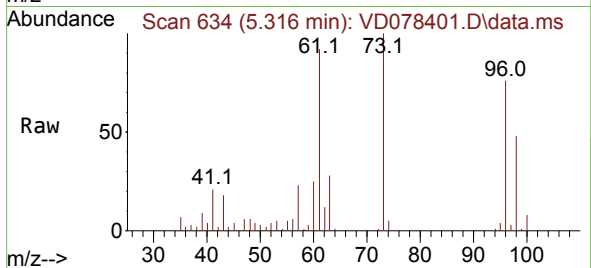
Tgt Ion: 84 Resp: 100824
Ion Ratio Lower Upper
84 100
49 103.1 71.4 107.2
51 31.7 24.5 36.7
86 64.6 48.7 73.1



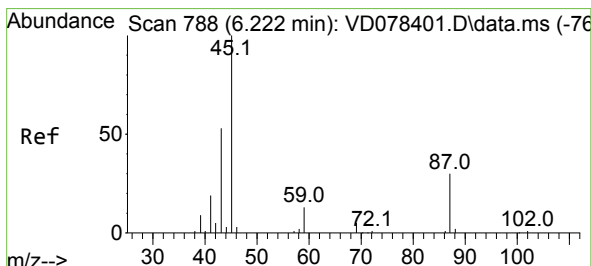
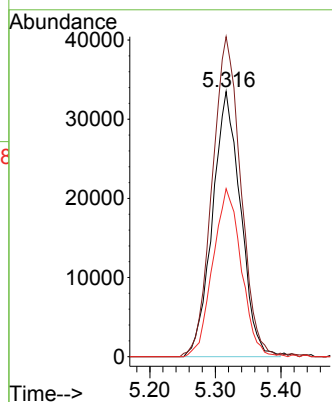
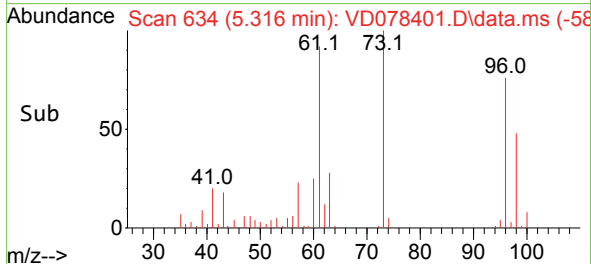


#21
trans-1,2-Dichloroethene
Concen: 46.490 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

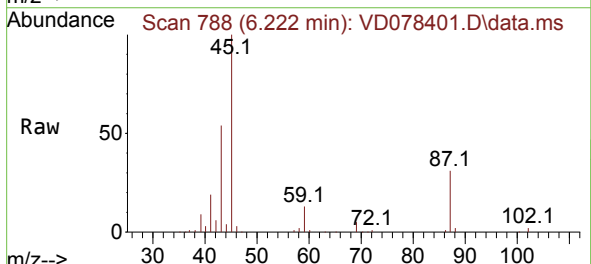
Instrument :
MSVOA_D
ClientSampleId :



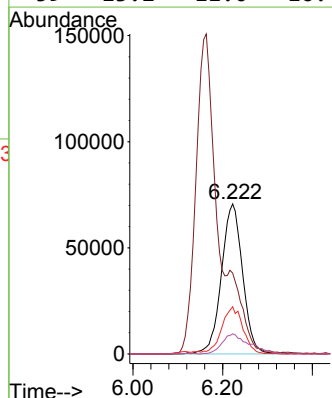
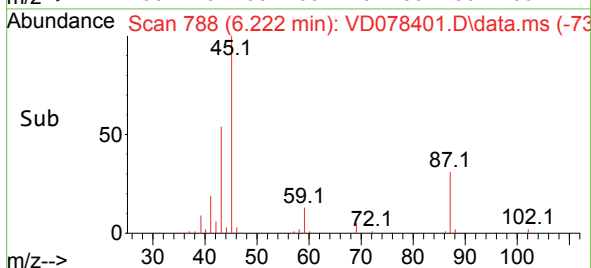
Tgt Ion:	96	Resp:	99666
Ion	Ratio	Lower	Upper
96	100		
61	120.7	89.3	133.9
98	63.3	48.6	73.0

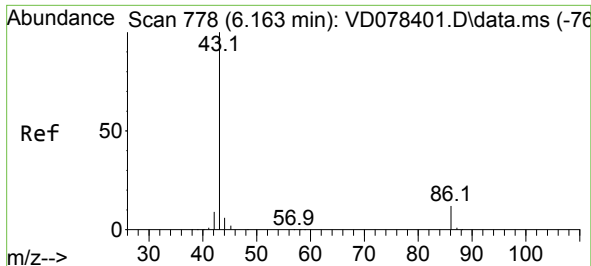


#22
Diisopropyl ether
Concen: 46.862 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30



Tgt Ion:	45	Resp:	232525
Ion	Ratio	Lower	Upper
45	100		
43	53.1	40.0	60.0
87	31.5	28.2	42.4
59	13.2	11.0	16.4

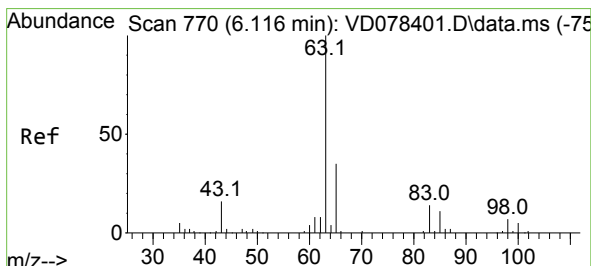
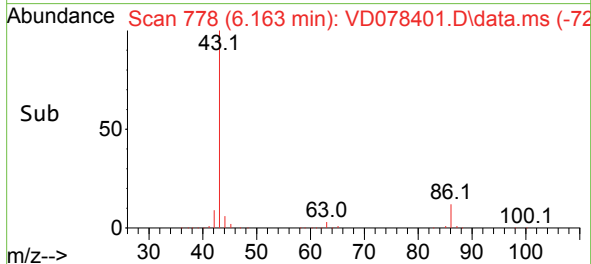
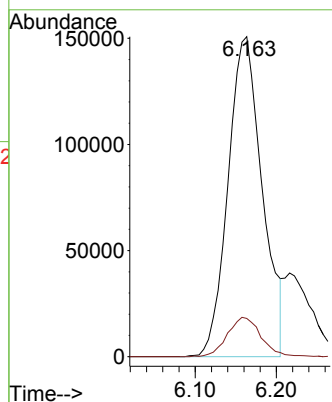
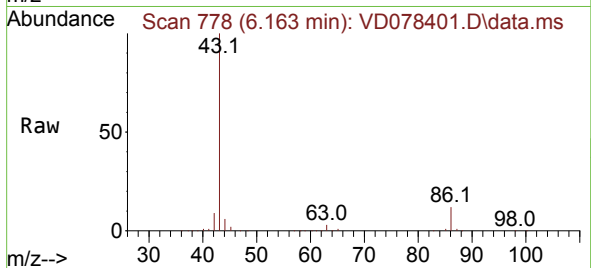




#23
 Vinyl Acetate
 Concen: 204.566 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

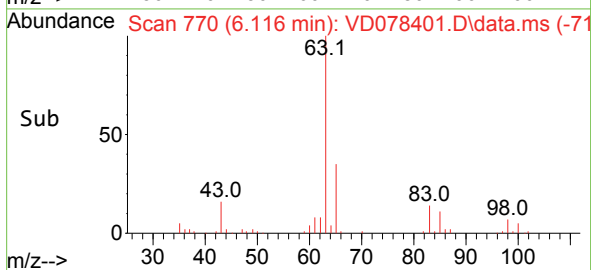
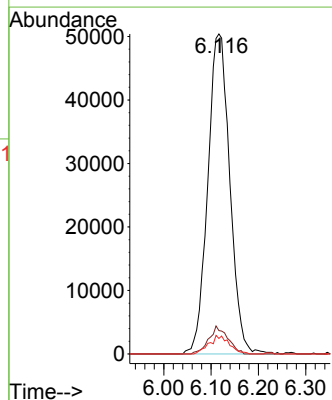
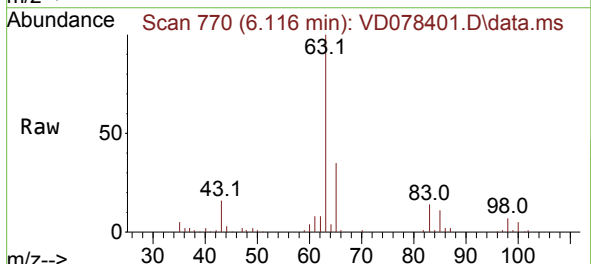
Instrument :
 MSVOA_D
 ClientSampleId :

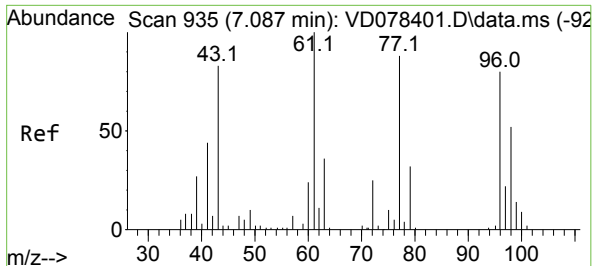
Tgt Ion: 43 Resp: 441836
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 46.390 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

Tgt Ion: 63 Resp: 163064
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 4.8 2.5 7.5

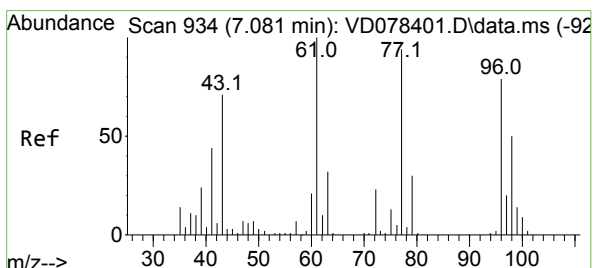
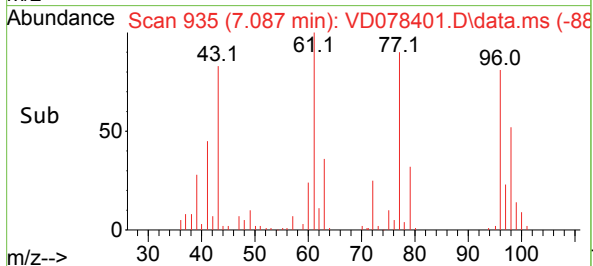
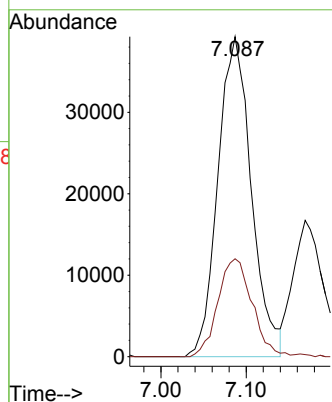
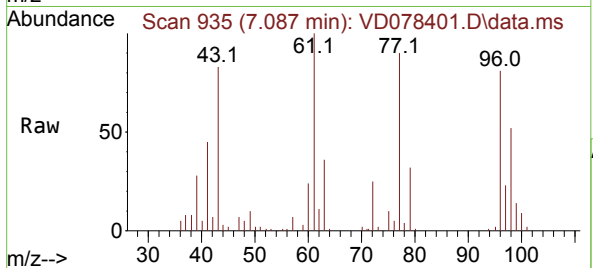




#25
2-Butanone
Concen: 232.851 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

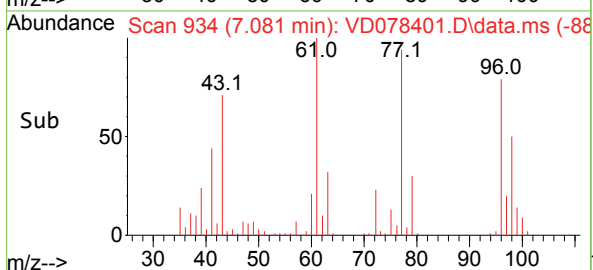
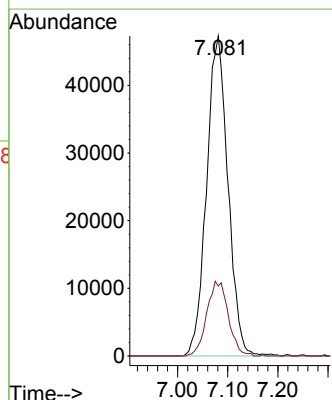
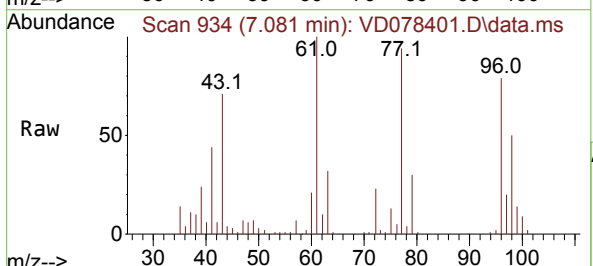
Instrument :
MSVOA_D
ClientSampleId :

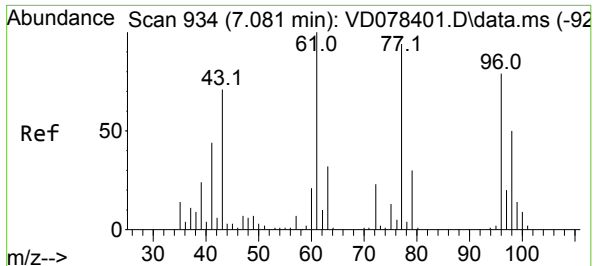
Tgt Ion: 43 Resp: 107060
Ion Ratio Lower Upper
43 100
72 30.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 47.627 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 77 Resp: 140342
Ion Ratio Lower Upper
77 100
97 23.4 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 46.130 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

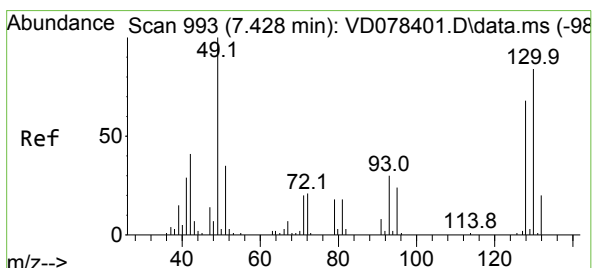
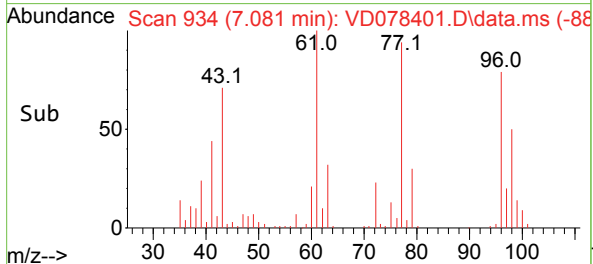
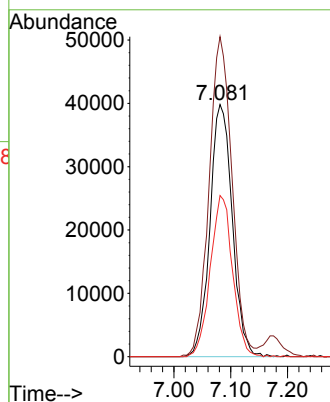
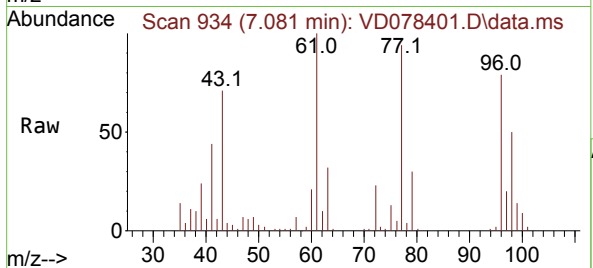
Tgt Ion: 96 Resp: 108501

Ion Ratio Lower Upper

96 100

61 130.5 0.0 239.2

98 63.5 0.0 128.6



#28

Bromochloromethane

Concen: 49.658 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

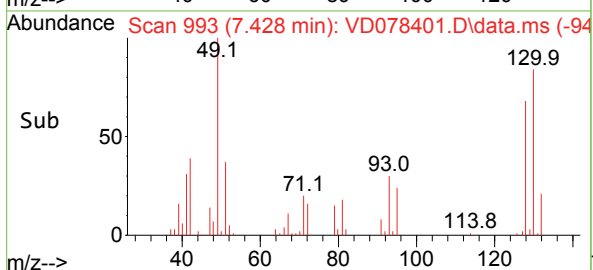
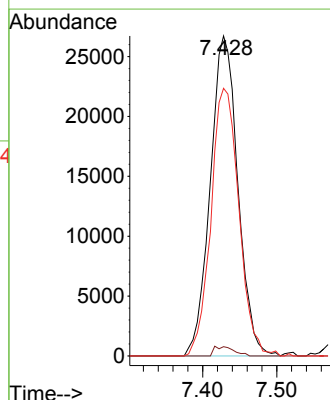
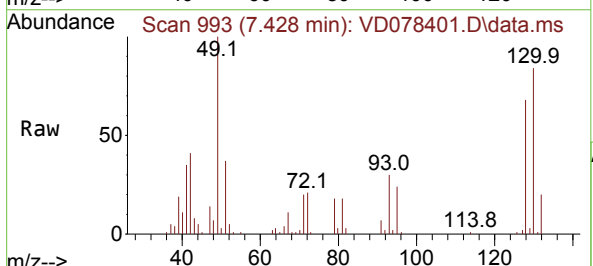
Tgt Ion: 49 Resp: 69136

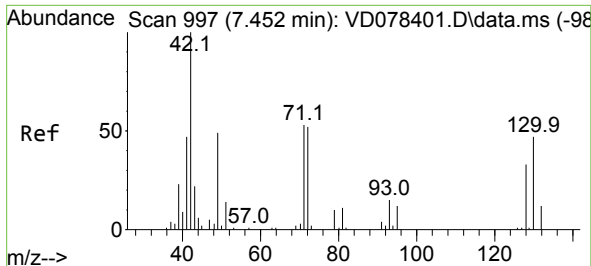
Ion Ratio Lower Upper

49 100

129 2.1 0.0 6.0

130 84.5 83.2 124.8

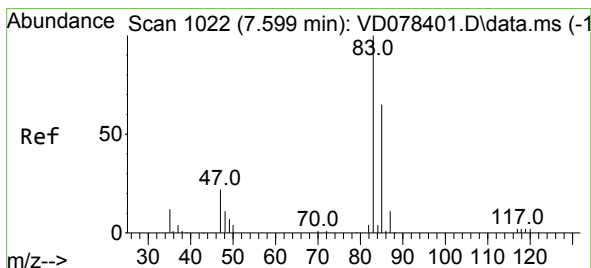
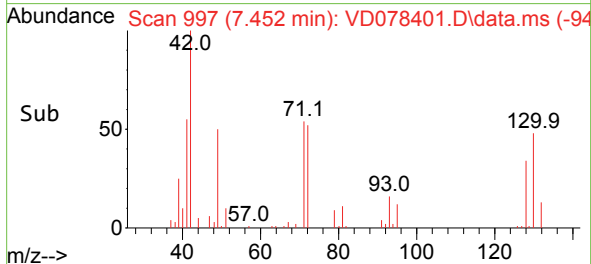
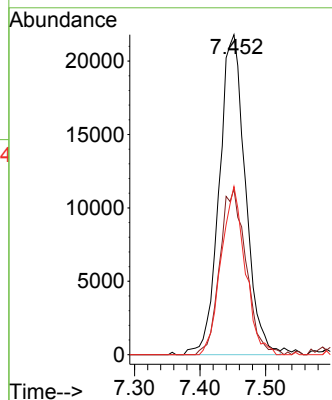
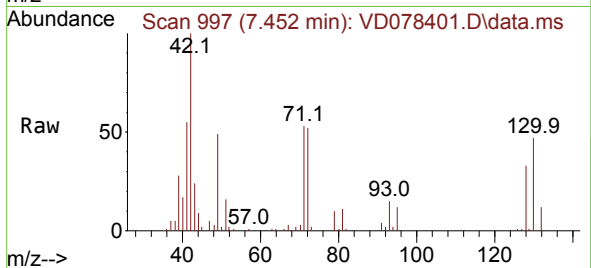




#29
Tetrahydrofuran
Concen: 224.191 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

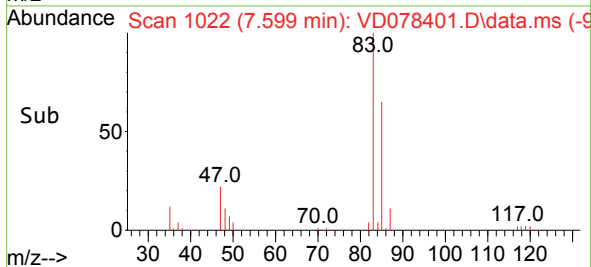
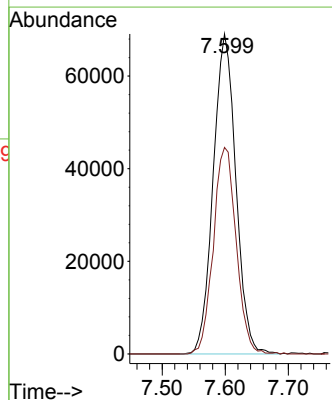
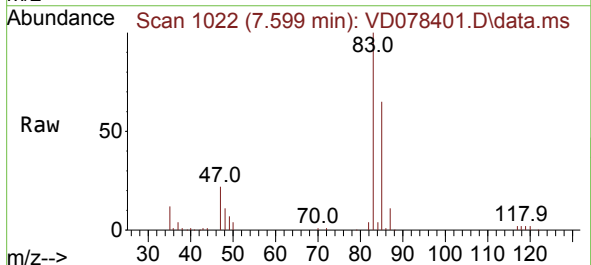
Instrument :
MSVOA_D
ClientSampleId :

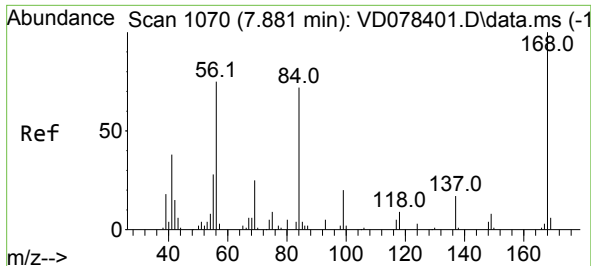
Tgt Ion: 42 Resp: 60263
Ion Ratio Lower Upper
42 100
72 52.1 46.5 69.7
71 48.6 44.5 66.7



#30
Chloroform
Concen: 46.320 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

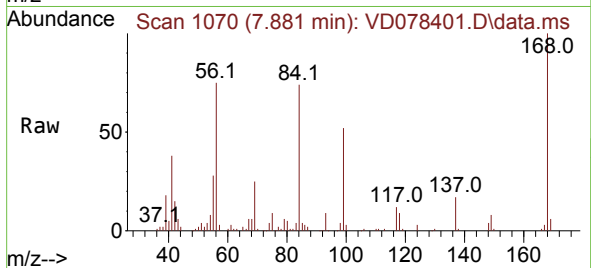
Tgt Ion: 83 Resp: 172267
Ion Ratio Lower Upper
83 100
85 64.6 53.4 80.2



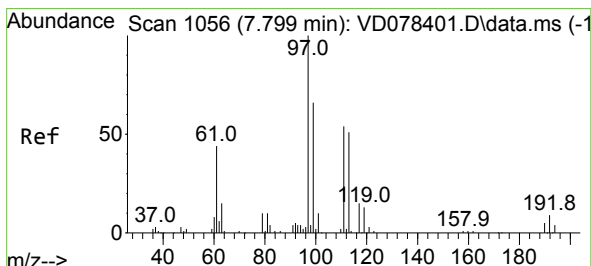
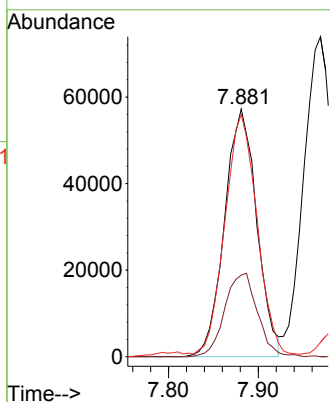
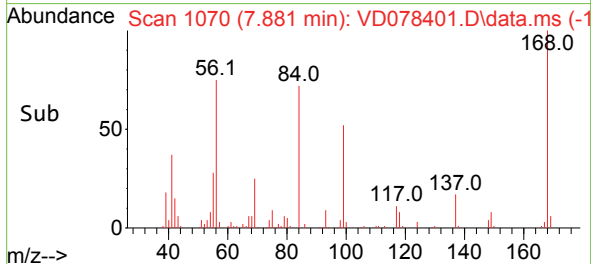


#31
Cyclohexane
Concen: 46.671 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :

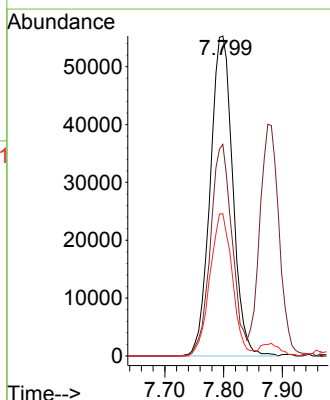
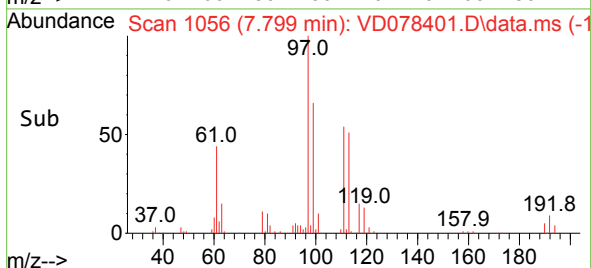
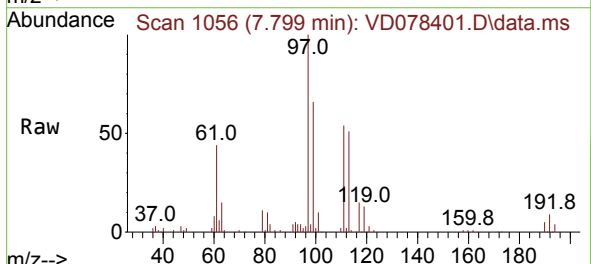


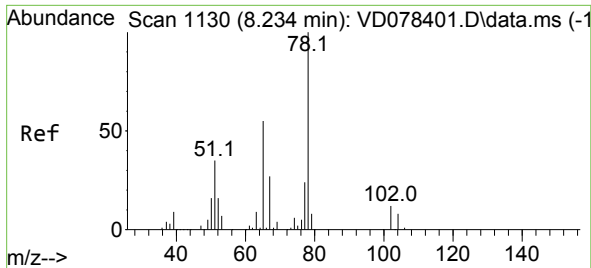
Tgt Ion: 56 Resp: 142699
Ion Ratio Lower Upper
56 100
69 33.0 28.6 43.0
84 95.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 46.474 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 97 Resp: 147364
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 44.1 33.8 50.8

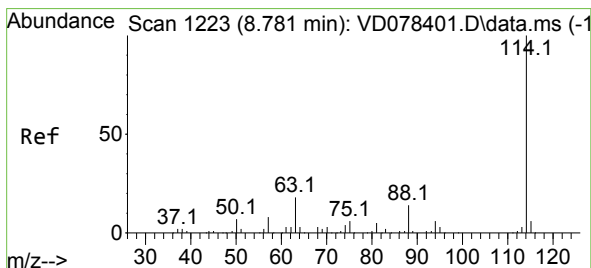
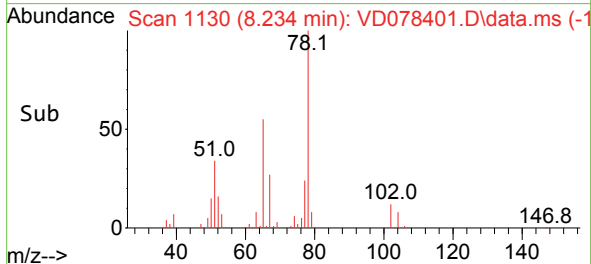
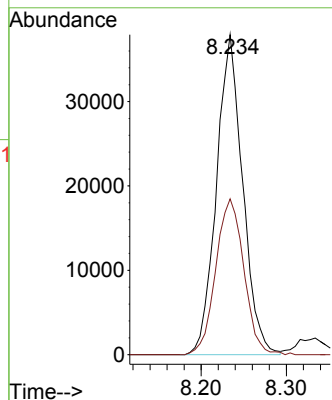
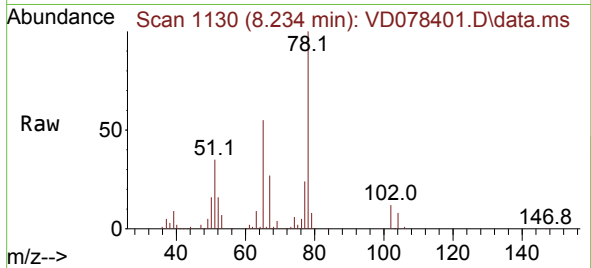




#33
1,2-Dichloroethane-d4
Concen: 44.779 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

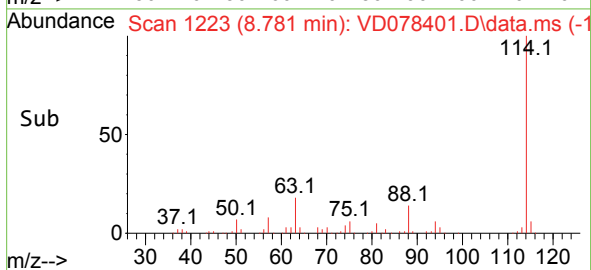
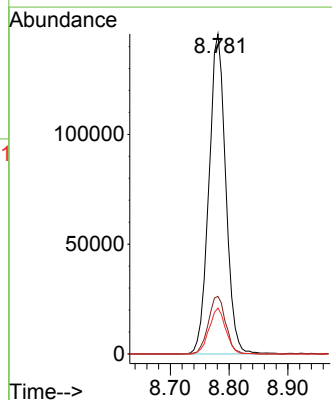
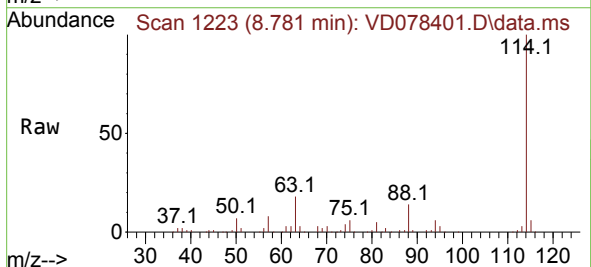
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 80938
Ion Ratio Lower Upper
65 100
67 52.3 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 114 Resp: 290231
Ion Ratio Lower Upper
114 100
63 18.0 0.0 33.4
88 14.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.797 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

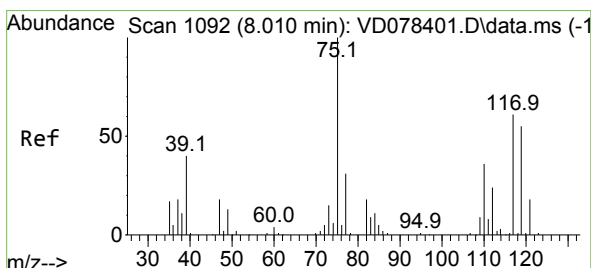
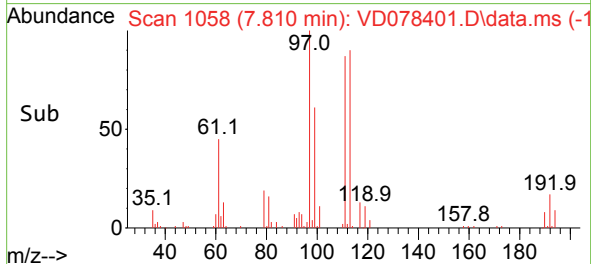
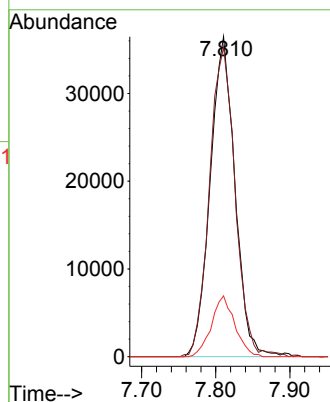
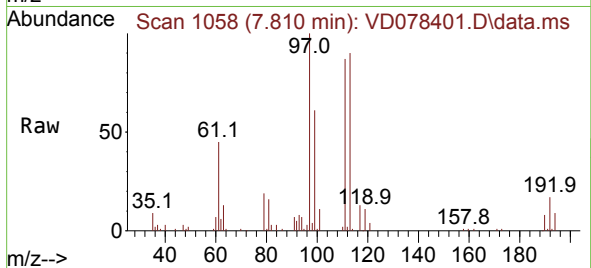
Tgt Ion:113 Resp: 84431

Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

192 18.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 46.737 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

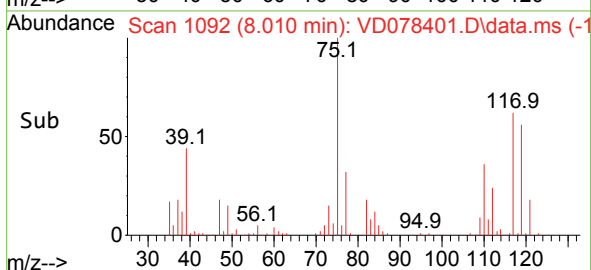
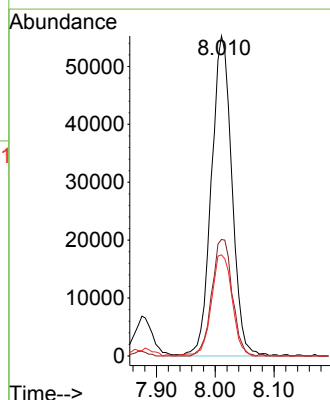
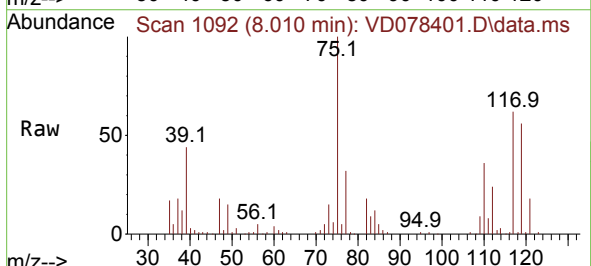
Tgt Ion: 75 Resp: 133855

Ion Ratio Lower Upper

75 100

110 36.2 19.9 59.6

77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 41.918 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078401.D

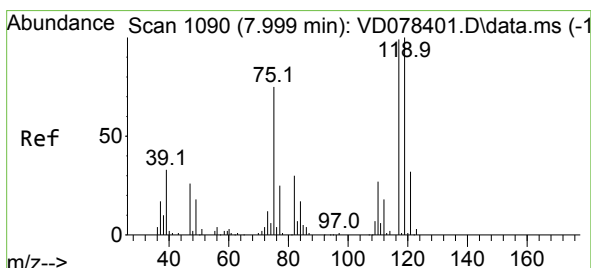
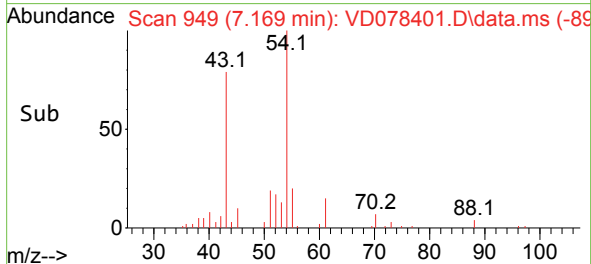
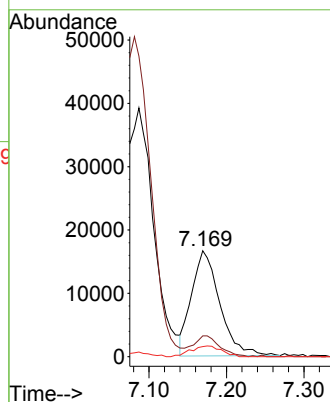
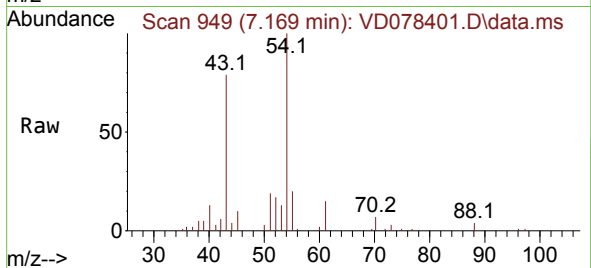
Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	42084
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.9	22.3
70	11.1	10.0	15.0



#38

Carbon Tetrachloride

Concen: 47.291 ug/l

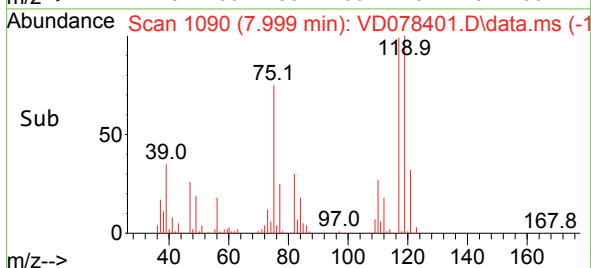
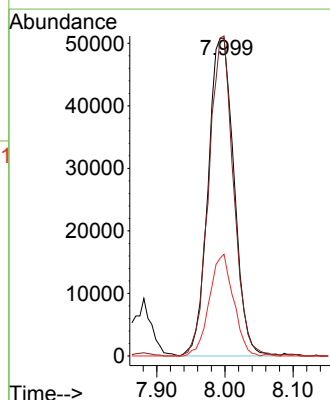
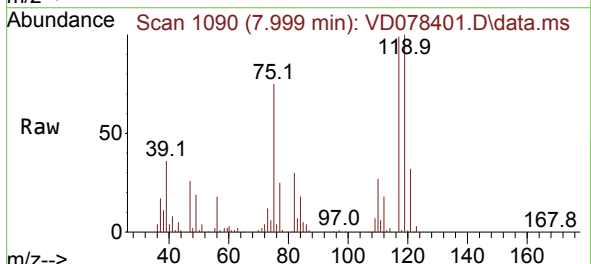
RT: 7.999 min Scan# 1090

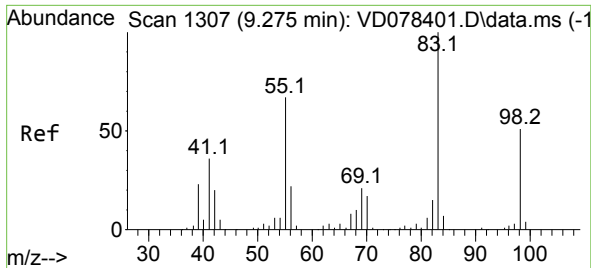
Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Tgt Ion:	117	Resp:	134130
Ion	Ratio	Lower	Upper
117	100		
119	100.6	78.0	117.0
121	32.0	24.2	36.2

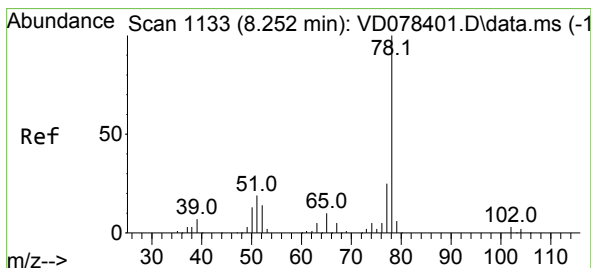
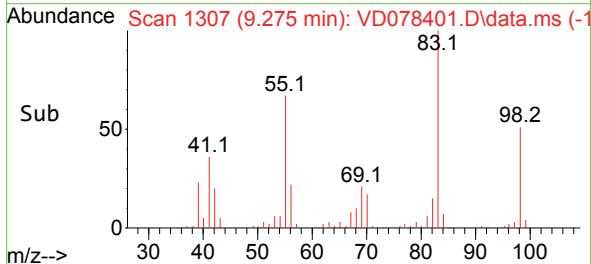
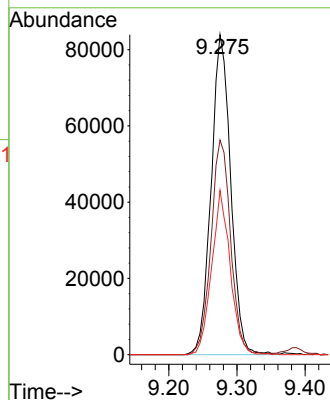
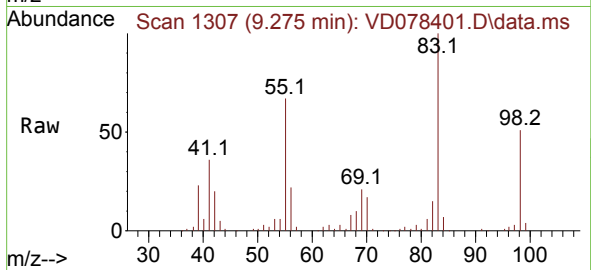




#39
Methylcyclohexane
Concen: 49.326 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

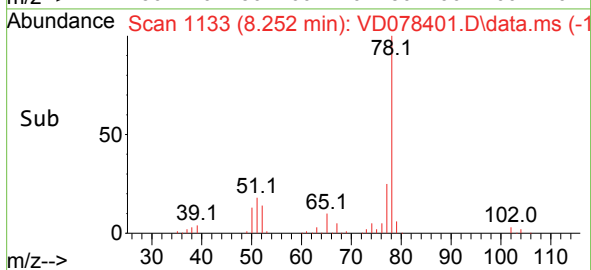
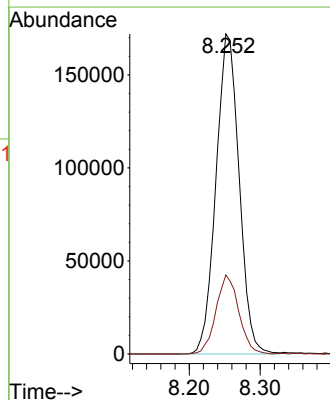
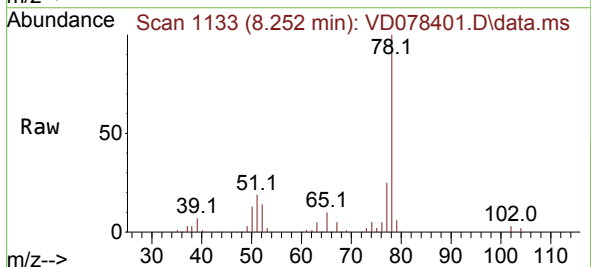
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 167711
Ion Ratio Lower Upper
83 100
55 67.1 49.4 74.0
98 51.3 38.4 57.6



#40
Benzene
Concen: 46.931 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 78 Resp: 388506
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0

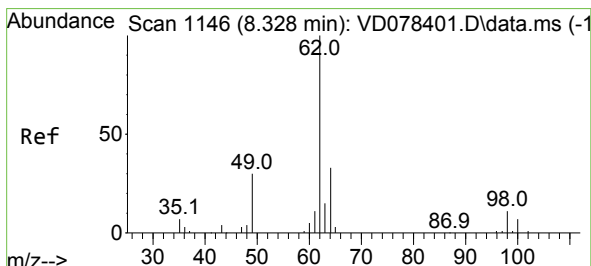
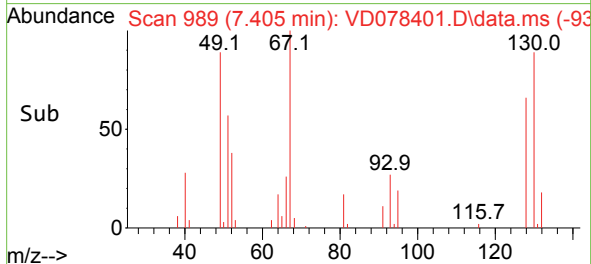
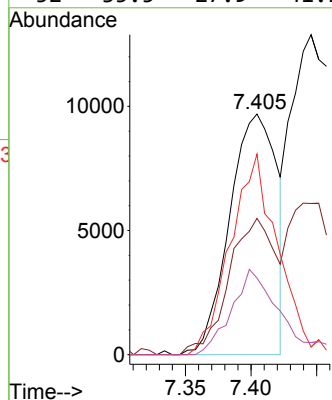
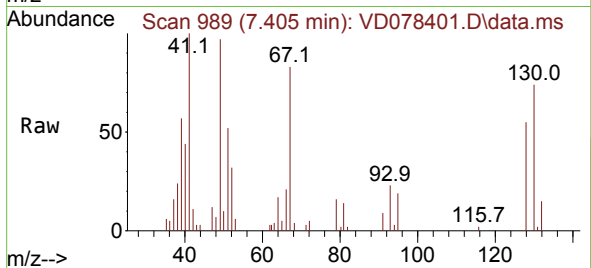




#41
Methacrylonitrile
Concen: 46.490 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

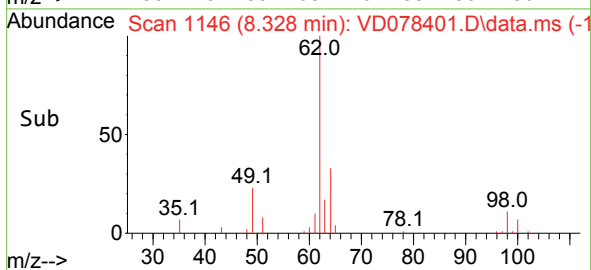
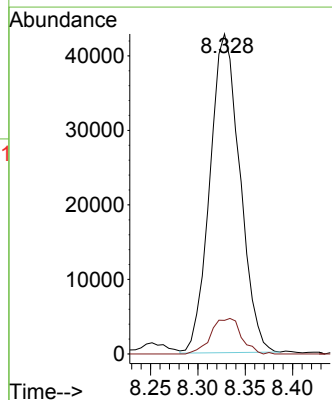
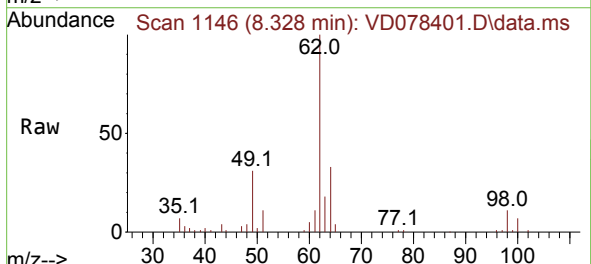
Instrument :
MSVOA_D
ClientSampleId :

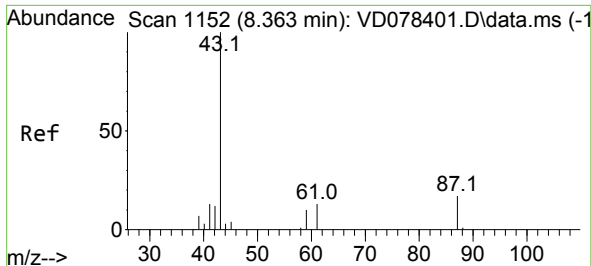
Tgt Ion: 41 Resp: 24291
Ion Ratio Lower Upper
41 100
39 56.1 34.0 51.0#
67 84.5 77.0 115.4
52 35.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 44.113 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 62 Resp: 94489
Ion Ratio Lower Upper
62 100
98 11.2 0.0 25.4

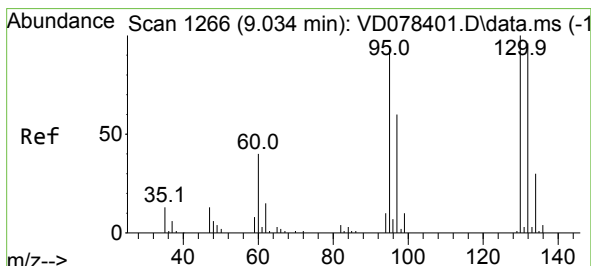
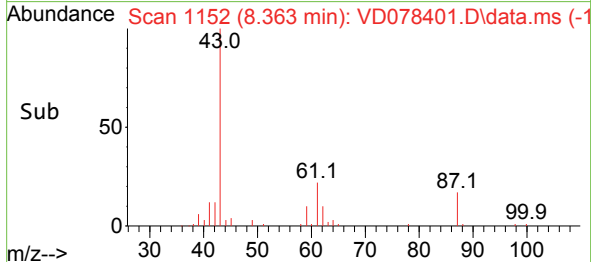
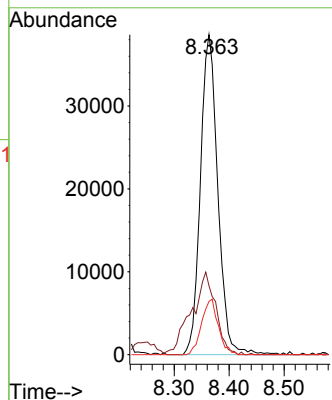
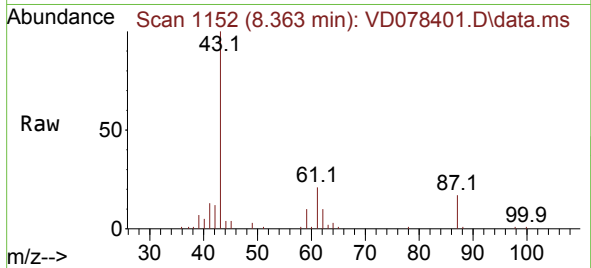




#43
Isopropyl Acetate
Concen: 45.674 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

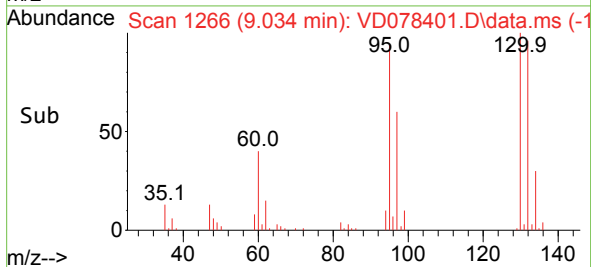
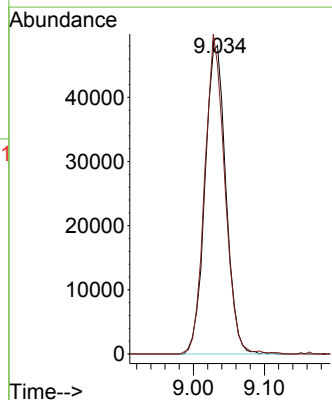
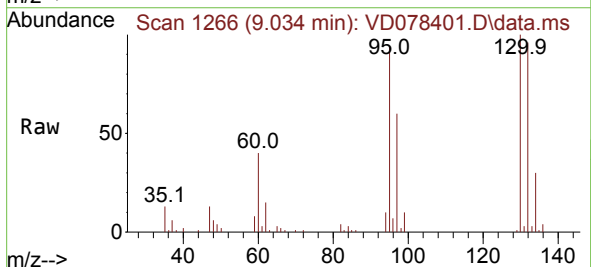
Instrument :
MSVOA_D
ClientSampleId :

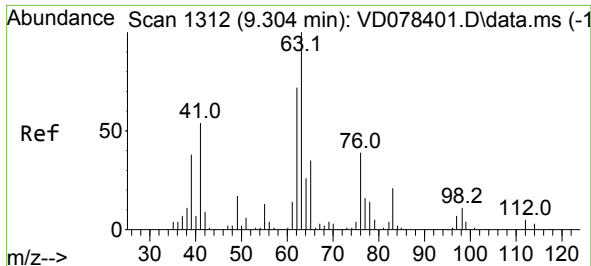
Tgt Ion: 43 Resp: 84912
Ion Ratio Lower Upper
43 100
61 36.0 31.4 47.0
87 16.7 14.9 22.3



#44
Trichloroethene
Concen: 46.715 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:130 Resp: 98659
Ion Ratio Lower Upper
130 100
95 93.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 45.452 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

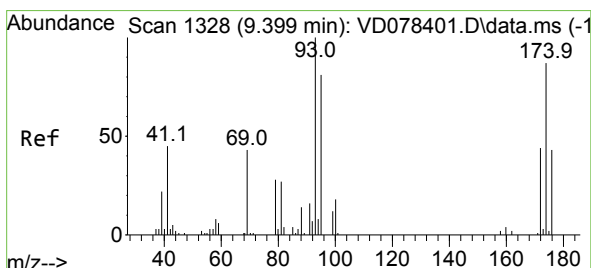
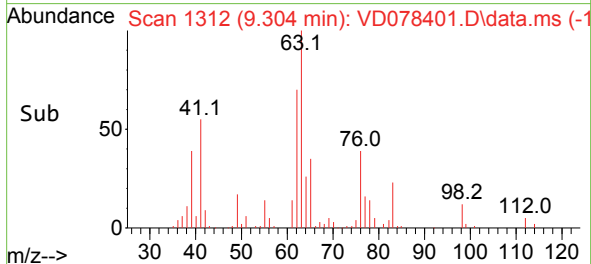
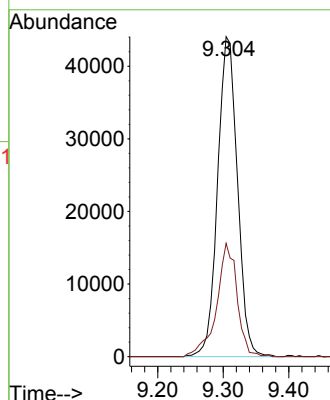
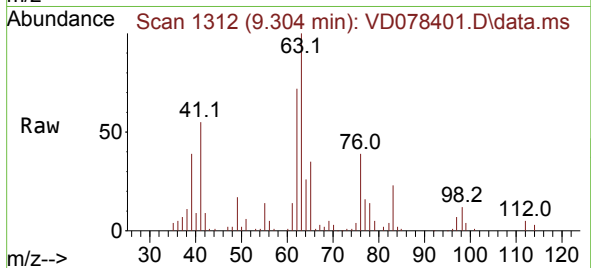
ClientSampleId :

Tgt Ion: 63 Resp: 92317

Ion Ratio Lower Upper

63 100

65 35.4 24.5 36.7



#46

Dibromomethane

Concen: 45.051 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

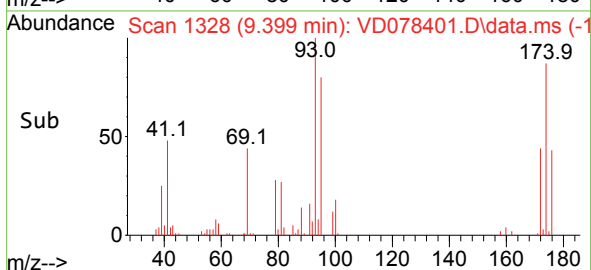
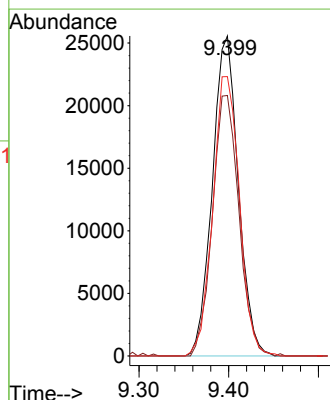
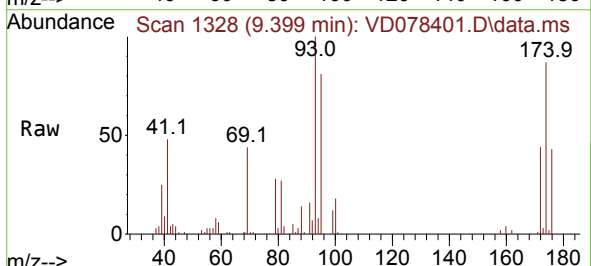
Tgt Ion: 93 Resp: 51468

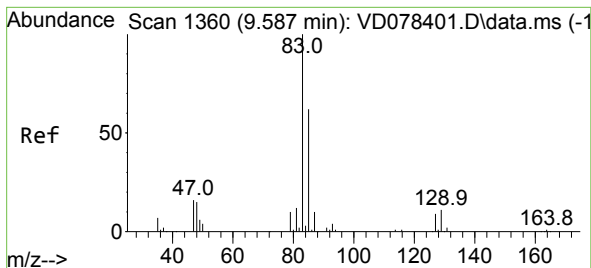
Ion Ratio Lower Upper

93 100

95 83.1 67.7 101.5

174 89.4 85.4 128.2





#47

Bromodichloromethane

Concen: 46.577 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

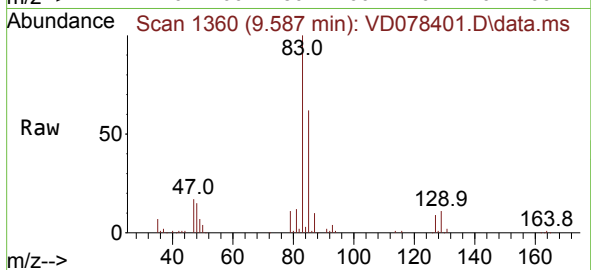
Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :



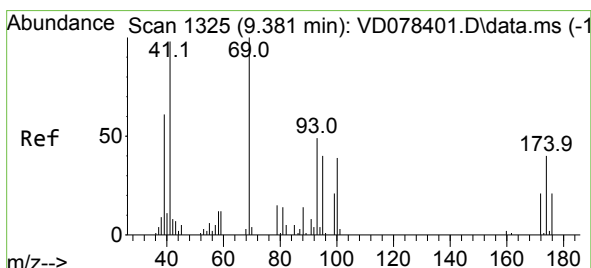
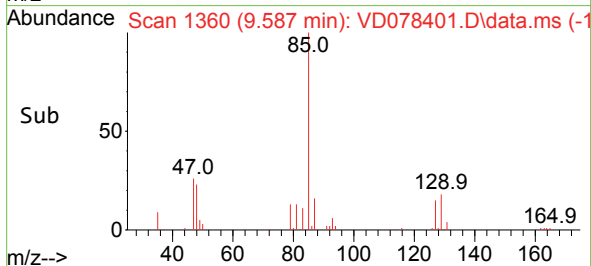
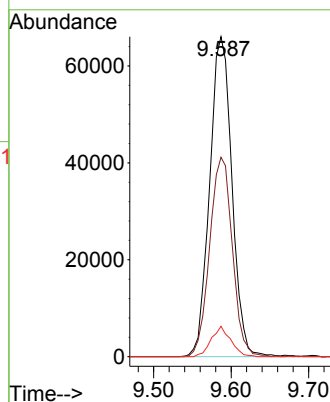
Tgt Ion: 83 Resp: 131796

Ion Ratio Lower Upper

83 100

85 62.3 50.2 75.4

127 9.5 6.3 9.5#



#48

Methyl methacrylate

Concen: 50.465 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

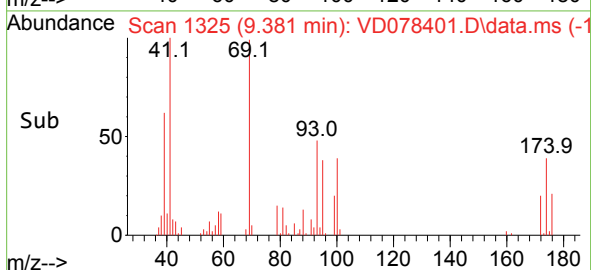
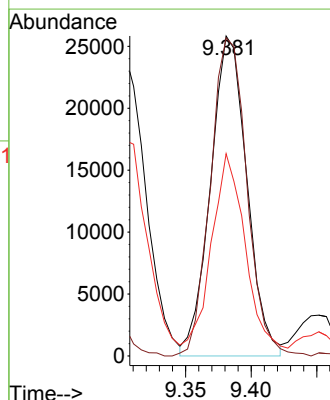
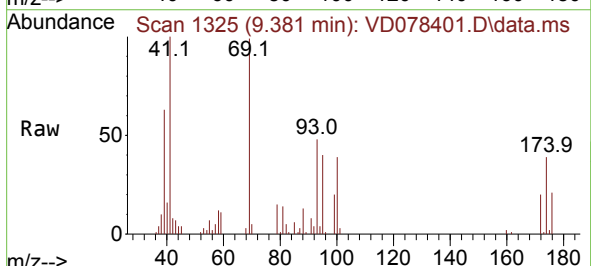
Tgt Ion: 41 Resp: 49774

Ion Ratio Lower Upper

41 100

69 99.8 102.2 153.2#

39 60.7 41.4 62.2





#49

1,4-Dioxane

Concen: 874.552 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

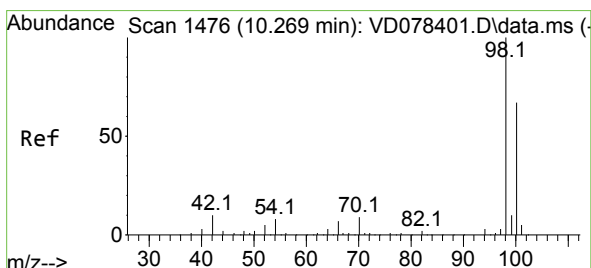
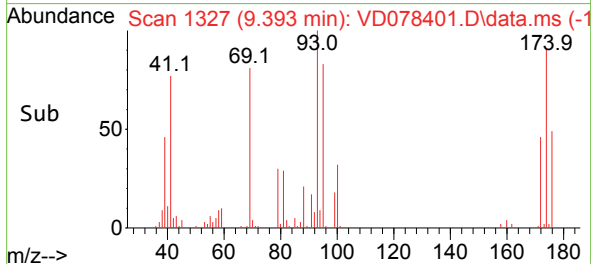
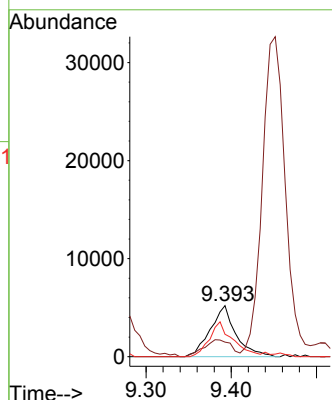
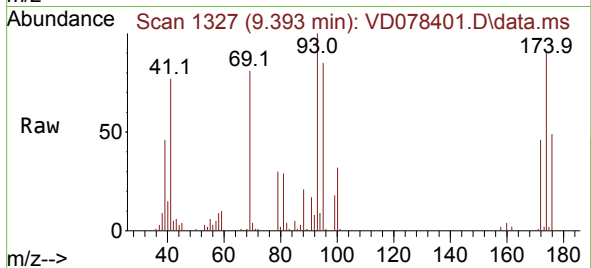
Tgt Ion: 88 Resp: 10820

Ion Ratio Lower Upper

88 100

43 35.6 19.0 28.6#

58 62.9 43.5 65.3



#50

Toluene-d8

Concen: 45.633 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078401.D

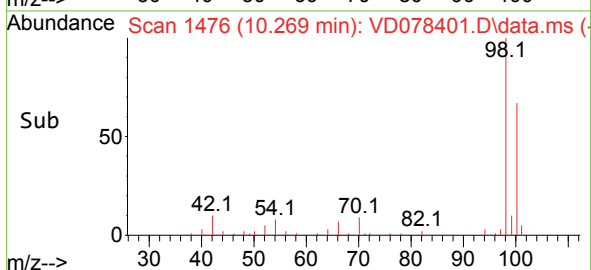
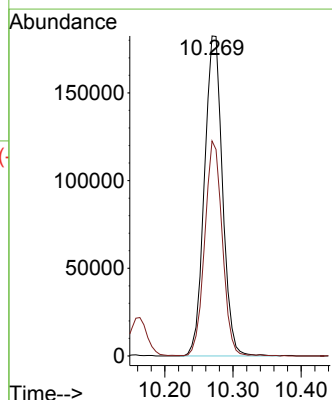
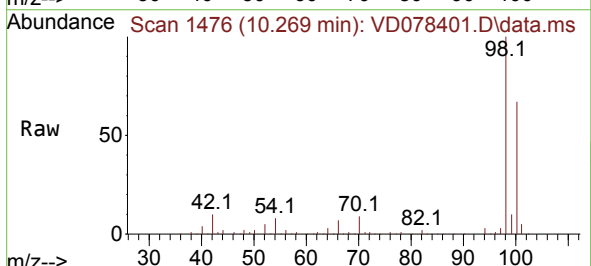
Acq: 13 Feb 2024 13:30

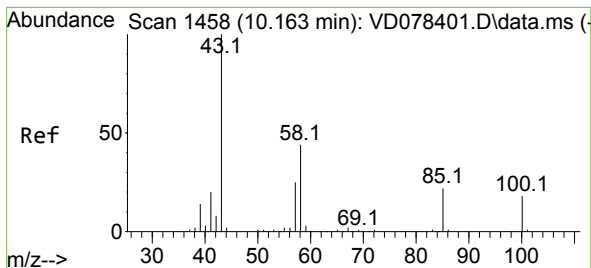
Tgt Ion: 98 Resp: 336540

Ion Ratio Lower Upper

98 100

100 65.5 50.3 75.5

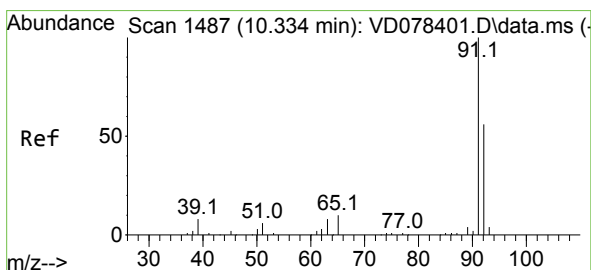
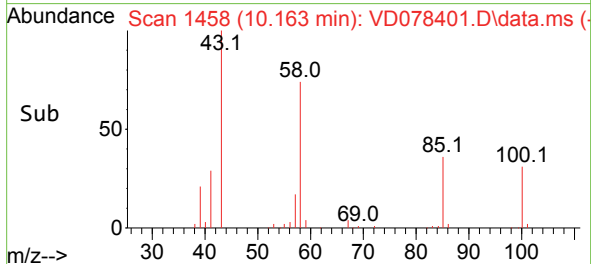
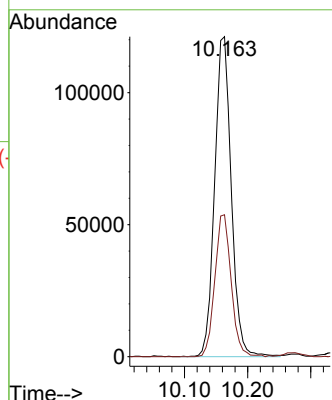
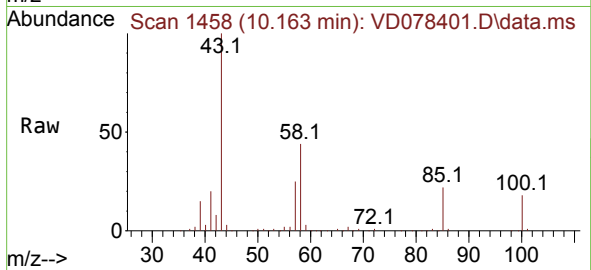




#51
4-Methyl-2-Pentanone
Concen: 224.645 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

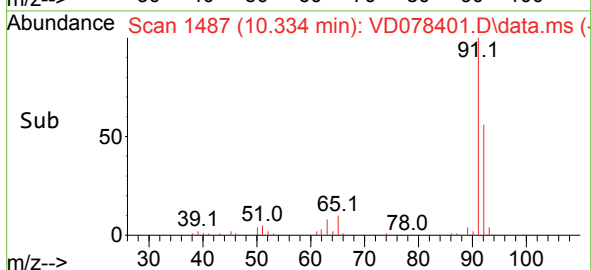
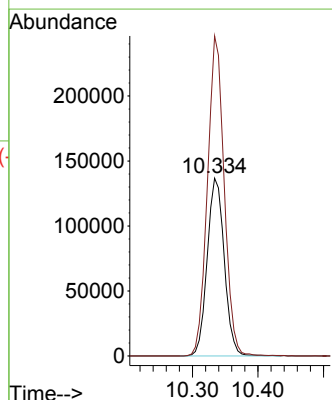
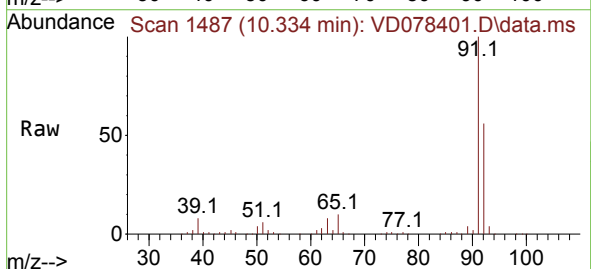
Instrument :
MSVOA_D
ClientSampleId :

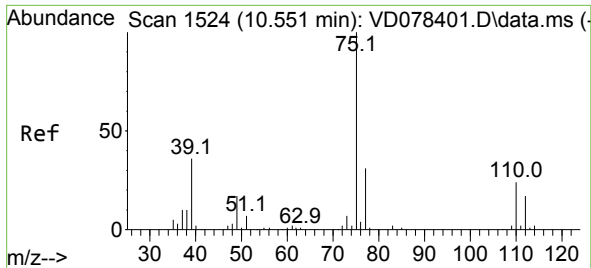
Tgt Ion: 43 Resp: 221659
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 47.271 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 92 Resp: 247462
Ion Ratio Lower Upper
92 100
91 176.6 143.0 214.4

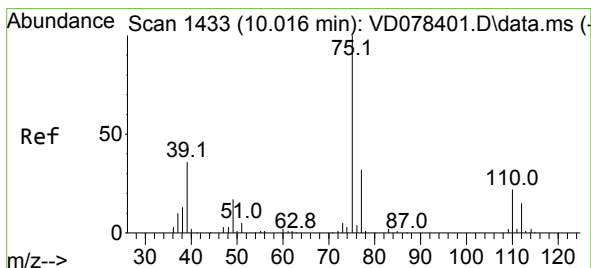
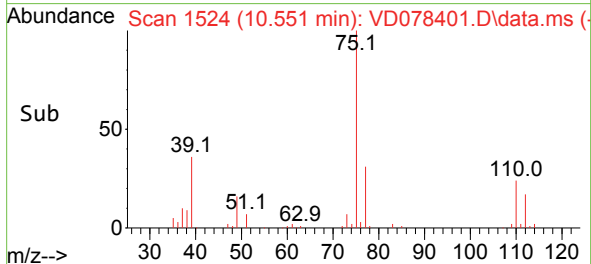
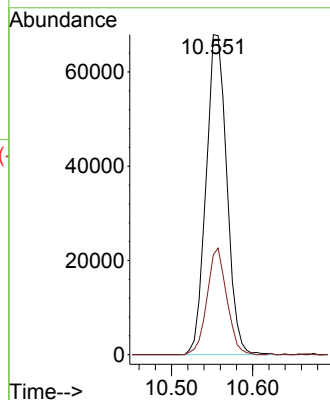
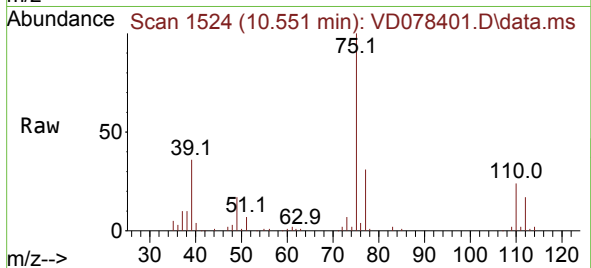




#53
t-1,3-Dichloropropene
Concen: 46.700 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

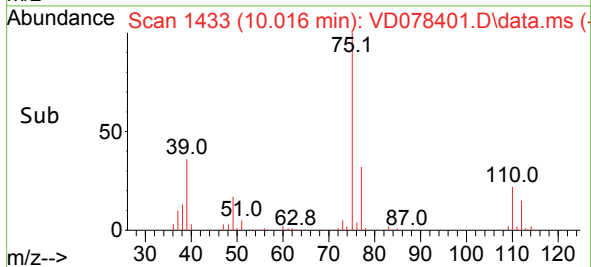
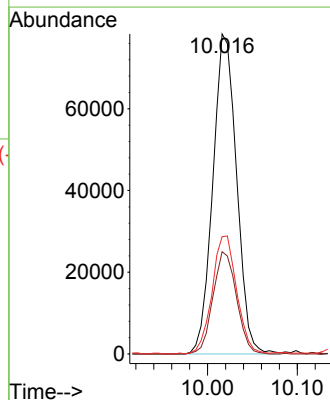
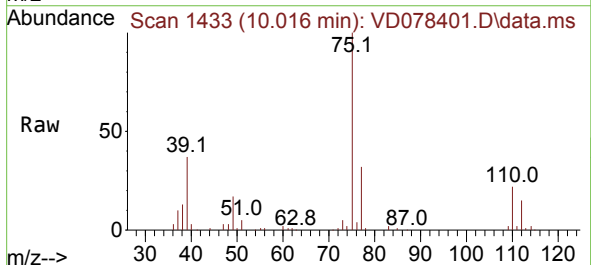
Instrument :
MSVOA_D
ClientSampleId :

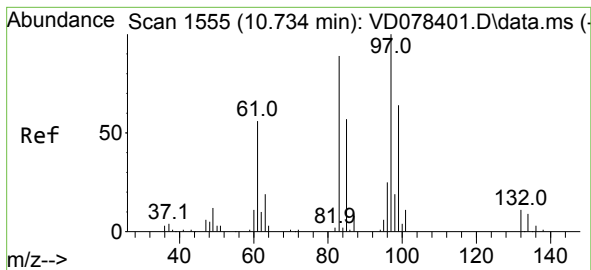
Tgt Ion: 75 Resp: 120577
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 46.026 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 75 Resp: 144098
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 36.4 22.1 33.1#

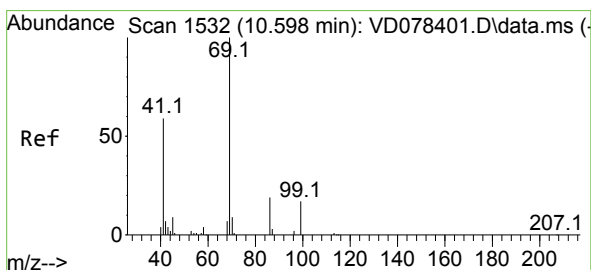
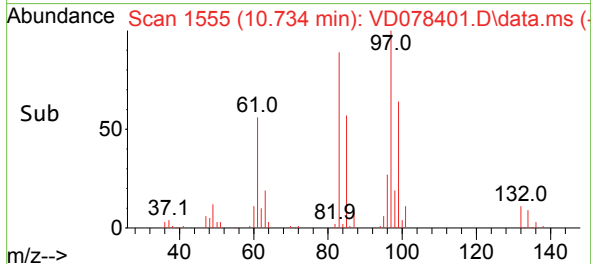
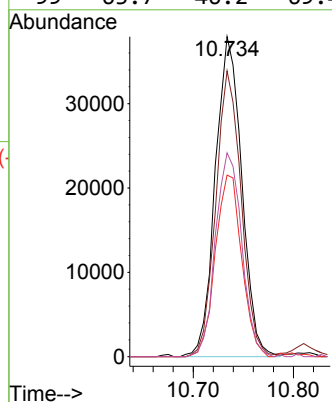
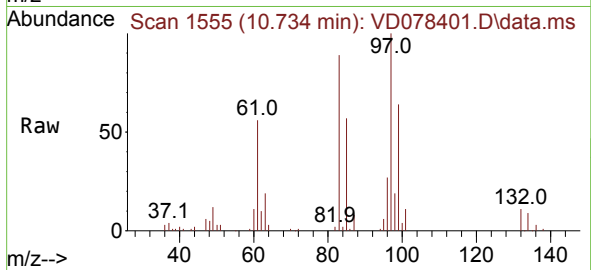




#55
1,1,2-Trichloroethane
Concen: 45.160 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

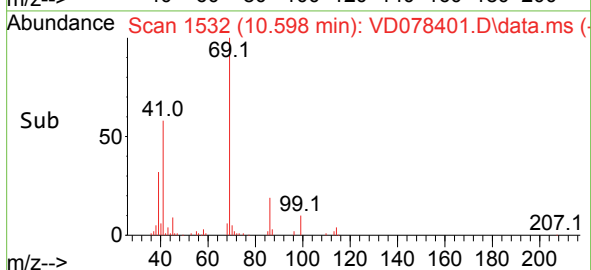
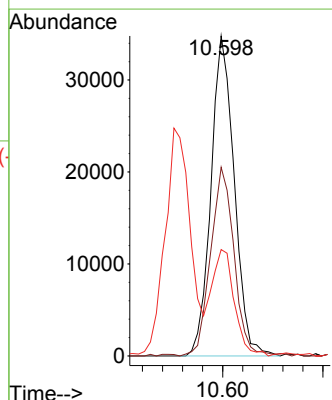
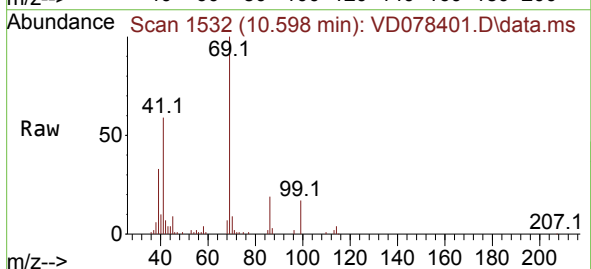
Instrument :
MSVOA_D
ClientSampleId :

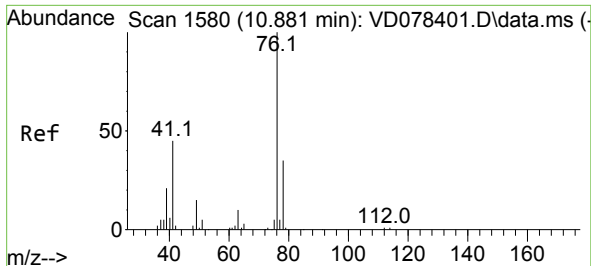
Tgt Ion:	97	Resp:	69478
Ion	Ratio	Lower	Upper
97	100		
83	89.3	65.8	98.6
85	56.7	45.7	68.5
99	63.7	46.2	69.4



#56
Ethyl methacrylate
Concen: 39.432 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:	69	Resp:	56107
Ion	Ratio	Lower	Upper
69	100		
41	59.6	39.1	58.7#
39	32.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 44.757 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

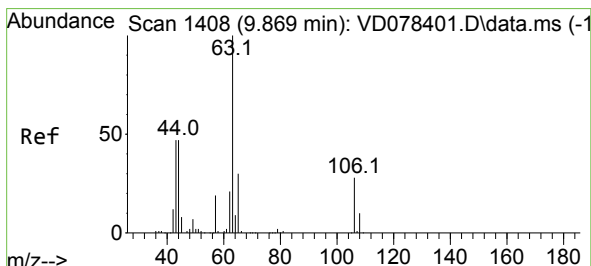
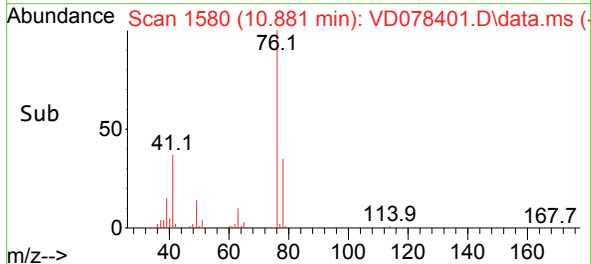
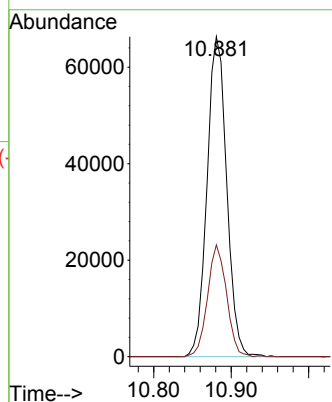
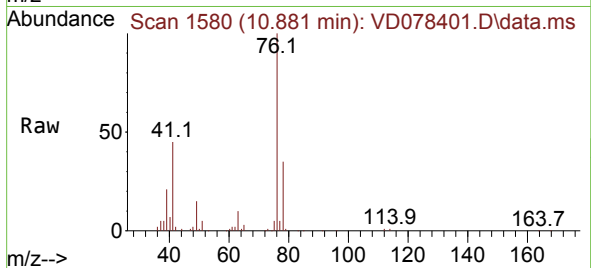
ClientSampleId :

Tgt Ion: 76 Resp: 117133

Ion Ratio Lower Upper

76 100

78 33.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 253.478 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078401.D

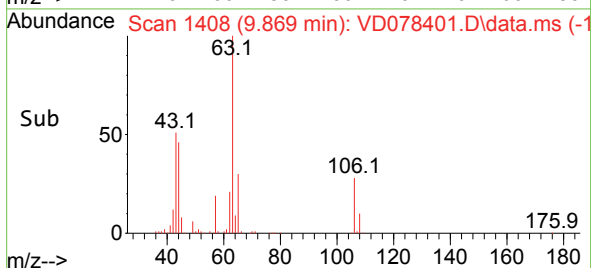
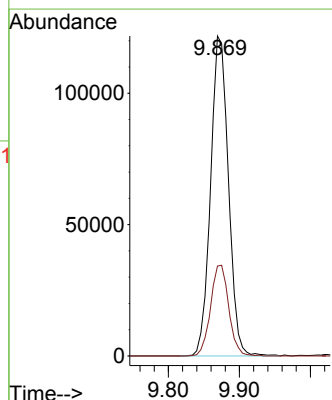
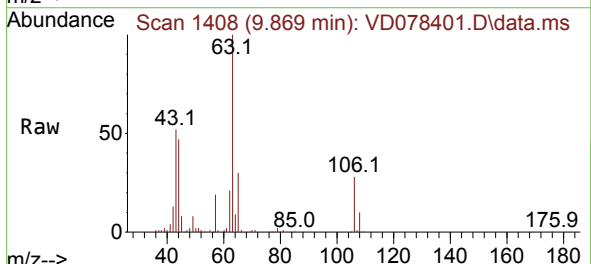
Acq: 13 Feb 2024 13:30

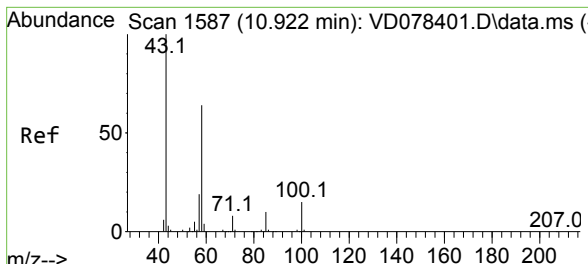
Tgt Ion: 63 Resp: 212451

Ion Ratio Lower Upper

63 100

106 28.9 25.3 37.9

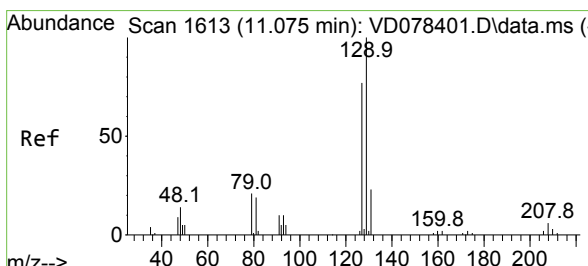
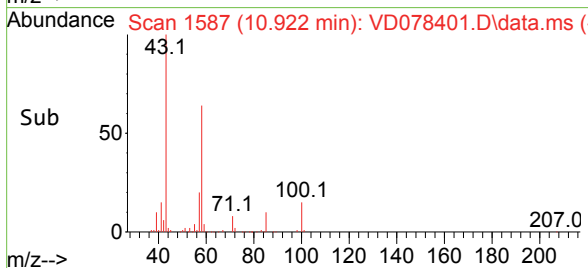
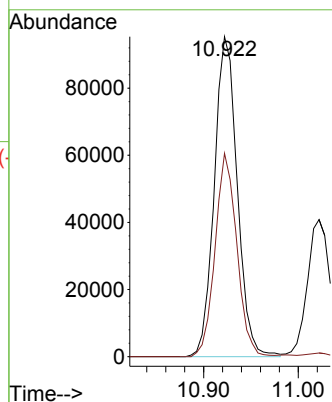
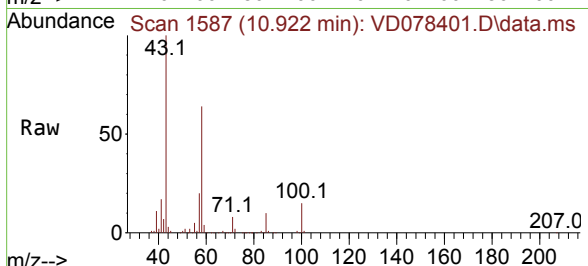




#59
2-Hexanone
Concen: 216.402 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

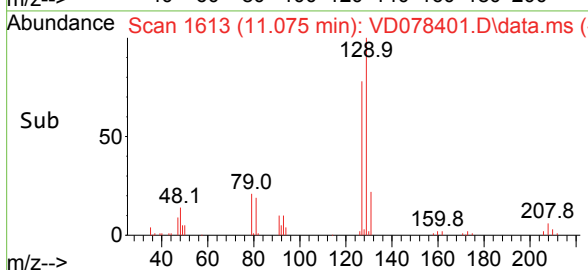
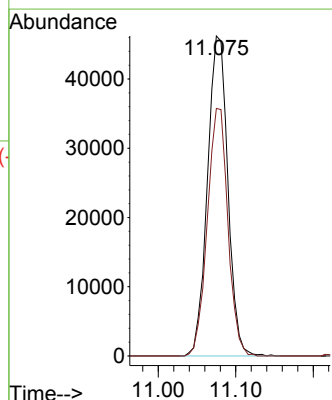
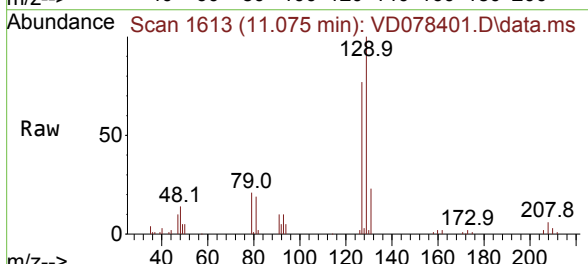
Instrument : MSVOA_D
ClientSampleId :

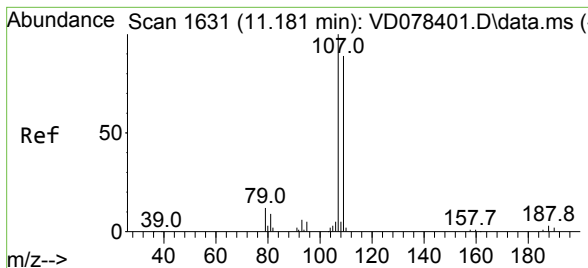
Tgt Ion: 43 Resp: 160467
Ion Ratio Lower Upper
43 100
58 60.2 34.1 102.2



#60
Dibromochloromethane
Concen: 45.639 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:129 Resp: 84482
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5

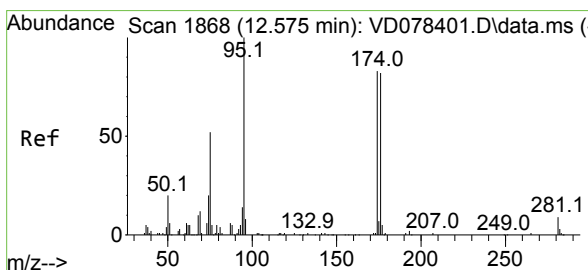
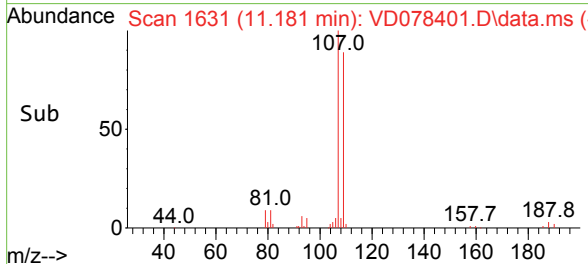
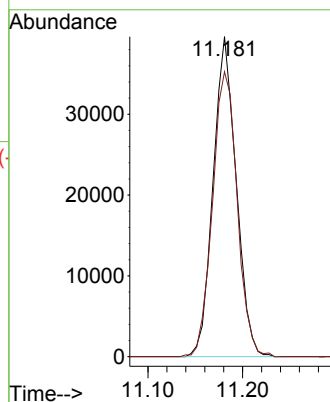
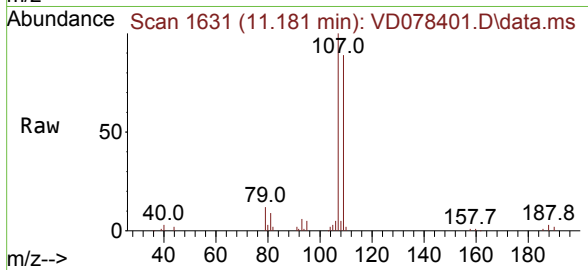




#61
1,2-Dibromoethane
Concen: 46.318 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

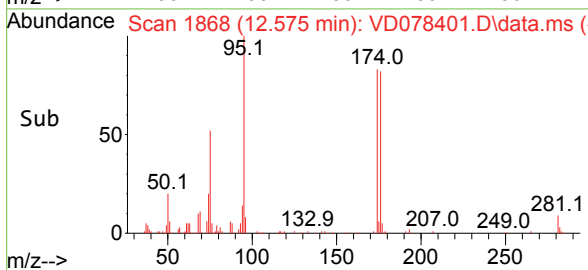
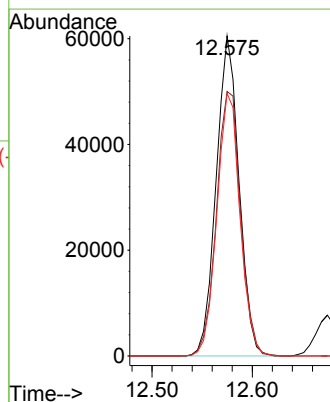
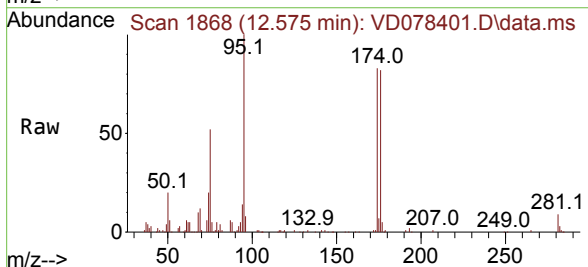
Instrument :
MSVOA_D
ClientSampleId :

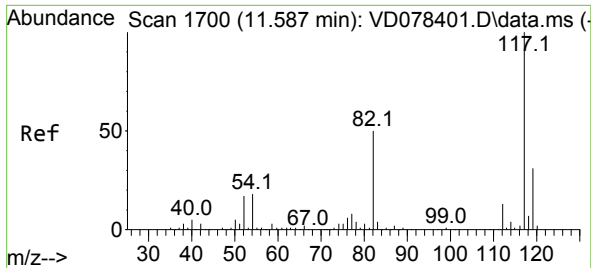
Tgt Ion:107 Resp: 66899
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.616 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 95 Resp: 95752
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 83.0 0.0 191.8

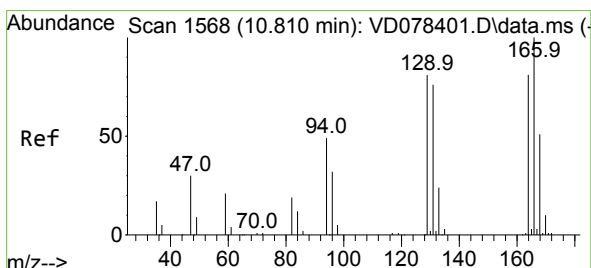
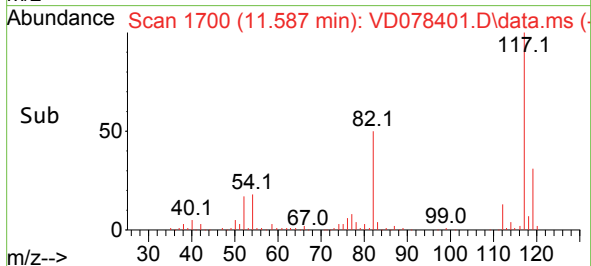
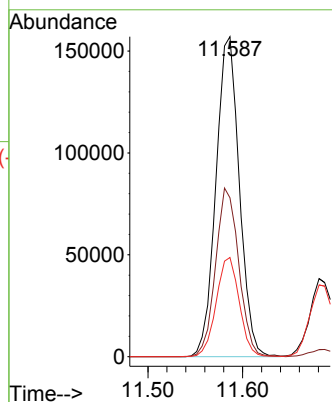
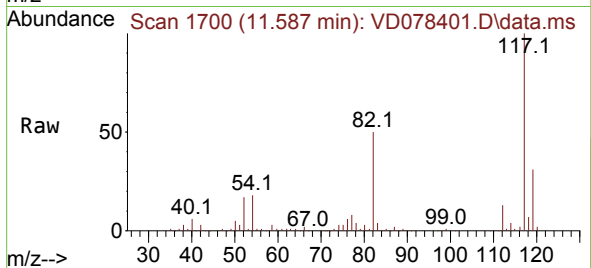




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

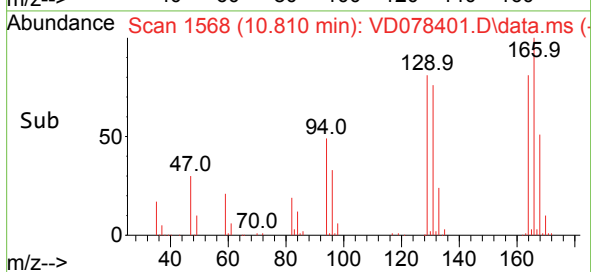
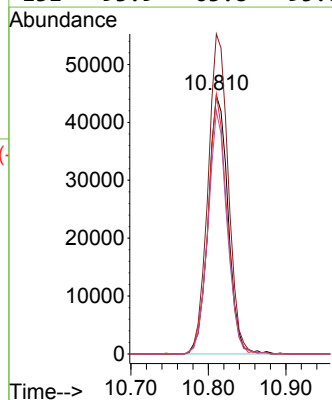
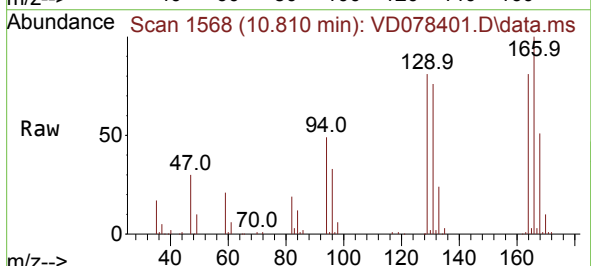
Instrument :
MSVOA_D
ClientSampleId :

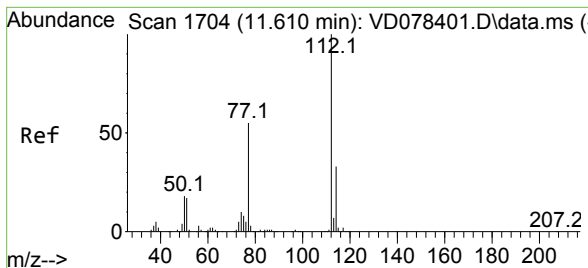
Tgt Ion:117 Resp: 270342
Ion Ratio Lower Upper
117 100
82 49.6 38.3 57.5
119 31.0 25.0 37.4



#64
Tetrachloroethene
Concen: 46.712 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:164 Resp: 79763
Ion Ratio Lower Upper
164 100
166 123.7 99.2 148.8
129 100.4 68.4 102.6
131 93.9 63.8 95.8

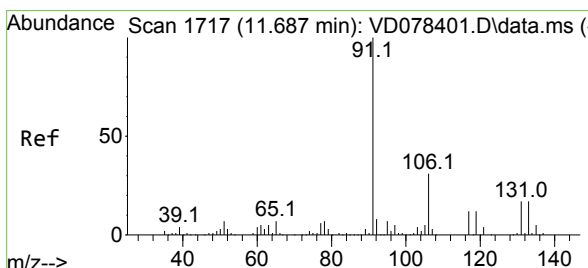
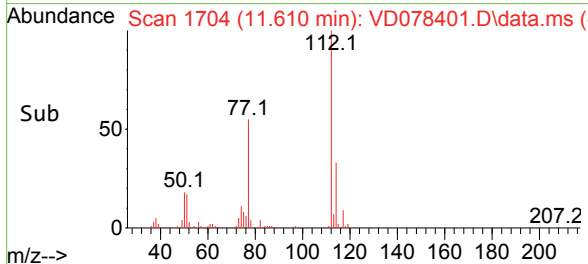
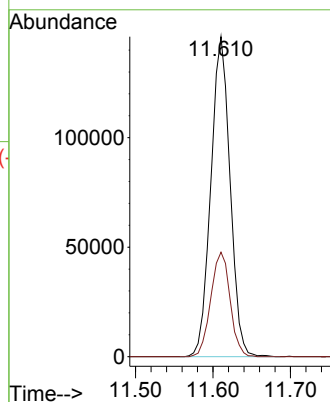
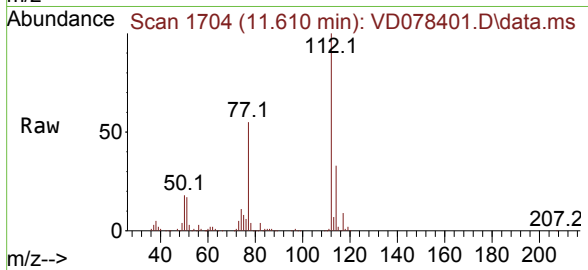




#65
Chlorobenzene
Concen: 46.313 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

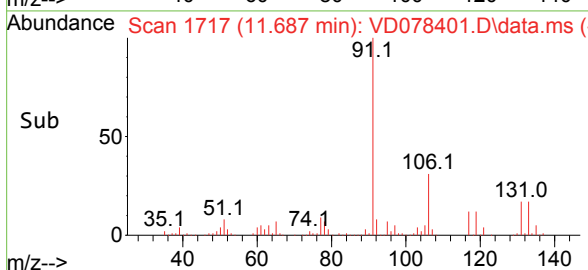
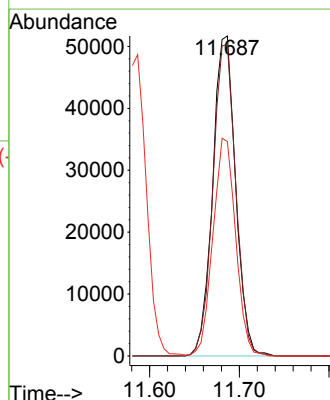
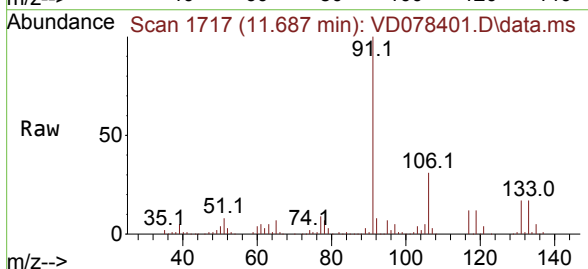
Instrument :
MSVOA_D
ClientSampleId :

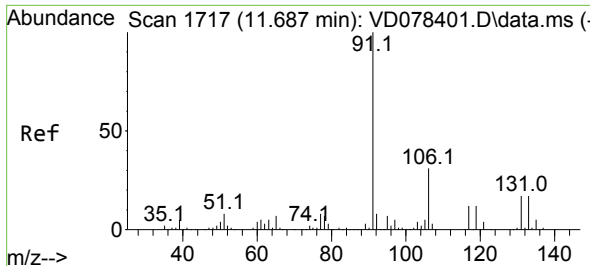
Tgt Ion:112 Resp: 251706
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 45.918 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:131 Resp: 91712
Ion Ratio Lower Upper
131 100
133 97.3 48.5 145.5
119 67.4 35.6 106.9

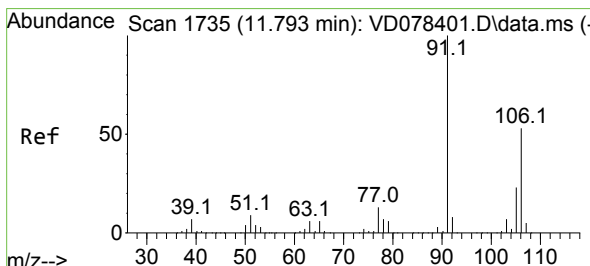
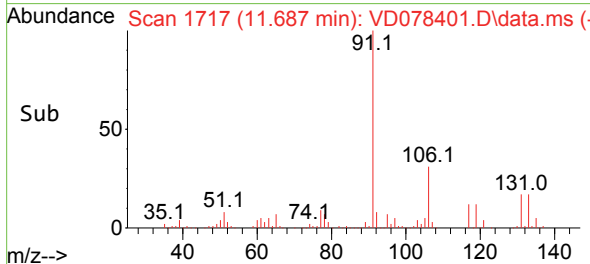
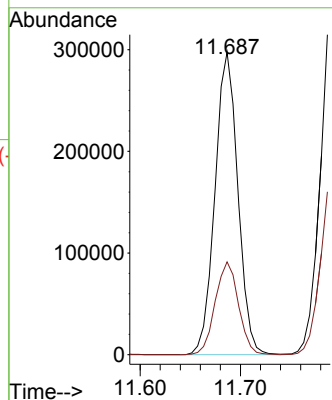
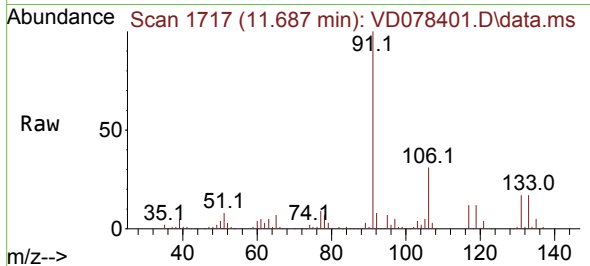




#67
Ethyl Benzene
Concen: 48.353 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

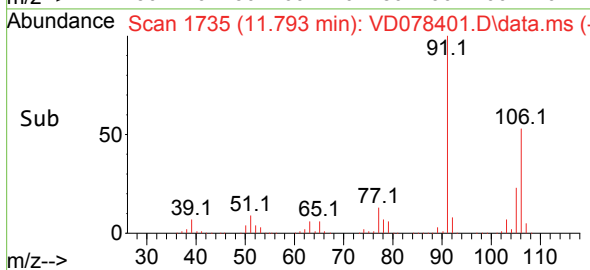
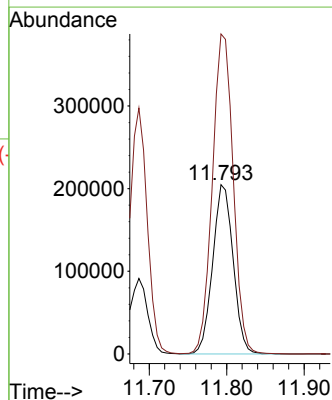
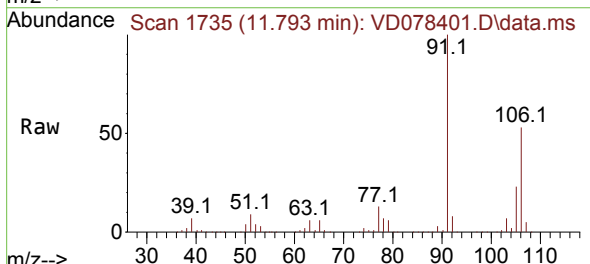
Instrument :
MSVOA_D
ClientSampleId :

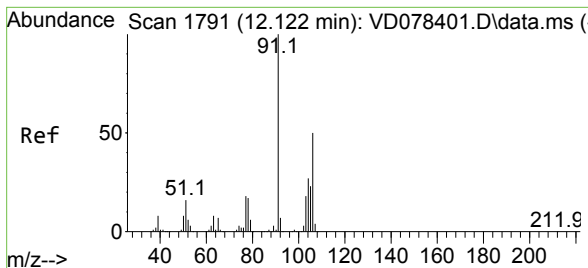
Tgt Ion: 91 Resp: 470862
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7



#68
m/p-Xylenes
Concen: 98.962 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:106 Resp: 375906
Ion Ratio Lower Upper
106 100
91 192.6 147.0 220.6

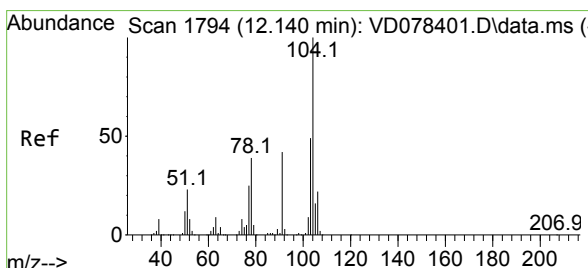
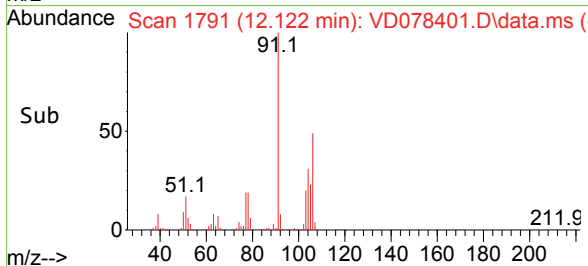
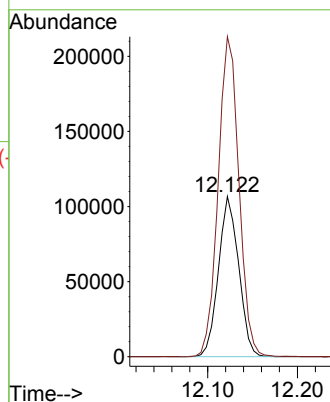
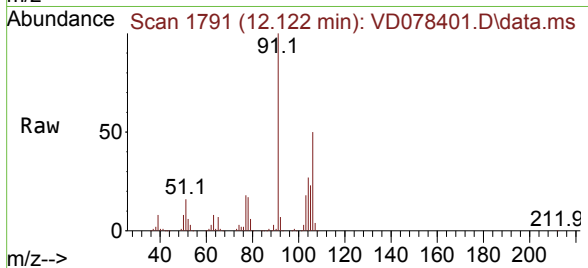




#69
o-Xylene
Concen: 48.259 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

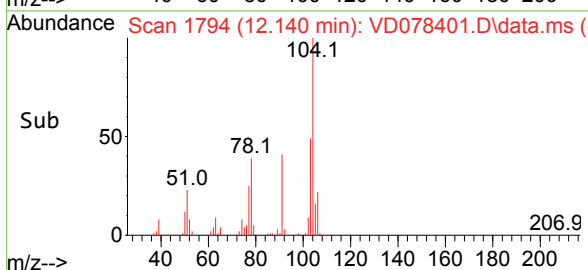
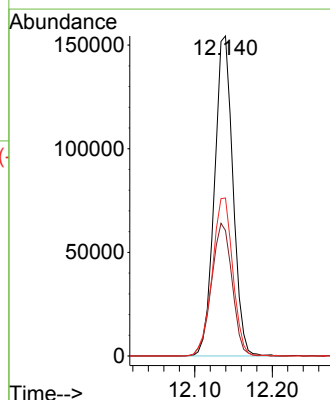
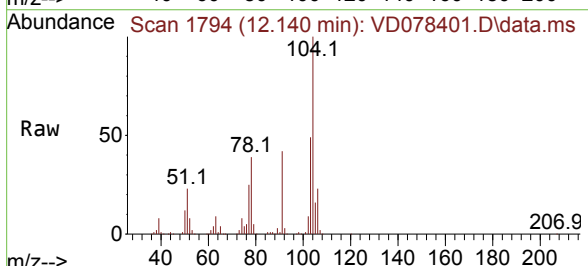
Instrument :
MSVOA_D
ClientSampleId :

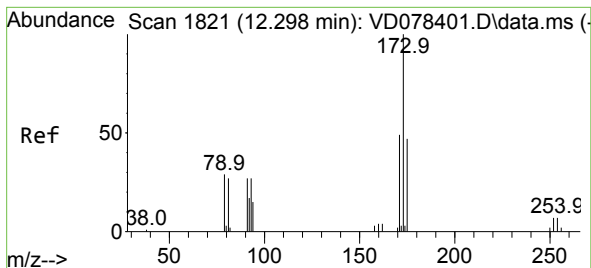
Tgt Ion:106 Resp: 167283
Ion Ratio Lower Upper
106 100
91 204.8 97.9 293.6



#70
Styrene
Concen: 45.282 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:104 Resp: 256172
Ion Ratio Lower Upper
104 100
78 46.0 33.2 49.8
103 54.8 43.6 65.4





#71

Bromoform

Concen: 43.980 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078401.D

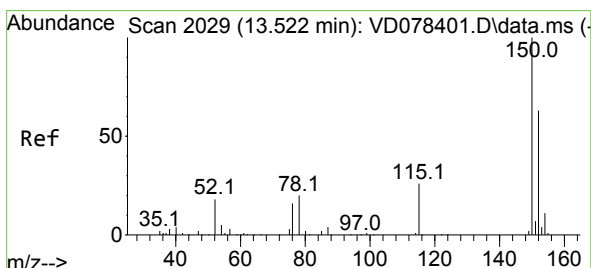
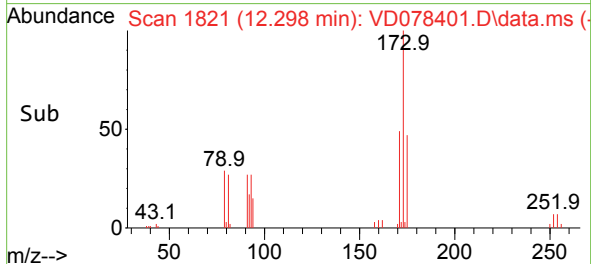
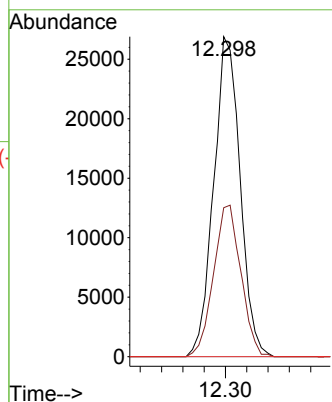
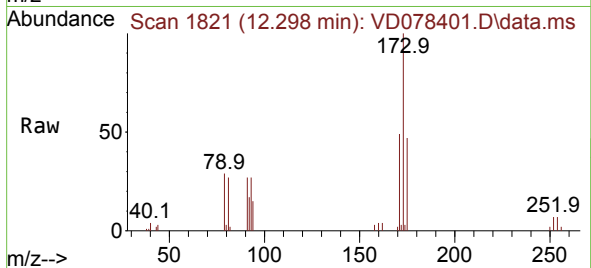
Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	46235
Ion Ratio	Lower	Upper
173	100	
175	49.1	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

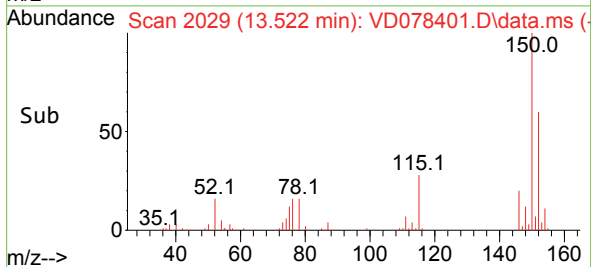
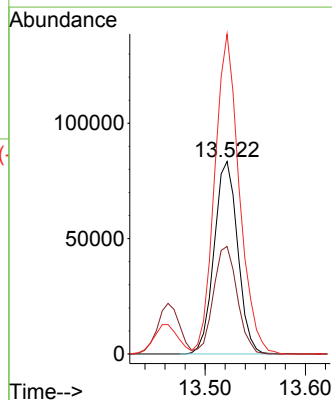
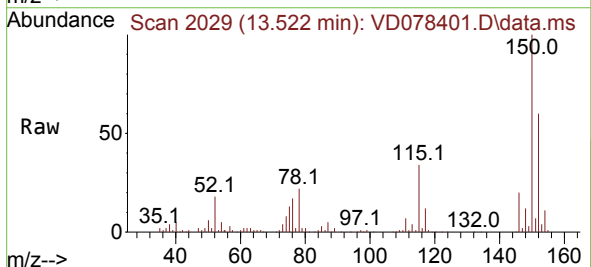
RT: 13.522 min Scan# 2029

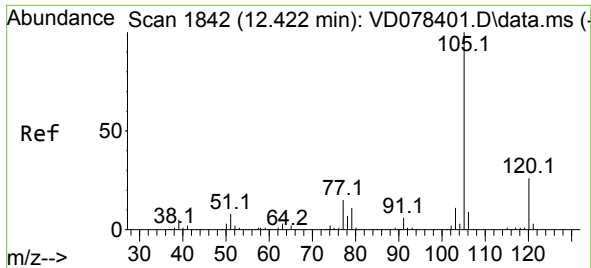
Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Tgt Ion:152	Resp:	136108
Ion Ratio	Lower	Upper
152	100	
115	56.6	27.1 81.3
150	173.5	0.0 353.6

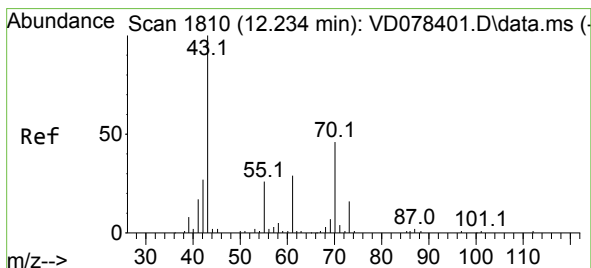
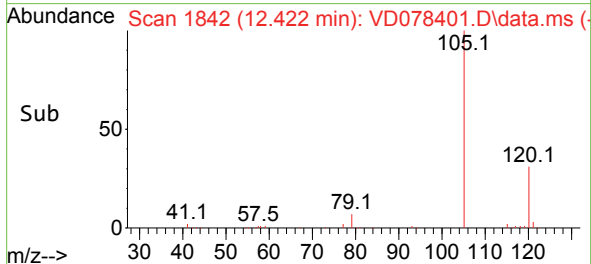
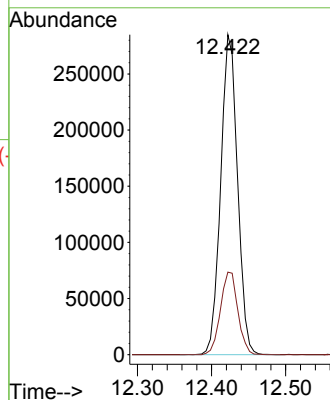
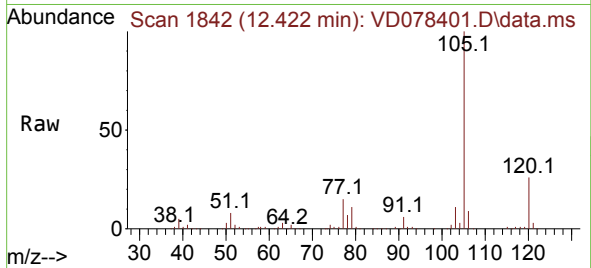




#73
Isopropylbenzene
Concen: 49.140 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

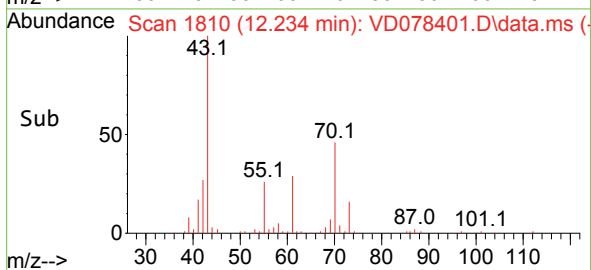
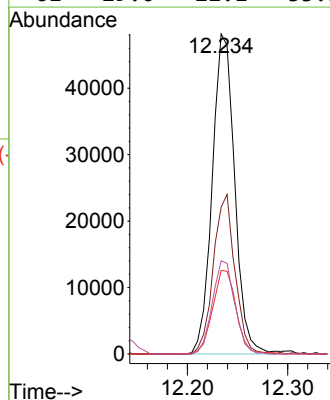
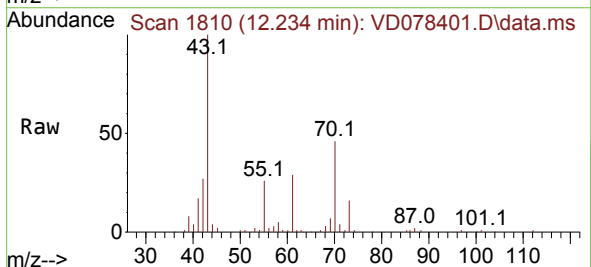
Instrument :
MSVOA_D
ClientSampleId :

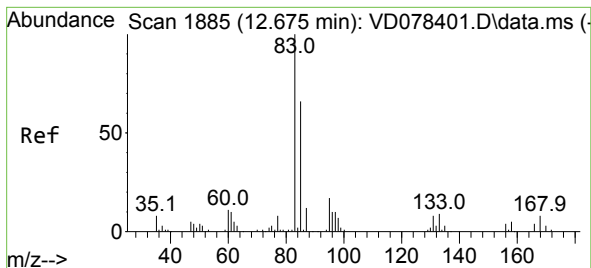
Tgt Ion:105 Resp: 449116
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 43.369 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 43 Resp: 74987
Ion Ratio Lower Upper
43 100
70 47.9 45.0 67.4
55 27.3 23.8 35.6
61 29.0 22.1 33.1

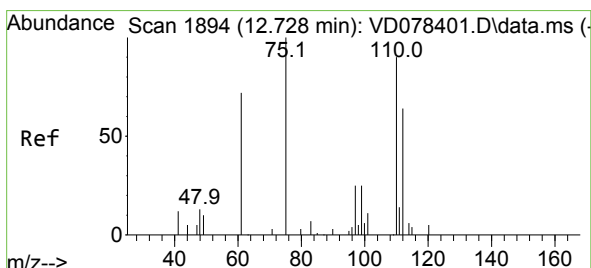
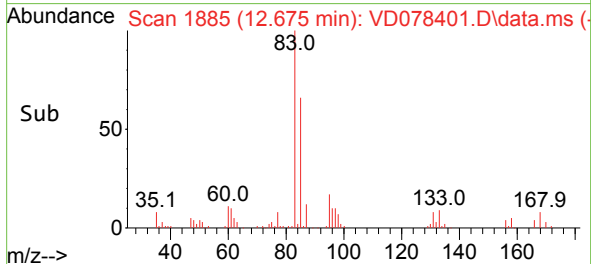
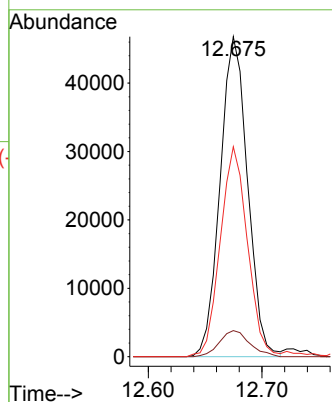
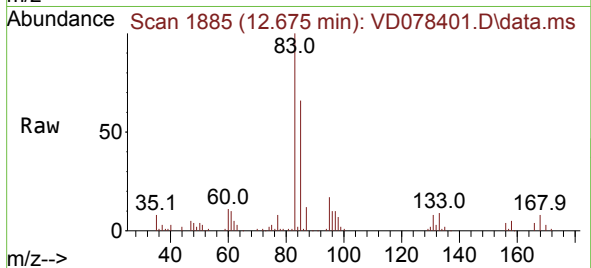




#75
1,1,2,2-Tetrachloroethane
Concen: 43.326 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

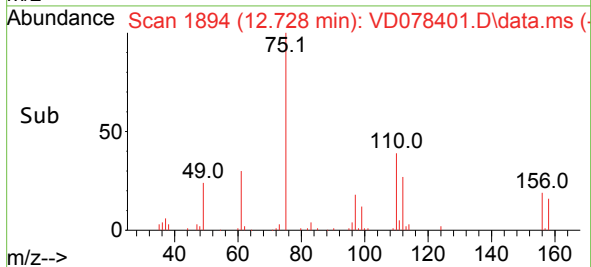
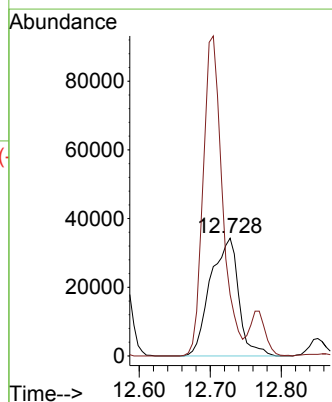
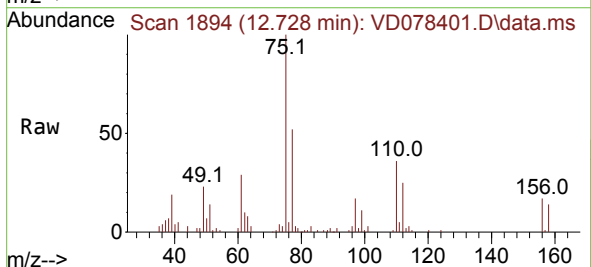
Instrument :
MSVOA_D
ClientSampleId :

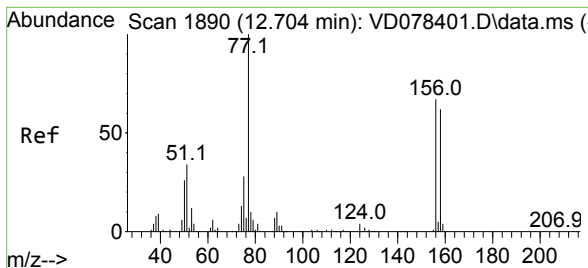
Tgt Ion: 83 Resp: 78548
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 64.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 81.821 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 75 Resp: 94792
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.737 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

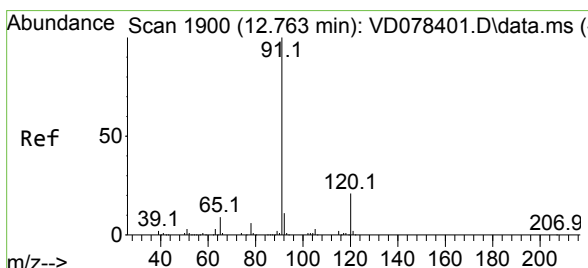
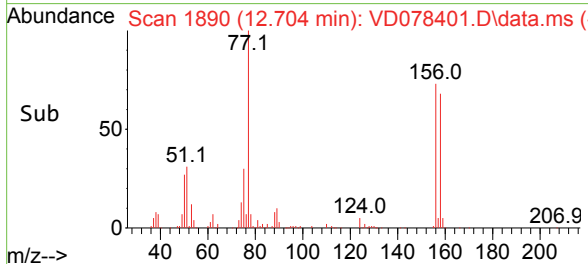
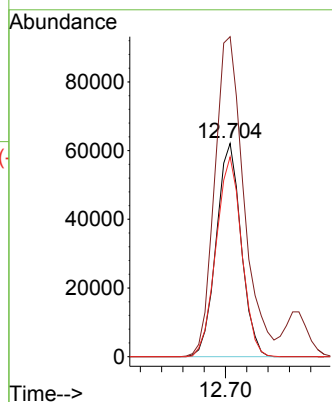
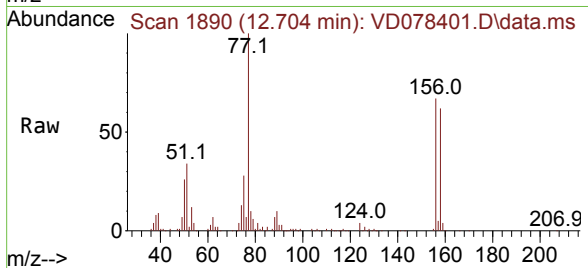
Tgt Ion:156 Resp: 100387

Ion Ratio Lower Upper

156 100

77 175.8 76.8 230.4

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 48.602 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078401.D

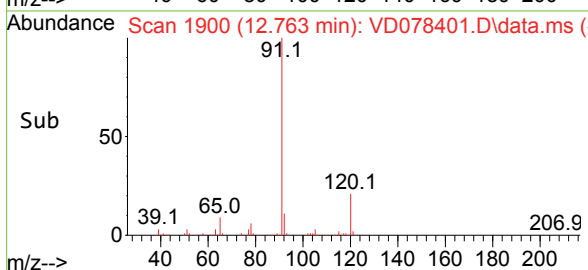
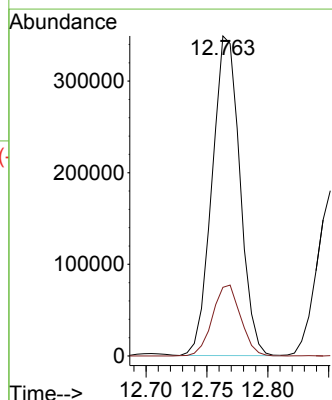
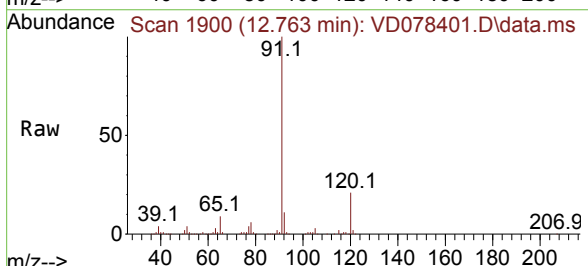
Acq: 13 Feb 2024 13:30

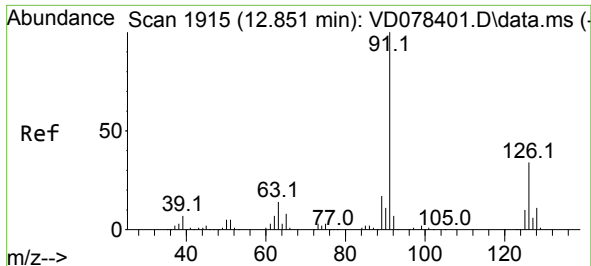
Tgt Ion: 91 Resp: 553555

Ion Ratio Lower Upper

91 100

120 22.5 12.4 37.2

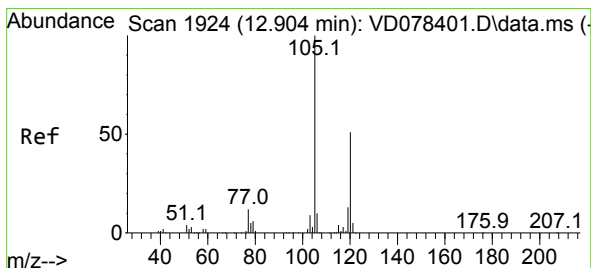
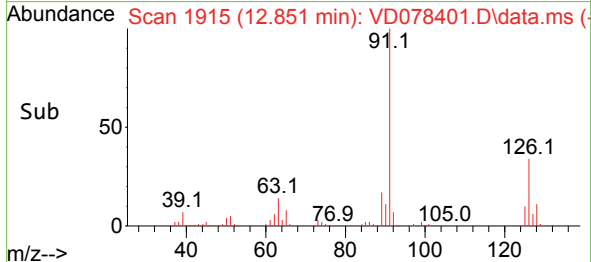
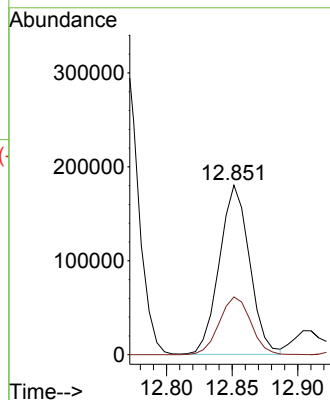
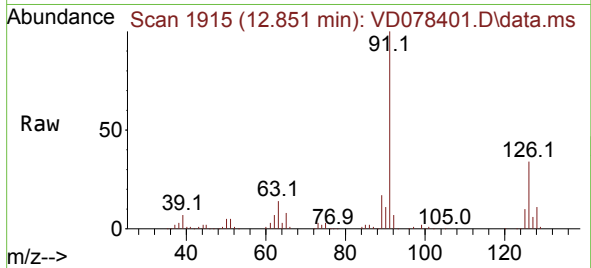




#79
2-Chlorotoluene
Concen: 47.374 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

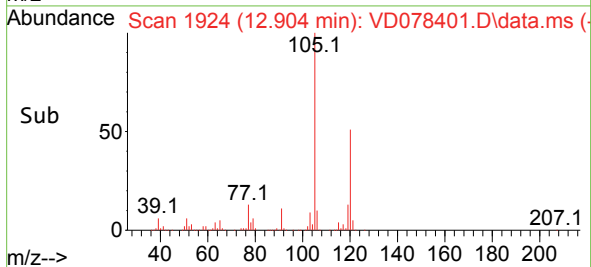
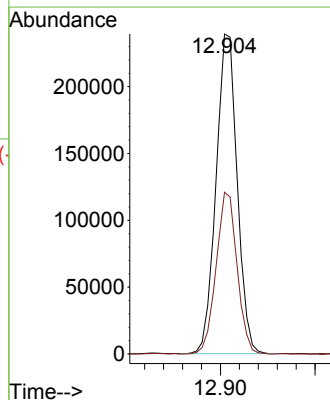
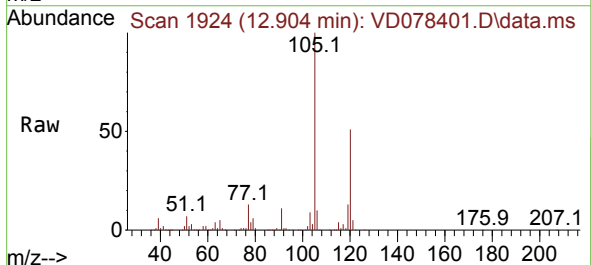
Instrument :
MSVOA_D
ClientSampleId :

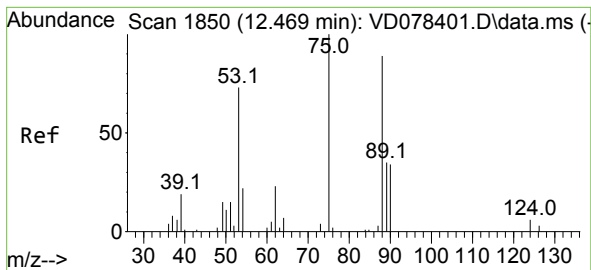
Tgt Ion: 91 Resp: 288992
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.859 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 105 Resp: 370796
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

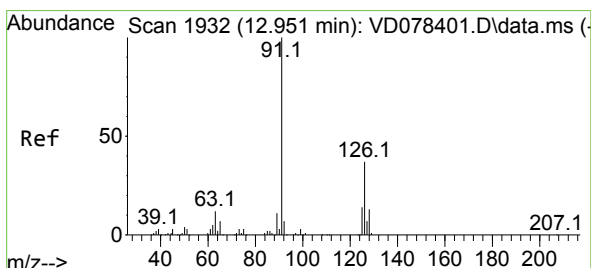
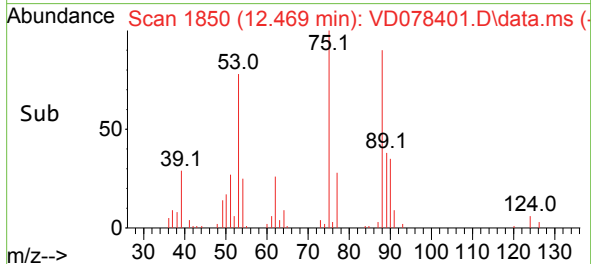
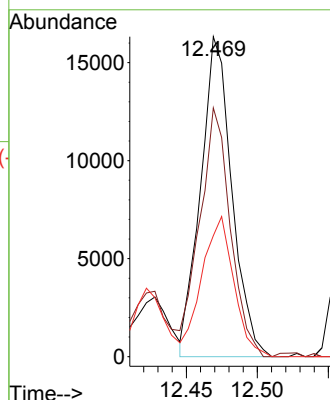
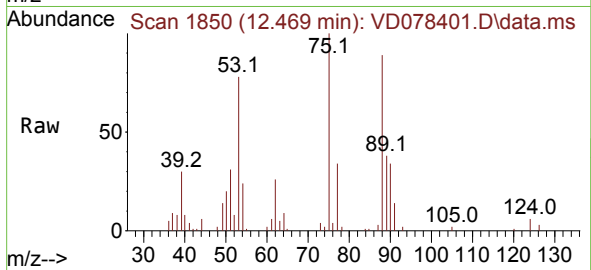




#81
trans-1,4-Dichloro-2-butene
Concen: 44.838 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

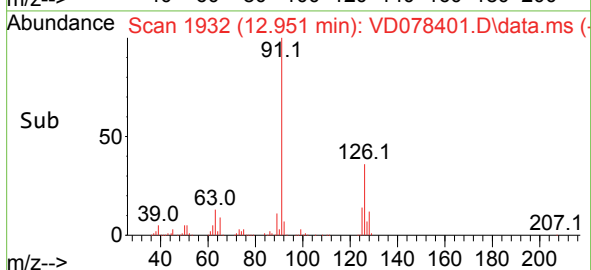
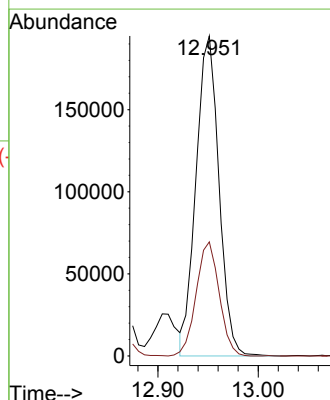
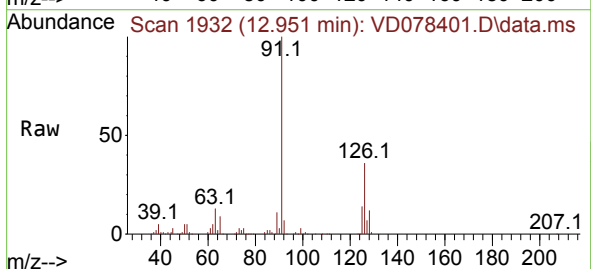
Instrument :
MSVOA_D
ClientSampleId :

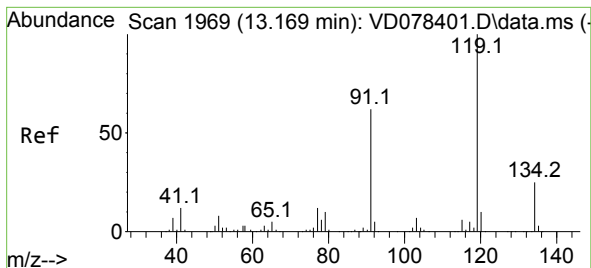
Tgt Ion	Ratio	Lower	Upper
75	100		
53	76.1	63.0	94.4
89	44.9	37.9	56.9



#82
4-Chlorotoluene
Concen: 47.354 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	19.4	58.4





#83

tert-Butylbenzene

Concen: 49.415 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

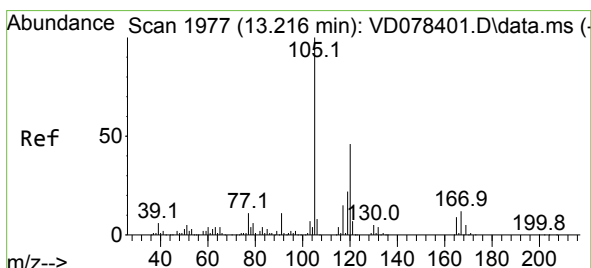
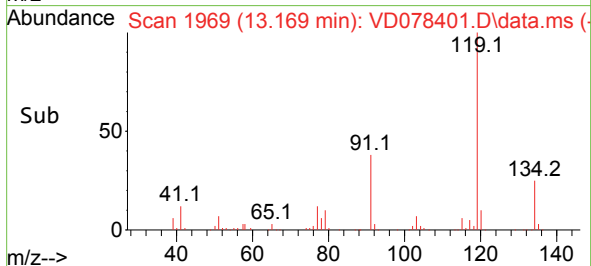
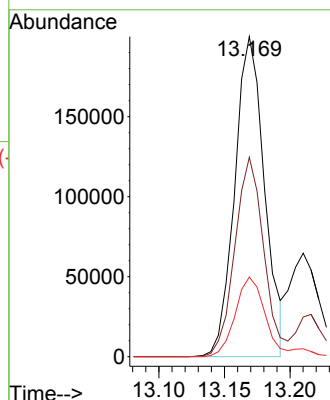
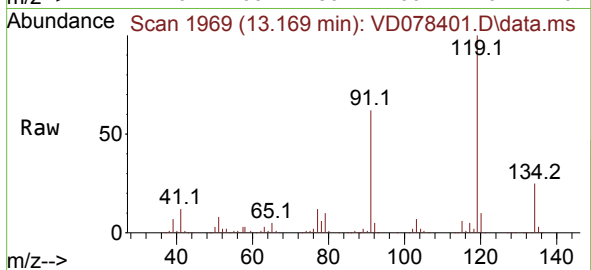
Tgt Ion:119 Resp: 316270

Ion Ratio Lower Upper

119 100

91 60.8 29.3 87.8

134 24.6 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 49.620 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD078401.D

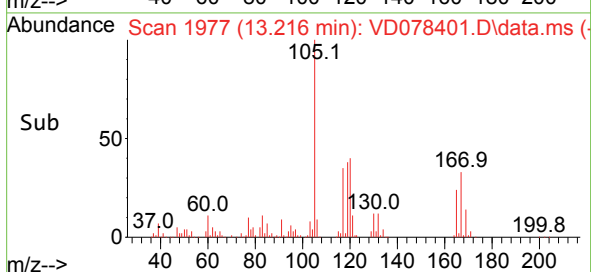
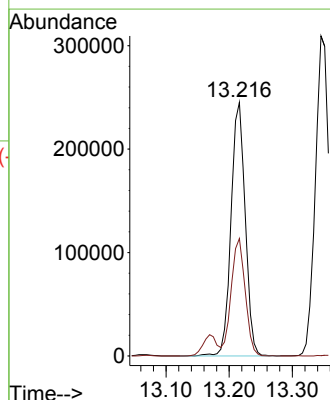
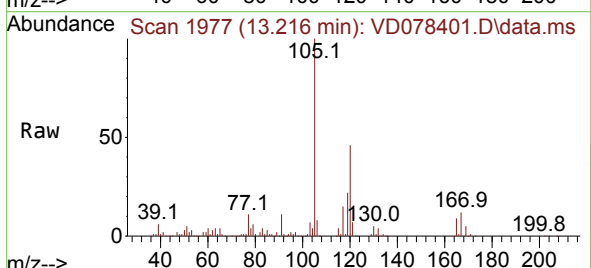
Acq: 13 Feb 2024 13:30

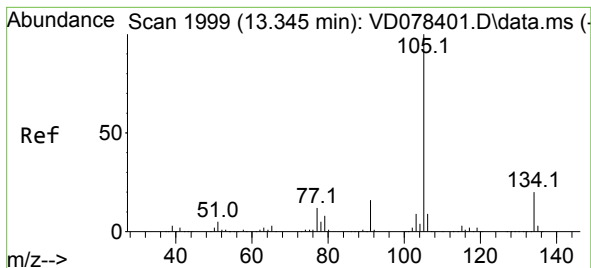
Tgt Ion:105 Resp: 382182

Ion Ratio Lower Upper

105 100

120 45.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 48.111 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

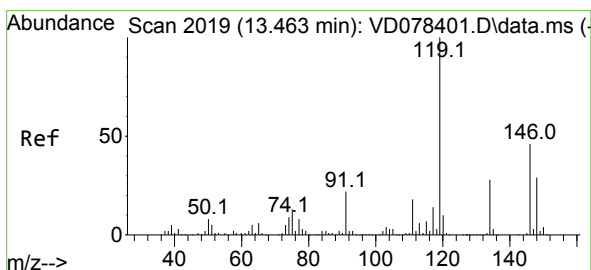
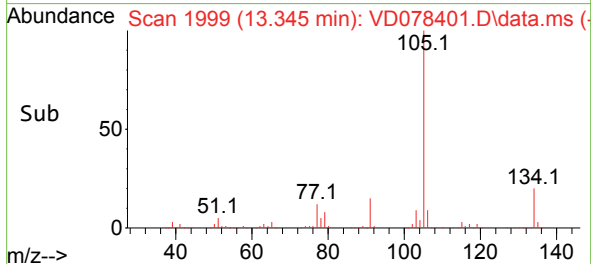
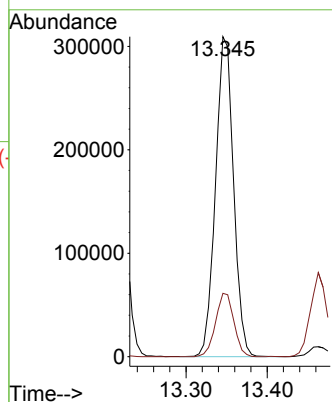
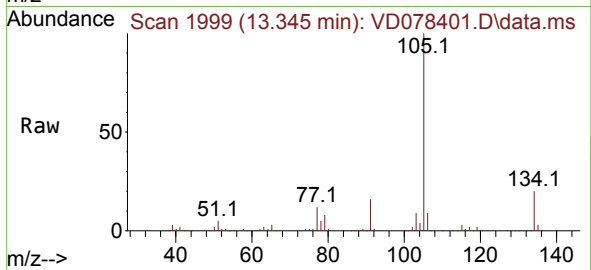
ClientSampleId :

Tgt Ion:105 Resp: 477546

Ion Ratio Lower Upper

105 100

134 20.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 50.628 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

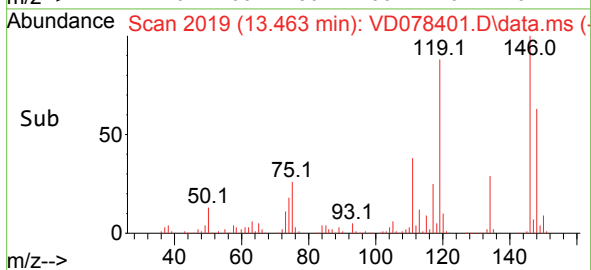
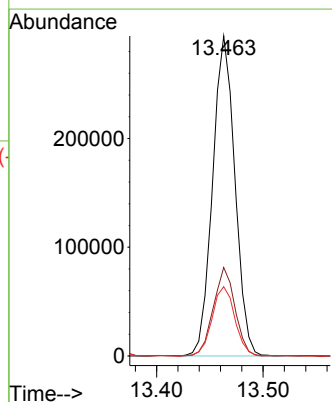
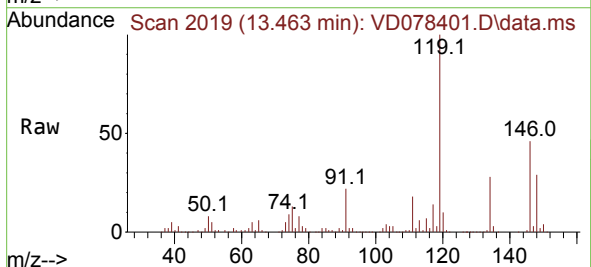
Tgt Ion:119 Resp: 428025

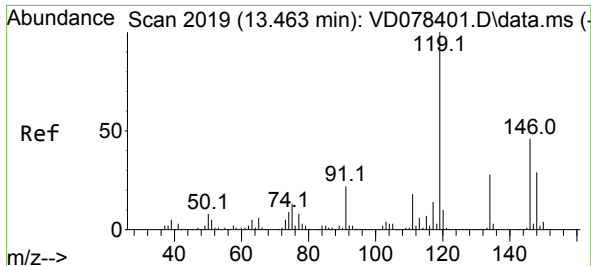
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 22.1 10.5 31.5

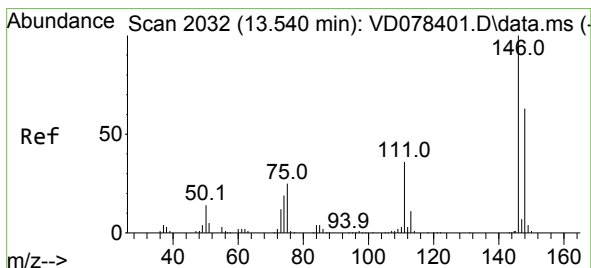
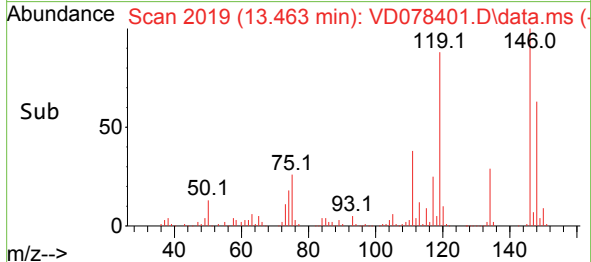
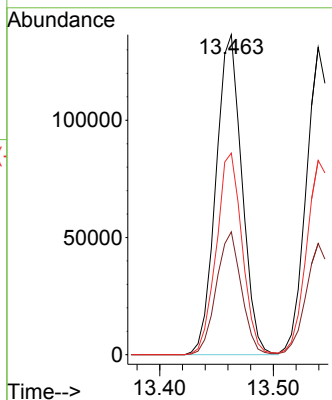
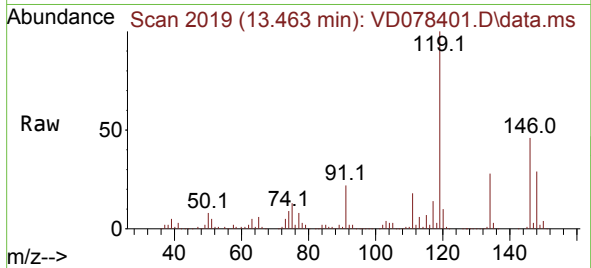




#87
1,3-Dichlorobenzene
Concen: 47.378 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

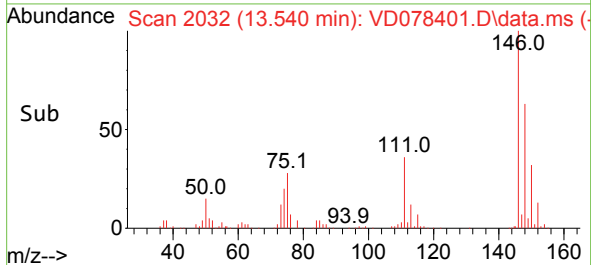
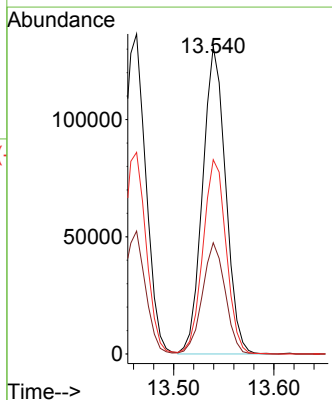
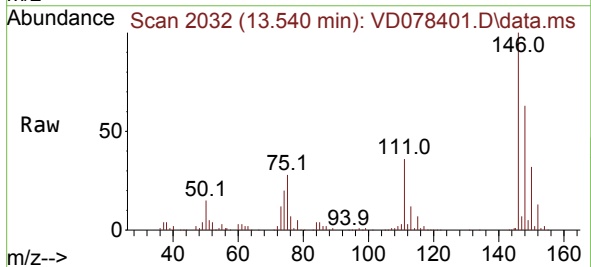
Instrument :
MSVOA_D
ClientSampleId :

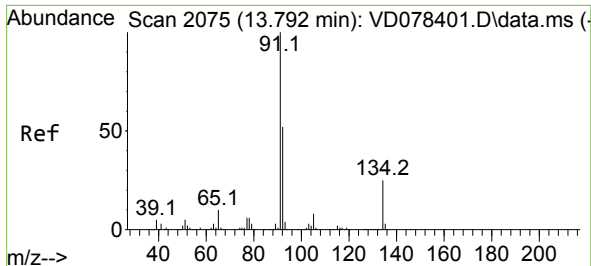
Tgt Ion:146 Resp: 217193
Ion Ratio Lower Upper
146 100
111 37.1 17.9 53.8
148 62.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 46.527 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion:146 Resp: 209576
Ion Ratio Lower Upper
146 100
111 36.0 17.4 52.3
148 63.8 31.7 95.1

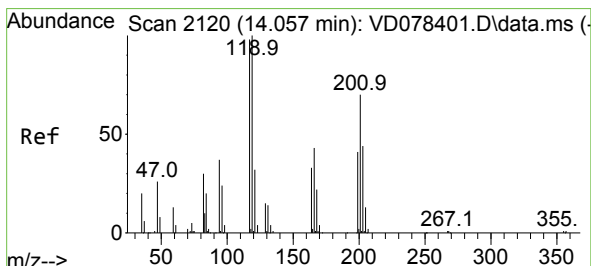
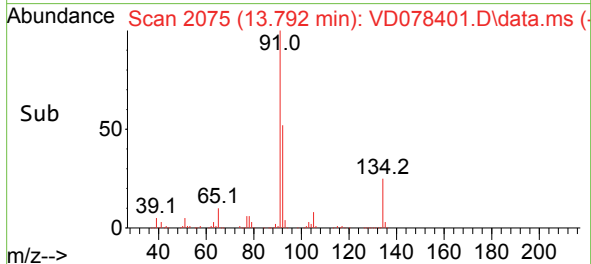
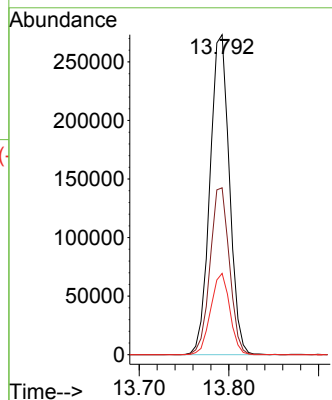
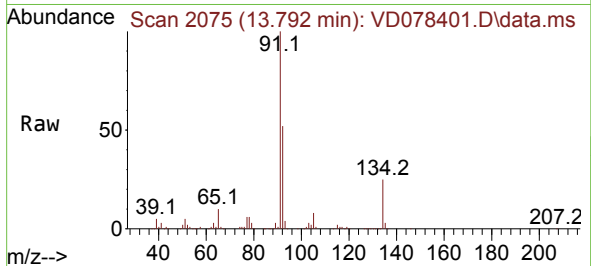




#89
n-Butylbenzene
Concen: 50.414 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

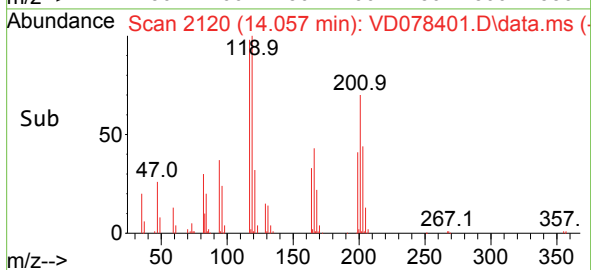
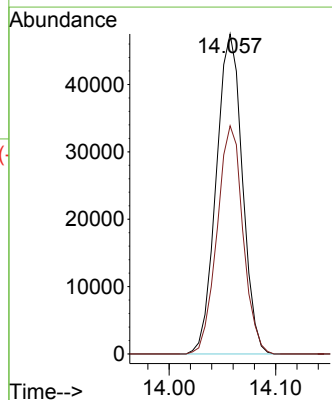
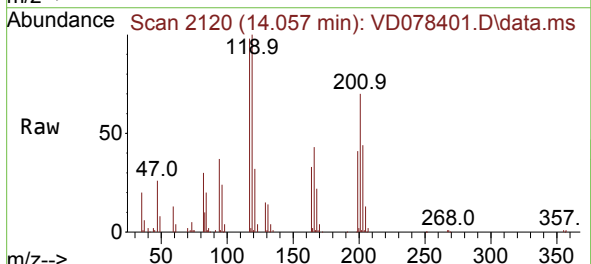
Instrument :
MSVOA_D
ClientSampleId :

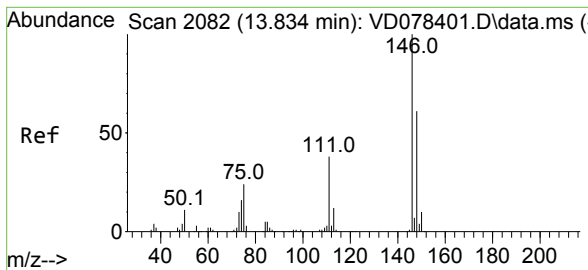
Tgt Ion: 91 Resp: 410812
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 25.0 13.8 41.3



#90
Hexachloroethane
Concen: 46.427 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078401.D
Acq: 13 Feb 2024 13:30

Tgt Ion: 117 Resp: 80674
Ion Ratio Lower Upper
117 100
201 70.8 38.5 115.5

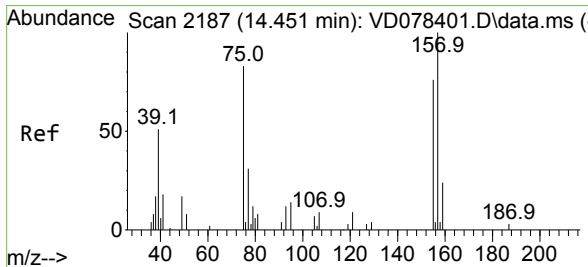
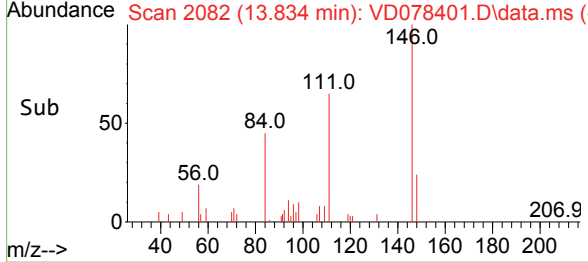
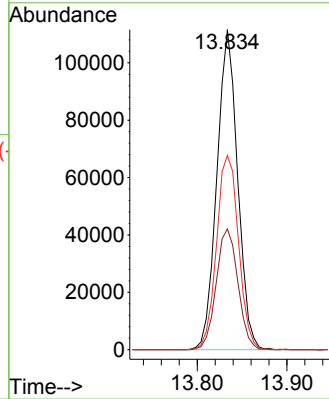
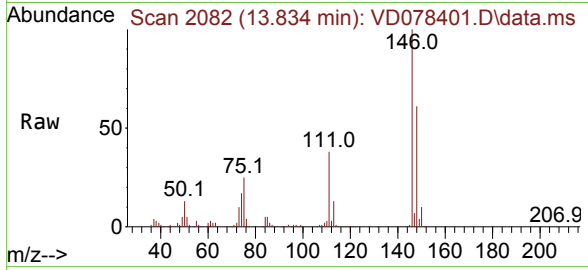




#91
 1,2-Dichlorobenzene
 Concen: 46.443 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

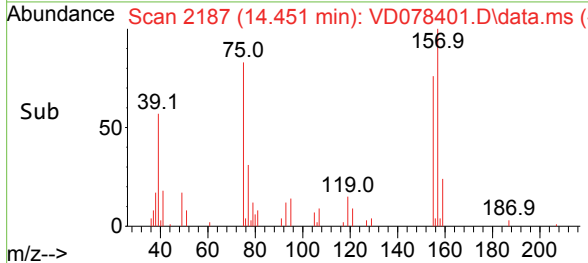
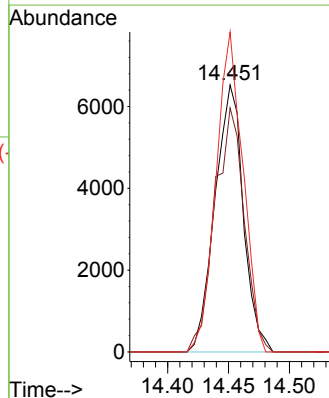
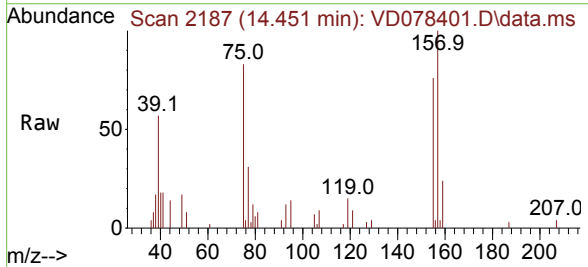
Instrument :
 MSVOA_D
 ClientSampleId :

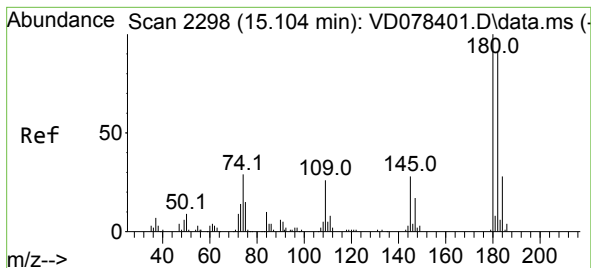
Tgt Ion:146 Resp: 178788
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.3 54.8
 148 64.4 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.573 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: VD078401.D
 Acq: 13 Feb 2024 13:30

Tgt Ion: 75 Resp: 10581
 Ion Ratio Lower Upper
 75 100
 155 94.9 47.9 143.8
 157 114.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 48.051 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

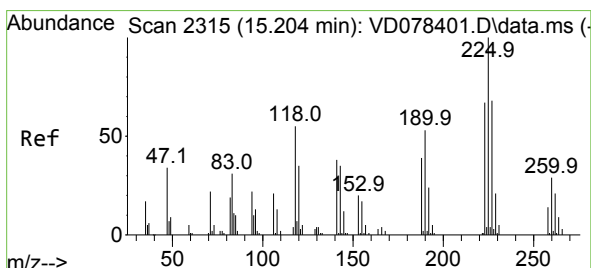
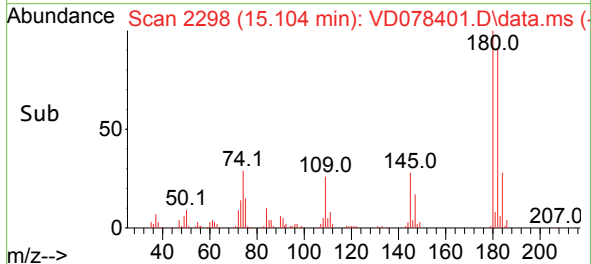
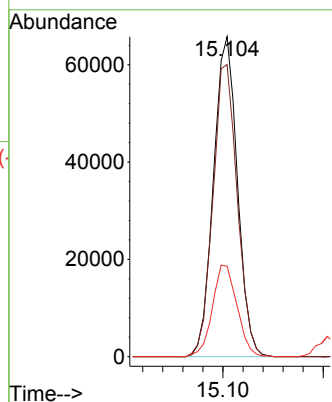
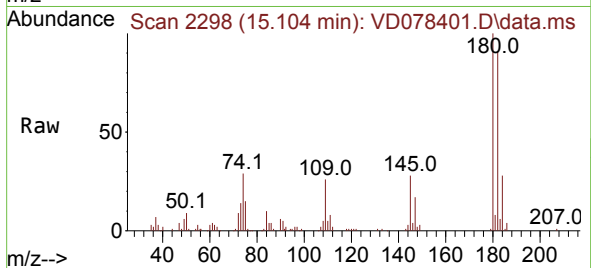
Tgt Ion:180 Resp: 108712

Ion Ratio Lower Upper

180 100

182 93.3 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.613 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

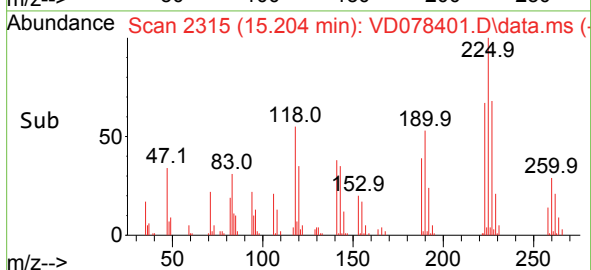
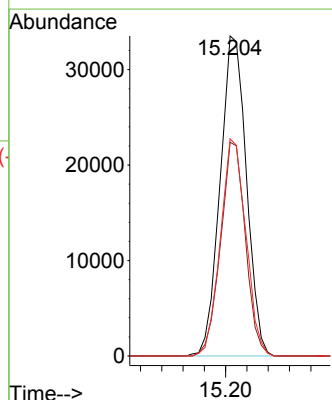
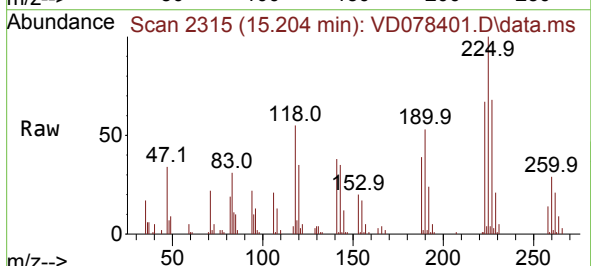
Tgt Ion:225 Resp: 57407

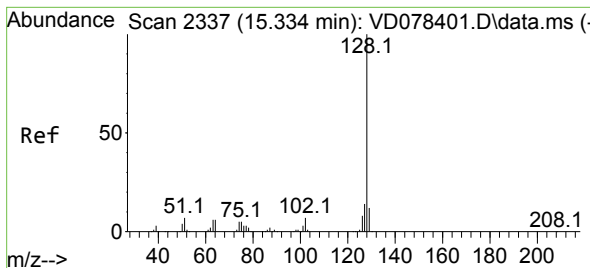
Ion Ratio Lower Upper

225 100

223 62.9 31.6 94.8

227 65.6 31.7 95.1





#95

Naphthalene

Concen: 46.429 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

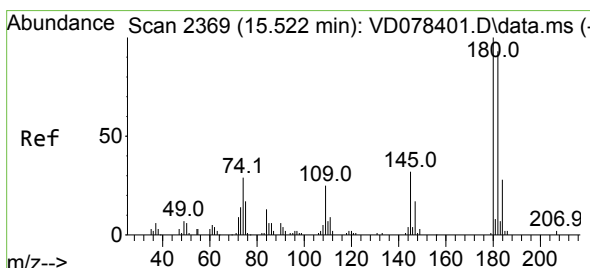
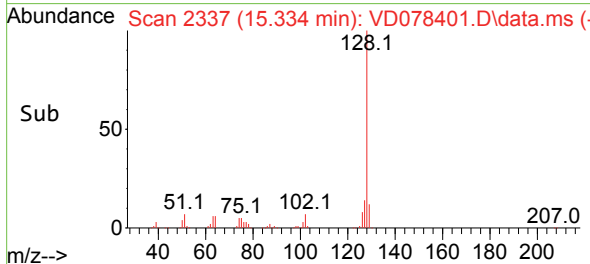
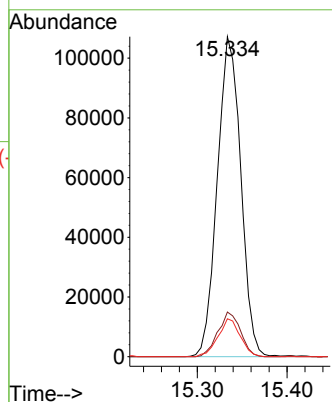
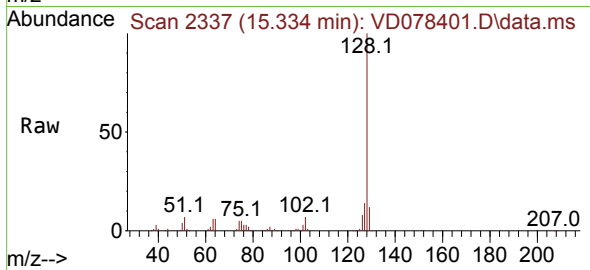
Tgt Ion:128 Resp: 194827

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 11.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.961 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078401.D

Acq: 13 Feb 2024 13:30

Tgt Ion:180 Resp: 91961

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.9

145 31.4 15.1 45.3

