

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077322.D
 Acq On : 12 Oct 2023 17:37
 Operator : JC/SY
 Sample : 04830-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 13 02:32:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

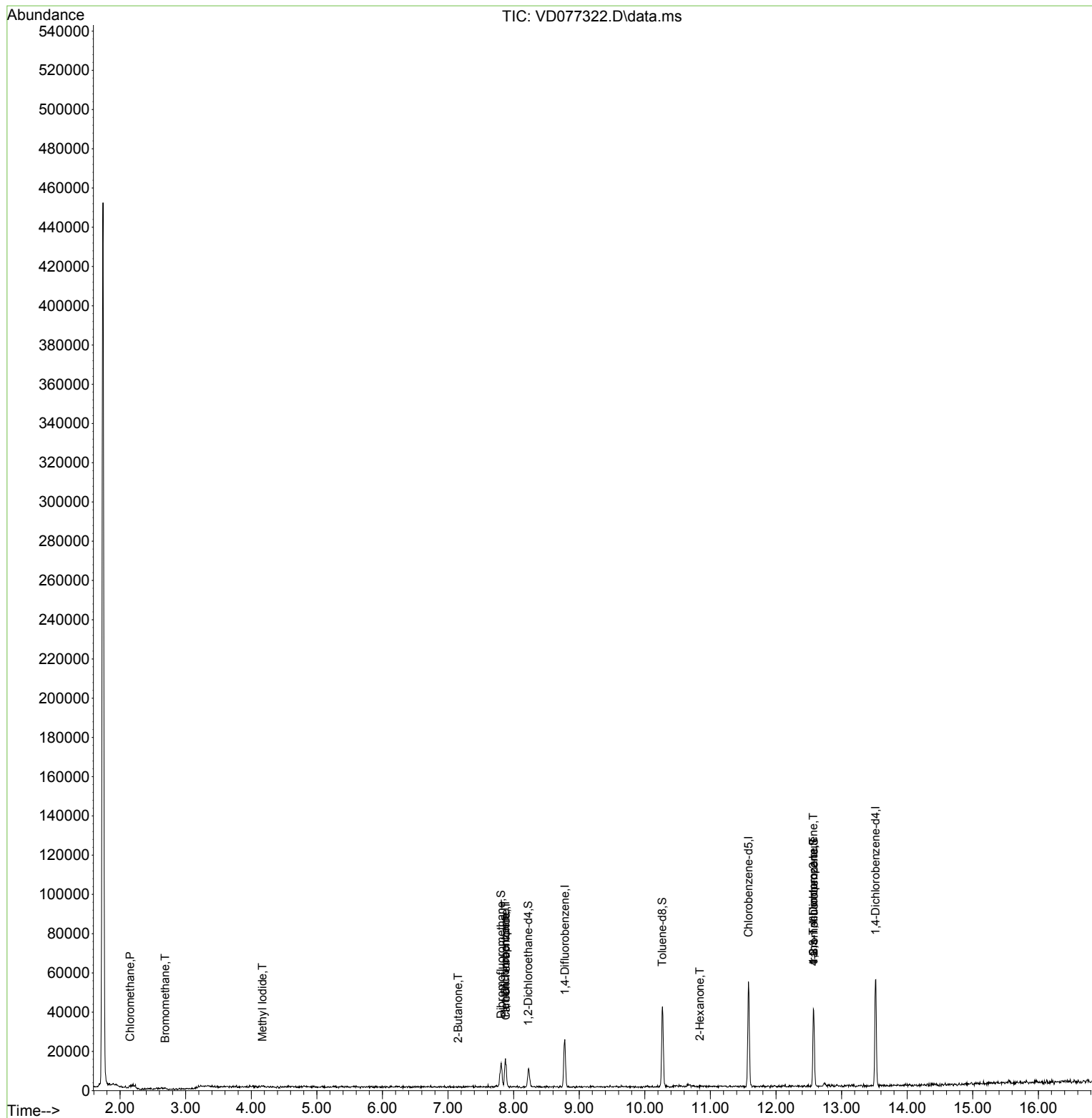
Internal Standards						
1) Pentafluorobenzene	7.869	168	10781	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	21890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	31493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	7086	83.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.200%#	
35) Dibromofluoromethane	7.810	113	8532	74.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 149.700%#	
50) Toluene-d8	10.263	98	30097	78.743	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 157.480%#	
62) 4-Bromofluorobenzene	12.575	95	13387	104.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 208.560%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	327	2.097	ug/l	# 41
5) Bromomethane	2.687	94	355	2.853	ug/l	# 42
10) Methyl Iodide	4.169	142	289	1.782	ug/l	# 46
20) Methylene Chloride	4.799	84	462	Below Cal	#	17
25) 2-Butanone	7.152	43	53	1.492	ug/l	# 37
36) 1,1-Dichloropropene	7.875	75	1004	4.714	ug/l	# 39
38) Carbon Tetrachloride	7.881	117	968	5.047	ug/l	# 11
59) 2-Hexanone	10.840	43	60	1.027	ug/l	# 16
76) 1,2,3-Trichloropropane	12.569	75	7337	43.311	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	7337	96.800	ug/l	# 17

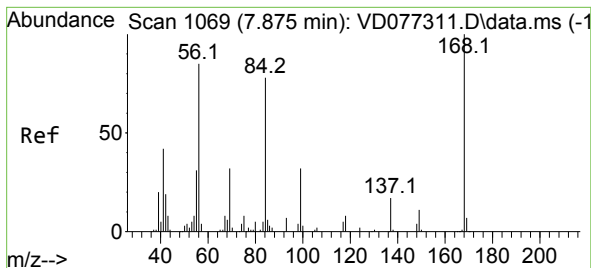
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 13 02:32:43 2023
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Quant Title : SW846 8260
QLast Update : Thu Oct 12 14:39:07 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

Instrument :

MSVOA_D

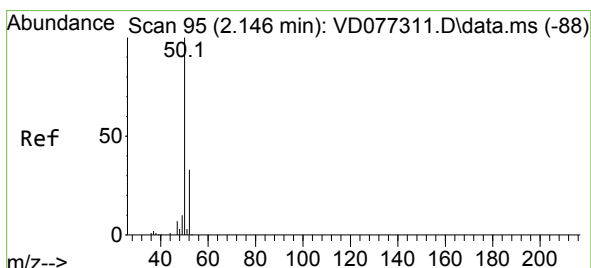
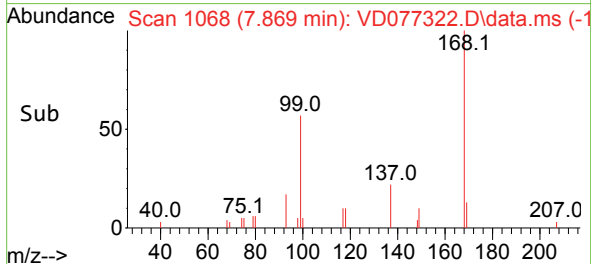
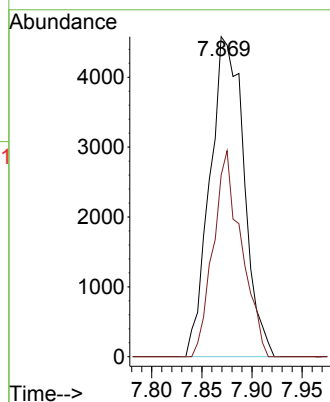
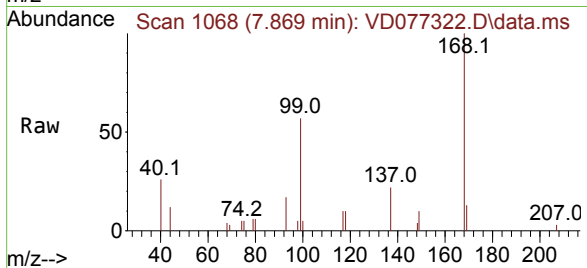
ClientSampleId :

Tgt Ion:168 Resp: 10781

Ion Ratio Lower Upper

168 100

99 56.8 36.7 55.1#



#3

Chloromethane

Concen: 2.097 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.006 min

Lab File: VD077322.D

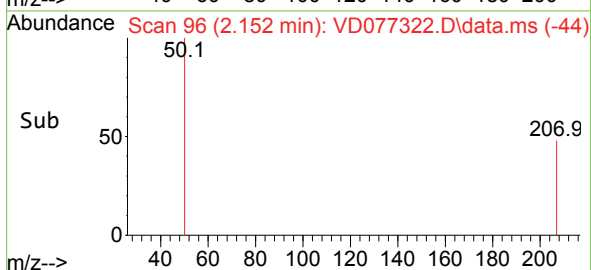
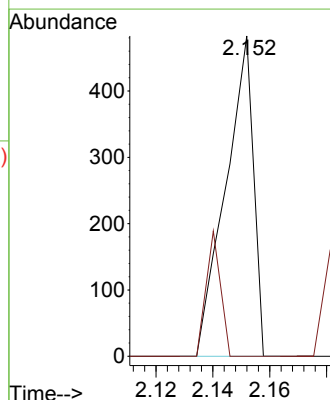
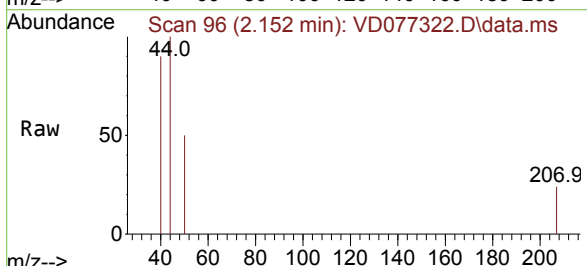
Acq: 12 Oct 2023 17:37

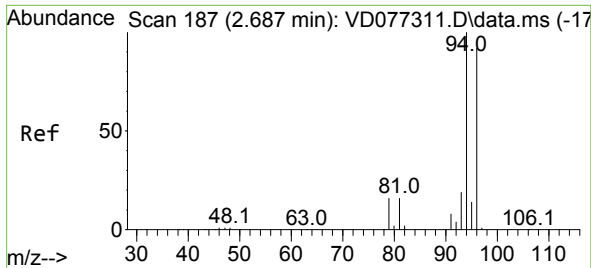
Tgt Ion: 50 Resp: 327

Ion Ratio Lower Upper

50 100

52 0.0 26.6 40.0#

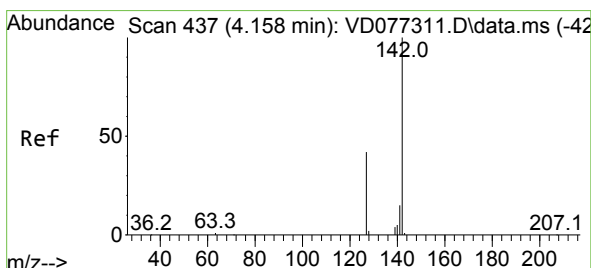
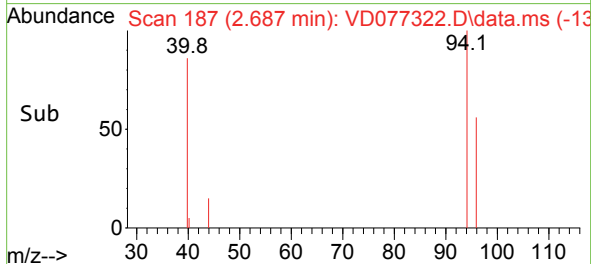
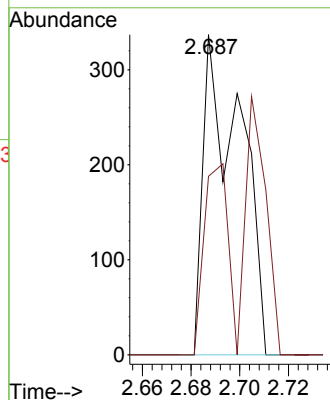
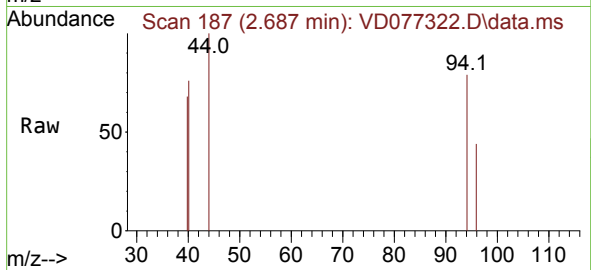




#5
Bromomethane
Concen: 2.853 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077322.D
Acq: 12 Oct 2023 17:37

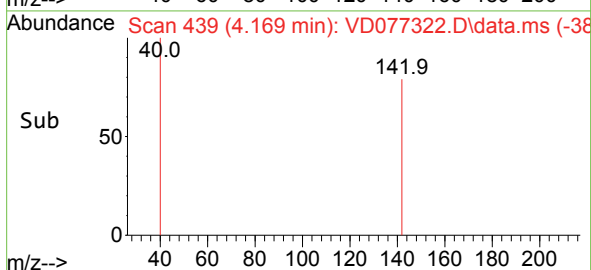
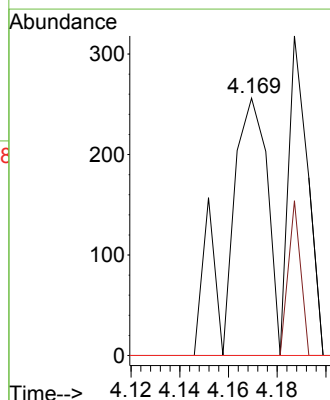
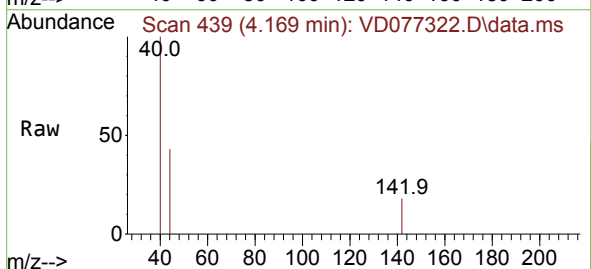
Instrument :
MSVOA_D
ClientSampleId :

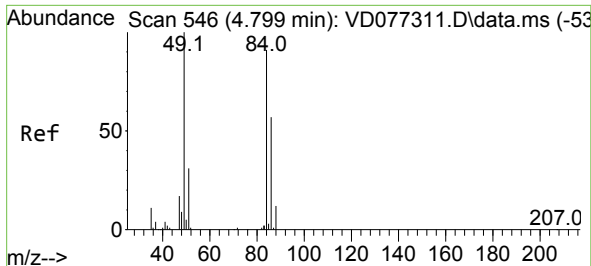
Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 38.6 75.8 113.8#



#10
Methyl Iodide
Concen: 1.782 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.012 min
Lab File: VD077322.D
Acq: 12 Oct 2023 17:37

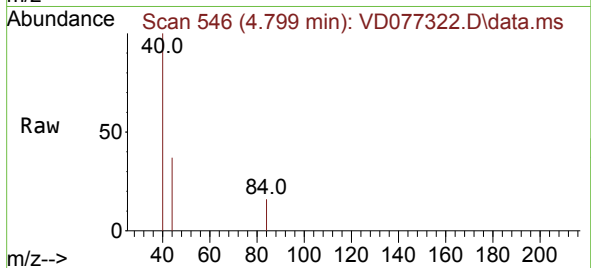
Tgt Ion:142 Resp: 289
Ion Ratio Lower Upper
142 100
127 0.0 29.4 44.0#
141 0.0 11.1 16.7#



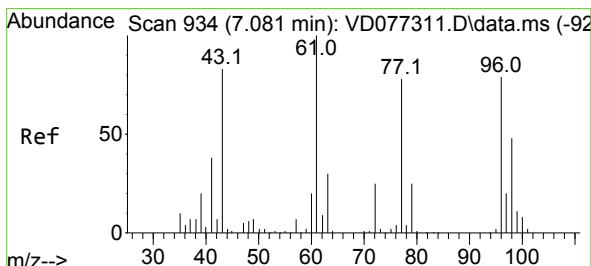
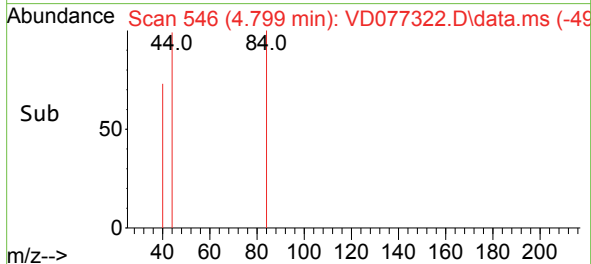
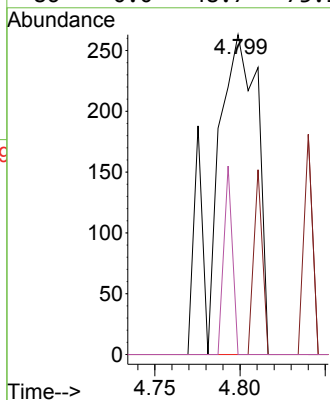


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077322.D
Acq: 12 Oct 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

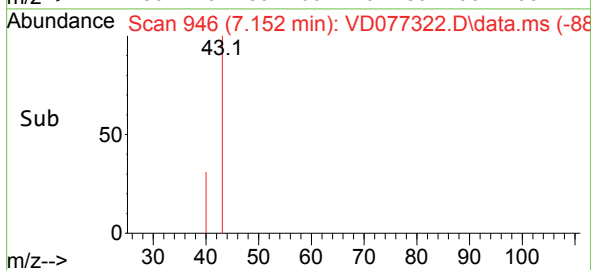
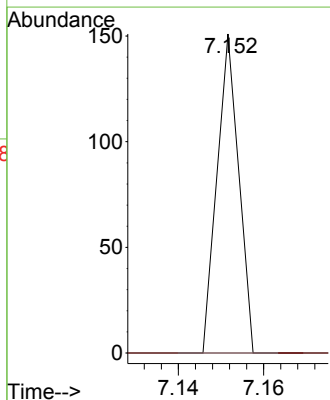
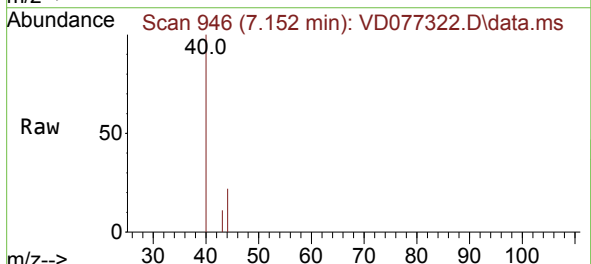


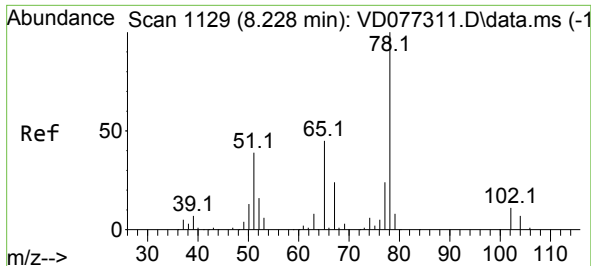
Tgt Ion: 84 Resp: 462
Ion Ratio Lower Upper
84 100
49 0.0 71.4 107.2#
51 0.0 24.5 36.7#
86 0.0 48.7 73.1#



#25
2-Butanone
Concen: 1.492 ug/l
RT: 7.152 min Scan# 946
Delta R.T. 0.071 min
Lab File: VD077322.D
Acq: 12 Oct 2023 17:37

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#





#33

1,2-Dichloroethane-d4

Concen: 83.603 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

Instrument :

MSVOA_D

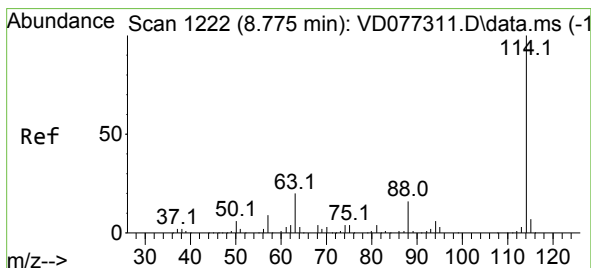
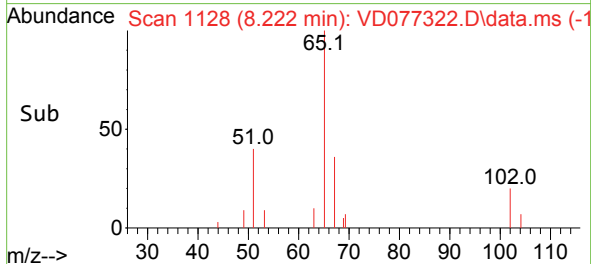
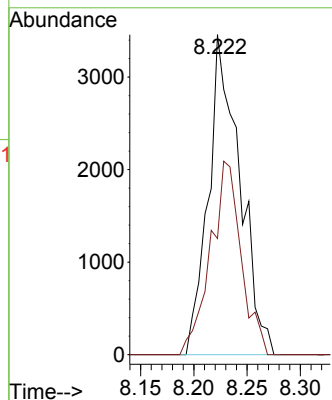
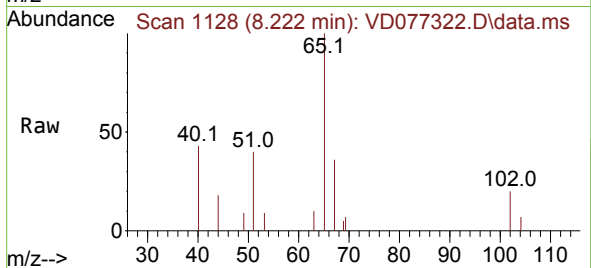
ClientSampleId :

Tgt Ion: 65 Resp: 7086

Ion Ratio Lower Upper

65 100

67 58.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

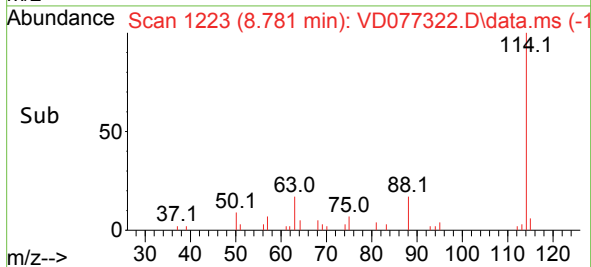
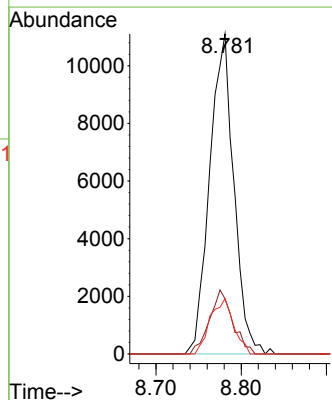
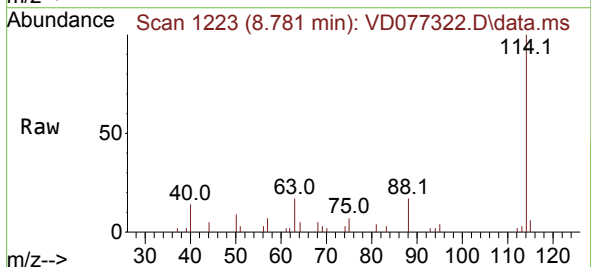
Tgt Ion: 114 Resp: 21890

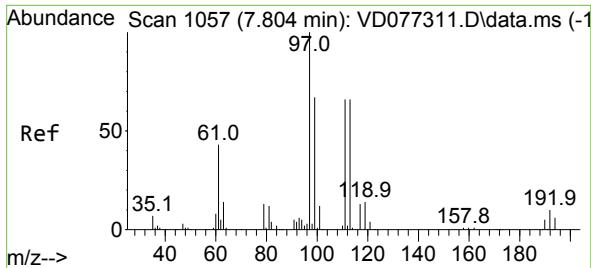
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

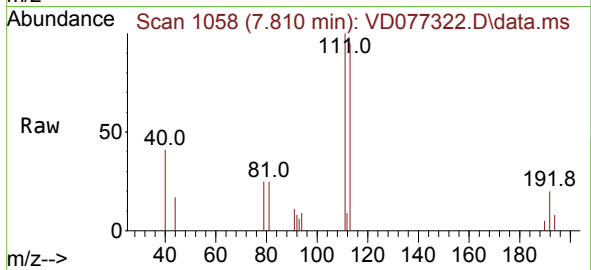
88 17.2 0.0 26.2



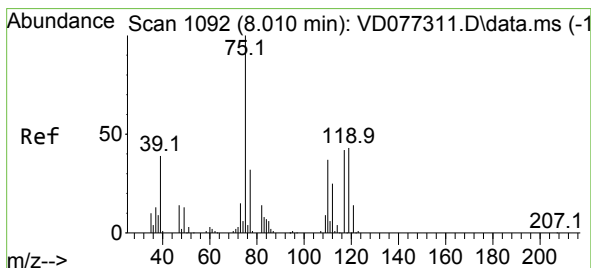
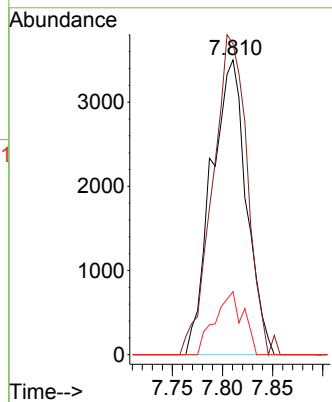
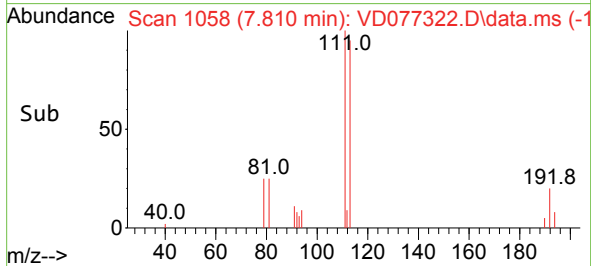


#35
Dibromofluoromethane
Concen: 74.850 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077322.D
Acq: 12 Oct 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

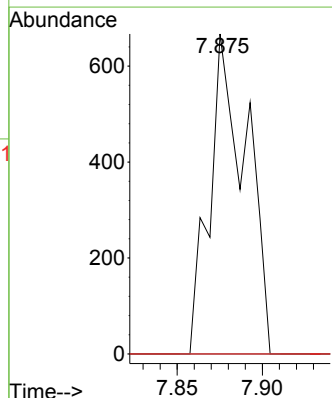
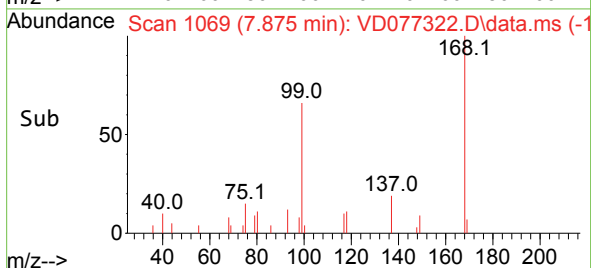
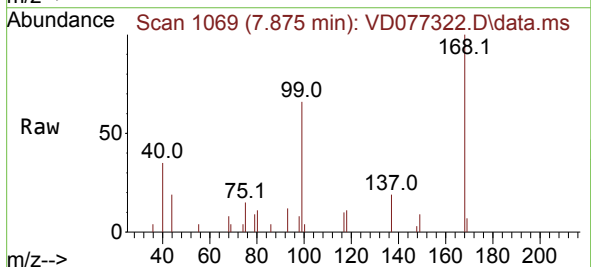


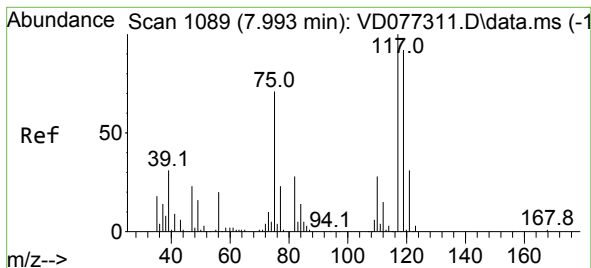
Tgt Ion:113 Resp: 8532
Ion Ratio Lower Upper
113 100
111 106.8 84.7 127.1
192 17.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD077322.D
Acq: 12 Oct 2023 17:37

Tgt Ion: 75 Resp: 1004
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.047 ug/l

RT: 7.881 min Scan# 1089

Delta R.T. -0.112 min

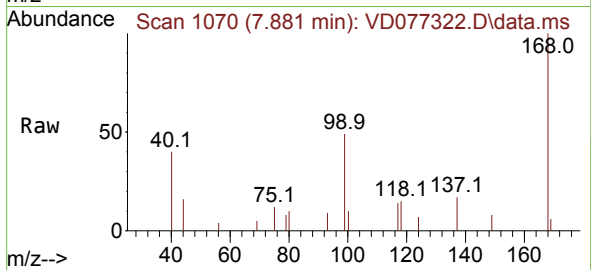
Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :



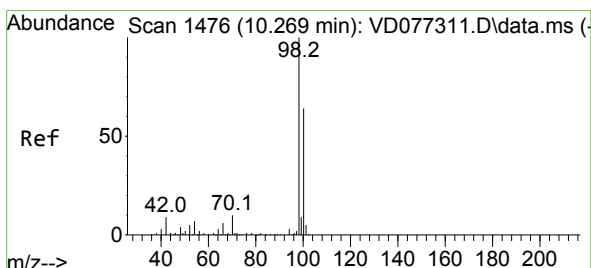
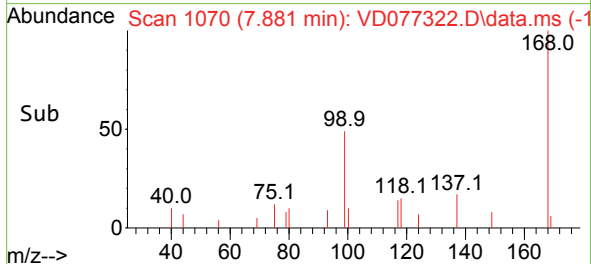
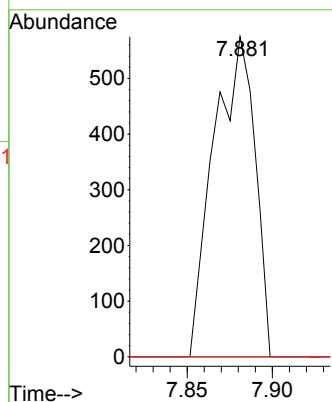
Tgt Ion:117 Resp: 968

Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 78.743 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD077322.D

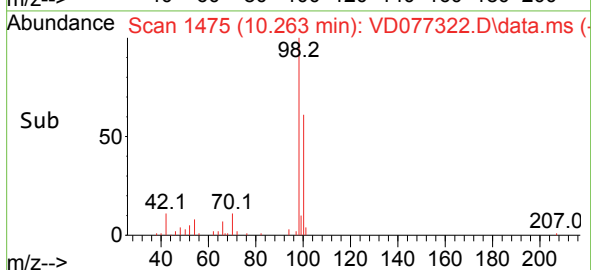
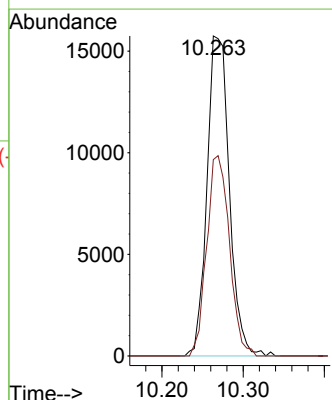
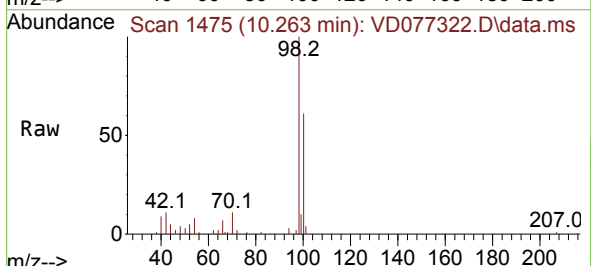
Acq: 12 Oct 2023 17:37

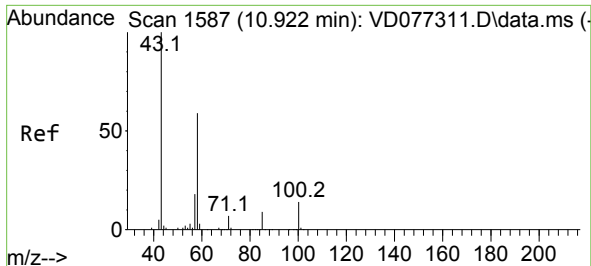
Tgt Ion: 98 Resp: 30097

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5





#59

2-Hexanone

Concen: 1.027 ug/l

RT: 10.840 min Scan# 11

Delta R.T. -0.082 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

Instrument :

MSVOA_D

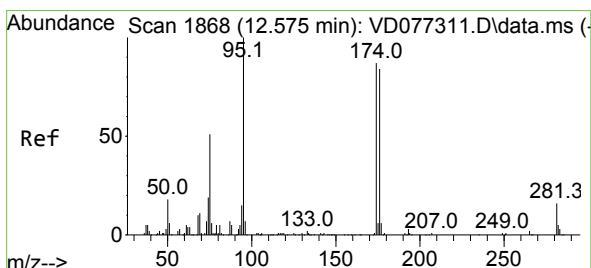
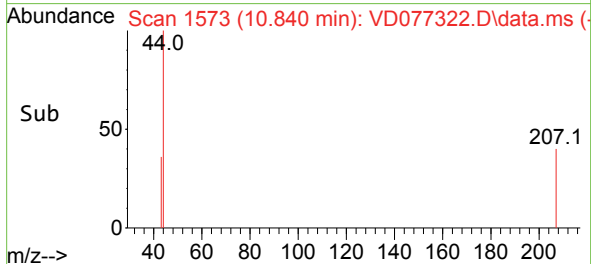
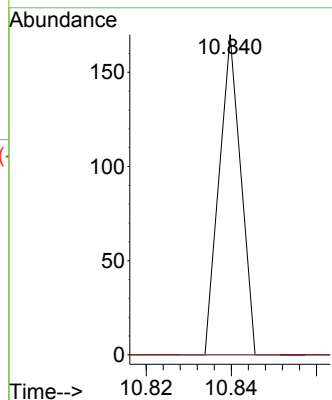
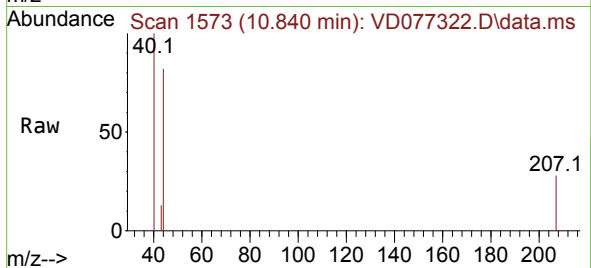
ClientSampleId :

Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

58 0.0 34.1 102.2#



#62

4-Bromofluorobenzene

Concen: 104.281 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

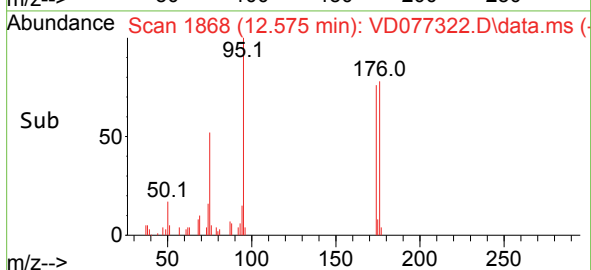
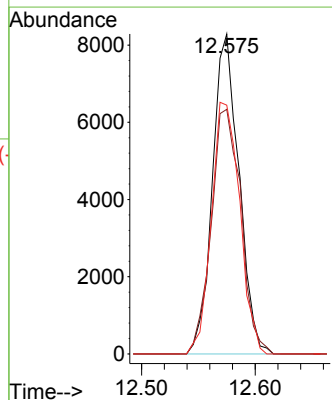
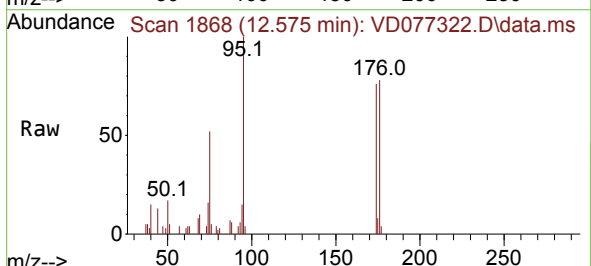
Tgt Ion: 95 Resp: 13387

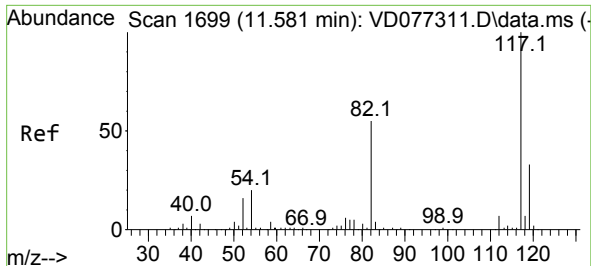
Ion Ratio Lower Upper

95 100

174 85.8 0.0 201.8

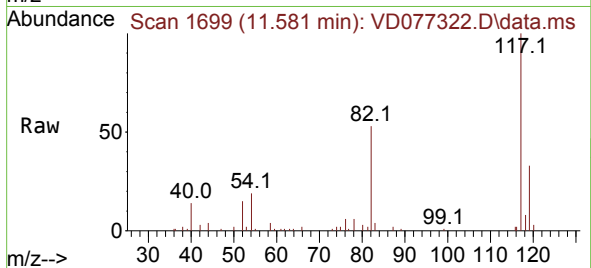
176 84.2 0.0 191.8



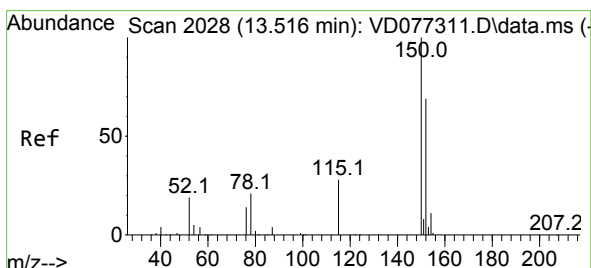
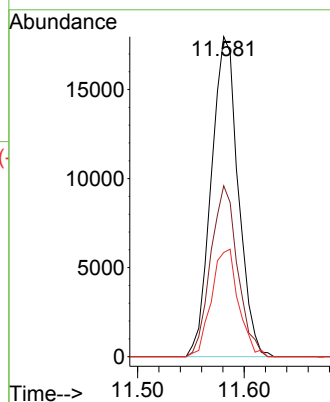
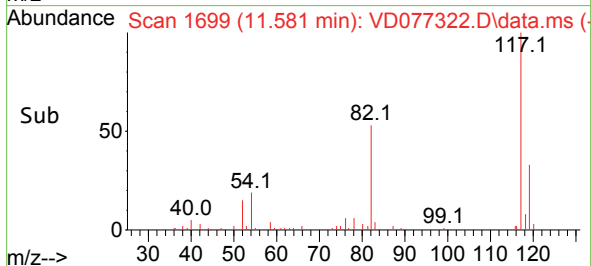


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077322.D
Acq: 12 Oct 2023 17:37

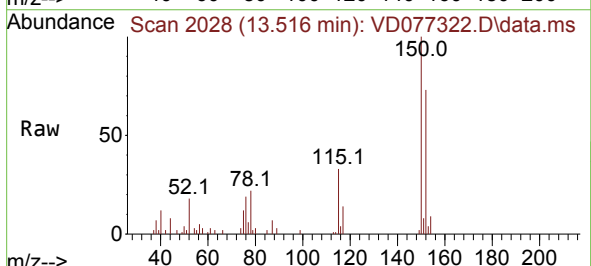
Instrument :
MSVOA_D
ClientSampleId :



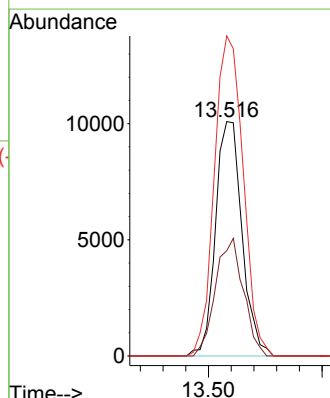
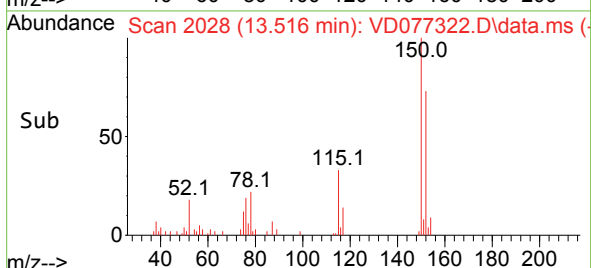
Tgt Ion:117 Resp: 31493
Ion Ratio Lower Upper
117 100
82 53.4 38.3 57.5
119 32.6 25.0 37.4

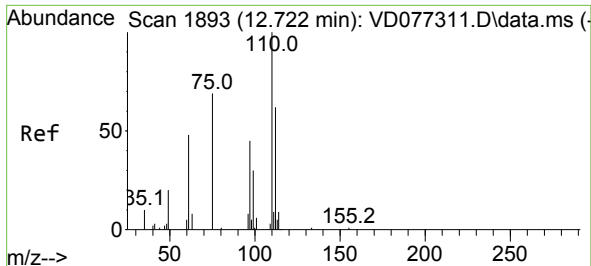


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077322.D
Acq: 12 Oct 2023 17:37



Tgt Ion:152 Resp: 16354
Ion Ratio Lower Upper
152 100
115 52.8 27.1 81.3
150 148.3 0.0 353.6

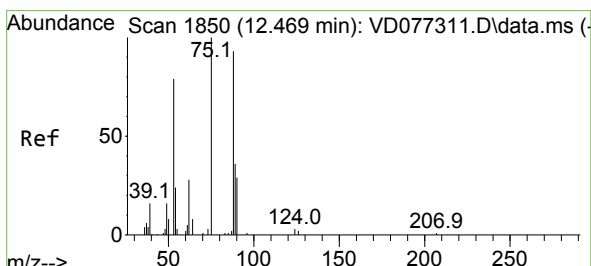
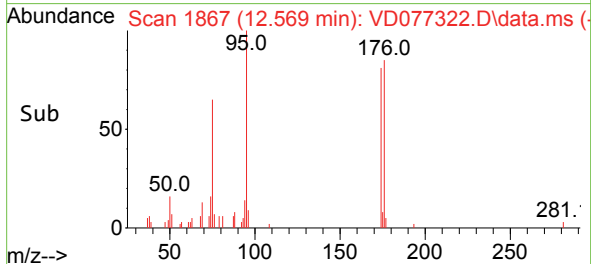
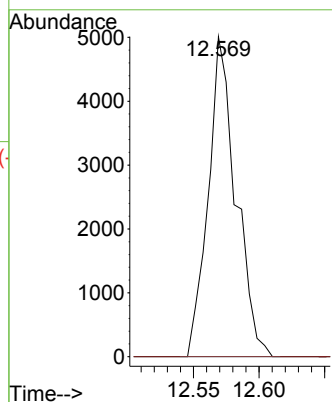
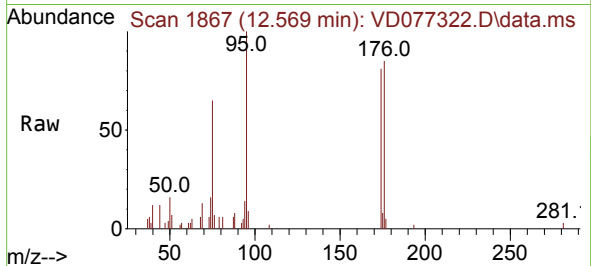




#76
1,2,3-Trichloropropane
Concen: 43.311 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD077322.D
Acq: 12 Oct 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 7337
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 96.800 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD077322.D
Acq: 12 Oct 2023 17:37

Tgt Ion: 75 Resp: 7337
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

