

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076756.D
 Acq On : 17 Jul 2023 15:57
 Operator : KP/SY
 Sample : 03645-06
 Misc : 4.92G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-(0.5-2.0)

Quant Time: Jul 18 01:23:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	133536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	310537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	139423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89308	67.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.300%
35) Dibromofluoromethane	7.805	113	106337	54.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.980%
50) Toluene-d8	10.269	98	391530	56.085	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.160%
62) 4-Bromofluorobenzene	12.575	95	120848	53.511	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.020%

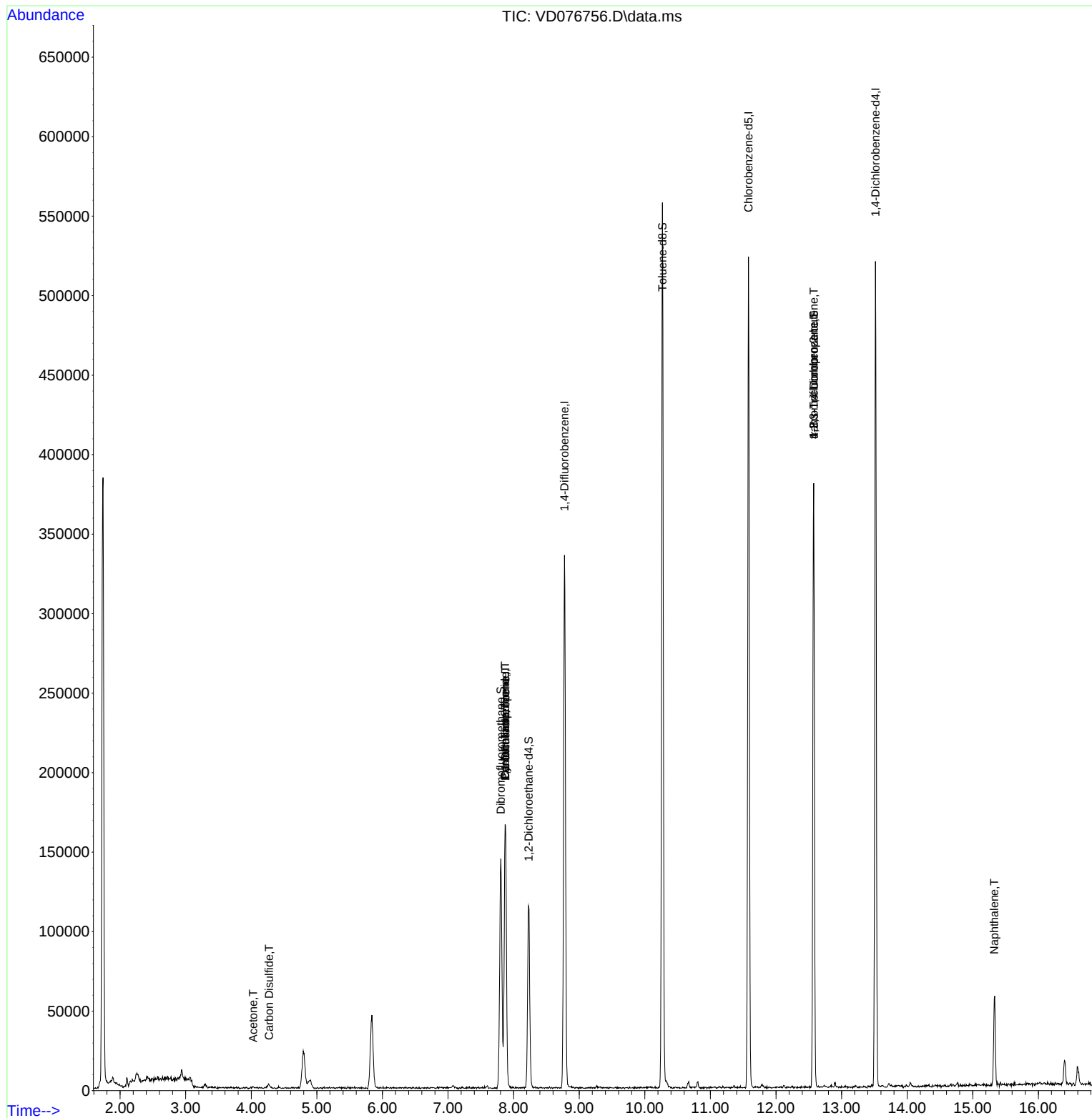
Target Compounds					Qvalue	
16) Acetone	4.028	43	827	2.604	ug/l #	84
17) Carbon Disulfide	4.269	76	4012	1.302	ug/l #	94
20) Methylene Chloride	4.793	84	19019	Below Cal	#	79
31) Cyclohexane	7.869	56	3387	1.730	ug/l #	35
36) 1,1-Dichloropropene	7.875	75	10856	4.257	ug/l #	47
38) Carbon Tetrachloride	7.869	117	13699	5.611	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	63150	47.628	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	63150	101.365	ug/l #	17
95) Naphthalene	15.328	128	49472	8.844	ug/l	99

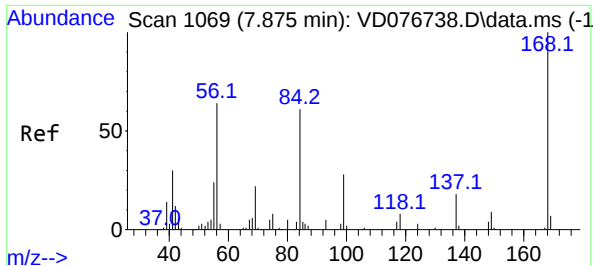
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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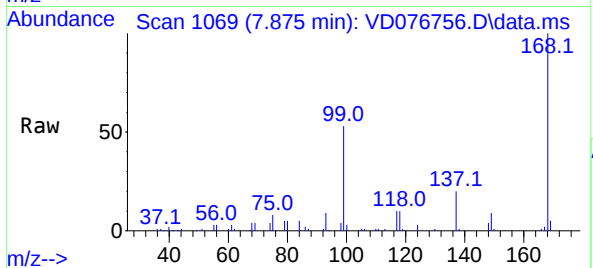
Quant Time: Jul 18 01:23:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
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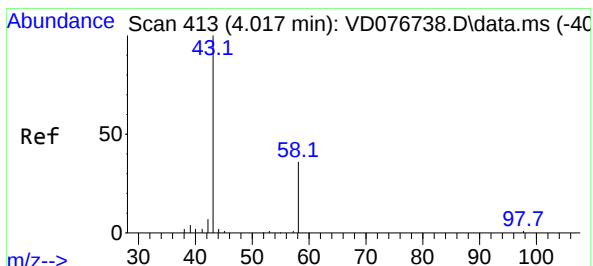
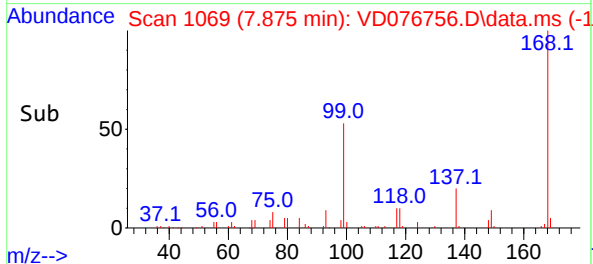
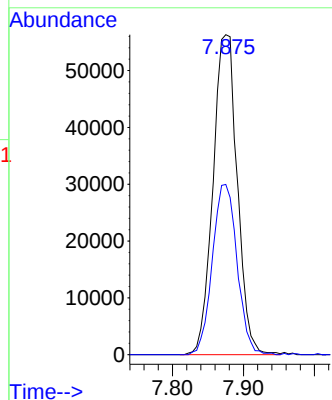


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
SB-10-(0.5-2.0)

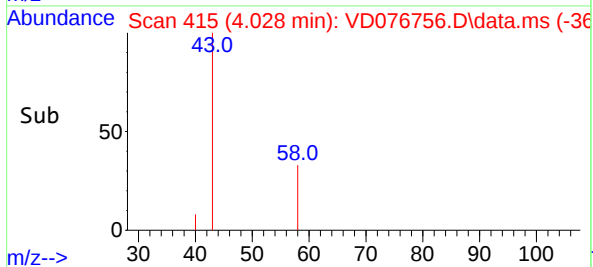
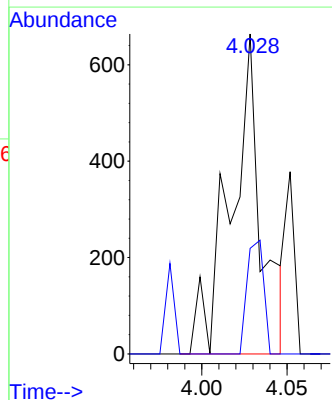
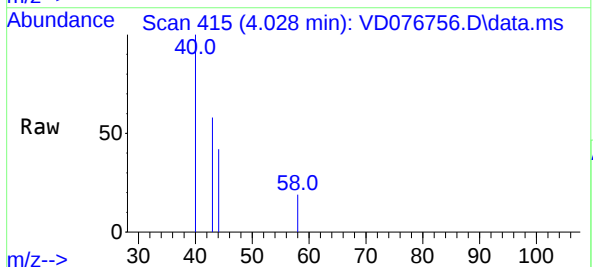


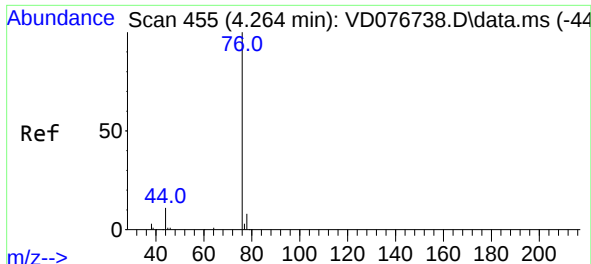
Tgt Ion:168 Resp: 133536
Ion Ratio Lower Upper
168 100
99 53.2 36.7 55.1



#16
Acetone
Concen: 2.604 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 33.0 34.7 52.1#

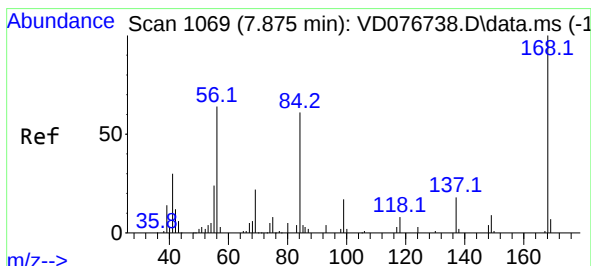
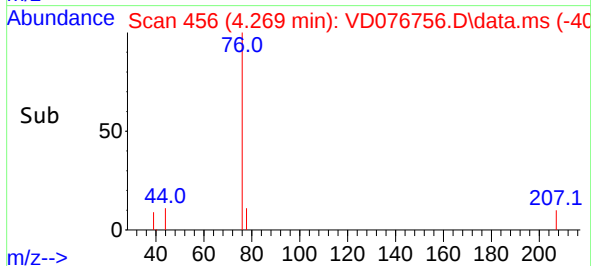
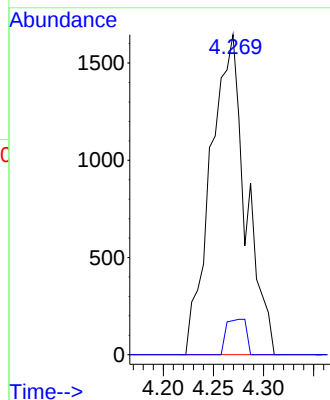
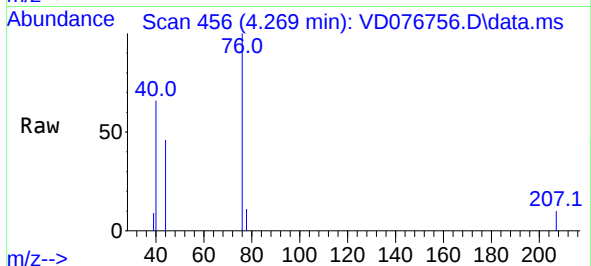




#17
Carbon Disulfide
Concen: 1.302 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

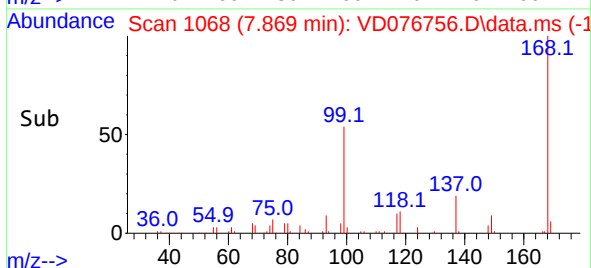
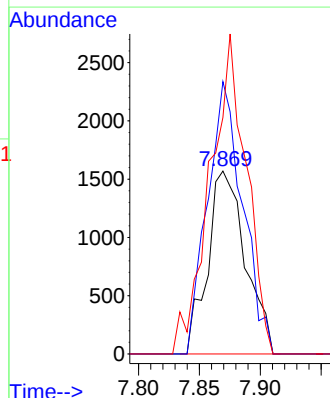
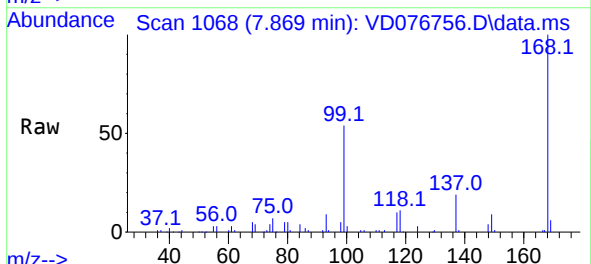
Instrument :
MSVOA_D
ClientSampleId :
SB-10-(0.5-2.0)

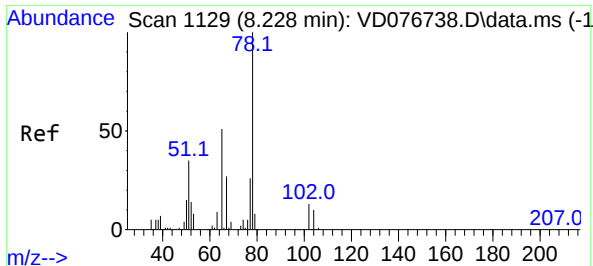
Tgt Ion: 76 Resp: 4012
Ion Ratio Lower Upper
76 100
78 10.7 6.8 10.2#



#31
Cyclohexane
Concen: 1.730 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Tgt Ion: 56 Resp: 3387
Ion Ratio Lower Upper
56 100
69 148.9 28.6 43.0#
84 129.2 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 67.146 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076756.D

Acq: 17 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

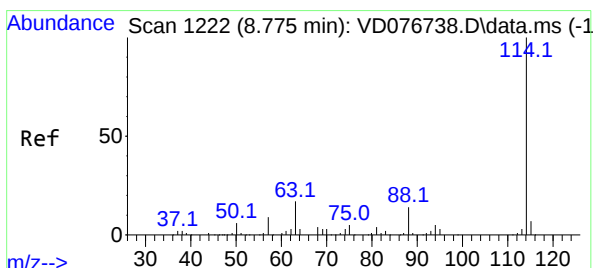
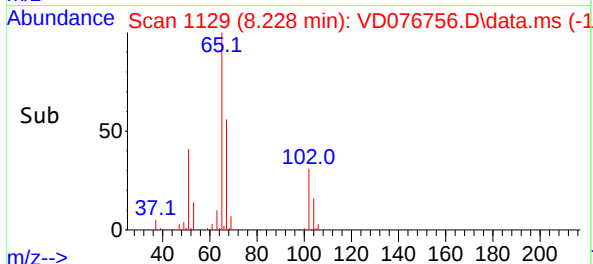
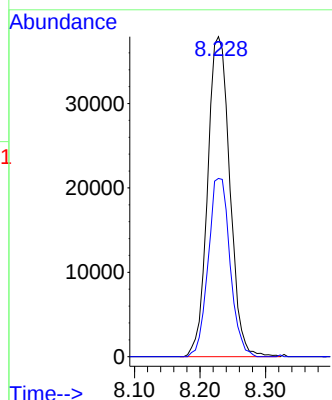
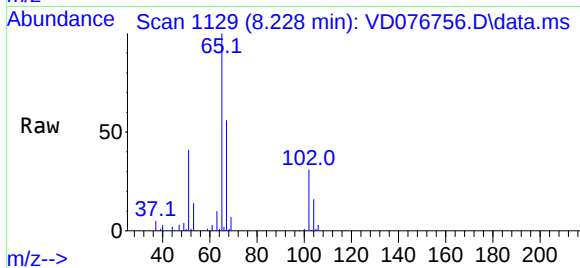
SB-10-(0.5-2.0)

Tgt Ion: 65 Resp: 89308

Ion Ratio Lower Upper

65 100

67 54.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076756.D

Acq: 17 Jul 2023 15:57

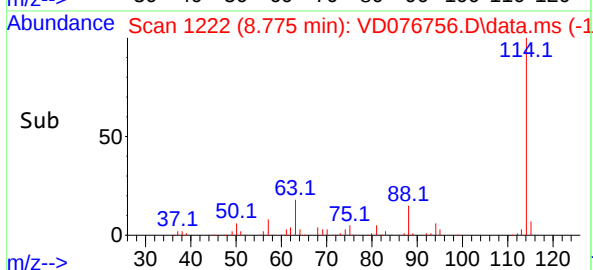
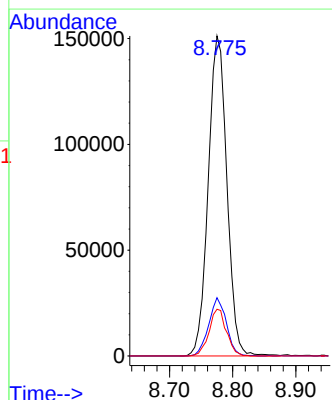
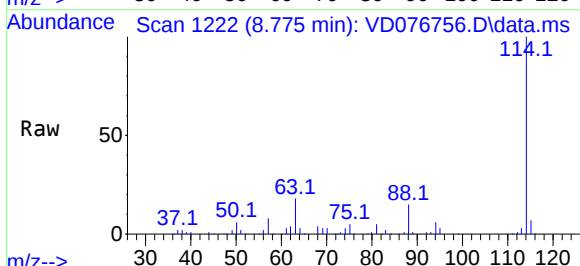
Tgt Ion: 114 Resp: 310537

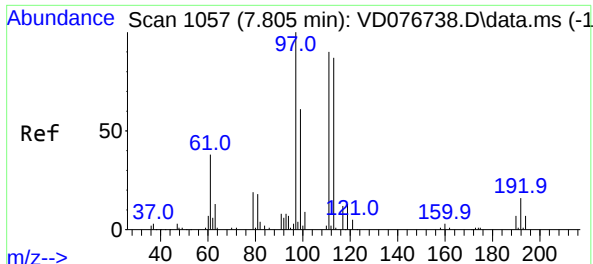
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 14.6 0.0 26.2

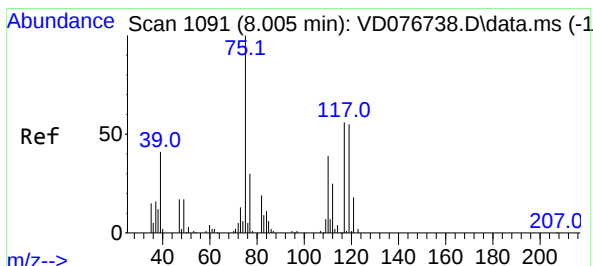
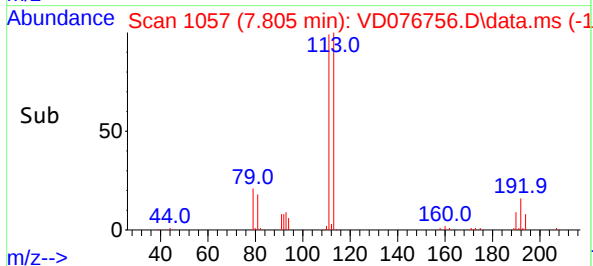
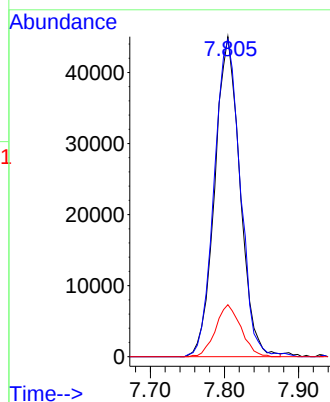
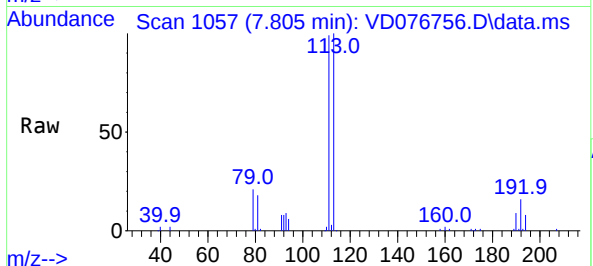




#35
Dibromofluoromethane
Concen: 54.492 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

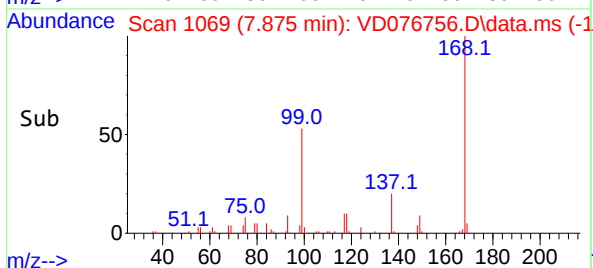
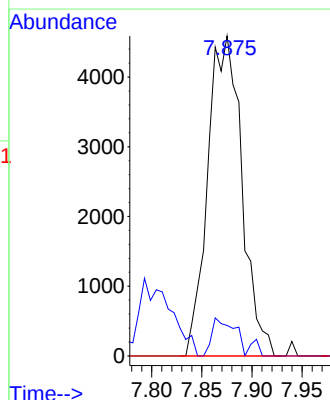
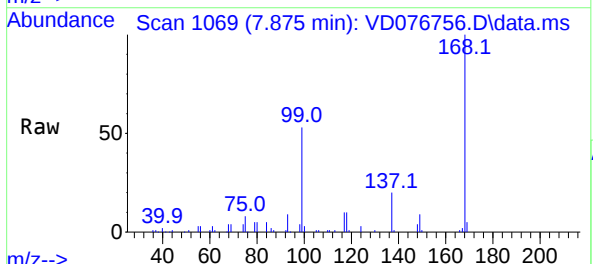
Instrument :
MSVOA_D
ClientSampleId :
SB-10-(0.5-2.0)

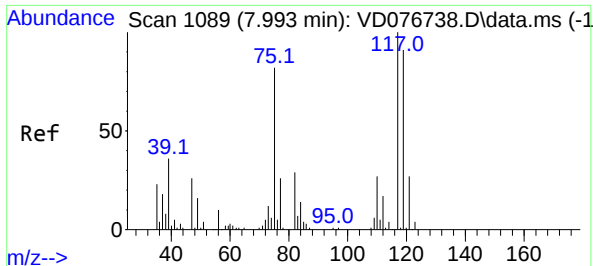
Tgt Ion:113 Resp: 106337
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 16.3 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 4.257 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

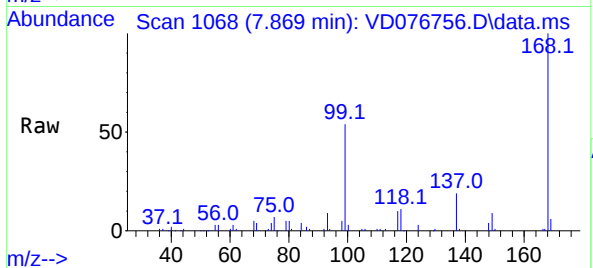
Tgt Ion: 75 Resp: 10856
Ion Ratio Lower Upper
75 100
110 9.2 19.9 59.6#
77 0.0 24.7 37.1#



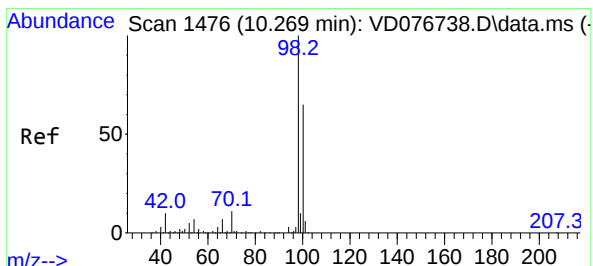
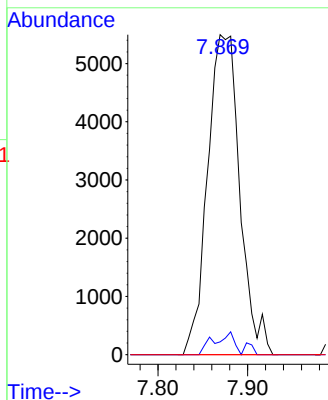
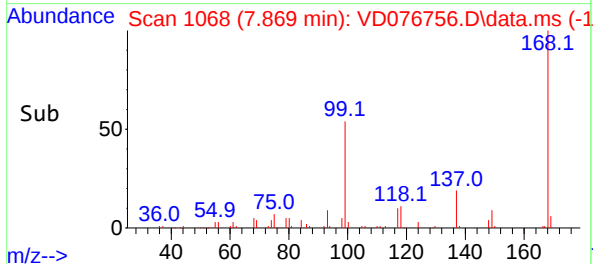


#38
Carbon Tetrachloride
Concen: 5.611 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
SB-10-(0.5-2.0)

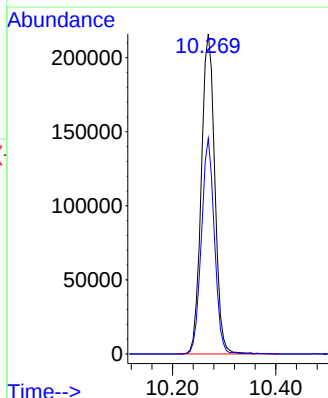
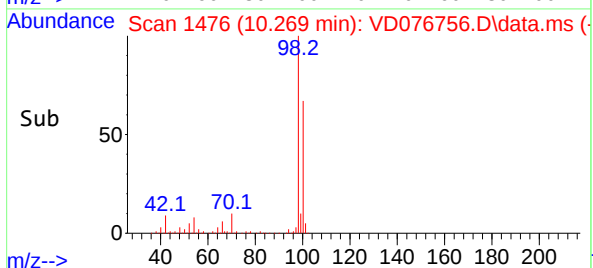
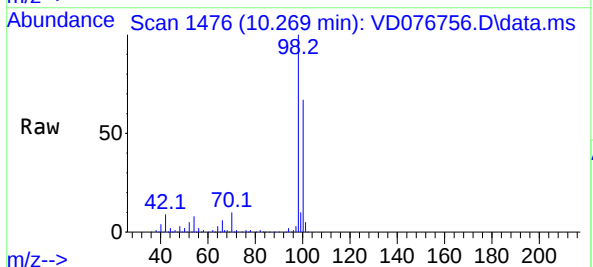


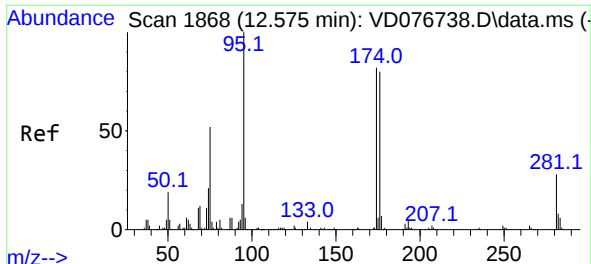
Tgt Ion:117 Resp: 13699
Ion Ratio Lower Upper
117 100
119 4.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 56.085 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Tgt Ion: 98 Resp: 391530
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5

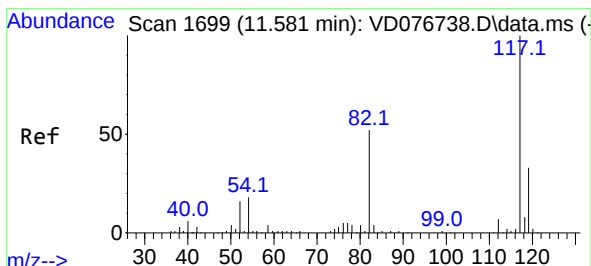
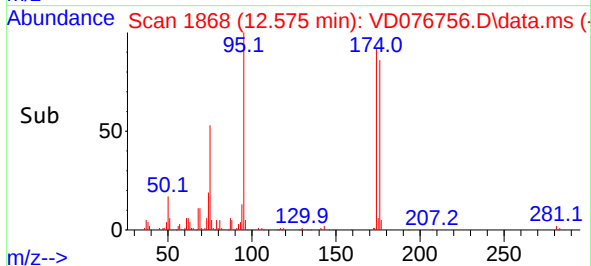
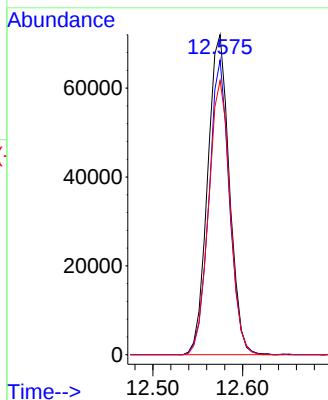
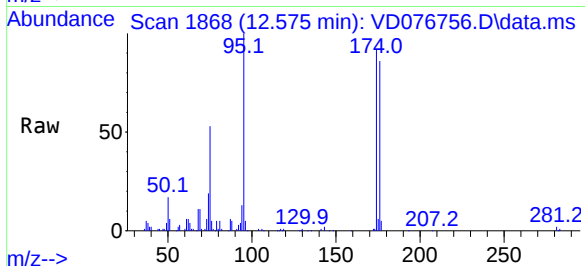




#62
4-Bromofluorobenzene
Concen: 53.511 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

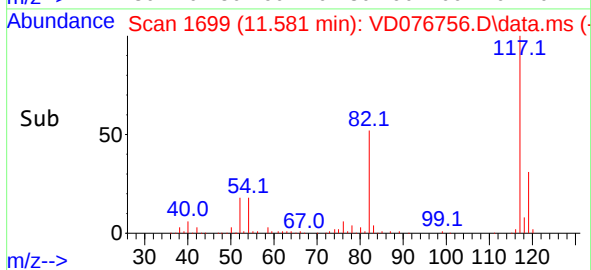
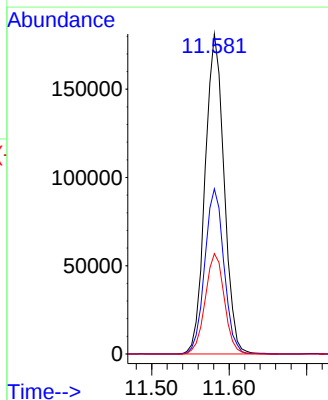
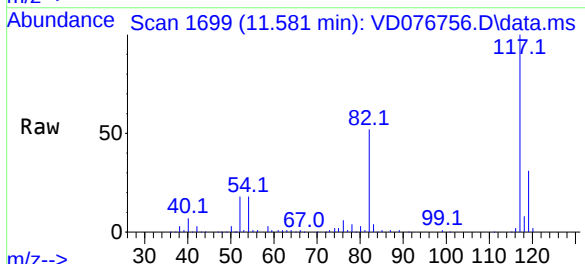
Instrument :
MSVOA_D
ClientSampleId :
SB-10-(0.5-2.0)

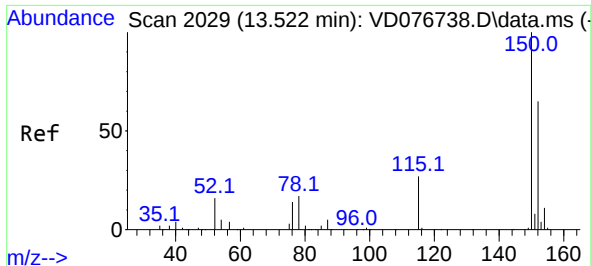
Tgt Ion: 95 Resp: 120848
Ion Ratio Lower Upper
95 100
174 87.0 0.0 201.8
176 84.5 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Tgt Ion: 117 Resp: 307752
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 31.4 25.0 37.4

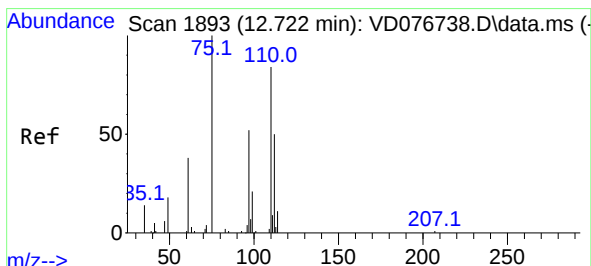
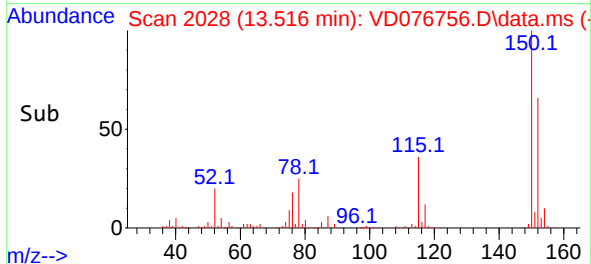
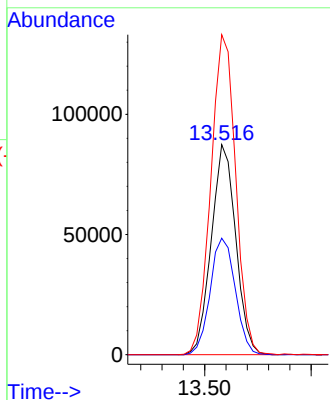
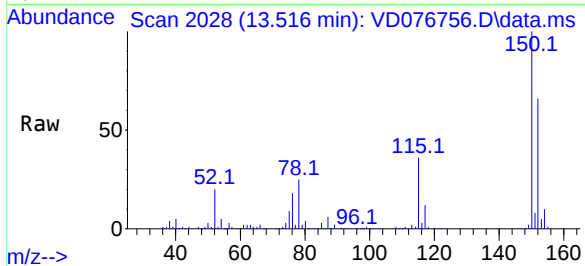




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076756.D
 Acq: 17 Jul 2023 15:57

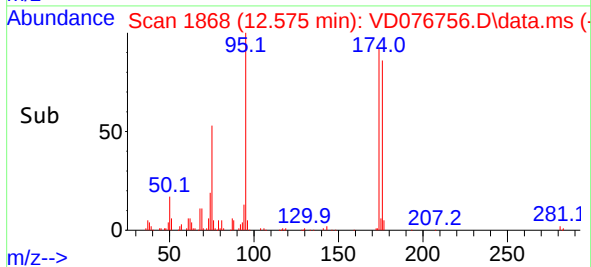
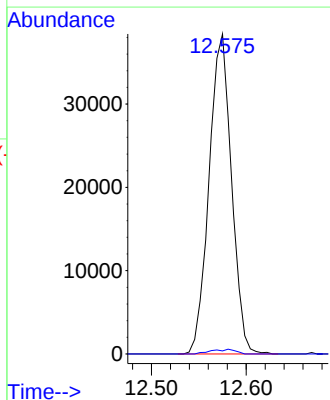
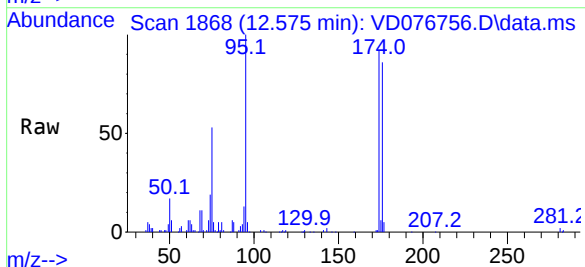
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 SB-10-(0.5-2.0)

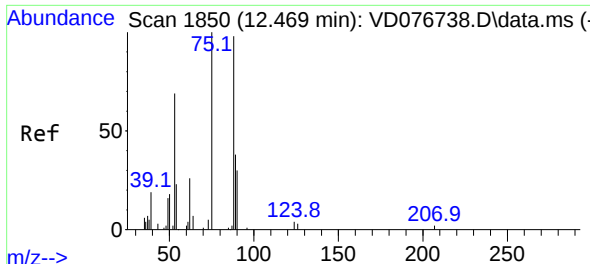
Tgt Ion:152 Resp: 139423
 Ion Ratio Lower Upper
 152 100
 115 56.9 27.1 81.3
 150 154.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 47.628 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076756.D
 Acq: 17 Jul 2023 15:57

Tgt Ion: 75 Resp: 63150
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

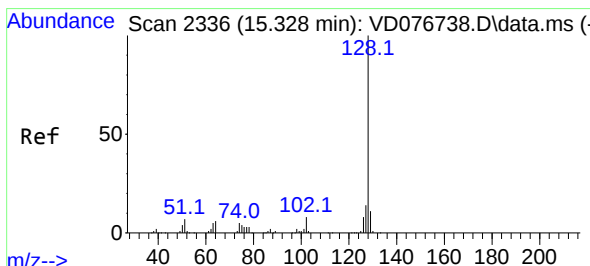
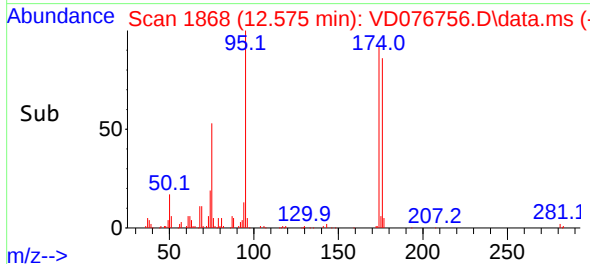
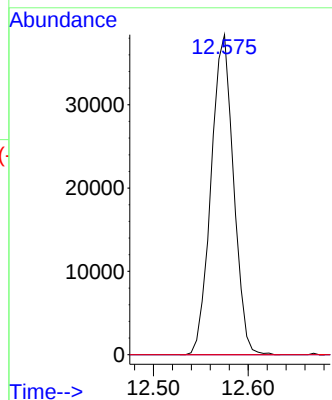
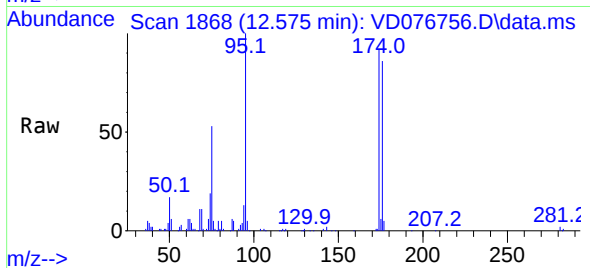




#81
trans-1,4-Dichloro-2-butene
Concen: 101.365 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
SB-10-(0.5-2.0)

Tgt Ion: 75 Resp: 63150
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 8.844 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Tgt Ion:128 Resp: 49472
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 11.1 8.7 13.1

