

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078006.D
 Acq On : 20 Dec 2023 20:50
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 21 05:29:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	107359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94519	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72283	57.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.280%	
35) Dibromofluoromethane	7.810	113	77122	59.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.140%	
50) Toluene-d8	10.269	98	295774	57.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.080%	
62) 4-Bromofluorobenzene	12.575	95	89383	57.653	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	55895	41.679	ug/l	99
3) Chloromethane	2.152	50	87634	47.940	ug/l	96
4) Vinyl Chloride	2.287	62	126798	51.095	ug/l	98
5) Bromomethane	2.699	94	101284	72.736	ug/l	97
6) Chloroethane	2.840	64	94785	56.023	ug/l	99
7) Trichlorofluoromethane	3.181	101	107911	47.214	ug/l	99
8) Diethyl Ether	3.599	74	33231	51.779	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.981	101	66314	50.717	ug/l	97
10) Methyl Iodide	4.164	142	73851	62.497	ug/l	90
11) Tert butyl alcohol	5.058	59	16155	265.897	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	63027	48.839	ug/l #	81
13) Acrolein	3.793	56	21331	159.399	ug/l	95
14) Allyl chloride	4.564	41	84456	47.584	ug/l	91
15) Acrylonitrile	5.258	53	72425	263.570	ug/l	97
16) Acetone	4.017	43	66881	243.845	ug/l #	82
17) Carbon Disulfide	4.275	76	183010	41.918	ug/l	97
18) Methyl Acetate	4.564	43	58159	58.374	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	152164	55.575	ug/l	98
20) Methylene Chloride	4.805	84	83267	56.177	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	76175	52.114	ug/l	89
22) Diisopropyl ether	6.222	45	194291	52.384	ug/l	96
23) Vinyl Acetate	6.158	43	363064	200.450	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	132416	52.719	ug/l	98
25) 2-Butanone	7.087	43	88588	255.051	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	106148	50.334	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	90050	57.254	ug/l	95
28) Bromochloromethane	7.428	49	49831	49.097	ug/l	84
29) Tetrahydrofuran	7.446	42	52277	259.503	ug/l	91
30) Chloroform	7.599	83	142674	56.756	ug/l	96
31) Cyclohexane	7.881	56	94373	41.941	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	117439	52.994	ug/l	98
36) 1,1-Dichloropropene	8.010	75	100564	48.558	ug/l	96
37) Ethyl Acetate	7.169	43	34838	43.142	ug/l	99
38) Carbon Tetrachloride	7.993	117	101687	49.252	ug/l	96
39) Methylcyclohexane	9.275	83	113548	46.249	ug/l	90
40) Benzene	8.252	78	307917	52.385	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	22618	55.107	ug/l	93
42) 1,2-Dichloroethane	8.328	62	83391	54.731	ug/l	95
43) Isopropyl Acetate	8.363	43	71443	49.769	ug/l	93
44) Trichloroethene	9.028	130	79714	52.040	ug/l	85
45) 1,2-Dichloropropane	9.310	63	77429	54.188	ug/l	94
46) Dibromomethane	9.393	93	43232	57.181	ug/l	93
47) Bromodichloromethane	9.587	83	107811	56.259	ug/l	97
48) Methyl methacrylate	9.381	41	40727	49.911	ug/l	82
49) 1,4-Dioxane	9.387	88	7858	1046.704	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	189402	258.529	ug/l	93
52) Toluene	10.334	92	200098	54.880	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	100905	54.832	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	119896	53.887	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	59209	57.253	ug/l	96
56) Ethyl methacrylate	10.599	69	51157	56.115	ug/l	91
57) 1,3-Dichloropropane	10.881	76	100506	56.381	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	116015	223.153	ug/l	96
59) 2-Hexanone	10.922	43	135014	222.132	ug/l	92
60) Dibromochloromethane	11.075	129	72887	58.539	ug/l	94
61) 1,2-Dibromoethane	11.181	107	56253	57.785	ug/l	99
64) Tetrachloroethene	10.810	164	65219	50.645	ug/l	96
65) Chlorobenzene	11.604	112	213206	51.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	80107	54.981	ug/l	96
67) Ethyl Benzene	11.687	91	380408	52.150	ug/l	99
68) m/p-Xylenes	11.793	106	297917	106.773	ug/l	91
69) o-Xylene	12.122	106	138504	53.861	ug/l	94
70) Styrene	12.134	104	213800	55.915	ug/l	96
71) Bromoform	12.298	173	42155	55.374	ug/l #	98
73) Isopropylbenzene	12.422	105	364027	50.815	ug/l	97
74) N-amyl acetate	12.234	43	64387	45.724	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	67737	54.229	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	83909	102.216	ug/l #	100
77) Bromobenzene	12.698	156	90283	53.581	ug/l	94
78) n-propylbenzene	12.763	91	444071	50.872	ug/l	97
79) 2-Chlorotoluene	12.851	91	241292	51.579	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	308625	51.655	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	21449	52.938	ug/l	94
82) 4-Chlorotoluene	12.945	91	260158	53.196	ug/l	96
83) tert-Butylbenzene	13.169	119	269244	53.378	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	317358	53.106	ug/l	99
85) sec-Butylbenzene	13.345	105	392708	52.670	ug/l	97
86) p-Isopropyltoluene	13.463	119	357056	53.487	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	185316	53.780	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	179741	52.335	ug/l	99
89) n-Butylbenzene	13.787	91	329667	52.483	ug/l	98
90) Hexachloroethane	14.051	117	69796	56.852	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	155063	52.912	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9935	55.006	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	99212	49.563	ug/l	95
94) Hexachlorobutadiene	15.204	225	52829	48.942	ug/l	98
95) Naphthalene	15.334	128	182889	54.989	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	84961	51.483	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

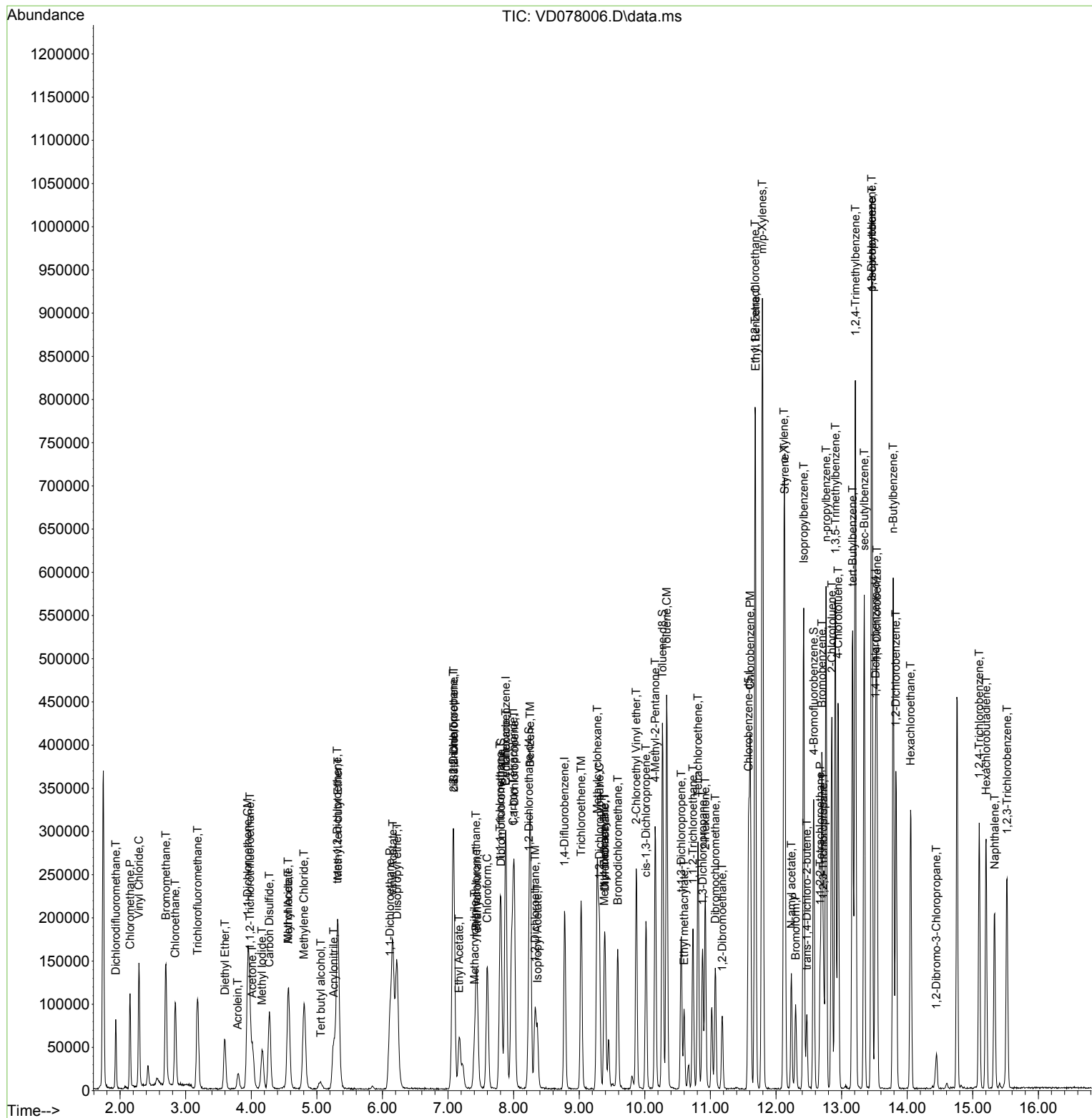
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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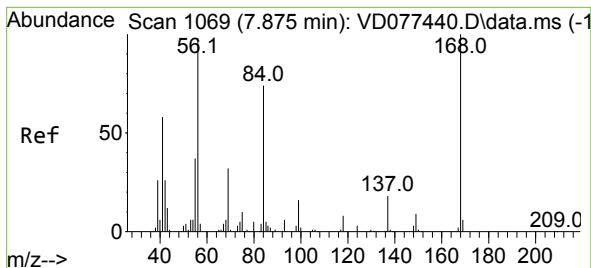
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

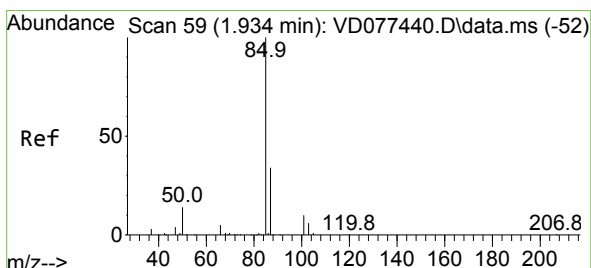
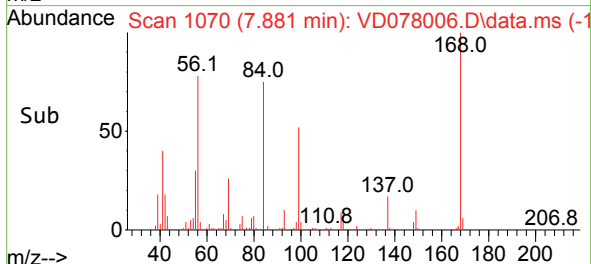
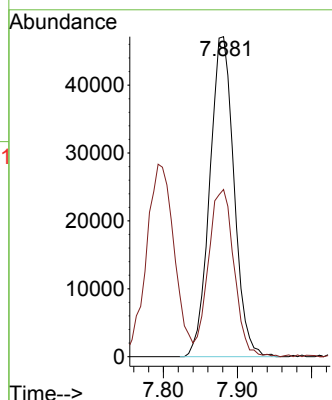
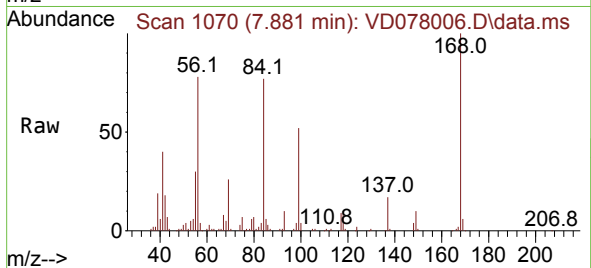
ClientSampleId :

Tgt Ion:168 Resp: 107359

Ion Ratio Lower Upper

168 100

99 52.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 41.679 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078006.D

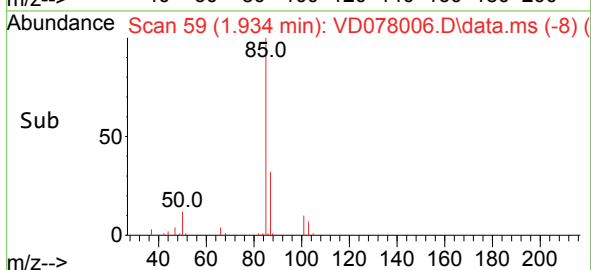
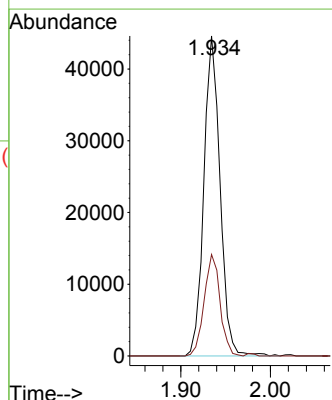
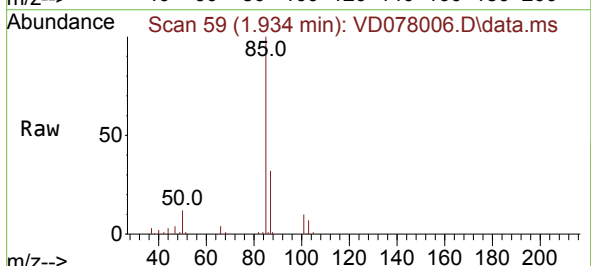
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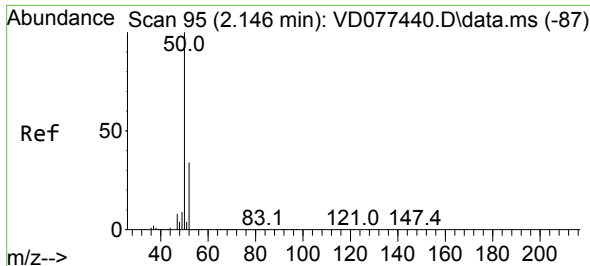
Tgt Ion: 85 Resp: 55895

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.0

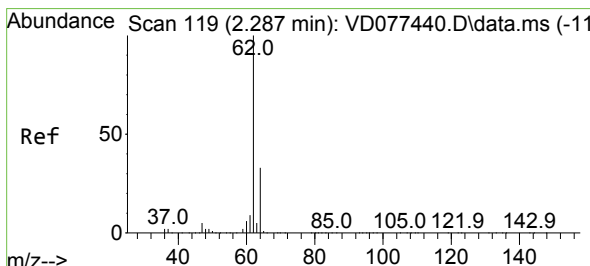
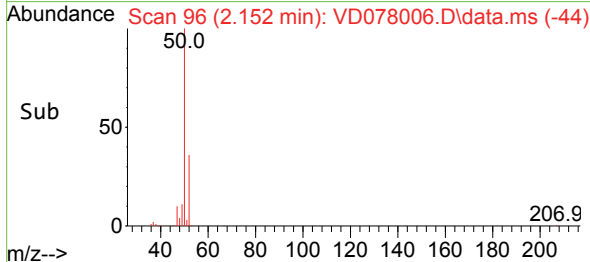
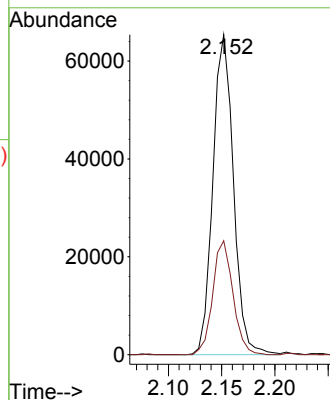
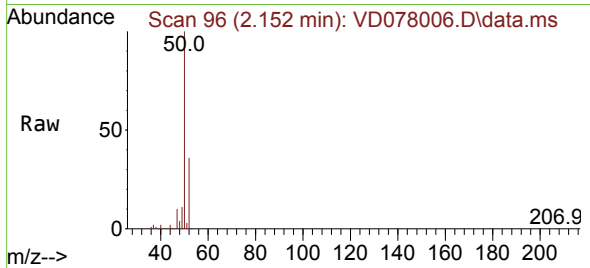




#3
Chloromethane
Concen: 47.940 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

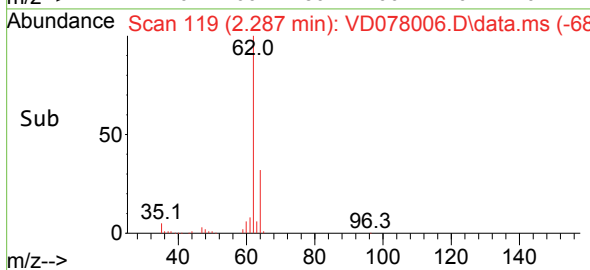
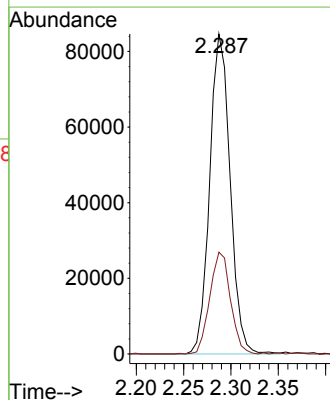
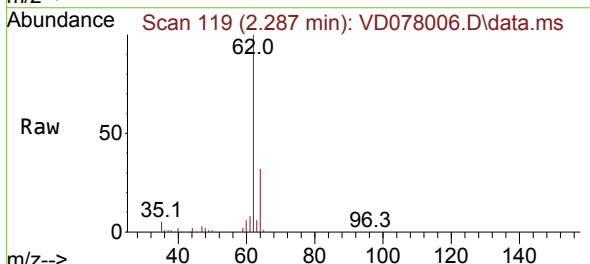
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 87634
Ion Ratio Lower Upper
50 100
52 35.6 26.6 40.0



#4
Vinyl Chloride
Concen: 51.095 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 62 Resp: 126798
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0

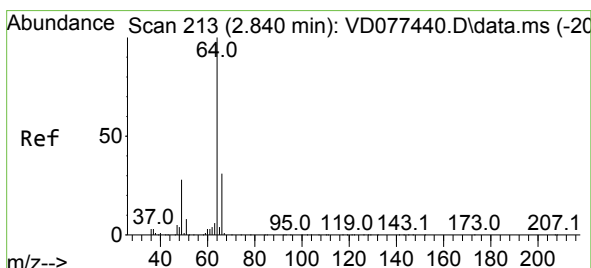
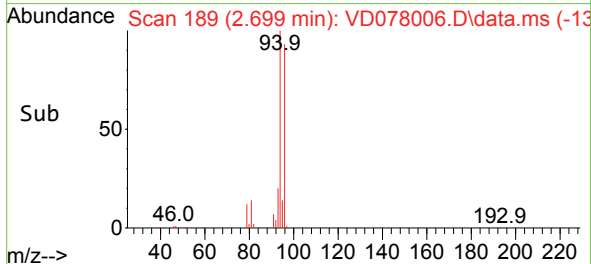
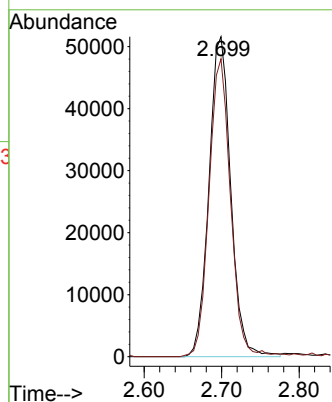
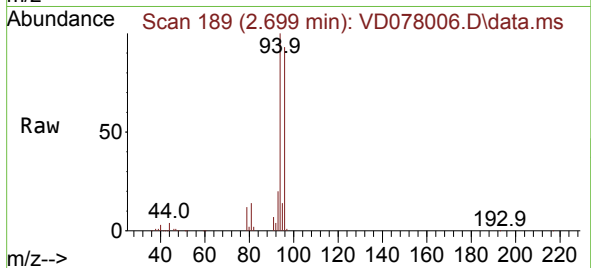




#5
Bromomethane
Concen: 72.736 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

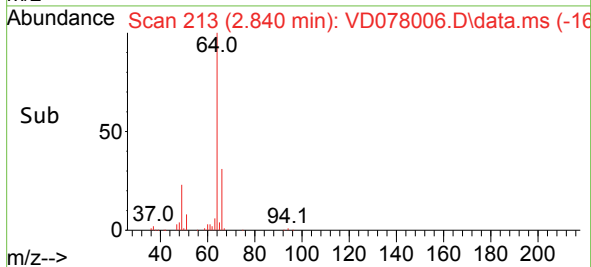
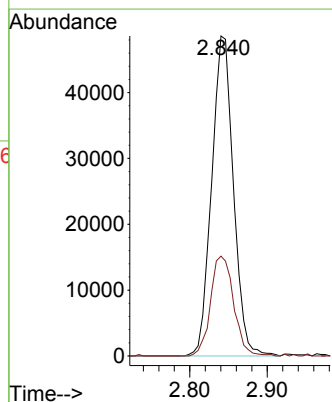
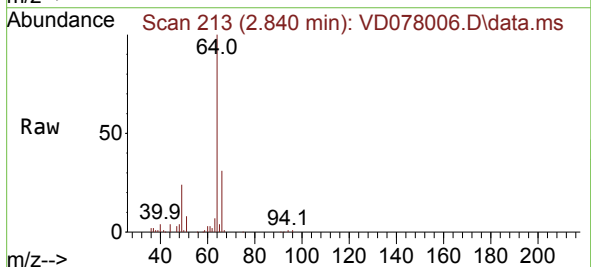
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MSVOA_D
ClientSampleId :

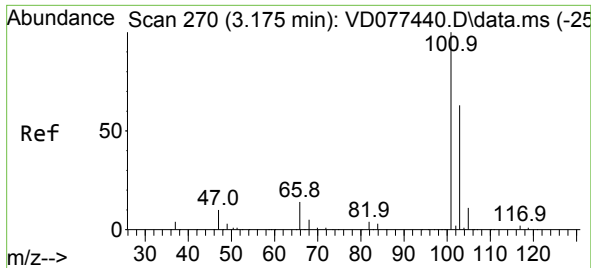
Tgt Ion: 94 Resp: 101284
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.8



#6
Chloroethane
Concen: 56.023 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 64 Resp: 94785
Ion Ratio Lower Upper
64 100
66 31.2 25.5 38.3

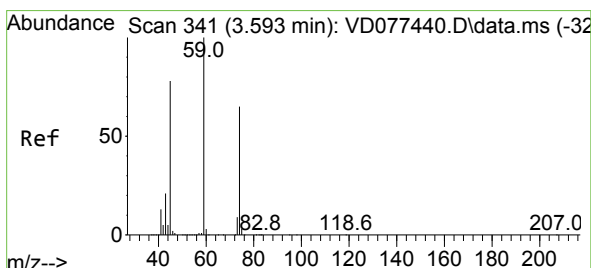
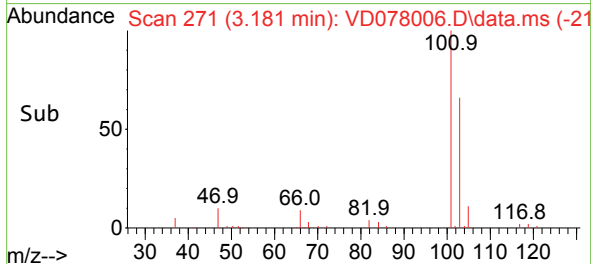
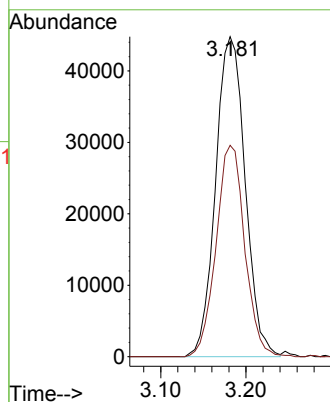
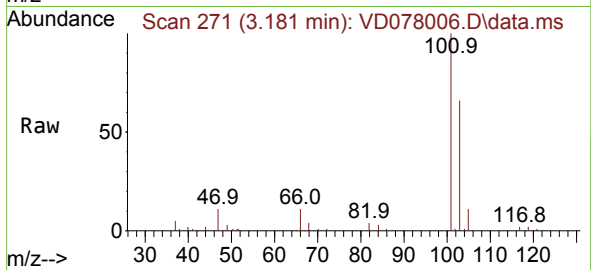




#7
Trichlorofluoromethane
Concen: 47.214 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

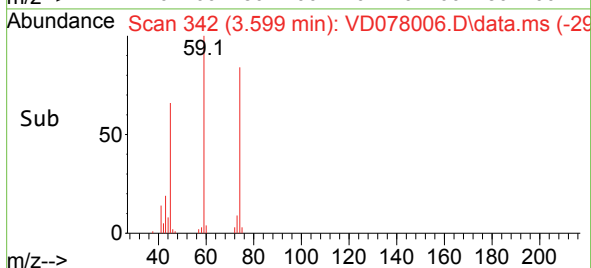
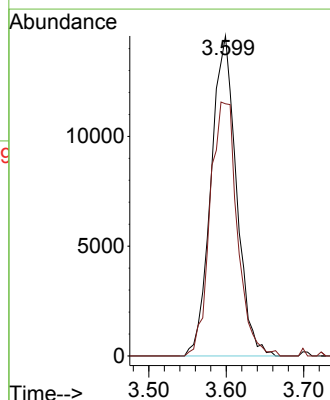
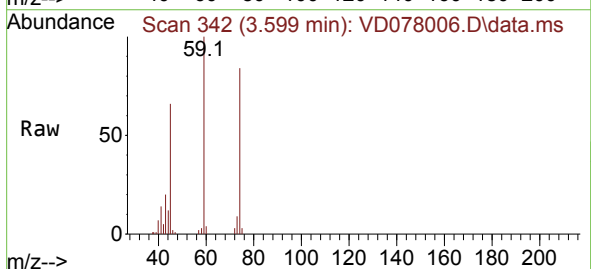
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 107911
Ion Ratio Lower Upper
101 100
103 66.0 52.3 78.5



#8
Diethyl Ether
Concen: 51.779 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 74 Resp: 33231
Ion Ratio Lower Upper
74 100
45 84.9 37.5 112.7

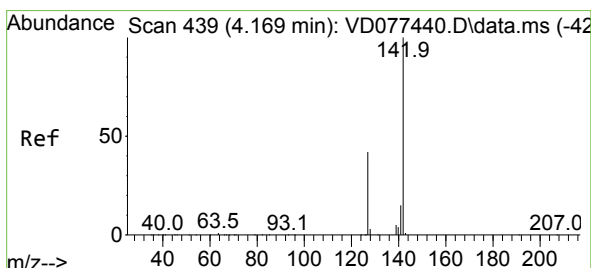
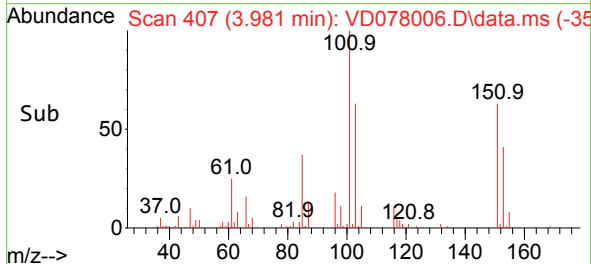
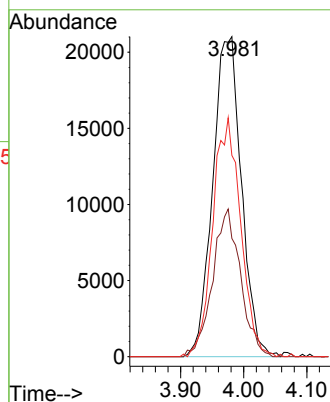
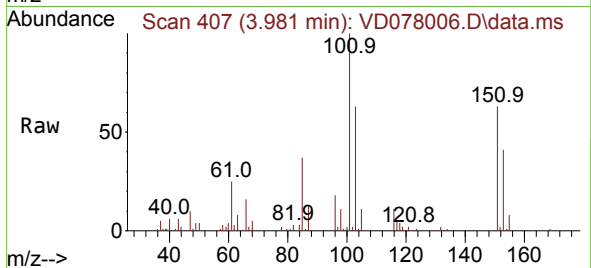




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.717 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD078006.D
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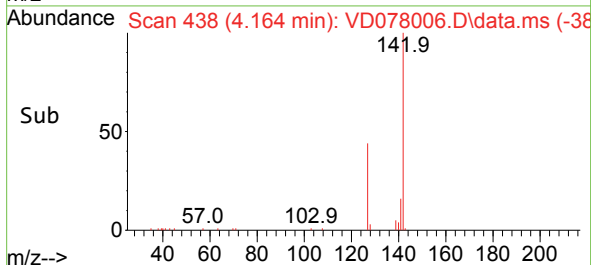
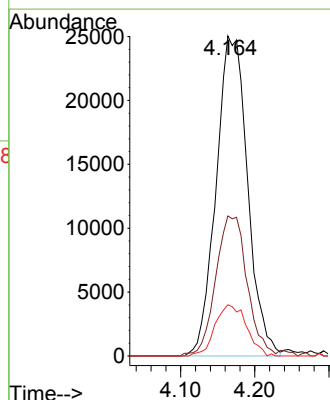
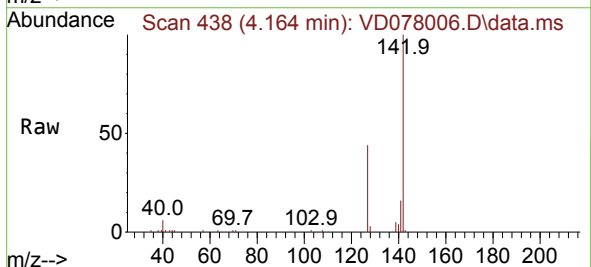
Instrument :
MSVOA_D
ClientSampleId :

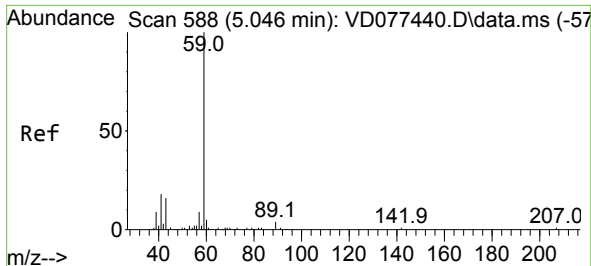
Tgt Ion:101 Resp: 66314
Ion Ratio Lower Upper
101 100
85 44.9 33.8 50.6
151 72.5 59.8 89.6



#10
Methyl Iodide
Concen: 62.497 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion:142 Resp: 73851
Ion Ratio Lower Upper
142 100
127 43.6 29.4 44.0
141 16.0 11.1 16.7

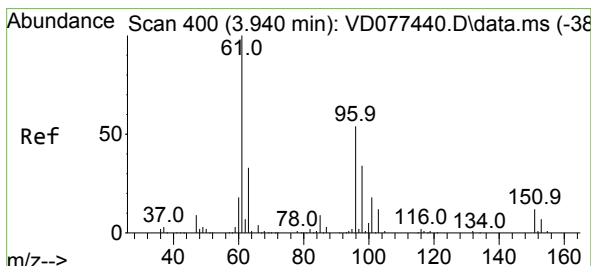
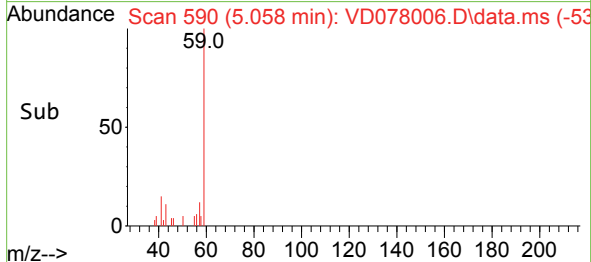
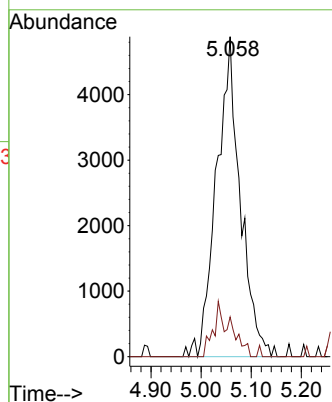
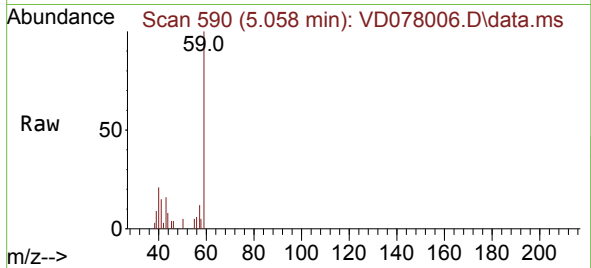




#11
Tert butyl alcohol
Concen: 265.897 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

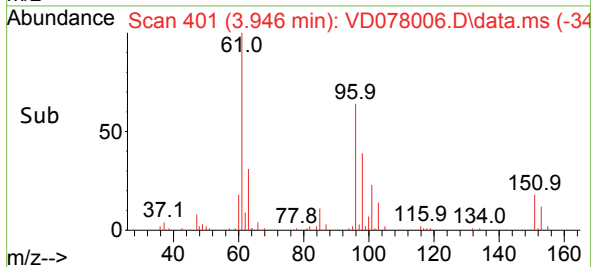
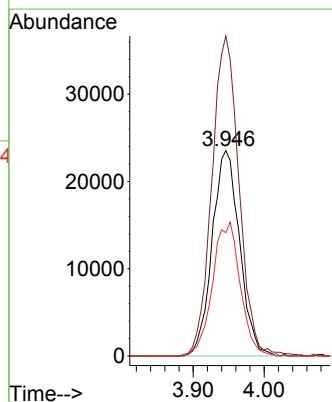
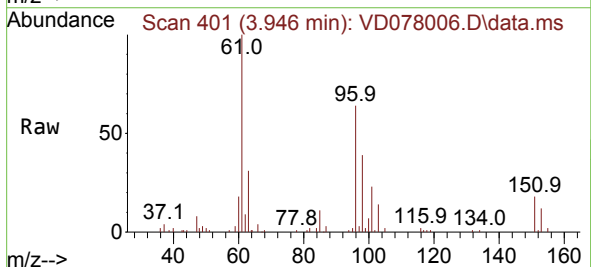
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 16155
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.839 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

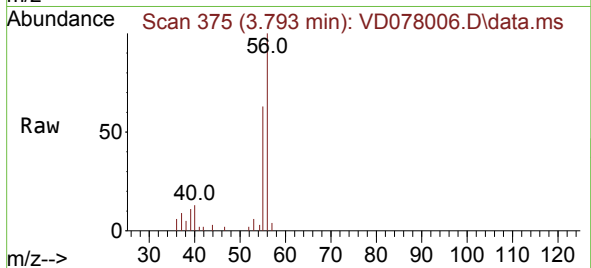
Tgt Ion: 96 Resp: 63027
Ion Ratio Lower Upper
96 100
61 155.9 100.6 150.8#
98 60.1 50.2 75.2



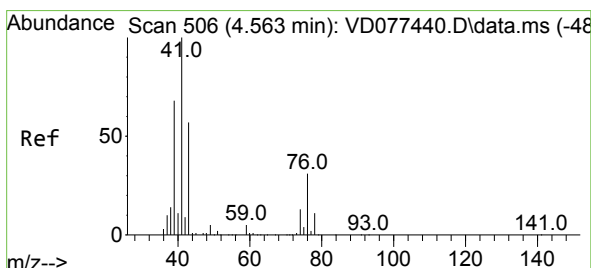
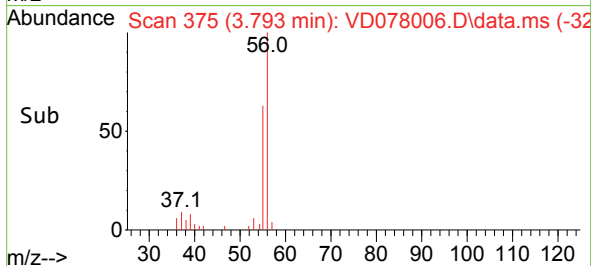
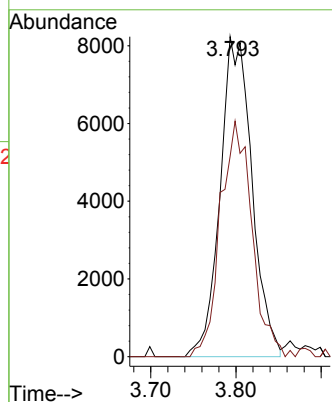


#13
Acrolein
Concen: 159.399 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :

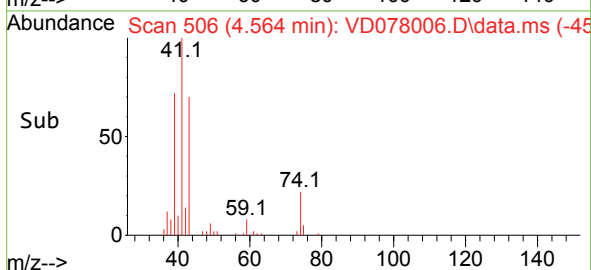
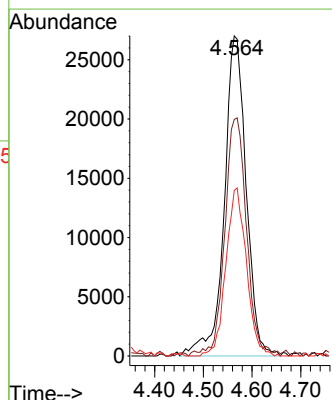
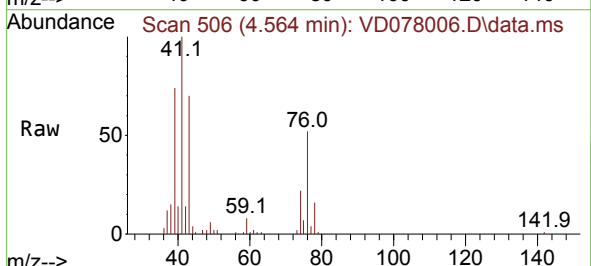


Tgt Ion: 56 Resp: 21331
Ion Ratio Lower Upper
56 100
55 73.1 55.1 82.7



#14
Allyl chloride
Concen: 47.584 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

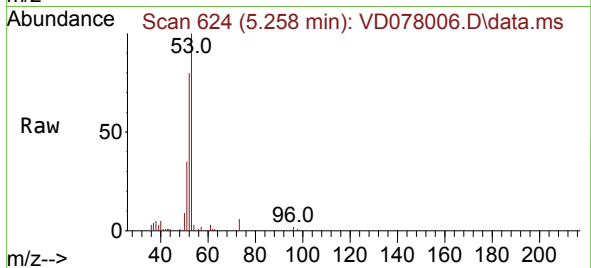
Tgt Ion: 41 Resp: 84456
Ion Ratio Lower Upper
41 100
39 73.9 53.8 80.6
76 49.3 45.8 68.8



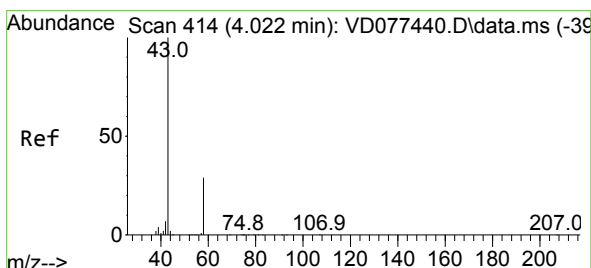
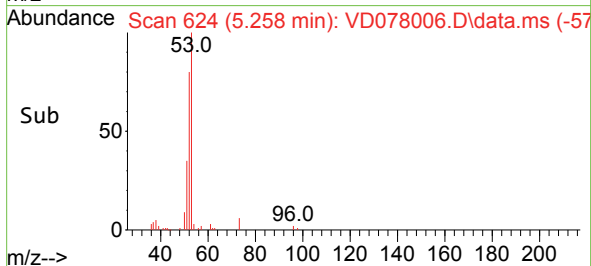
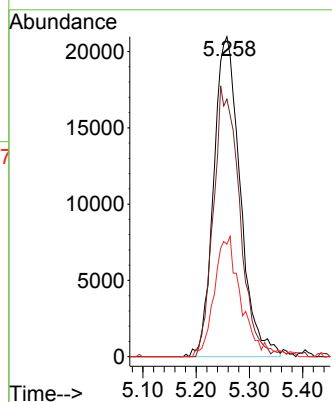


#15
Acrylonitrile
Concen: 263.570 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :

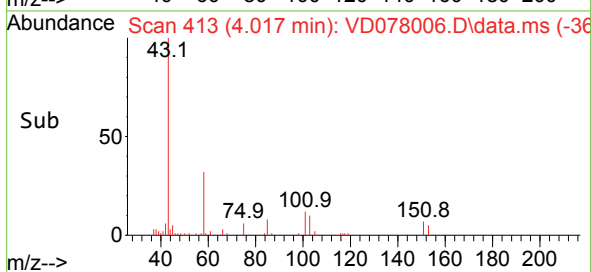
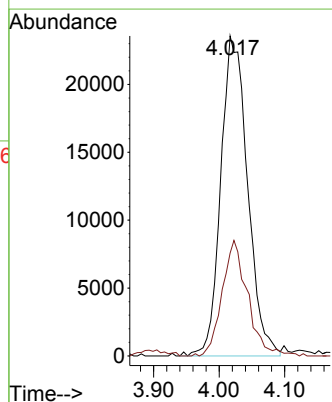
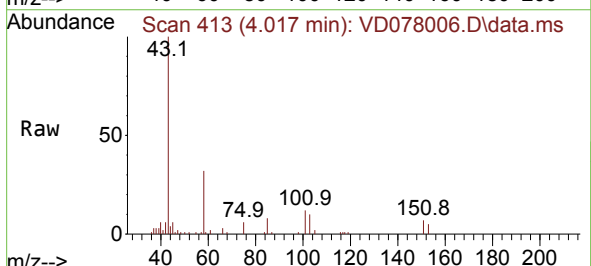


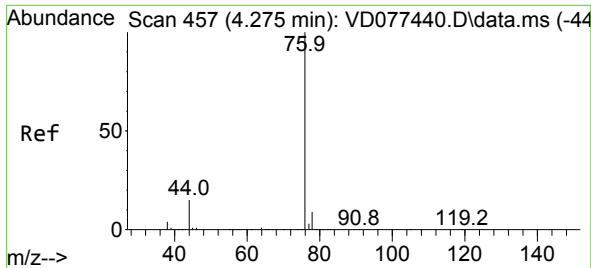
Tgt Ion: 53 Resp: 72425
Ion Ratio Lower Upper
53 100
52 82.9 65.0 97.4
51 38.3 28.3 42.5



#16
Acetone
Concen: 243.845 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 43 Resp: 66881
Ion Ratio Lower Upper
43 100
58 32.1 34.7 52.1#

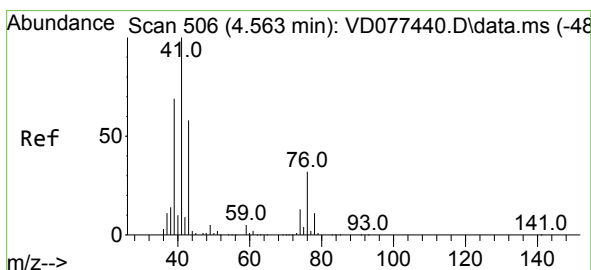
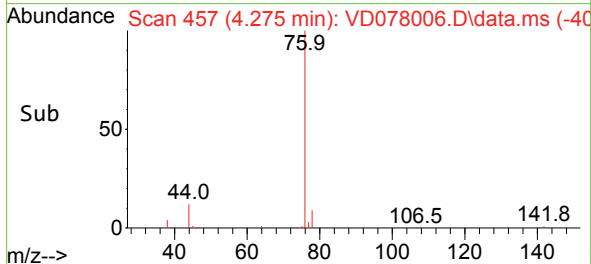
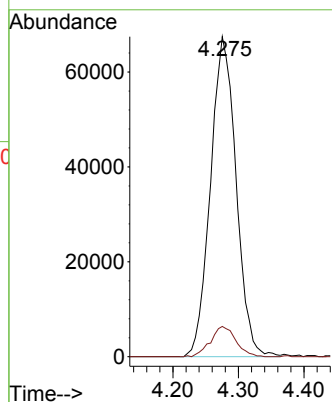
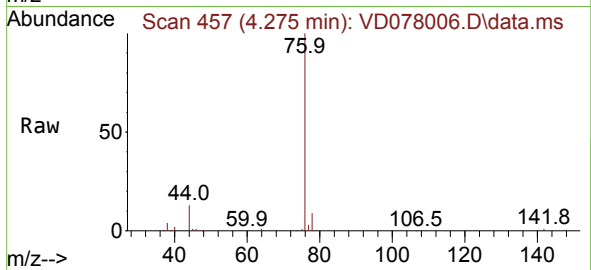




#17
Carbon Disulfide
Concen: 41.918 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

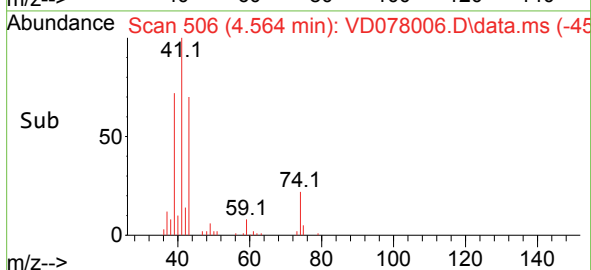
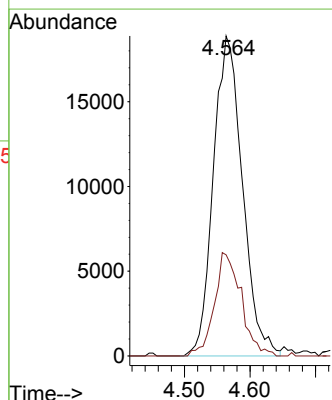
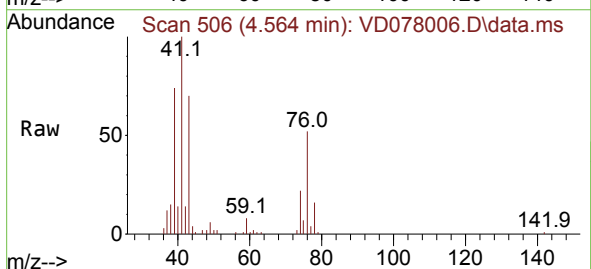
Instrument :
MSVOA_D
ClientSampleId :

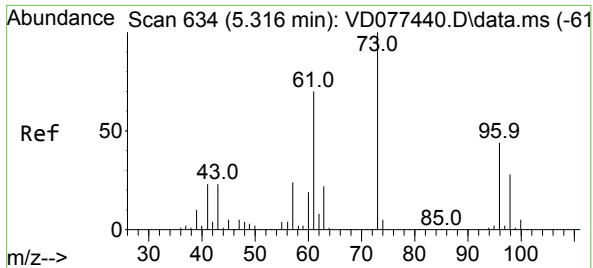
Tgt Ion: 76 Resp: 183010
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 58.374 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 43 Resp: 58159
Ion Ratio Lower Upper
43 100
74 29.7 26.4 39.6

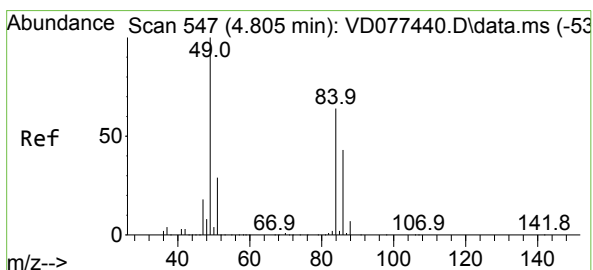
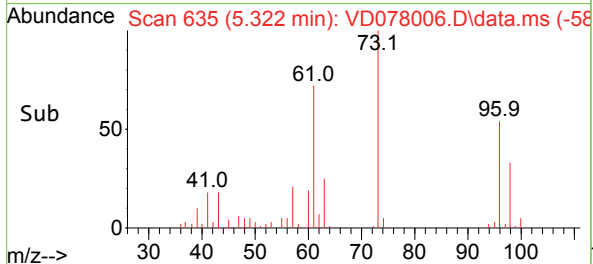
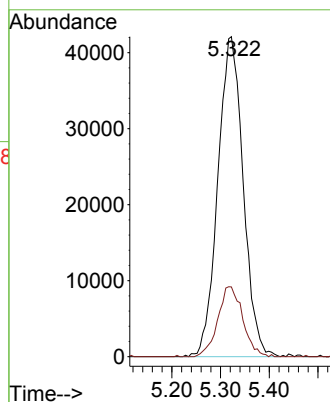
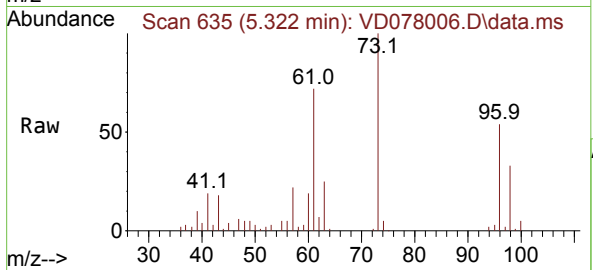




#19
Methyl tert-butyl Ether
Concen: 55.575 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

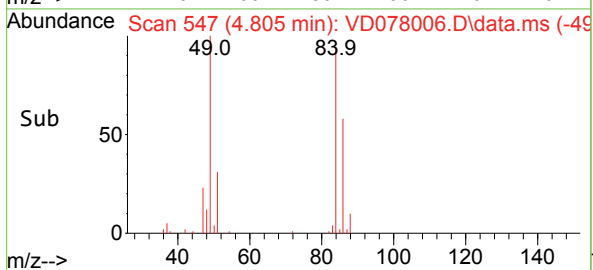
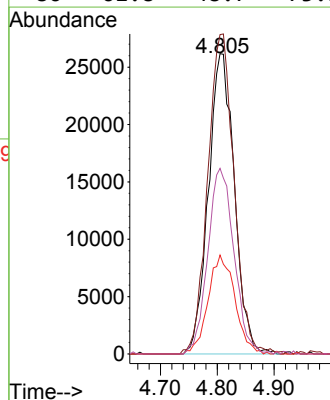
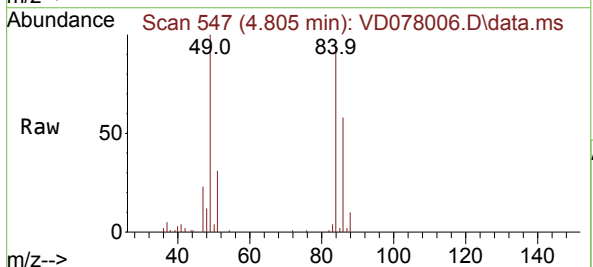
Instrument :
MSVOA_D
ClientSampleId :

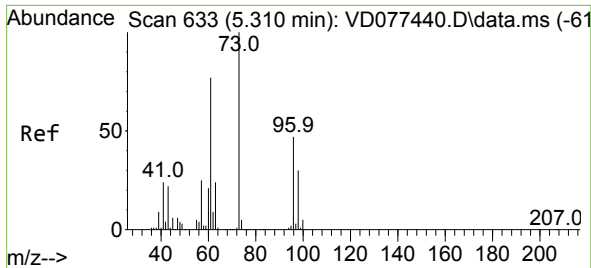
Tgt Ion: 73 Resp: 152164
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0



#20
Methylene Chloride
Concen: 56.177 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

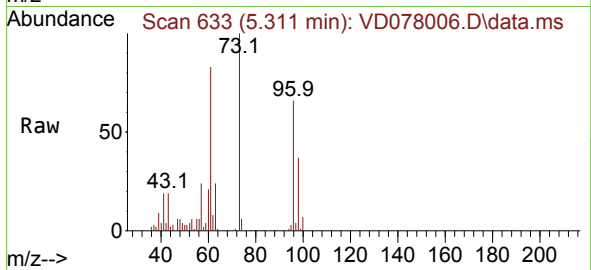
Tgt Ion: 84 Resp: 83267
Ion Ratio Lower Upper
84 100
49 106.4 71.4 107.2
51 32.9 24.5 36.7
86 61.8 48.7 73.1



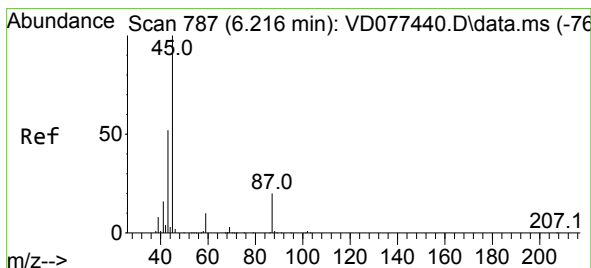
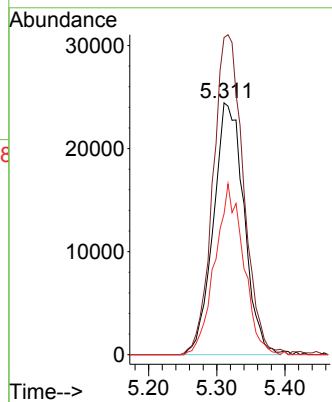
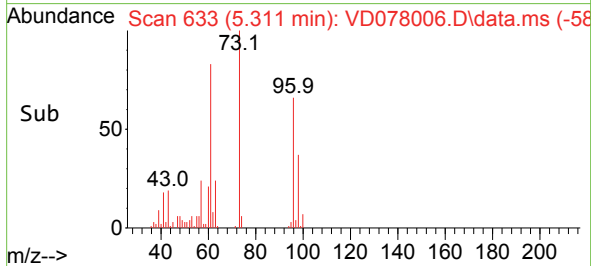


#21
trans-1,2-Dichloroethene
Concen: 52.114 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

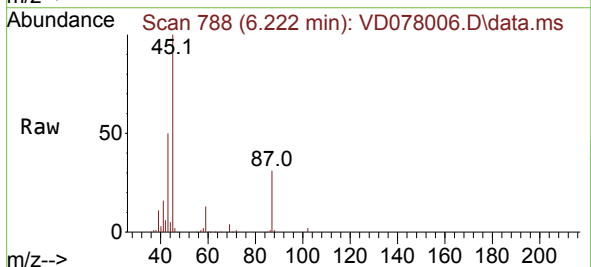
Instrument :
MSVOA_D
ClientSampleId :



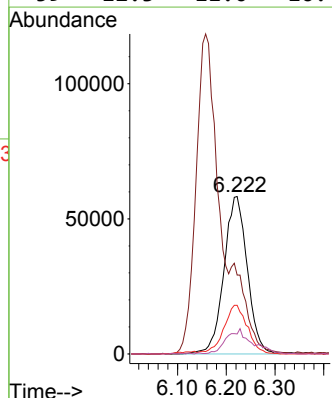
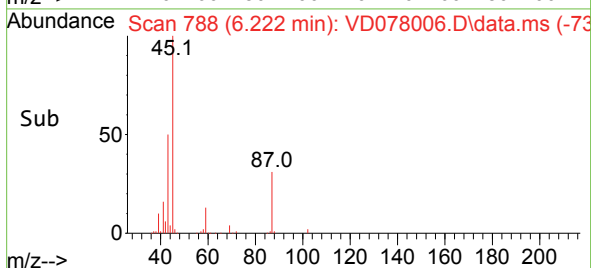
Tgt Ion: 96 Resp: 76175
Ion Ratio Lower Upper
96 100
61 125.9 89.3 133.9
98 55.9 48.6 73.0

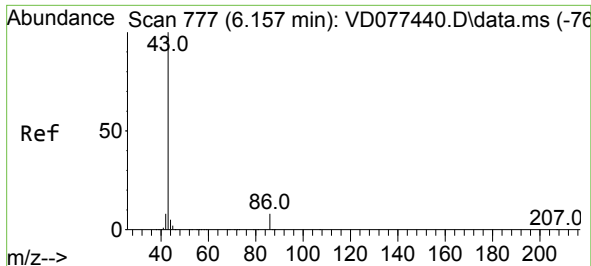


#22
Diisopropyl ether
Concen: 52.384 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion: 45 Resp: 194291
Ion Ratio Lower Upper
45 100
43 49.0 40.0 60.0
87 30.9 28.2 42.4
59 12.3 11.0 16.4

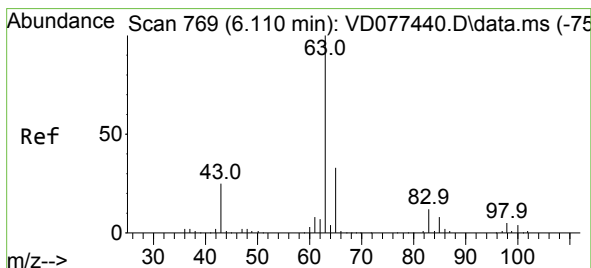
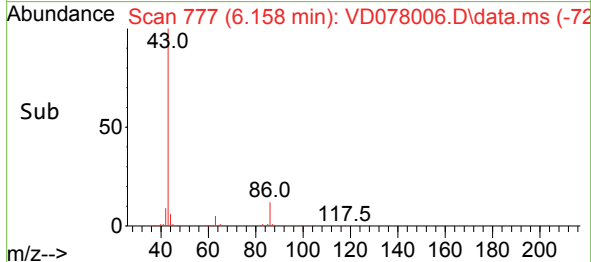
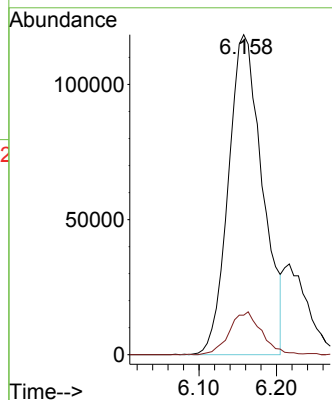
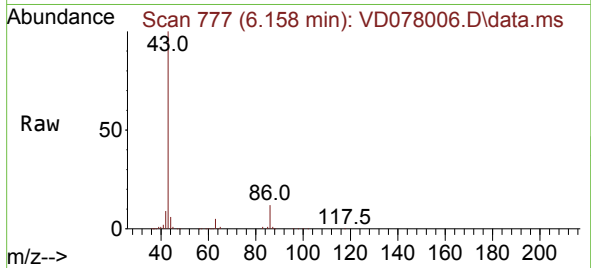




#23
 Vinyl Acetate
 Concen: 200.450 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

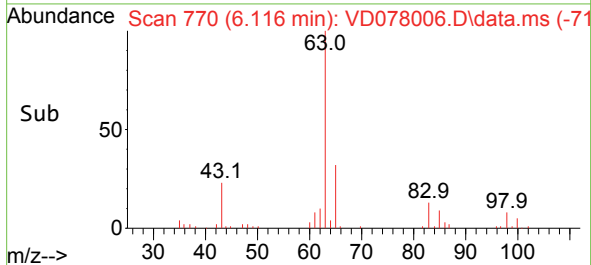
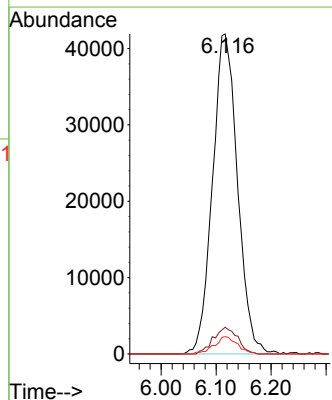
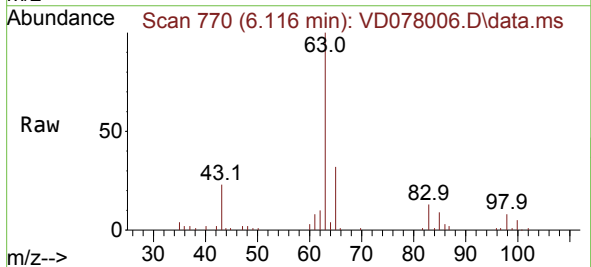
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 363064
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 52.719 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

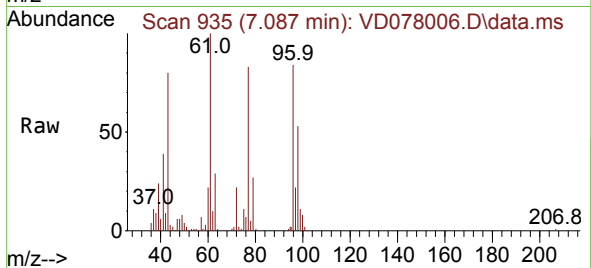
Tgt Ion: 63 Resp: 132416
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 5.4 2.5 7.5



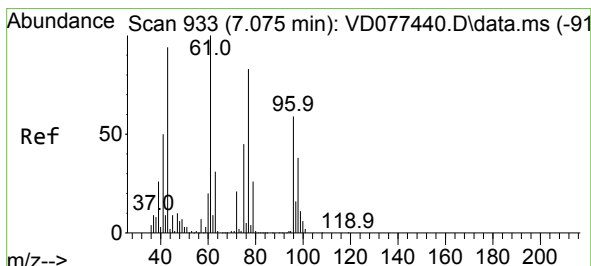
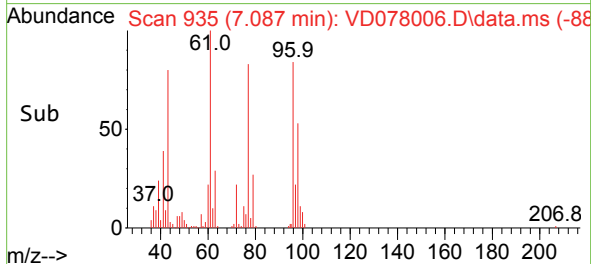
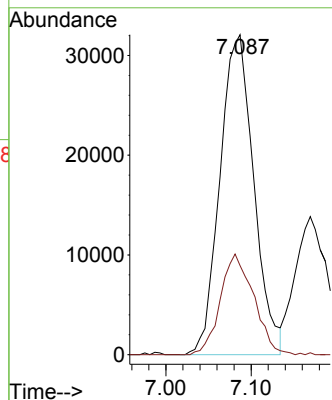


#25
2-Butanone
Concen: 255.051 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :

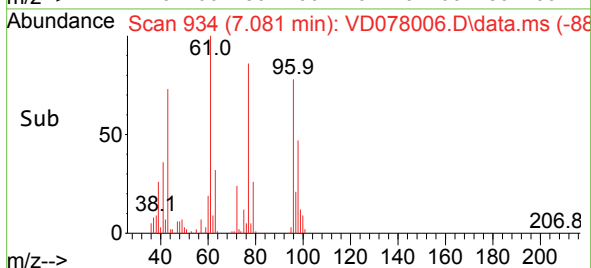
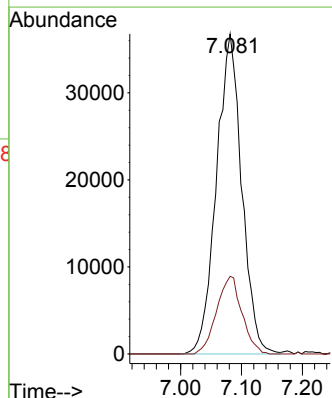
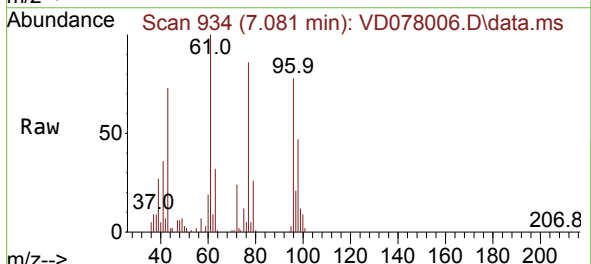


Tgt Ion: 43 Resp: 88588
Ion Ratio Lower Upper
43 100
72 27.8 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 50.334 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

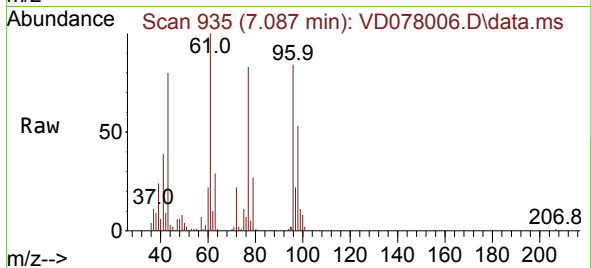
Tgt Ion: 77 Resp: 106148
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6



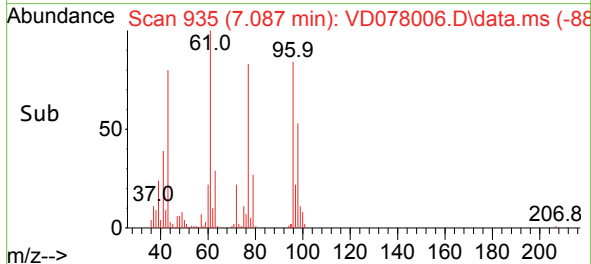
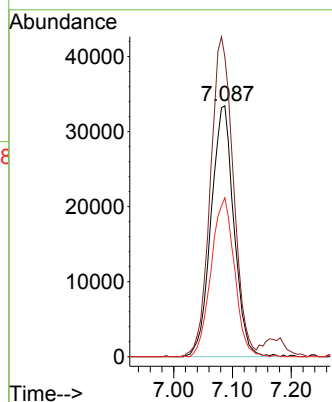


#27
 cis-1,2-Dichloroethene
 Concen: 57.254 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

Instrument :
 MSVOA_D
 ClientSampleId :

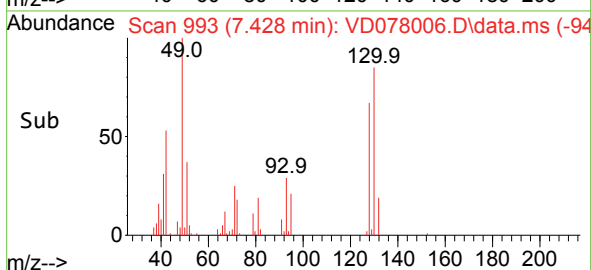
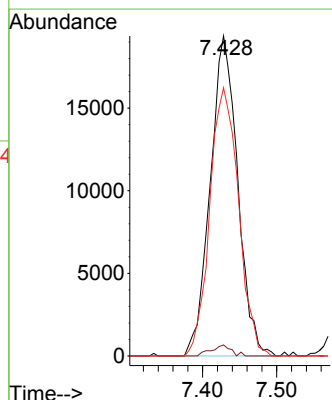
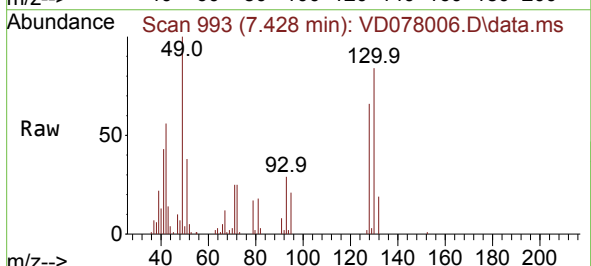


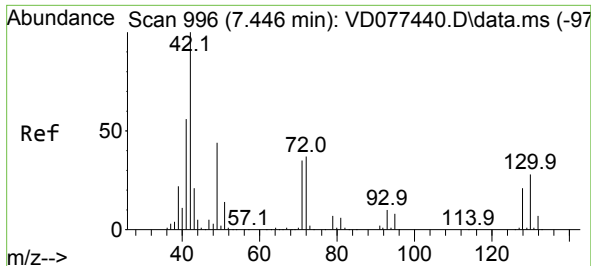
Tgt Ion:	96	Resp:	90050
Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	239.2
98	64.8	0.0	128.6



#28
 Bromochloromethane
 Concen: 49.097 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

Tgt Ion:	49	Resp:	49831
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	6.0
130	87.7	83.2	124.8





#29

Tetrahydrofuran

Concen: 259.503 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

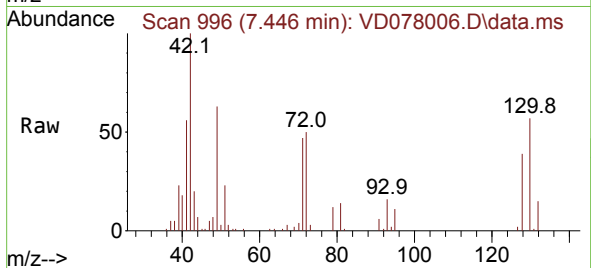
Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :



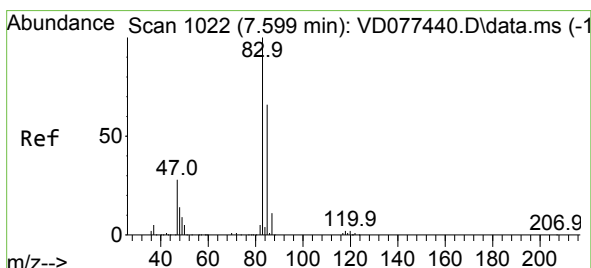
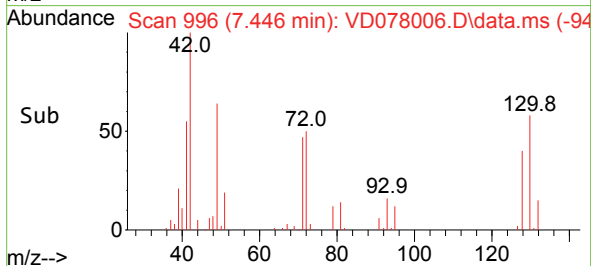
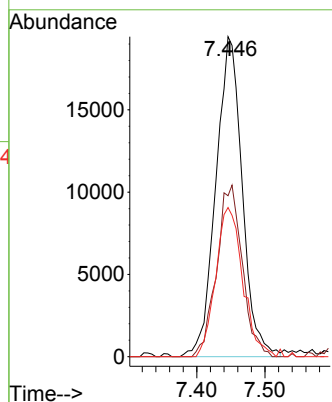
Tgt Ion: 42 Resp: 52277

Ion Ratio Lower Upper

42 100

72 52.3 46.5 69.7

71 47.9 44.5 66.7



#30

Chloroform

Concen: 56.756 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078006.D

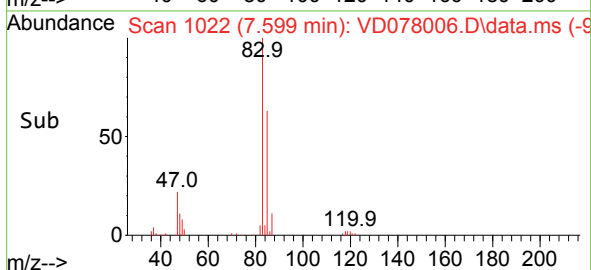
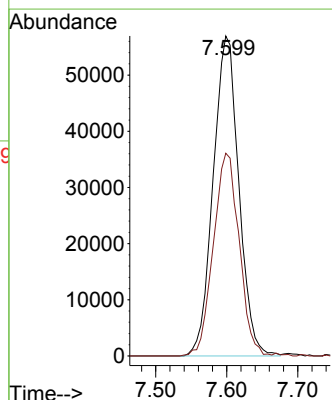
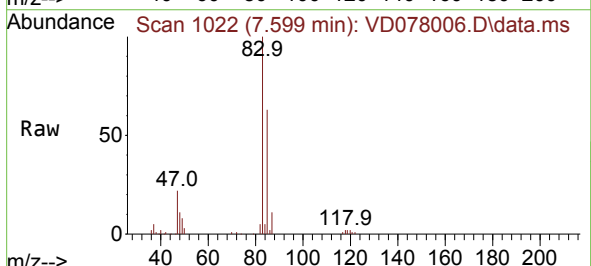
Acq: 20 Dec 2023 20:50

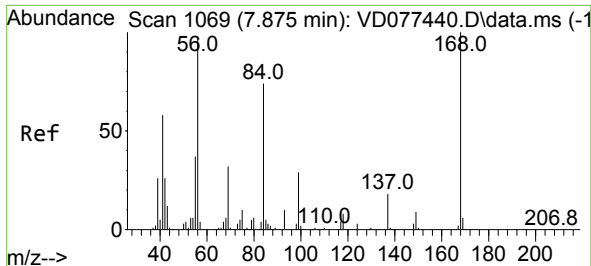
Tgt Ion: 83 Resp: 142674

Ion Ratio Lower Upper

83 100

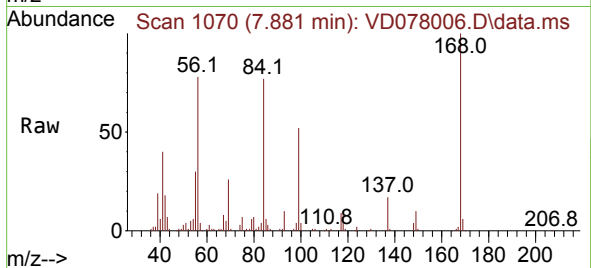
85 63.3 53.4 80.2



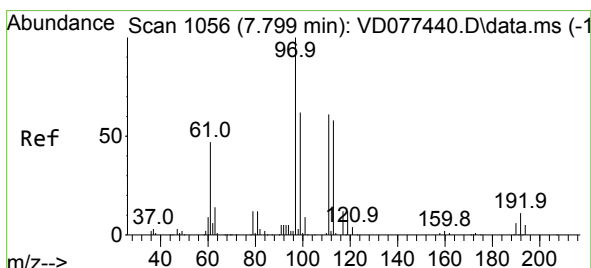
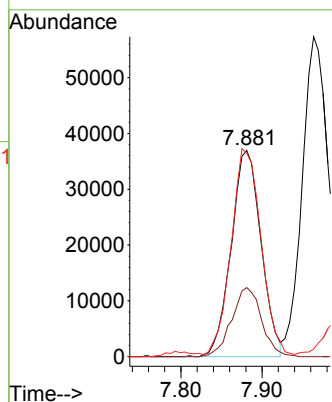
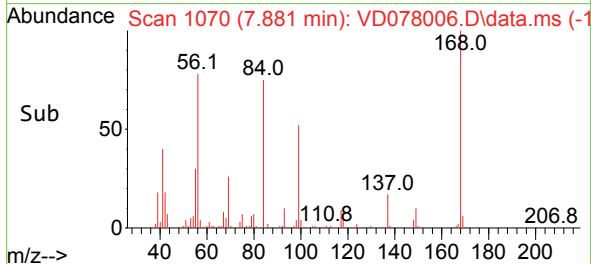


#31
Cyclohexane
Concen: 41.941 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

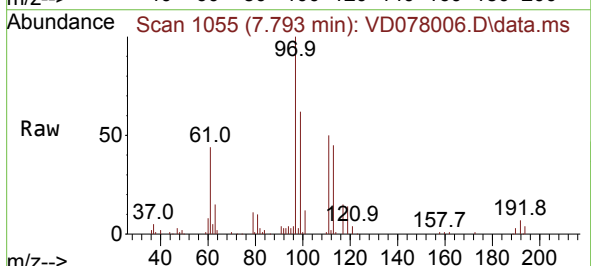
Instrument :
MSVOA_D
ClientSampleId :



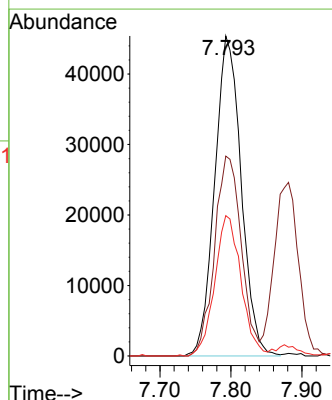
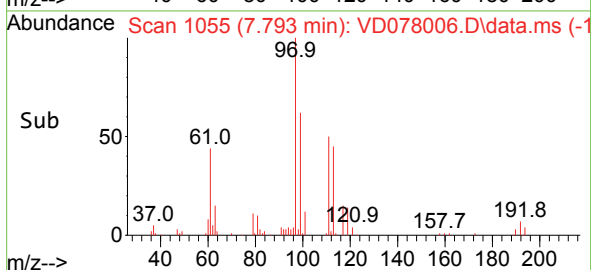
Tgt Ion: 56 Resp: 94373
Ion Ratio Lower Upper
56 100
69 33.5 28.6 43.0
84 96.5 84.8 127.2

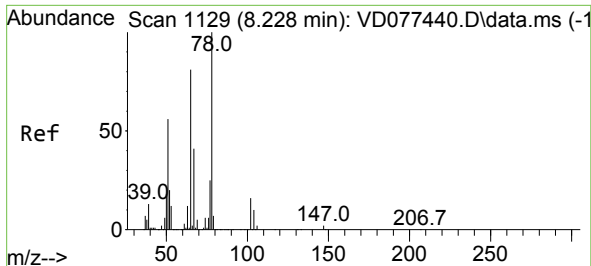


#32
1,1,1-Trichloroethane
Concen: 52.994 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion: 97 Resp: 117439
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 43.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.138 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

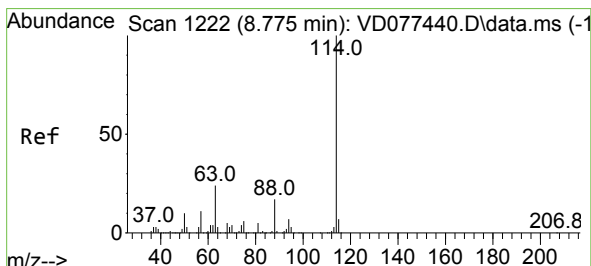
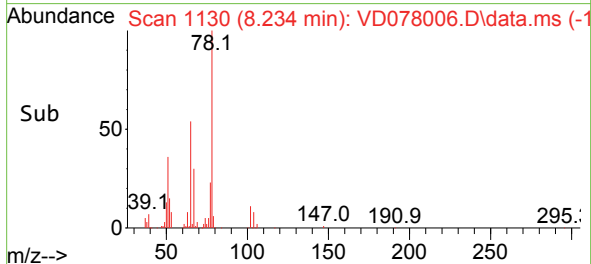
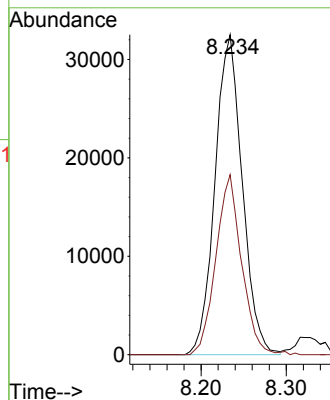
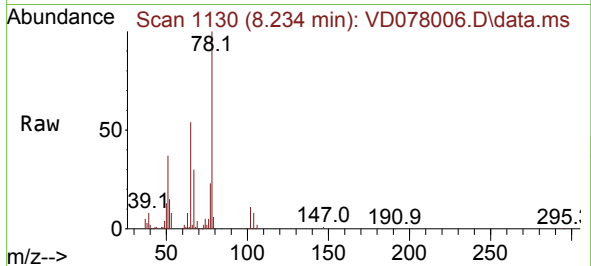
ClientSampleId :

Tgt Ion: 65 Resp: 72283

Ion Ratio Lower Upper

65 100

67 53.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

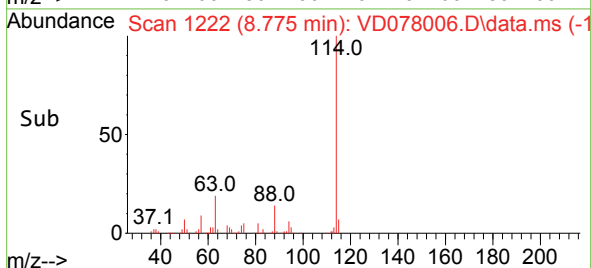
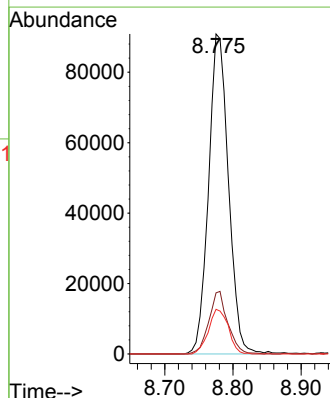
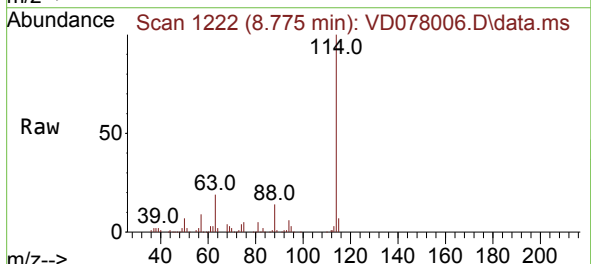
Tgt Ion: 114 Resp: 184839

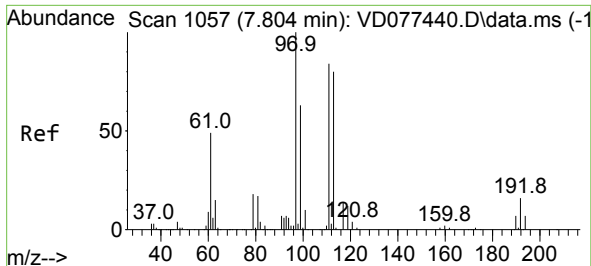
Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

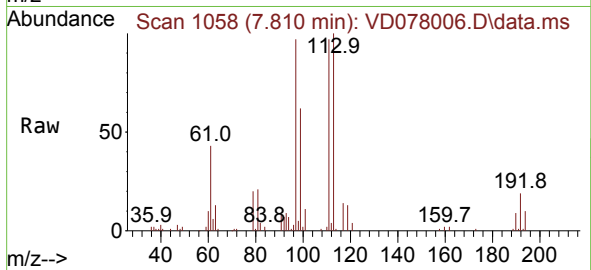
88 13.9 0.0 26.2



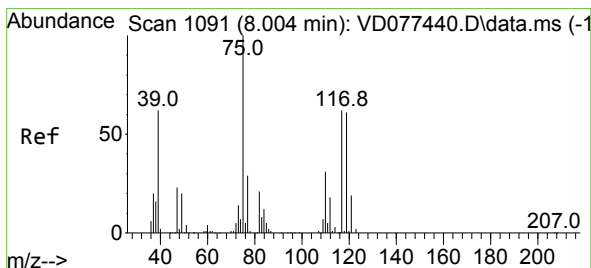
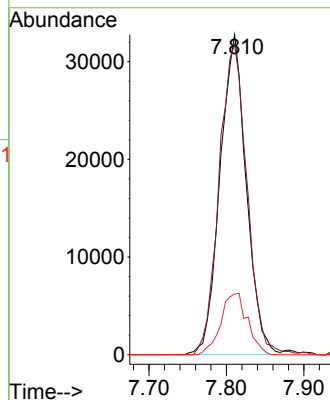
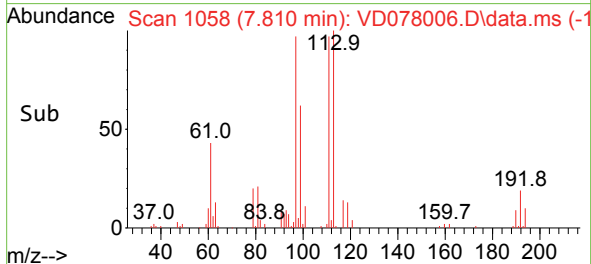


#35
Dibromofluoromethane
Concen: 59.566 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :

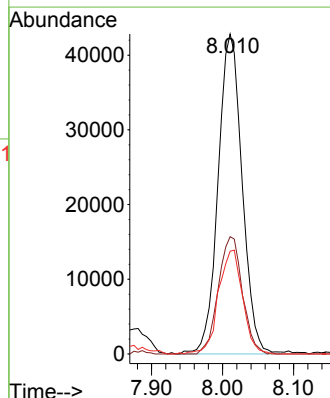
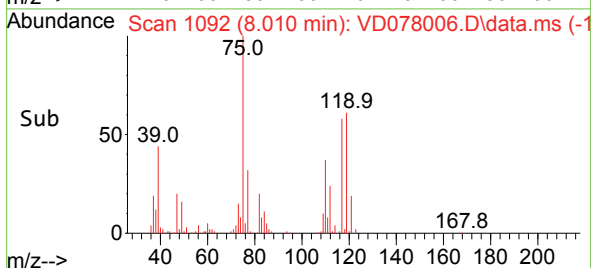
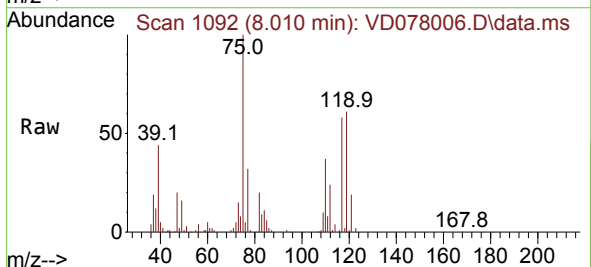


Tgt Ion:113 Resp: 77122
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 19.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 48.558 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 75 Resp: 100564
Ion Ratio Lower Upper
75 100
110 36.7 19.9 59.6
77 32.6 24.7 37.1





#37

Ethyl Acetate

Concen: 43.142 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

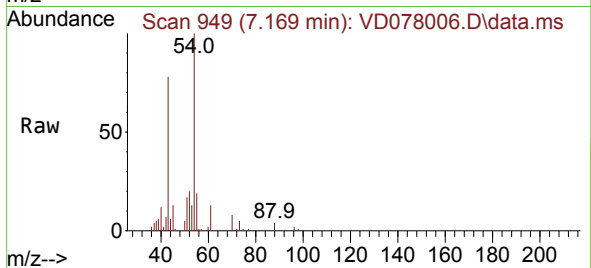
Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :



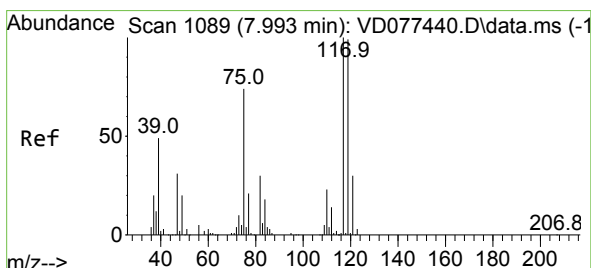
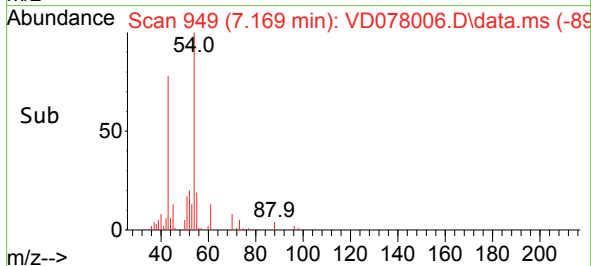
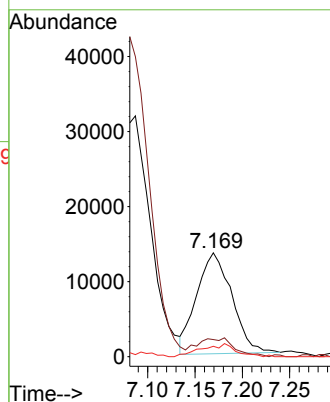
Tgt Ion: 43 Resp: 34838

Ion Ratio Lower Upper

43 100

61 19.3 14.9 22.3

70 12.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 49.252 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

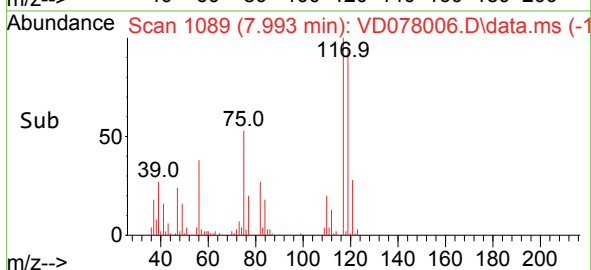
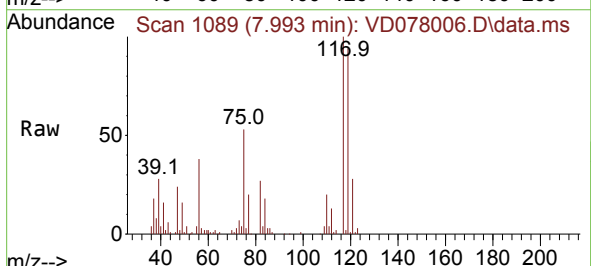
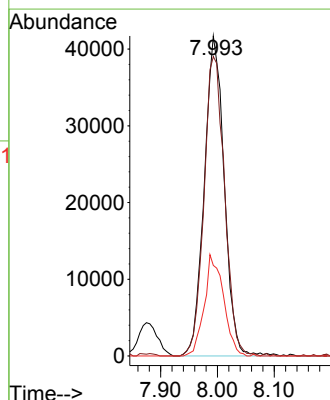
Tgt Ion: 117 Resp: 101687

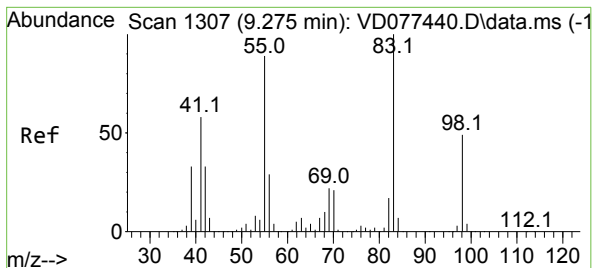
Ion Ratio Lower Upper

117 100

119 93.6 78.0 117.0

121 28.3 24.2 36.2





#39

Methylcyclohexane

Concen: 46.249 ug/l

RT: 9.275 min Scan# 113548

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

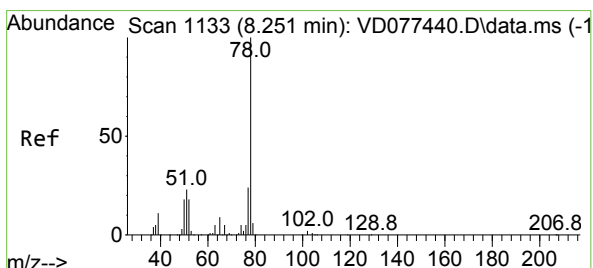
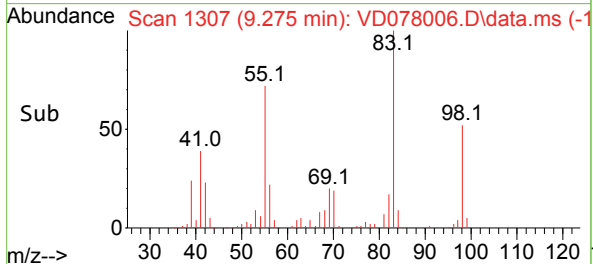
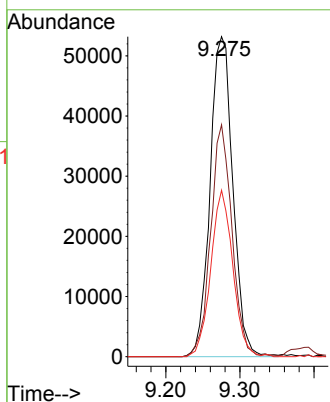
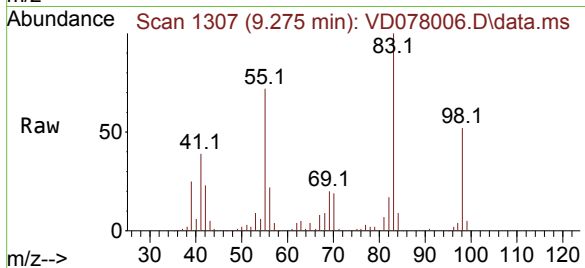
Tgt Ion: 83 Resp: 113548

Ion Ratio Lower Upper

83 100

55 72.4 49.4 74.0

98 52.0 38.4 57.6



#40

Benzene

Concen: 52.385 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD078006.D

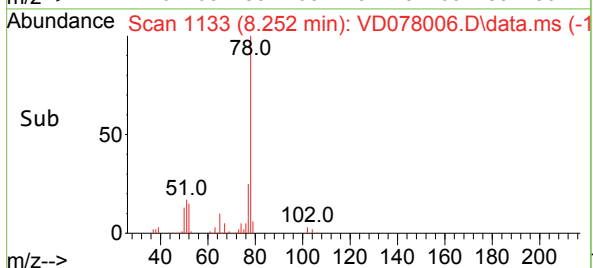
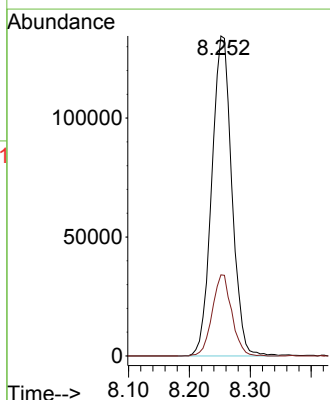
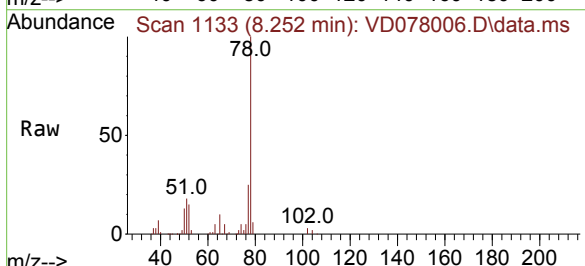
Acq: 20 Dec 2023 20:50

Tgt Ion: 78 Resp: 307917

Ion Ratio Lower Upper

78 100

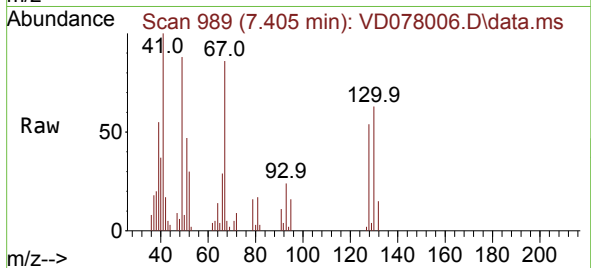
77 25.4 19.4 29.0



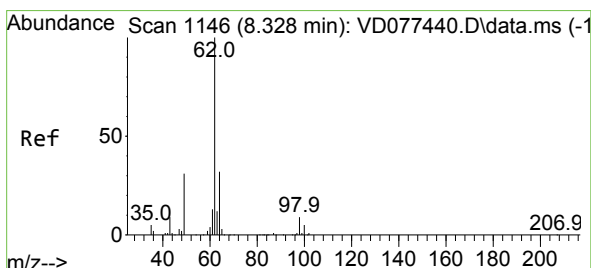
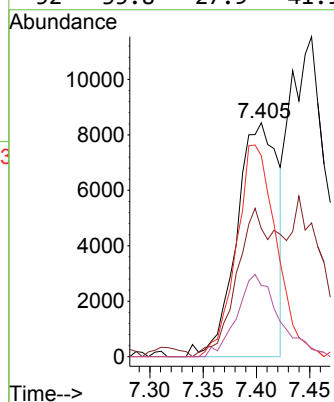
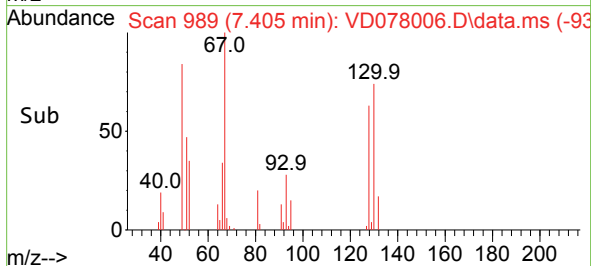


#41
Methacrylonitrile
Concen: 55.107 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :

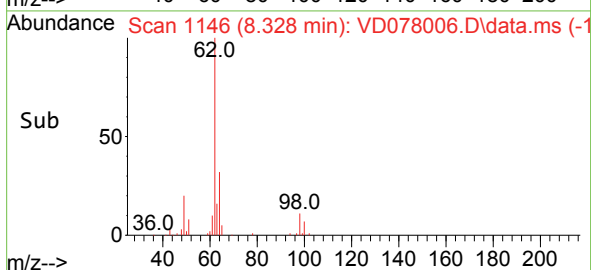
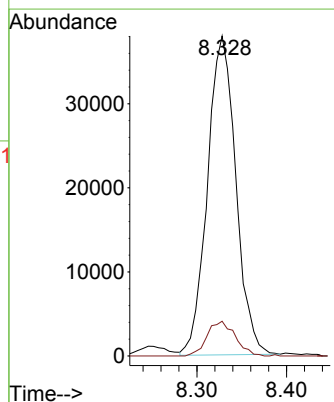
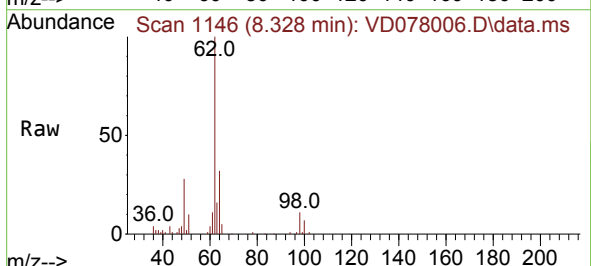


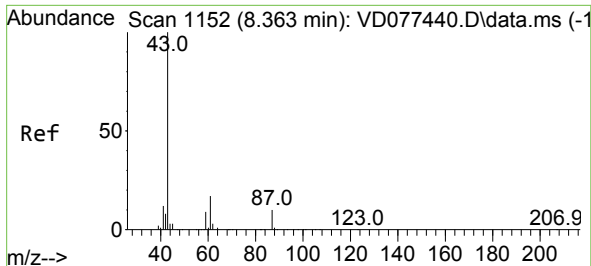
Tgt Ion:	41	Resp:	22618
Ion	Ratio	Lower	Upper
41	100		
39	46.8	34.0	51.0
67	88.2	77.0	115.4
52	35.8	27.9	41.9



#42
1,2-Dichloroethane
Concen: 54.731 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

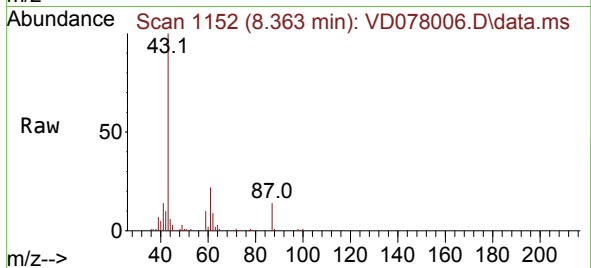
Tgt Ion:	62	Resp:	83391
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	25.4



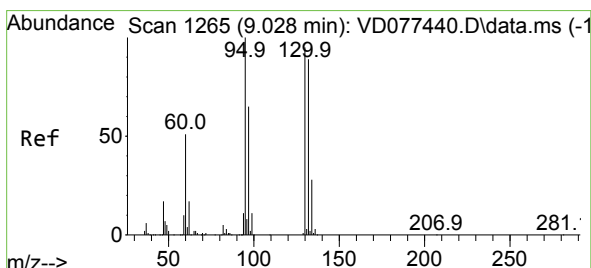
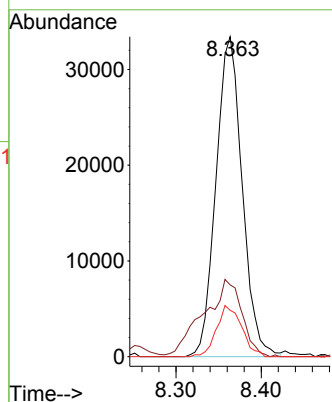
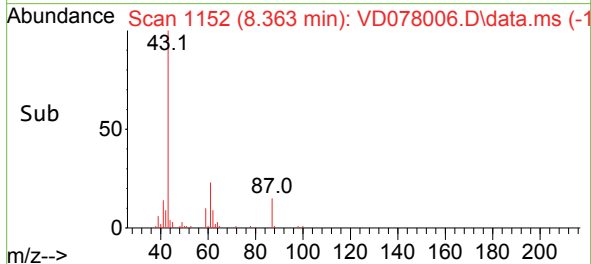


#43
Isopropyl Acetate
Concen: 49.769 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :

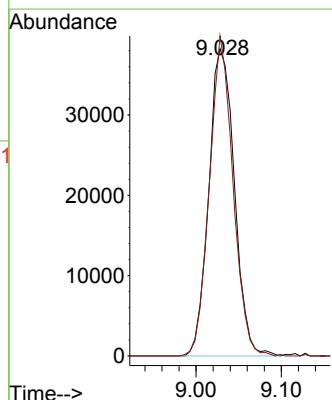
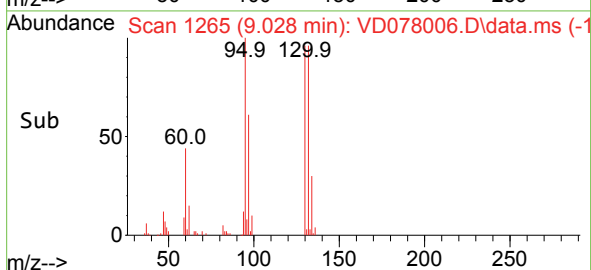
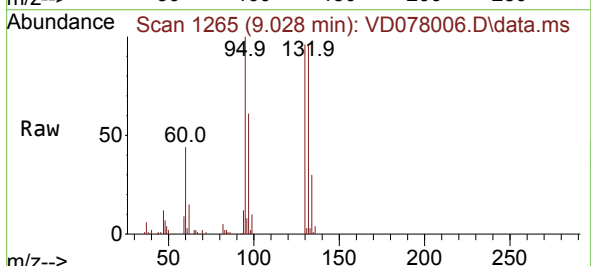


Tgt Ion: 43 Resp: 71443
Ion Ratio Lower Upper
43 100
61 35.3 31.4 47.0
87 15.3 14.9 22.3



#44
Trichloroethene
Concen: 52.040 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion:130 Resp: 79714
Ion Ratio Lower Upper
130 100
95 104.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 54.188 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

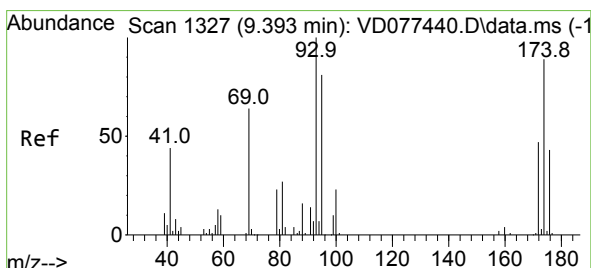
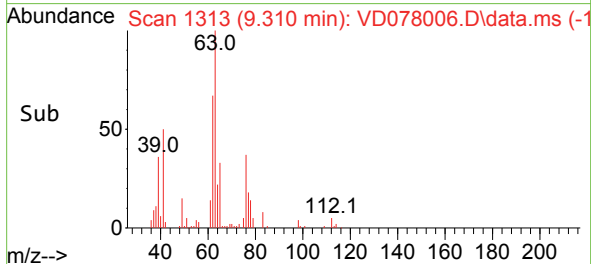
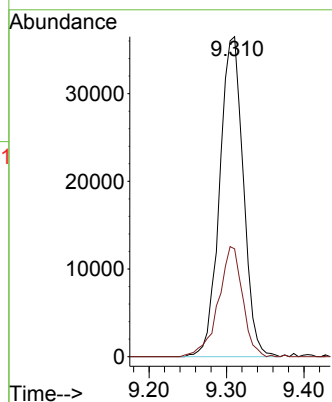
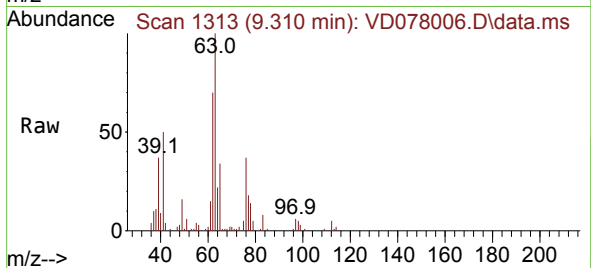
ClientSampleId :

Tgt Ion: 63 Resp: 77429

Ion Ratio Lower Upper

63 100

65 33.7 24.5 36.7



#46

Dibromomethane

Concen: 57.181 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

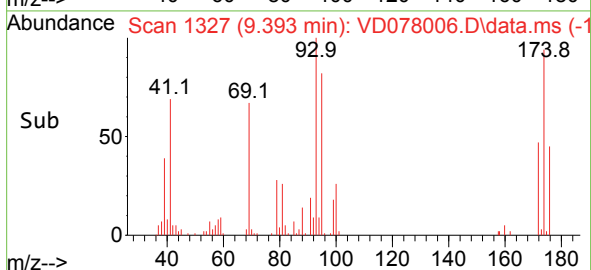
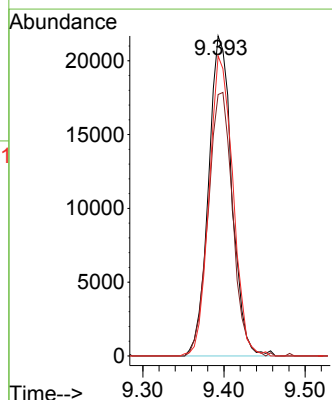
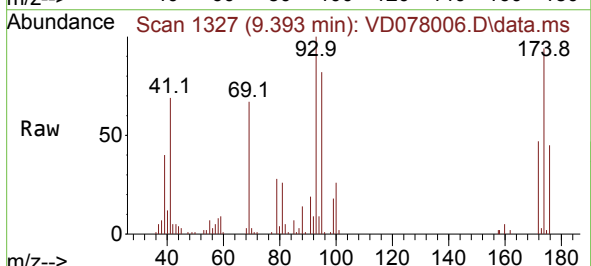
Tgt Ion: 93 Resp: 43232

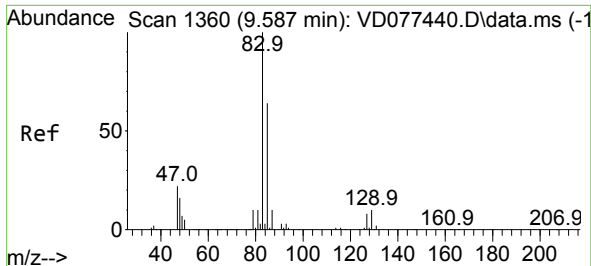
Ion Ratio Lower Upper

93 100

95 86.5 67.7 101.5

174 95.6 85.4 128.2

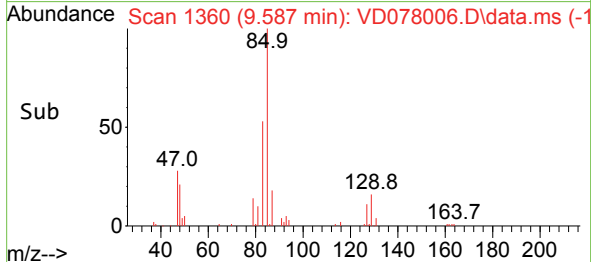
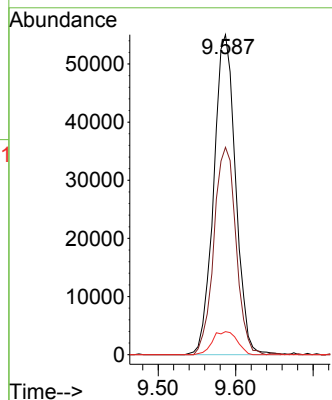
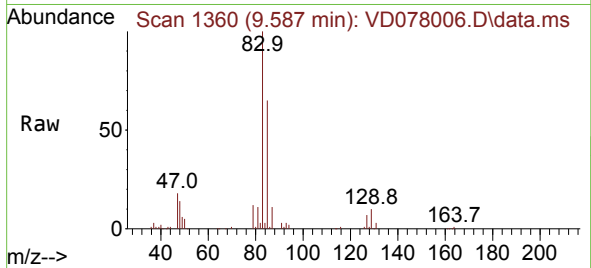




#47
Bromodichloromethane
Concen: 56.259 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

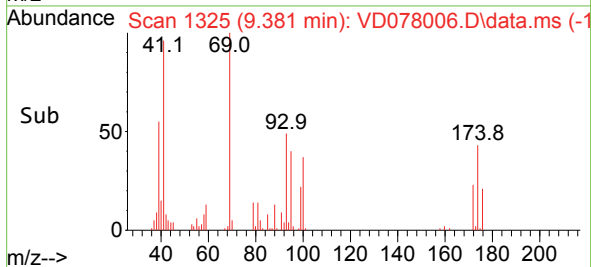
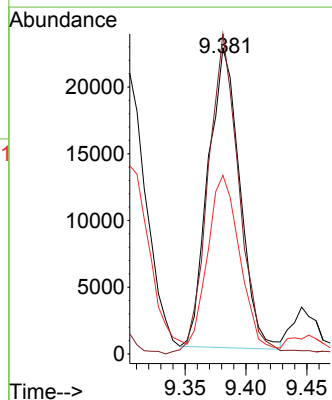
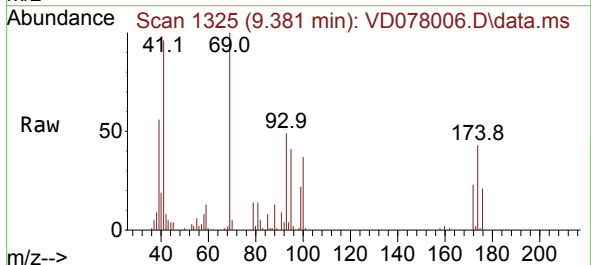
Instrument :
MSVOA_D
ClientSampleId :

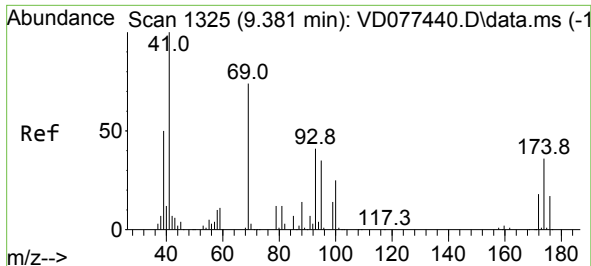
Tgt Ion: 83 Resp: 107811
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 7.2 6.3 9.5



#48
Methyl methacrylate
Concen: 49.911 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 41 Resp: 40727
Ion Ratio Lower Upper
41 100
69 105.0 102.2 153.2
39 62.0 41.4 62.2





#49

1,4-Dioxane

Concen: 1046.704 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

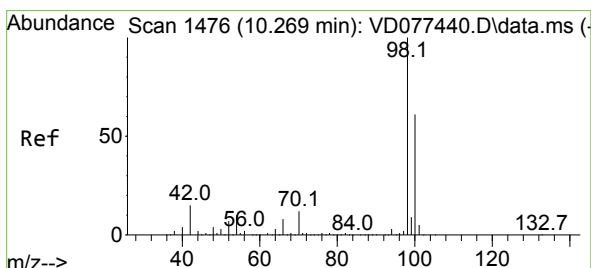
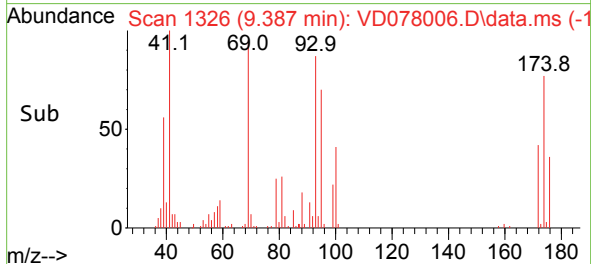
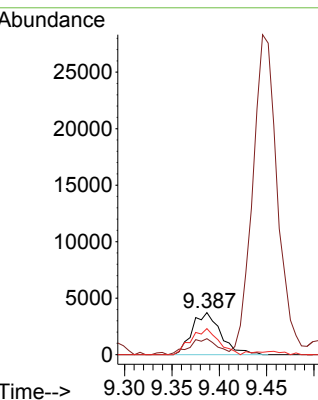
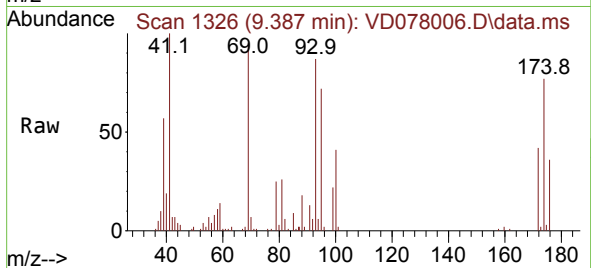
Tgt Ion: 88 Resp: 7858

Ion Ratio Lower Upper

88 100

43 38.6 19.0 28.6#

58 59.0 43.5 65.3



#50

Toluene-d8

Concen: 57.038 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078006.D

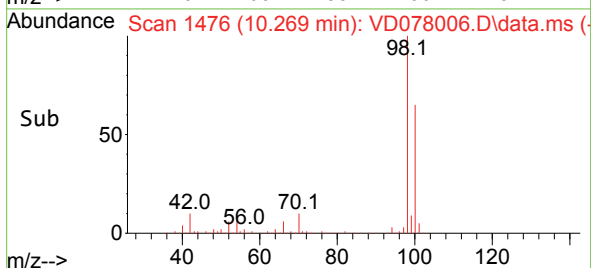
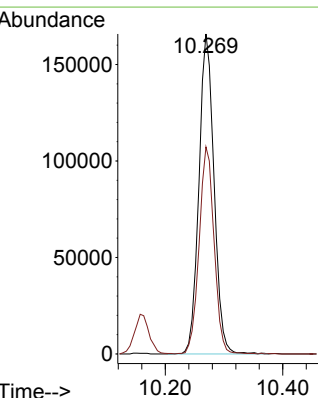
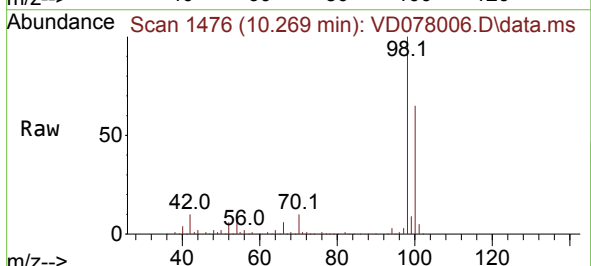
Acq: 20 Dec 2023 20:50

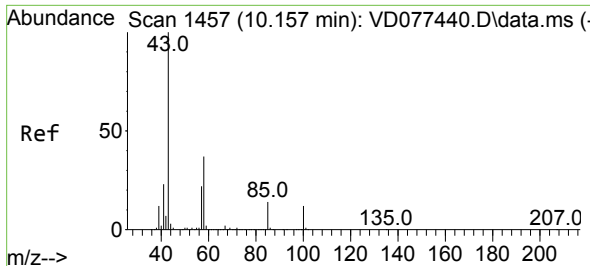
Tgt Ion: 98 Resp: 295774

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

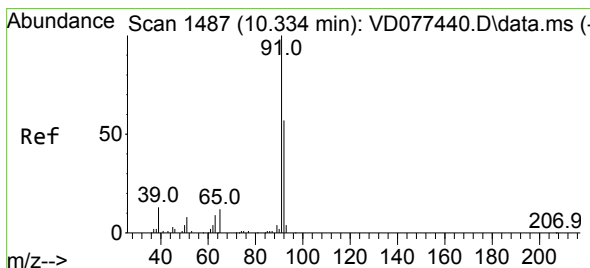
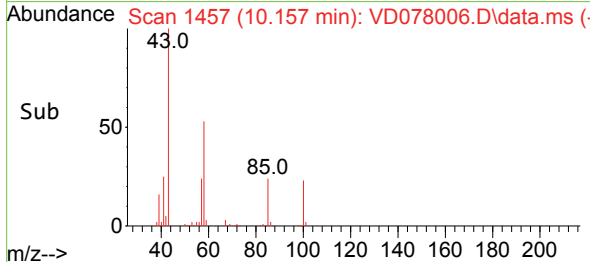
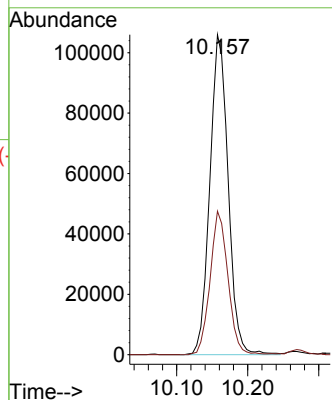
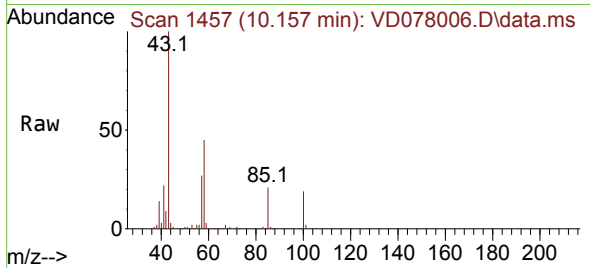




#51
4-Methyl-2-Pentanone
Concen: 258.529 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

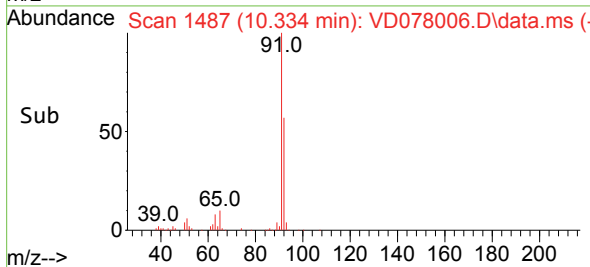
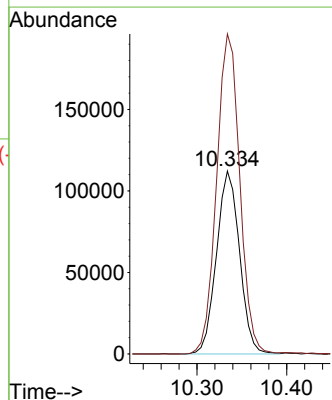
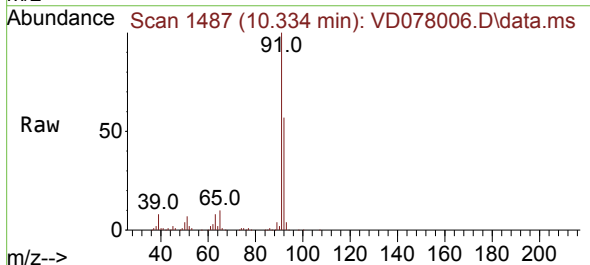
Instrument :
MSVOA_D
ClientSampleId :

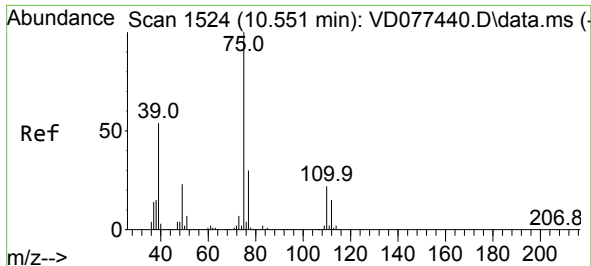
Tgt Ion: 43 Resp: 189402
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3



#52
Toluene
Concen: 54.880 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 92 Resp: 200098
Ion Ratio Lower Upper
92 100
91 176.1 143.0 214.4

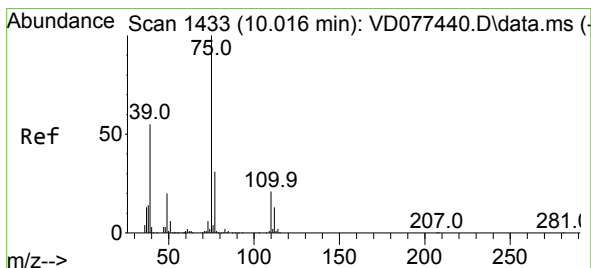
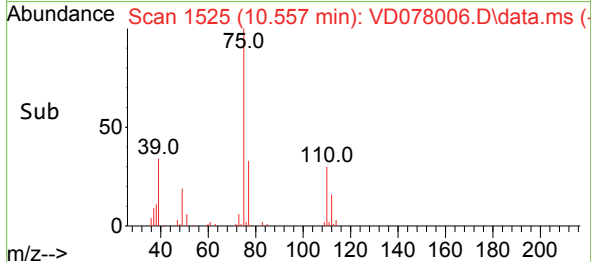
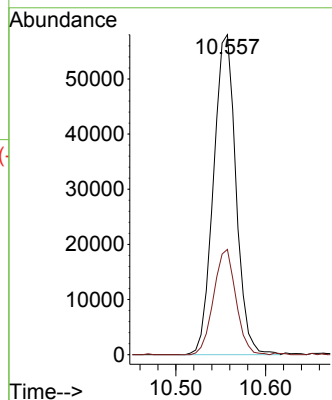
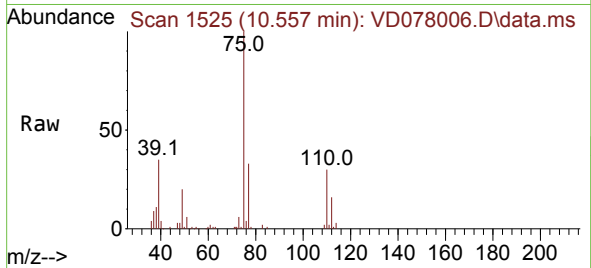




#53
 t-1,3-Dichloropropene
 Concen: 54.832 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

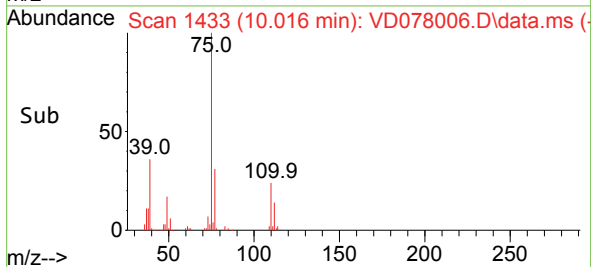
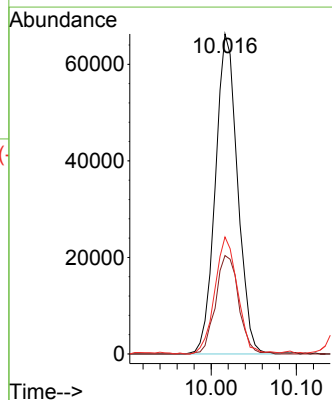
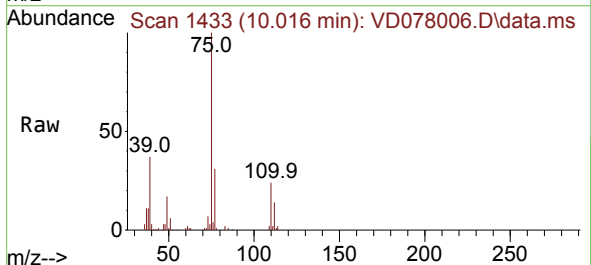
Instrument :
 MSVOA_D
 ClientSampleId :

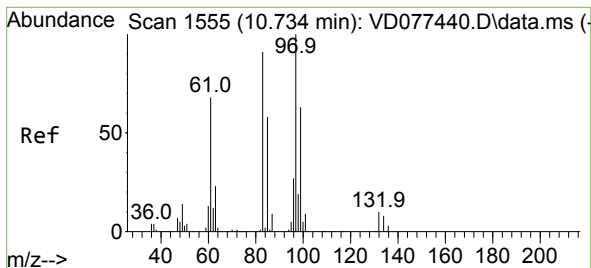
Tgt Ion: 75 Resp: 100905
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.887 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

Tgt Ion: 75 Resp: 119896
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3
 39 36.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 57.253 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 59209

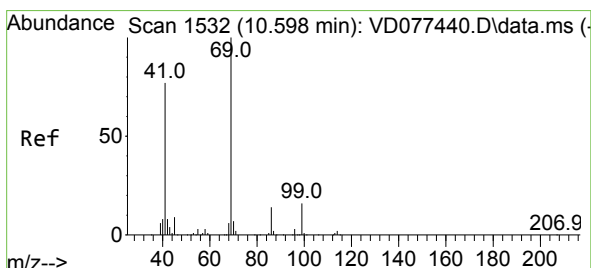
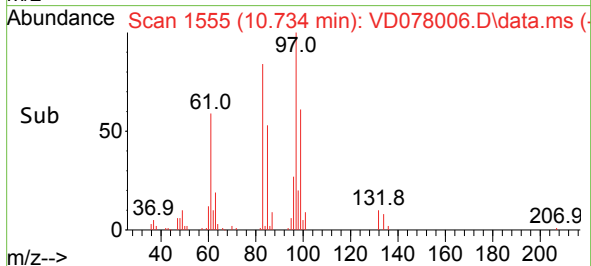
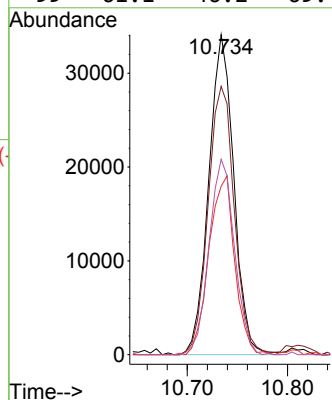
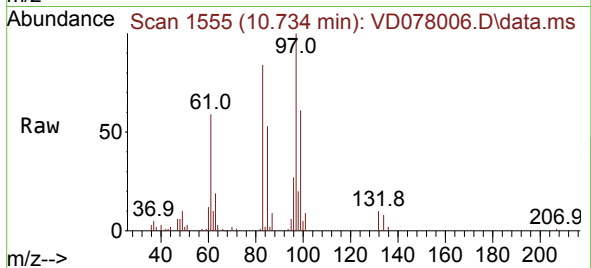
Ion Ratio Lower Upper

97 100

83 83.8 65.8 98.6

85 52.2 45.7 68.5

99 61.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 56.115 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

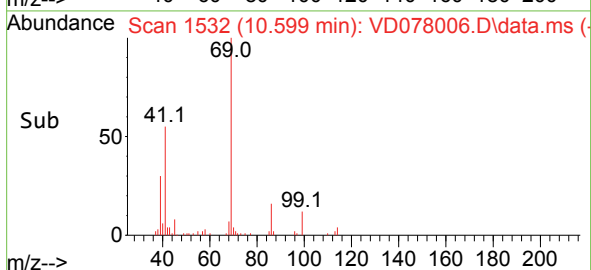
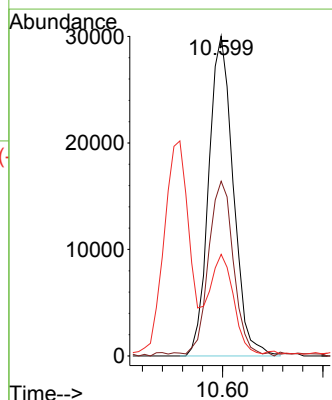
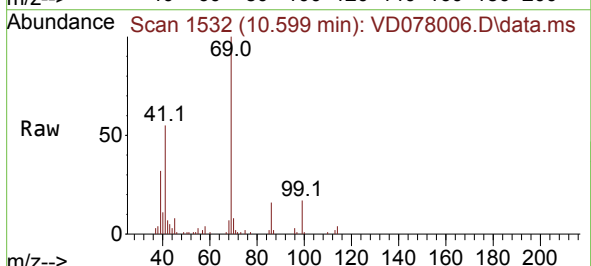
Tgt Ion: 69 Resp: 51157

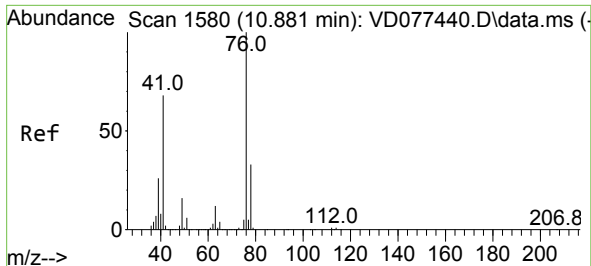
Ion Ratio Lower Upper

69 100

41 56.0 39.1 58.7

39 28.7 20.0 30.0





#57

1,3-Dichloropropane

Concen: 56.381 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

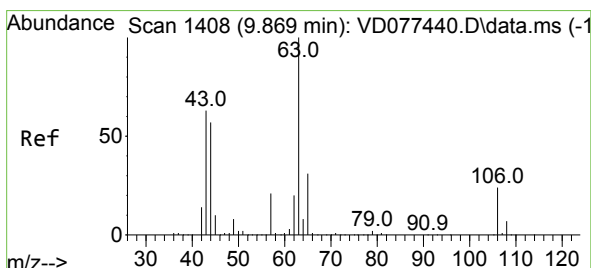
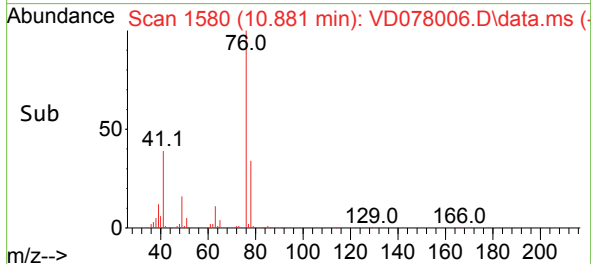
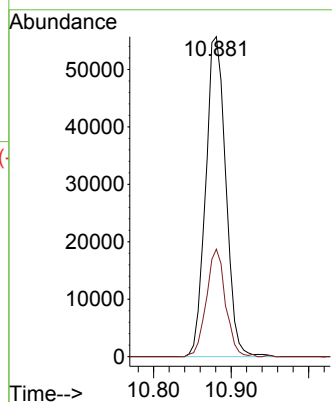
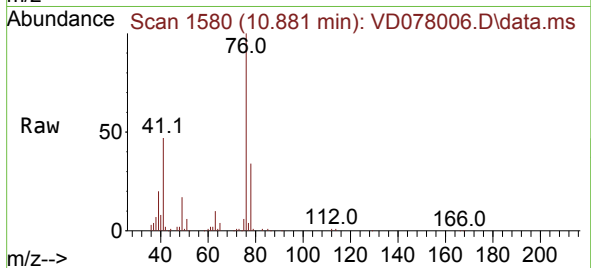
ClientSampleId :

Tgt Ion: 76 Resp: 100506

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 223.153 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078006.D

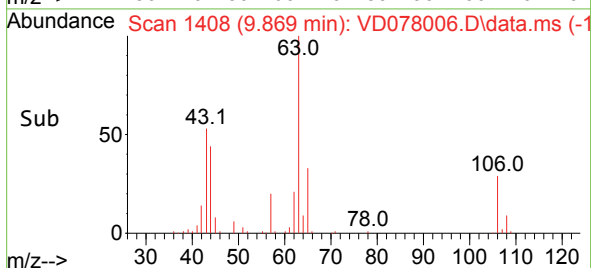
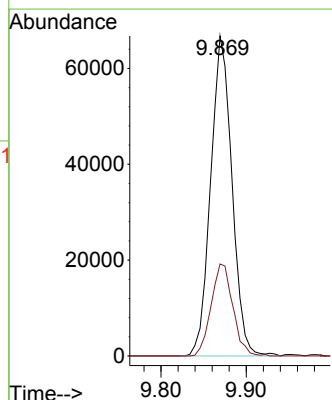
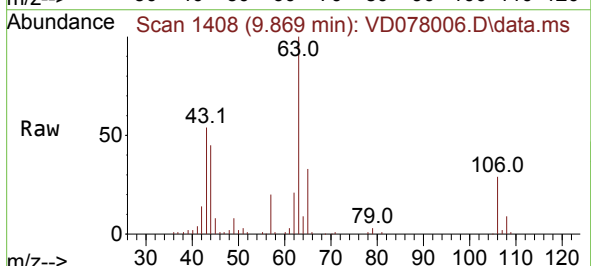
Acq: 20 Dec 2023 20:50

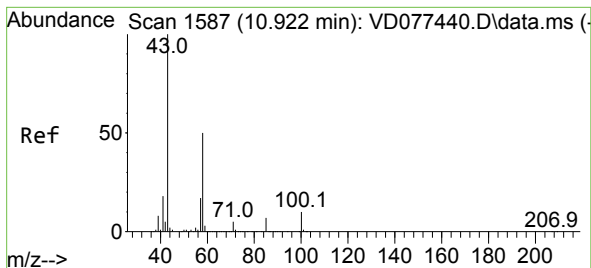
Tgt Ion: 63 Resp: 116015

Ion Ratio Lower Upper

63 100

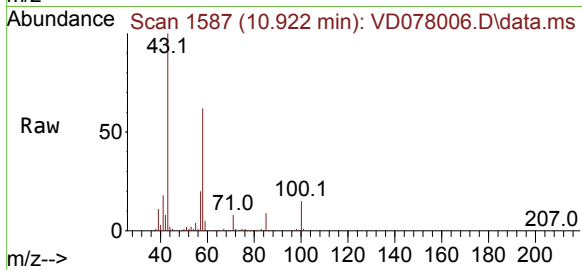
106 29.3 25.3 37.9



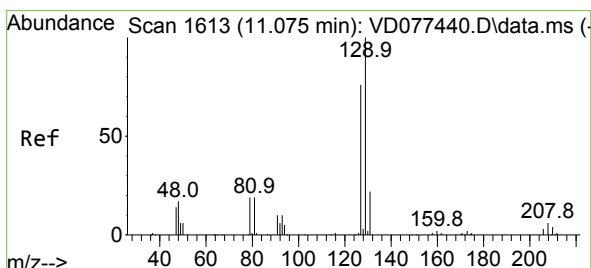
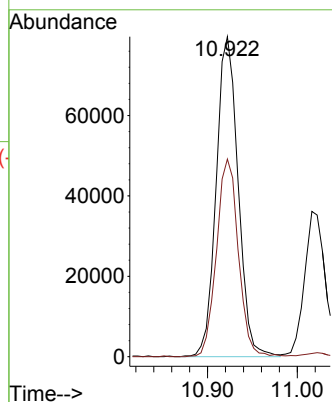
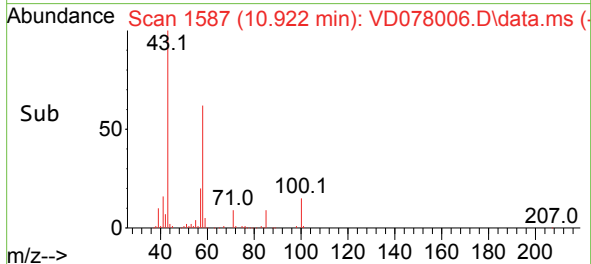


#59
2-Hexanone
Concen: 222.132 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :

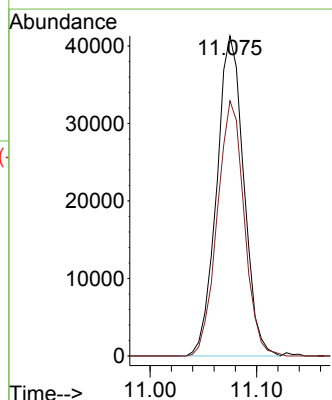
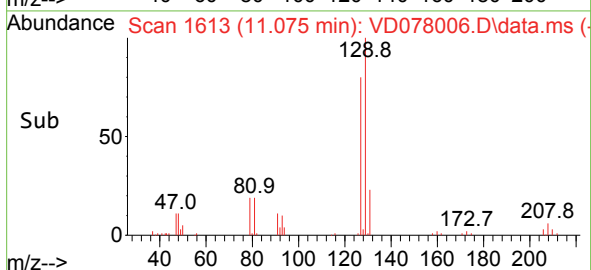
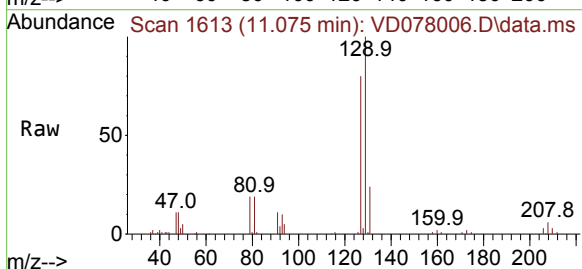


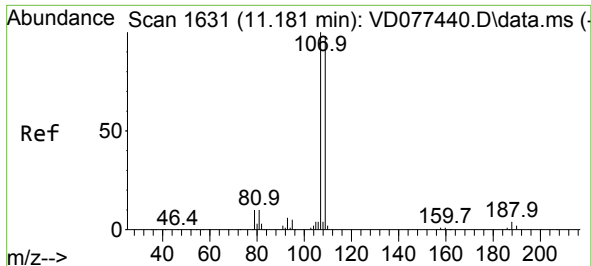
Tgt Ion: 43 Resp: 135014
Ion Ratio Lower Upper
43 100
58 61.6 34.1 102.2



#60
Dibromochloromethane
Concen: 58.539 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 129 Resp: 72887
Ion Ratio Lower Upper
129 100
127 79.4 37.1 111.5

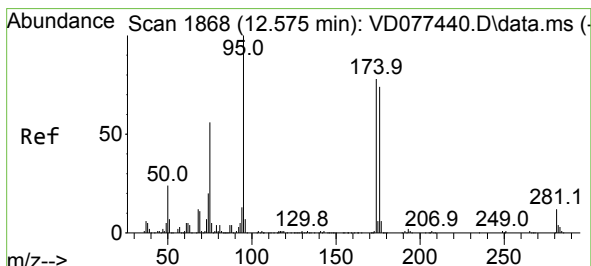
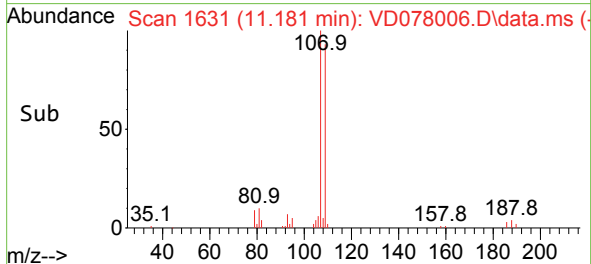
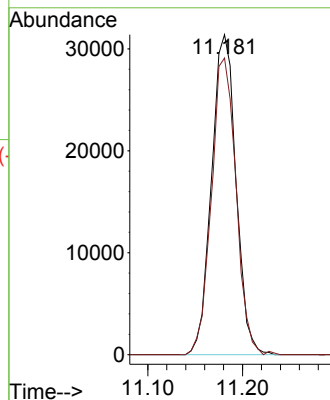
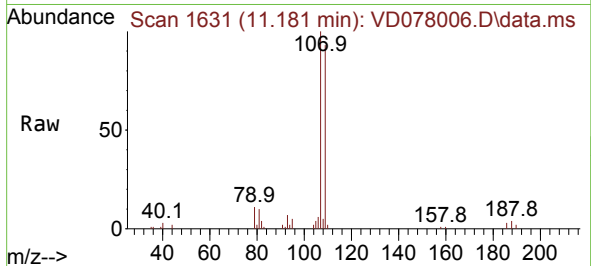




#61
1,2-Dibromoethane
Concen: 57.785 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

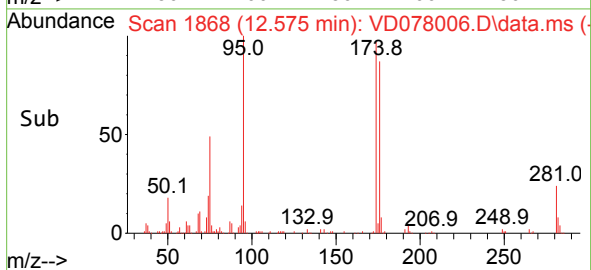
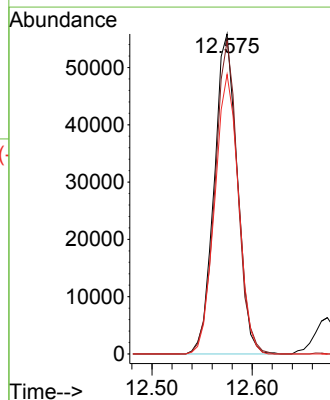
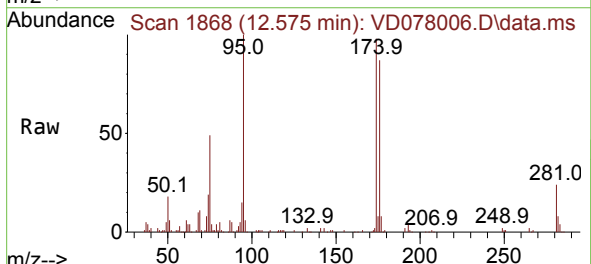
Instrument :
MSVOA_D
ClientSampleId :

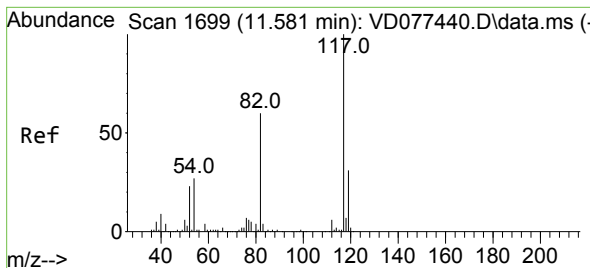
Tgt Ion:107 Resp: 56253
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.653 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 95 Resp: 89383
Ion Ratio Lower Upper
95 100
174 96.4 0.0 201.8
176 89.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

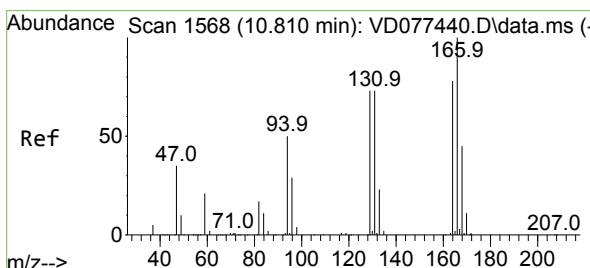
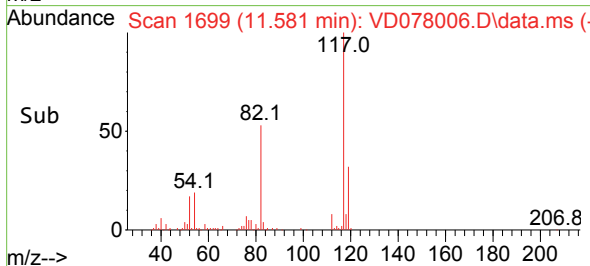
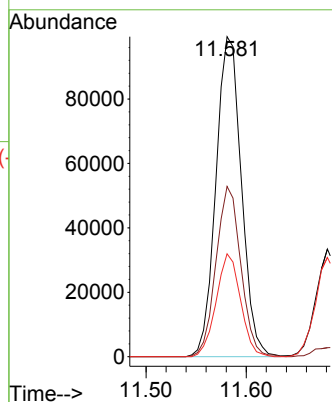
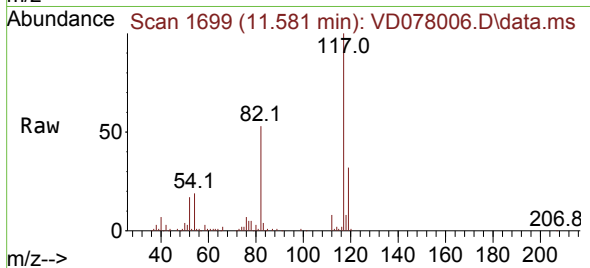
Tgt Ion:117 Resp: 175210

Ion Ratio Lower Upper

117 100

82 53.2 38.3 57.5

119 32.2 25.0 37.4



#64

Tetrachloroethene

Concen: 50.645 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Tgt Ion:164 Resp: 65219

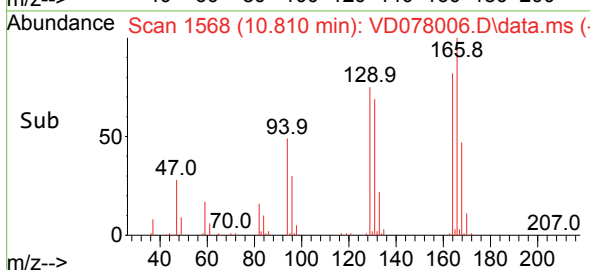
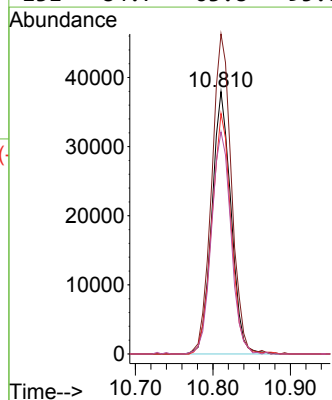
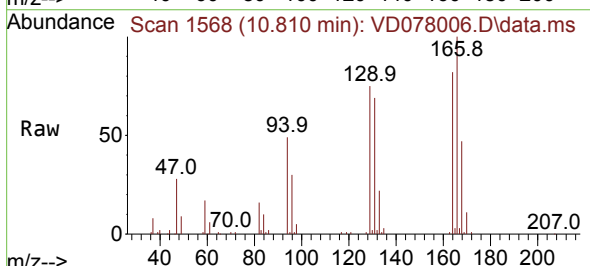
Ion Ratio Lower Upper

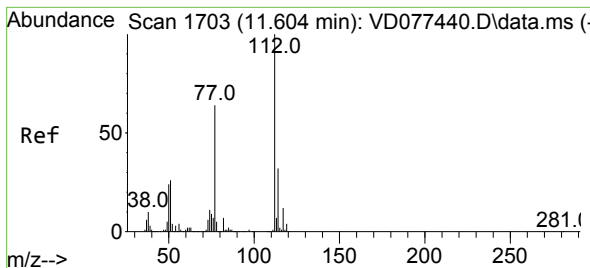
164 100

166 122.0 99.2 148.8

129 91.6 68.4 102.6

131 84.7 63.8 95.8





#65

Chlorobenzene

Concen: 51.683 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

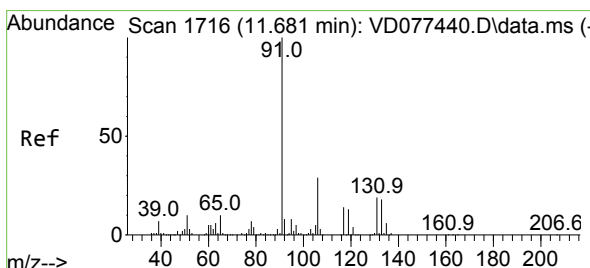
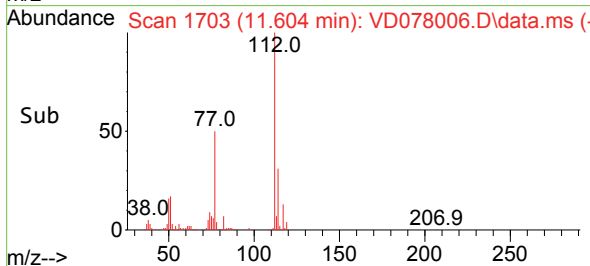
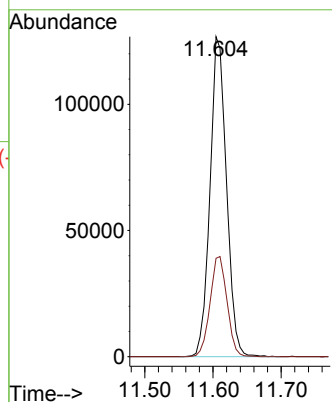
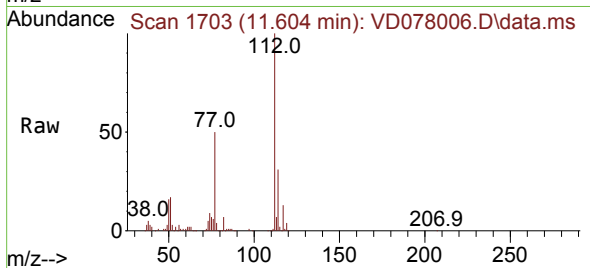
ClientSampleId :

Tgt Ion:112 Resp: 213206

Ion Ratio Lower Upper

112 100

114 30.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 54.981 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

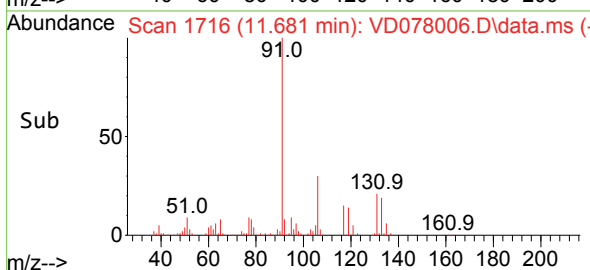
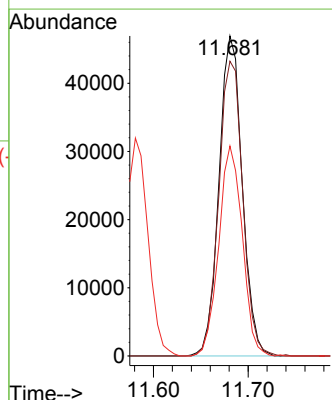
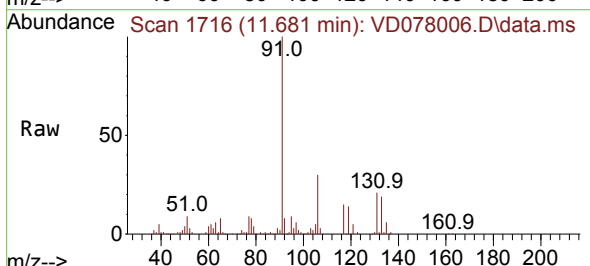
Tgt Ion:131 Resp: 80107

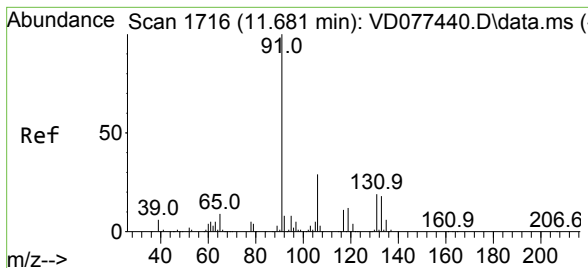
Ion Ratio Lower Upper

131 100

133 95.1 48.5 145.5

119 66.6 35.6 106.9





#67

Ethyl Benzene

Concen: 52.150 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

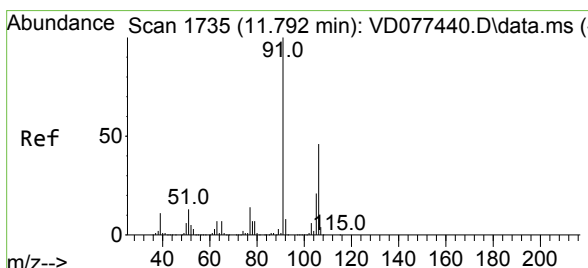
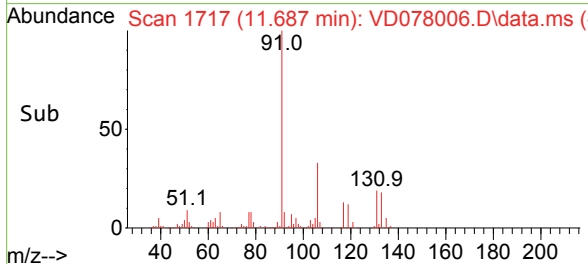
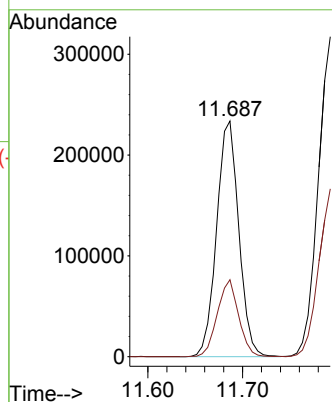
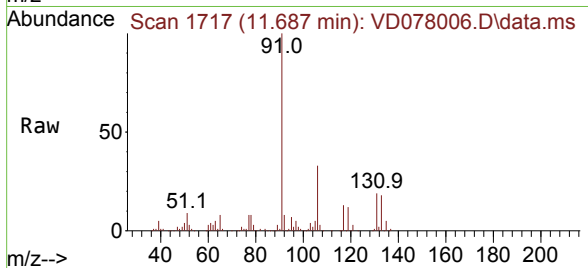
ClientSampleId :

Tgt Ion: 91 Resp: 380408

Ion Ratio Lower Upper

91 100

106 32.7 26.5 39.7



#68

m/p-Xylenes

Concen: 106.773 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD078006.D

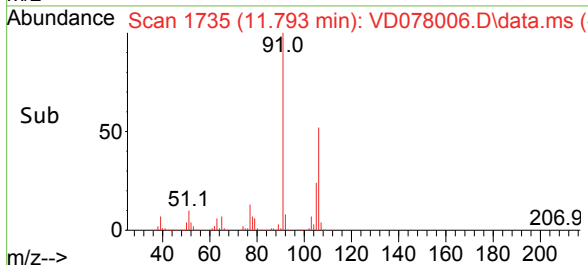
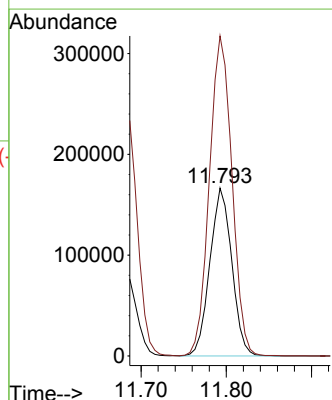
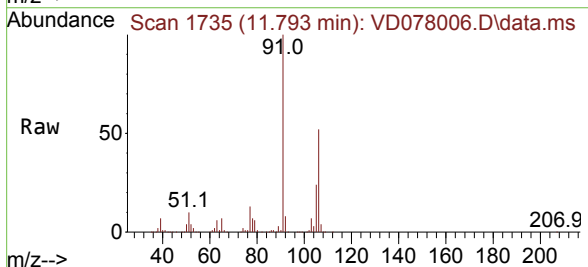
Acq: 20 Dec 2023 20:50

Tgt Ion:106 Resp: 297917

Ion Ratio Lower Upper

106 100

91 196.2 147.0 220.6

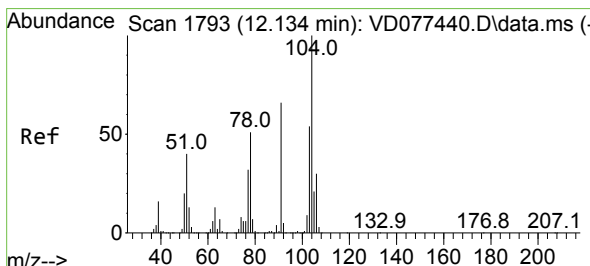
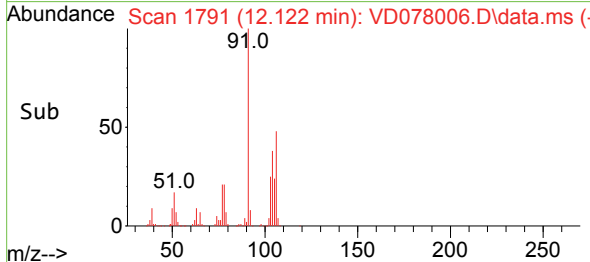
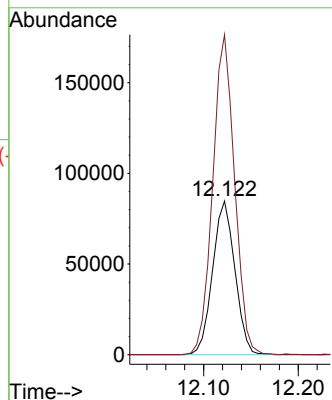
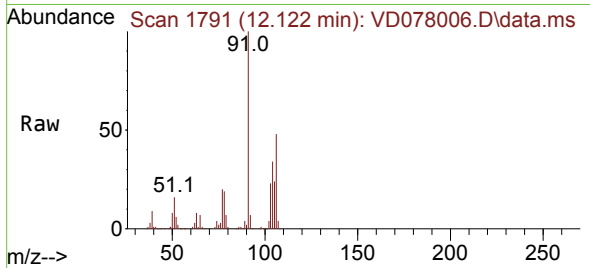




#69
o-Xylene
Concen: 53.861 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

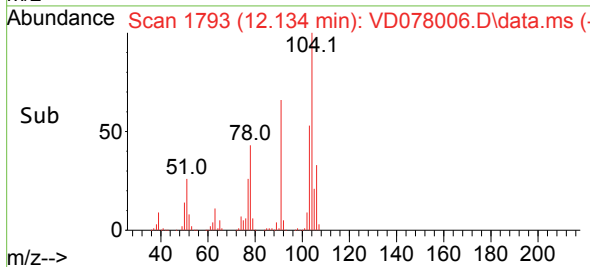
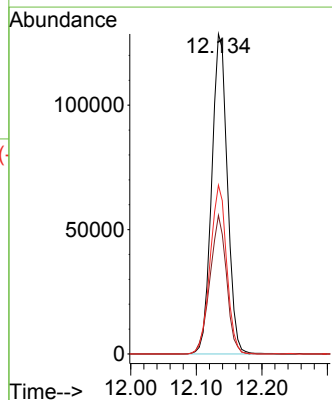
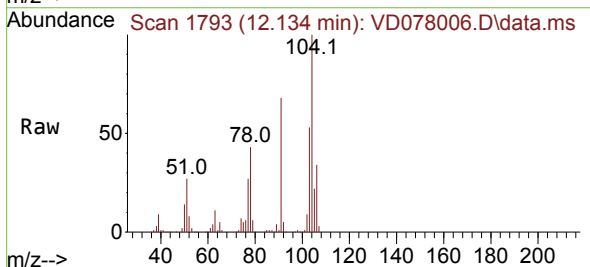
Instrument :
MSVOA_D
ClientSampleId :

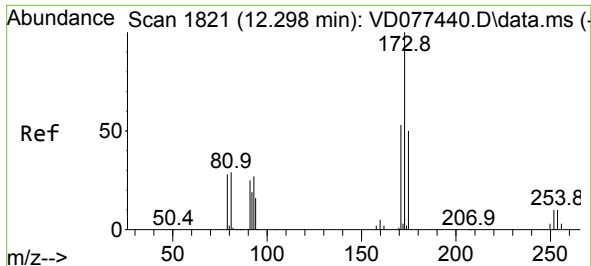
Tgt Ion:106 Resp: 138504
Ion Ratio Lower Upper
106 100
91 204.6 97.9 293.6



#70
Styrene
Concen: 55.915 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

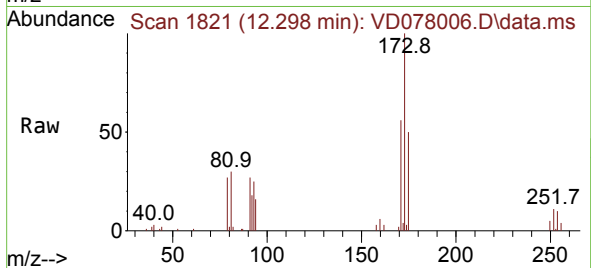
Tgt Ion:104 Resp: 213800
Ion Ratio Lower Upper
104 100
78 45.8 33.2 49.8
103 55.5 43.6 65.4



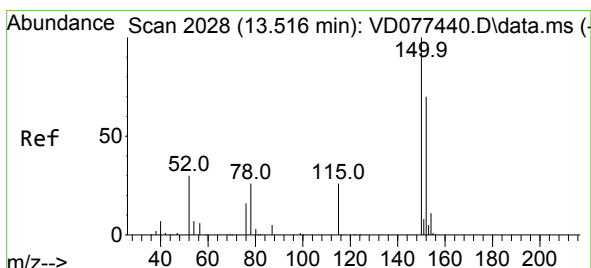
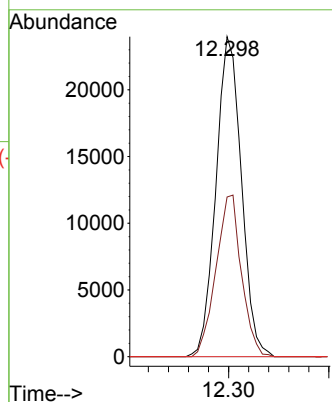
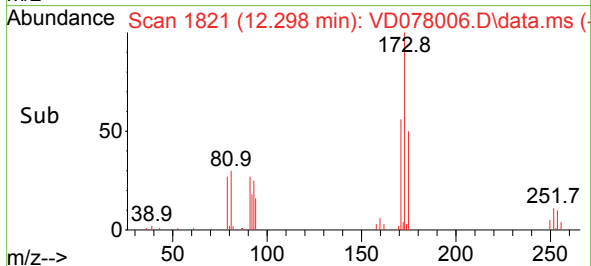


#71
Bromoform
Concen: 55.374 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :

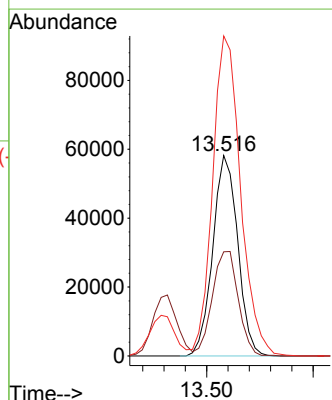
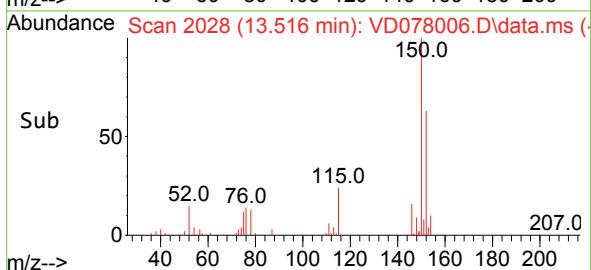
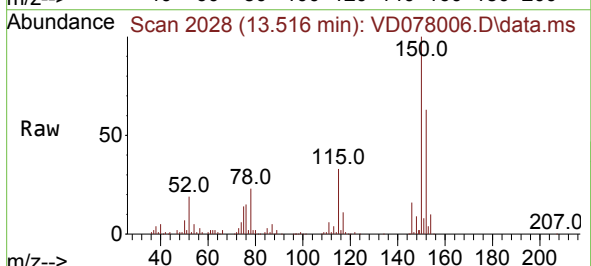


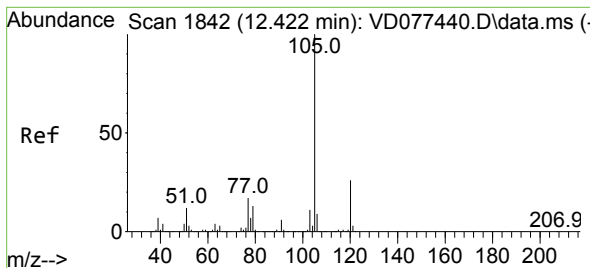
Tgt Ion:173 Resp: 42155
Ion Ratio Lower Upper
173 100
175 50.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion:152 Resp: 94519
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.3
150 179.4 0.0 353.6





#73

Isopropylbenzene

Concen: 50.815 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

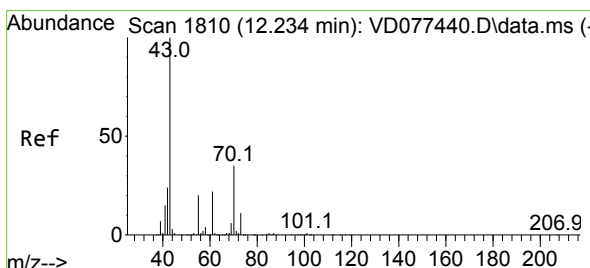
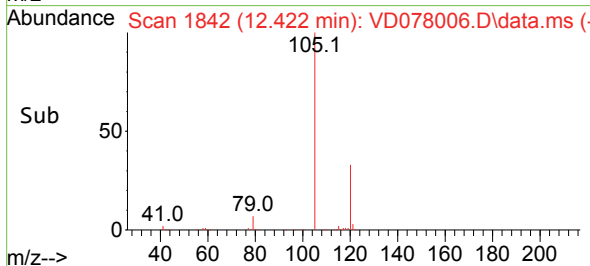
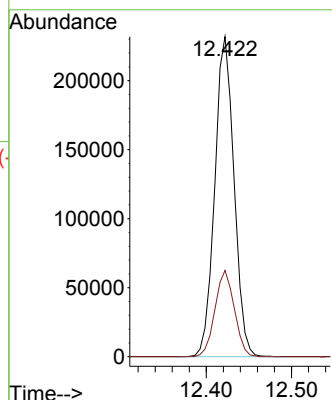
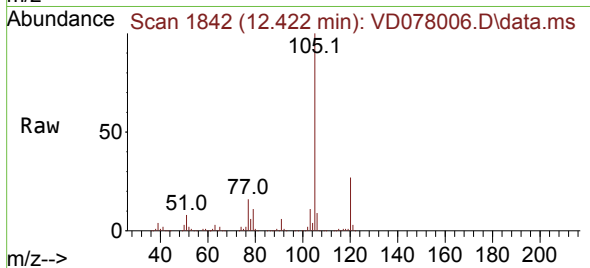
ClientSampleId :

Tgt Ion:105 Resp: 364027

Ion Ratio Lower Upper

105 100

120 27.0 14.3 42.9



#74

N-ethyl acetate

Concen: 45.724 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Tgt Ion: 43 Resp: 64387

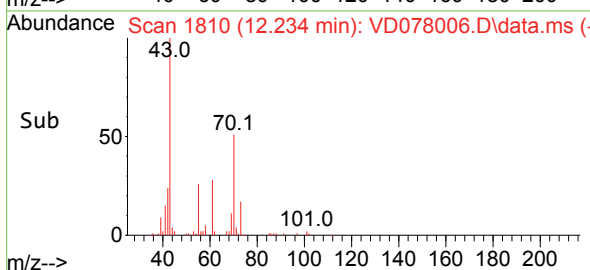
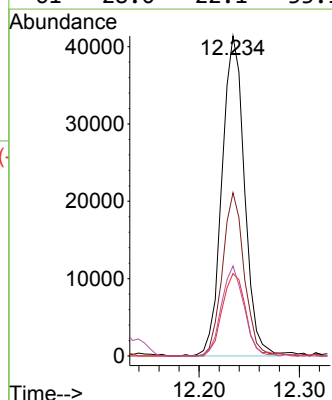
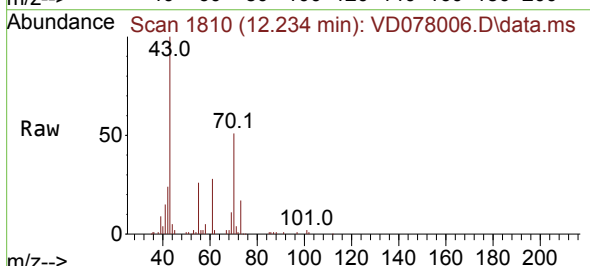
Ion Ratio Lower Upper

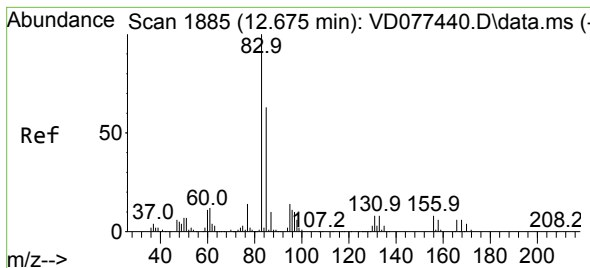
43 100

70 49.5 45.0 67.4

55 27.2 23.8 35.6

61 28.0 22.1 33.1

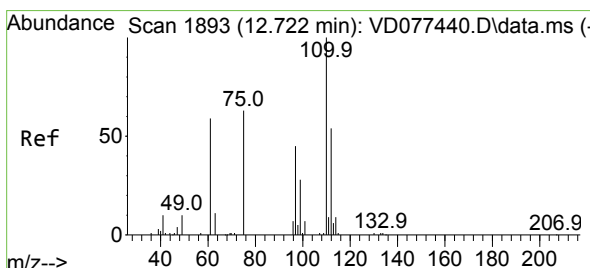
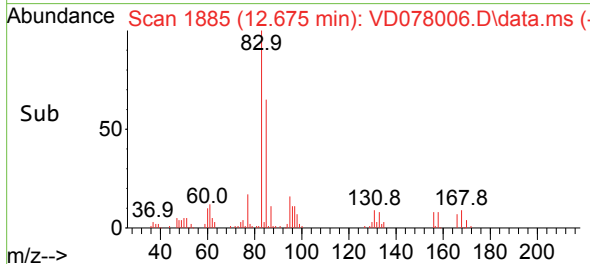
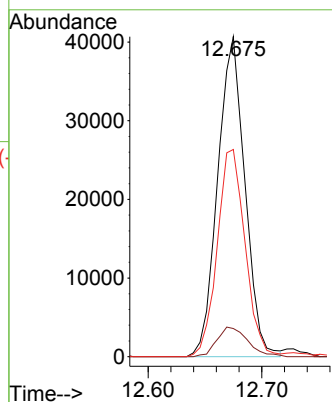
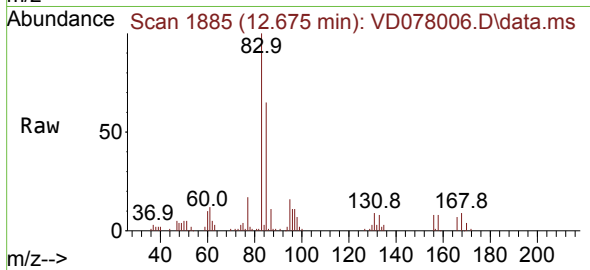




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.229 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

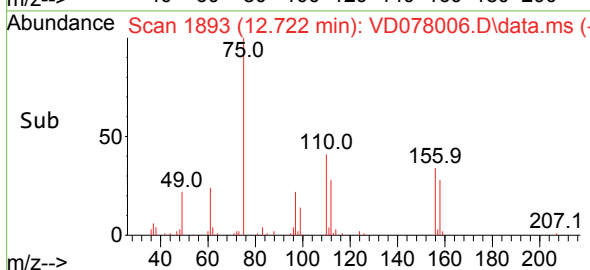
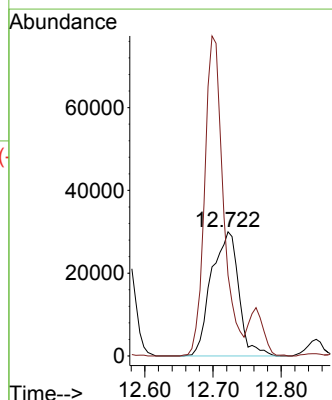
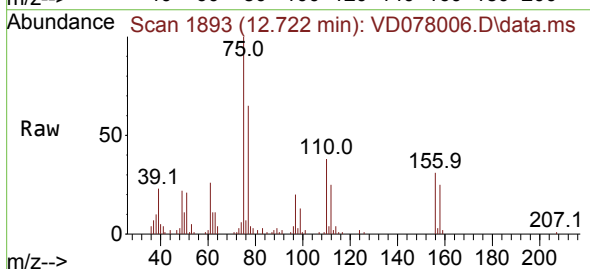
Instrument :
 MSVOA_D
 ClientSampleId :

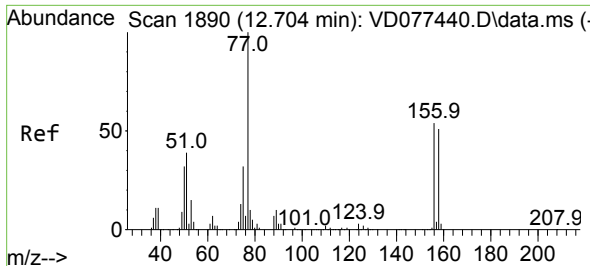
Tgt Ion: 83 Resp: 67737
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.3
 85 66.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 102.216 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

Tgt Ion: 75 Resp: 83909
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

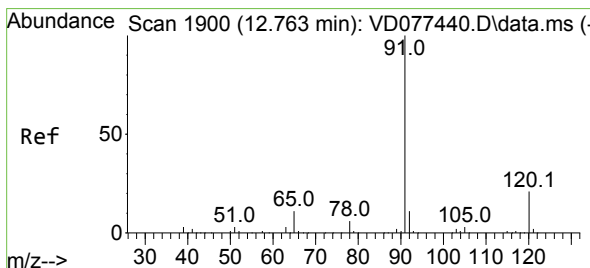
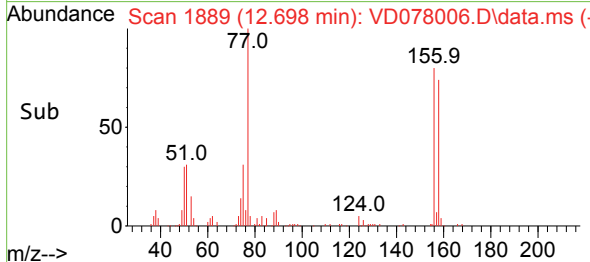
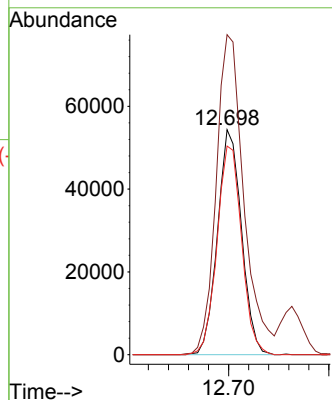
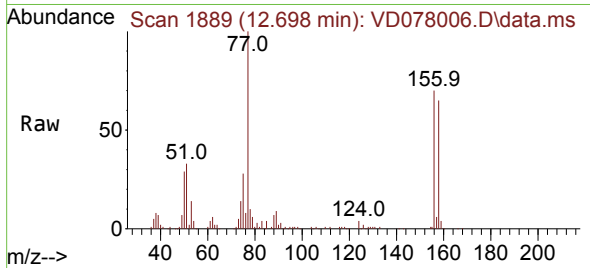




#77
Bromobenzene
Concen: 53.581 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

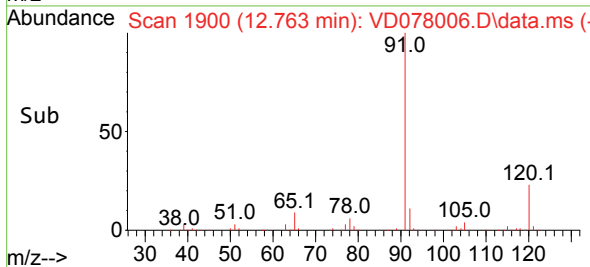
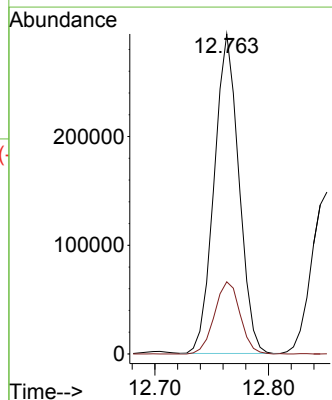
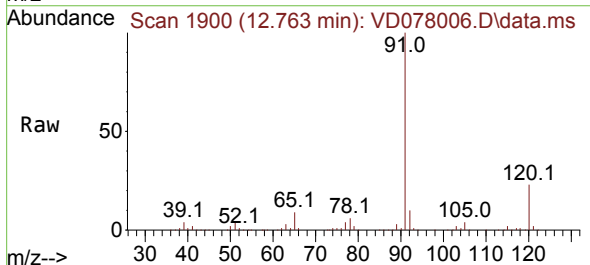
Instrument :
MSVOA_D
ClientSampleId :

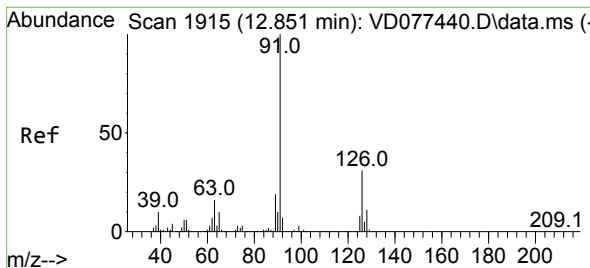
Tgt Ion:156 Resp: 90283
Ion Ratio Lower Upper
156 100
77 163.8 76.8 230.4
158 94.9 48.6 145.9



#78
n-propylbenzene
Concen: 50.872 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 91 Resp: 444071
Ion Ratio Lower Upper
91 100
120 23.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 51.579 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

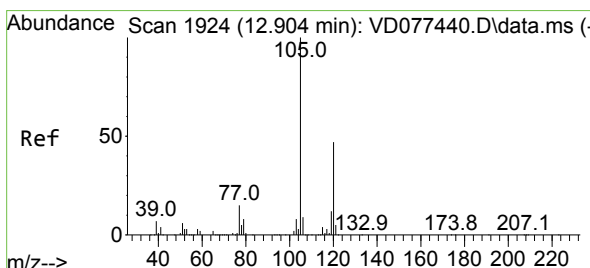
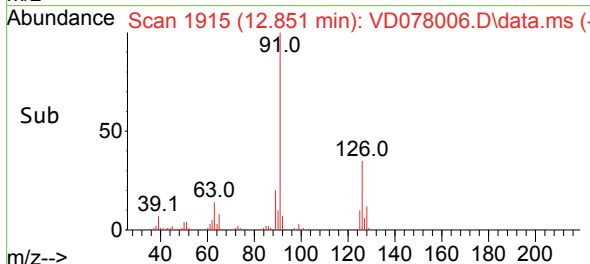
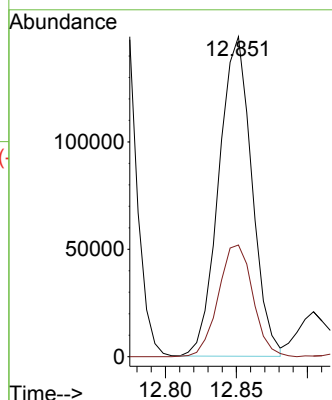
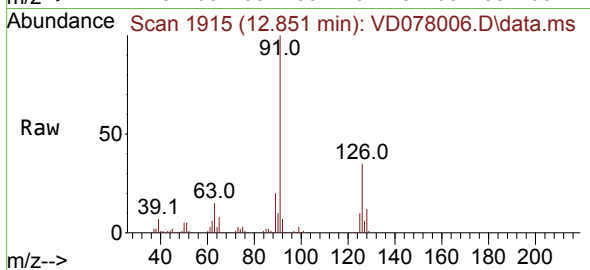
ClientSampleId :

Tgt Ion: 91 Resp: 241292

Ion Ratio Lower Upper

91 100

126 36.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 51.655 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078006.D

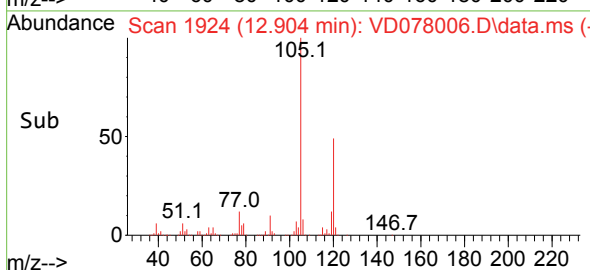
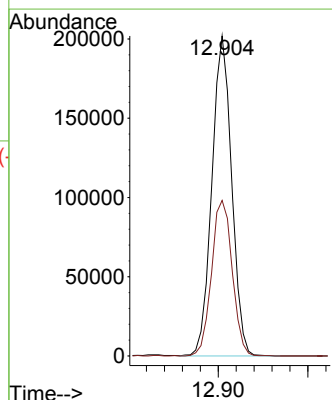
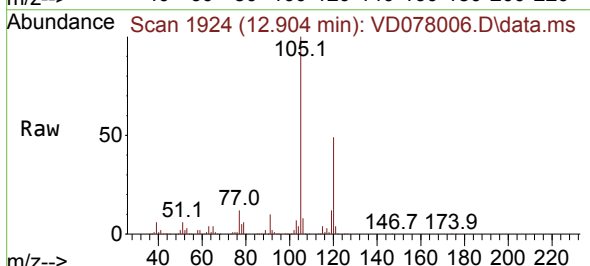
Acq: 20 Dec 2023 20:50

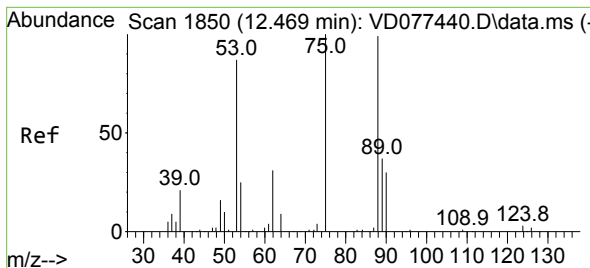
Tgt Ion:105 Resp: 308625

Ion Ratio Lower Upper

105 100

120 50.8 26.4 79.2

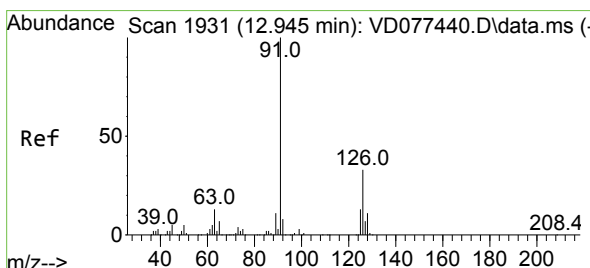
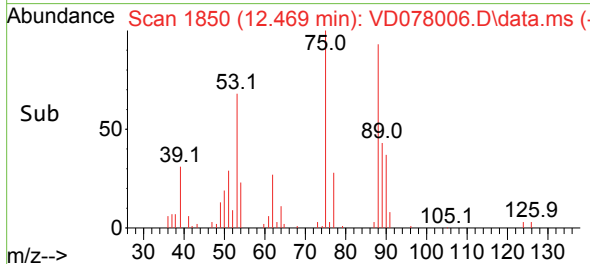
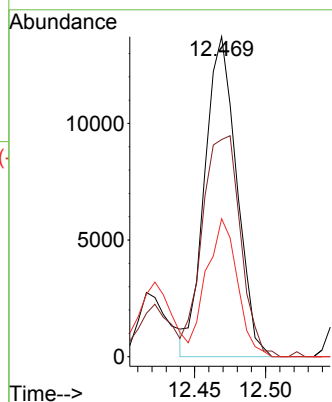
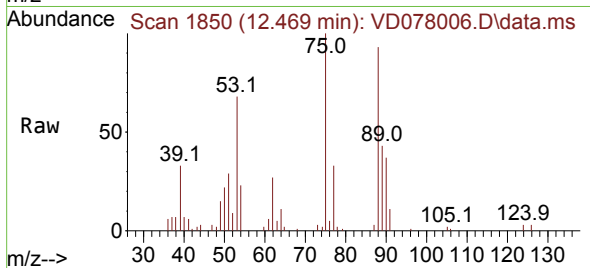




#81
trans-1,4-Dichloro-2-butene
Concen: 52.938 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

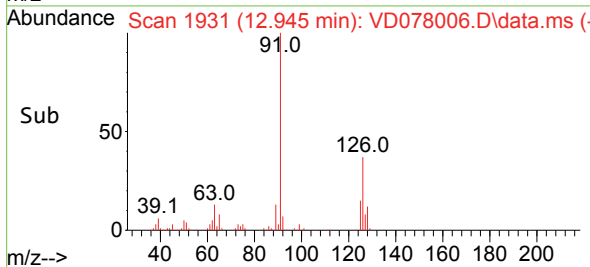
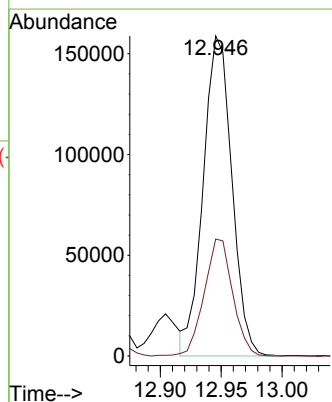
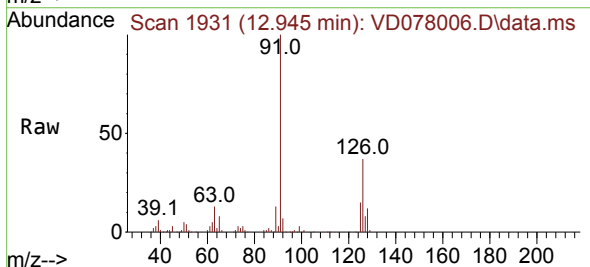
Instrument :
MSVOA_D
ClientSampleId :

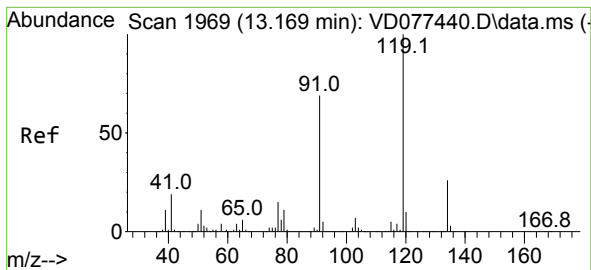
Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.5	63.0	94.4
89	41.6	37.9	56.9



#82
4-Chlorotoluene
Concen: 53.196 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	19.4	58.4





#83

tert-Butylbenzene

Concen: 53.378 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

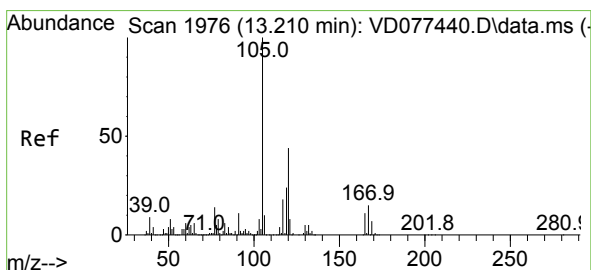
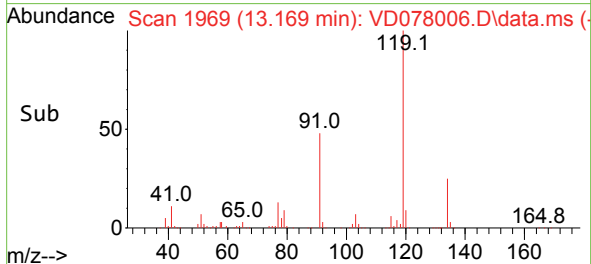
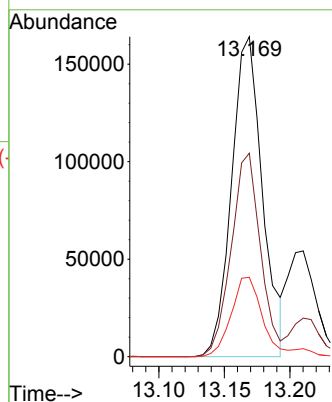
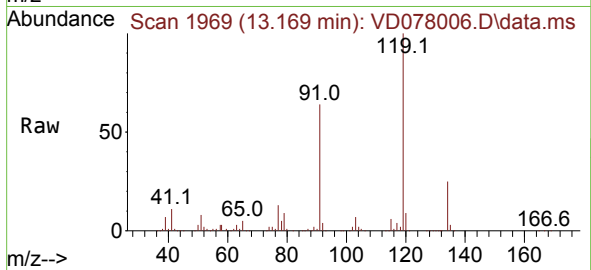
Tgt Ion:119 Resp: 269244

Ion Ratio Lower Upper

119 100

91 60.3 29.3 87.8

134 24.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 53.106 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078006.D

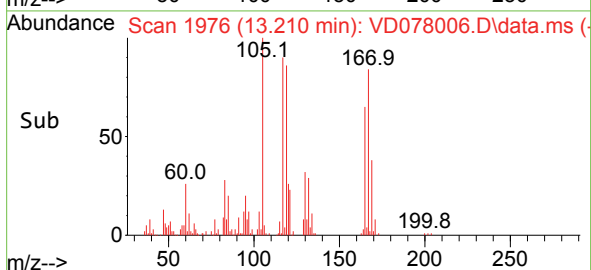
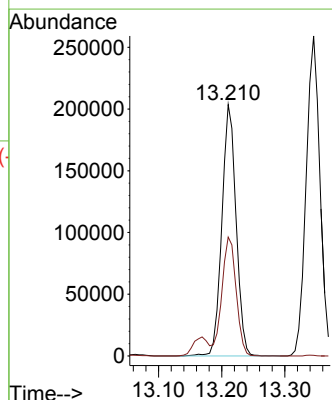
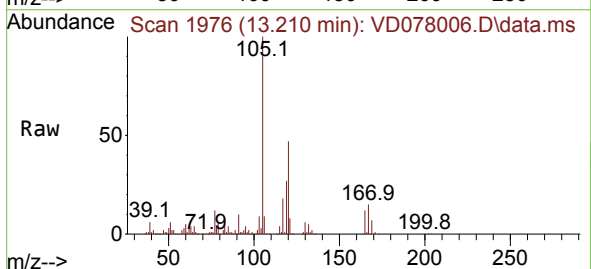
Acq: 20 Dec 2023 20:50

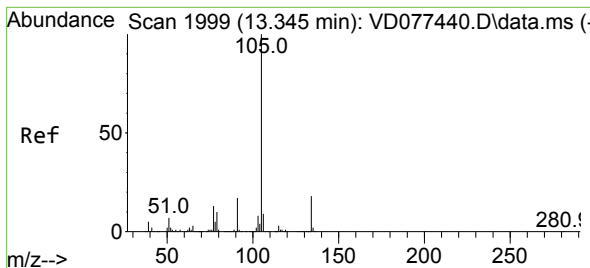
Tgt Ion:105 Resp: 317358

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 52.670 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

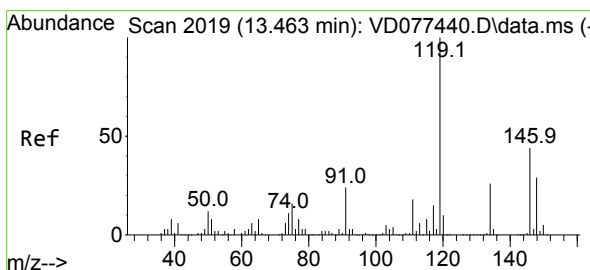
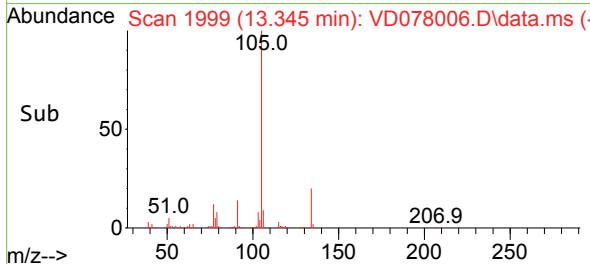
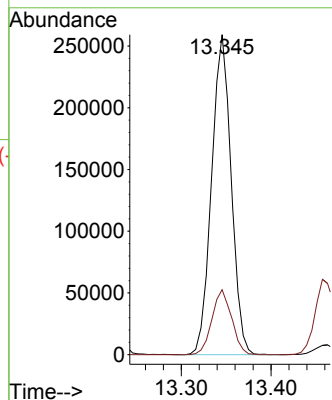
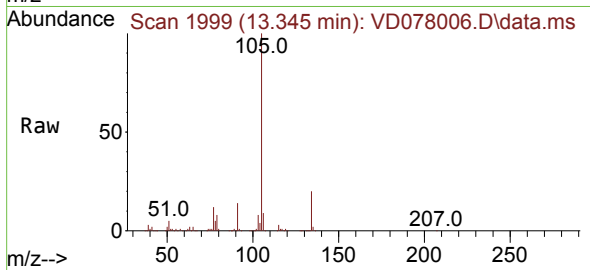
ClientSampleId :

Tgt Ion:105 Resp: 392708

Ion Ratio Lower Upper

105 100

134 20.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 53.487 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

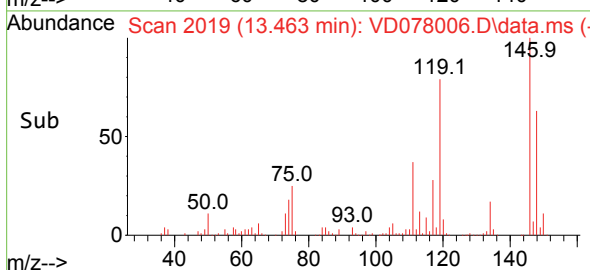
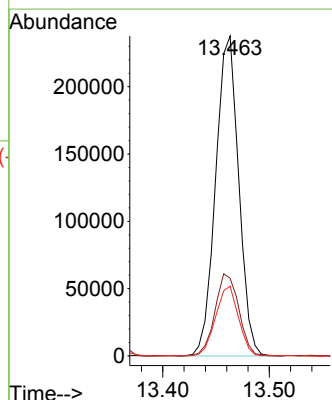
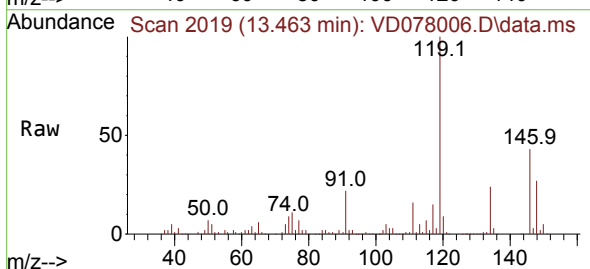
Tgt Ion:119 Resp: 357056

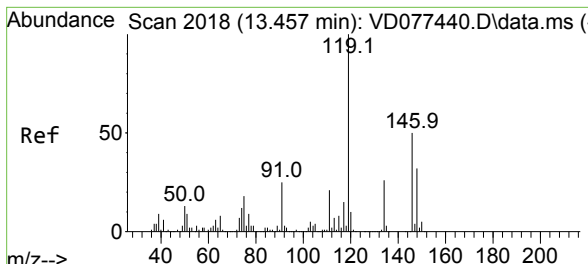
Ion Ratio Lower Upper

119 100

134 26.5 14.2 42.6

91 21.7 10.5 31.5

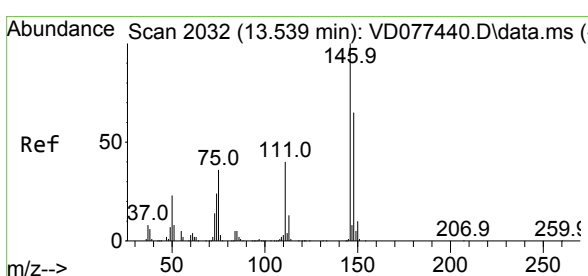
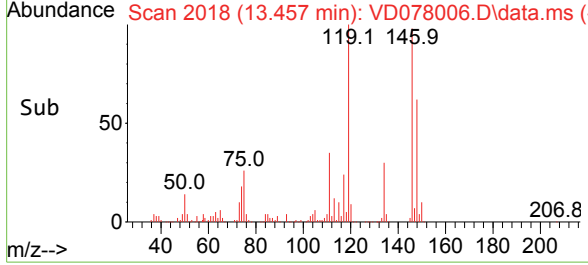
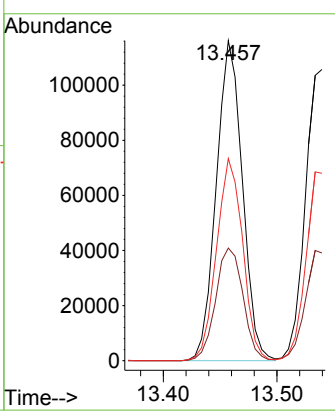
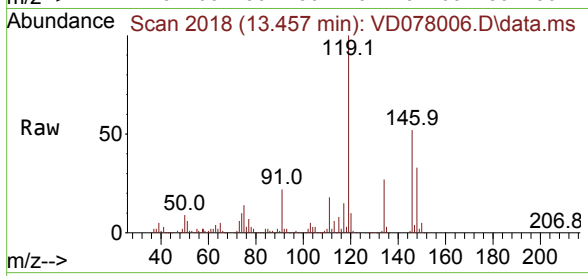




#87
 1,3-Dichlorobenzene
 Concen: 53.780 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

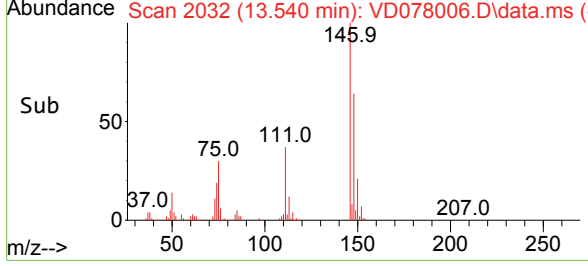
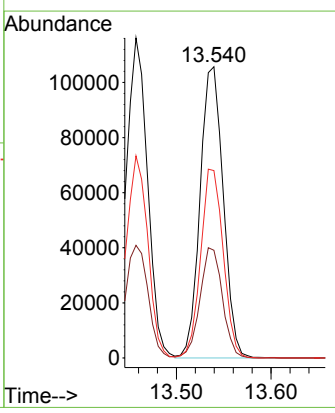
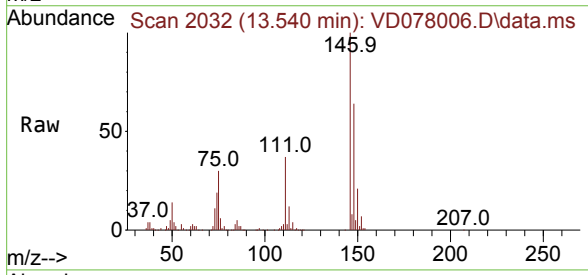
Instrument :
 MSVOA_D
 ClientSampleId :

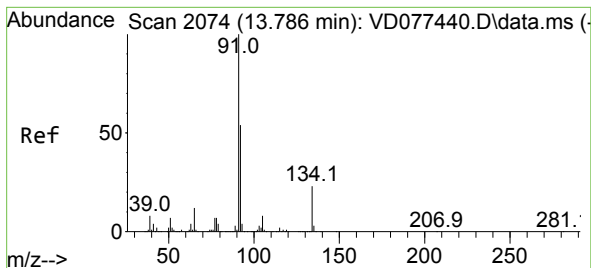
Tgt Ion:	146	Resp:	185316
Ion	Ratio	Lower	Upper
146	100		
111	37.0	17.9	53.8
148	63.4	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 52.335 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.001 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

Tgt Ion:	146	Resp:	179741
Ion	Ratio	Lower	Upper
146	100		
111	36.7	17.4	52.3
148	63.1	31.7	95.1





#89

n-Butylbenzene

Concen: 52.483 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

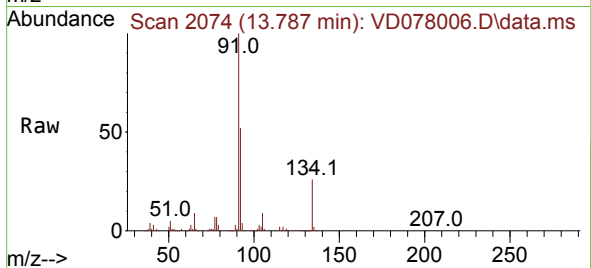
Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :



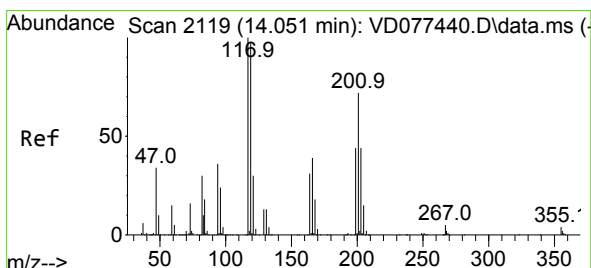
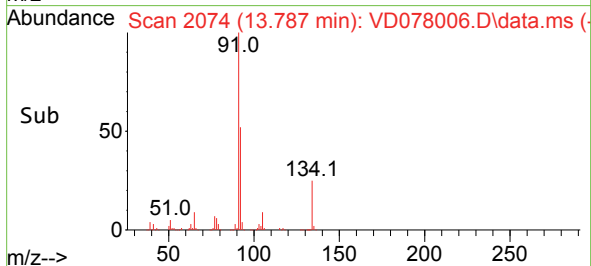
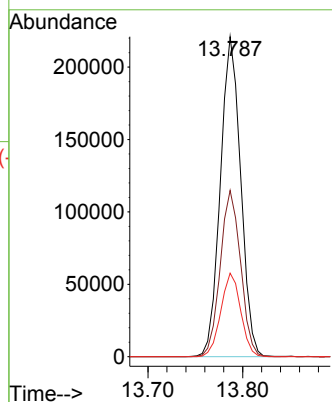
Tgt Ion: 91 Resp: 329667

Ion Ratio Lower Upper

91 100

92 52.0 26.5 79.5

134 25.6 13.8 41.3



#90

Hexachloroethane

Concen: 56.852 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078006.D

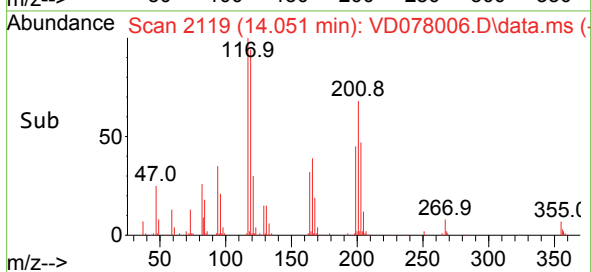
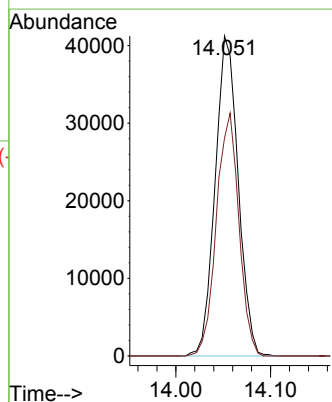
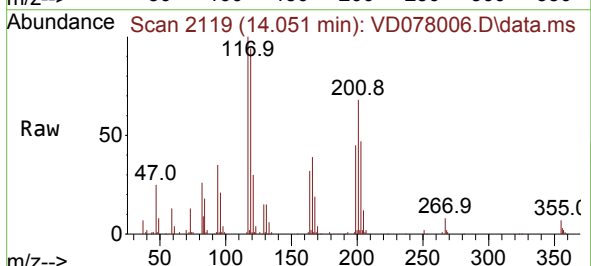
Acq: 20 Dec 2023 20:50

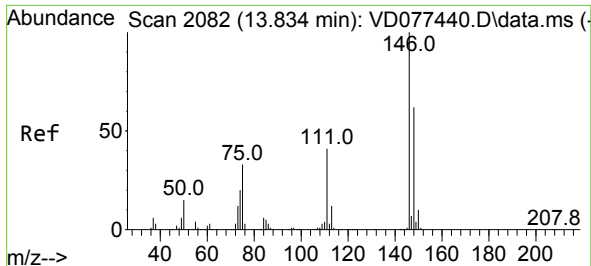
Tgt Ion: 117 Resp: 69796

Ion Ratio Lower Upper

117 100

201 74.1 38.5 115.5

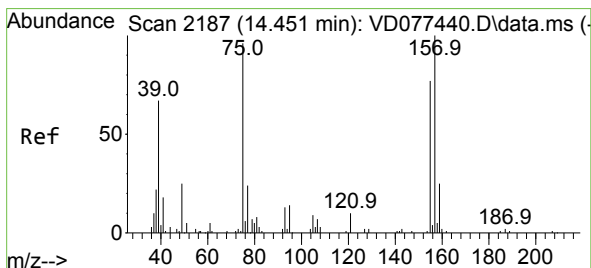
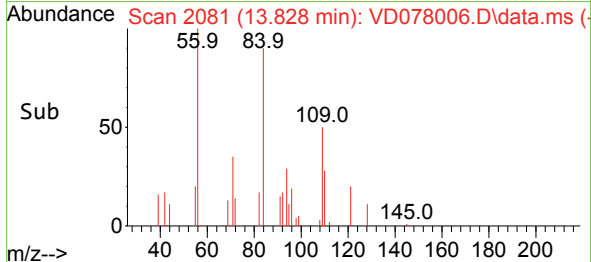
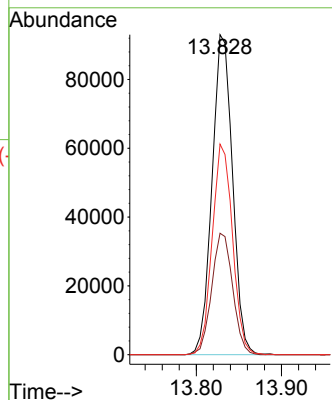
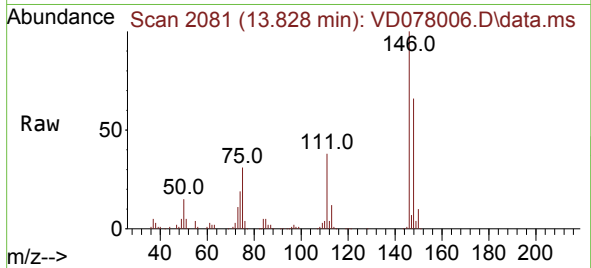




#91
1,2-Dichlorobenzene
Concen: 52.912 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

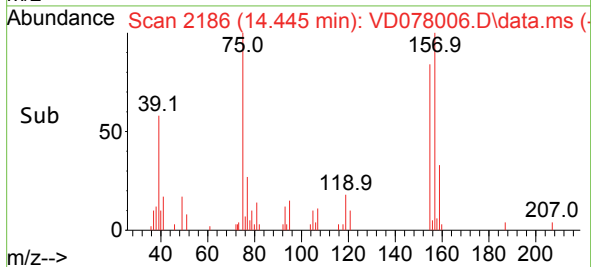
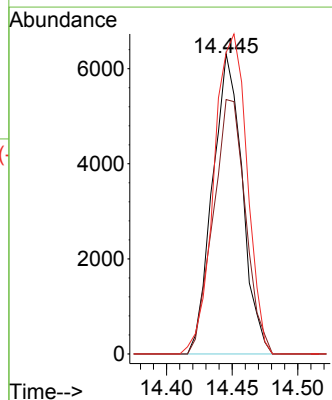
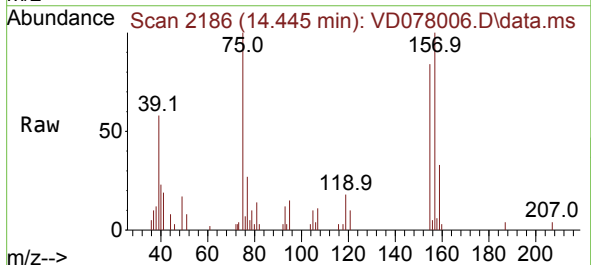
Instrument :
MSVOA_D
ClientSampleId :

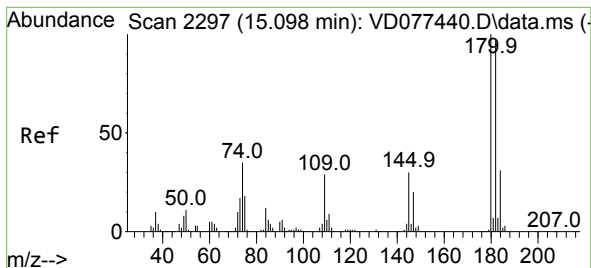
Tgt Ion:146 Resp: 155063
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 65.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.006 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 75 Resp: 9935
Ion Ratio Lower Upper
75 100
155 92.0 47.9 143.8
157 118.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.563 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

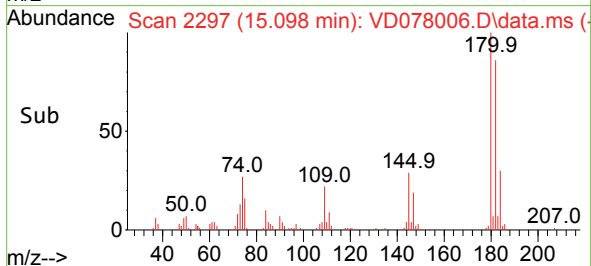
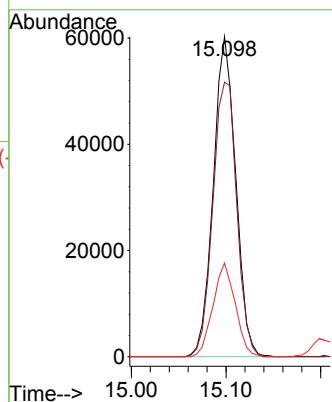
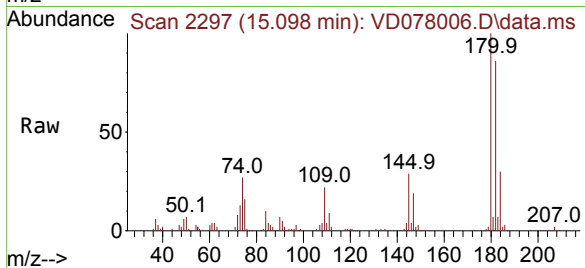
Tgt Ion:180 Resp: 99212

Ion Ratio Lower Upper

180 100

182 91.6 48.5 145.6

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.942 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

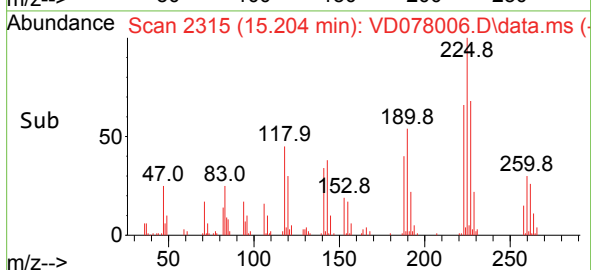
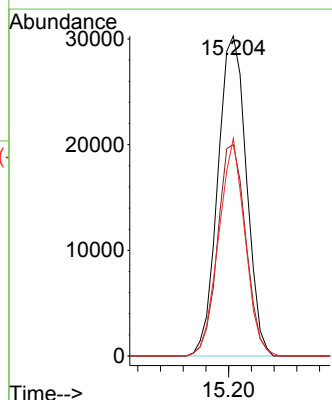
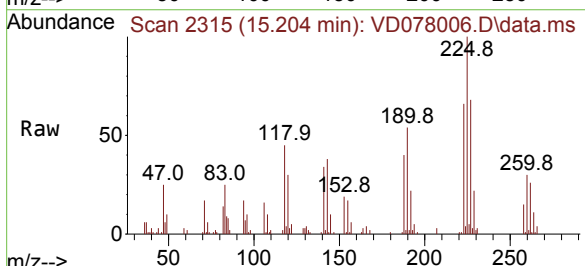
Tgt Ion:225 Resp: 52829

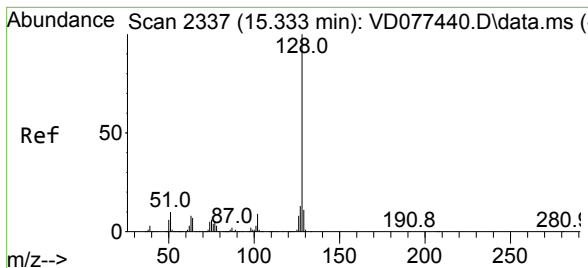
Ion Ratio Lower Upper

225 100

223 65.2 31.6 94.8

227 62.8 31.7 95.1





#95

Naphthalene

Concen: 54.989 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

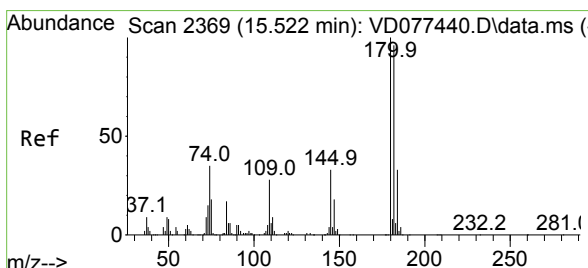
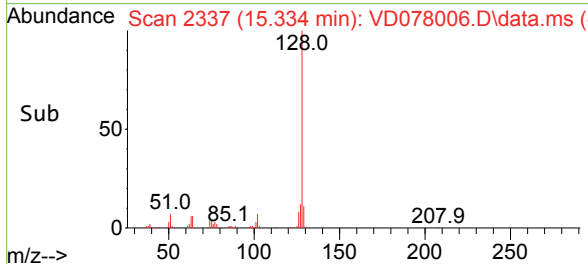
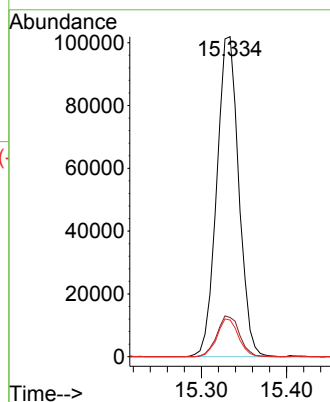
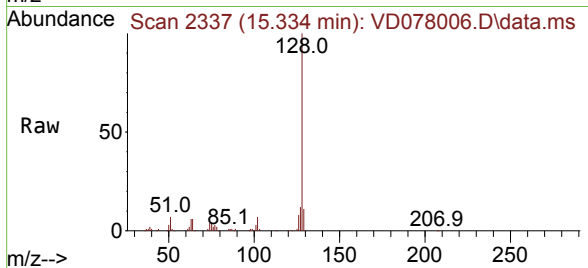
Tgt Ion:128 Resp: 182889

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

129 11.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.483 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Tgt Ion:180 Resp: 84961

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

145 30.5 15.1 45.3

