

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077069.D
 Acq On : 29 Aug 2023 18:38
 Operator : JC/SY
 Sample : 04198-16
 Misc : 1.42G/5.8ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 21:01:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

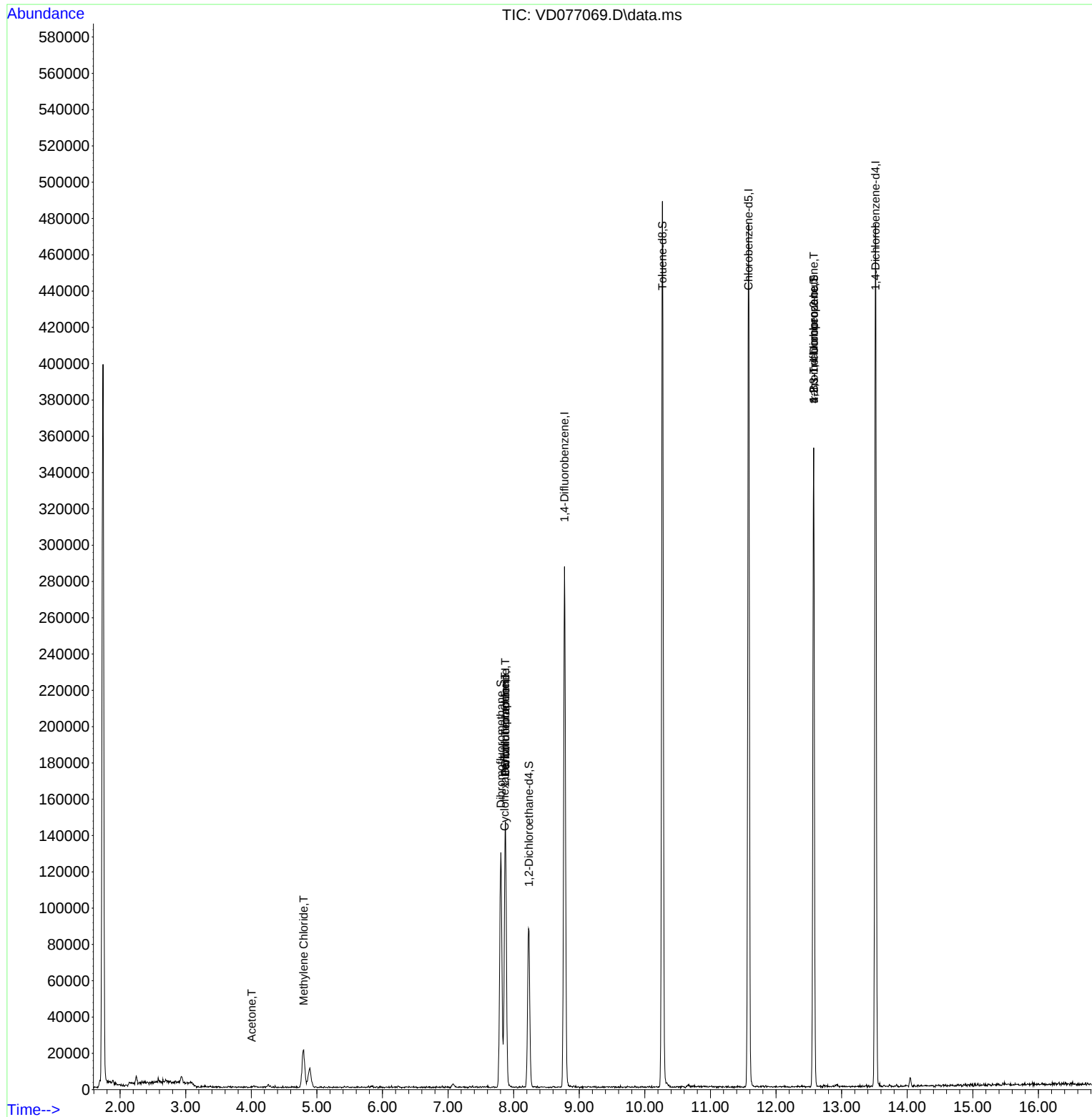
Internal Standards						
1) Pentafluorobenzene	7.875	168	116496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	262085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69733	60.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.600%
35) Dibromofluoromethane	7.804	113	93821	53.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.160%
50) Toluene-d8	10.269	98	342772	54.114	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.575	95	106093	56.808	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	333	Below Cal	#	41
16) Acetone	4.004	43	328	1.255	ug/l #	32
20) Methylene Chloride	4.799	84	17325	7.239	ug/l	96
31) Cyclohexane	7.863	56	2311	1.261	ug/l #	58
36) 1,1-Dichloropropene	7.869	75	8805	3.530	ug/l #	48
38) Carbon Tetrachloride	7.875	117	11106	4.404	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	54205	42.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	54205	99.187	ug/l #	17

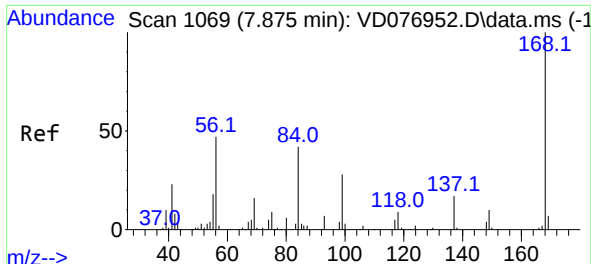
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
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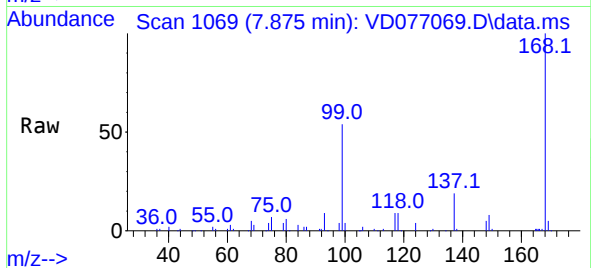
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



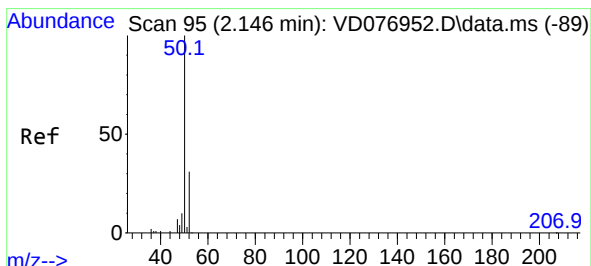
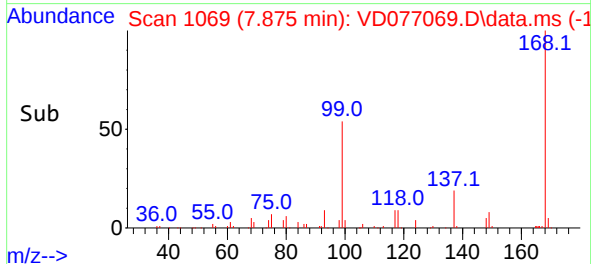
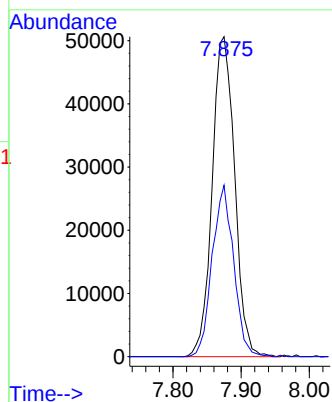


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :

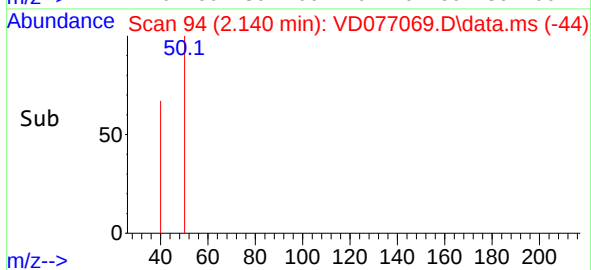
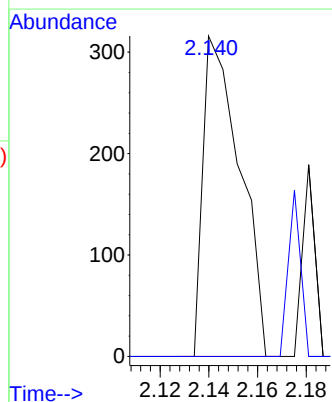
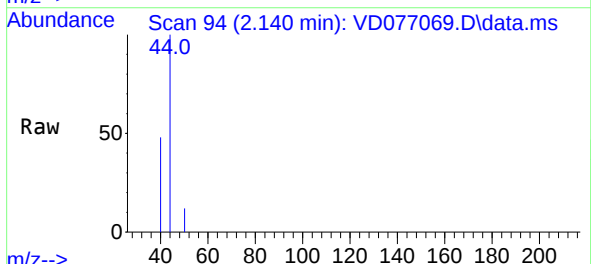


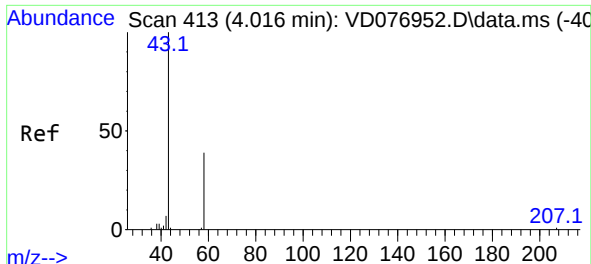
Tgt Ion:168 Resp: 116496
Ion Ratio Lower Upper
168 100
99 53.6 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

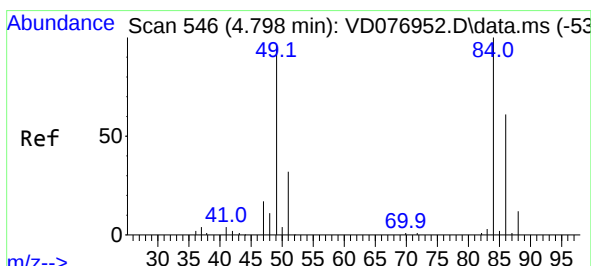
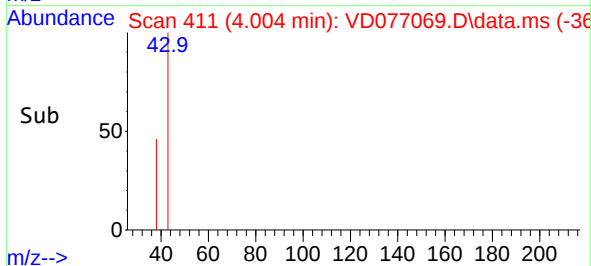
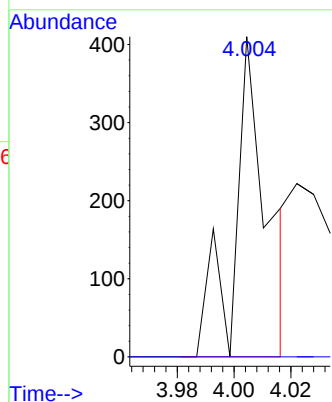
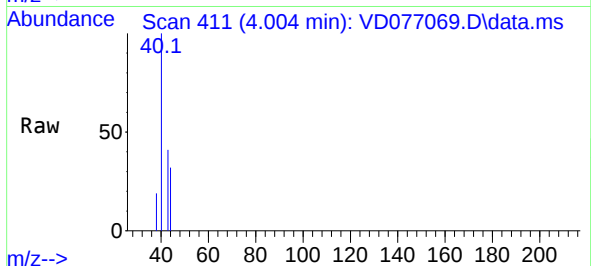




#16
Acetone
Concen: 1.255 ug/l
RT: 4.004 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

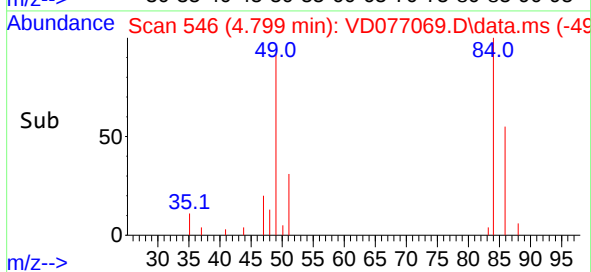
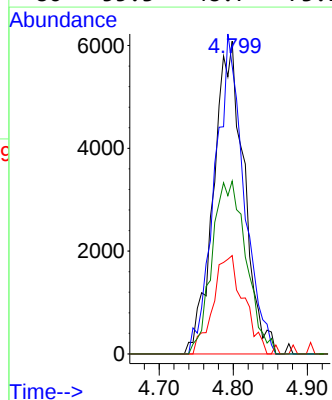
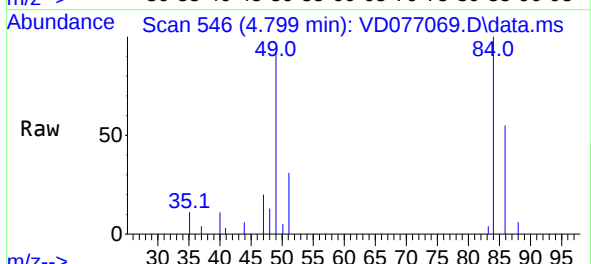
Instrument :
MSVOA_D
ClientSampleId :

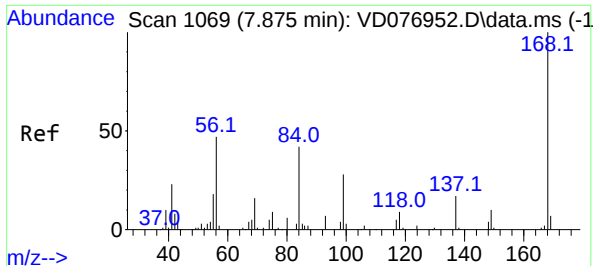
Tgt Ion: 43 Resp: 328
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: 7.239 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

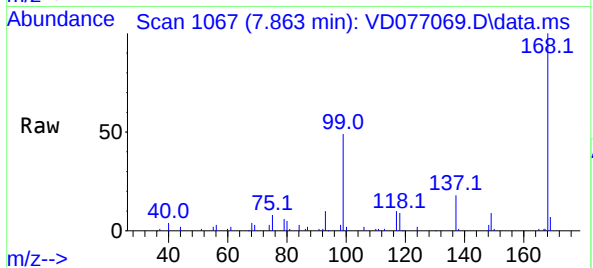
Tgt Ion: 84 Resp: 17325
Ion Ratio Lower Upper
84 100
49 92.0 71.4 107.2
51 31.5 24.5 36.7
86 55.3 48.7 73.1



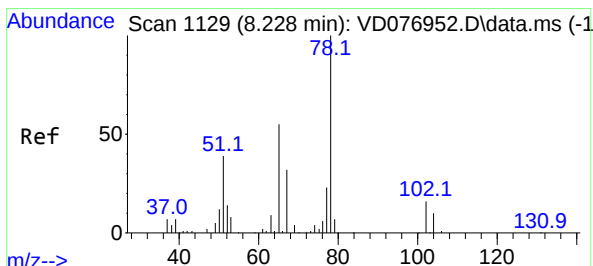
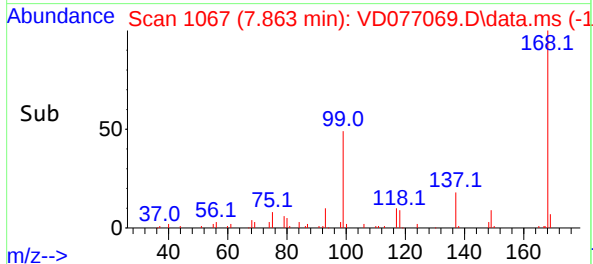
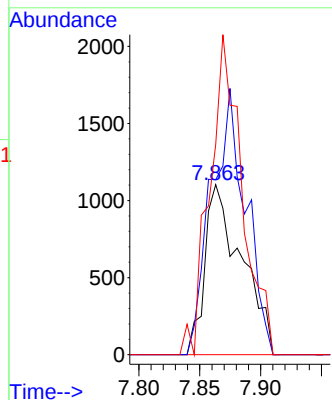


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 7.863 min Scan# 1130
Delta R.T. -0.012 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :

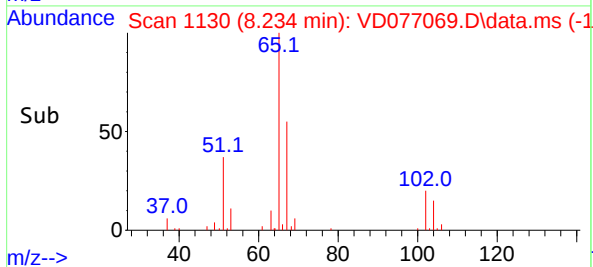
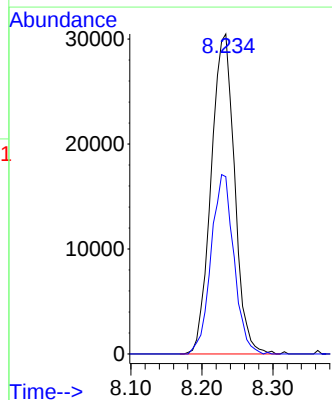
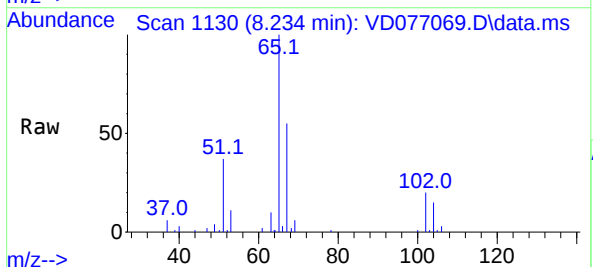


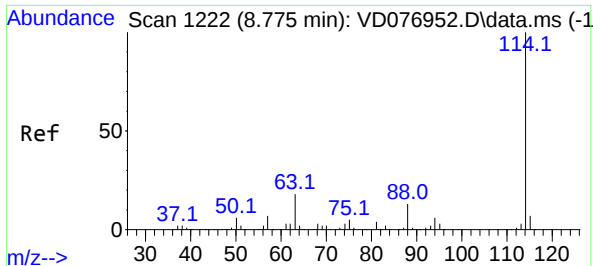
Tgt Ion: 56 Resp: 2311
Ion Ratio Lower Upper
56 100
69 102.9 28.6 43.0#
84 123.6 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 60.797 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

Tgt Ion: 65 Resp: 69733
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0

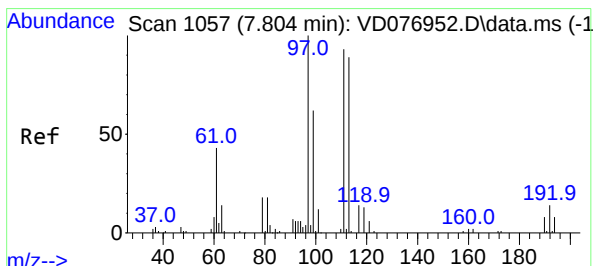
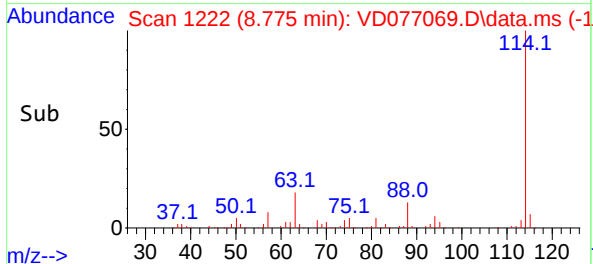
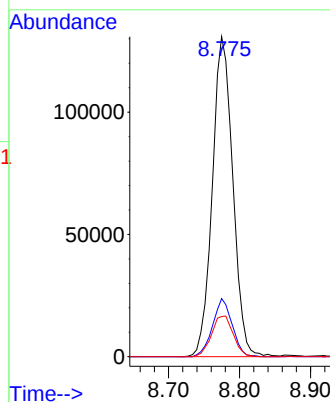
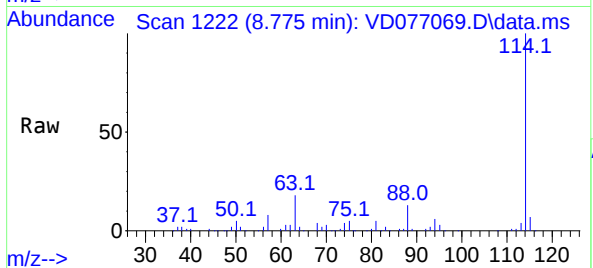




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

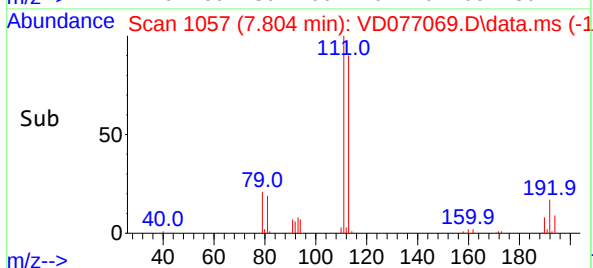
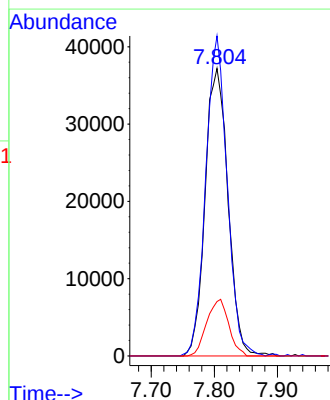
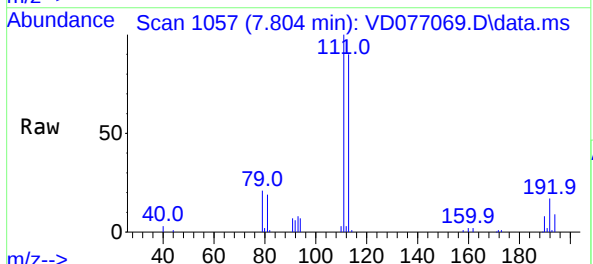
Instrument :
MSVOA_D
ClientSampleId :

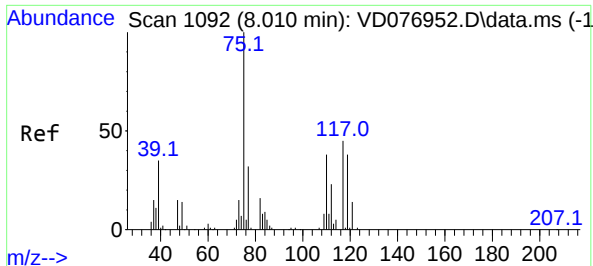
Tgt Ion:114 Resp: 262085
Ion Ratio Lower Upper
114 100
63 18.1 0.0 33.4
88 12.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.585 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

Tgt Ion:113 Resp: 93821
Ion Ratio Lower Upper
113 100
111 104.2 84.7 127.1
192 18.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.530 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

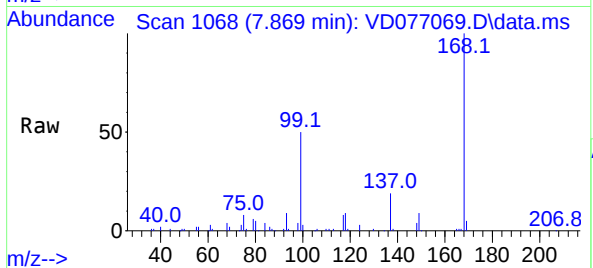
Lab File: VD077069.D

Acq: 29 Aug 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :



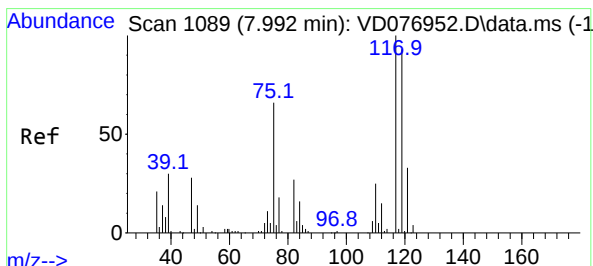
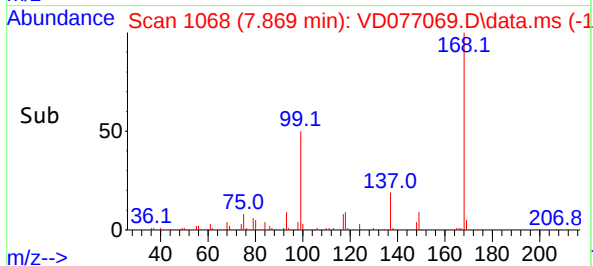
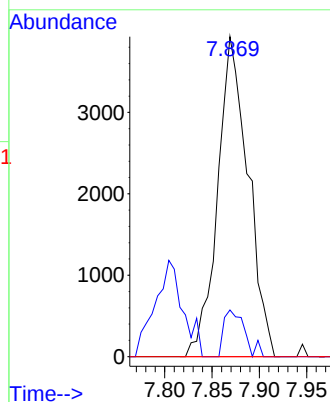
Tgt Ion: 75 Resp: 8805

Ion Ratio Lower Upper

75 100

110 9.9 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.404 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.117 min

Lab File: VD077069.D

Acq: 29 Aug 2023 18:38

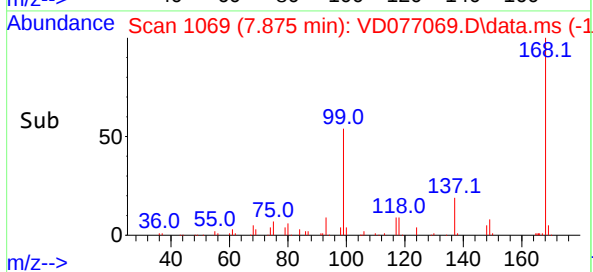
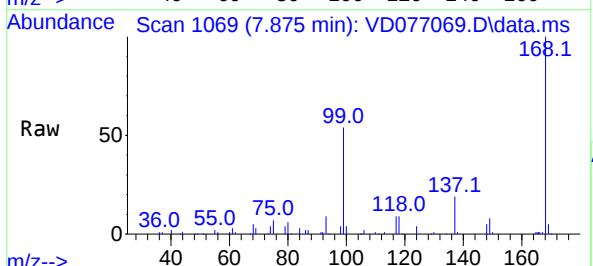
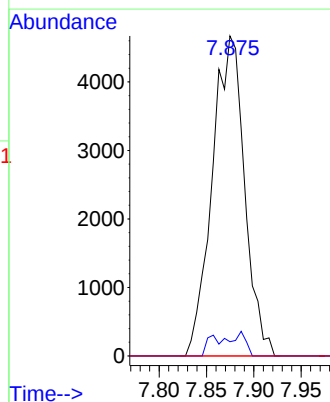
Tgt Ion: 117 Resp: 11106

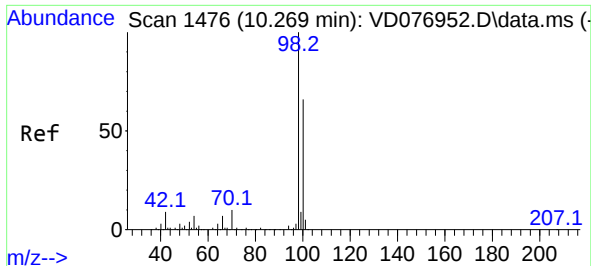
Ion Ratio Lower Upper

117 100

119 4.4 78.0 117.0#

121 0.0 24.2 36.2#

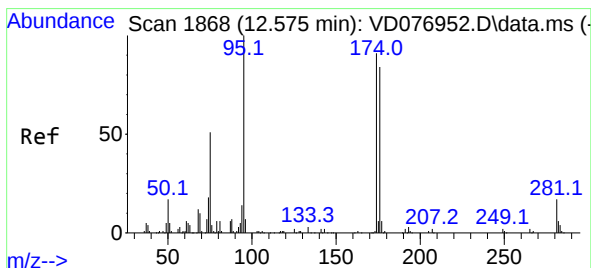
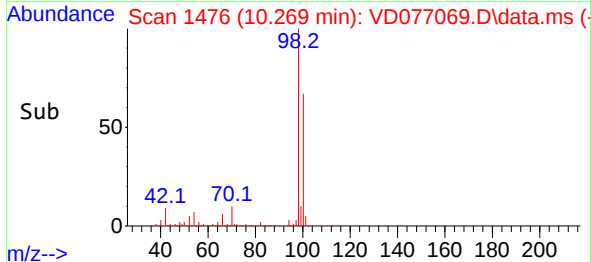
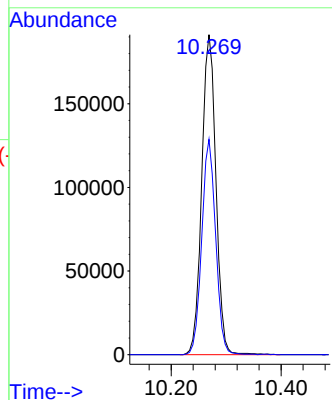
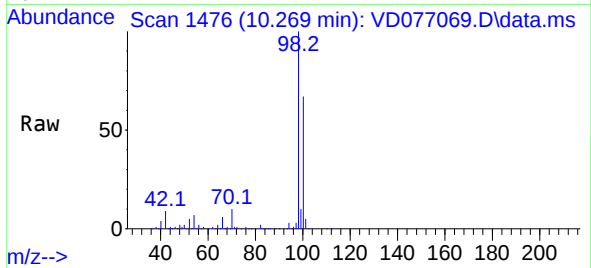




#50
Toluene-d8
Concen: 54.114 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

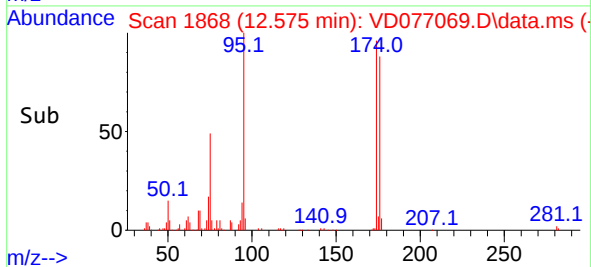
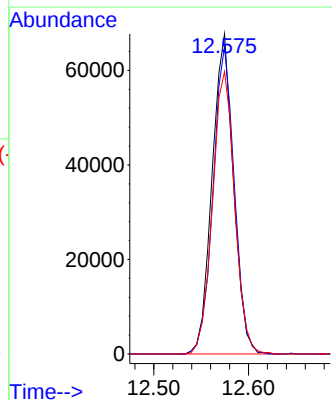
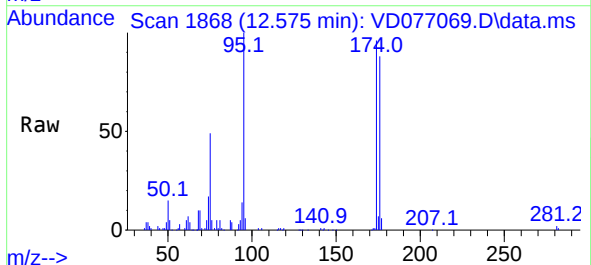
Instrument :
MSVOA_D
ClientSampleId :

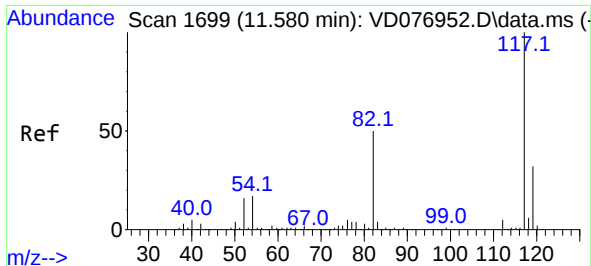
Tgt Ion: 98 Resp: 342772
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.808 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

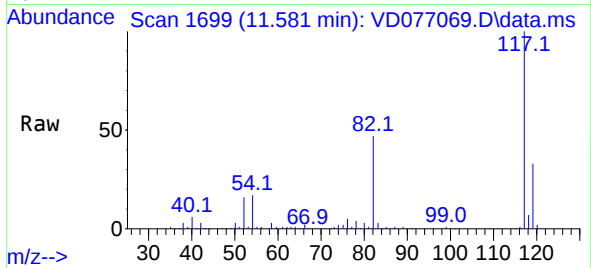
Tgt Ion: 95 Resp: 106093
Ion Ratio Lower Upper
95 100
174 95.9 0.0 201.8
176 91.2 0.0 191.8



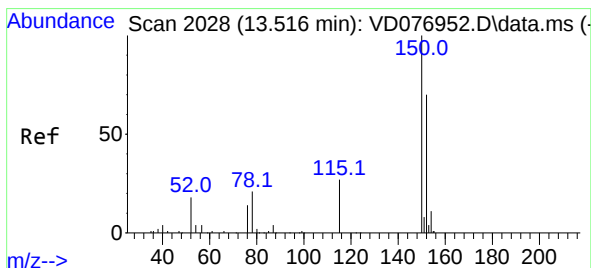
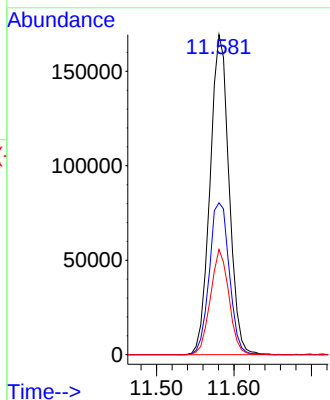
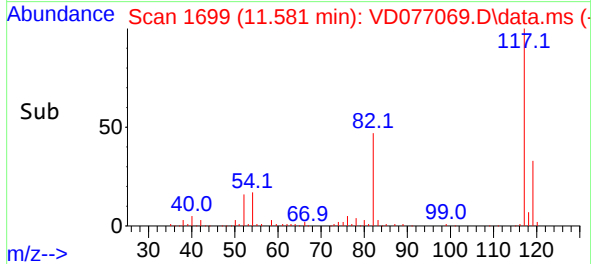


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

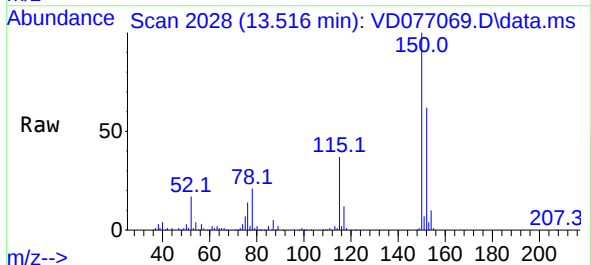
Instrument :
MSVOA_D
ClientSampleId :



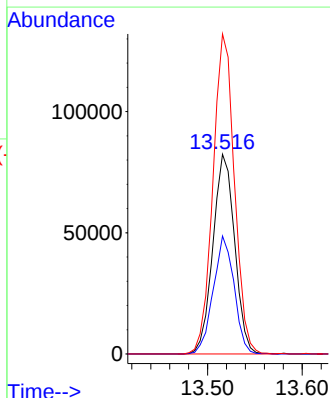
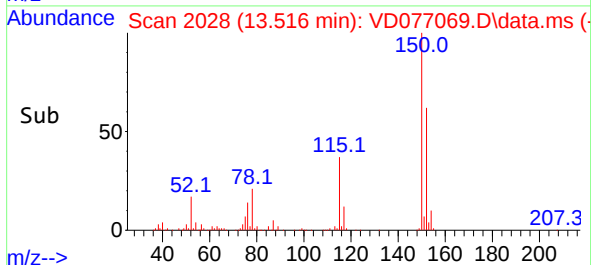
Tgt Ion:117 Resp: 288587
Ion Ratio Lower Upper
117 100
82 47.4 38.3 57.5
119 32.9 25.0 37.4

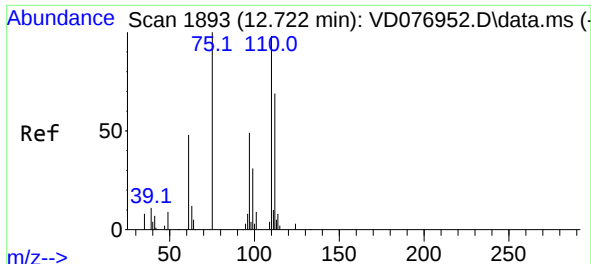


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38



Tgt Ion:152 Resp: 131552
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 158.1 0.0 353.6

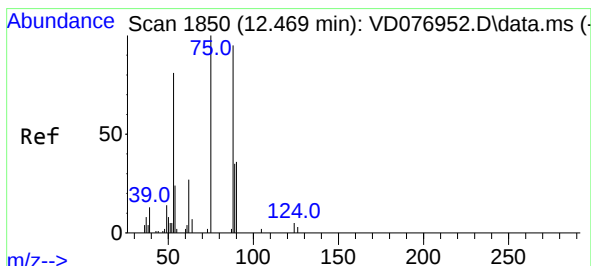
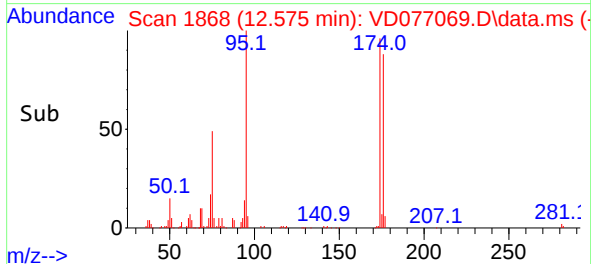
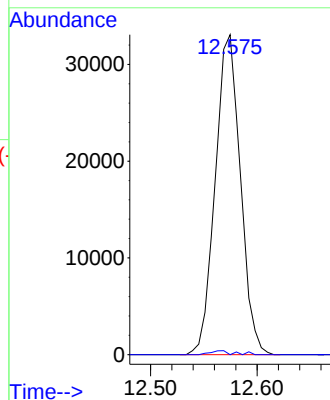
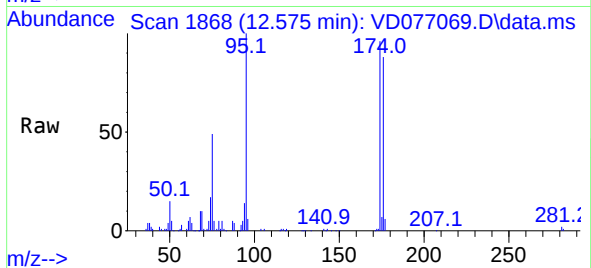




#76
1,2,3-Trichloropropane
Concen: 42.720 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 54205
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.187 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077069.D
Acq: 29 Aug 2023 18:38

Tgt Ion: 75 Resp: 54205
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

