

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079761.D
 Acq On : 30 Aug 2024 18:05
 Operator : RP/MD
 Sample : P3799-03
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 31 04:47:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

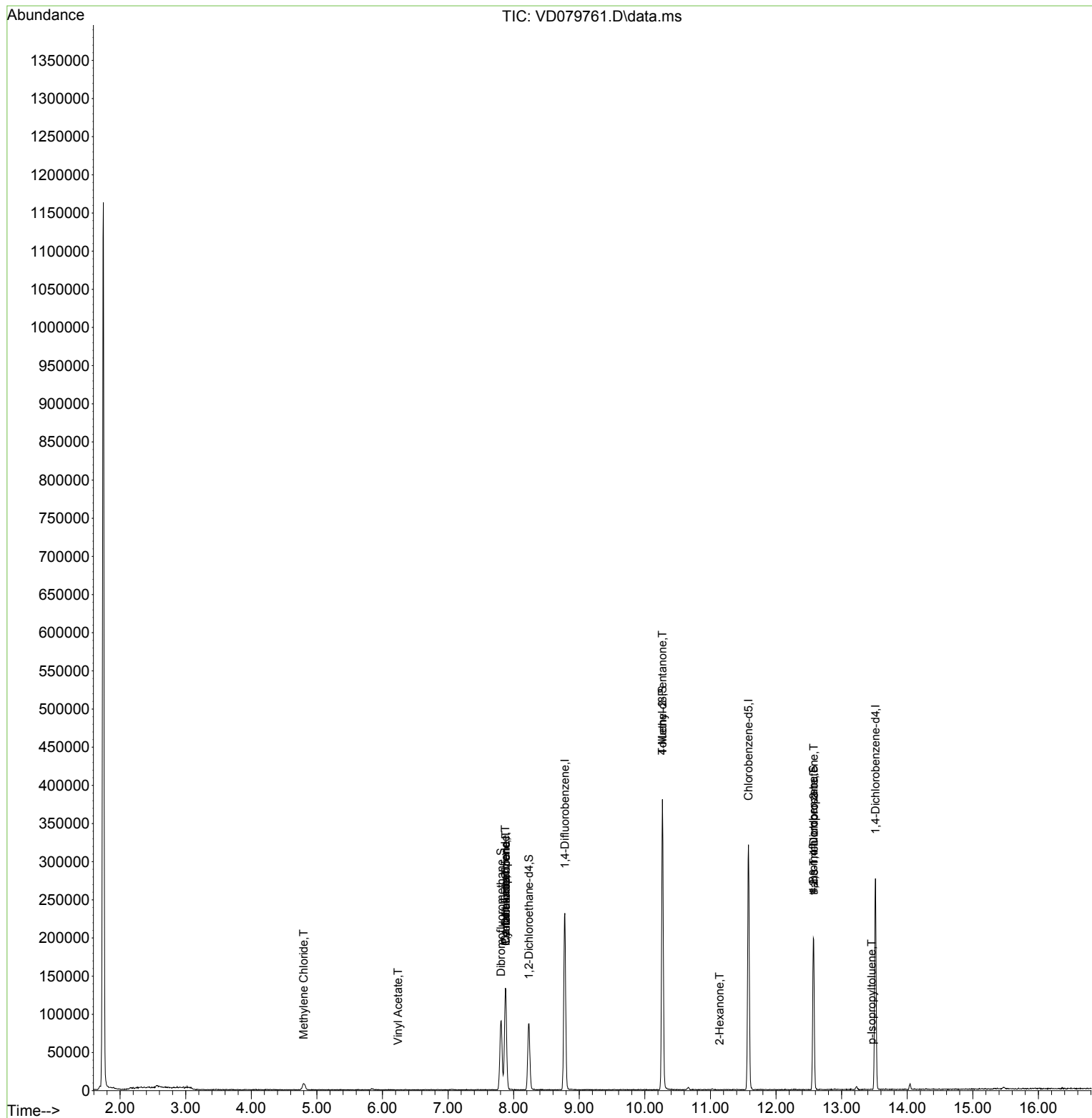
Internal Standards						
1) Pentafluorobenzene	7.881	168	95393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	204018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	71876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69593	53.506	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.020%			
35) Dibromofluoromethane	7.810	113	66985	50.513	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.020%			
50) Toluene-d8	10.269	98	262551	46.164	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.320%			
62) 4-Bromofluorobenzene	12.569	95	61089	38.388	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 76.780%			
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	6771	1.680	ug/l #	91
23) Vinyl Acetate	6.240	43	58	2.536	ug/l #	63
31) Cyclohexane	7.881	56	2612	1.201	ug/l #	36
36) 1,1-Dichloropropene	7.881	75	8866	4.511	ug/l #	48
38) Carbon Tetrachloride	7.875	117	10509	5.013	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	988	1.167	ug/l #	1
59) 2-Hexanone	11.140	43	55	20.310	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	33116	53.907	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	33116	89.911	ug/l #	19
86) p-Isopropyltoluene	13.457	119	65	3.755	ug/l #	51

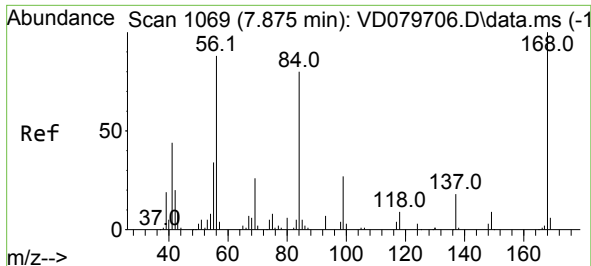
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD079761.D
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Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

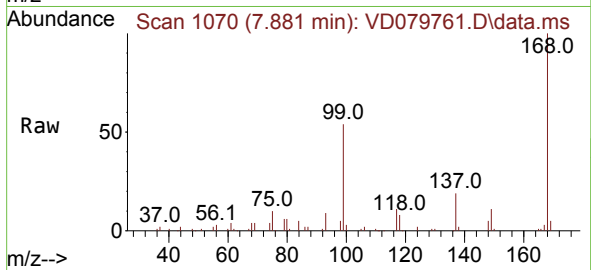
Quant Time: Aug 31 04:47:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration



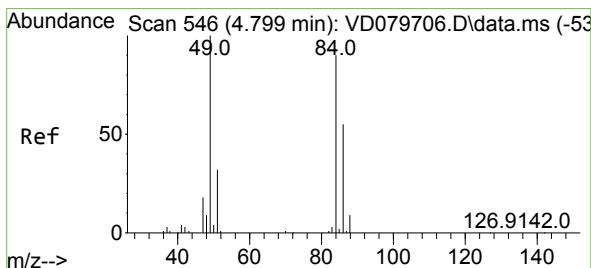
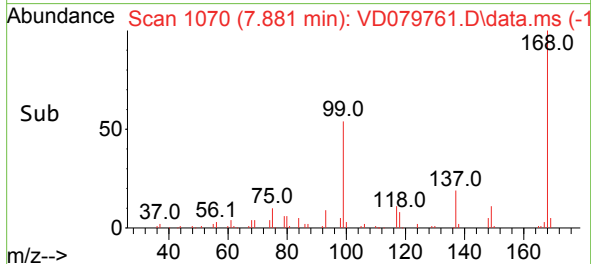
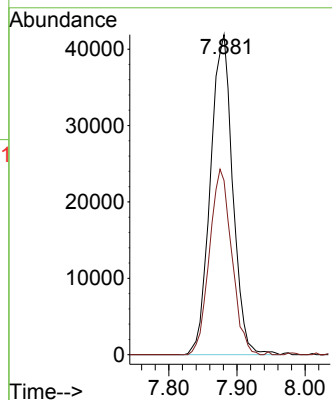


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079761.D
Acq: 30 Aug 2024 18:05

Instrument :
MSVOA_D
ClientSampleId :

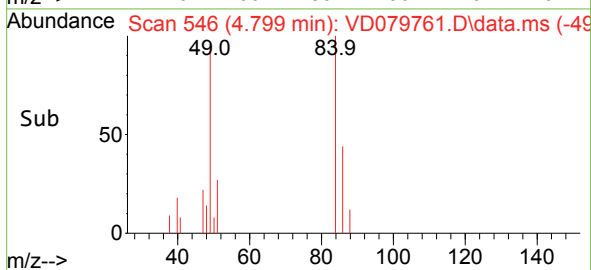
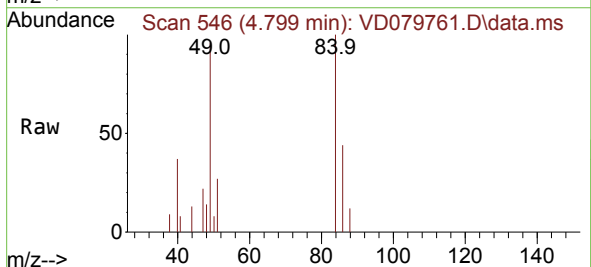
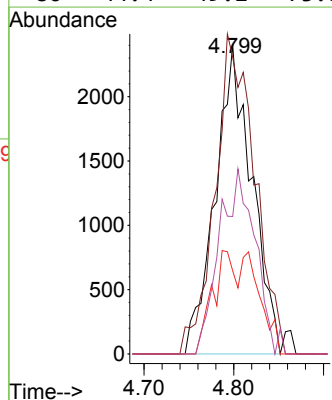


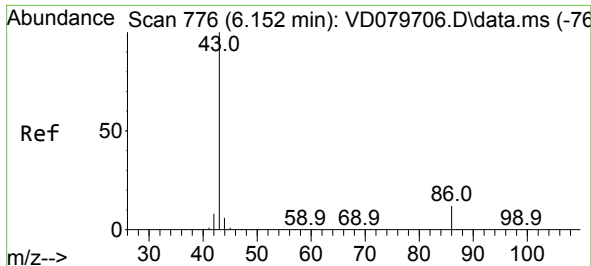
Tgt Ion:168 Resp: 95393
Ion Ratio Lower Upper
168 100
99 54.4 41.1 61.7



#20
Methylene Chloride
Concen: 1.680 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079761.D
Acq: 30 Aug 2024 18:05

Tgt Ion: 84 Resp: 6771
Ion Ratio Lower Upper
84 100
49 96.0 75.6 113.4
51 26.9 24.2 36.2
86 44.4 49.2 73.8#

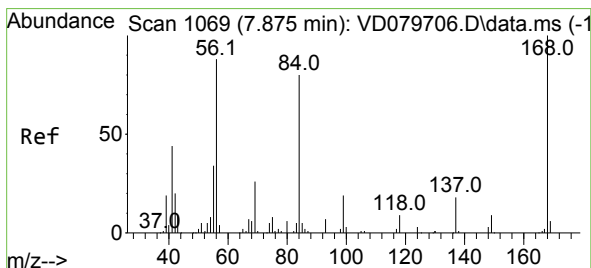
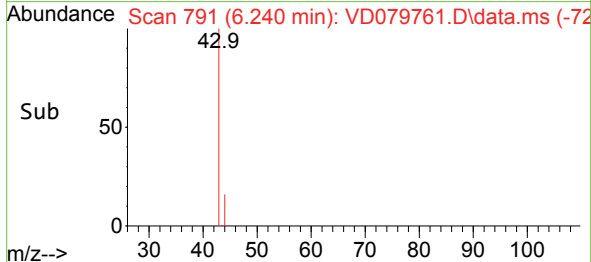
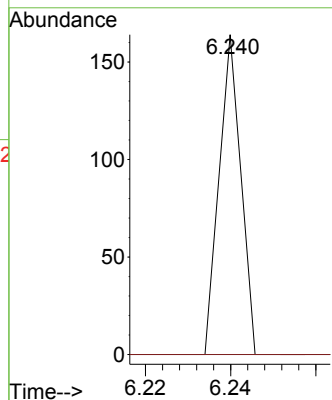
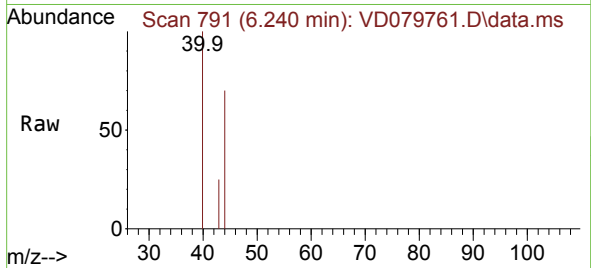




#23
 Vinyl Acetate
 Concen: 2.536 ug/l
 RT: 6.240 min Scan# 791
 Delta R.T. 0.088 min
 Lab File: VD079761.D
 Acq: 30 Aug 2024 18:05

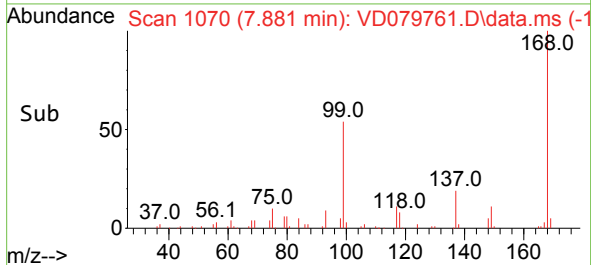
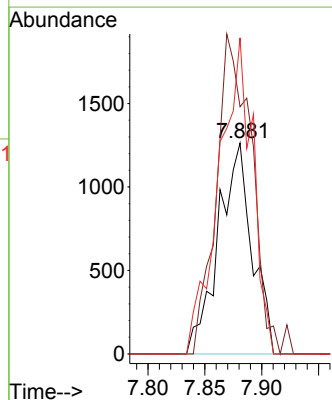
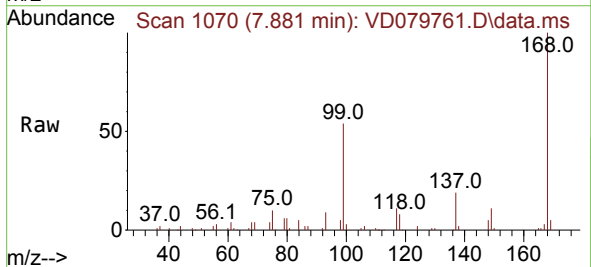
Instrument :
 MSVOA_D
 ClientSampleId :

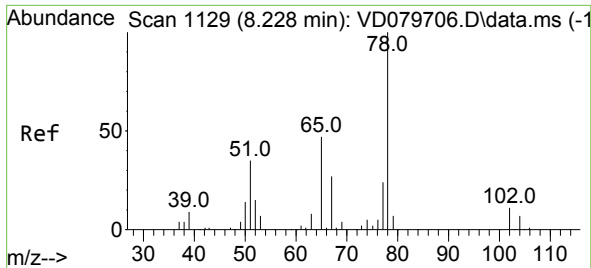
Tgt Ion: 43 Resp: 58
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.3 18.5#



#31
 Cyclohexane
 Concen: 1.201 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. 0.006 min
 Lab File: VD079761.D
 Acq: 30 Aug 2024 18:05

Tgt Ion: 56 Resp: 2612
 Ion Ratio Lower Upper
 56 100
 69 117.3 28.0 42.0#
 84 150.0 87.4 131.0#

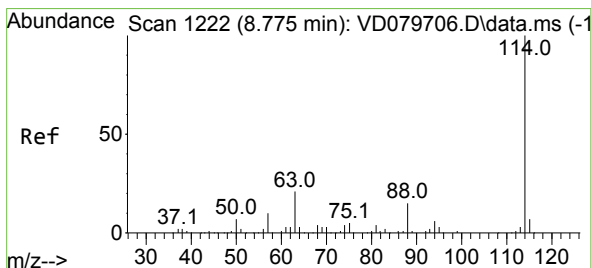
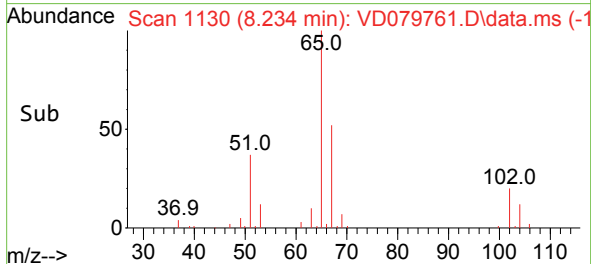
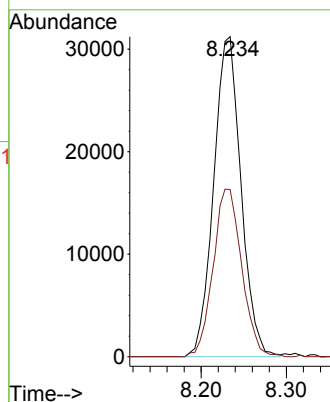
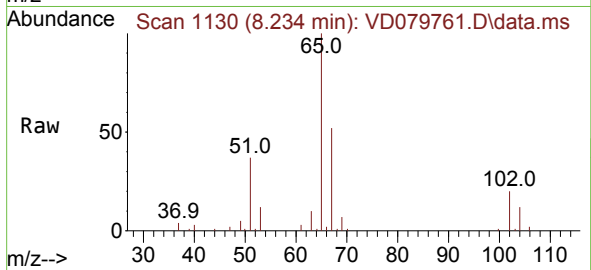




#33
 1,2-Dichloroethane-d4
 Concen: 53.506 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD079761.D
 Acq: 30 Aug 2024 18:05

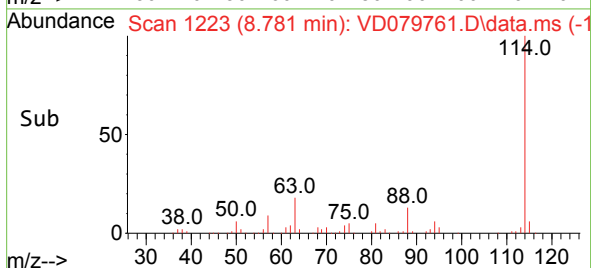
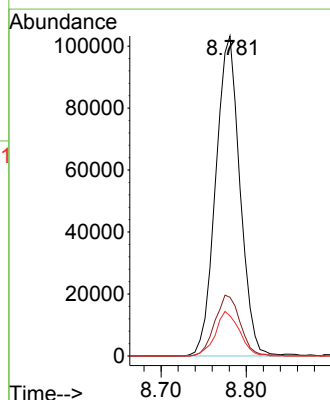
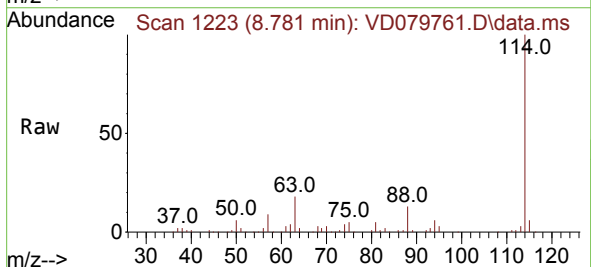
Instrument :
 MSVOA_D
 ClientSampleId :

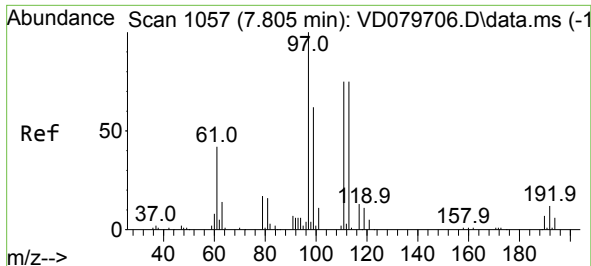
Tgt Ion: 65 Resp: 69593
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD079761.D
 Acq: 30 Aug 2024 18:05

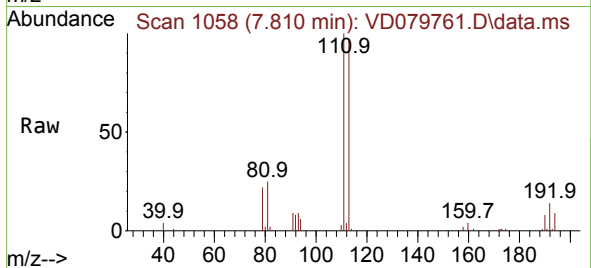
Tgt Ion: 114 Resp: 204018
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.0
 88 12.6 0.0 27.2



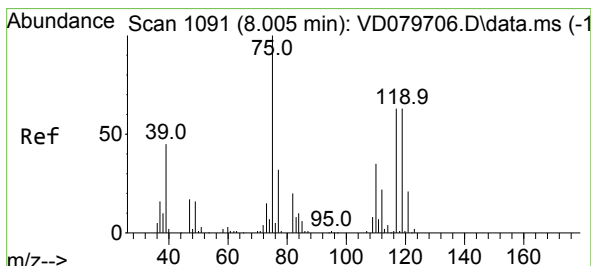
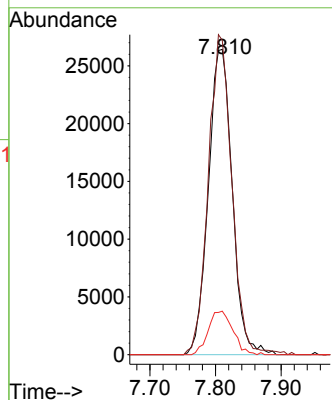
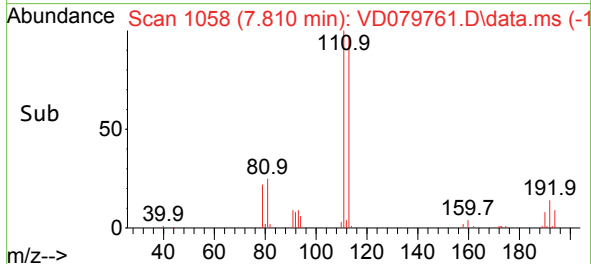


#35
Dibromofluoromethane
Concen: 50.513 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD079761.D
Acq: 30 Aug 2024 18:05

Instrument :
MSVOA_D
ClientSampleId :

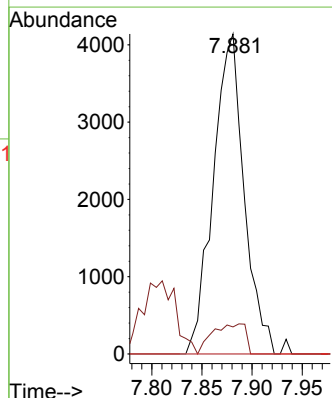
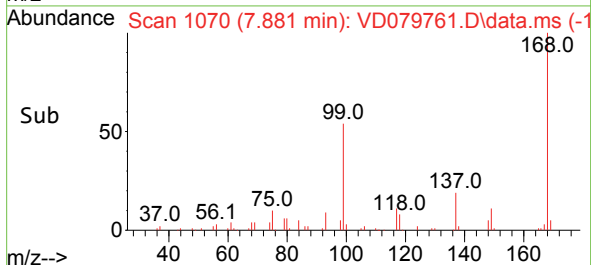
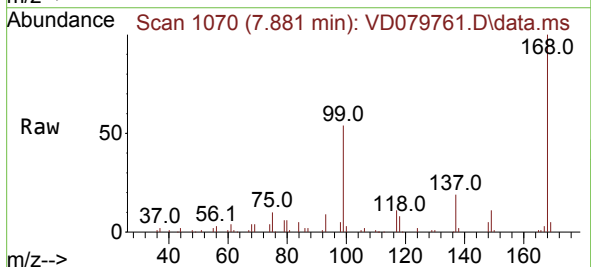


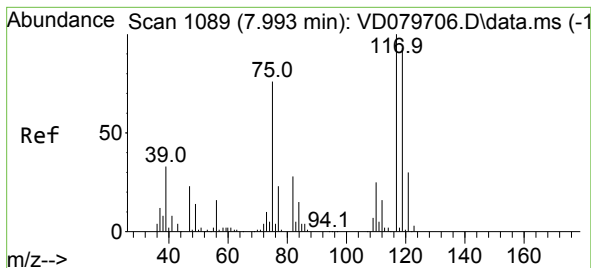
Tgt Ion:113 Resp: 66985
Ion Ratio Lower Upper
113 100
111 103.1 84.0 126.0
192 14.6 15.4 23.0#



#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD079761.D
Acq: 30 Aug 2024 18:05

Tgt Ion: 75 Resp: 8866
Ion Ratio Lower Upper
75 100
110 10.1 19.6 58.7#
77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 5.013 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

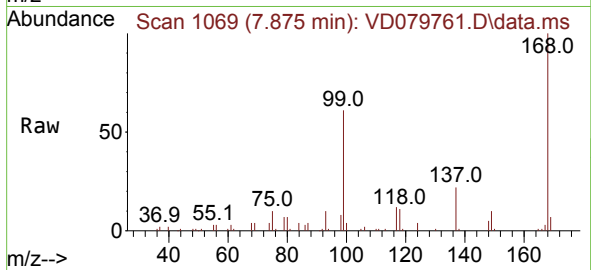
Lab File: VD079761.D

Acq: 30 Aug 2024 18:05

Instrument :

MSVOA_D

ClientSampleId :



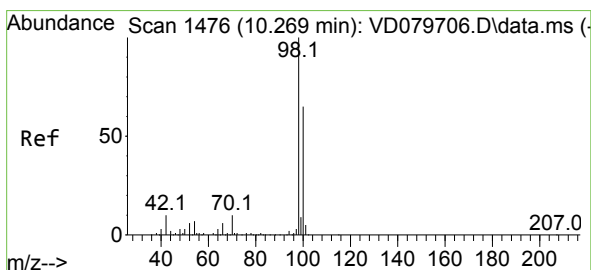
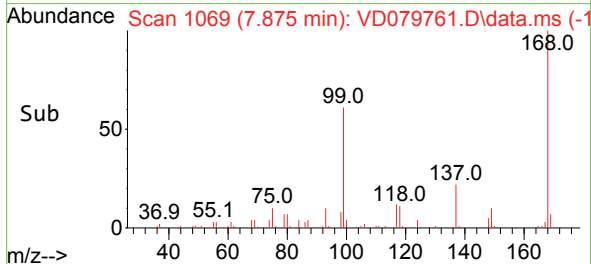
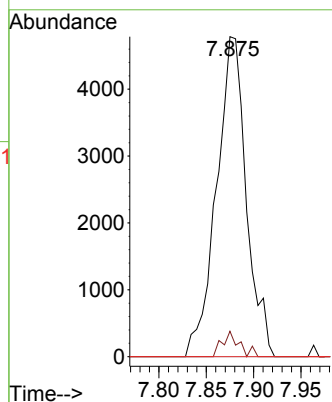
Tgt Ion:117 Resp: 10509

Ion Ratio Lower Upper

117 100

119 7.9 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 46.164 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079761.D

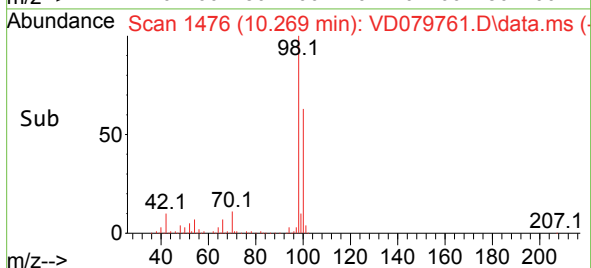
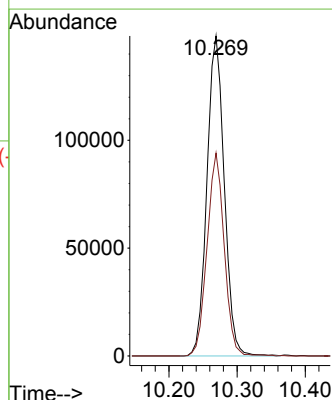
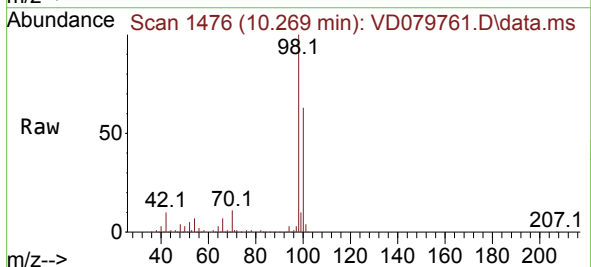
Acq: 30 Aug 2024 18:05

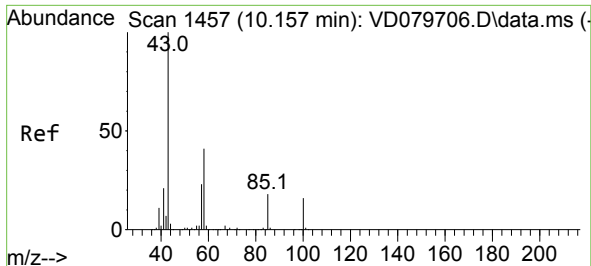
Tgt Ion: 98 Resp: 262551

Ion Ratio Lower Upper

98 100

100 62.8 51.6 77.4

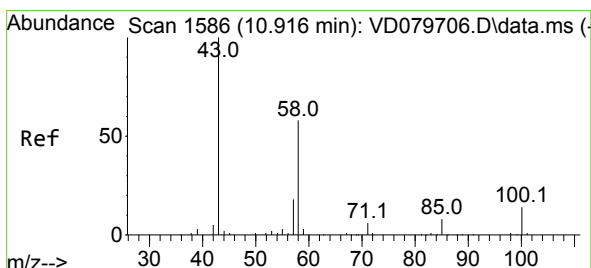
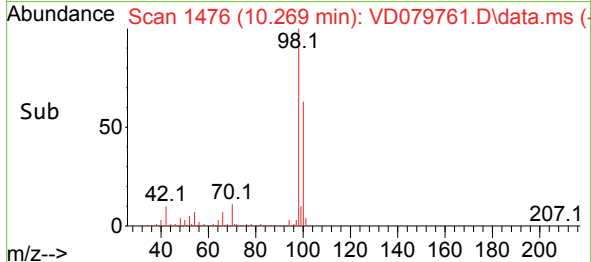
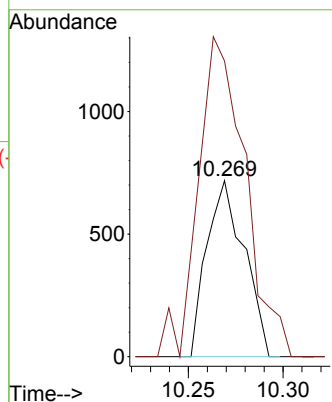
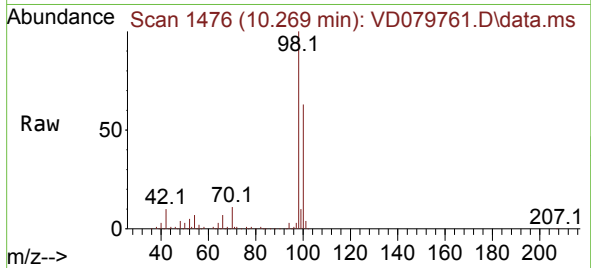




#51
4-Methyl-2-Pentanone
Concen: 1.167 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD079761.D
Acq: 30 Aug 2024 18:05

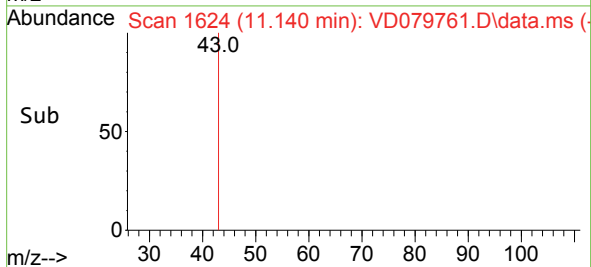
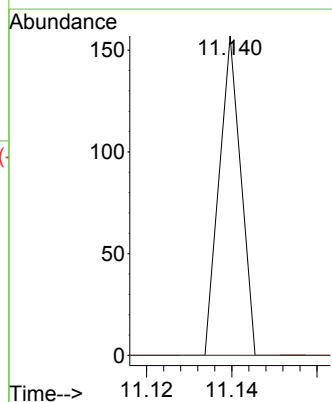
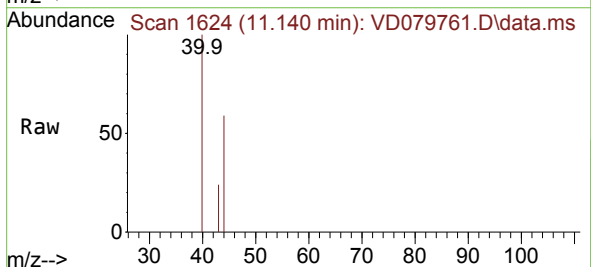
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MSVOA_D
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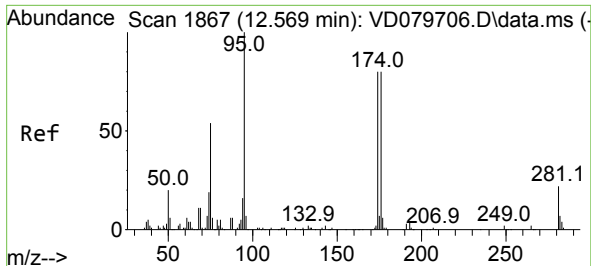
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 228.1 36.6 55.0#



#59
2-Hexanone
Concen: 20.310 ug/l
RT: 11.140 min Scan# 1624
Delta R.T. 0.224 min
Lab File: VD079761.D
Acq: 30 Aug 2024 18:05

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

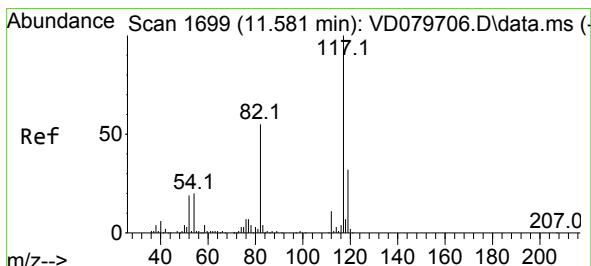
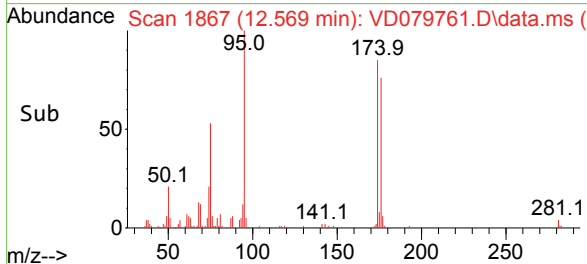
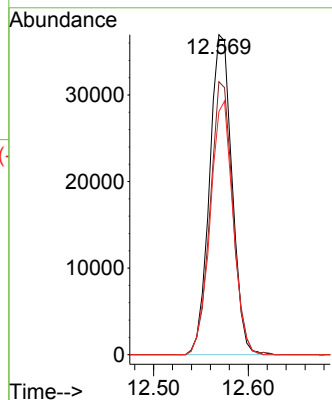
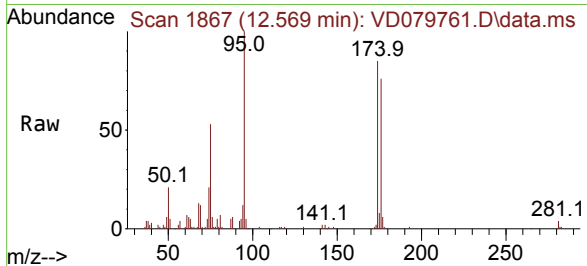




#62
4-Bromofluorobenzene
Concen: 38.388 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079761.D
Acq: 30 Aug 2024 18:05

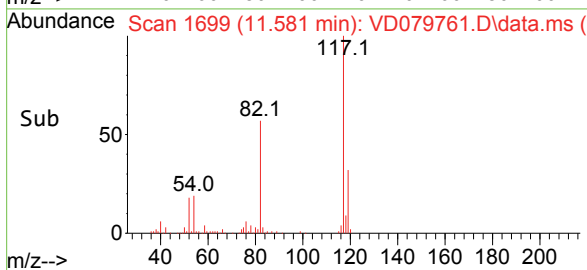
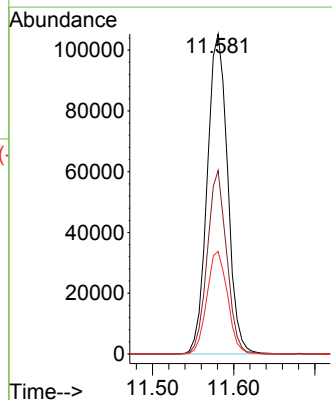
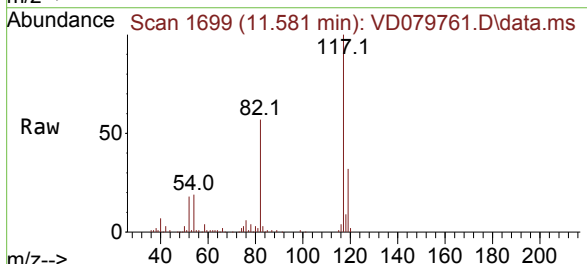
Instrument :
MSVOA_D
ClientSampleId :

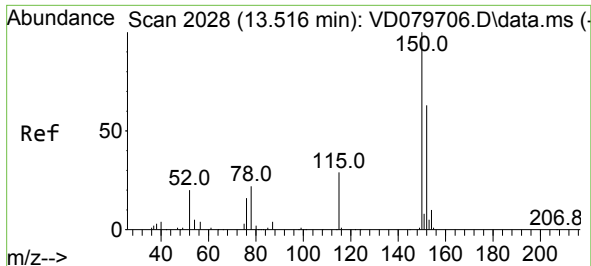
Tgt Ion: 95 Resp: 61089
Ion Ratio Lower Upper
95 100
174 85.8 0.0 195.4
176 80.5 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079761.D
Acq: 30 Aug 2024 18:05

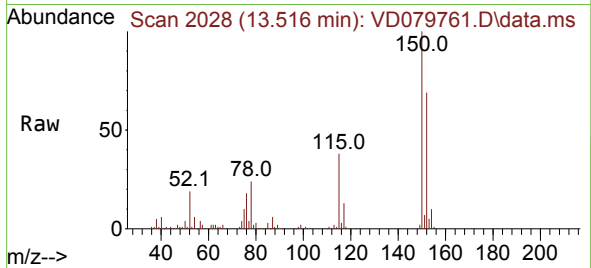
Tgt Ion: 117 Resp: 183467
Ion Ratio Lower Upper
117 100
82 57.3 39.8 59.6
119 32.0 25.7 38.5



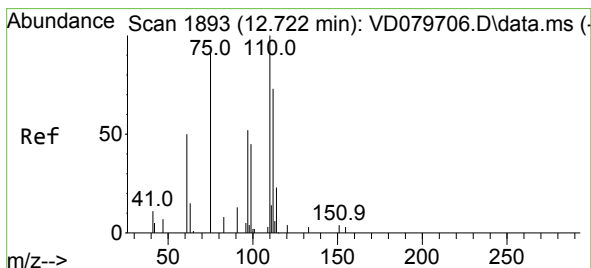
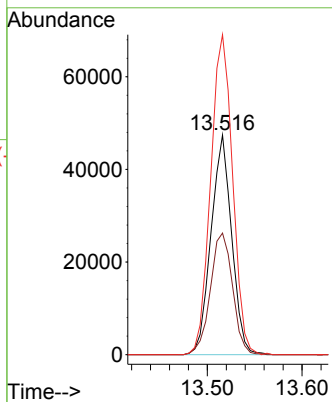
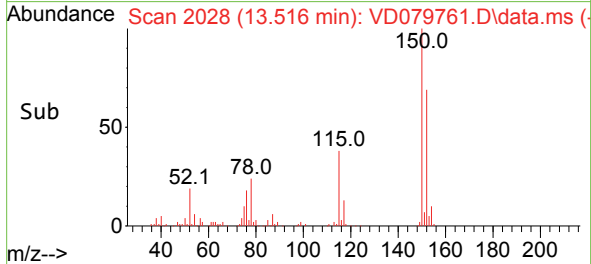


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079761.D
 Acq: 30 Aug 2024 18:05

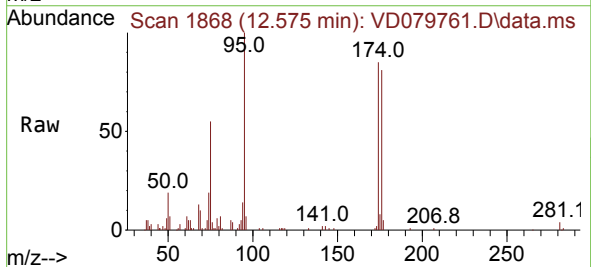
Instrument :
 MSVOA_D
 ClientSampleId :



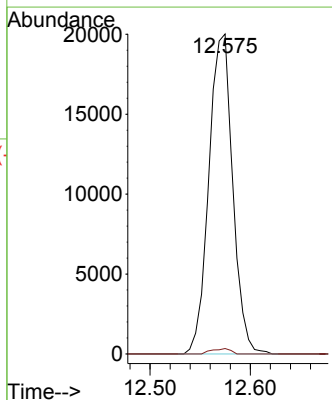
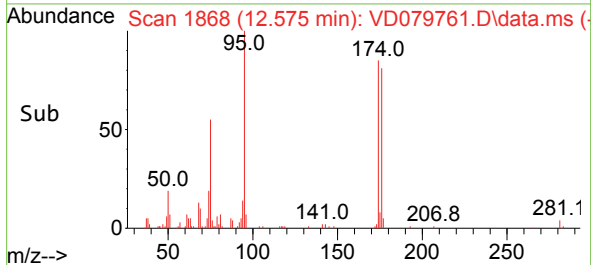
Tgt Ion:152 Resp: 71876
 Ion Ratio Lower Upper
 152 100
 115 59.4 26.5 79.5
 150 154.3 0.0 341.6

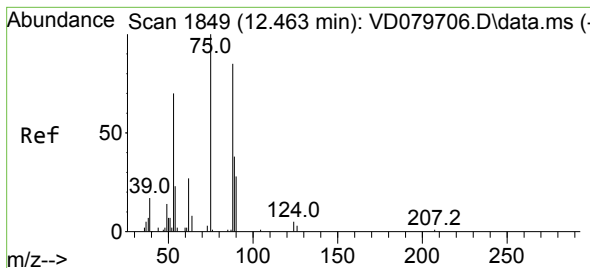


#76
 1,2,3-Trichloropropane
 Concen: 53.907 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD079761.D
 Acq: 30 Aug 2024 18:05



Tgt Ion: 75 Resp: 33116
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

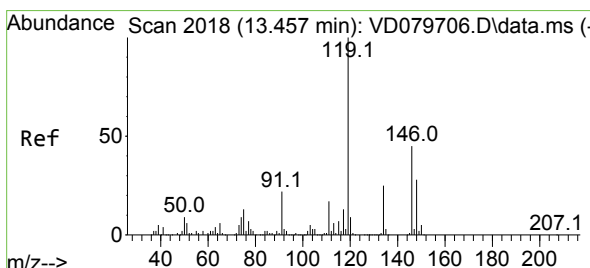
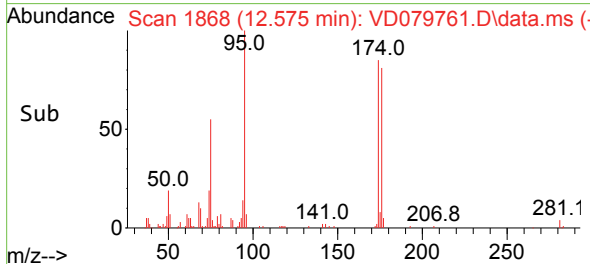
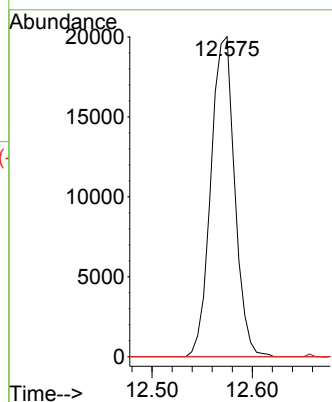
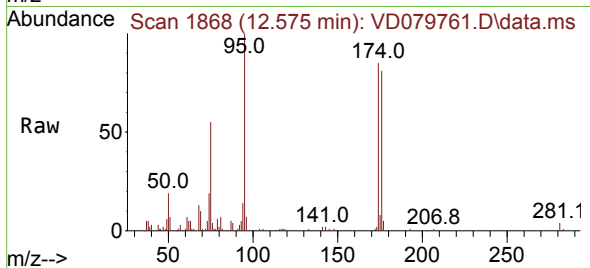




#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.911 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.112 min
 Lab File: VD079761.D
 Acq: 30 Aug 2024 18:05

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 33116
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.4 92.2#
 89 0.0 35.4 53.0#



#86
 p-Isopropyltoluene
 Concen: 3.755 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079761.D
 Acq: 30 Aug 2024 18:05

Tgt Ion: 119 Resp: 65
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.7 41.1#
 91 0.0 10.7 32.1#

