

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078403.D
 Acq On : 13 Feb 2024 14:24
 Operator : RP/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 14 00:51:52 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	193054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	318823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	314986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	167289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	305593	146.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 292.800%#	
35) Dibromofluoromethane	7.810	113	330310	163.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 326.200%#	
50) Toluene-d8	10.269	98	1360710	167.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 335.920%#	
62) 4-Bromofluorobenzene	12.574	95	415550	176.263	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 352.520%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	271142	142.546	ug/l	99
3) Chloromethane	2.151	50	458530	131.171	ug/l	98
4) Vinyl Chloride	2.281	62	720787	135.127	ug/l	99
5) Bromomethane	2.669	94	612299	166.299	ug/l	98
6) Chloroethane	2.828	64	531458	136.634	ug/l	100
7) Trichlorofluoromethane	3.169	101	480268	133.471	ug/l	98
8) Diethyl Ether	3.593	74	154040	148.626	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.963	101	295597	130.219	ug/l	97
10) Methyl Iodide	4.163	142	335665	165.097	ug/l	93
11) Tert butyl alcohol	5.063	59	86604	777.417	ug/l	99
12) 1,1-Dichloroethene	3.940	96	295836	140.570	ug/l	84
13) Acrolein	3.798	56	133254	691.012	ug/l	98
14) Allyl chloride	4.563	41	362611	139.471	ug/l	92
15) Acrylonitrile	5.263	53	322889	727.757	ug/l	98
16) Acetone	4.028	43	261041	751.582	ug/l	88
17) Carbon Disulfide	4.269	76	944543	133.380	ug/l	100
18) Methyl Acetate	4.563	43	251660	150.091	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	701913	156.980	ug/l	100
20) Methylene Chloride	4.804	84	345747	152.555	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	362007	146.218	ug/l	98
22) Diisopropyl ether	6.222	45	818845	142.897	ug/l	99
23) Vinyl Acetate	6.157	43	1740316	729.261	ug/l	95
24) 1,1-Dichloroethane	6.116	63	561726	138.377	ug/l	99
25) 2-Butanone	7.086	43	386139	762.199	ug/l	93
26) 2,2-Dichloropropane	7.081	77	469672	138.017	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	403472	148.536	ug/l	97
28) Bromochloromethane	7.428	49	211225	131.372	ug/l	88
29) Tetrahydrofuran	7.445	42	230494	742.504	ug/l	95
30) Chloroform	7.598	83	601054	139.943	ug/l	99
31) Cyclohexane	7.881	56	460381	130.382	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	519429	141.847	ug/l	98
36) 1,1-Dichloropropene	8.010	75	472129	150.066	ug/l	97
37) Ethyl Acetate	7.169	43	162839	147.650	ug/l	97
38) Carbon Tetrachloride	7.992	117	472535	151.662	ug/l	97
39) Methylcyclohexane	9.275	83	584211	156.416	ug/l	97
40) Benzene	8.251	78	1415670	155.675	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	94900	165.340	ug/l	# 91
42) 1,2-Dichloroethane	8.328	62	350650	149.023	ug/l	97
43) Isopropyl Acetate	8.363	43	317838	155.633	ug/l	94
44) Trichloroethene	9.028	130	358423	154.495	ug/l	92
45) 1,2-Dichloropropane	9.310	63	337178	151.120	ug/l	100
46) Dibromomethane	9.392	93	195534	155.807	ug/l	93
47) Bromodichloromethane	9.586	83	476699	153.359	ug/l	98
48) Methyl methacrylate	9.380	41	183060	168.956	ug/l	87
49) 1,4-Dioxane	9.386	88	45133	3320.829	ug/l	93
51) 4-Methyl-2-Pentanone	10.163	43	837705	772.853	ug/l	96
52) Toluene	10.333	92	946223	164.540	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	462309	162.998	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	547281	159.128	ug/l	# 92
55) 1,1,2-Trichloroethane	10.733	97	269642	159.546	ug/l	97
56) Ethyl methacrylate	10.598	69	237772	152.119	ug/l	96
57) 1,3-Dichloropropane	10.880	76	449820	156.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	780770	848.007	ug/l	97
59) 2-Hexanone	10.922	43	591897	726.635	ug/l	96
60) Dibromochloromethane	11.075	129	339940	167.175	ug/l	97
61) 1,2-Dibromoethane	11.180	107	262826	165.649	ug/l	99
64) Tetrachloroethene	10.810	164	305780	153.694	ug/l	95
65) Chlorobenzene	11.610	112	996013	157.287	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	381279	163.839	ug/l	97
67) Ethyl Benzene	11.686	91	1860837	164.006	ug/l	98
68) m/p-Xylenes	11.792	106	1474339	333.128	ug/l	94
69) o-Xylene	12.122	106	683089	169.132	ug/l	94
70) Styrene	12.133	104	1045196	158.567	ug/l	97
71) Bromoform	12.298	173	199193	162.623	ug/l	# 99
73) Isopropylbenzene	12.422	105	1753728	156.119	ug/l	97
74) N-amyl acetate	12.233	43	294347	138.507	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.674	83	309076	138.705	ug/l	100
76) 1,2,3-Trichloropropane	12.721	75	376631	264.499	ug/l	# 100
77) Bromobenzene	12.704	156	419858	159.038	ug/l	95
78) n-propylbenzene	12.763	91	2084763	148.924	ug/l	96
79) 2-Chlorotoluene	12.851	91	1120514	149.446	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	1457927	156.301	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	96800	141.497	ug/l	98
82) 4-Chlorotoluene	12.951	91	1192175	148.047	ug/l	98
83) tert-Butylbenzene	13.169	119	1230694	156.446	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	1521759	160.749	ug/l	97
85) sec-Butylbenzene	13.345	105	1799071	147.466	ug/l	97
86) p-Isopropyltoluene	13.463	119	1689455	162.585	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	880511	156.271	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	830807	150.065	ug/l	99
89) n-Butylbenzene	13.792	91	1486348	148.402	ug/l	99
90) Hexachloroethane	14.057	117	300193	140.558	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	734928	155.326	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	41182	141.145	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	444232	159.754	ug/l	98
94) Hexachlorobutadiene	15.204	225	213965	147.417	ug/l	100
95) Naphthalene	15.333	128	880678	170.755	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	396021	168.044	ug/l	99

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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :

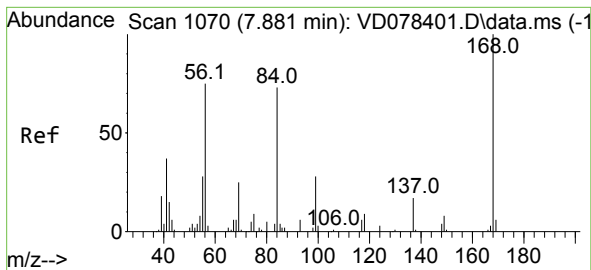
Quant Time: Feb 14 00:51:52 2024
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QLast Update : Wed Feb 14 00:36:44 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

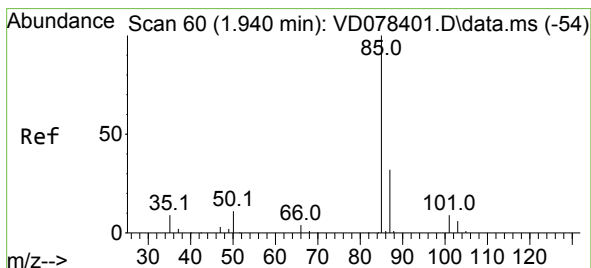
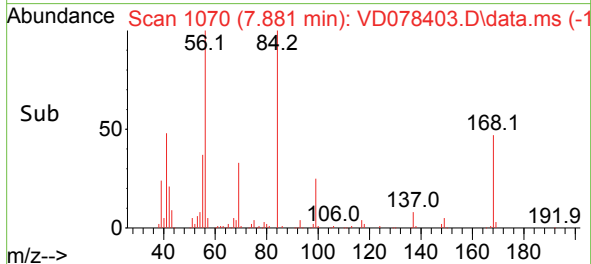
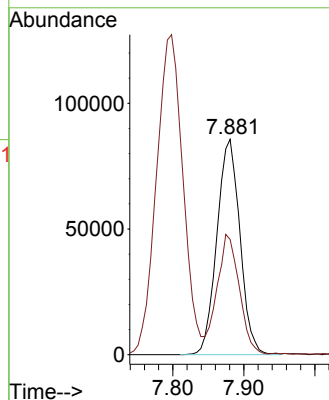
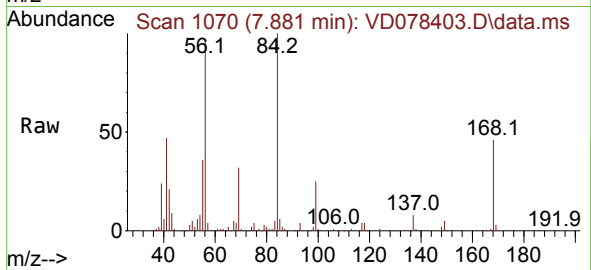
ClientSampleId :

Tgt Ion:168 Resp: 193054

Ion Ratio Lower Upper

168 100

99 53.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 142.546 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.006 min

Lab File: VD078403.D

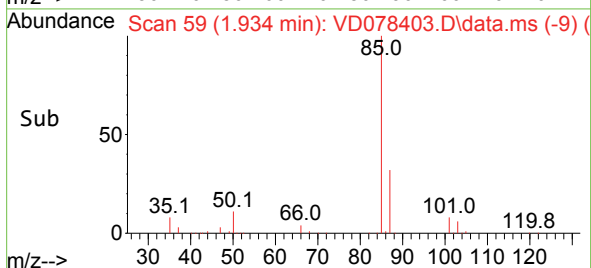
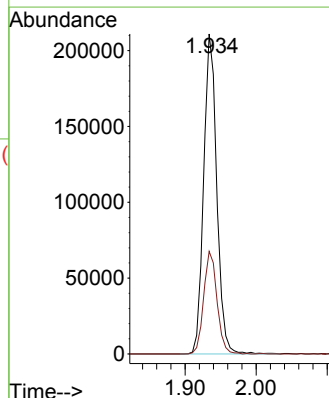
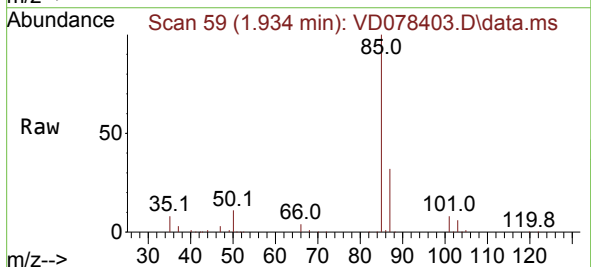
Acq: 13 Feb 2024 14:24

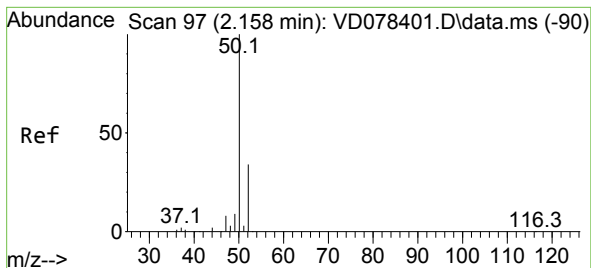
Tgt Ion: 85 Resp: 271142

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.0





#3

Chloromethane

Concen: 131.171 ug/l

RT: 2.151 min Scan# 90

Delta R.T. -0.006 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

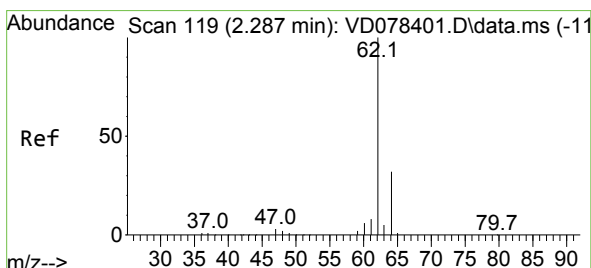
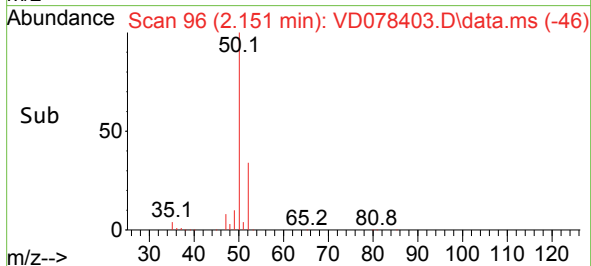
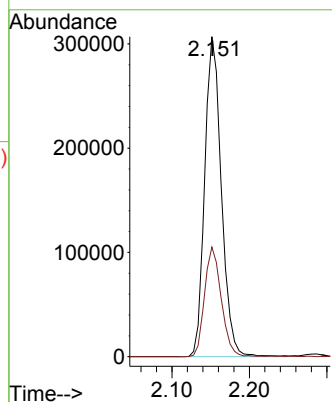
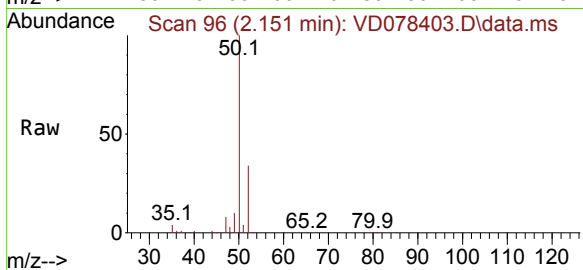
ClientSampleId :

Tgt Ion: 50 Resp: 458530

Ion Ratio Lower Upper

50 100

52 34.2 26.6 40.0



#4

Vinyl Chloride

Concen: 135.127 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD078403.D

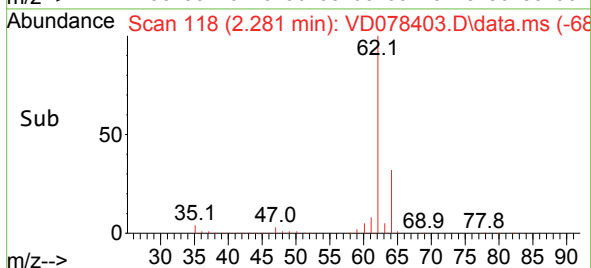
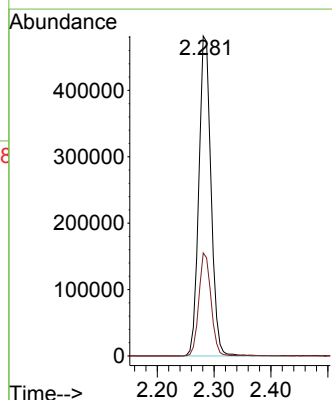
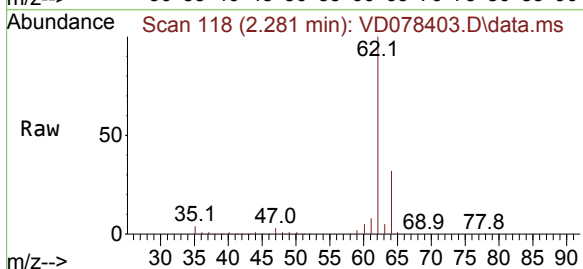
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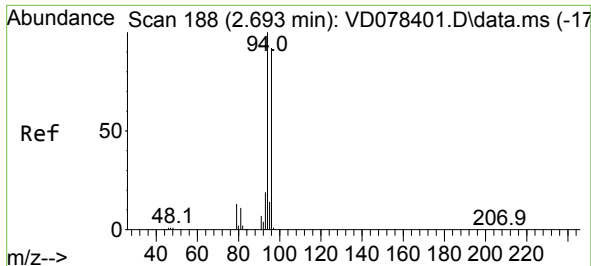
Tgt Ion: 62 Resp: 720787

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0

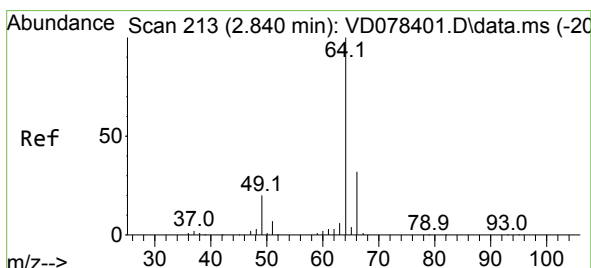
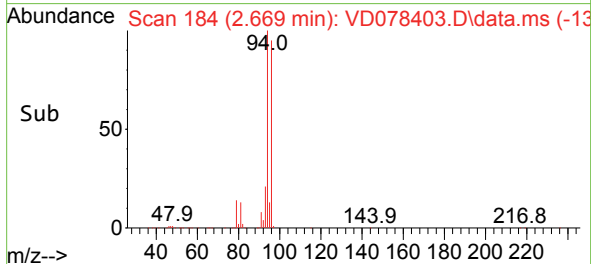
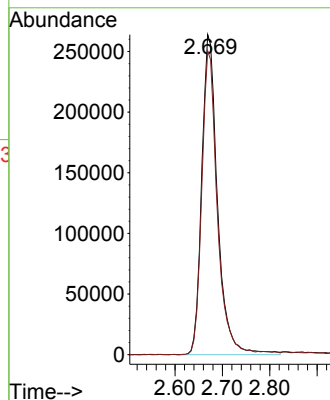
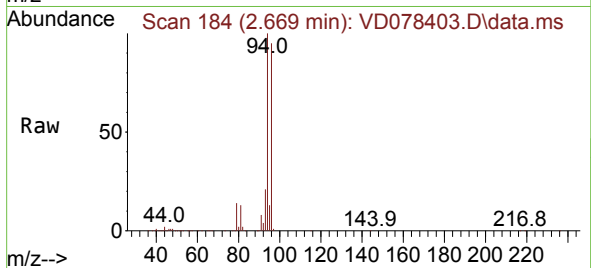




#5
Bromomethane
Concen: 166.299 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

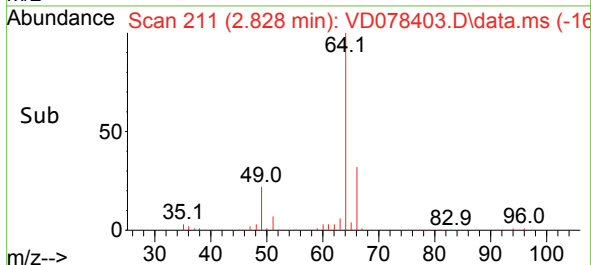
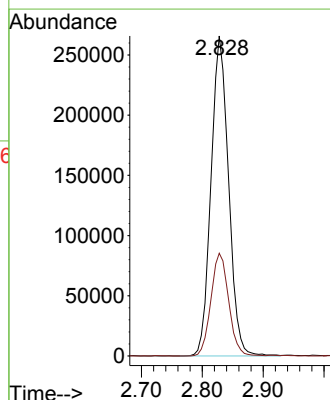
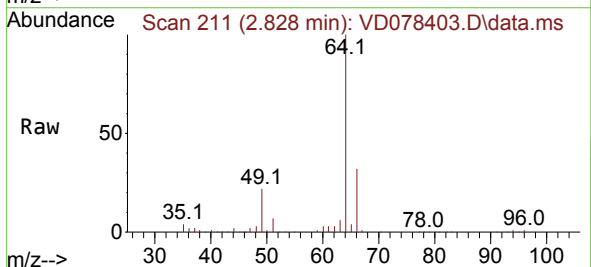
Instrument :
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ClientSampleId :

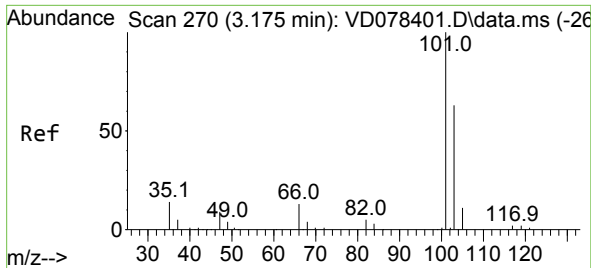
Tgt Ion: 94 Resp: 612299
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.8



#6
Chloroethane
Concen: 136.634 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

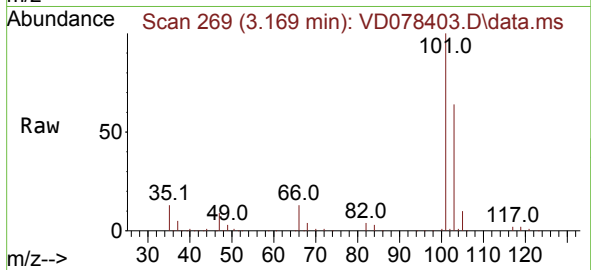
Tgt Ion: 64 Resp: 531458
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3



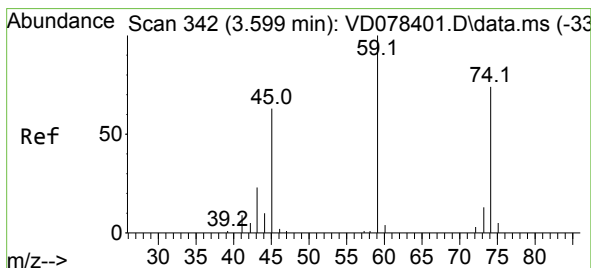
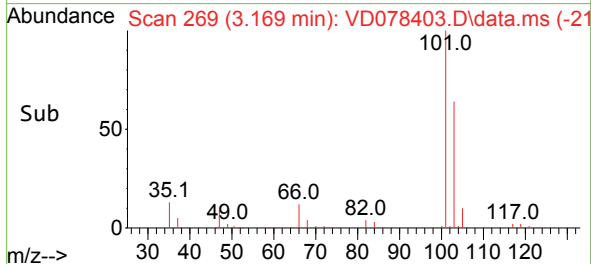
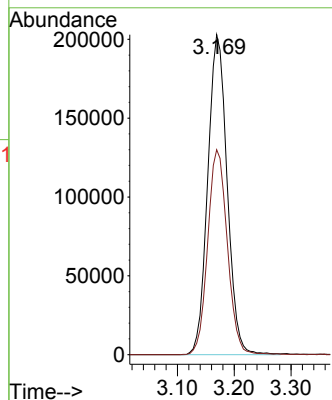


#7
 Trichlorofluoromethane
 Concen: 133.471 ug/l
 RT: 3.169 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

Instrument :
 MSVOA_D
 ClientSampleId :

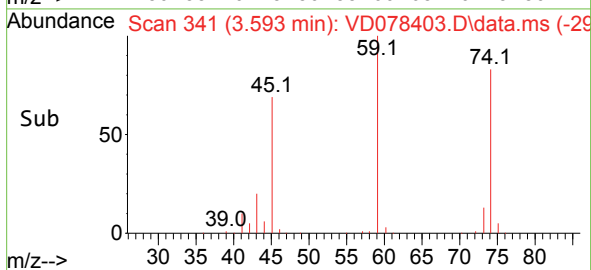
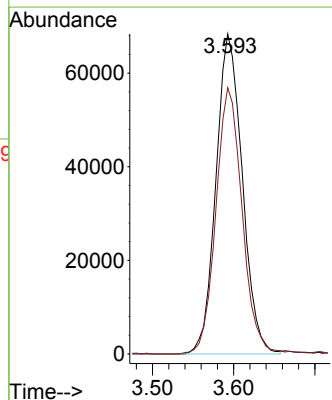
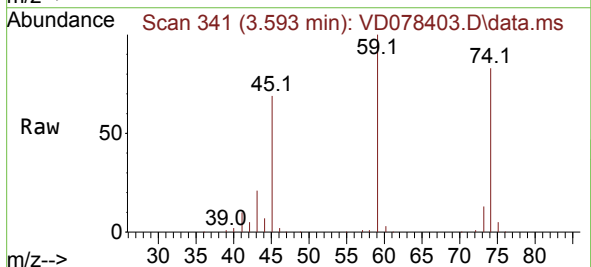


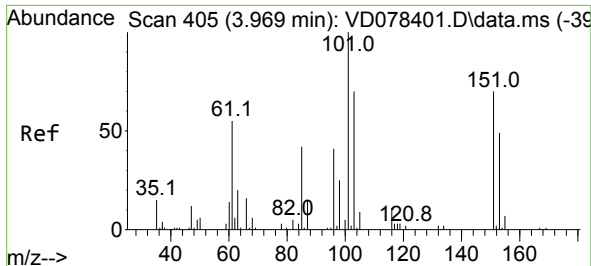
Tgt Ion:101 Resp: 480268
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 148.626 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

Tgt Ion: 74 Resp: 154040
 Ion Ratio Lower Upper
 74 100
 45 83.3 37.5 112.7

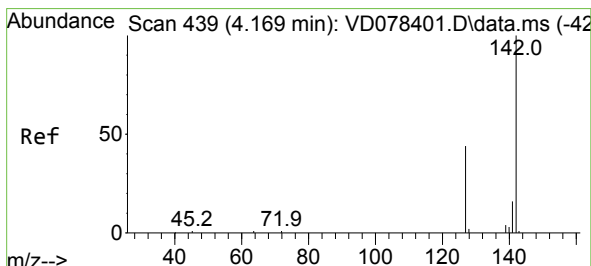
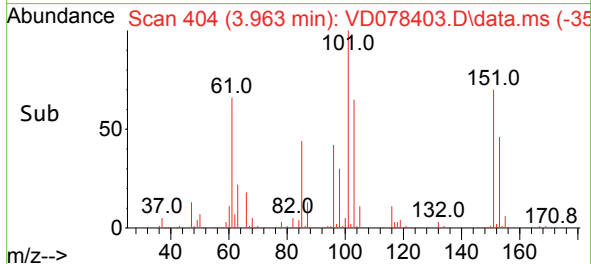
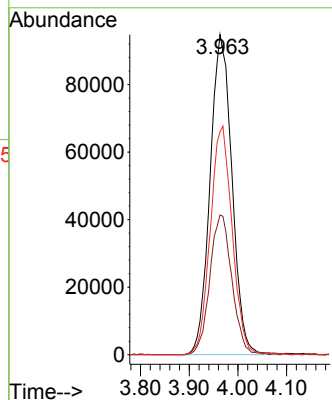
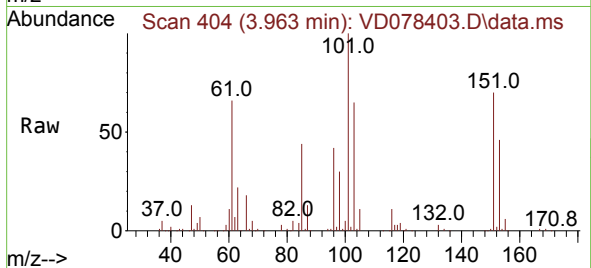




#9
1,1,2-Trichlorotrifluoroethane
Concen: 130.219 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078403.D
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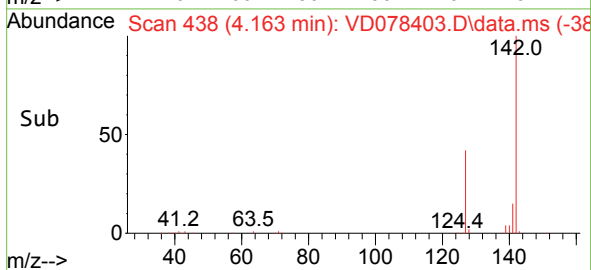
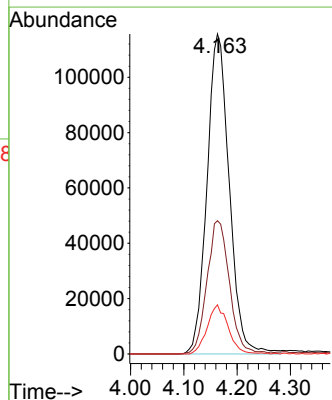
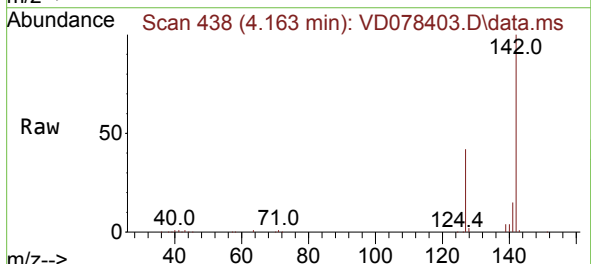
Instrument :
MSVOA_D
ClientSampleId :

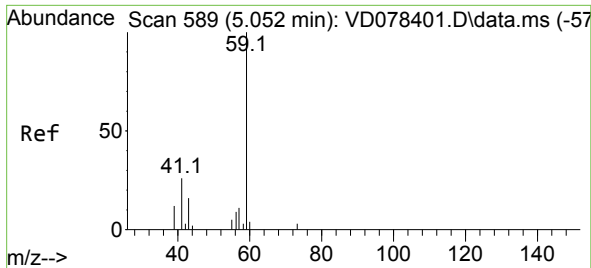
Tgt Ion:101 Resp: 295597
Ion Ratio Lower Upper
101 100
85 43.9 33.8 50.6
151 71.4 59.8 89.6



#10
Methyl Iodide
Concen: 165.097 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion:142 Resp: 335665
Ion Ratio Lower Upper
142 100
127 42.0 29.4 44.0
141 14.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 777.417 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.011 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

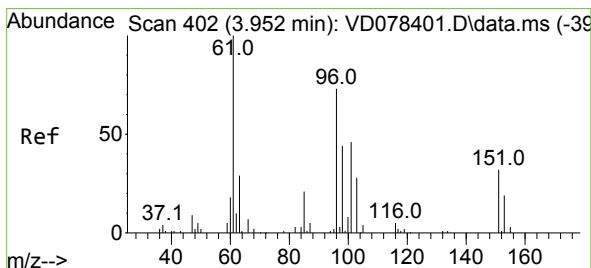
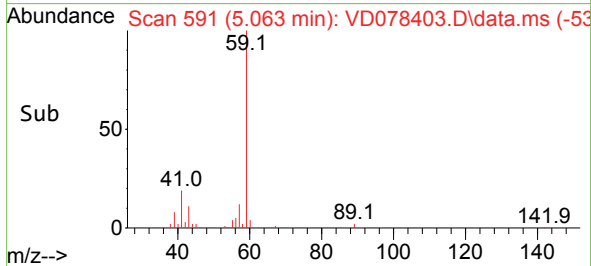
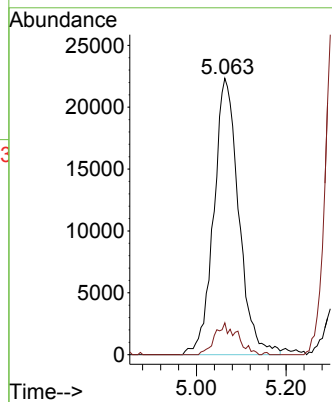
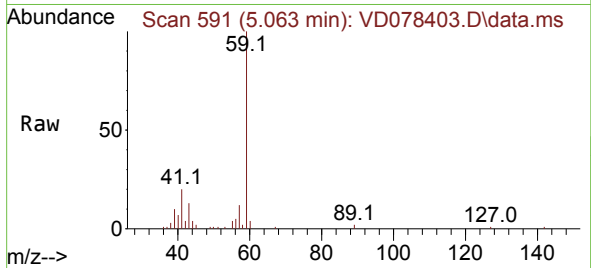
ClientSampleId :

Tgt Ion: 59 Resp: 86604

Ion Ratio Lower Upper

59 100

57 10.2 7.8 11.8



#12

1,1-Dichloroethene

Concen: 140.570 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.012 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

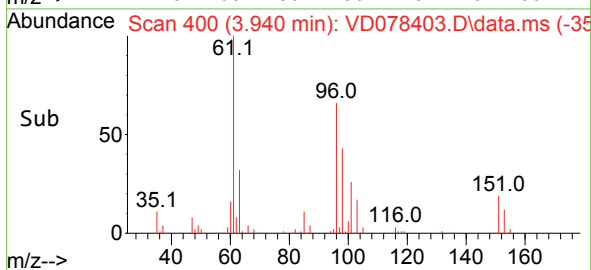
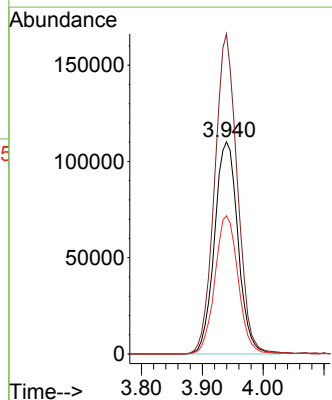
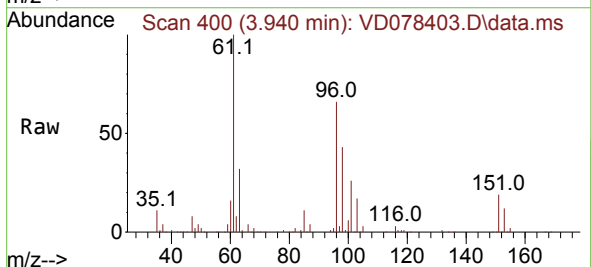
Tgt Ion: 96 Resp: 295836

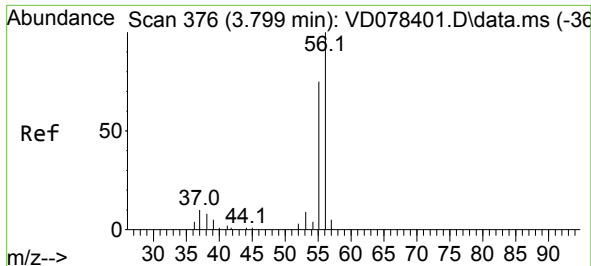
Ion Ratio Lower Upper

96 100

61 150.8 100.6 150.8

98 65.1 50.2 75.2





#13

Acrolein

Concen: 691.012 ug/l

RT: 3.798 min Scan# 31

Delta R.T. -0.001 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

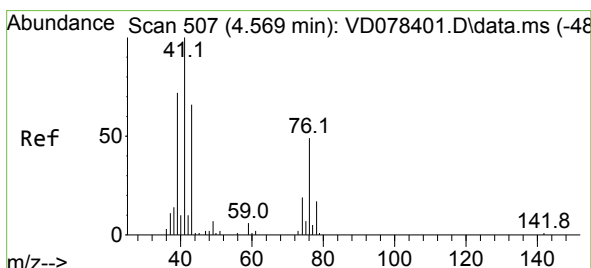
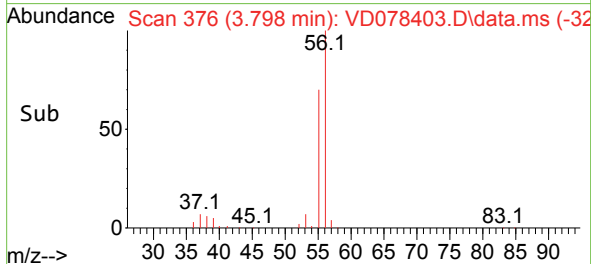
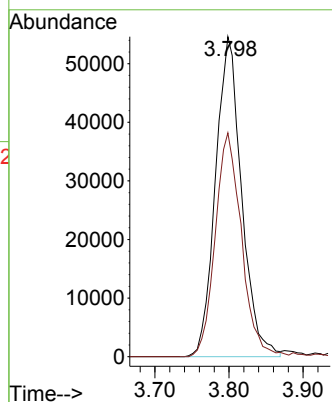
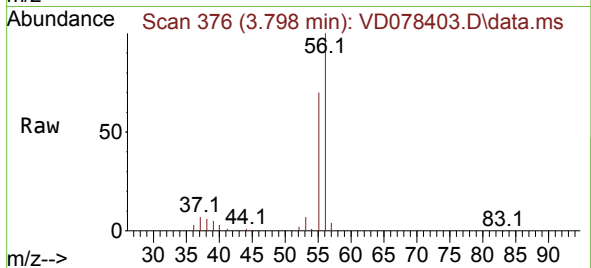
ClientSampleId :

Tgt Ion: 56 Resp: 133254

Ion Ratio Lower Upper

56 100

55 70.4 55.1 82.7



#14

Allyl chloride

Concen: 139.471 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

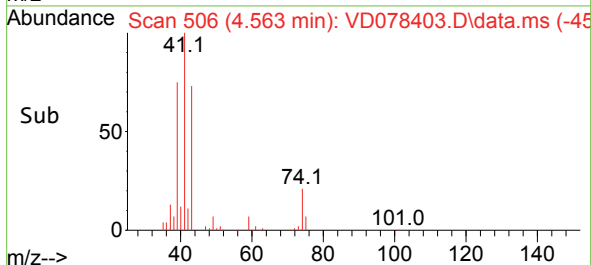
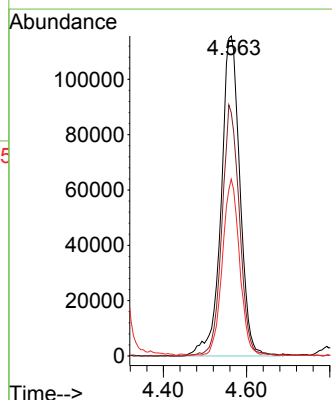
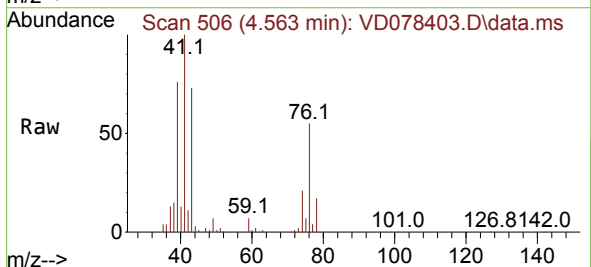
Tgt Ion: 41 Resp: 362611

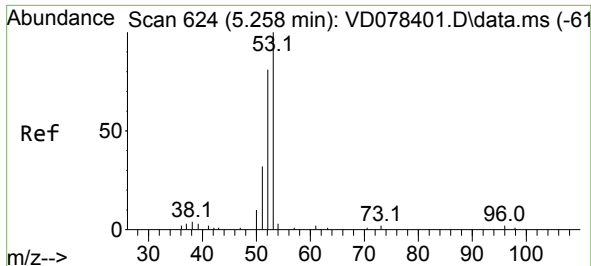
Ion Ratio Lower Upper

41 100

39 73.2 53.8 80.6

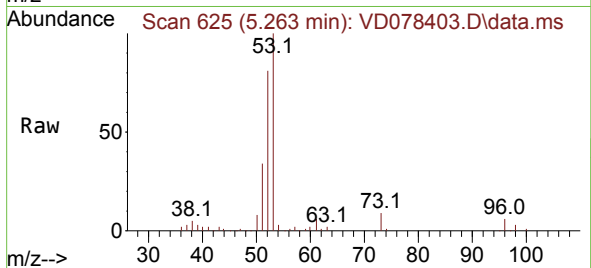
76 50.3 45.8 68.8



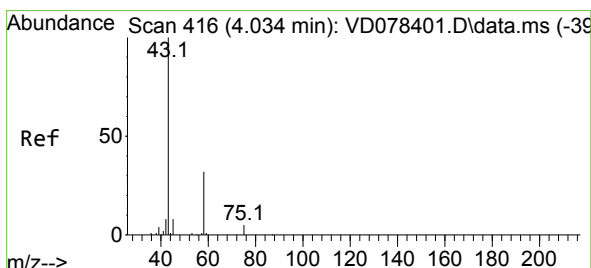
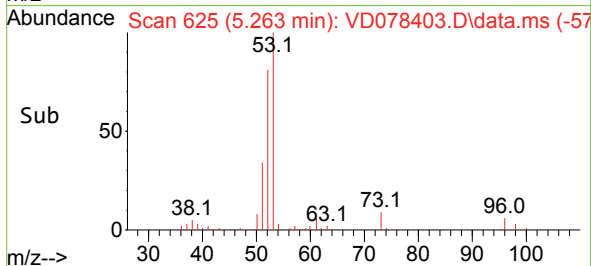
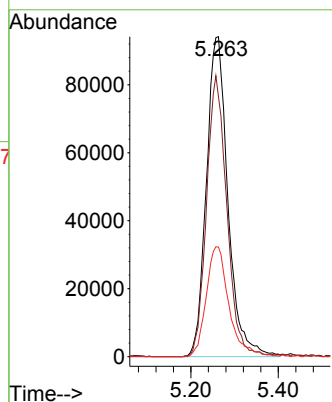


#15
Acrylonitrile
Concen: 727.757 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Instrument :
MSVOA_D
ClientSampleId :

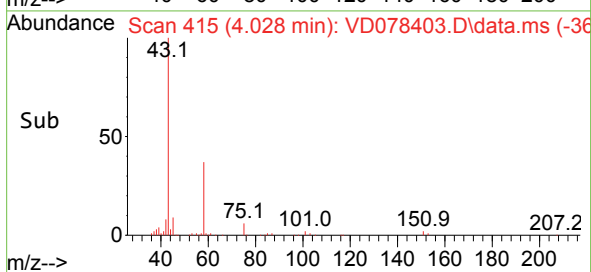
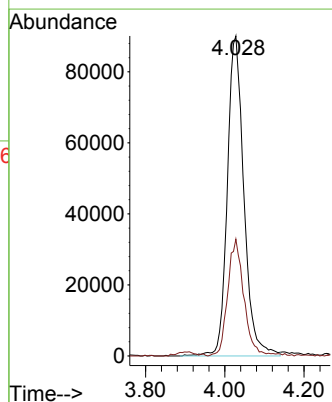
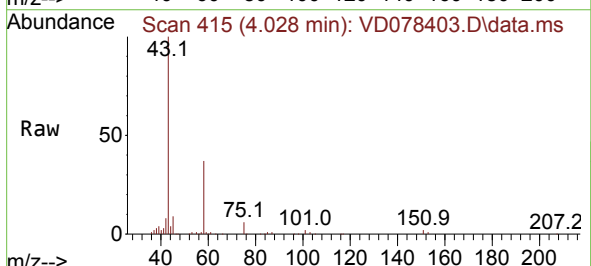


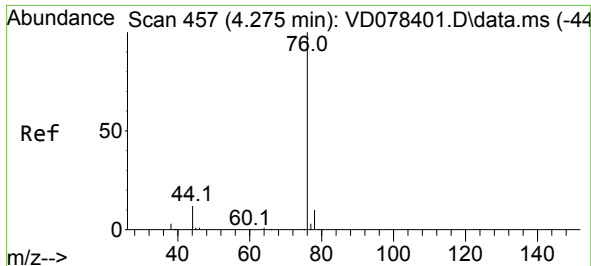
Tgt Ion: 53 Resp: 322889
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.4
51 36.3 28.3 42.5



#16
Acetone
Concen: 751.582 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 43 Resp: 261041
Ion Ratio Lower Upper
43 100
58 35.9 34.7 52.1

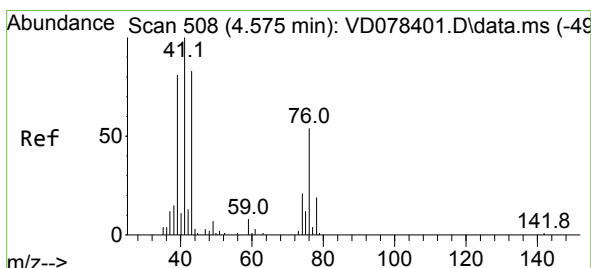
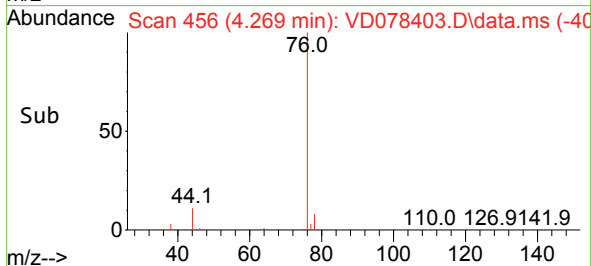
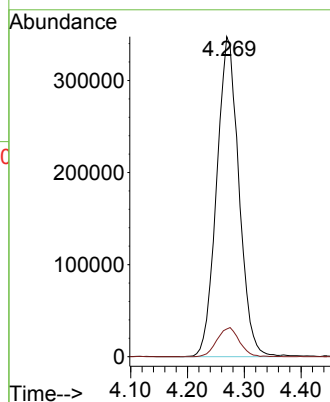
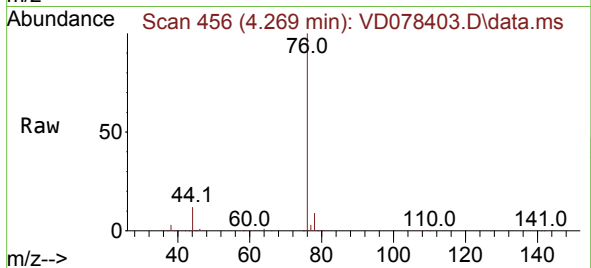




#17
Carbon Disulfide
Concen: 133.380 ug/l
RT: 4.269 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

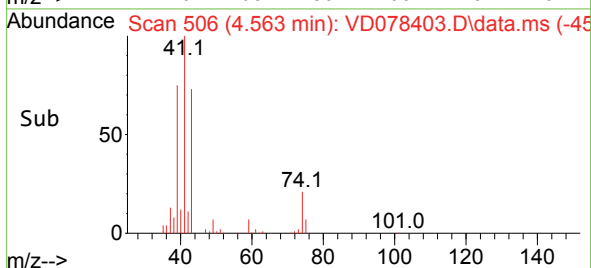
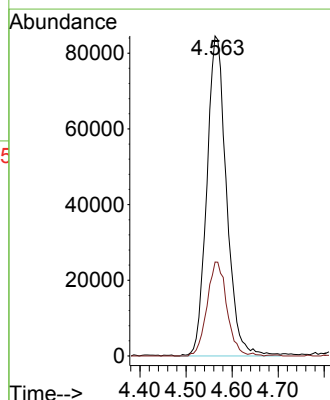
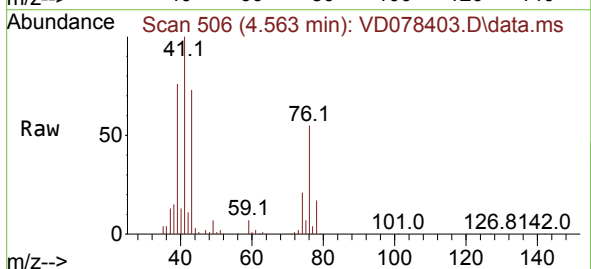
Instrument :
MSVOA_D
ClientSampleId :

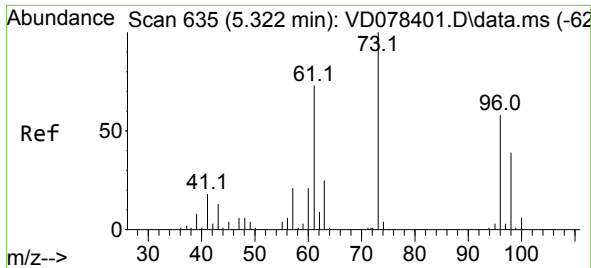
Tgt Ion: 76 Resp: 944543
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 150.091 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 43 Resp: 251660
Ion Ratio Lower Upper
43 100
74 29.3 26.4 39.6

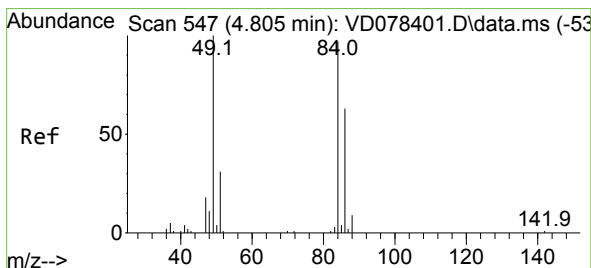
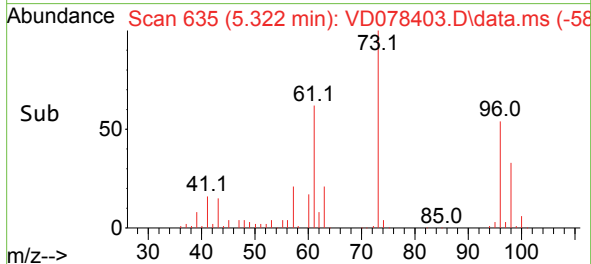
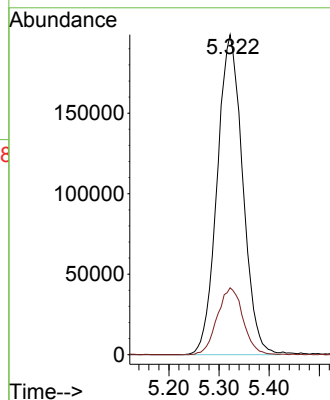
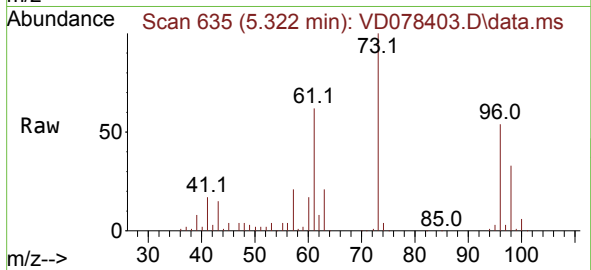




#19
Methyl tert-butyl Ether
Concen: 156.980 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

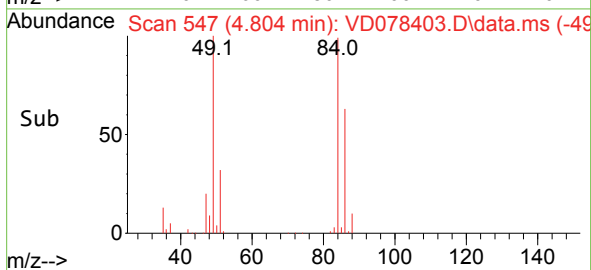
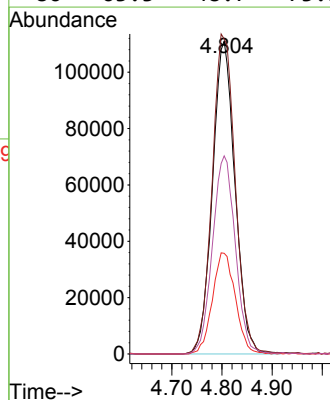
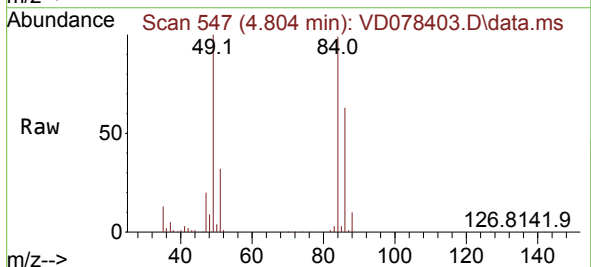
Instrument :
MSVOA_D
ClientSampleId :

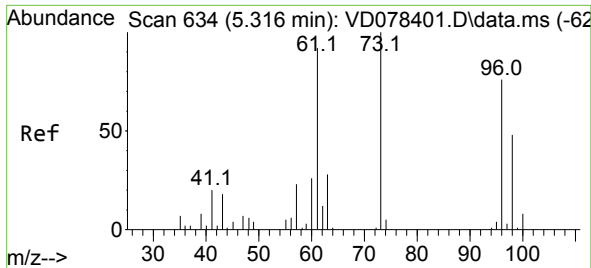
Tgt Ion: 73 Resp: 701913
Ion Ratio Lower Upper
73 100
57 20.9 16.6 25.0



#20
Methylene Chloride
Concen: 152.555 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.001 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

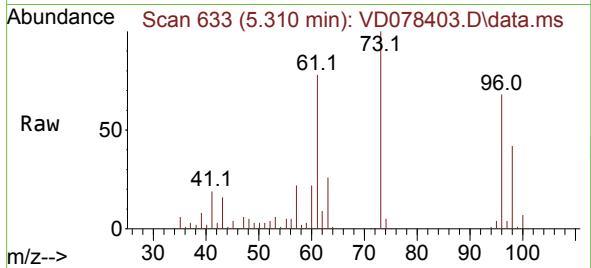
Tgt Ion: 84 Resp: 345747
Ion Ratio Lower Upper
84 100
49 100.6 71.4 107.2
51 32.2 24.5 36.7
86 63.3 48.7 73.1



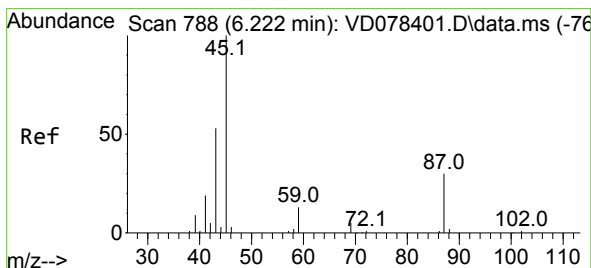
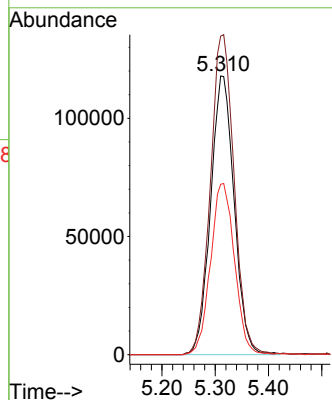
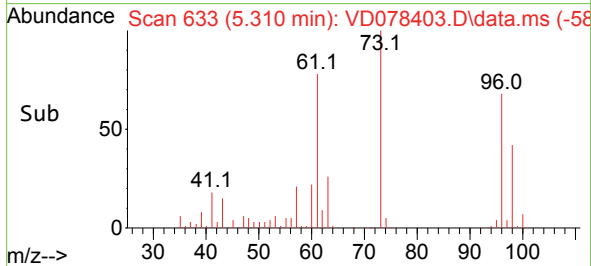


#21
trans-1,2-Dichloroethene
Concen: 146.218 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Instrument :
MSVOA_D
ClientSampleId :

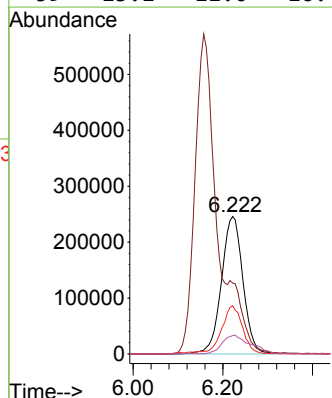
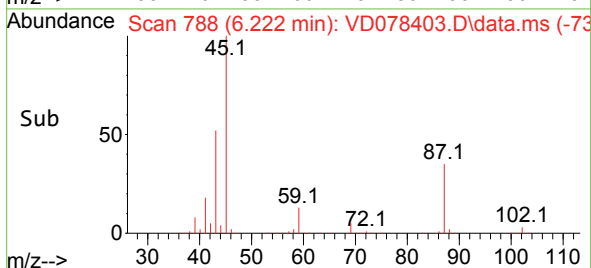
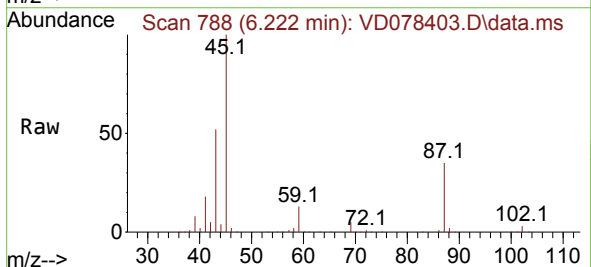


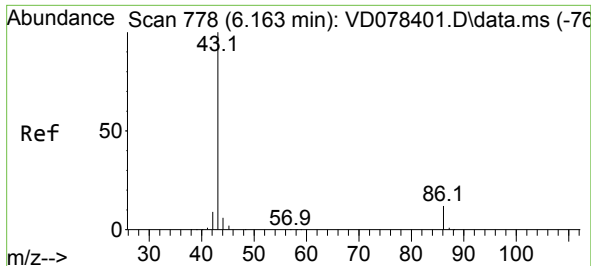
Tgt Ion: 96 Resp: 362007
Ion Ratio Lower Upper
96 100
61 114.3 89.3 133.9
98 61.1 48.6 73.0



#22
Diisopropyl ether
Concen: 142.897 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 45 Resp: 818845
Ion Ratio Lower Upper
45 100
43 50.9 40.0 60.0
87 35.1 28.2 42.4
59 13.1 11.0 16.4

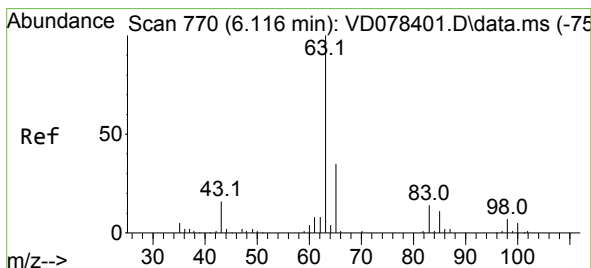
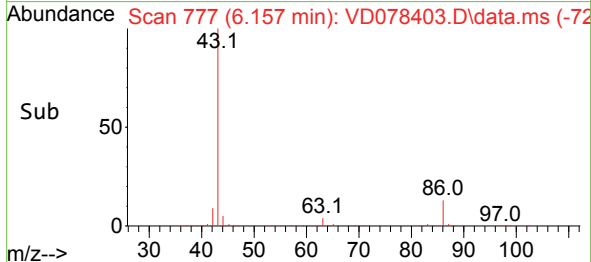
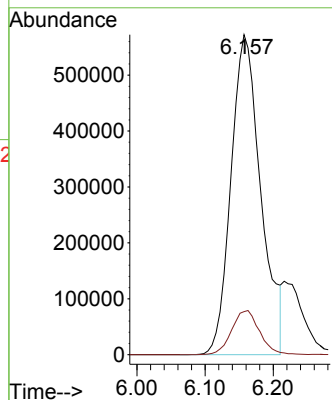
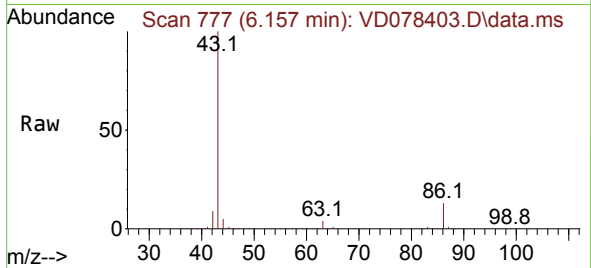




#23
 Vinyl Acetate
 Concen: 729.261 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

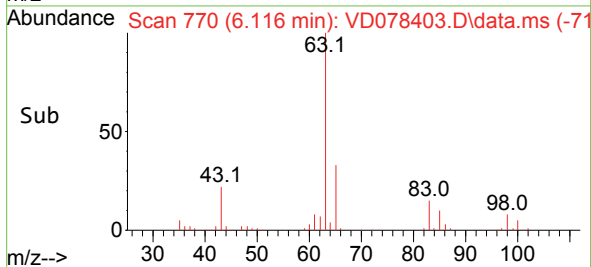
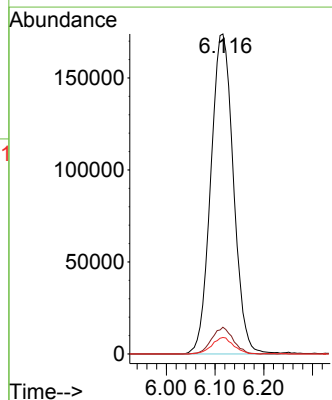
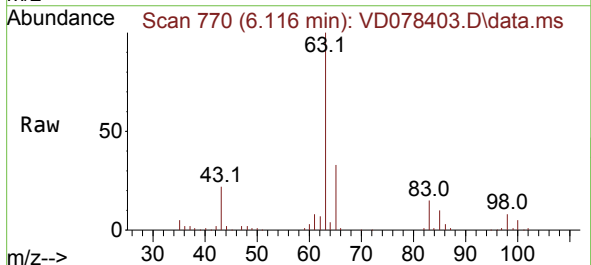
Instrument :
 MSVOA_D
 ClientSampleId :

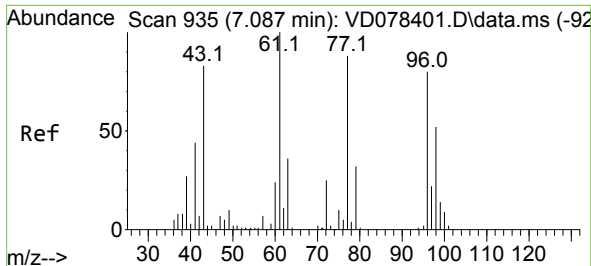
Tgt Ion: 43 Resp: 1740316
 Ion Ratio Lower Upper
 43 100
 86 13.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 138.377 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

Tgt Ion: 63 Resp: 561726
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 5.2 2.5 7.5

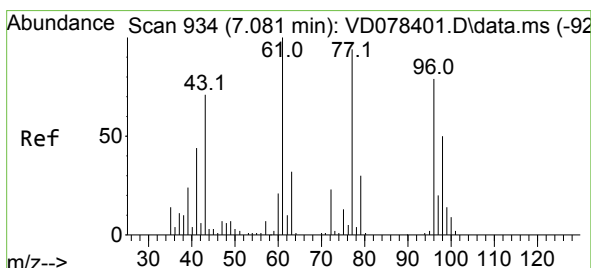
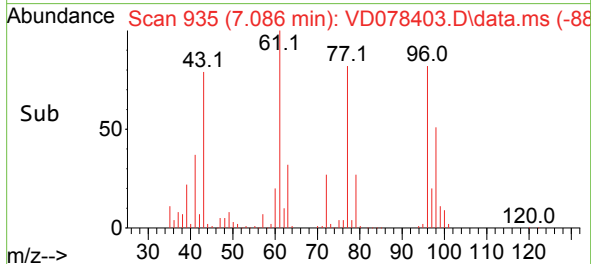
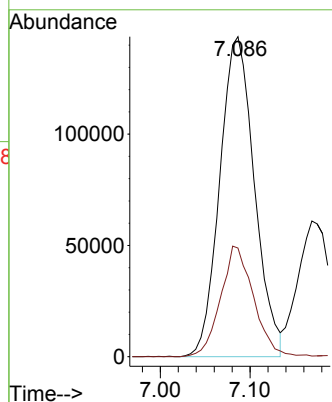
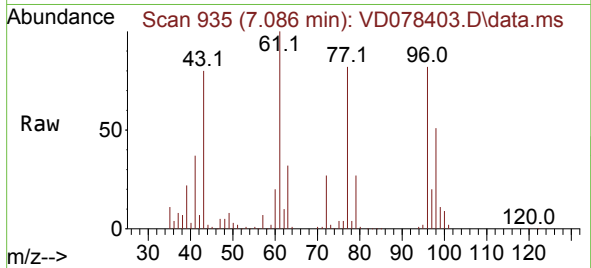




#25
2-Butanone
Concen: 762.199 ug/l
RT: 7.086 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

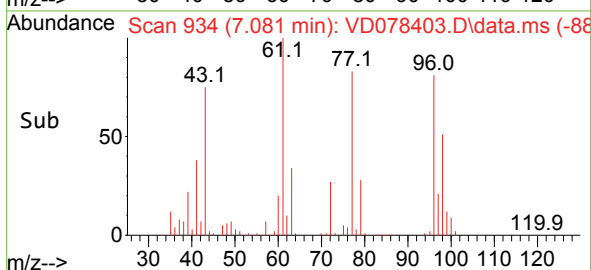
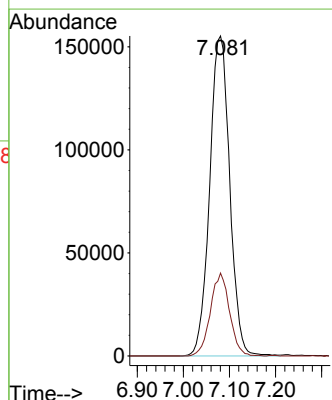
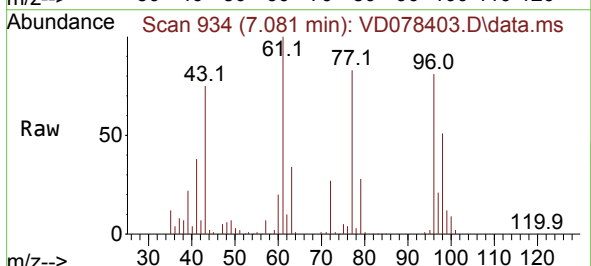
Instrument :
MSVOA_D
ClientSampleId :

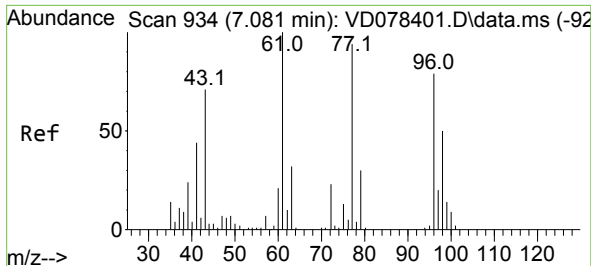
Tgt Ion: 43 Resp: 386139
Ion Ratio Lower Upper
43 100
72 33.9 30.7 46.1



#26
2,2-Dichloropropane
Concen: 138.017 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 77 Resp: 469672
Ion Ratio Lower Upper
77 100
97 24.7 13.2 39.6

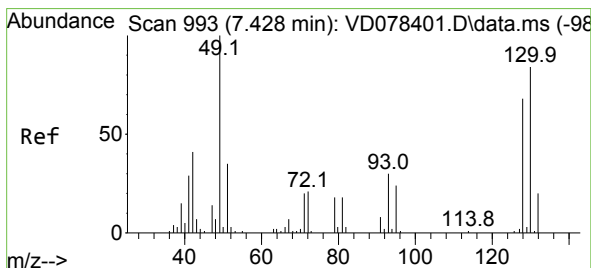
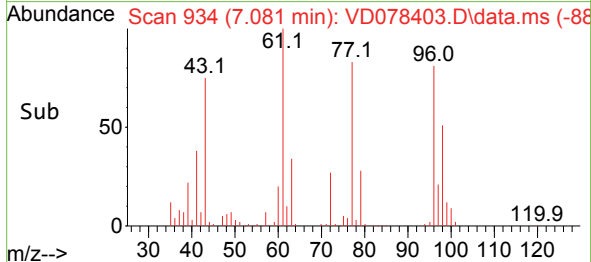
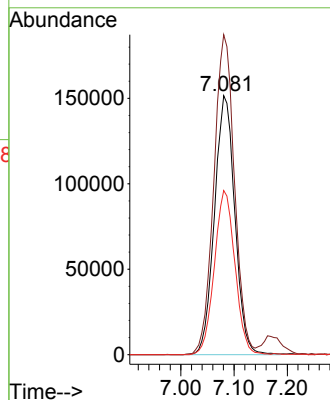
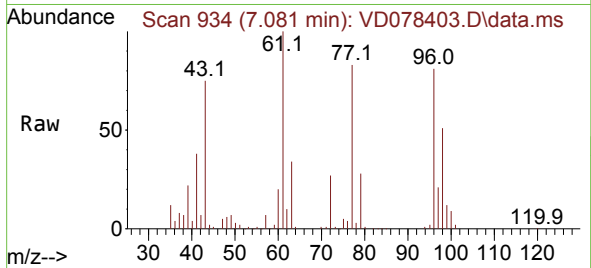




#27
 cis-1,2-Dichloroethene
 Concen: 148.536 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

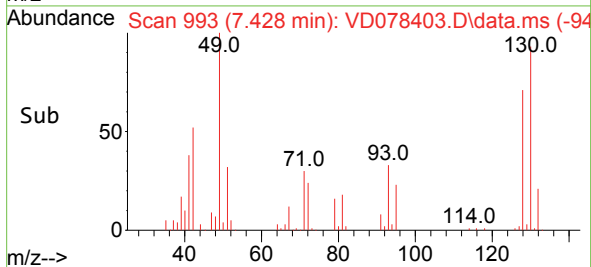
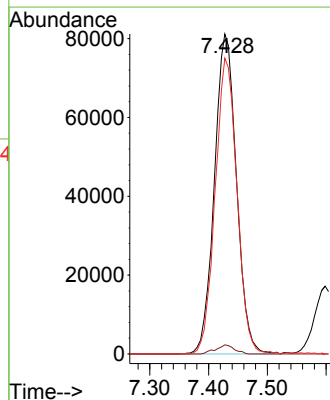
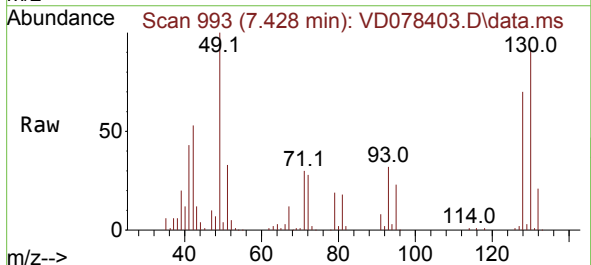
Instrument :
 MSVOA_D
 ClientSampleId :

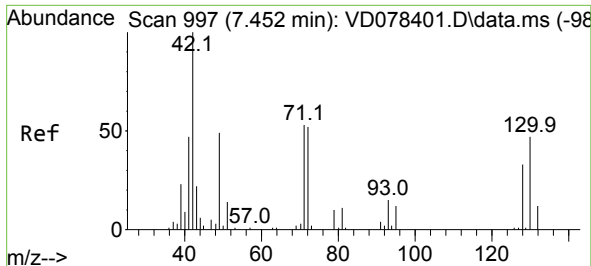
Tgt Ion: 96 Resp: 403472
 Ion Ratio Lower Upper
 96 100
 61 125.1 0.0 239.2
 98 63.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 131.372 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

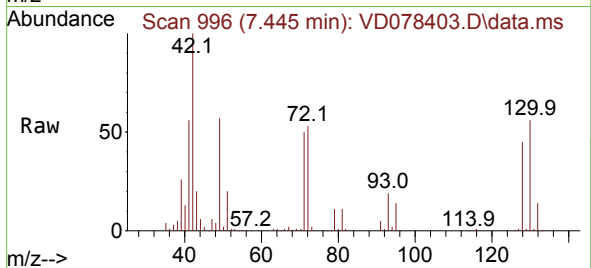
Tgt Ion: 49 Resp: 211225
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 6.0
 130 91.5 83.2 124.8



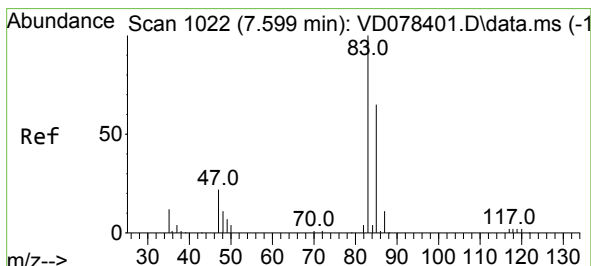
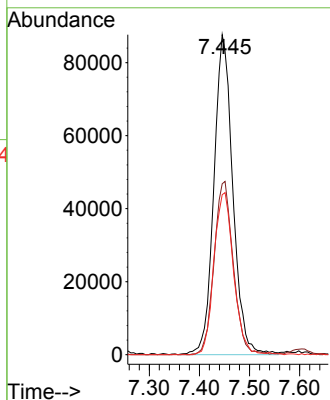
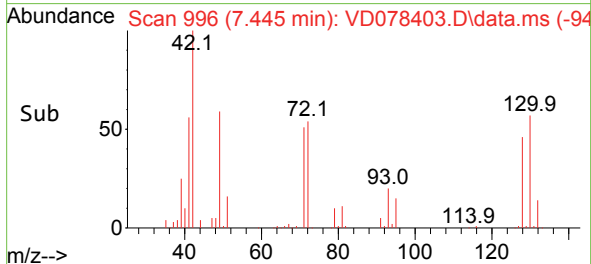


#29
Tetrahydrofuran
Concen: 742.504 ug/l
RT: 7.445 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Instrument :
MSVOA_D
ClientSampleId :

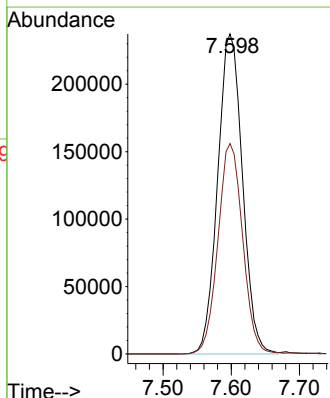
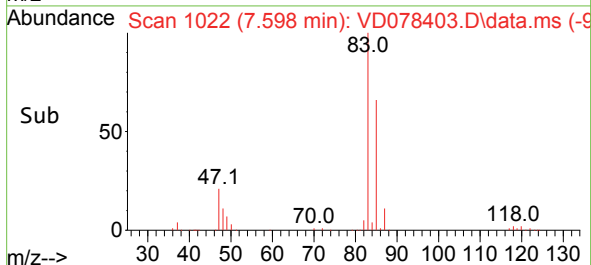
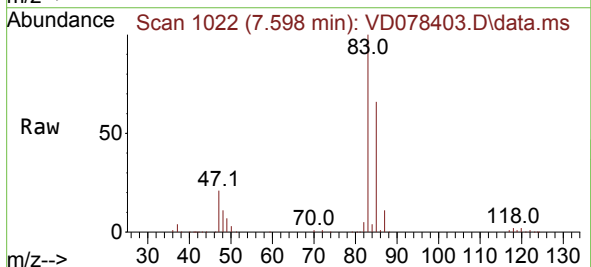


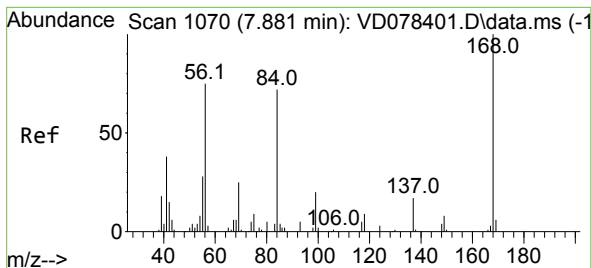
Tgt Ion: 42 Resp: 230494
Ion Ratio Lower Upper
42 100
72 54.7 46.5 69.7
71 52.2 44.5 66.7



#30
Chloroform
Concen: 139.943 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 83 Resp: 601054
Ion Ratio Lower Upper
83 100
85 65.8 53.4 80.2





#31

Cyclohexane

Concen: 130.382 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :

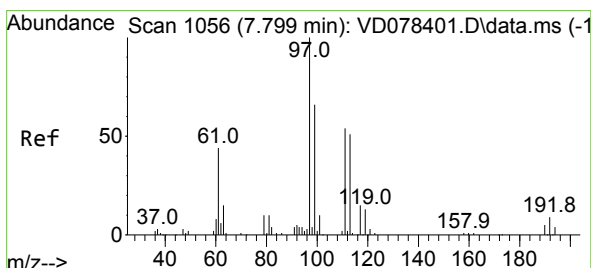
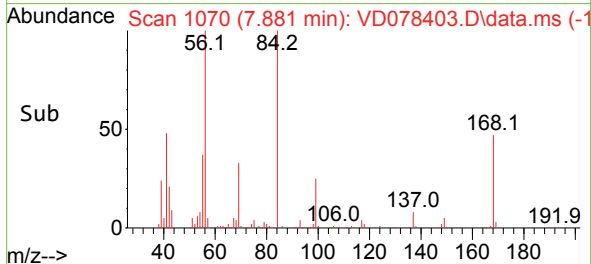
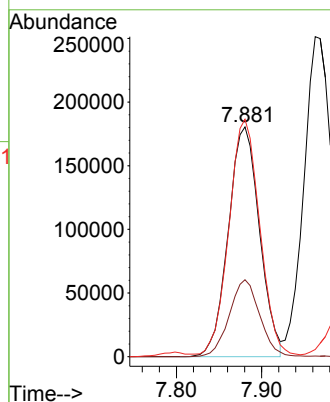
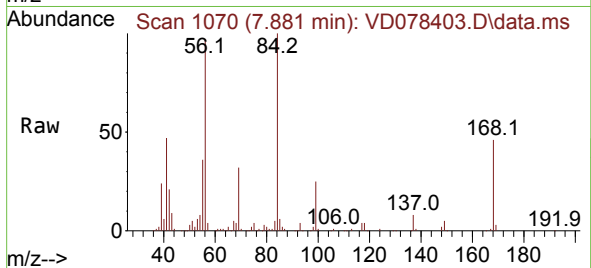
Tgt Ion: 56 Resp: 460381

Ion Ratio Lower Upper

56 100

69 33.5 28.6 43.0

84 101.6 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 141.847 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

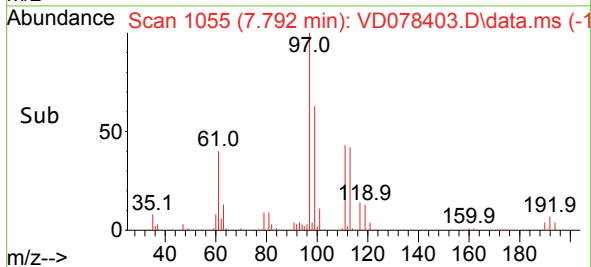
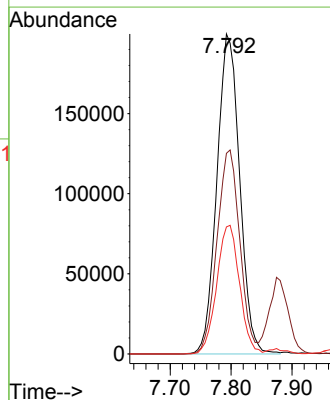
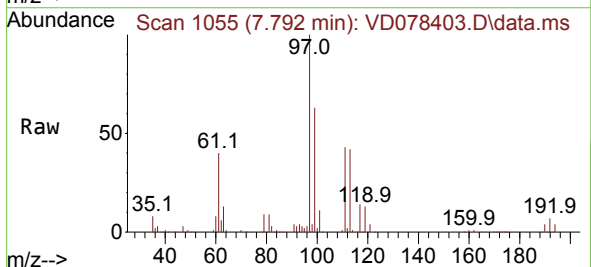
Tgt Ion: 97 Resp: 519429

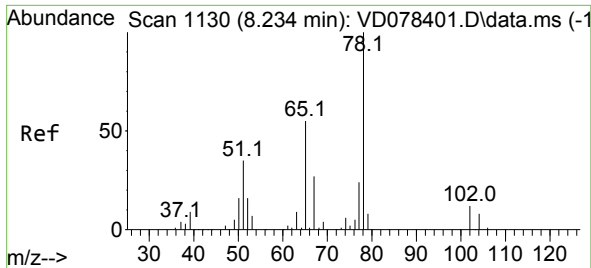
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

61 40.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 146.400 ug/l

RT: 8.233 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

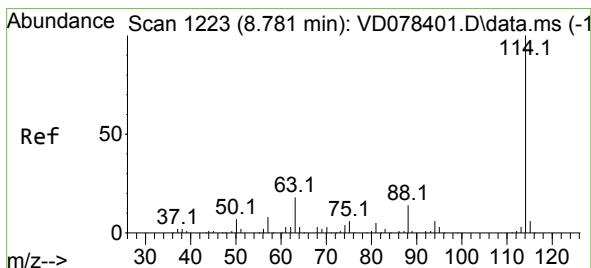
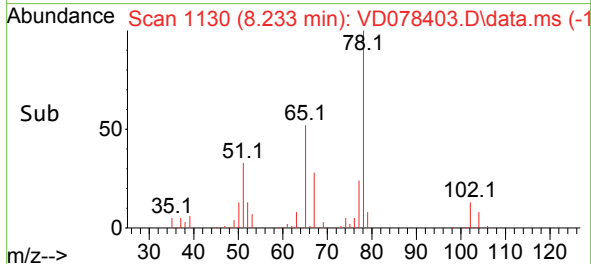
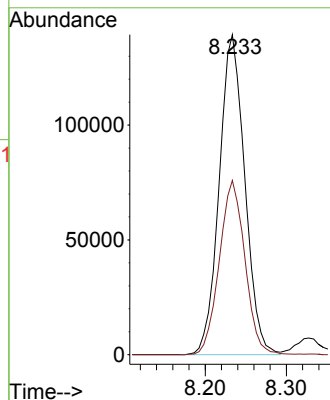
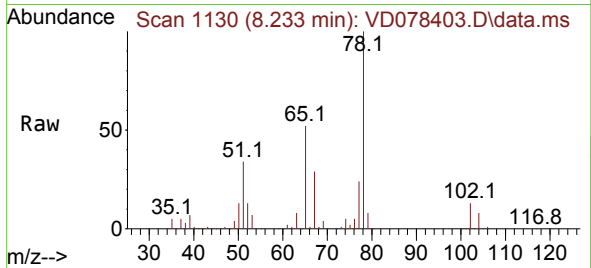
ClientSampleId :

Tgt Ion: 65 Resp: 305593

Ion Ratio Lower Upper

65 100

67 54.4 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: VD078403.D

Acq: 13 Feb 2024 14:24

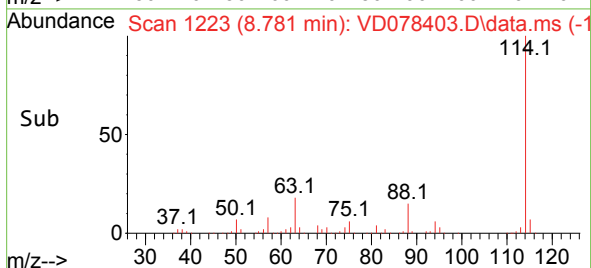
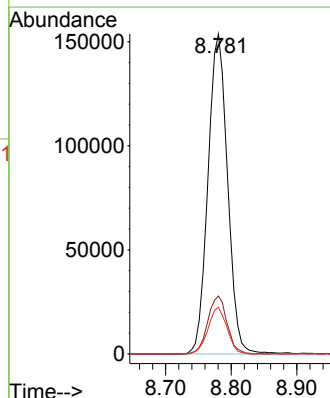
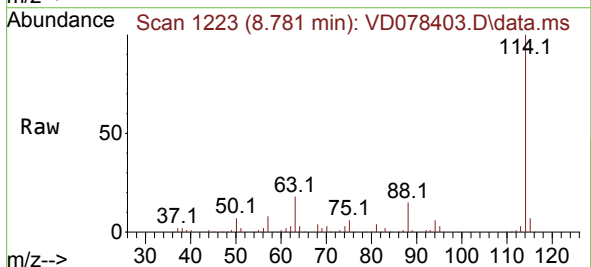
Tgt Ion: 114 Resp: 318823

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 163.098 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

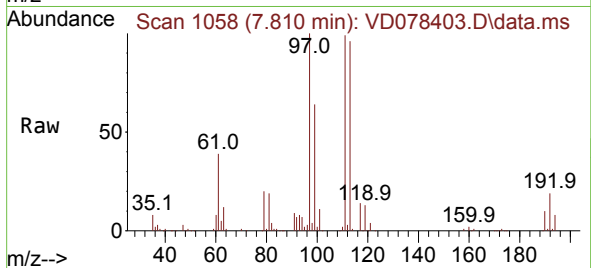
Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :



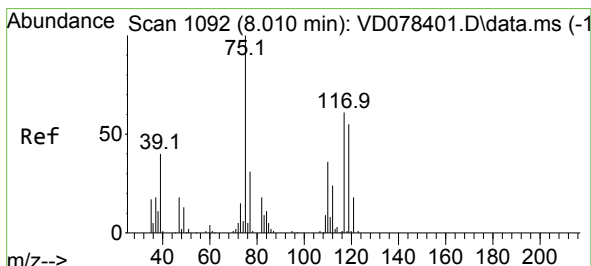
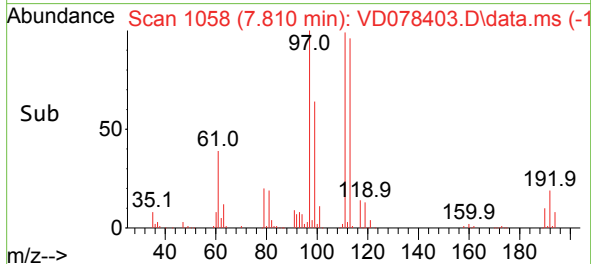
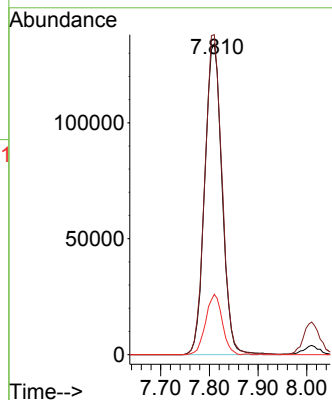
Tgt Ion:113 Resp: 330310

Ion Ratio Lower Upper

113 100

111 102.2 84.7 127.1

192 18.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 150.066 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

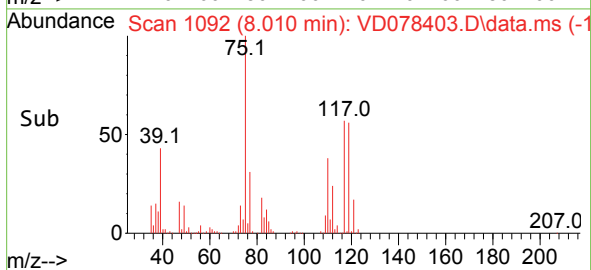
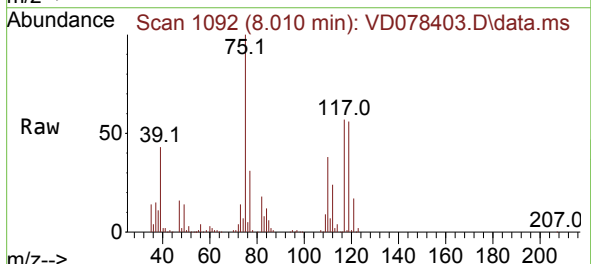
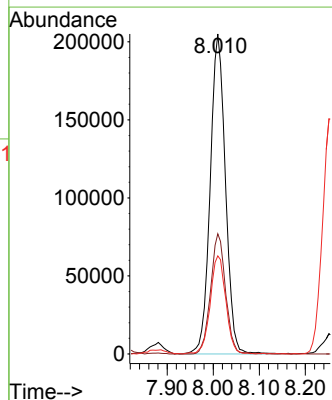
Tgt Ion: 75 Resp: 472129

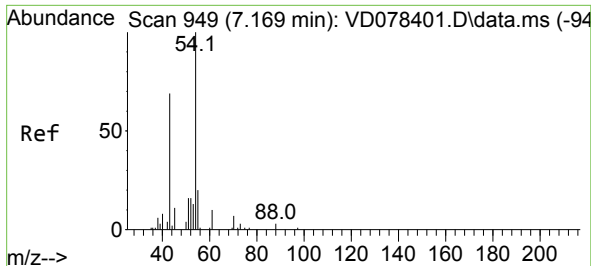
Ion Ratio Lower Upper

75 100

110 36.7 19.9 59.6

77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 147.650 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

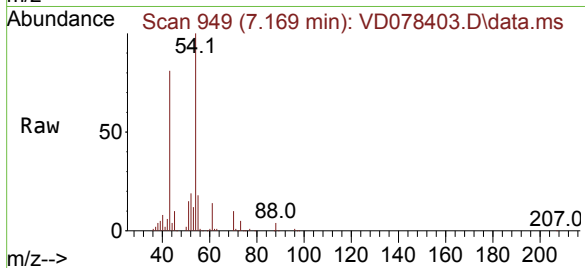
Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :



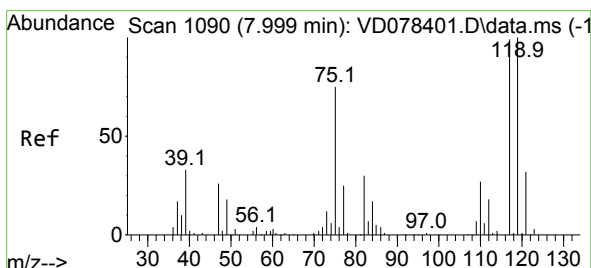
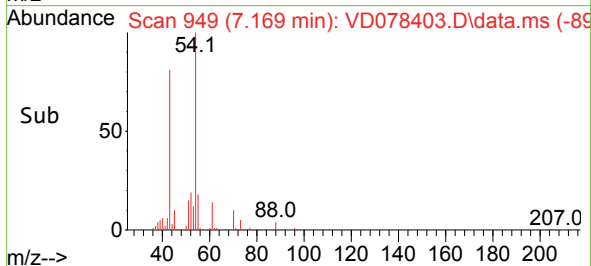
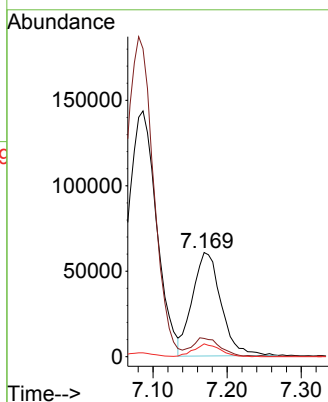
Tgt Ion: 43 Resp: 162839

Ion Ratio Lower Upper

43 100

61 17.2 14.9 22.3

70 11.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 151.662 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

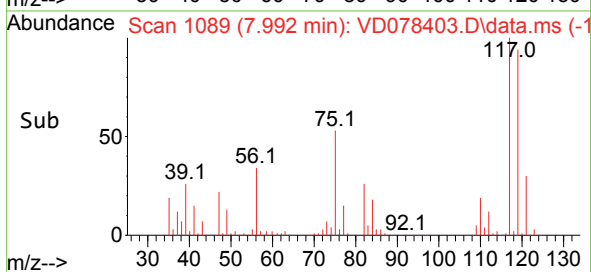
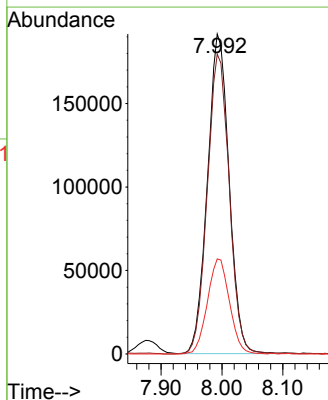
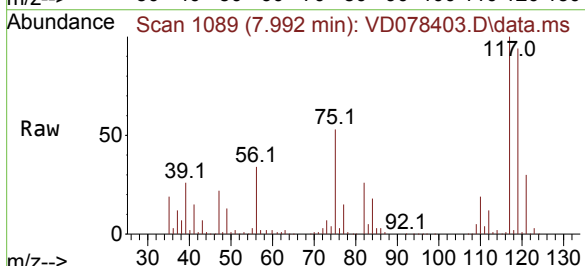
Tgt Ion: 117 Resp: 472535

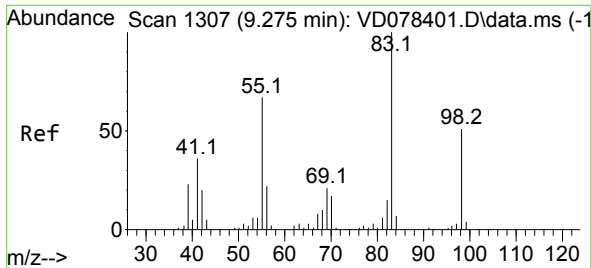
Ion Ratio Lower Upper

117 100

119 93.7 78.0 117.0

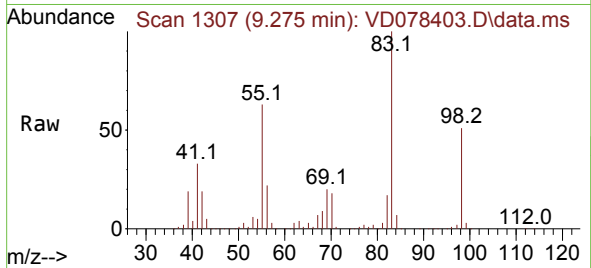
121 29.8 24.2 36.2



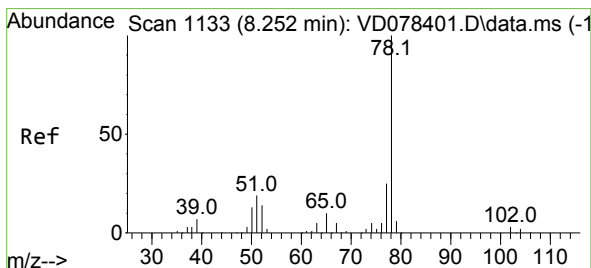
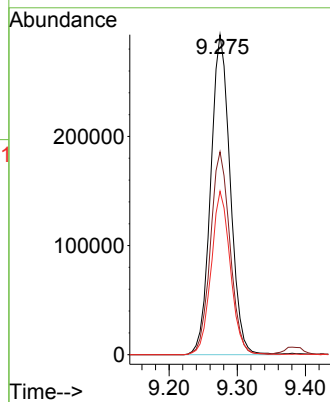
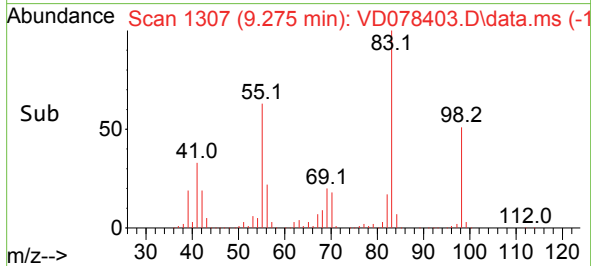


#39
Methylcyclohexane
Concen: 156.416 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Instrument :
MSVOA_D
ClientSampleId :

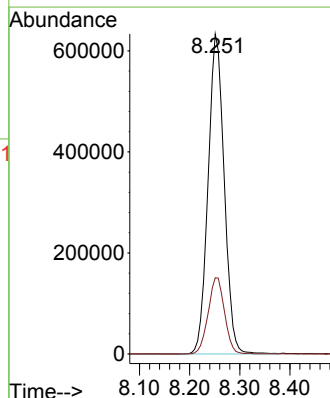
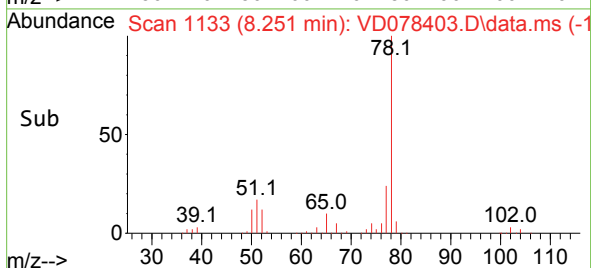
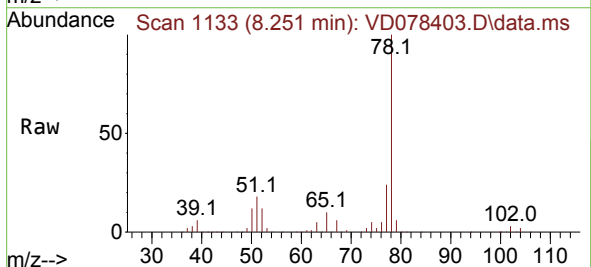


Tgt Ion: 83 Resp: 584211
Ion Ratio Lower Upper
83 100
55 63.4 49.4 74.0
98 51.1 38.4 57.6



#40
Benzene
Concen: 155.675 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 78 Resp: 1415670
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

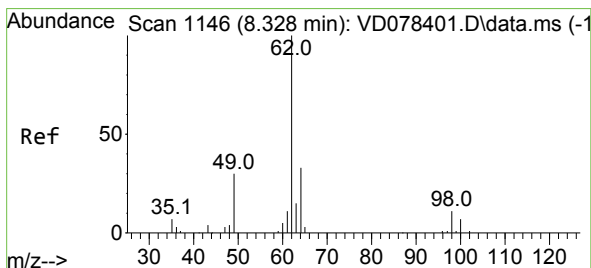
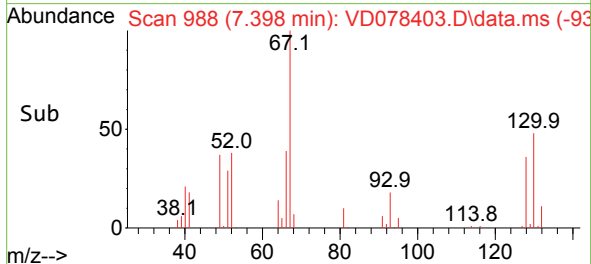
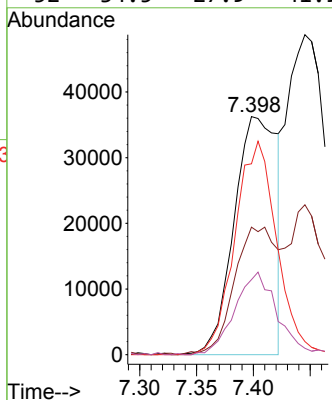
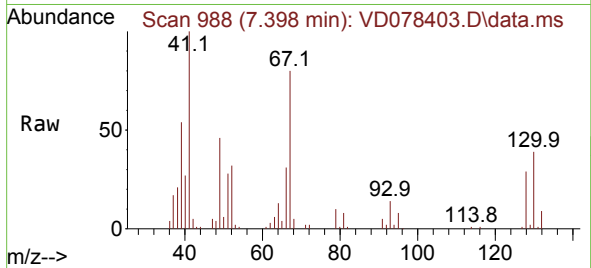




#41
Methacrylonitrile
Concen: 165.340 ug/l
RT: 7.398 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

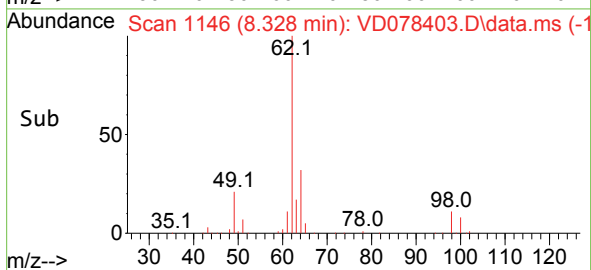
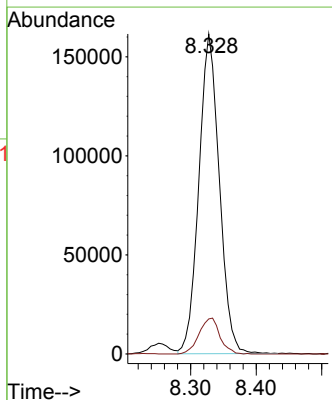
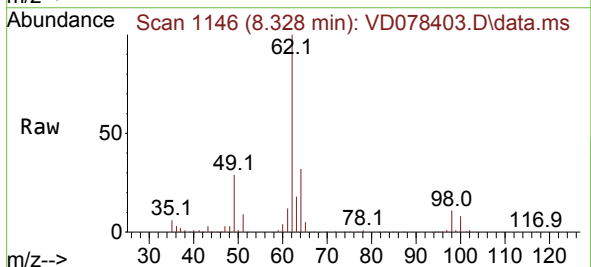
Instrument :
MSVOA_D
ClientSampleId :

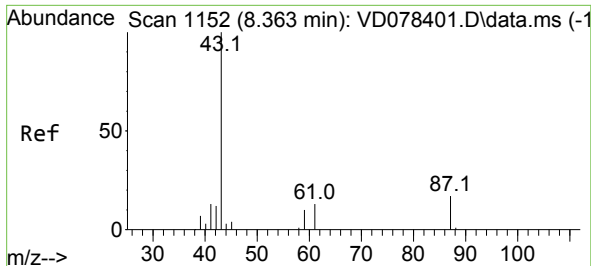
Tgt Ion: 41 Resp: 94900
Ion Ratio Lower Upper
41 100
39 52.5 34.0 51.0#
67 87.9 77.0 115.4
52 34.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 149.023 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 62 Resp: 350650
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4

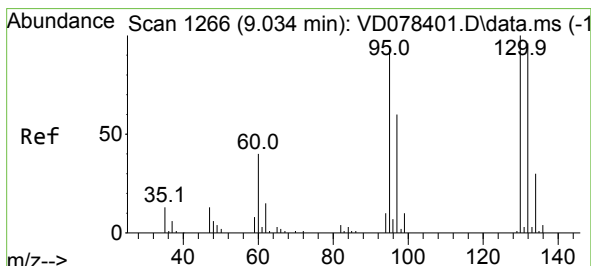
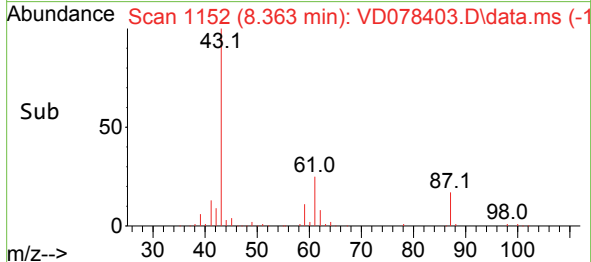
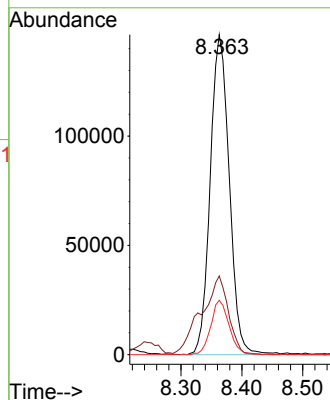
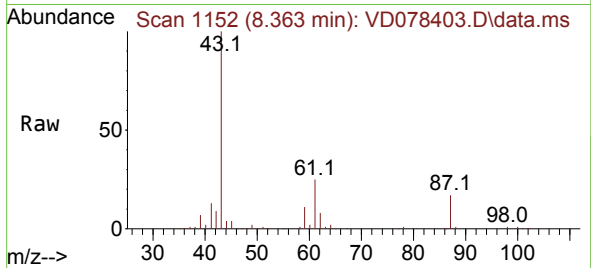




#43
Isopropyl Acetate
Concen: 155.633 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

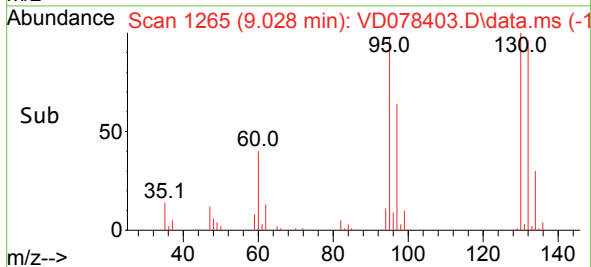
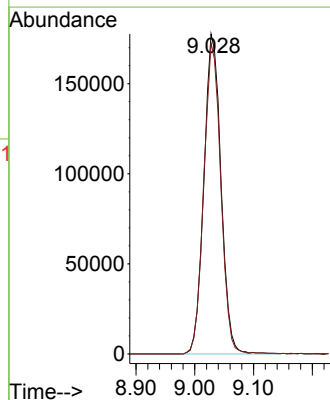
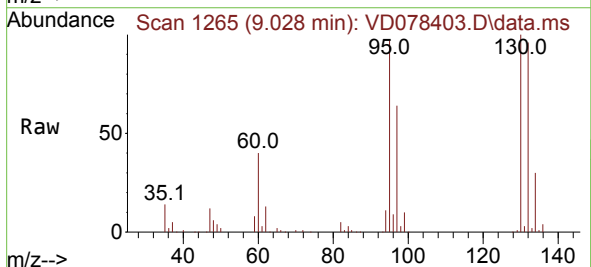
Instrument :
MSVOA_D
ClientSampleId :

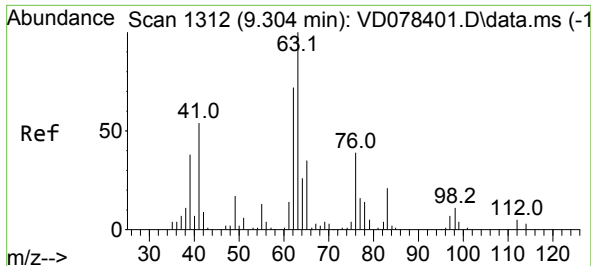
Tgt Ion: 43 Resp: 317838
Ion Ratio Lower Upper
43 100
61 35.1 31.4 47.0
87 16.4 14.9 22.3



#44
Trichloroethene
Concen: 154.495 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion:130 Resp: 358423
Ion Ratio Lower Upper
130 100
95 97.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 151.120 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.005 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

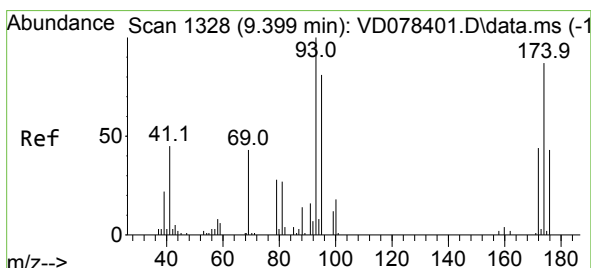
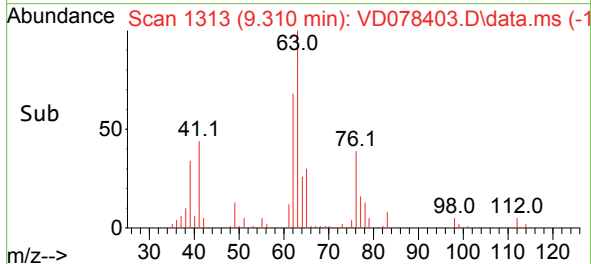
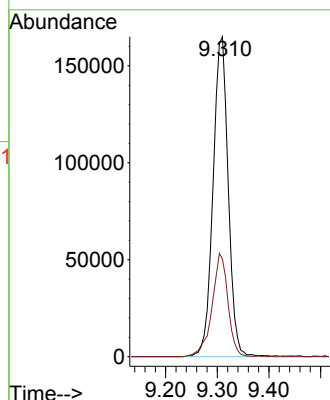
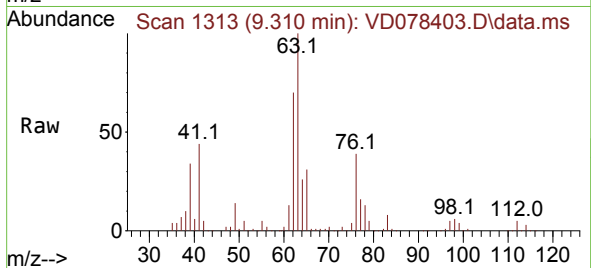
ClientSampleId :

Tgt Ion: 63 Resp: 337178

Ion Ratio Lower Upper

63 100

65 30.5 24.5 36.7



#46

Dibromomethane

Concen: 155.807 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

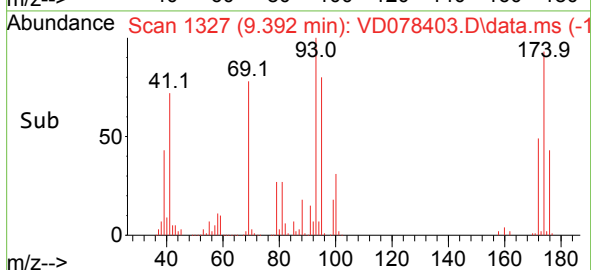
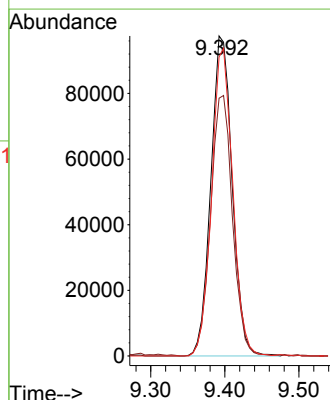
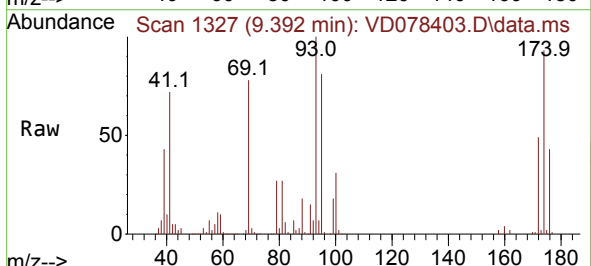
Tgt Ion: 93 Resp: 195534

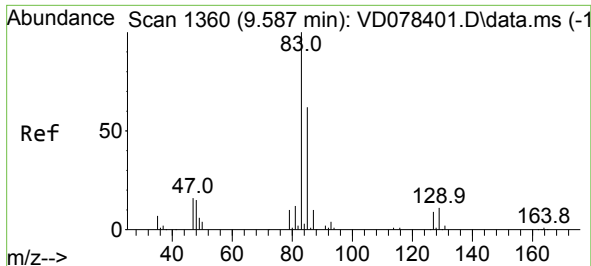
Ion Ratio Lower Upper

93 100

95 83.3 67.7 101.5

174 94.9 85.4 128.2

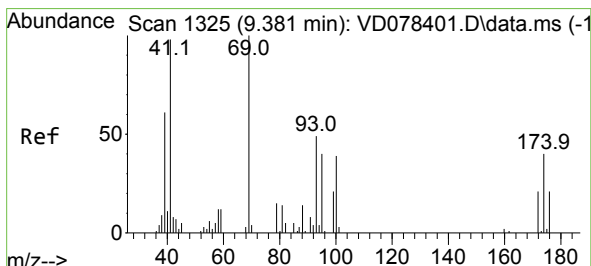
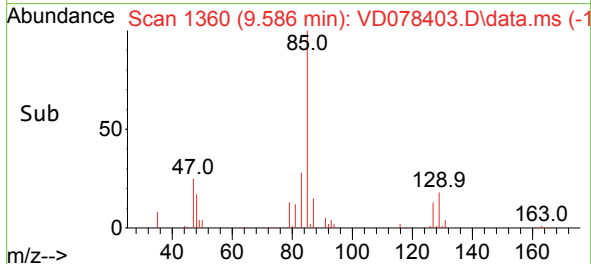
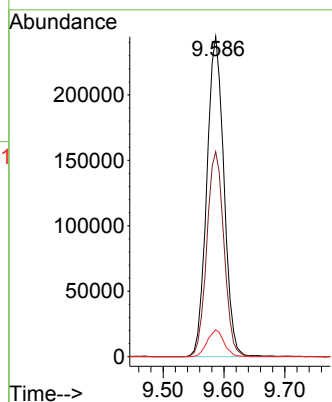
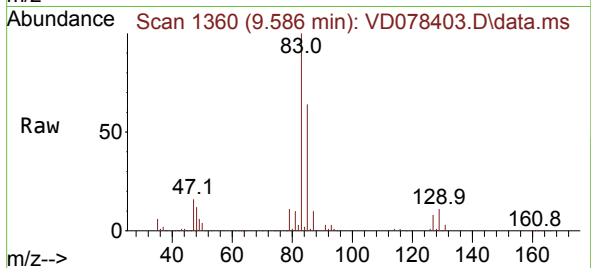




#47
Bromodichloromethane
Concen: 153.359 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

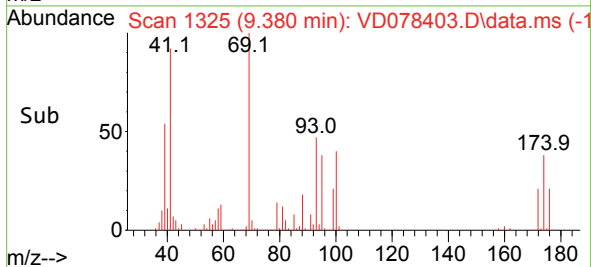
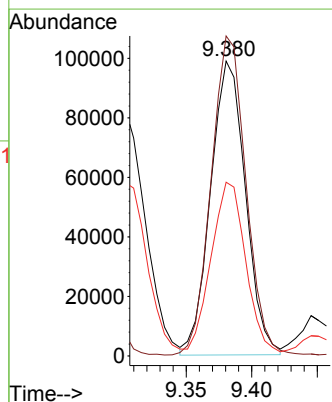
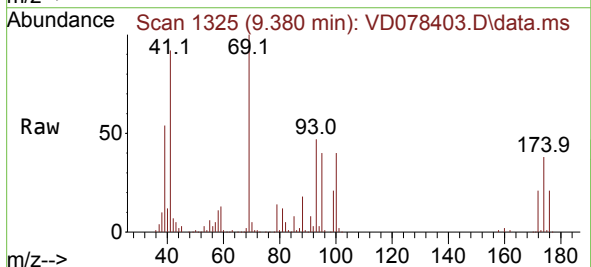
Instrument :
MSVOA_D
ClientSampleId :

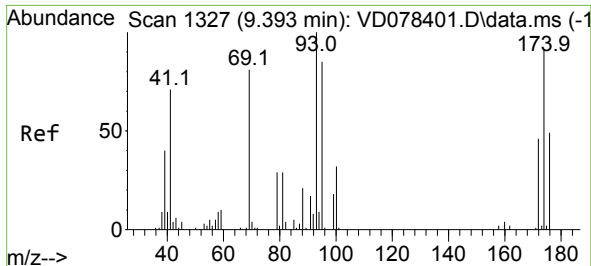
Tgt Ion: 83 Resp: 476699
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 168.956 ug/l
RT: 9.380 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 41 Resp: 183060
Ion Ratio Lower Upper
41 100
69 109.5 102.2 153.2
39 56.3 41.4 62.2





#49

1,4-Dioxane

Concen: 3320.829 ug/l

RT: 9.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :

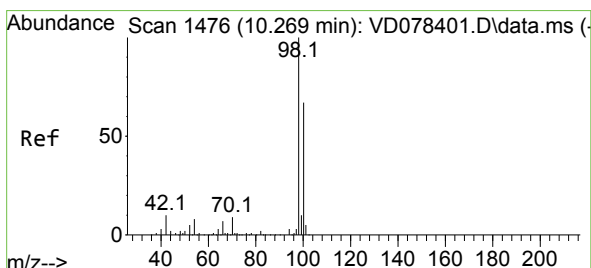
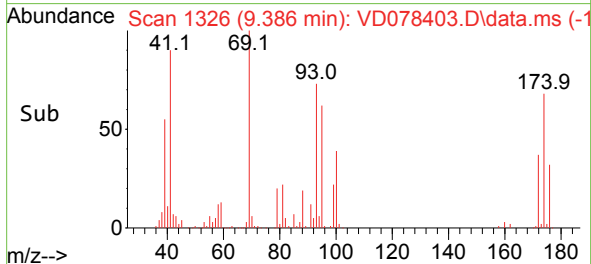
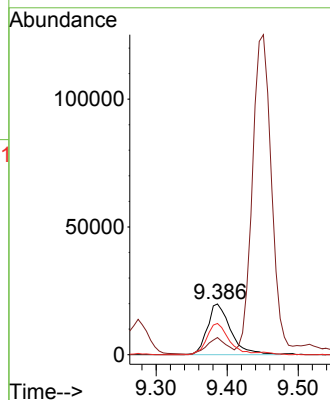
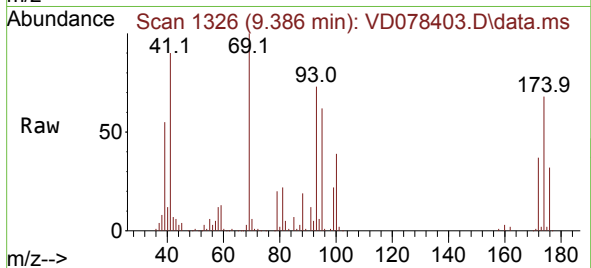
Tgt Ion: 88 Resp: 45133

Ion Ratio Lower Upper

88 100

43 27.5 19.0 28.6

58 58.8 43.5 65.3



#50

Toluene-d8

Concen: 167.960 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078403.D

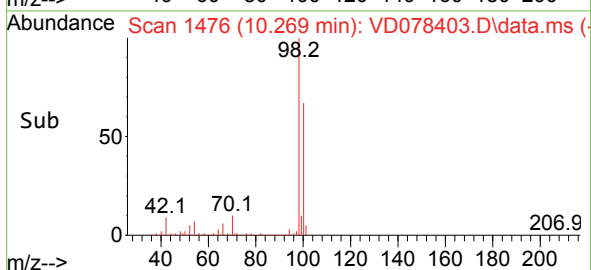
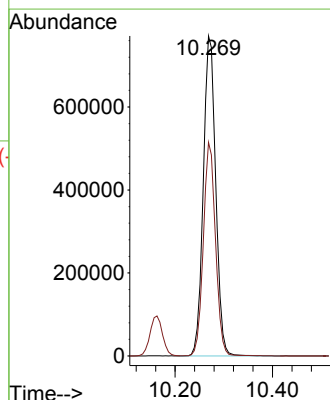
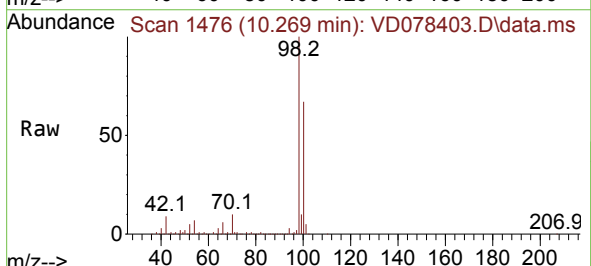
Acq: 13 Feb 2024 14:24

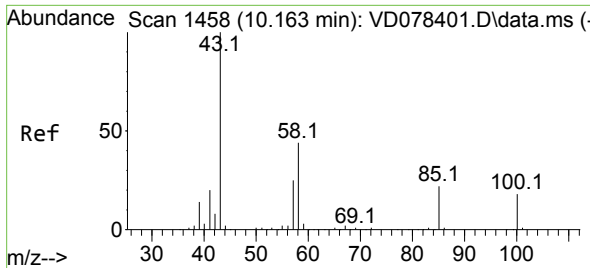
Tgt Ion: 98 Resp: 1360710

Ion Ratio Lower Upper

98 100

100 65.3 50.3 75.5

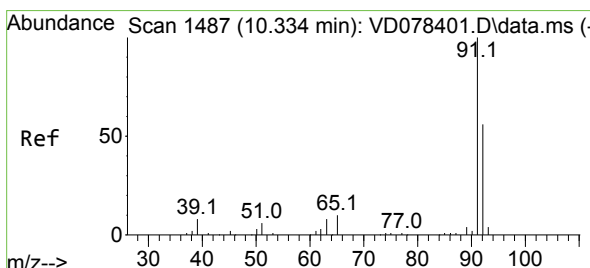
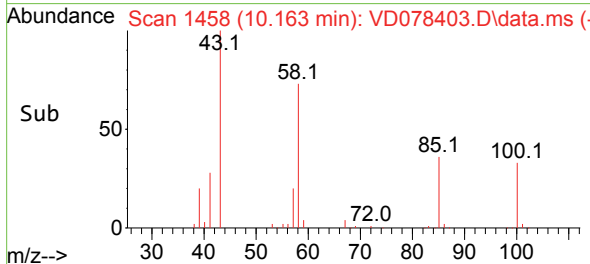
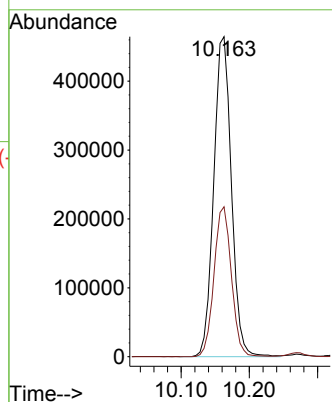
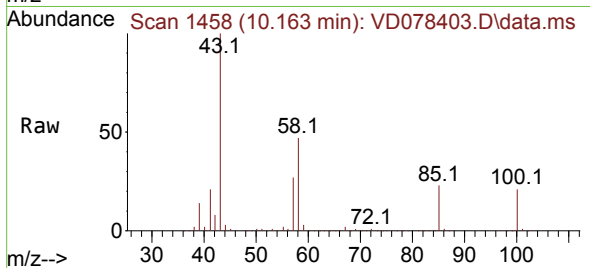




#51
4-Methyl-2-Pentanone
Concen: 772.853 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

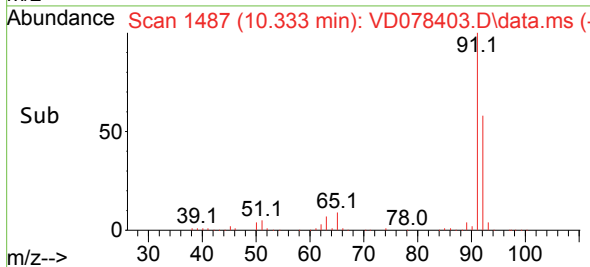
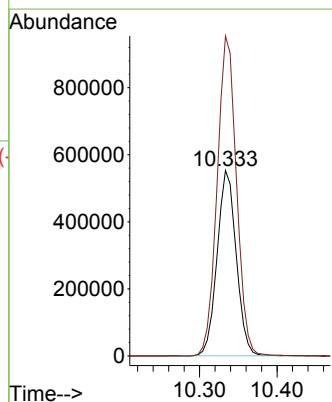
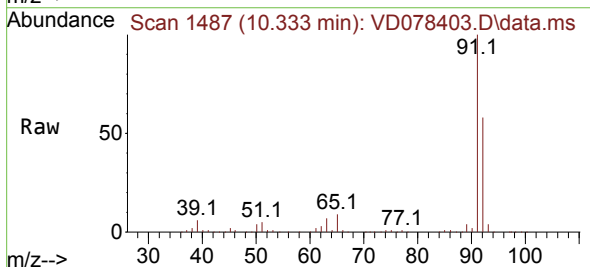
Instrument :
MSVOA_D
ClientSampleId :

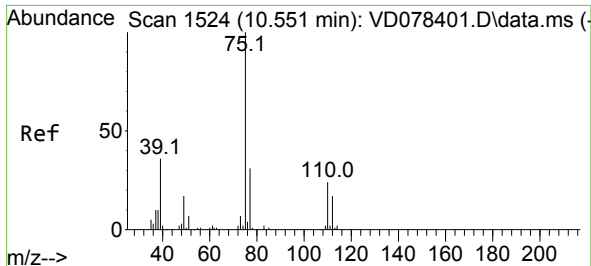
Tgt Ion: 43 Resp: 837705
Ion Ratio Lower Upper
43 100
58 46.2 38.9 58.3



#52
Toluene
Concen: 164.540 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 92 Resp: 946223
Ion Ratio Lower Upper
92 100
91 175.3 143.0 214.4

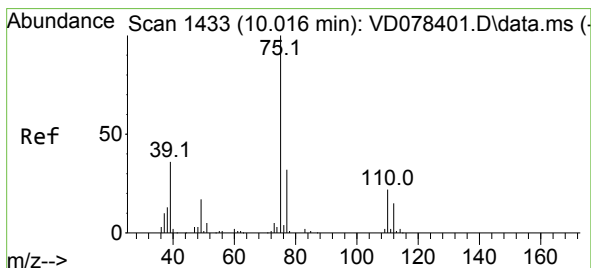
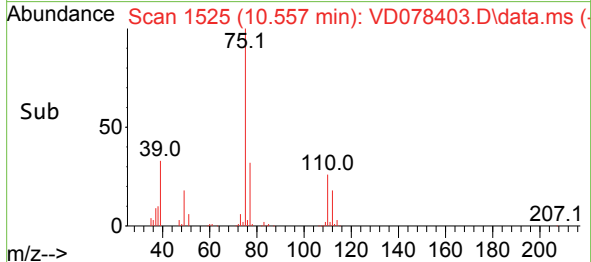
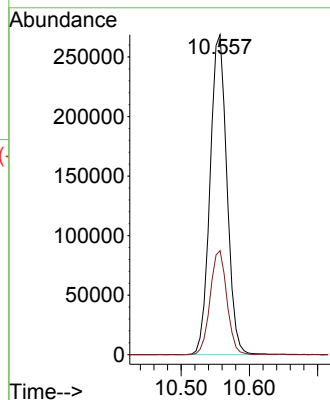
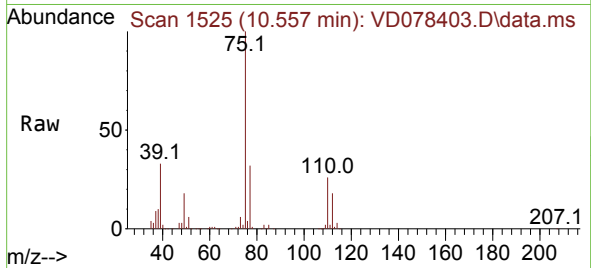




#53
 t-1,3-Dichloropropene
 Concen: 162.998 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

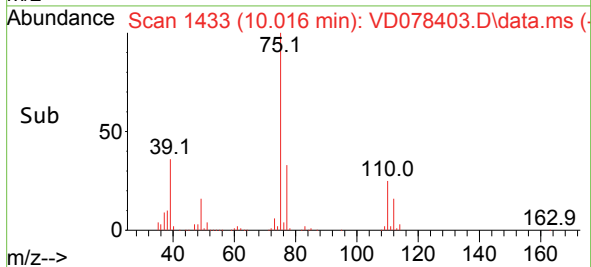
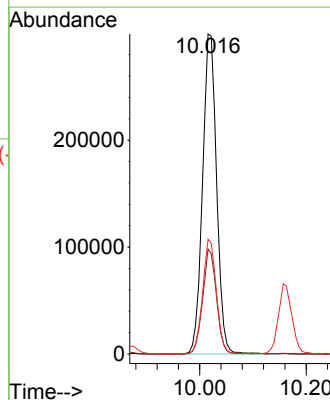
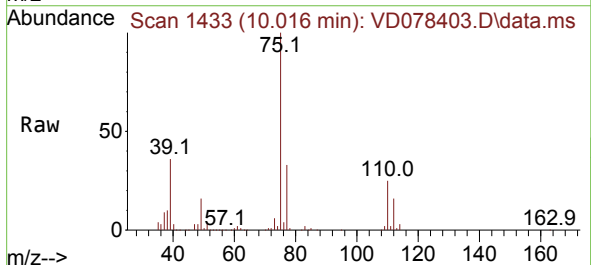
Instrument :
 MSVOA_D
 ClientSampleId :

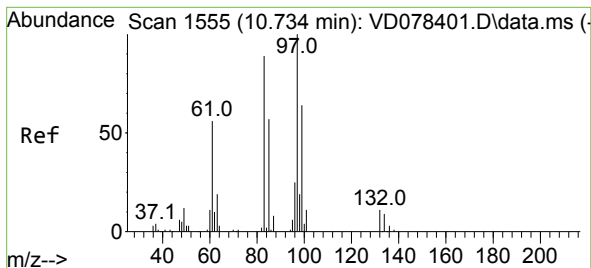
Tgt Ion: 75 Resp: 462309
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 159.128 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

Tgt Ion: 75 Resp: 547281
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 35.8 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 159.546 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 269642

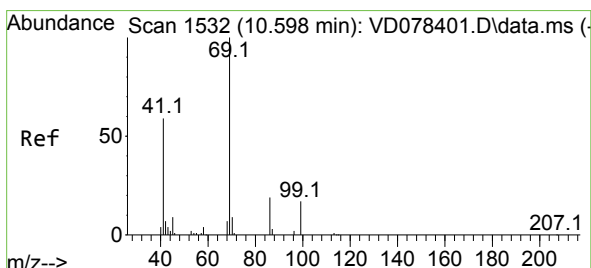
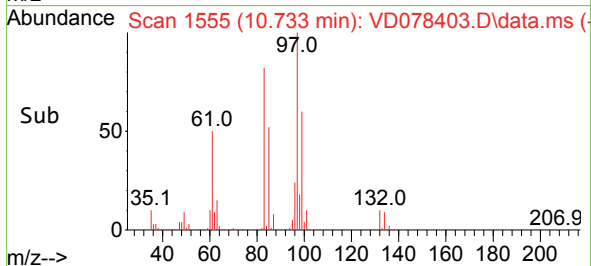
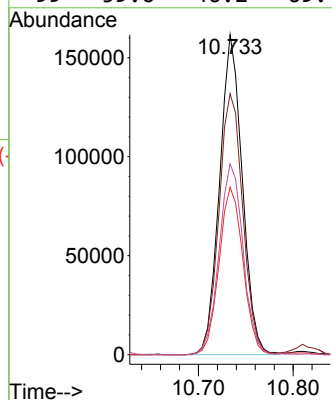
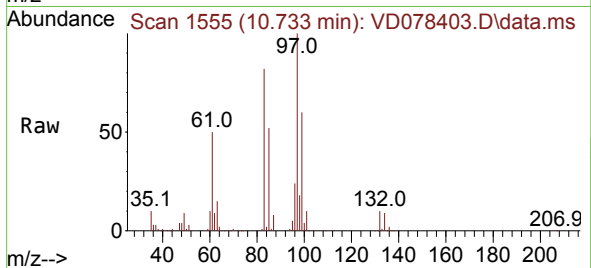
Ion Ratio Lower Upper

97 100

83 81.5 65.8 98.6

85 52.3 45.7 68.5

99 59.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 152.119 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

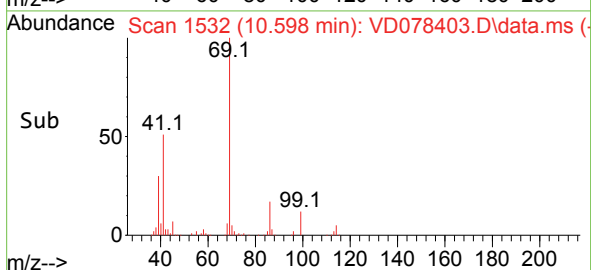
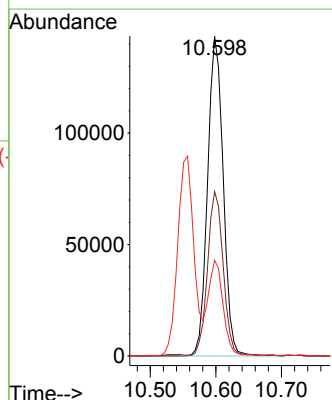
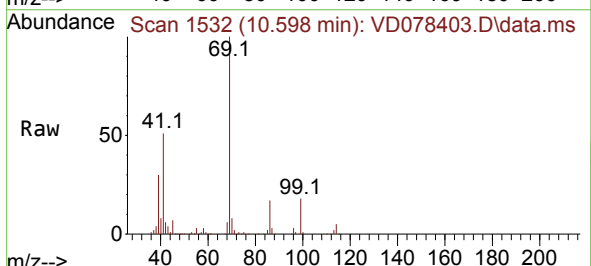
Tgt Ion: 69 Resp: 237772

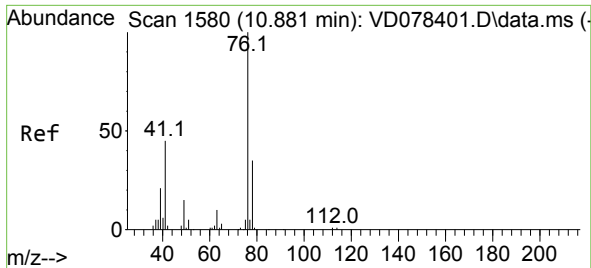
Ion Ratio Lower Upper

69 100

41 51.3 39.1 58.7

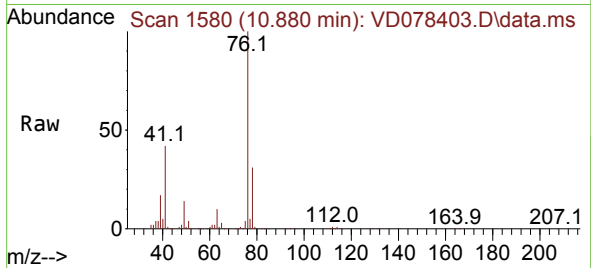
39 27.8 20.0 30.0



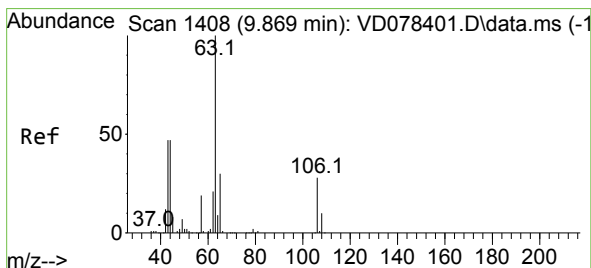
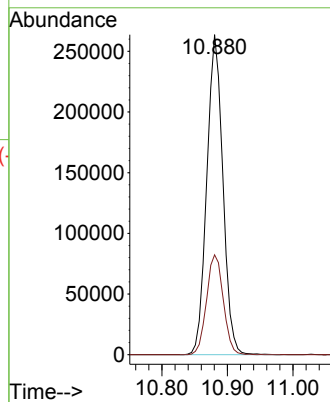
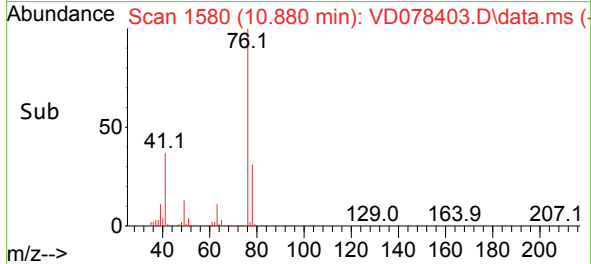


#57
1,3-Dichloropropane
Concen: 156.464 ug/l
RT: 10.880 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Instrument :
MSVOA_D
ClientSampleId :

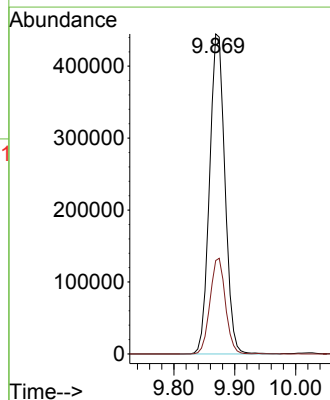
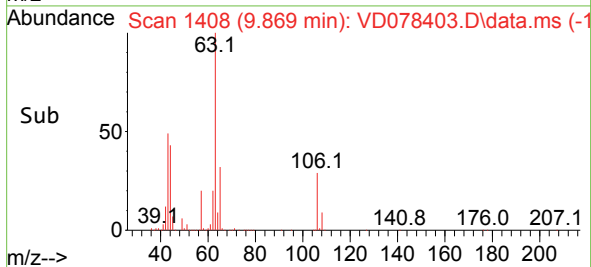
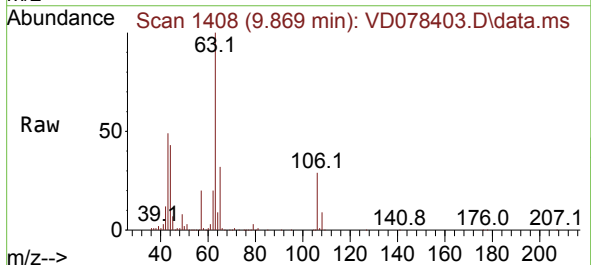


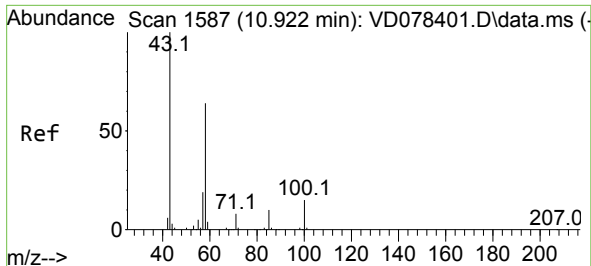
Tgt Ion: 76 Resp: 449820
Ion Ratio Lower Upper
76 100
78 32.5 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 848.007 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 63 Resp: 780770
Ion Ratio Lower Upper
63 100
106 29.9 25.3 37.9

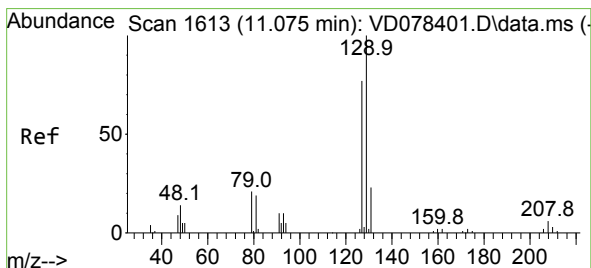
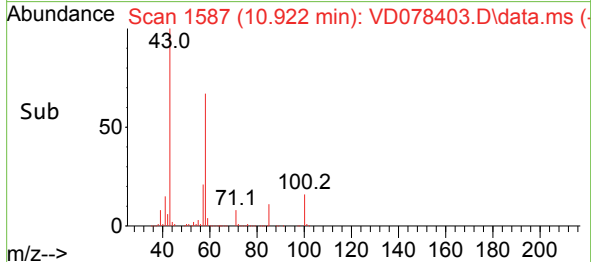
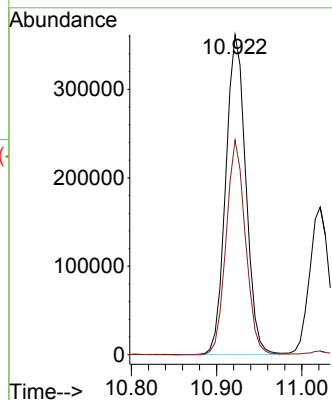
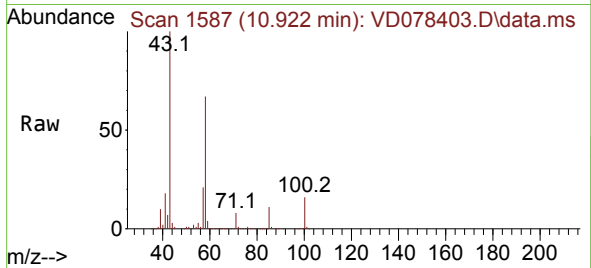




#59
2-Hexanone
Concen: 726.635 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

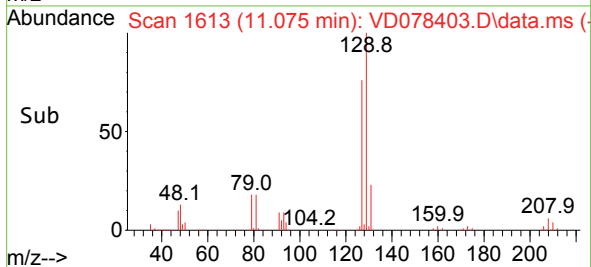
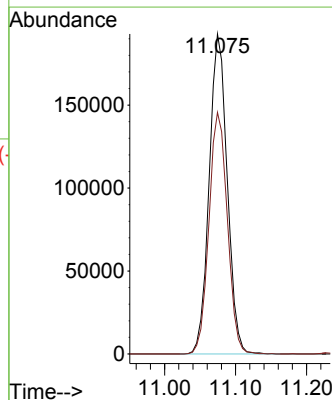
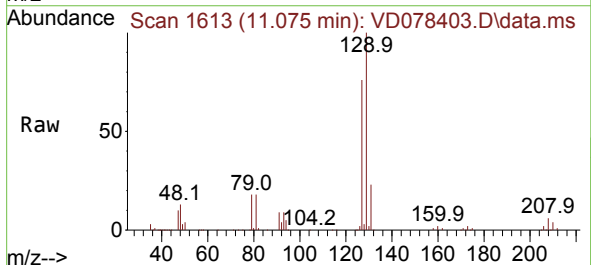
Instrument :
MSVOA_D
ClientSampleId :

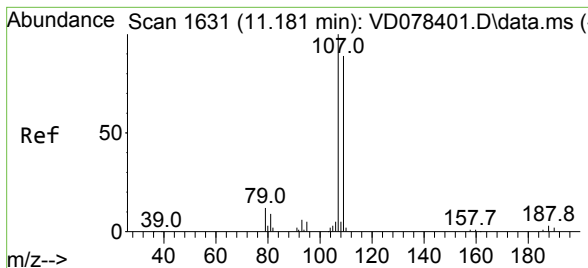
Tgt Ion: 43 Resp: 591897
Ion Ratio Lower Upper
43 100
58 64.7 34.1 102.2



#60
Dibromochloromethane
Concen: 167.175 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 129 Resp: 339940
Ion Ratio Lower Upper
129 100
127 77.1 37.1 111.5

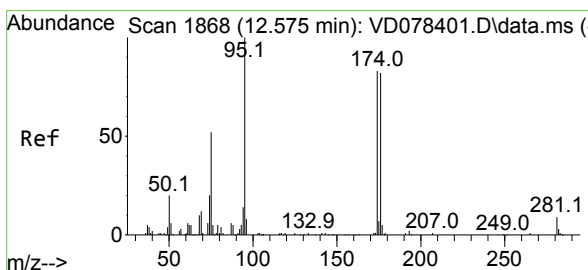
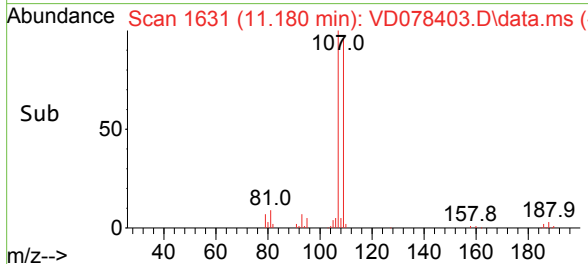
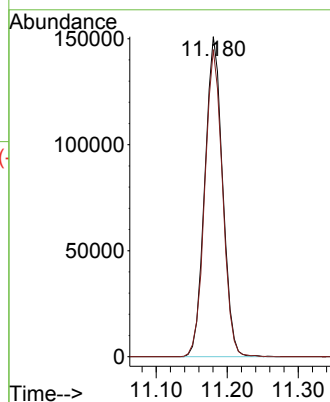
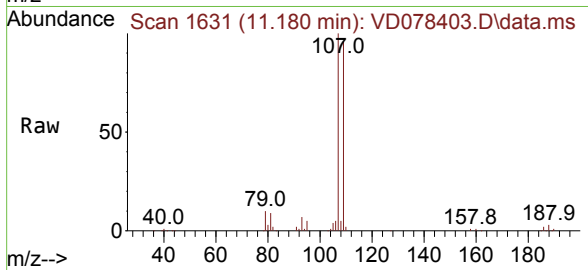




#61
1,2-Dibromoethane
Concen: 165.649 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

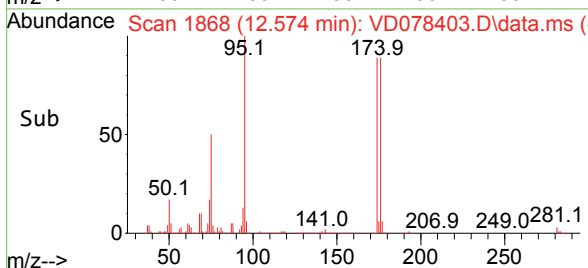
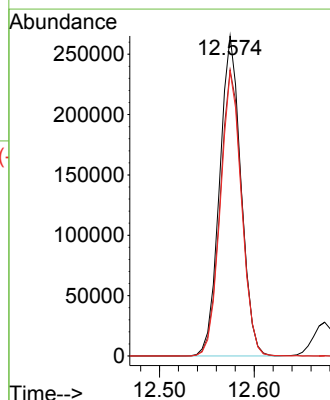
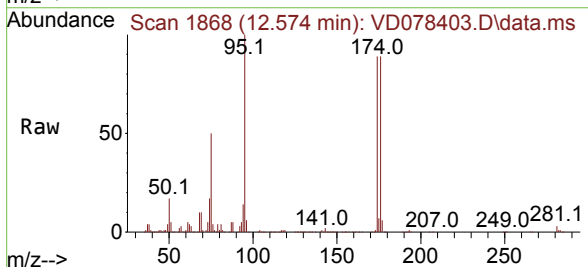
Instrument :
MSVOA_D
ClientSampleId :

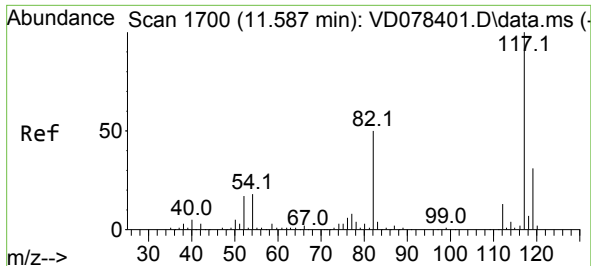
Tgt Ion:107 Resp: 262826
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 176.263 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 95 Resp: 415550
Ion Ratio Lower Upper
95 100
174 90.9 0.0 201.8
176 87.5 0.0 191.8

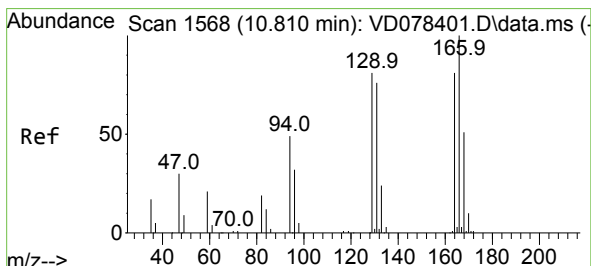
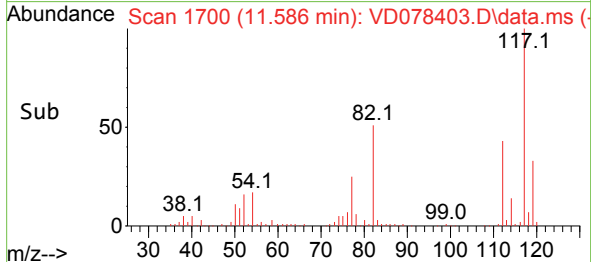
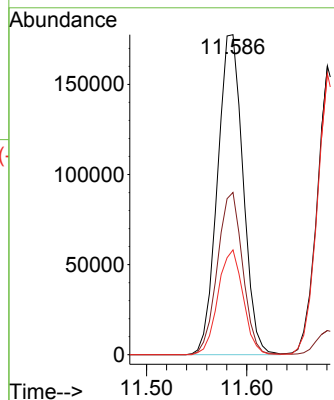
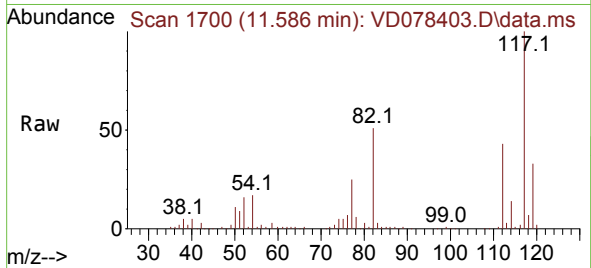




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

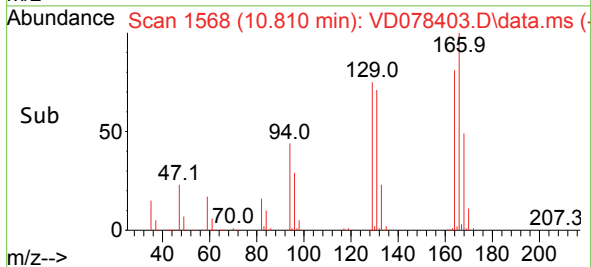
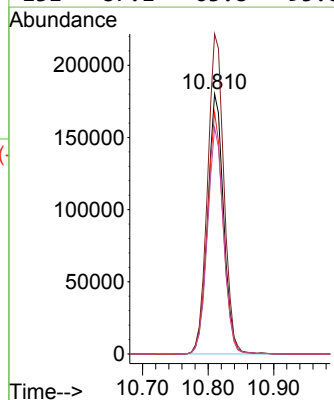
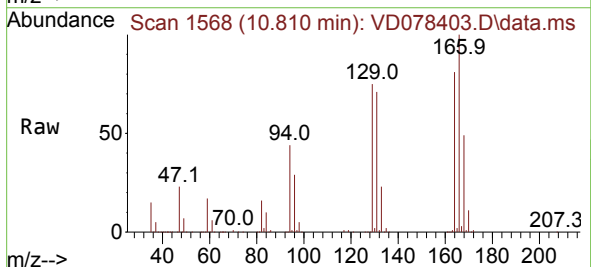
Instrument :
MSVOA_D
ClientSampleId :

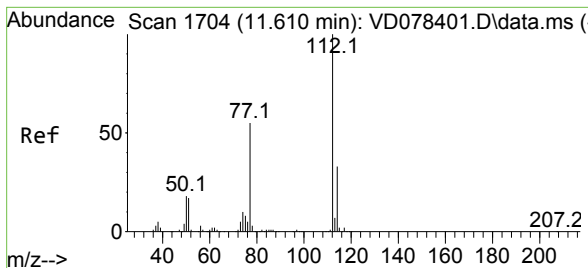
Tgt Ion:117 Resp: 314986
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 153.694 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion:164 Resp: 305780
Ion Ratio Lower Upper
164 100
166 123.1 99.2 148.8
129 92.9 68.4 102.6
131 87.1 63.8 95.8

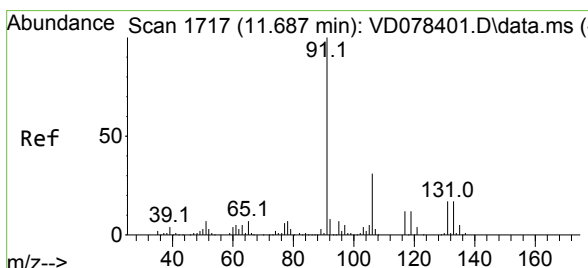
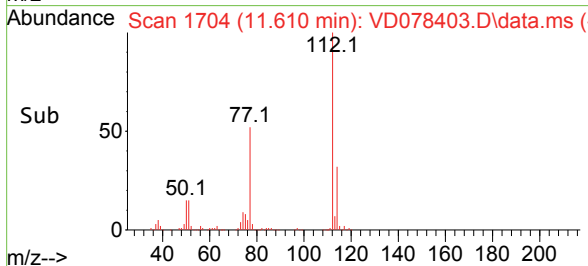
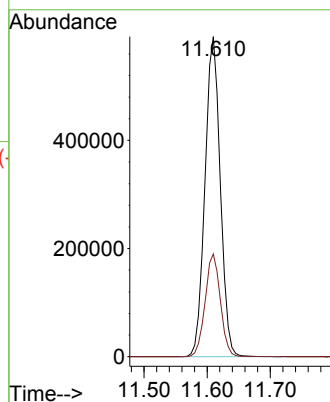
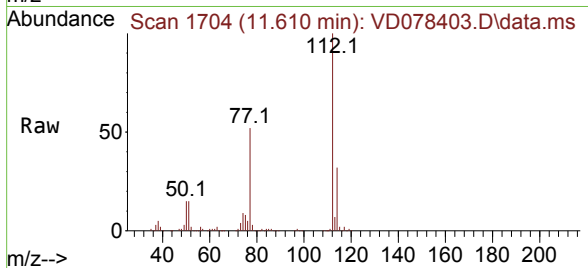




#65
Chlorobenzene
Concen: 157.287 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

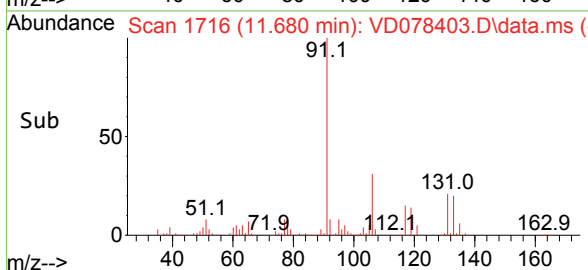
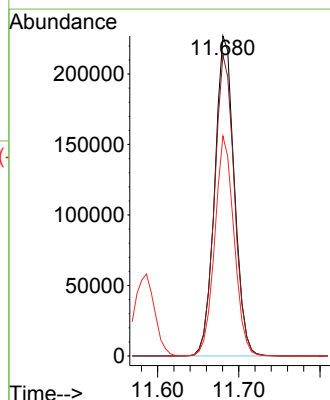
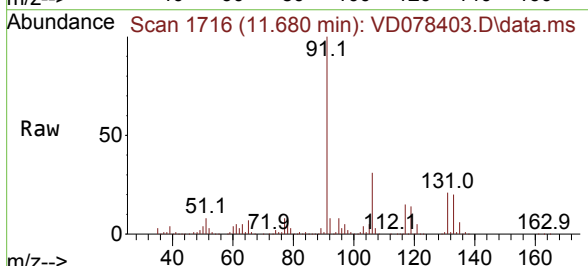
Instrument :
MSVOA_D
ClientSampleId :

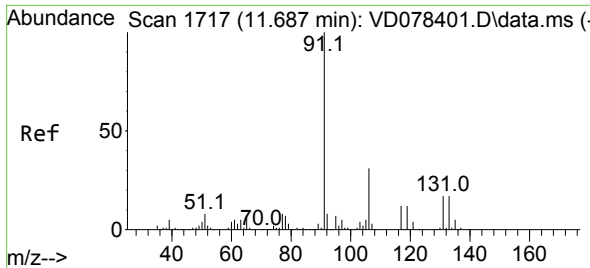
Tgt Ion:112 Resp: 996013
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 163.839 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion:131 Resp: 381279
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 67.6 35.6 106.9

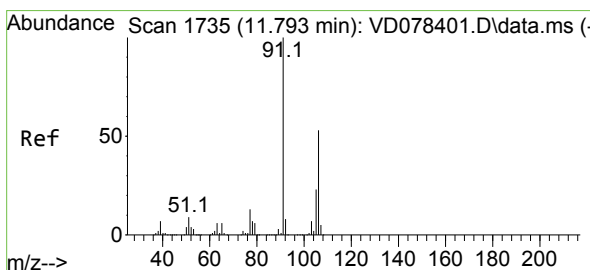
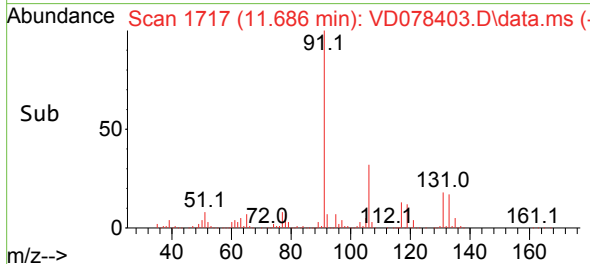
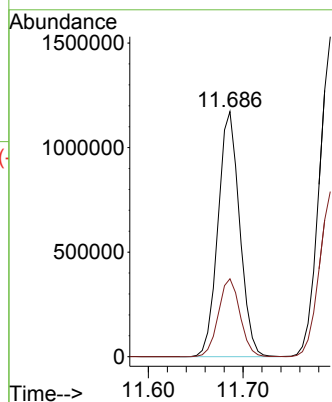
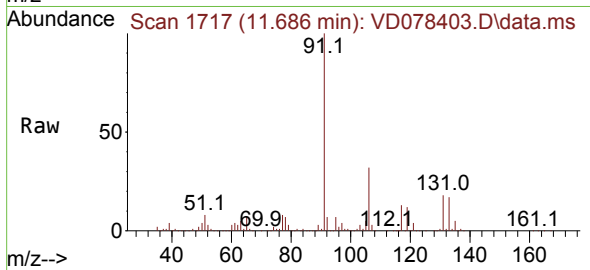




#67
Ethyl Benzene
Concen: 164.006 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

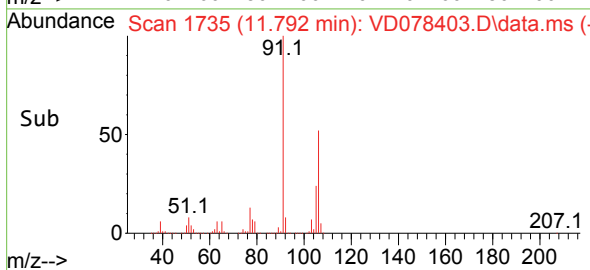
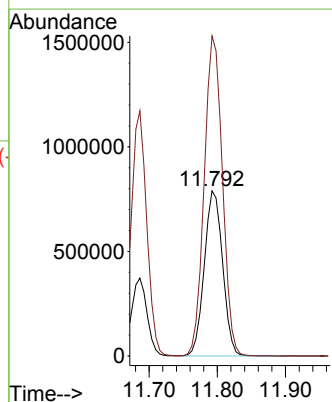
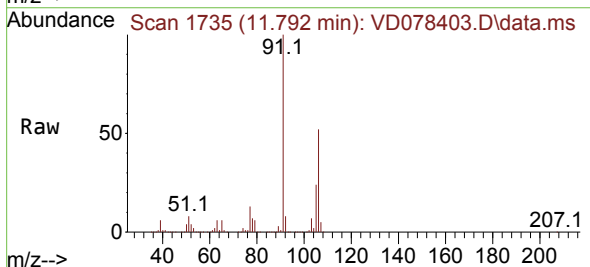
Instrument :
MSVOA_D
ClientSampleId :

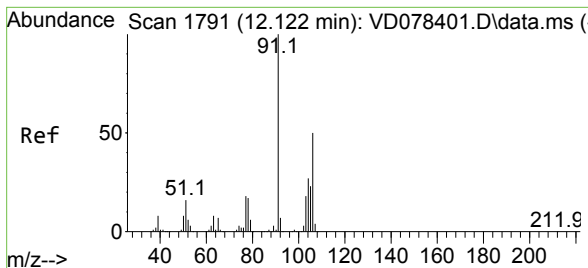
Tgt Ion: 91 Resp: 1860837
Ion Ratio Lower Upper
91 100
106 31.8 26.5 39.7



#68
m/p-Xylenes
Concen: 333.128 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion:106 Resp: 1474339
Ion Ratio Lower Upper
106 100
91 192.9 147.0 220.6

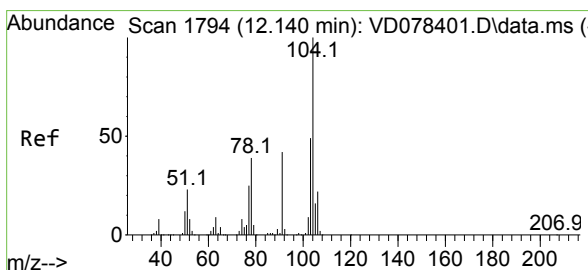
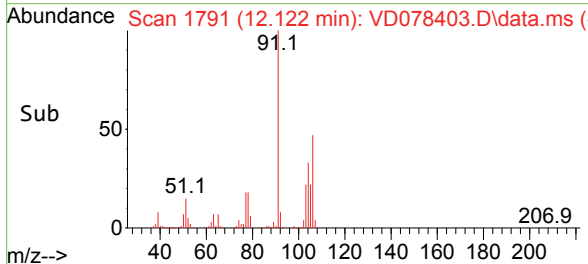
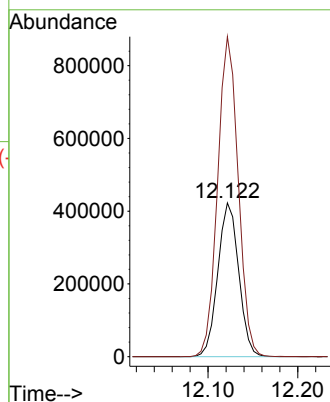
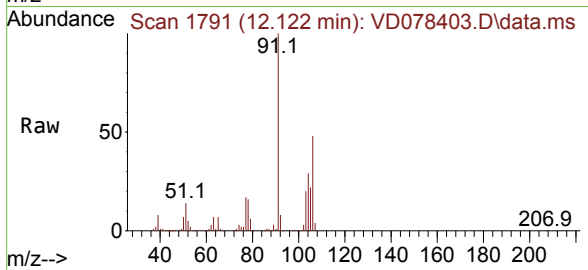




#69
o-Xylene
Concen: 169.132 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

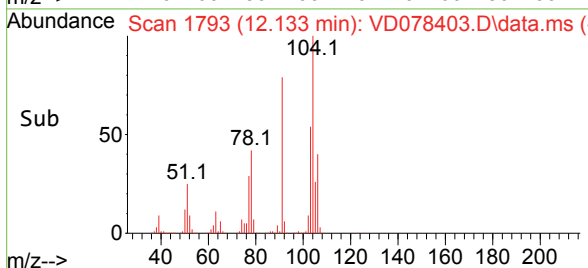
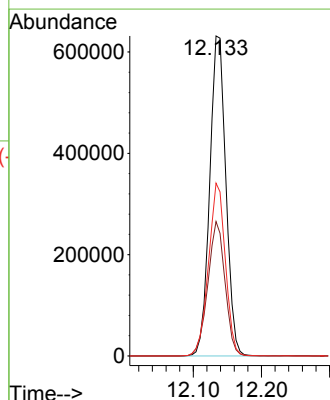
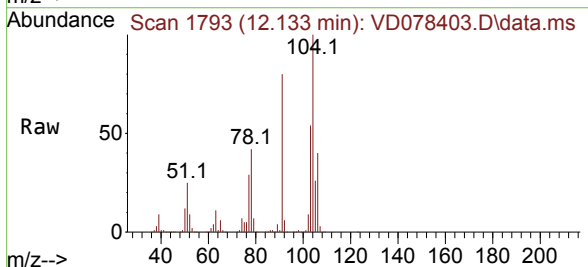
Instrument :
MSVOA_D
ClientSampleId :

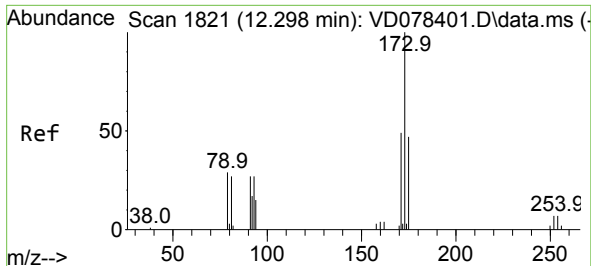
Tgt Ion:106 Resp: 683089
Ion Ratio Lower Upper
106 100
91 205.4 97.9 293.6



#70
Styrene
Concen: 158.567 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

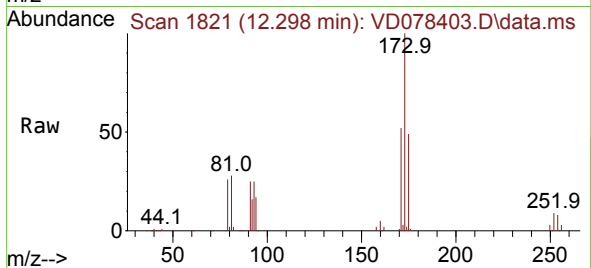
Tgt Ion:104 Resp: 1045196
Ion Ratio Lower Upper
104 100
78 44.5 33.2 49.8
103 56.3 43.6 65.4



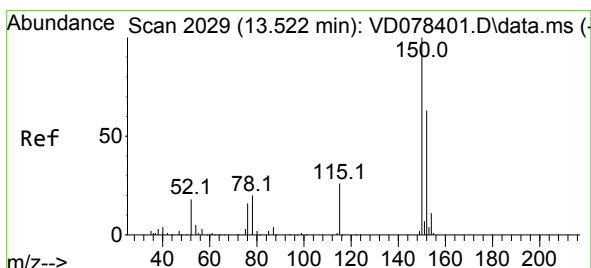
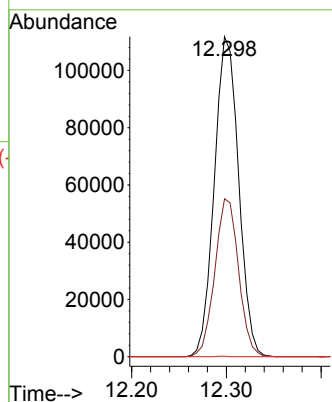
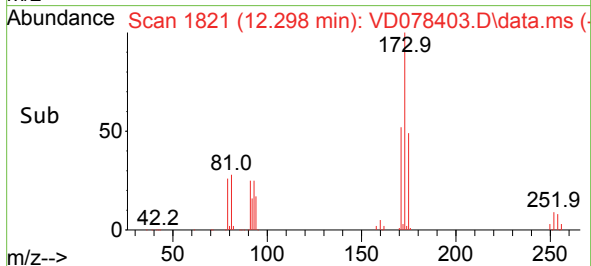


#71
Bromoform
Concen: 162.623 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Instrument :
MSVOA_D
ClientSampleId :

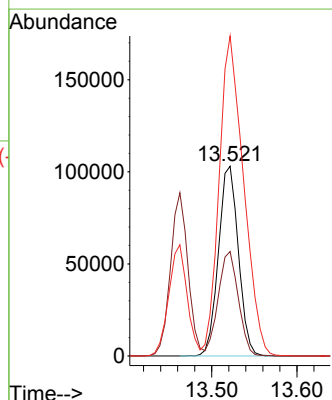
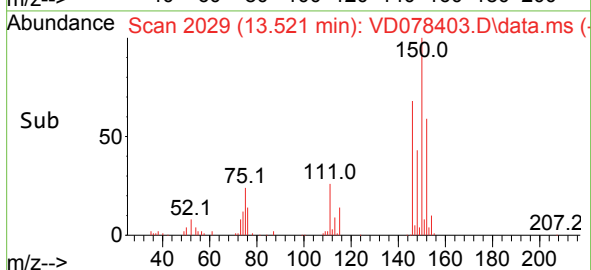
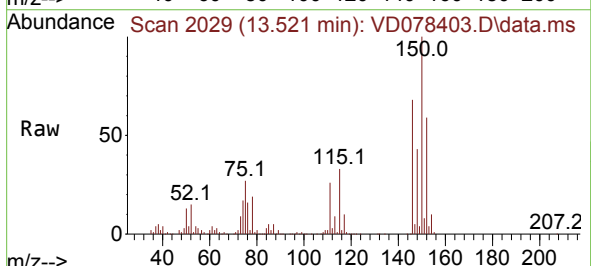


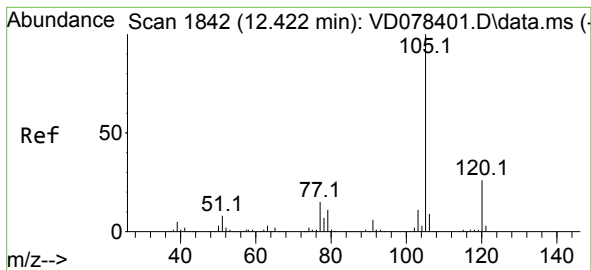
Tgt Ion:173 Resp: 199193
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion:152 Resp: 167289
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 206.8 0.0 353.6





#73

Isopropylbenzene

Concen: 156.119 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

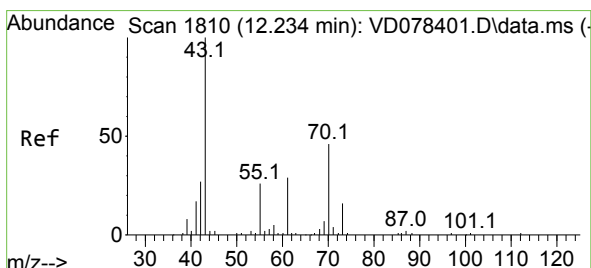
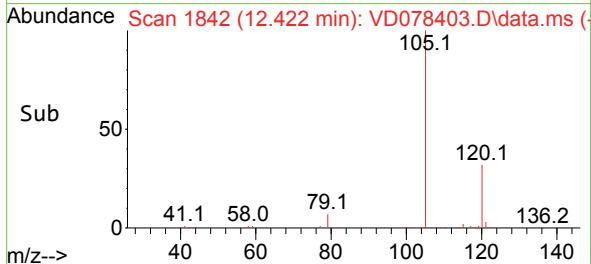
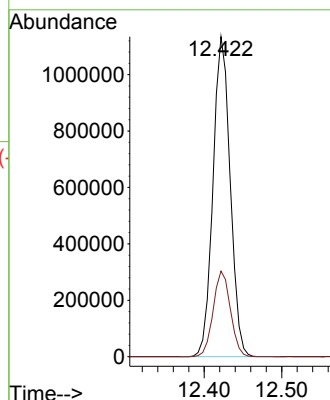
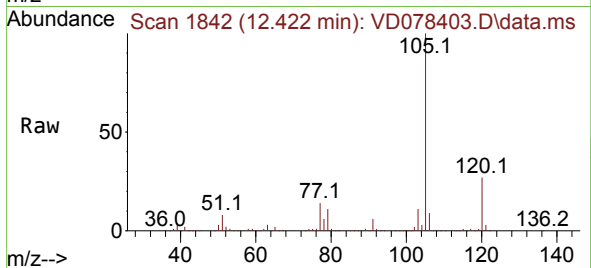
ClientSampleId :

Tgt Ion:105 Resp: 1753728

Ion Ratio Lower Upper

105 100

120 26.8 14.3 42.9



#74

N-ethyl acetate

Concen: 138.507 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Tgt Ion: 43 Resp: 294347

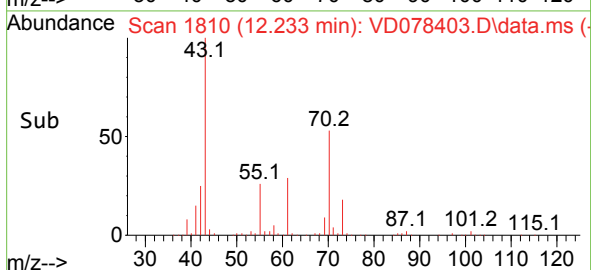
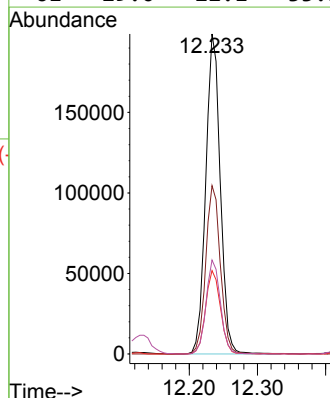
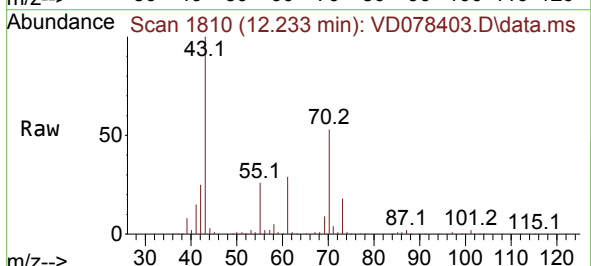
Ion Ratio Lower Upper

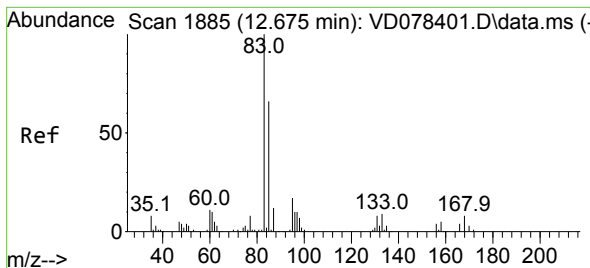
43 100

70 53.0 45.0 67.4

55 26.7 23.8 35.6

61 29.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 138.705 ug/l

RT: 12.674 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :

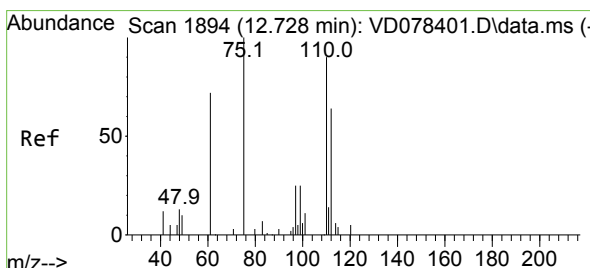
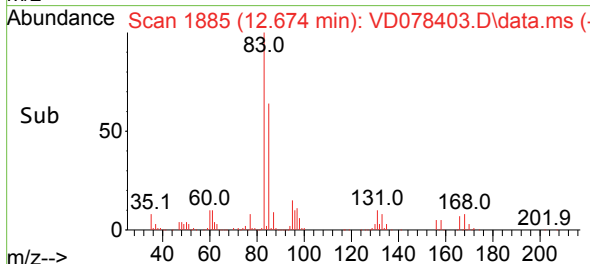
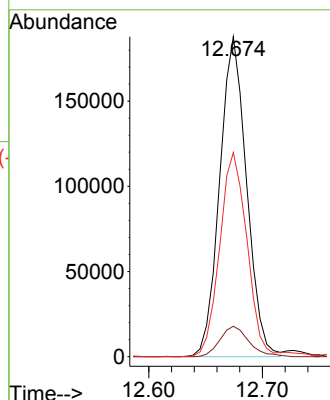
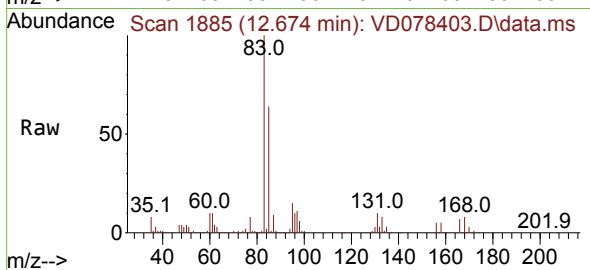
Tgt Ion: 83 Resp: 309076

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 65.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 264.499 ug/l

RT: 12.721 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078403.D

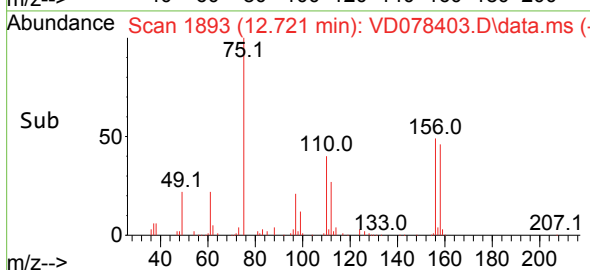
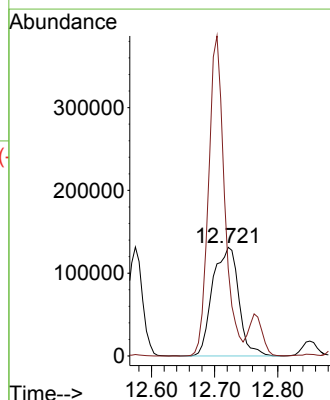
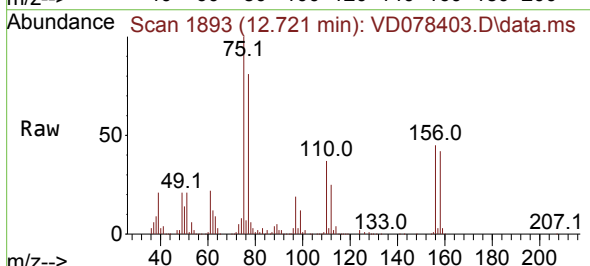
Acq: 13 Feb 2024 14:24

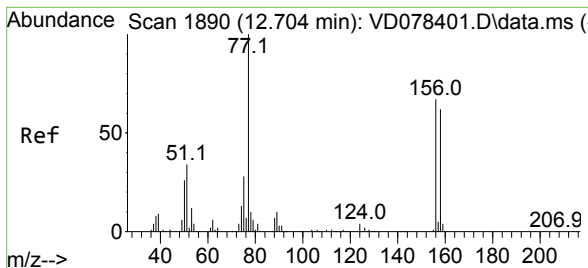
Tgt Ion: 75 Resp: 376631

Ion Ratio Lower Upper

75 100

77 181.9 0.0 0.0#





#77

Bromobenzene

Concen: 159.038 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

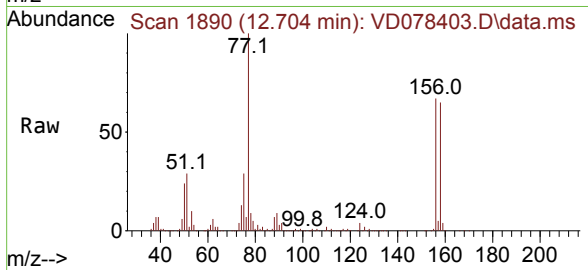
Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :



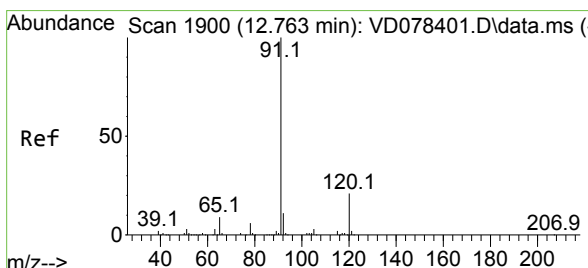
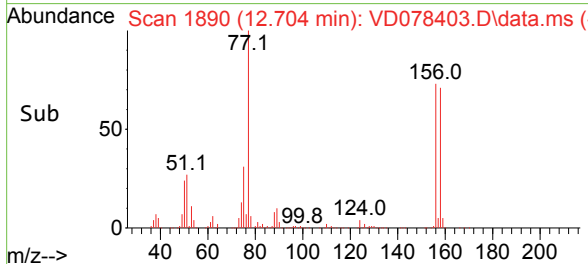
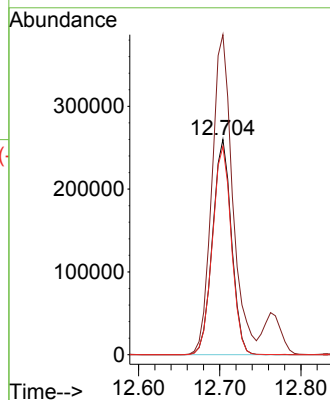
Tgt Ion:156 Resp: 419858

Ion Ratio Lower Upper

156 100

77 163.2 76.8 230.4

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 148.924 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078403.D

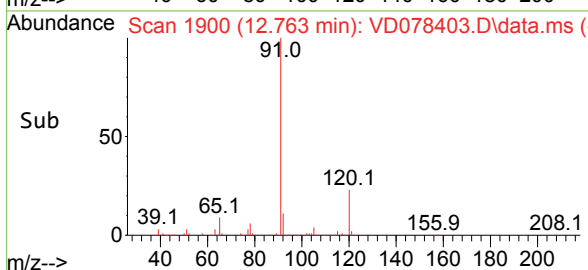
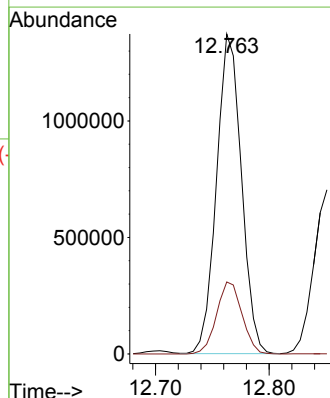
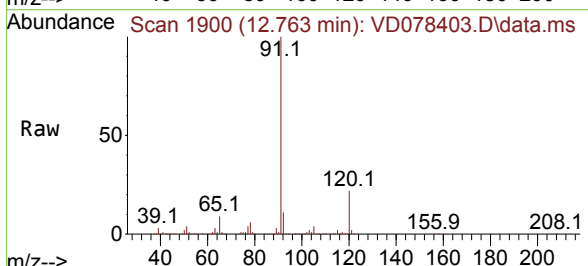
Acq: 13 Feb 2024 14:24

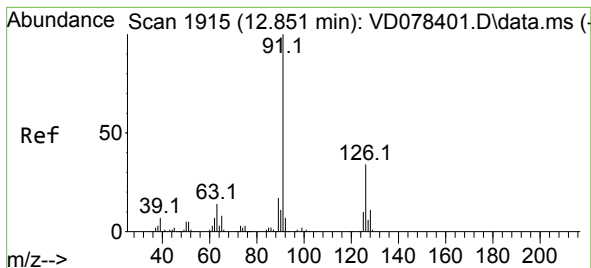
Tgt Ion: 91 Resp: 2084763

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

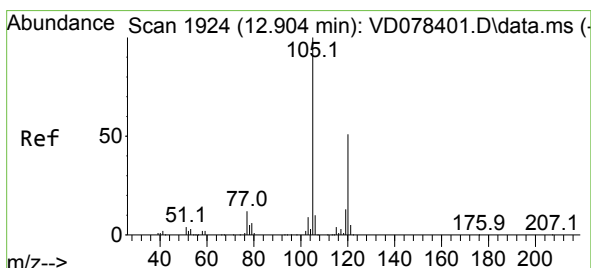
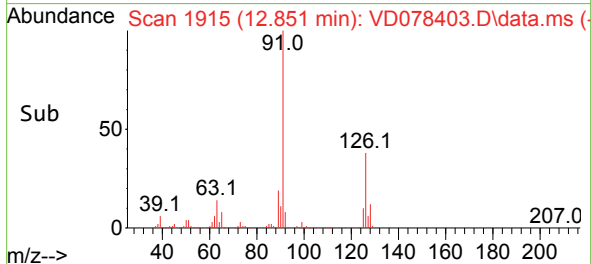
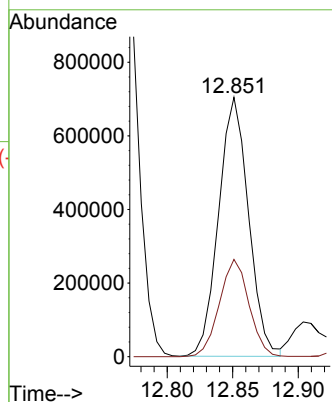
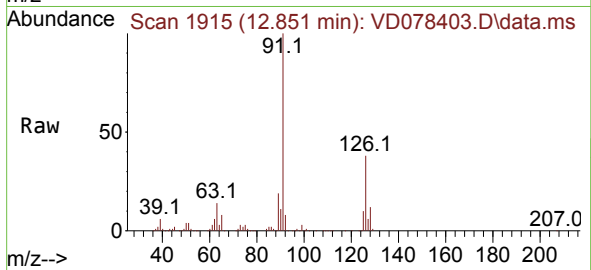




#79
2-Chlorotoluene
Concen: 149.446 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

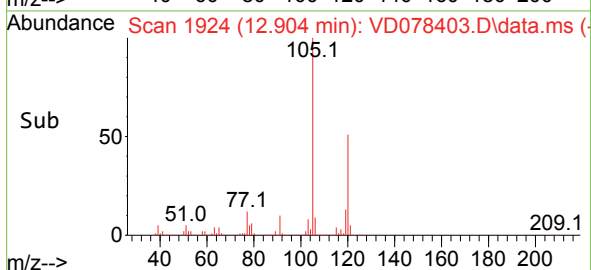
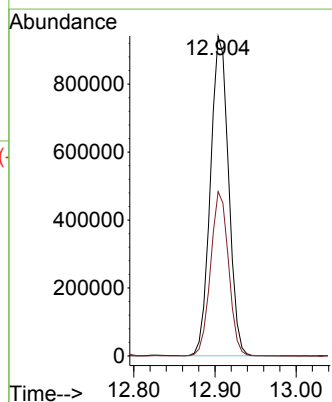
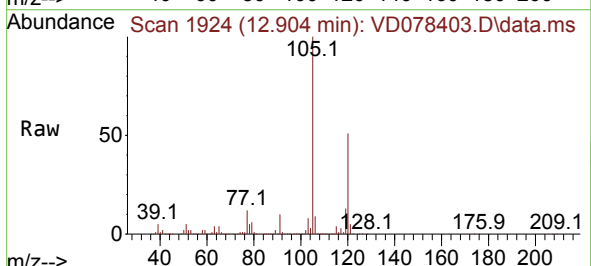
Instrument :
MSVOA_D
ClientSampleId :

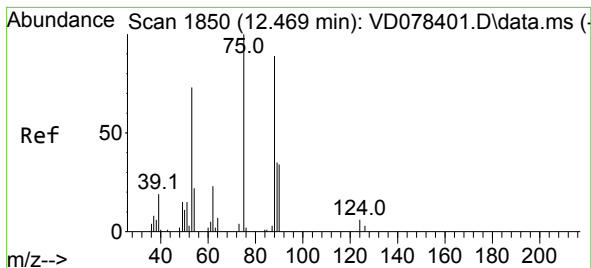
Tgt Ion: 91 Resp: 1120514
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 156.301 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

Tgt Ion: 105 Resp: 1457927
Ion Ratio Lower Upper
105 100
120 50.9 26.4 79.2

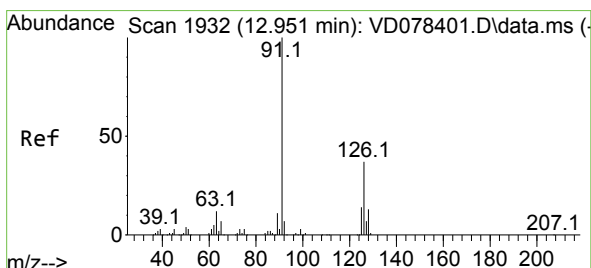
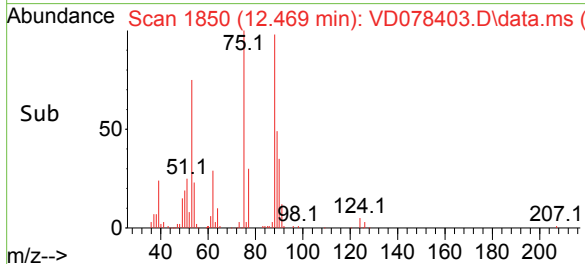
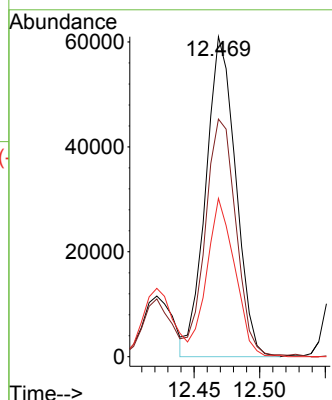
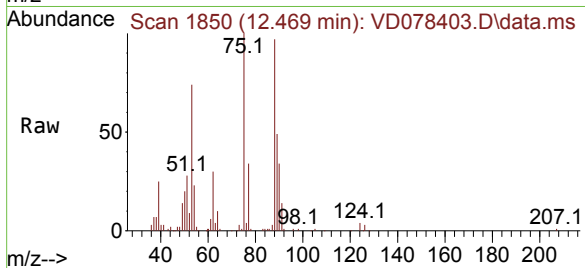




#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.497 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

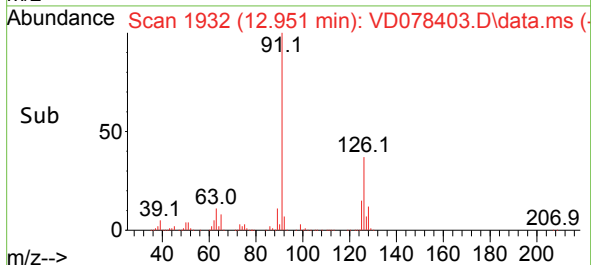
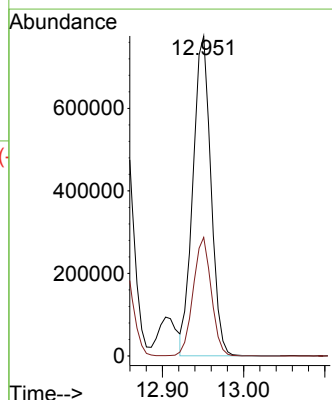
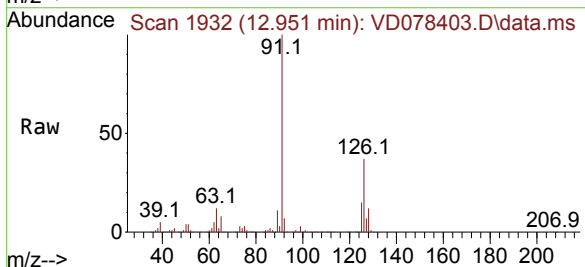
Instrument :
 MSVOA_D
 ClientSampleId :

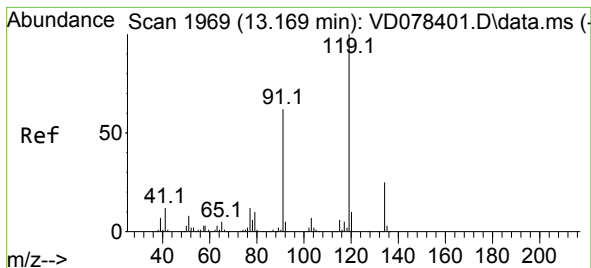
Tgt Ion: 75 Resp: 96800
 Ion Ratio Lower Upper
 75 100
 53 76.7 63.0 94.4
 89 46.3 37.9 56.9



#82
 4-Chlorotoluene
 Concen: 148.047 ug/l
 RT: 12.951 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

Tgt Ion: 91 Resp: 1192175
 Ion Ratio Lower Upper
 91 100
 126 37.5 19.4 58.4





#83

tert-Butylbenzene

Concen: 156.446 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :

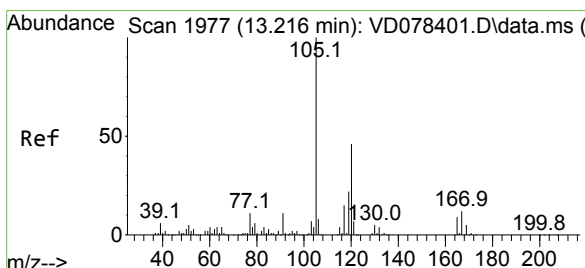
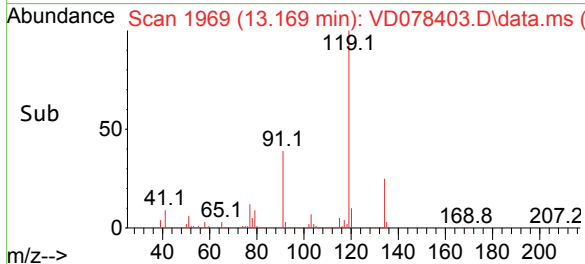
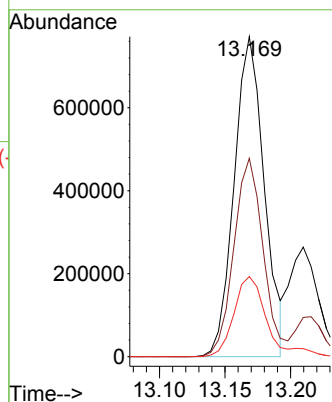
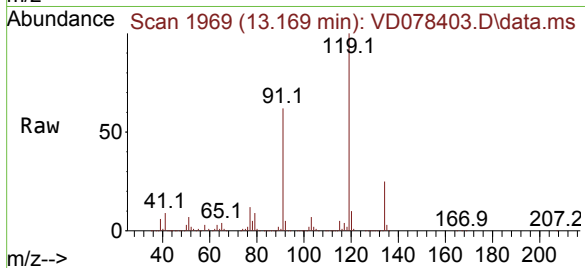
Tgt Ion:119 Resp: 1230694

Ion Ratio Lower Upper

119 100

91 60.8 29.3 87.8

134 27.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 160.749 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD078403.D

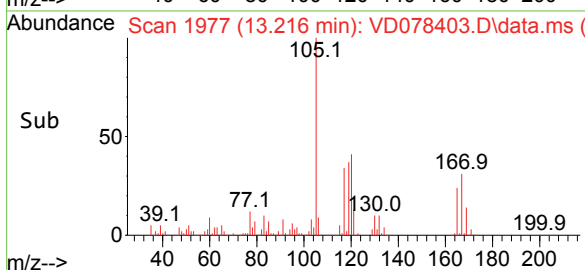
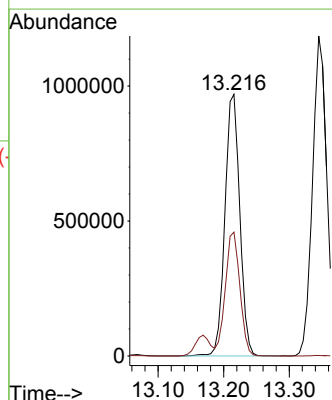
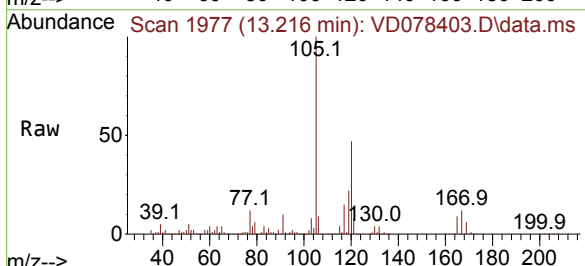
Acq: 13 Feb 2024 14:24

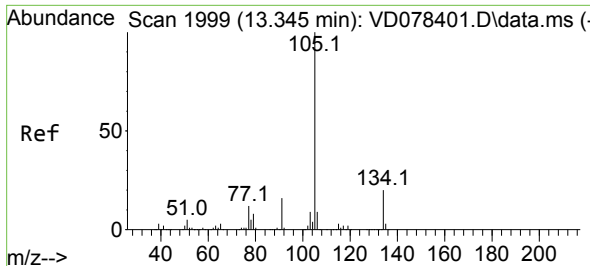
Tgt Ion:105 Resp: 1521759

Ion Ratio Lower Upper

105 100

120 46.5 24.3 72.9

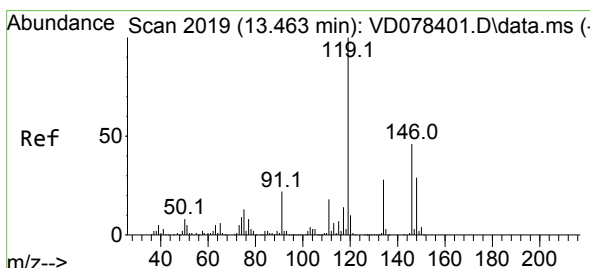
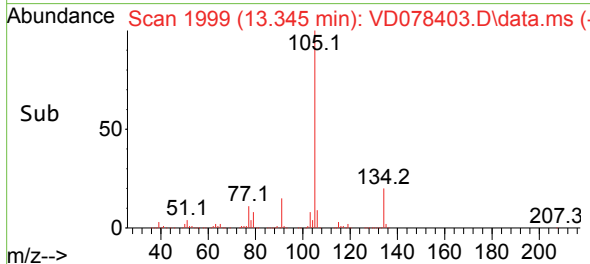
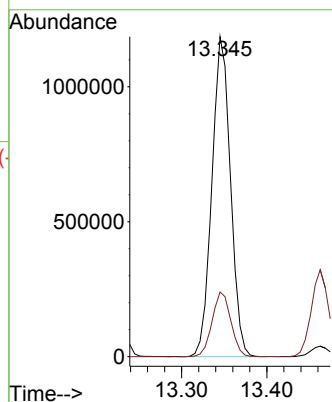
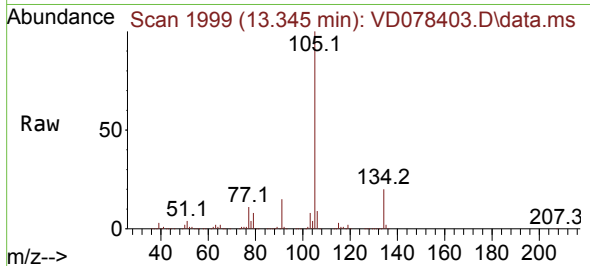




#85
 sec-Butylbenzene
 Concen: 147.466 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

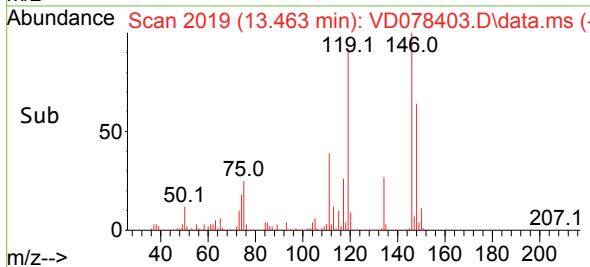
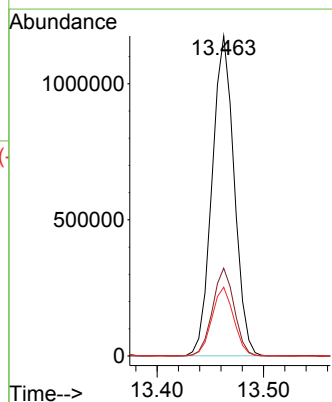
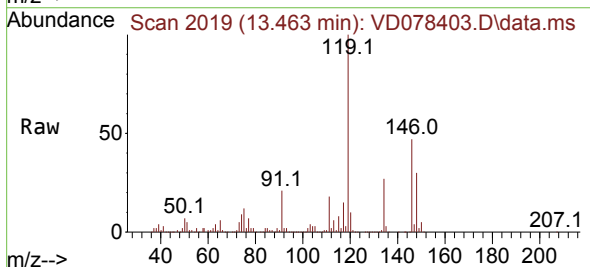
Instrument :
 MSVOA_D
 ClientSampleId :

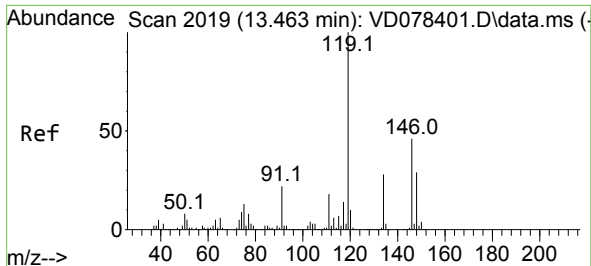
Tgt Ion:105 Resp: 1799071
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 162.585 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

Tgt Ion:119 Resp: 1689455
 Ion Ratio Lower Upper
 119 100
 134 27.0 14.2 42.6
 91 21.2 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 156.271 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :

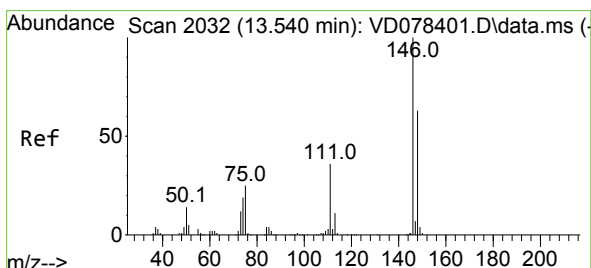
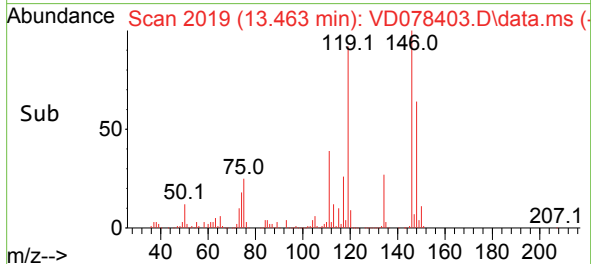
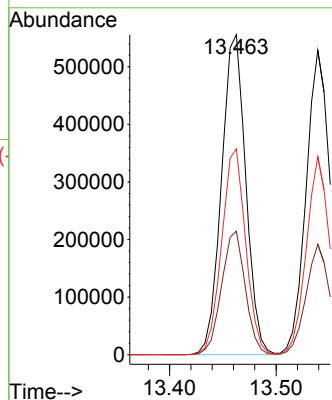
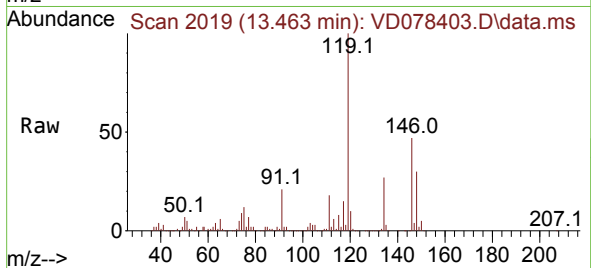
Tgt Ion:146 Resp: 880511

Ion Ratio Lower Upper

146 100

111 37.8 17.9 53.8

148 63.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 150.065 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

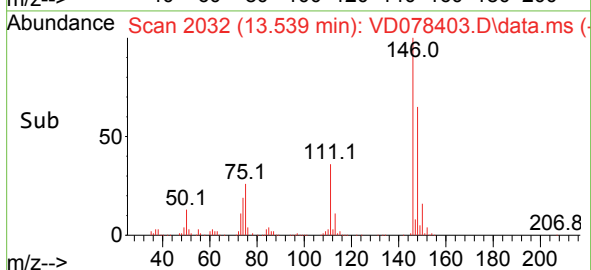
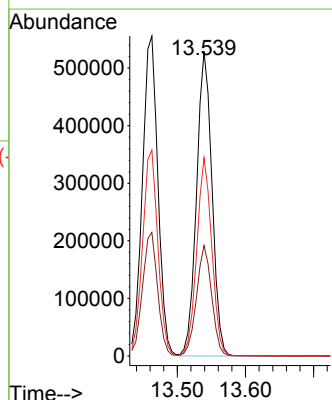
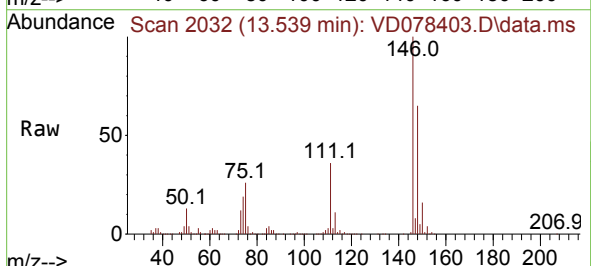
Tgt Ion:146 Resp: 830807

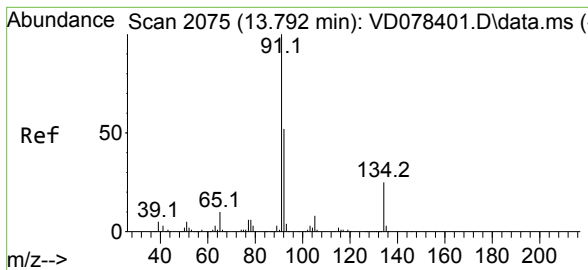
Ion Ratio Lower Upper

146 100

111 35.5 17.4 52.3

148 63.6 31.7 95.1

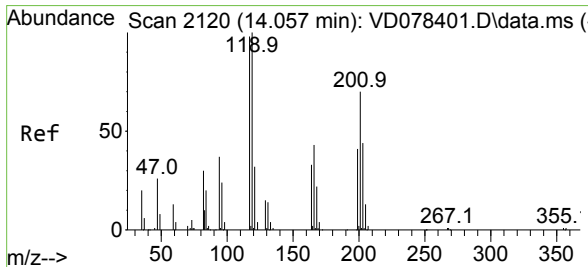
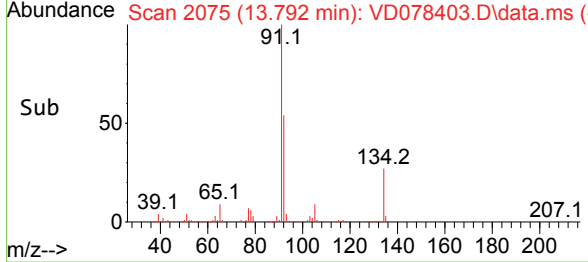
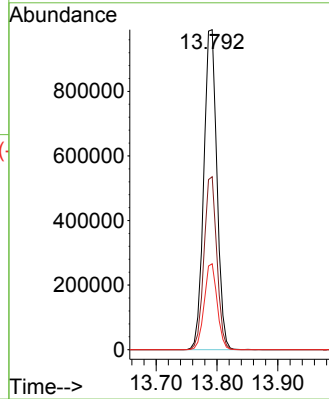
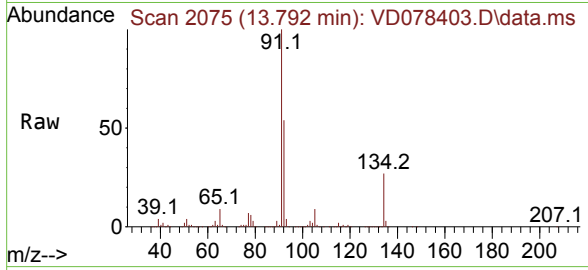




#89
n-Butylbenzene
Concen: 148.402 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

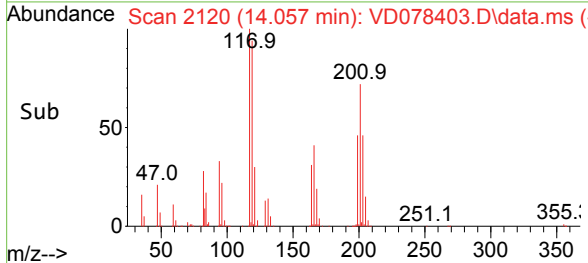
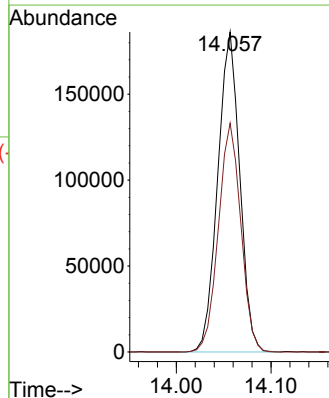
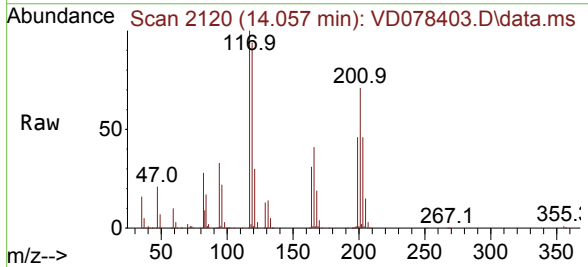
Instrument :
MSVOA_D
ClientSampleId :

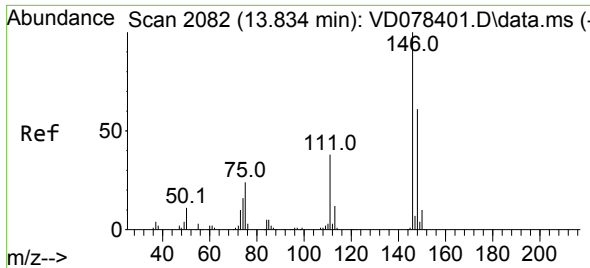
Tgt Ion: 91 Resp: 1486348
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 26.5 13.8 41.3



#90
Hexachloroethane
Concen: 140.558 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD078403.D
Acq: 13 Feb 2024 14:24

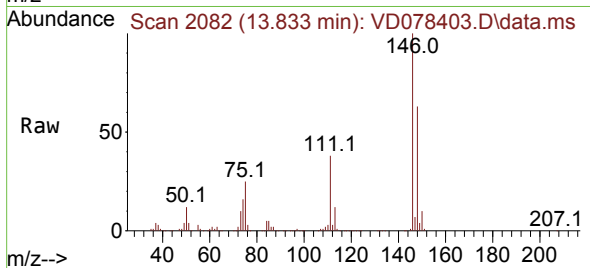
Tgt Ion: 117 Resp: 300193
Ion Ratio Lower Upper
117 100
201 72.9 38.5 115.5



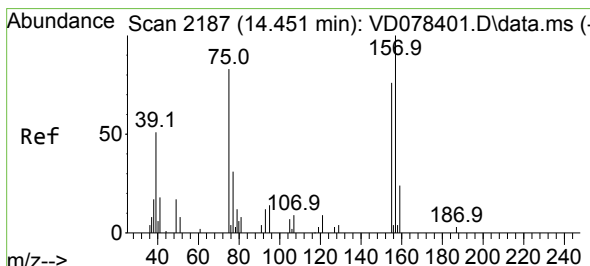
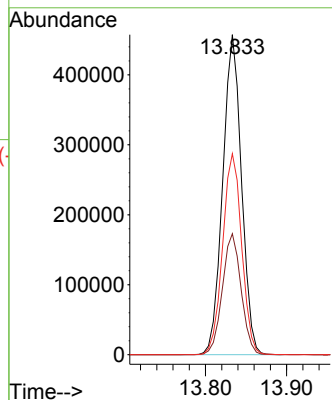
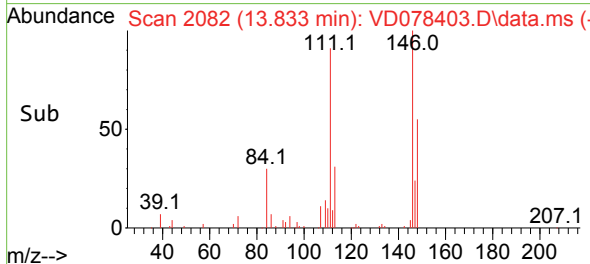


#91
 1,2-Dichlorobenzene
 Concen: 155.326 ug/l
 RT: 13.833 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

Instrument :
 MSVOA_D
 ClientSampleId :

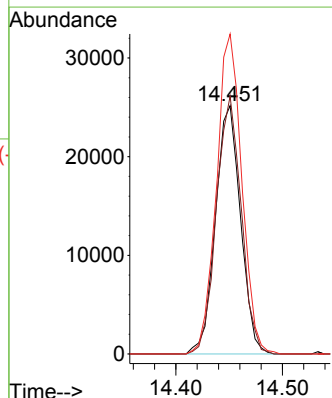
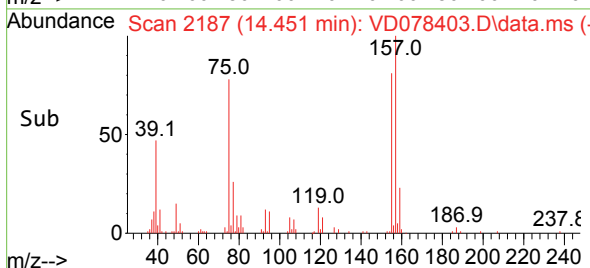
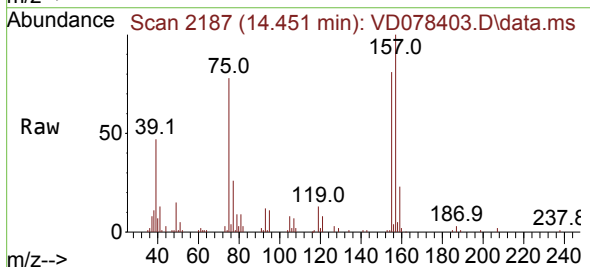


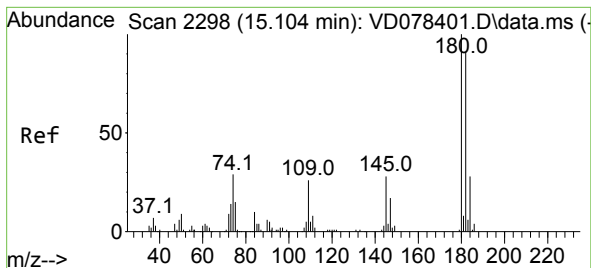
Tgt Ion:146 Resp: 734928
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.3 54.8
 148 63.7 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 141.145 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. -0.000 min
 Lab File: VD078403.D
 Acq: 13 Feb 2024 14:24

Tgt Ion: 75 Resp: 41182
 Ion Ratio Lower Upper
 75 100
 155 102.4 47.9 143.8
 157 129.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 159.754 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

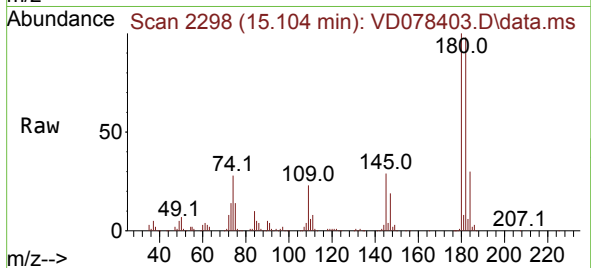
Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :



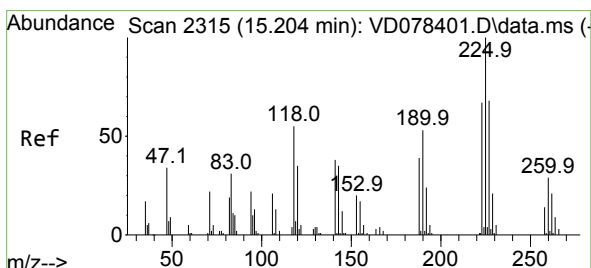
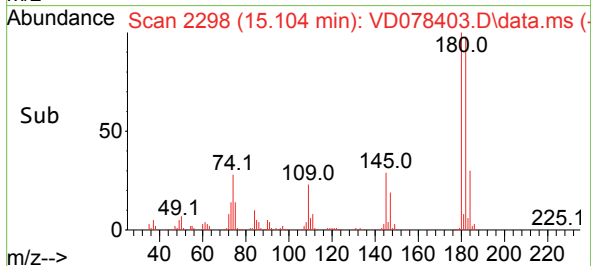
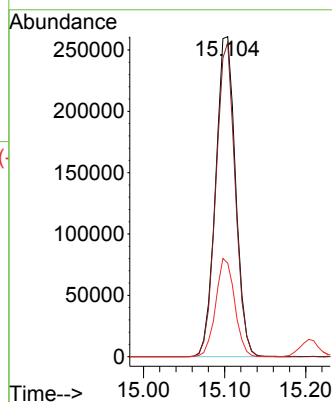
Tgt Ion:180 Resp: 444232

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

145 29.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 147.417 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

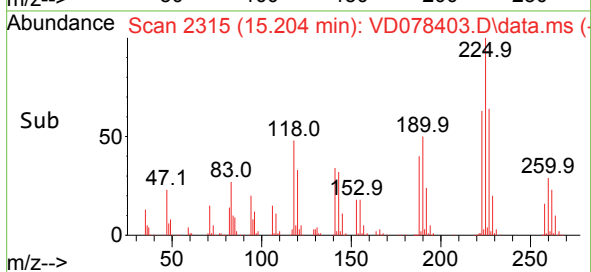
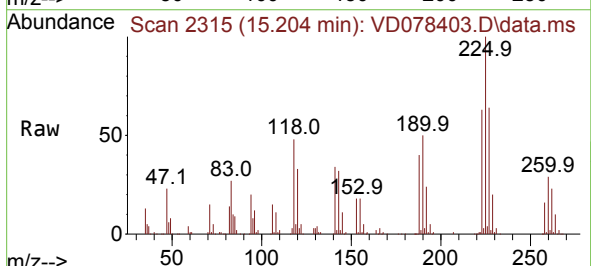
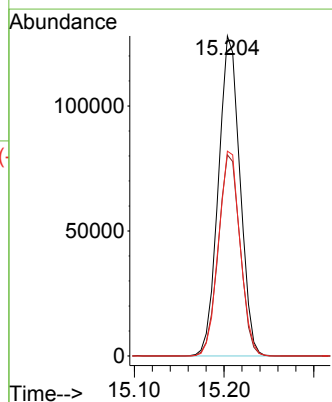
Tgt Ion:225 Resp: 213965

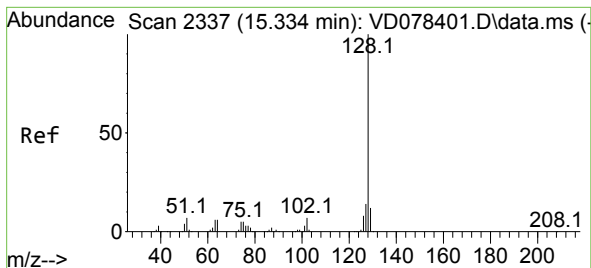
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 64.1 31.7 95.1





#95

Naphthalene

Concen: 170.755 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

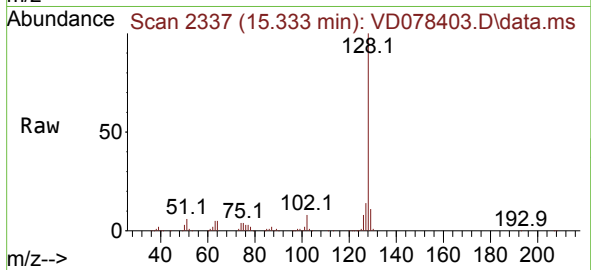
Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :



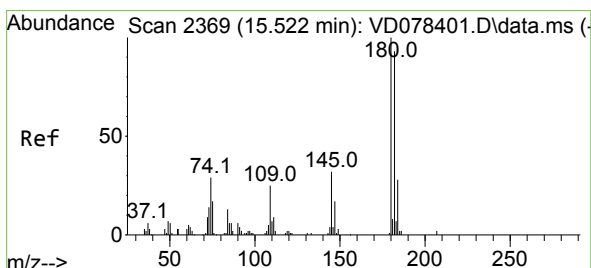
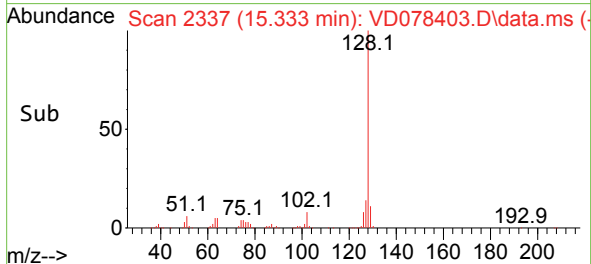
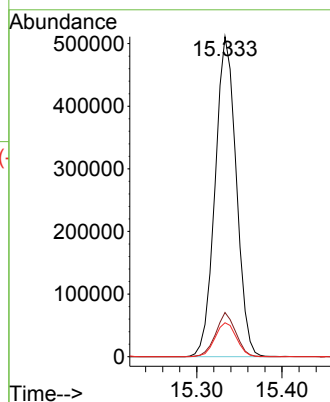
Tgt Ion:128 Resp: 880678

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 168.044 ug/l

RT: 15.521 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078403.D

Acq: 13 Feb 2024 14:24

Tgt Ion:180 Resp: 396021

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.9

145 30.1 15.1 45.3

