

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078701.D
 Acq On : 18 Mar 2024 17:11
 Operator : RP/MD
 Sample : P1792-01
 Misc : 5.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11977

Quant Time: Mar 19 01:28:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

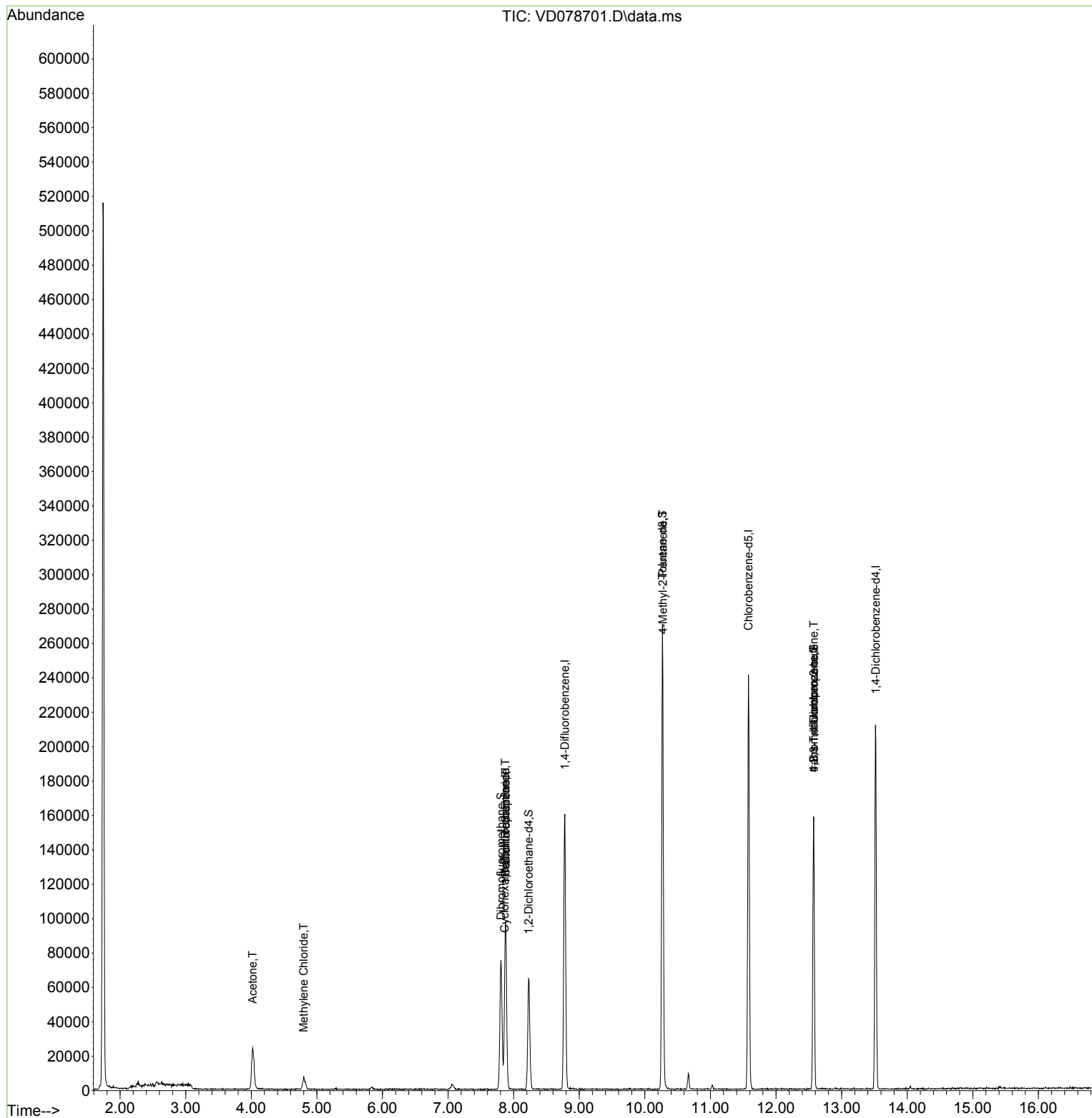
Internal Standards						
1) Pentafluorobenzene	7.875	168	77637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	150077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	144964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	59865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48401	66.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.040%	
35) Dibromofluoromethane	7.810	113	53391	55.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.500%	
50) Toluene-d8	10.269	98	186195	52.395	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.800%	
62) 4-Bromofluorobenzene	12.575	95	48012	46.182	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.360%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	39708	282.226	ug/l	99
20) Methylene Chloride	4.799	84	5735	1.227	ug/l #	77
31) Cyclohexane	7.863	56	1661	1.358	ug/l #	56
36) 1,1-Dichloropropene	7.881	75	5920	4.223	ug/l #	47
38) Carbon Tetrachloride	7.875	117	7983	5.401	ug/l #	11
51) 4-Methyl-2-Pentanone	10.275	43	806	1.851	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	24540	53.206	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	24540	111.529	ug/l #	19

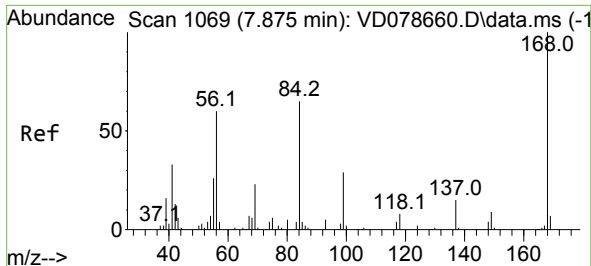
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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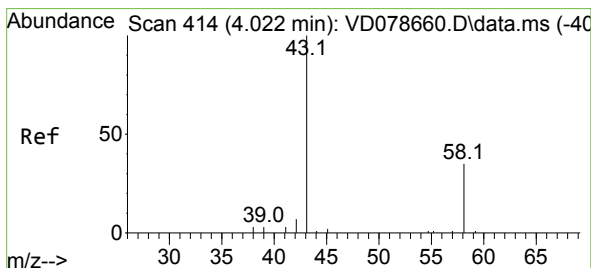
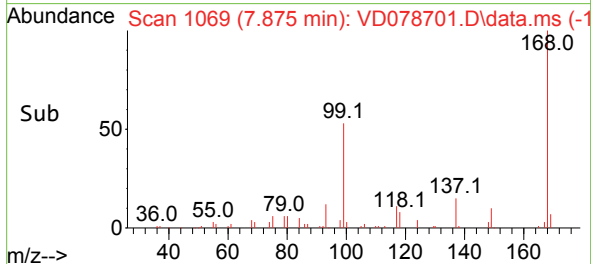
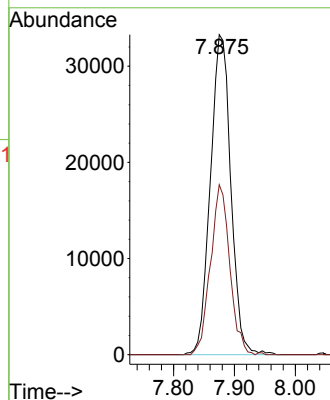
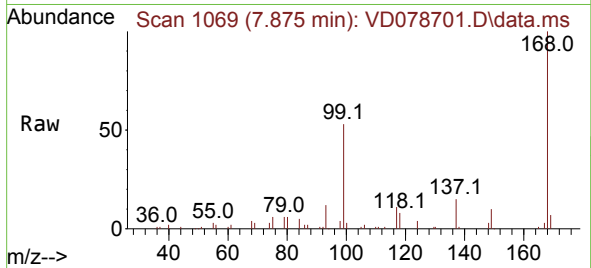




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

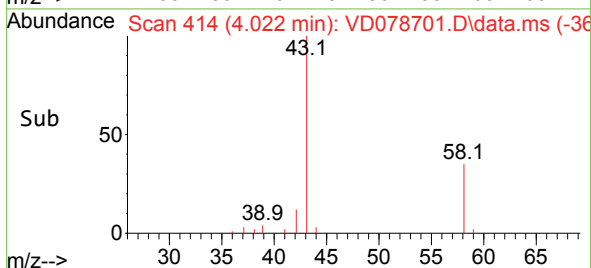
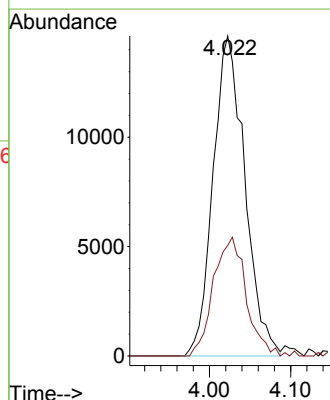
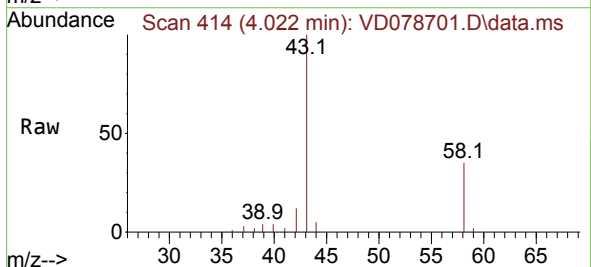
Instrument :
MSVOA_D
ClientSampleId :
72-11977

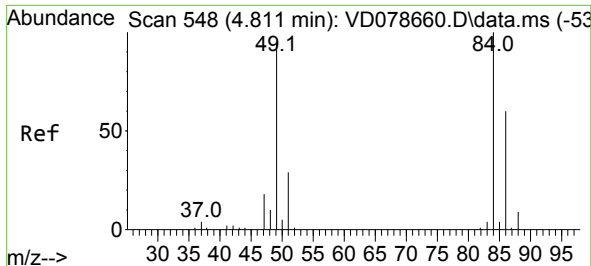
Tgt Ion:168 Resp: 77637
Ion Ratio Lower Upper
168 100
99 53.1 38.8 58.2



#16
Acetone
Concen: 282.226 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

Tgt Ion: 43 Resp: 39708
Ion Ratio Lower Upper
43 100
58 34.6 28.2 42.4

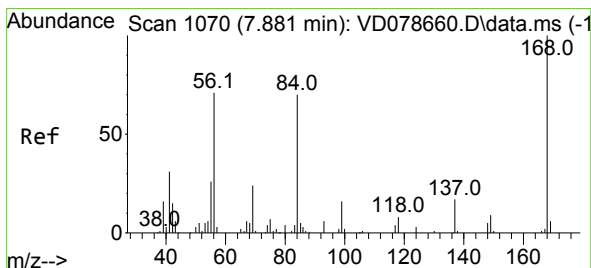
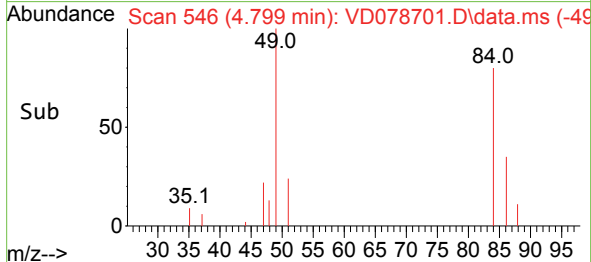
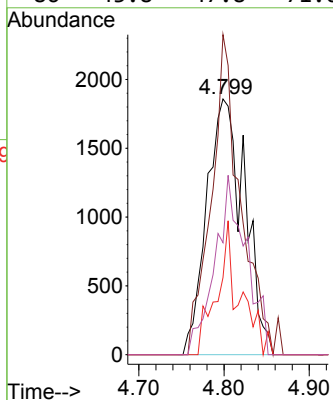
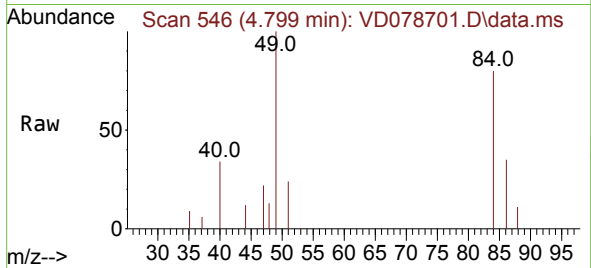




#20
Methylene Chloride
Concen: 1.227 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

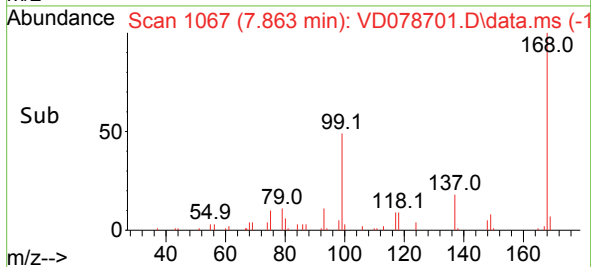
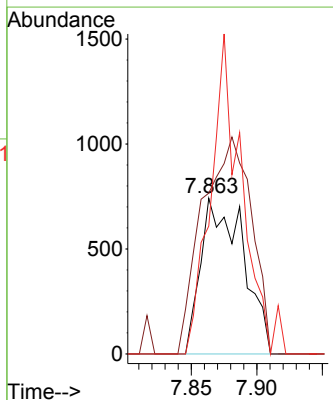
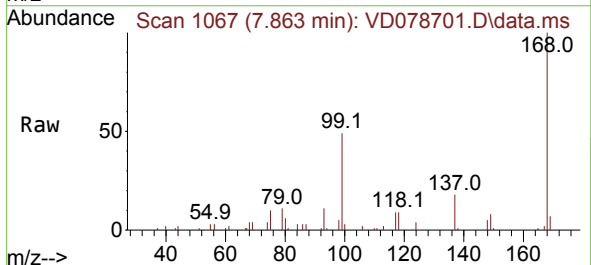
Instrument :
MSVOA_D
ClientSampleId :
72-11977

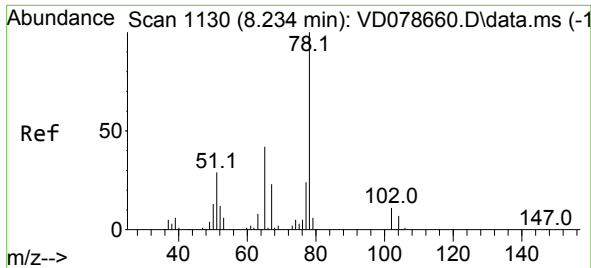
Tgt Ion: 84 Resp: 5735
Ion Ratio Lower Upper
84 100
49 125.2 75.6 113.4#
51 30.1 23.4 35.0
86 43.8 47.8 71.6#



#31
Cyclohexane
Concen: 1.358 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.018 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

Tgt Ion: 56 Resp: 1661
Ion Ratio Lower Upper
56 100
69 103.4 26.6 40.0#
84 82.2 79.4 119.2





#33

1,2-Dichloroethane-d4

Concen: 66.523 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078701.D

Acq: 18 Mar 2024 17:11

Instrument :

MSVOA_D

ClientSampleId :

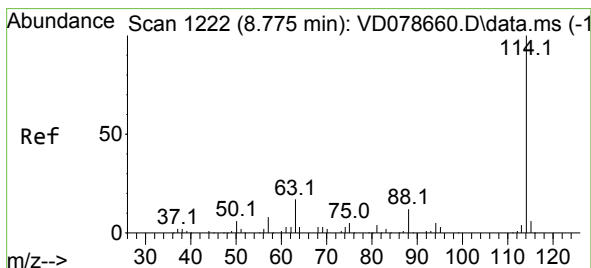
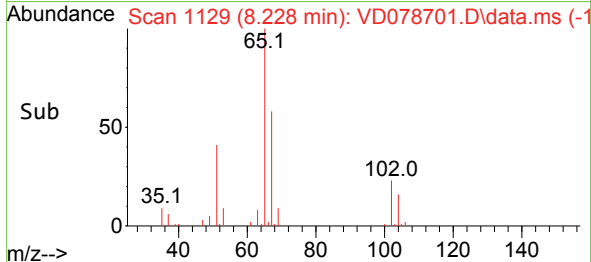
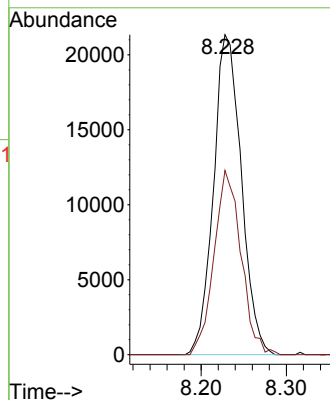
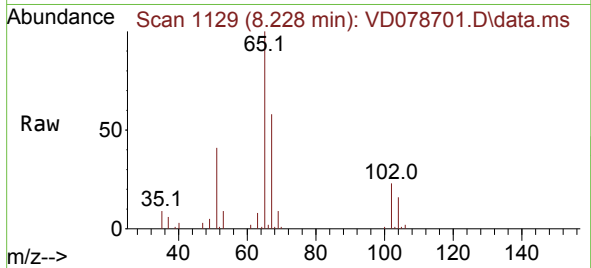
72-11977

Tgt Ion: 65 Resp: 48401

Ion Ratio Lower Upper

65 100

67 55.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078701.D

Acq: 18 Mar 2024 17:11

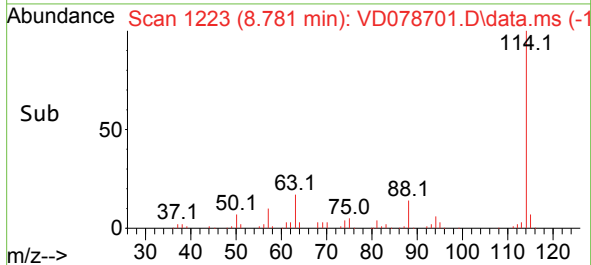
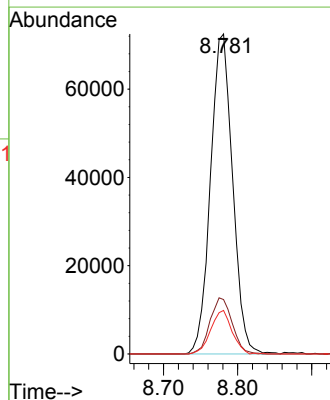
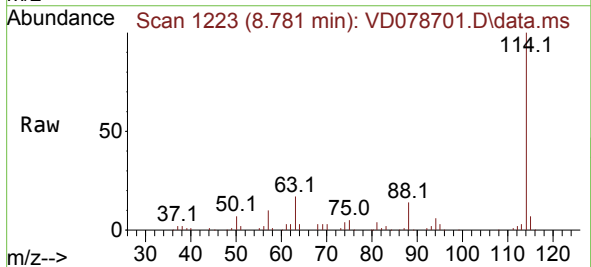
Tgt Ion: 114 Resp: 150077

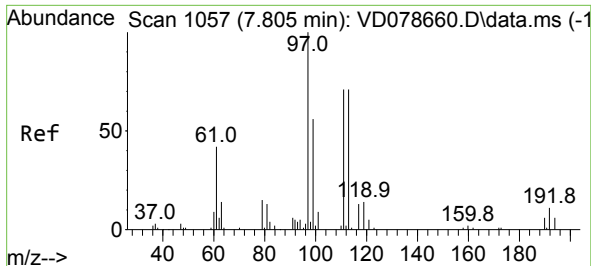
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.6 0.0 24.6





#35

Dibromofluoromethane

Concen: 55.255 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078701.D

Acq: 18 Mar 2024 17:11

Instrument :

MSVOA_D

ClientSampleId :

72-11977

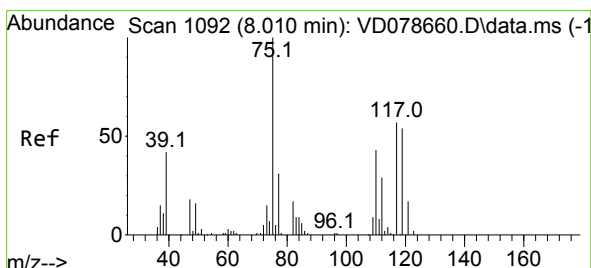
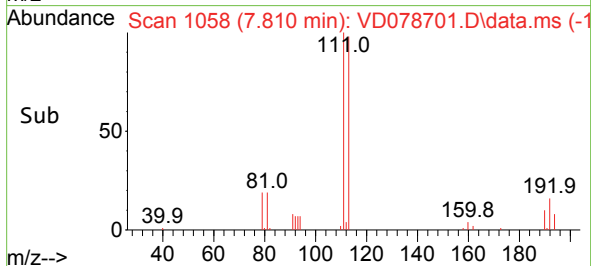
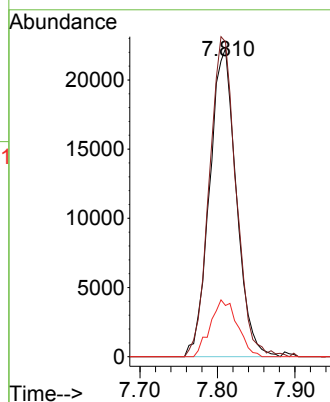
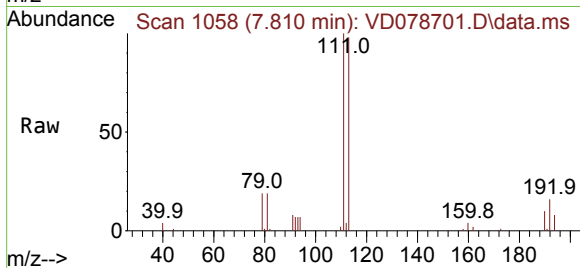
Tgt Ion:113 Resp: 53391

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

192 18.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.223 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD078701.D

Acq: 18 Mar 2024 17:11

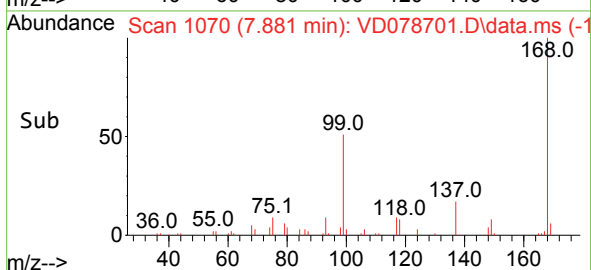
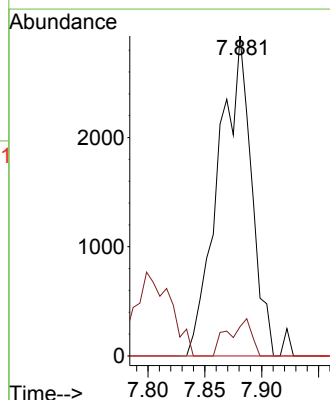
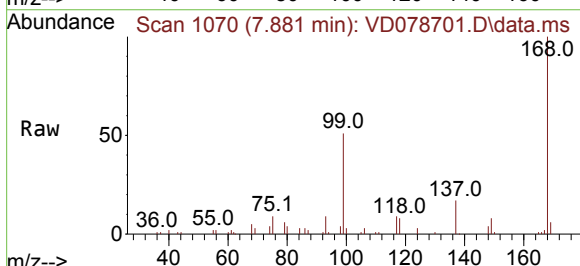
Tgt Ion: 75 Resp: 5920

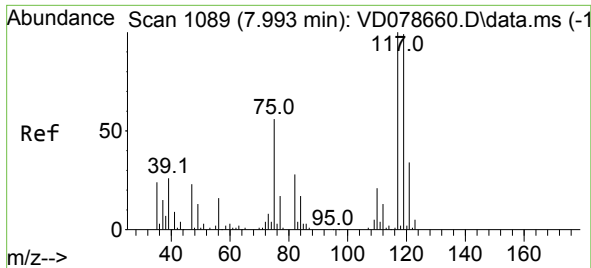
Ion Ratio Lower Upper

75 100

110 8.2 19.1 57.1#

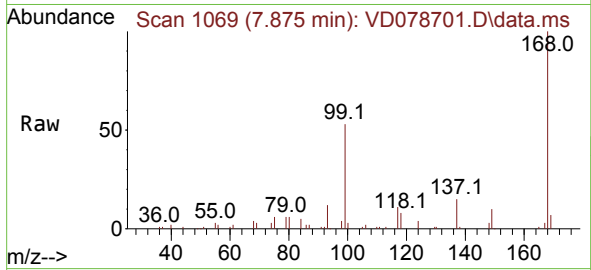
77 0.0 25.4 38.2#



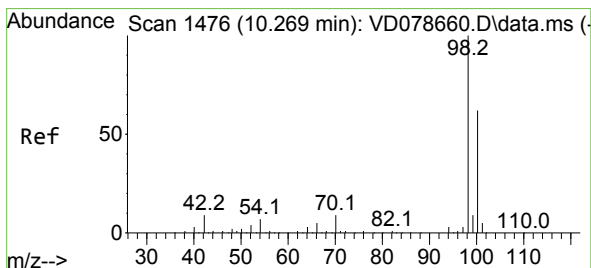
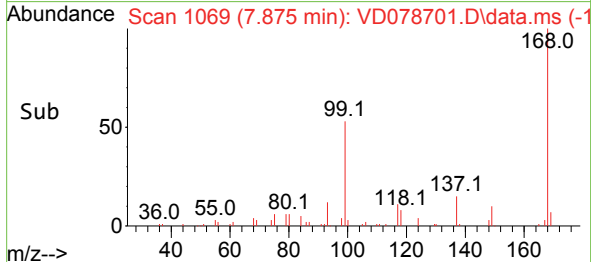
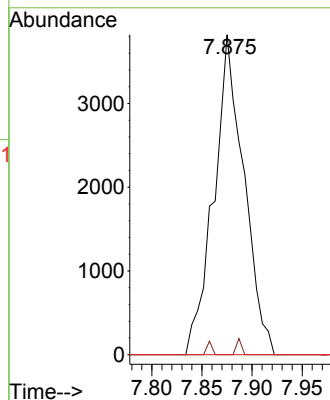


#38
Carbon Tetrachloride
Concen: 5.401 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
72-11977

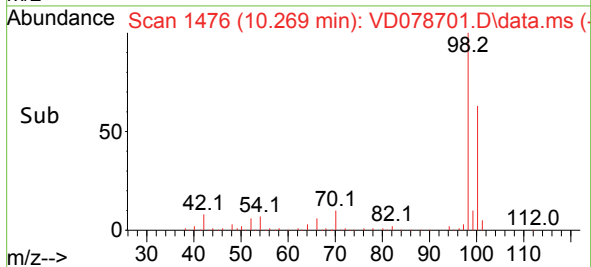
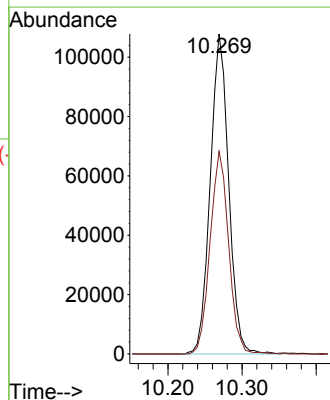
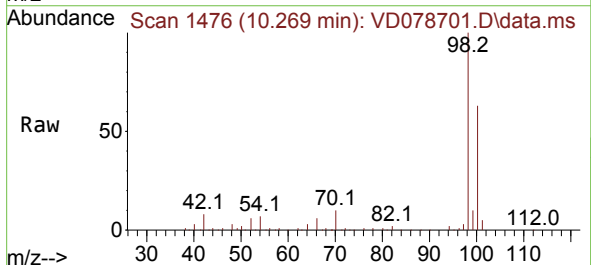


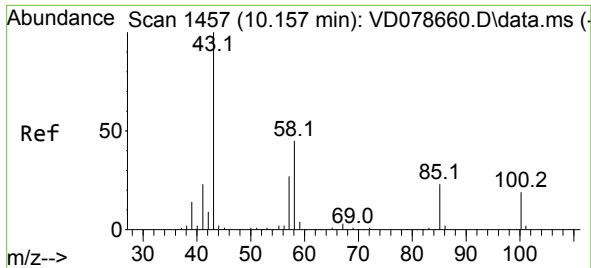
Tgt Ion:117 Resp: 7983
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 52.395 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

Tgt Ion: 98 Resp: 186195
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7

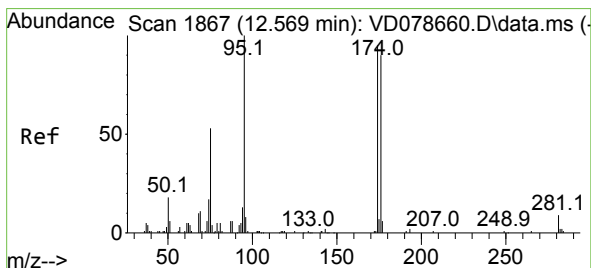
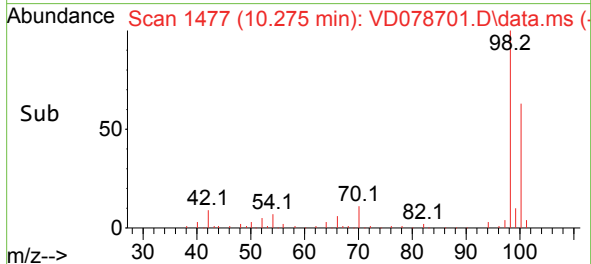
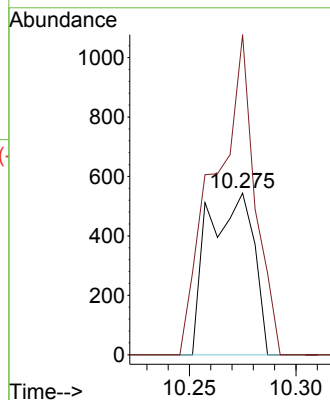
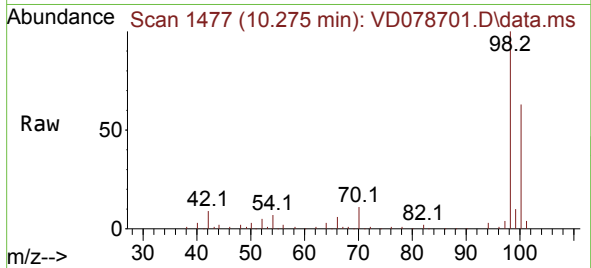




#51
4-Methyl-2-Pentanone
Concen: 1.851 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

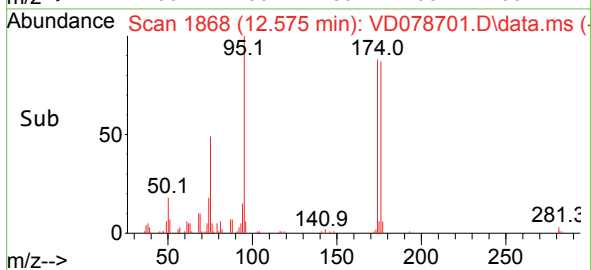
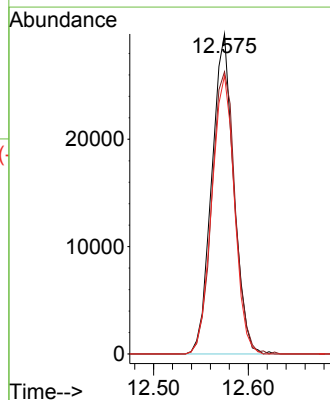
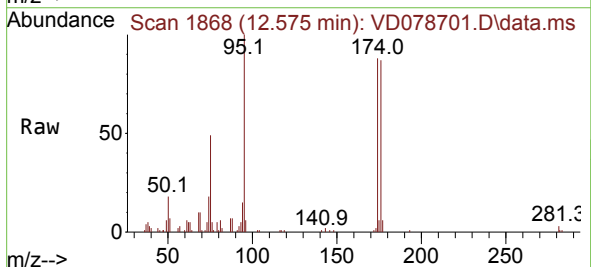
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ClientSampleId :
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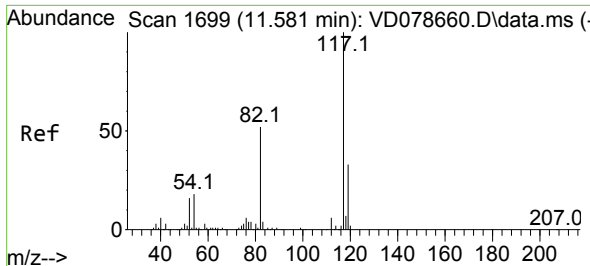
Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
58 175.4 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 46.182 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

Tgt Ion: 95 Resp: 48012
Ion Ratio Lower Upper
95 100
174 93.9 0.0 195.2
176 89.3 0.0 188.2

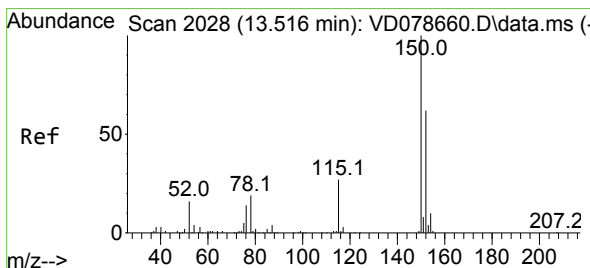
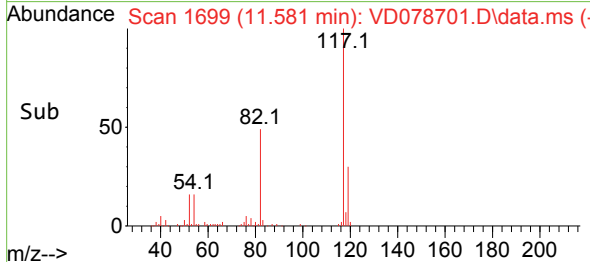
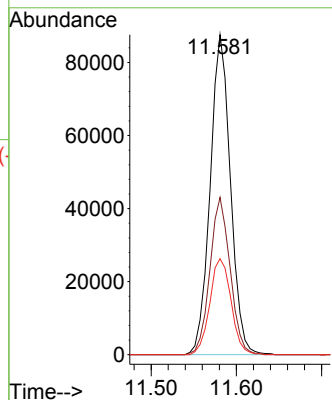
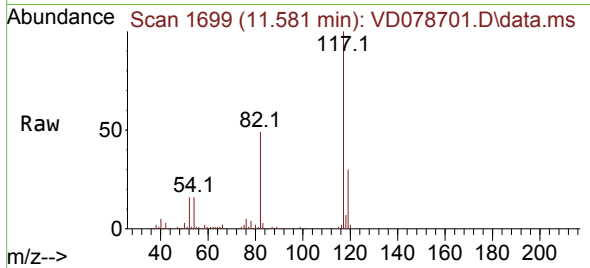




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

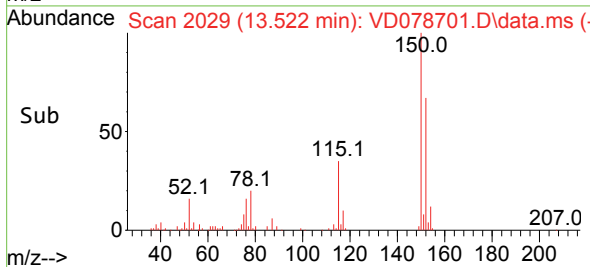
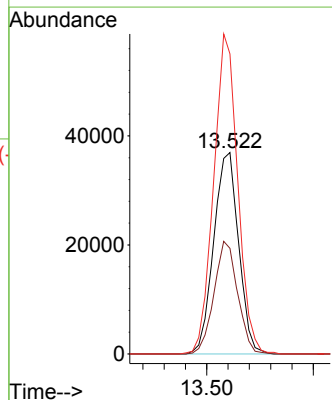
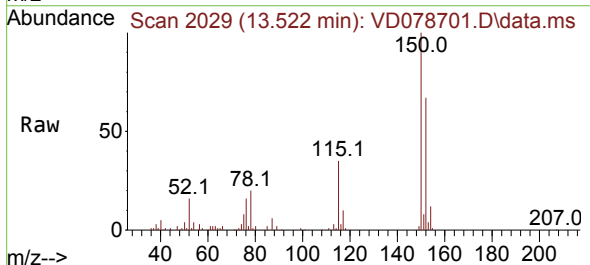
Instrument :
MSVOA_D
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72-11977

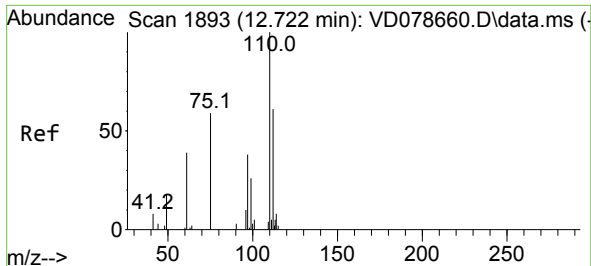
Tgt Ion:117 Resp: 144964
Ion Ratio Lower Upper
117 100
82 49.1 41.4 62.2
119 30.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

Tgt Ion:152 Resp: 59865
Ion Ratio Lower Upper
152 100
115 53.2 27.1 81.2
150 153.5 0.0 350.2

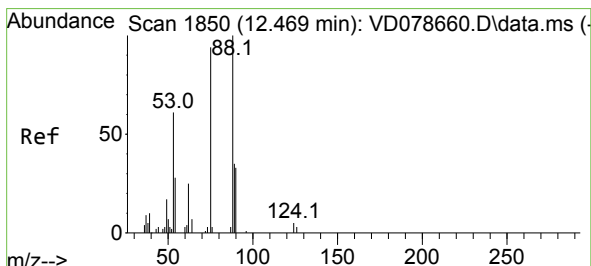
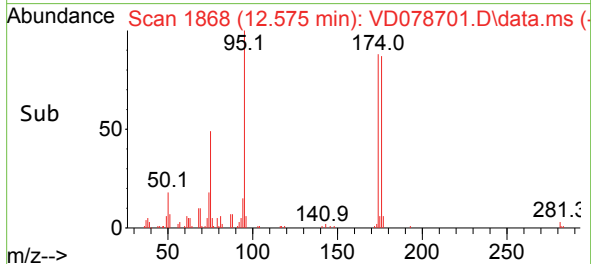
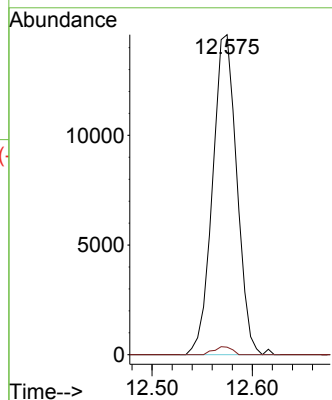
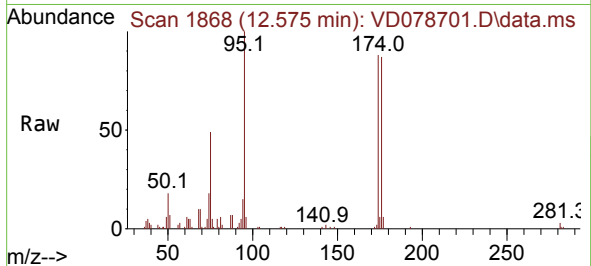




#76
1,2,3-Trichloropropane
Concen: 53.206 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
72-11977

Tgt Ion: 75 Resp: 24540
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.529 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078701.D
Acq: 18 Mar 2024 17:11

Tgt Ion: 75 Resp: 24540
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

