

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076754.D
 Acq On : 17 Jul 2023 15:01
 Operator : KP/SY
 Sample : 03645-04
 Misc : 5.67G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-(0.5-2.0)

Quant Time: Jul 18 01:23:29 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)

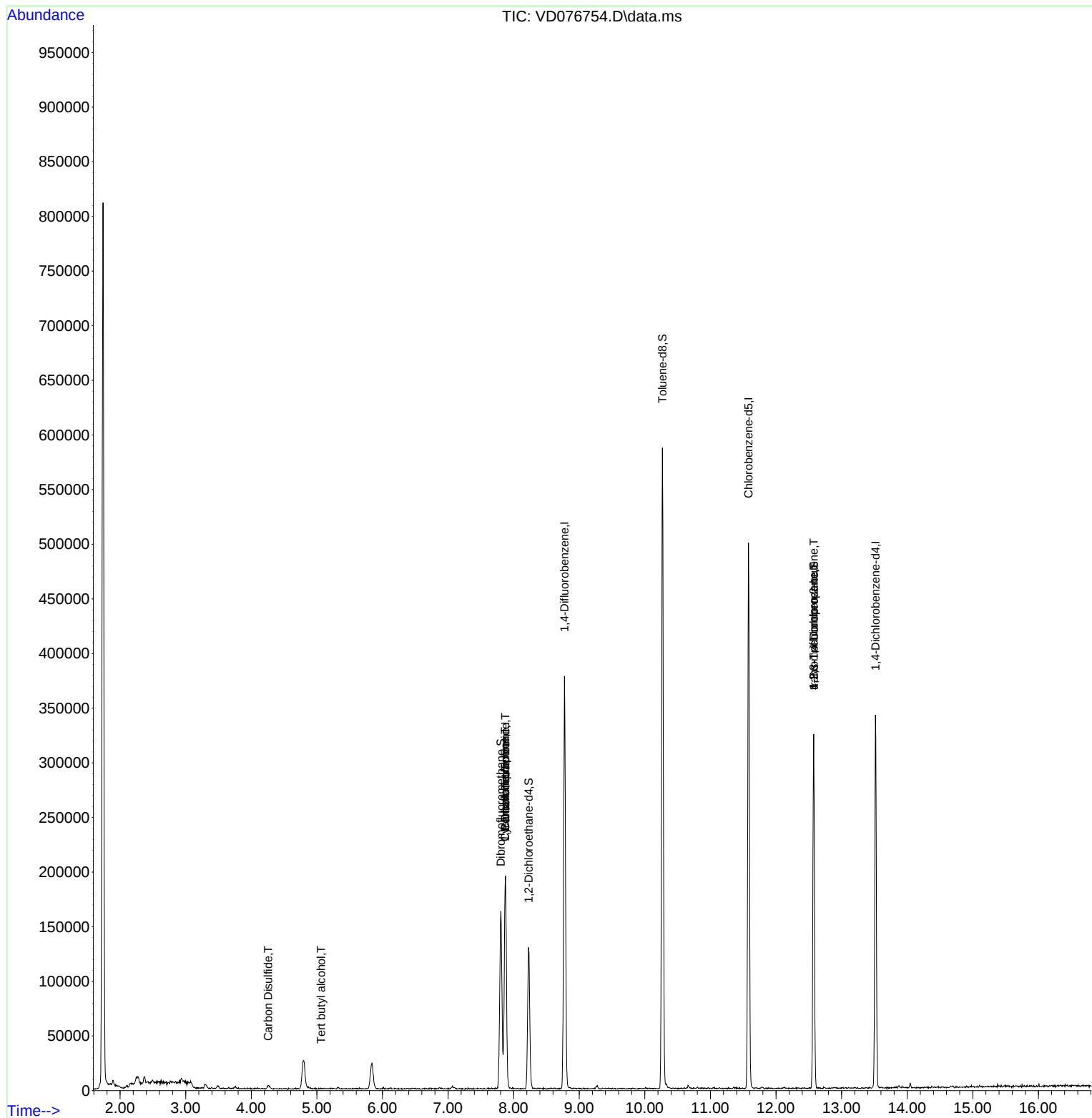
Internal Standards						
1) Pentafluorobenzene	7.875	168	151025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98541	65.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.020%			
35) Dibromofluoromethane	7.805	113	118036	55.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.740%			
50) Toluene-d8	10.269	98	418205	54.840	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.680%			
62) 4-Bromofluorobenzene	12.575	95	100296	40.656	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.320%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.063	59	130	1.158	ug/l #	73
17) Carbon Disulfide	4.258	76	5724	1.642	ug/l #	76
20) Methylene Chloride	4.811	84	21586	Below Cal		95
31) Cyclohexane	7.869	56	3656	1.651	ug/l #	46
36) 1,1-Dichloropropene	7.869	75	11785	4.231	ug/l #	48
38) Carbon Tetrachloride	7.875	117	15160	5.684	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	50985	58.058	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	50985	123.563	ug/l #	17

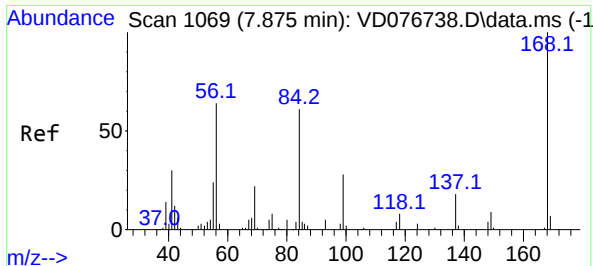
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

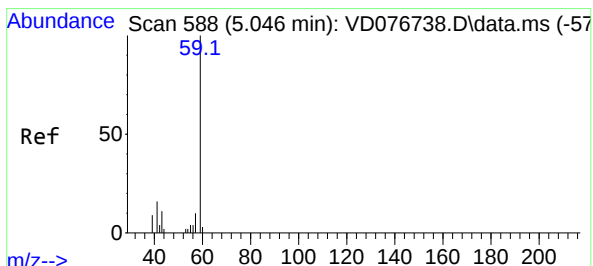
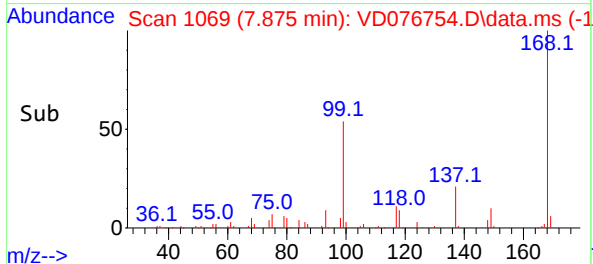
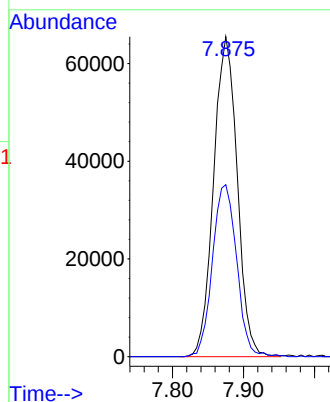
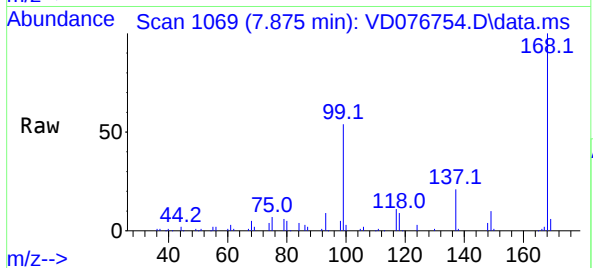




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

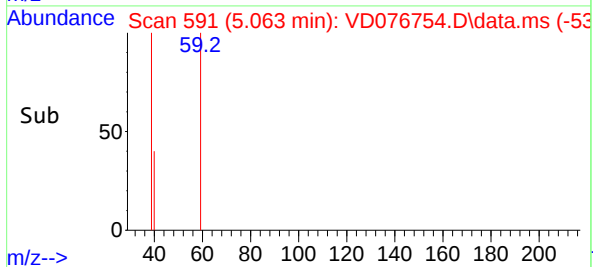
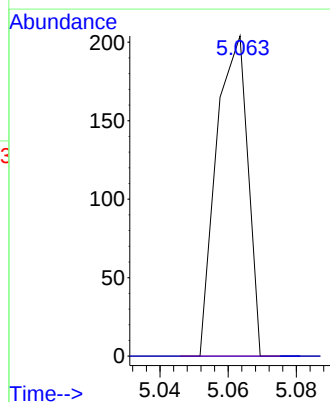
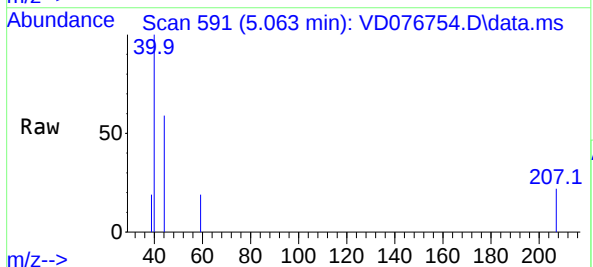
Instrument :
MSVOA_D
ClientSampleId :
SB-08-(0.5-2.0)

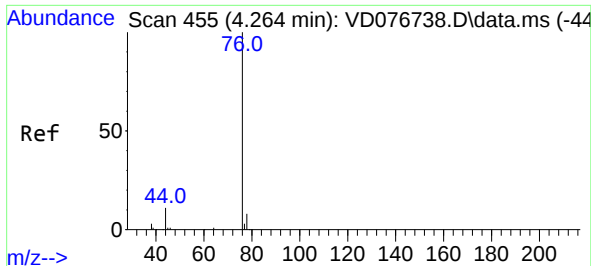
Tgt Ion:168 Resp: 151025
Ion Ratio Lower Upper
168 100
99 53.8 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.158 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

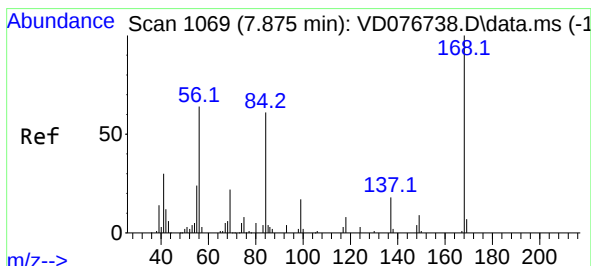
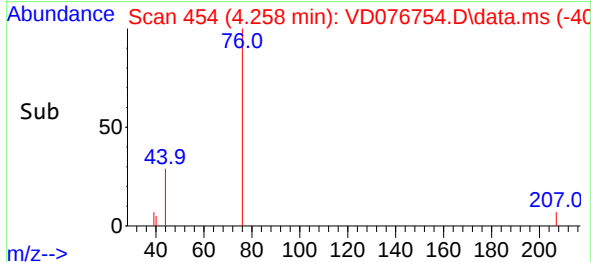
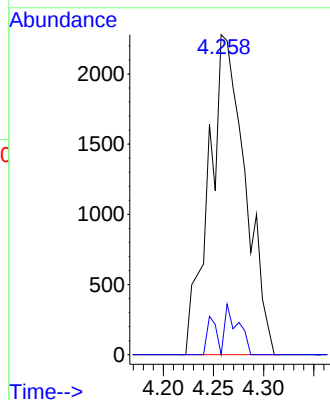
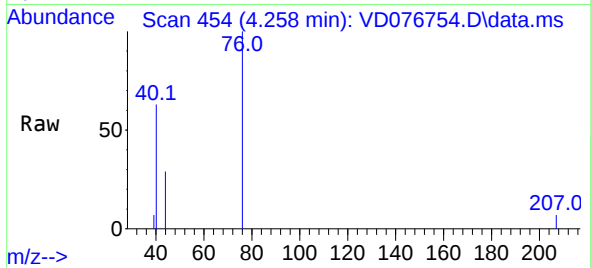




#17
Carbon Disulfide
Concen: 1.642 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

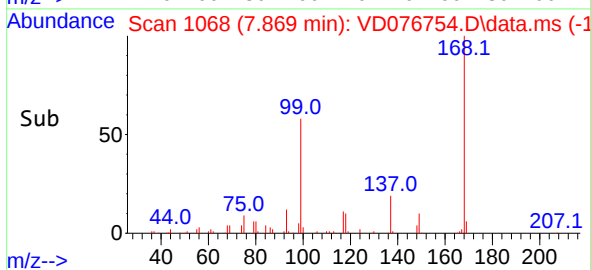
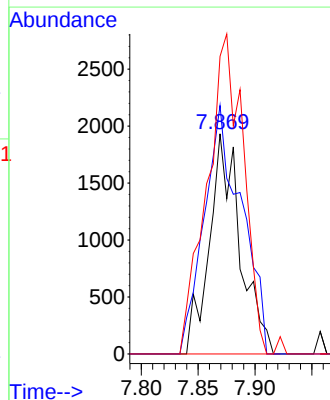
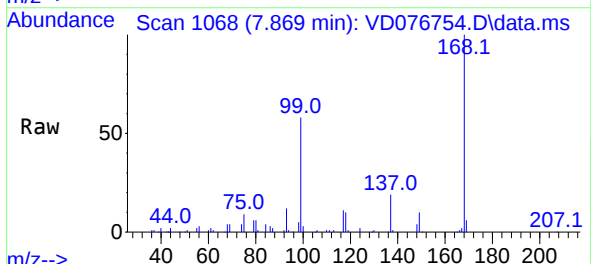
Instrument :
MSVOA_D
ClientSampleId :
SB-08-(0.5-2.0)

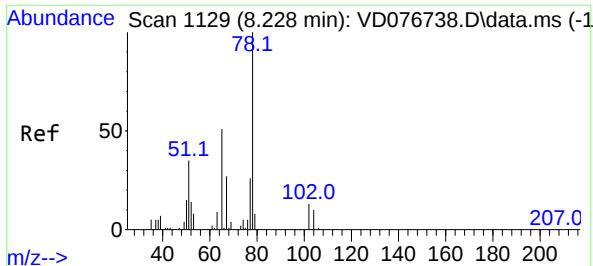
Tgt Ion: 76 Resp: 5724
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#31
Cyclohexane
Concen: 1.651 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

Tgt Ion: 56 Resp: 3656
Ion Ratio Lower Upper
56 100
69 112.8 28.6 43.0#
84 135.2 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 65.508 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076754.D

Acq: 17 Jul 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

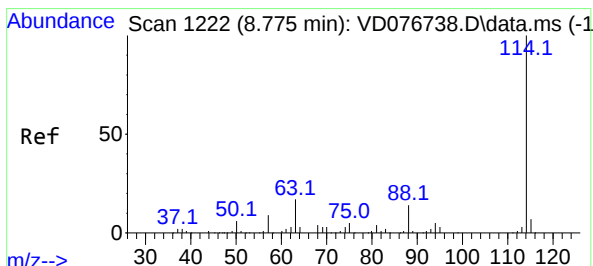
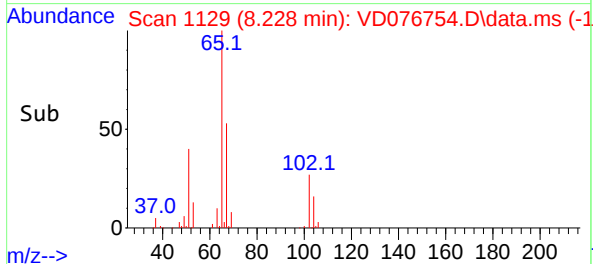
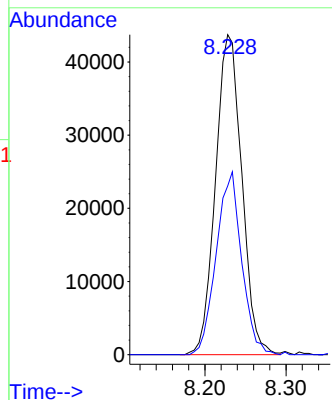
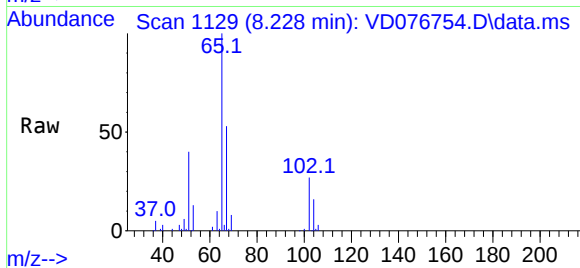
SB-08-(0.5-2.0)

Tgt Ion: 65 Resp: 98541

Ion Ratio Lower Upper

65 100

67 55.2 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: VD076754.D

Acq: 17 Jul 2023 15:01

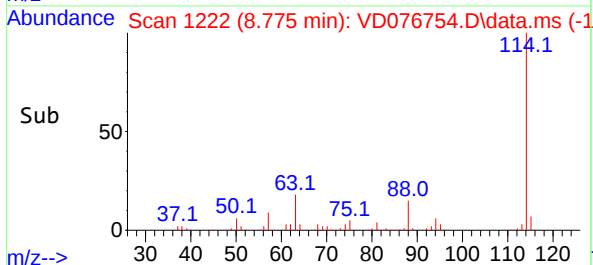
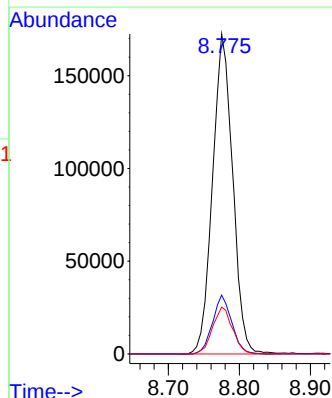
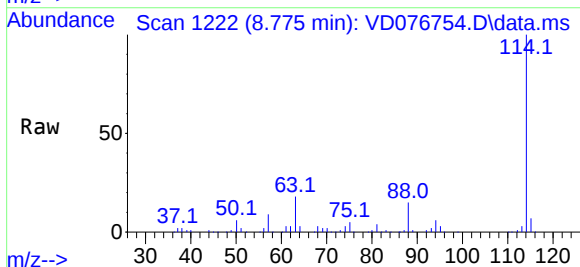
Tgt Ion: 114 Resp: 339221

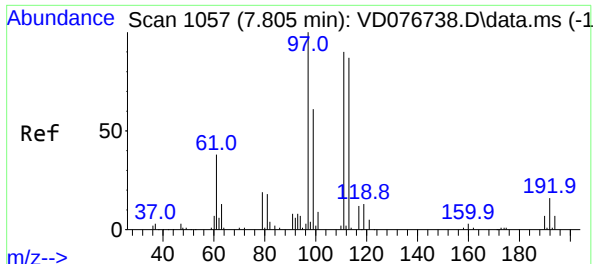
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.7 0.0 26.2

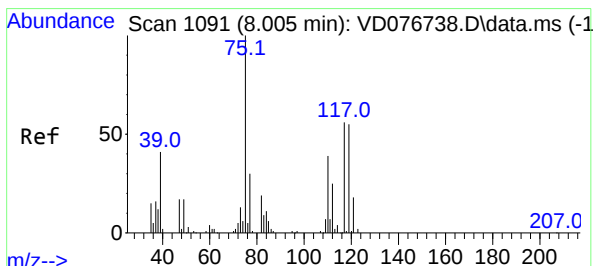
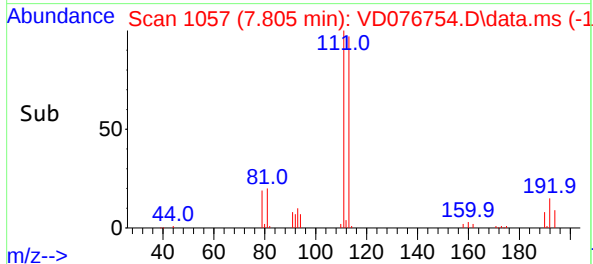
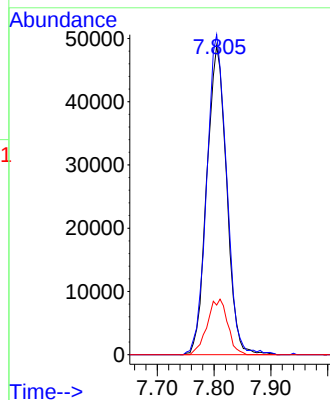
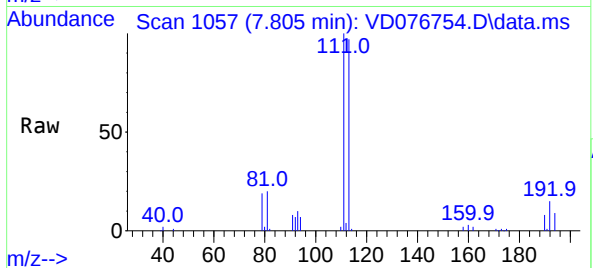




#35
Dibromofluoromethane
Concen: 55.372 ug/l
RT: 7.805 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

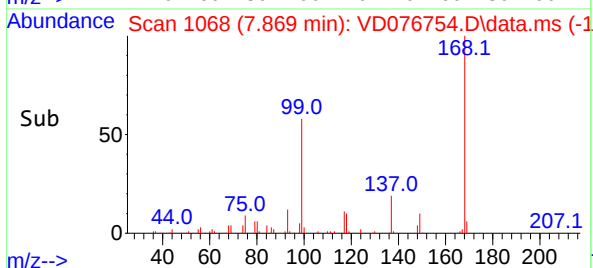
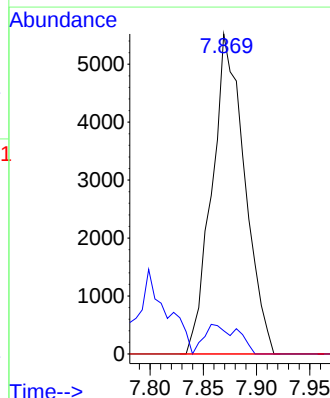
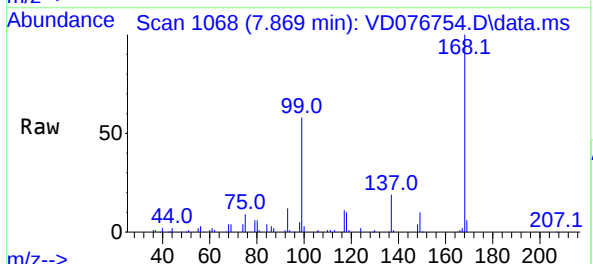
Instrument :
MSVOA_D
ClientSampleId :
SB-08-(0.5-2.0)

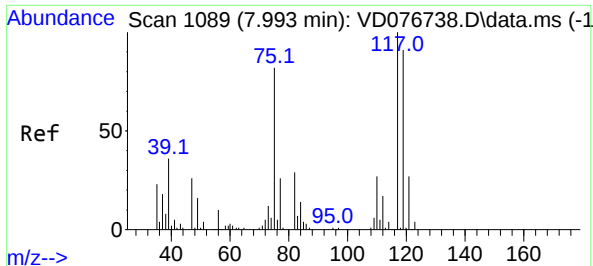
Tgt Ion:113 Resp: 118036
Ion Ratio Lower Upper
113 100
111 104.0 84.7 127.1
192 18.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.231 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

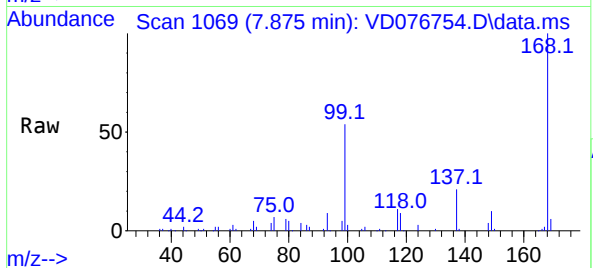
Tgt Ion: 75 Resp: 11785
Ion Ratio Lower Upper
75 100
110 9.4 19.9 59.6#
77 0.0 24.7 37.1#



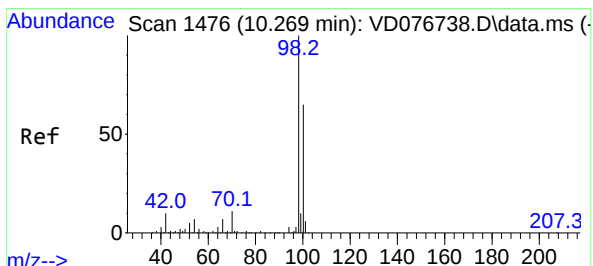
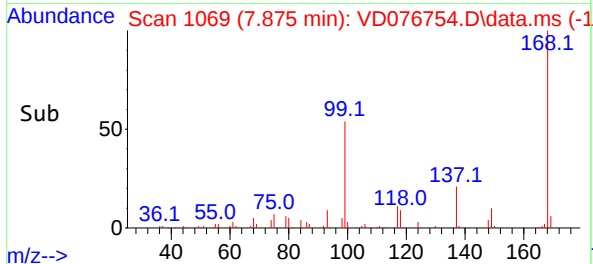
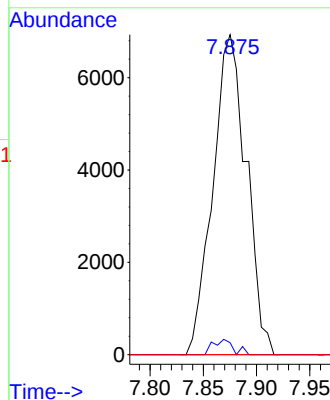


#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :
SB-08-(0.5-2.0)

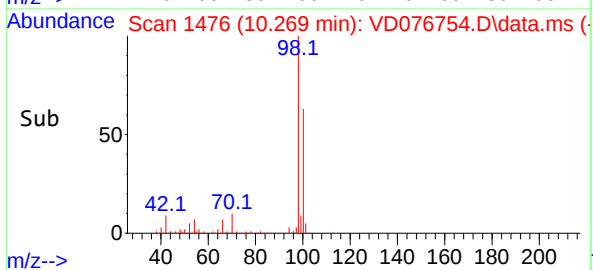
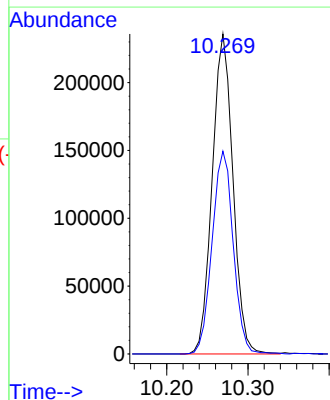
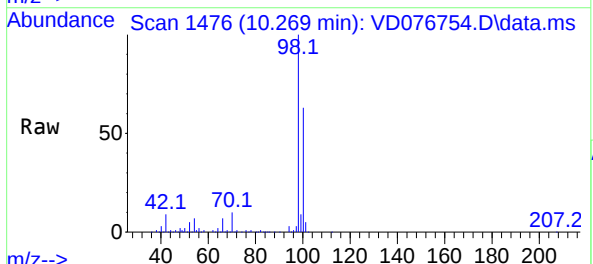


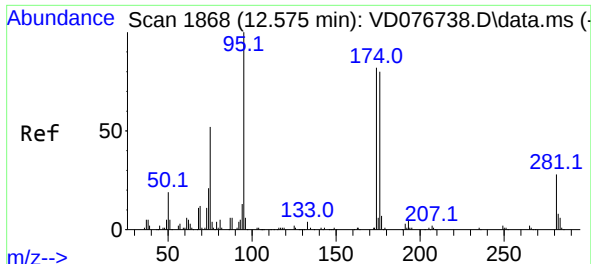
Tgt Ion:117 Resp: 15160
Ion Ratio Lower Upper
117 100
119 3.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.840 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

Tgt Ion: 98 Resp: 418205
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5

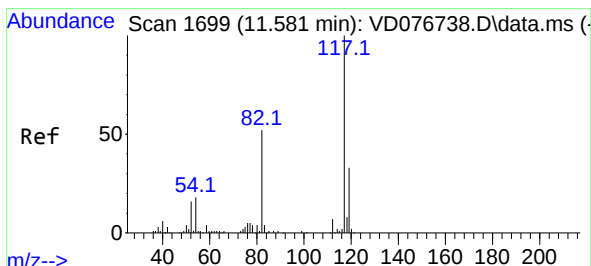
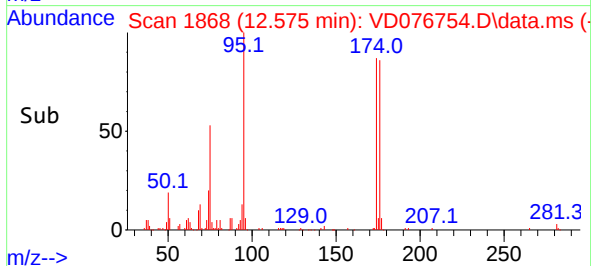
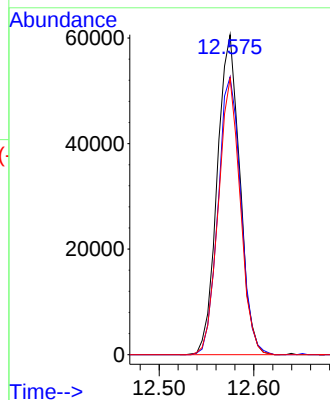
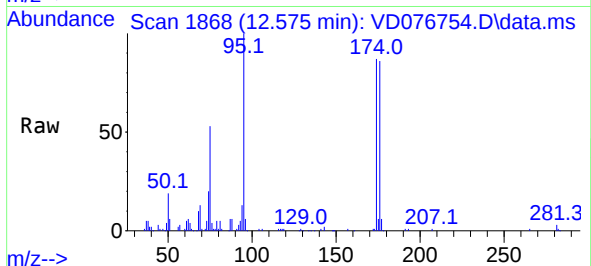




#62
4-Bromofluorobenzene
Concen: 40.656 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

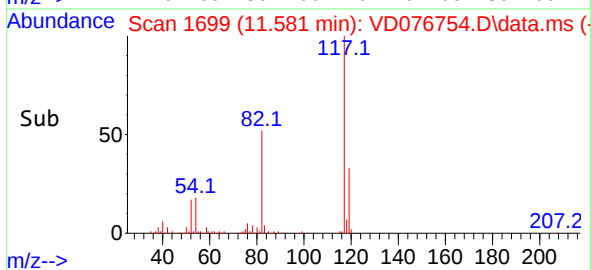
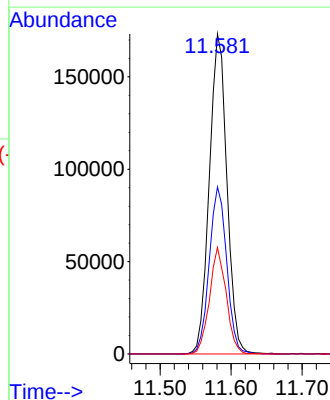
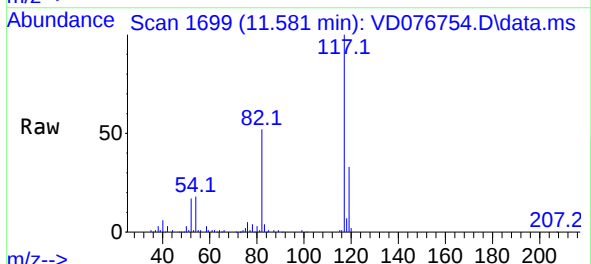
Instrument :
MSVOA_D
ClientSampleId :
SB-08-(0.5-2.0)

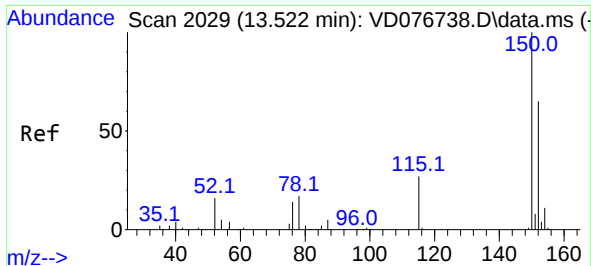
Tgt Ion: 95 Resp: 100296
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 83.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

Tgt Ion: 117 Resp: 298250
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 33.3 25.0 37.4

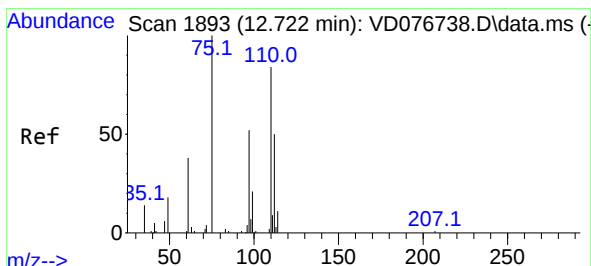
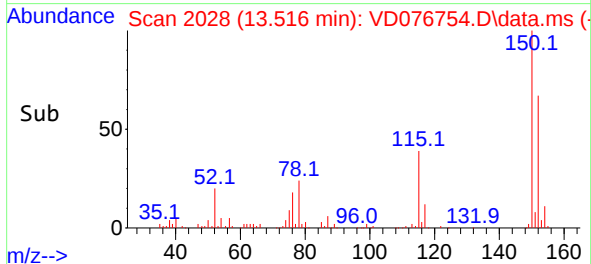
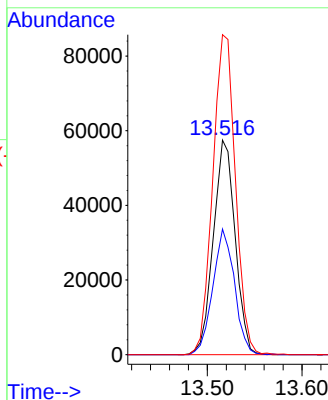
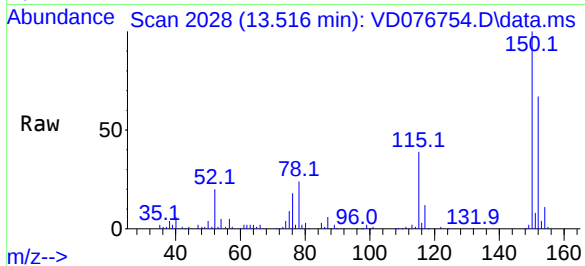




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076754.D
 Acq: 17 Jul 2023 15:01

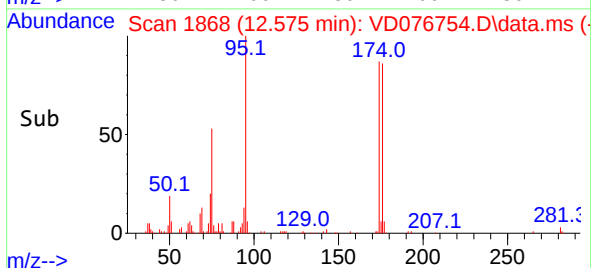
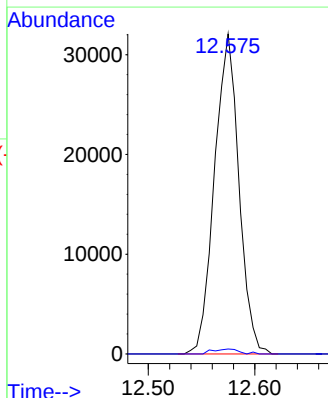
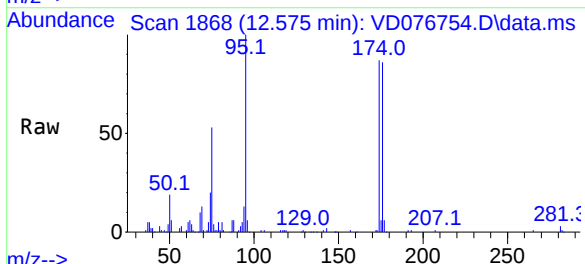
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-(0.5-2.0)

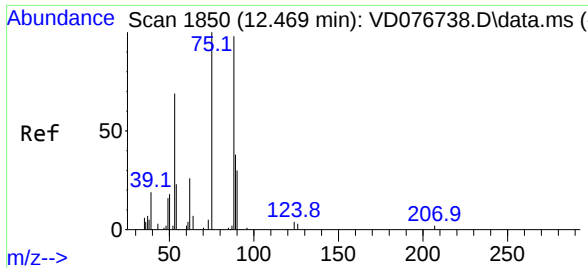
Tgt Ion:152 Resp: 92343
 Ion Ratio Lower Upper
 152 100
 115 58.1 27.1 81.3
 150 154.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 58.058 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076754.D
 Acq: 17 Jul 2023 15:01

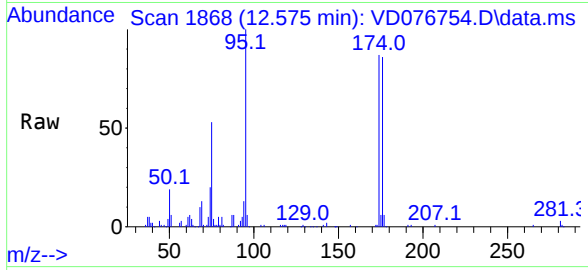
Tgt Ion: 75 Resp: 50985
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.563 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076754.D
 Acq: 17 Jul 2023 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-(0.5-2.0)



Tgt Ion:	75	Resp:	50985
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.2	37.9	56.9#

