

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079359.D
 Acq On : 09 Jul 2024 13:53
 Operator : RP/MD
 Sample : VD0709SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0709SBL01

Quant Time: Jul 09 16:53:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

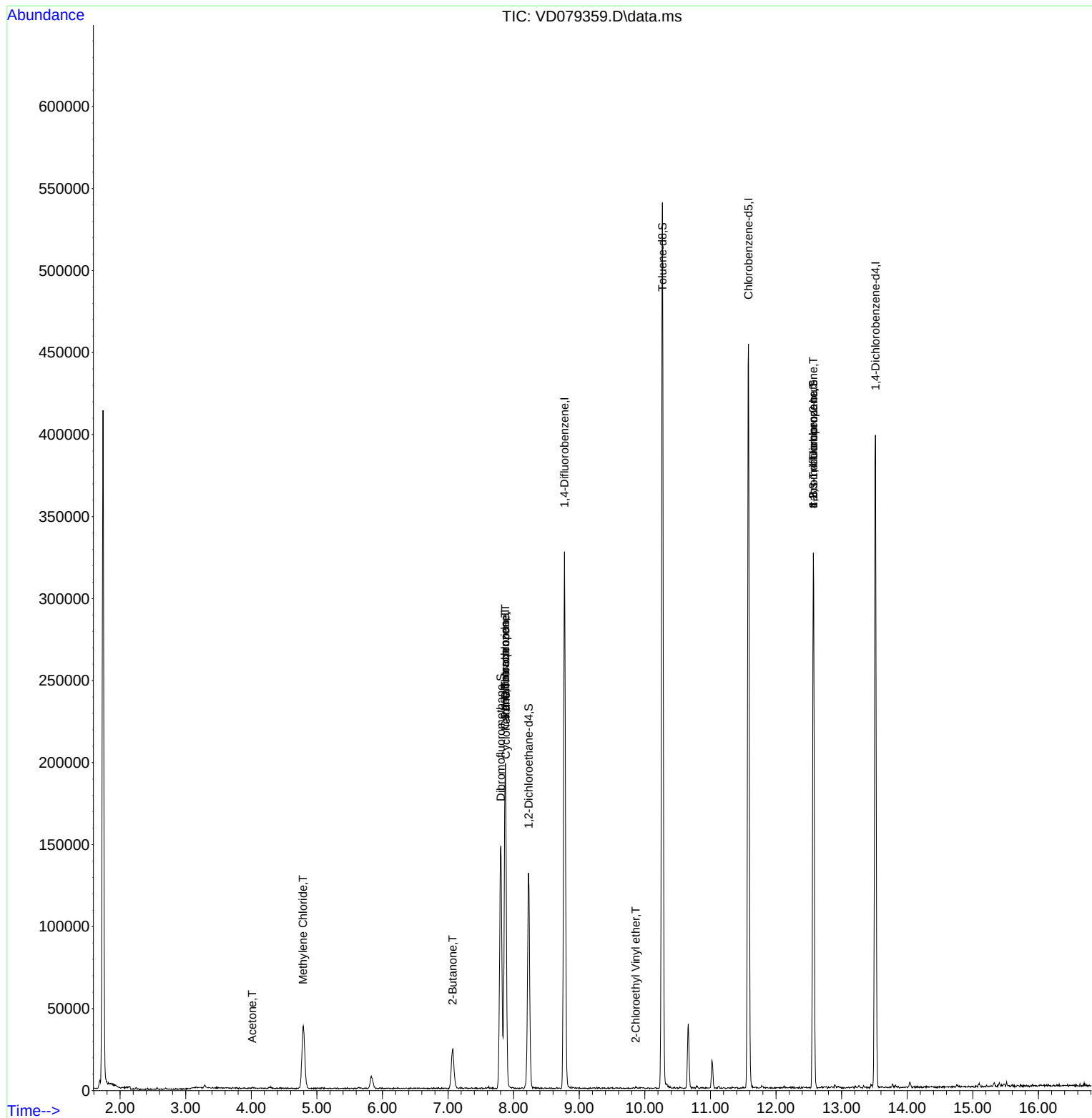
Internal Standards						
1) Pentafluorobenzene	7.875	168	146753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	291945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	275225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99777	57.695	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.380%			
35) Dibromofluoromethane	7.804	113	111212	53.997	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.000%			
50) Toluene-d8	10.269	98	394891	49.738	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.569	95	110300	44.698	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.400%			
Target Compounds						
5) Bromomethane	2.687	94	457	Below Cal		88
16) Acetone	4.016	43	1024	3.113 ug/l #		37
20) Methylene Chloride	4.787	84	31330	4.519 ug/l		96
25) 2-Butanone	7.069	43	1034	2.213 ug/l #		42
31) Cyclohexane	7.881	56	3289	1.258 ug/l #		40
36) 1,1-Dichloropropene	7.875	75	12503	4.779 ug/l #		42
38) Carbon Tetrachloride	7.869	117	15687	5.696 ug/l #		16
58) 2-Chloroethyl Vinyl ether	9.863	63	719	10.200 ug/l #		42
76) 1,2,3-Trichloropropane	12.569	75	52556	49.367 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.569	75	52556	93.078 ug/l #		19

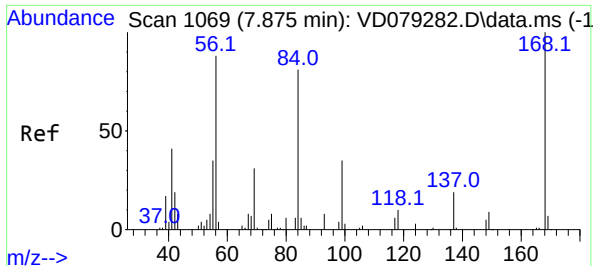
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
Data File : VD079359.D
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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0709SBL01

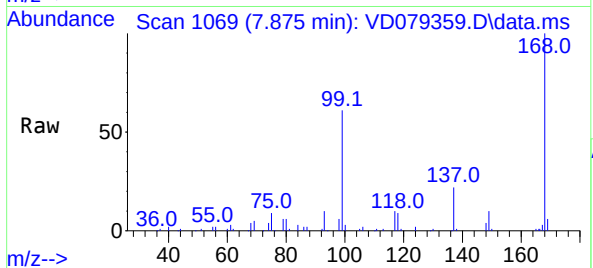
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 17:06:59 2024
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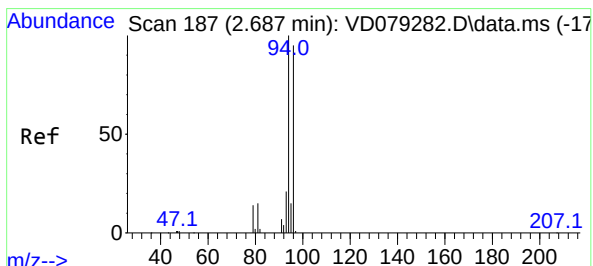
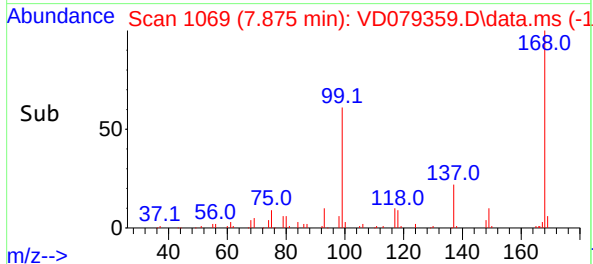
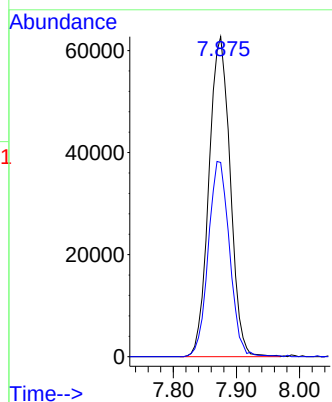


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Instrument :
MSVOA_D
ClientSampleId :
VD0709SBL01

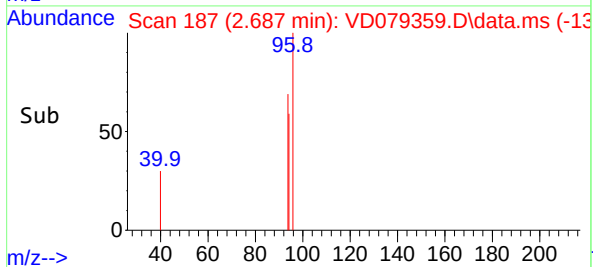
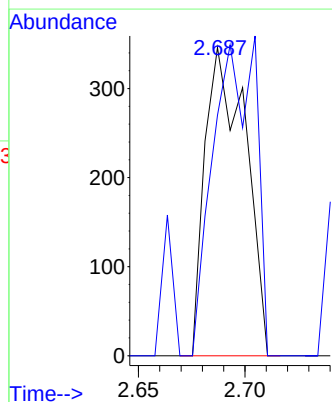
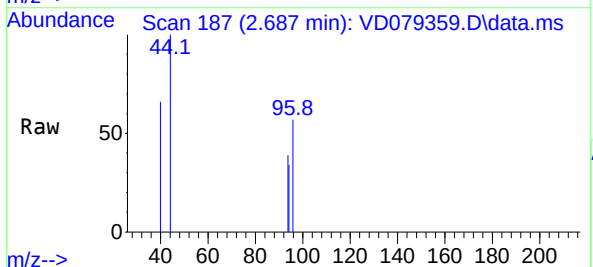


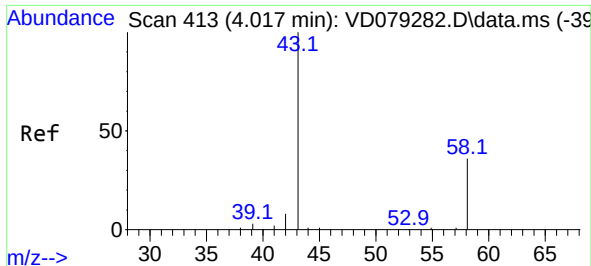
Tgt Ion:168 Resp: 146753
Ion Ratio Lower Upper
168 100
99 60.7 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. 0.029 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Tgt Ion: 94 Resp: 457
Ion Ratio Lower Upper
94 100
96 107.4 76.9 115.3

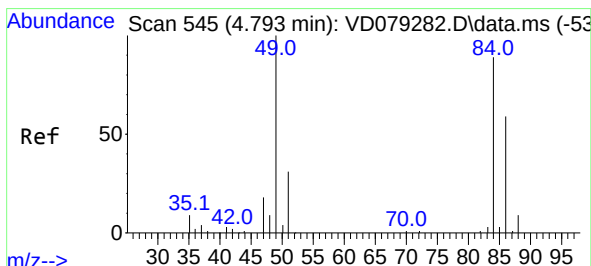
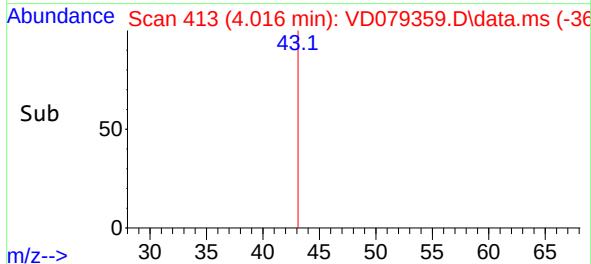
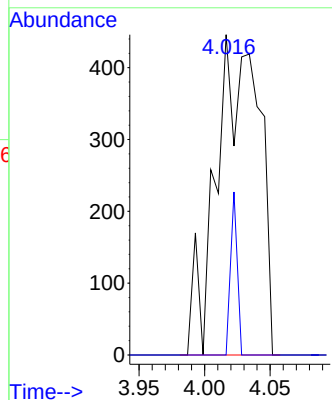
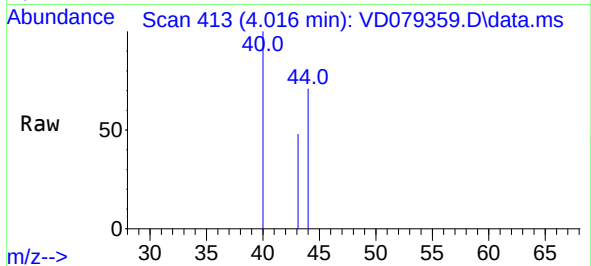




#16
Acetone
Concen: 3.113 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

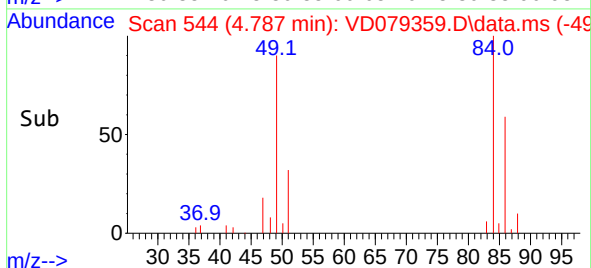
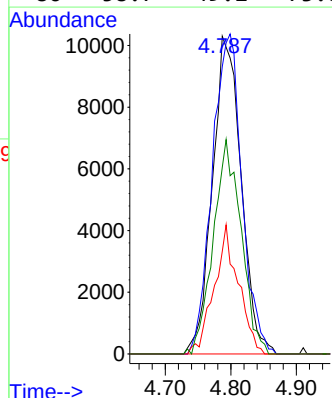
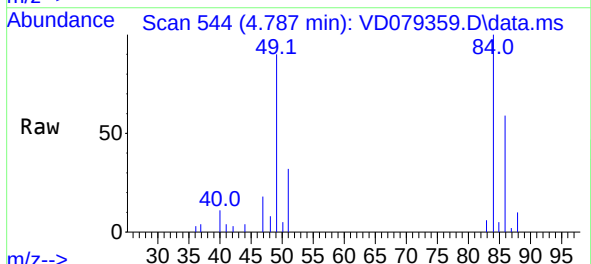
Instrument :
MSVOA_D
ClientSampleId :
VD0709SBL01

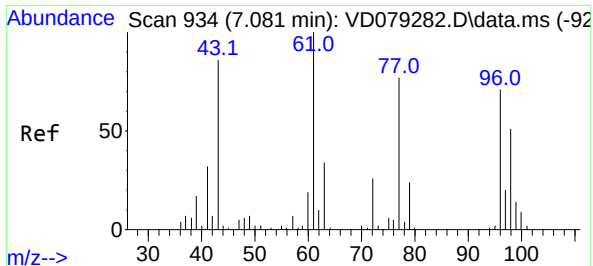
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#20
Methylene Chloride
Concen: 4.519 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Tgt Ion: 84 Resp: 31330
Ion Ratio Lower Upper
84 100
49 90.4 75.6 113.4
51 32.3 24.2 36.2
86 58.7 49.2 73.8

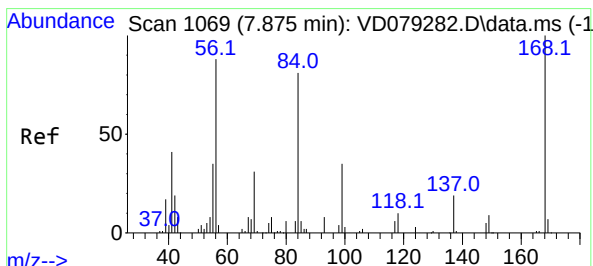
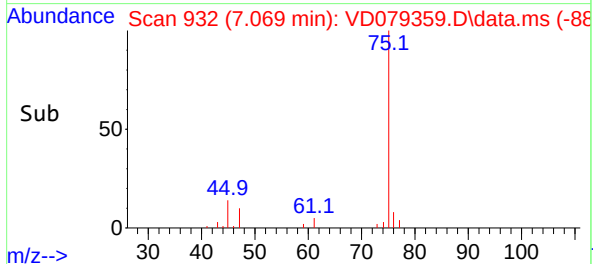
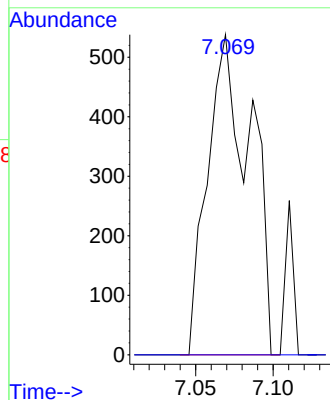
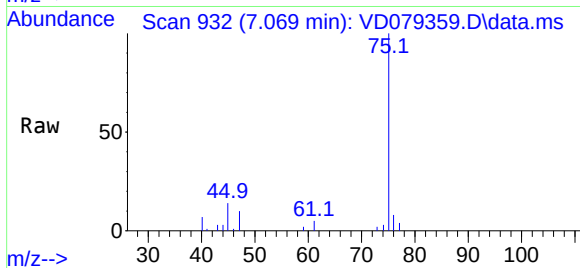




#25
2-Butanone
Concen: 2.213 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

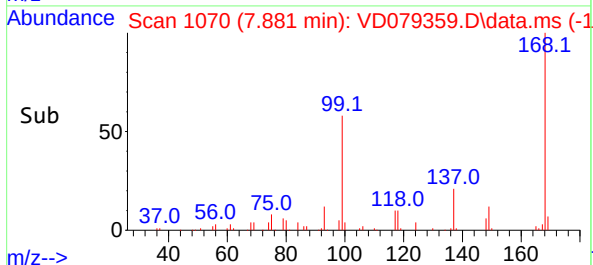
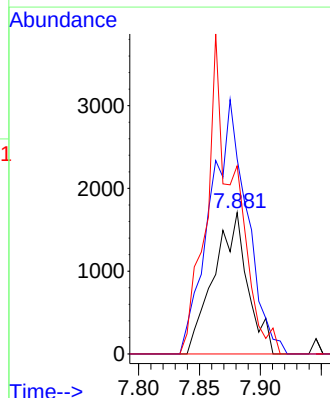
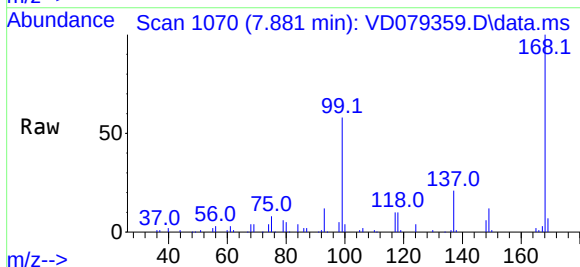
Instrument :
MSVOA_D
ClientSampleId :
VD0709SBL01

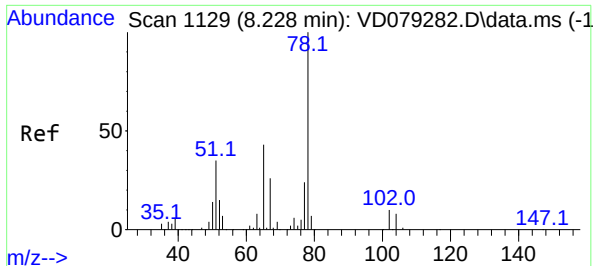
Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Tgt Ion: 56 Resp: 3289
Ion Ratio Lower Upper
56 100
69 137.9 28.0 42.0#
84 133.1 87.4 131.0#

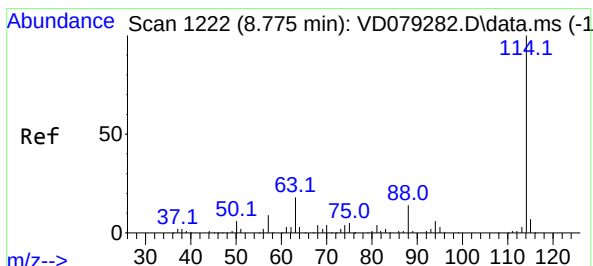
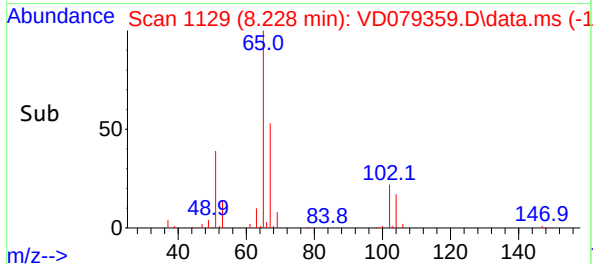
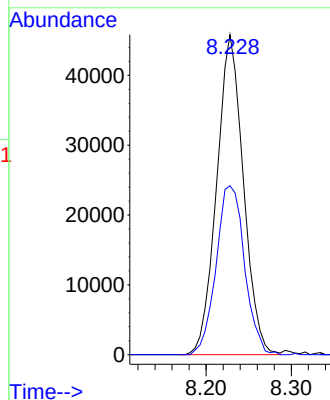
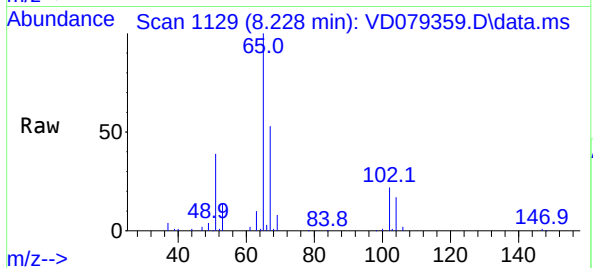




#33
1,2-Dichloroethane-d4
Concen: 57.695 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

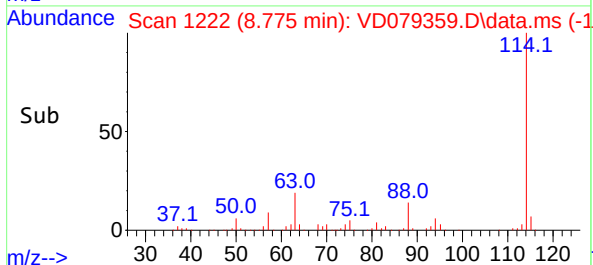
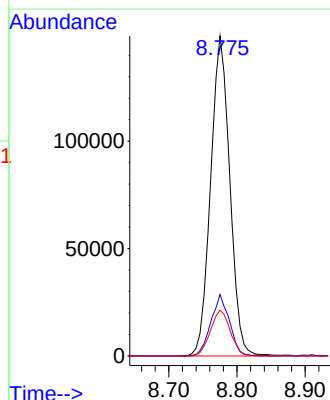
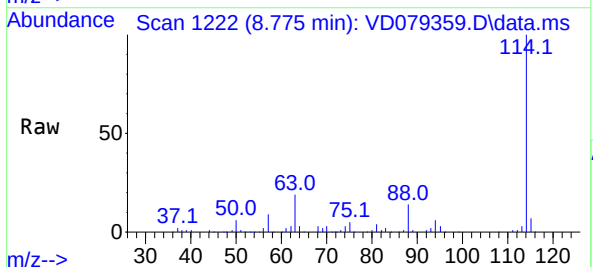
Instrument :
MSVOA_D
ClientSampleId :
VD0709SBL01

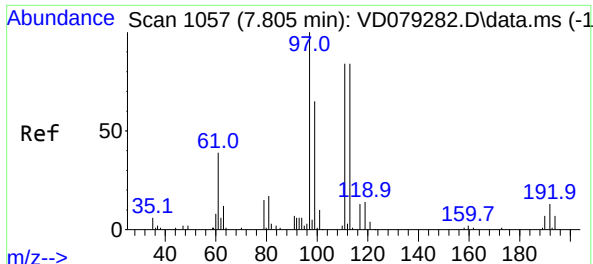
Tgt Ion: 65 Resp: 99777
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Tgt Ion: 114 Resp: 291945
Ion Ratio Lower Upper
114 100
63 19.2 0.0 34.0
88 14.3 0.0 27.2

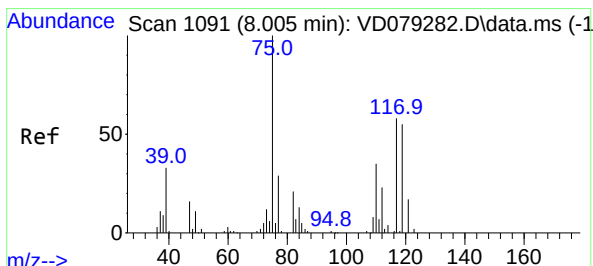
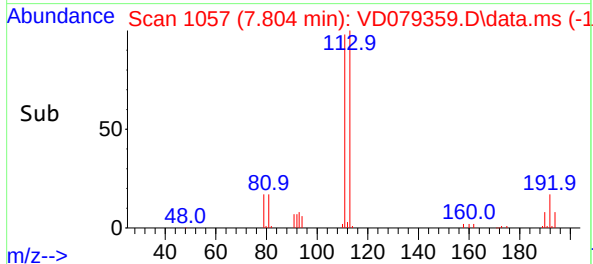
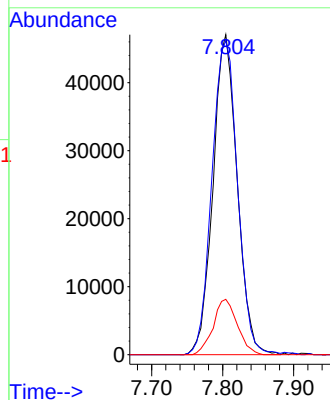
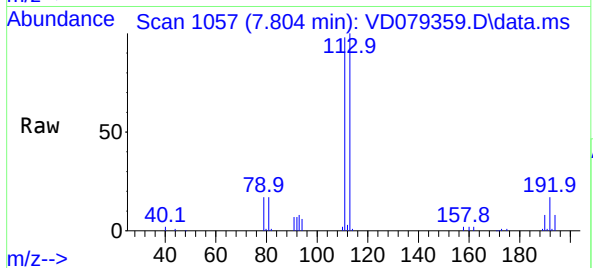




#35
Dibromofluoromethane
Concen: 53.997 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

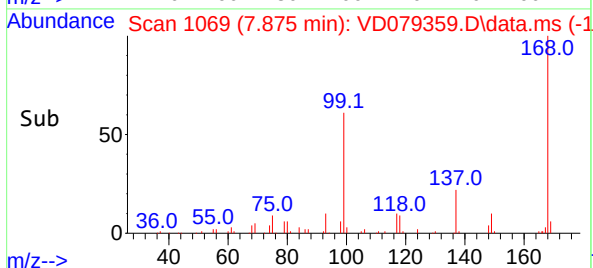
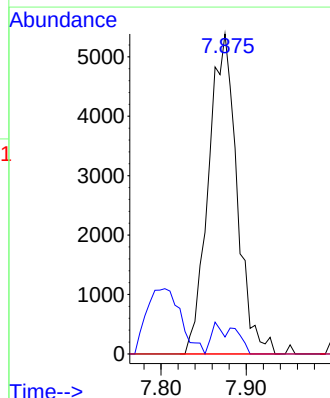
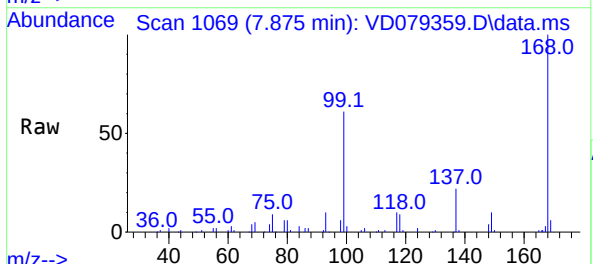
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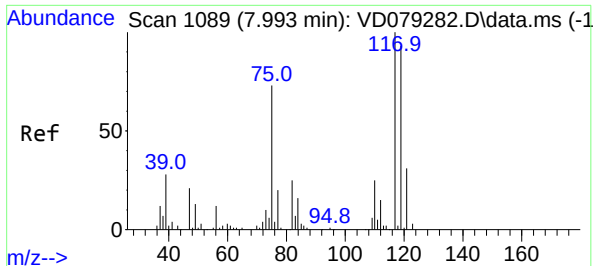
Tgt Ion:113 Resp: 111212
Ion Ratio Lower Upper
113 100
111 103.7 84.0 126.0
192 17.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

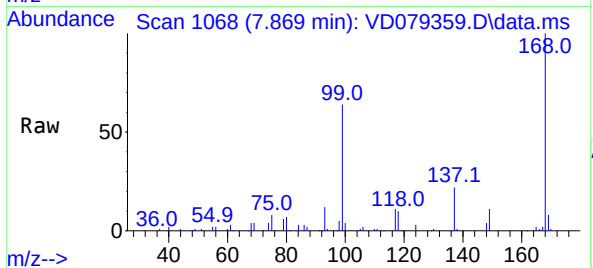
Tgt Ion: 75 Resp: 12503
Ion Ratio Lower Upper
75 100
110 4.2 19.6 58.7#
77 0.0 26.1 39.1#



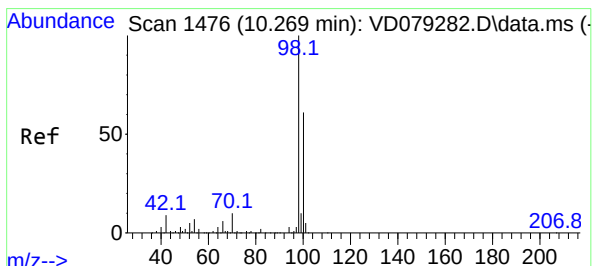
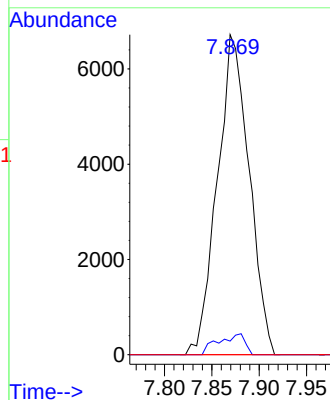
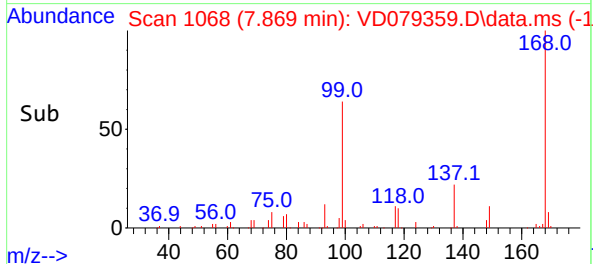


#38
Carbon Tetrachloride
Concen: 5.696 ug/l
RT: 7.869 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Instrument :
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VD0709SBL01

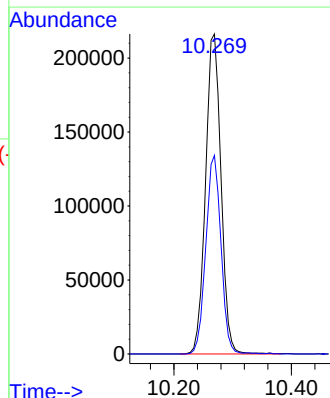
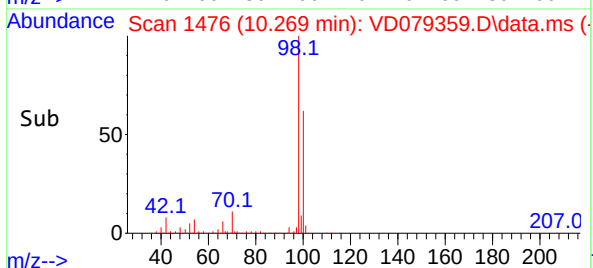
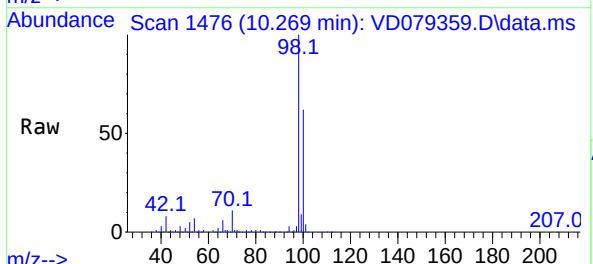


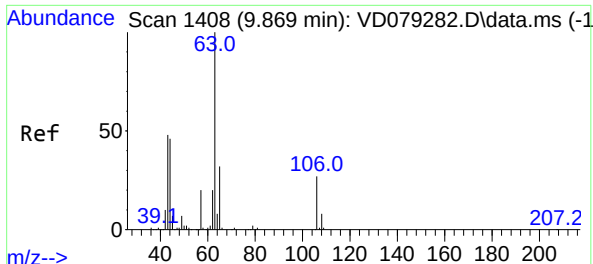
Tgt Ion:117 Resp: 15687
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.738 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Tgt Ion: 98 Resp: 394891
Ion Ratio Lower Upper
98 100
100 60.9 51.6 77.4

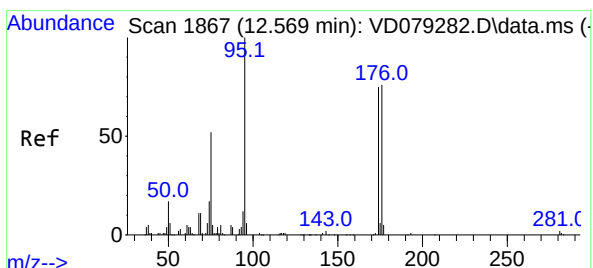
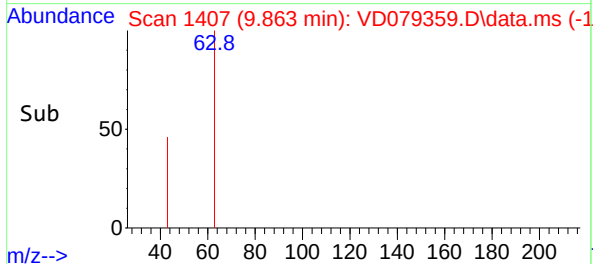
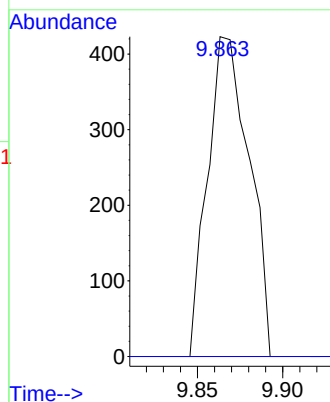
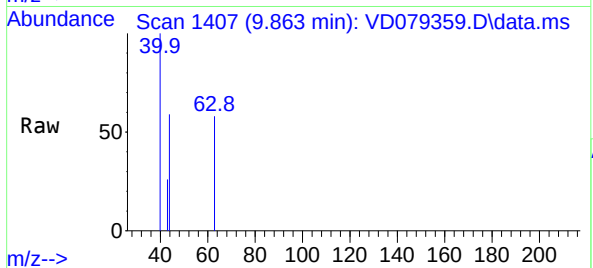




#58
2-Chloroethyl Vinyl ether
Concen: 10.200 ug/l
RT: 9.863 min Scan# 1408
Delta R.T. -0.006 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

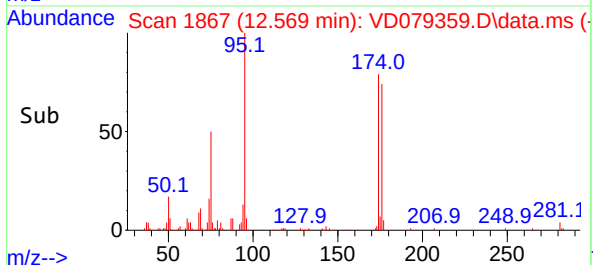
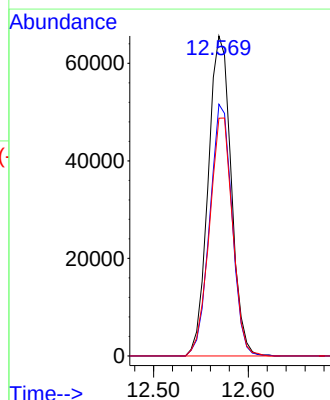
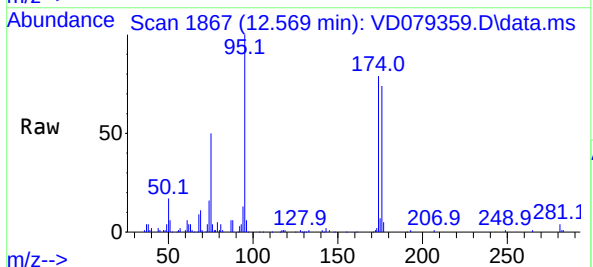
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VD0709SBL01

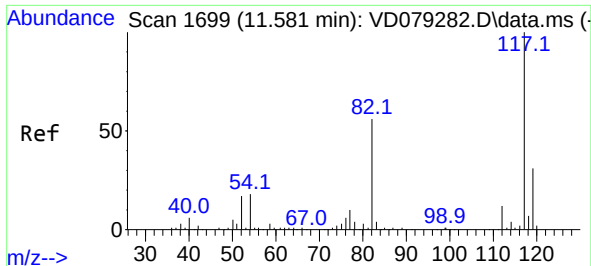
Tgt Ion: 63 Resp: 719
Ion Ratio Lower Upper
63 100
106 0.0 26.4 39.6#



#62
4-Bromofluorobenzene
Concen: 44.698 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Tgt Ion: 95 Resp: 110300
Ion Ratio Lower Upper
95 100
174 76.4 0.0 195.4
176 74.9 0.0 192.6

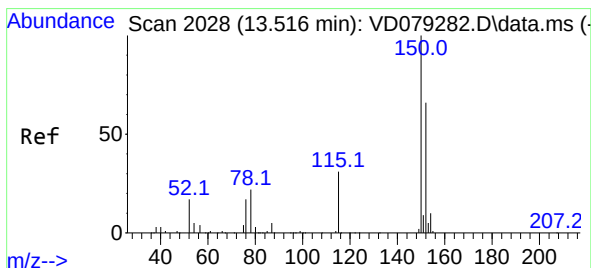
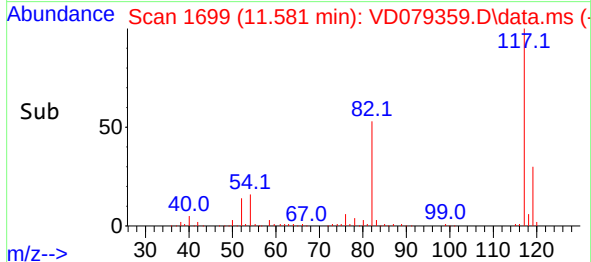
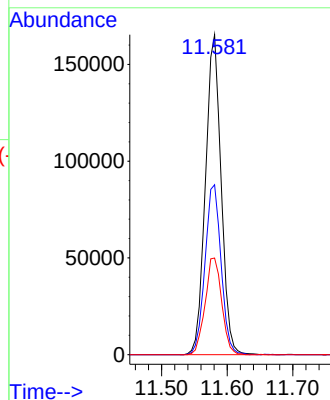
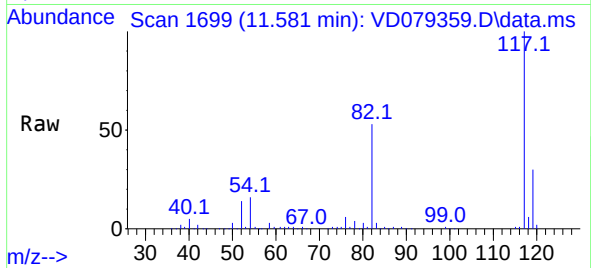




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

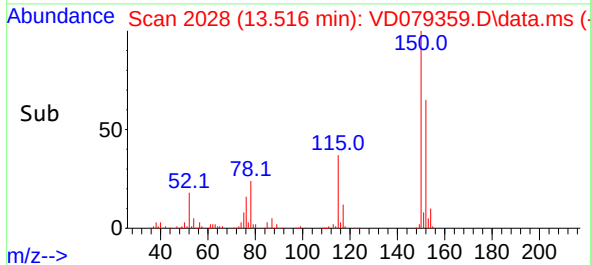
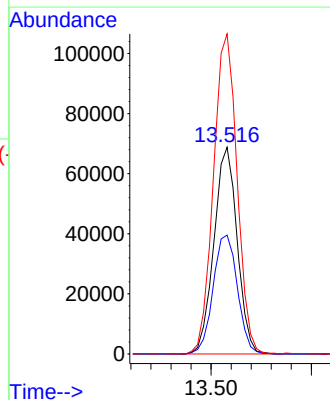
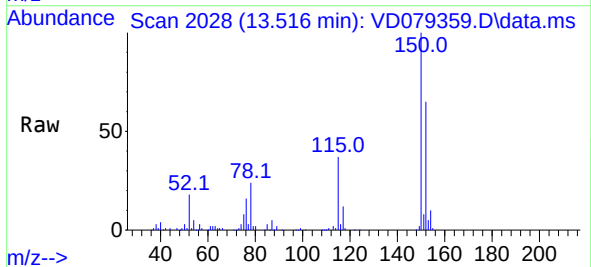
Instrument :
MSVOA_D
ClientSampleId :
VD0709SBL01

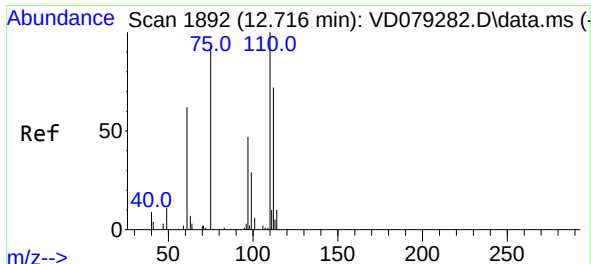
Tgt Ion:117 Resp: 275225
Ion Ratio Lower Upper
117 100
82 53.1 39.8 59.6
119 30.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Tgt Ion:152 Resp: 110803
Ion Ratio Lower Upper
152 100
115 60.1 26.5 79.5
150 157.1 0.0 341.6

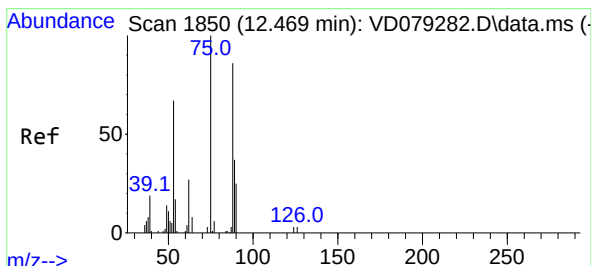
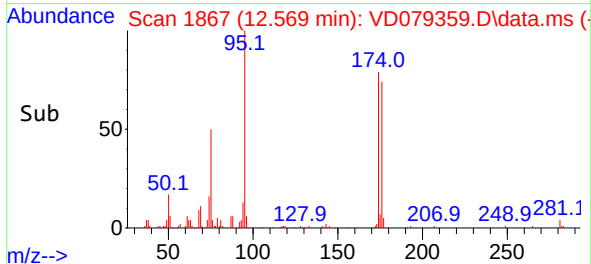
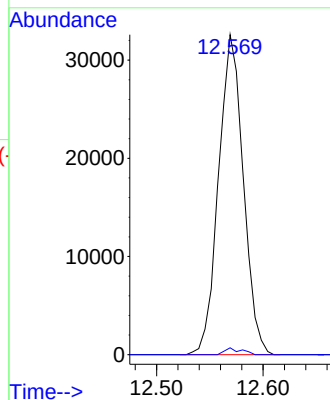
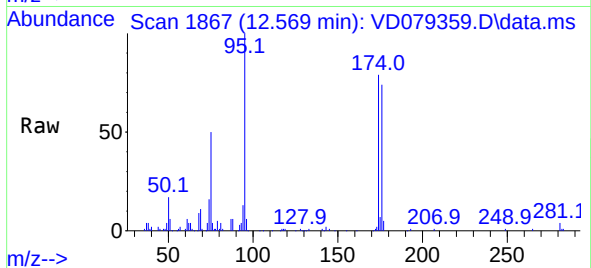




#76
1,2,3-Trichloropropane
Concen: 49.367 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Instrument :
MSVOA_D
ClientSampleId :
VD0709SBL01

Tgt Ion: 75 Resp: 52556
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.078 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079359.D
Acq: 09 Jul 2024 13:53

Tgt Ion: 75 Resp: 52556
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

