

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076755.D
 Acq On : 17 Jul 2023 15:29
 Operator : KP/SY
 Sample : 03645-05
 Misc : 4.29G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-(2.0-4.0)

Quant Time: Jul 18 01:23:38 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)

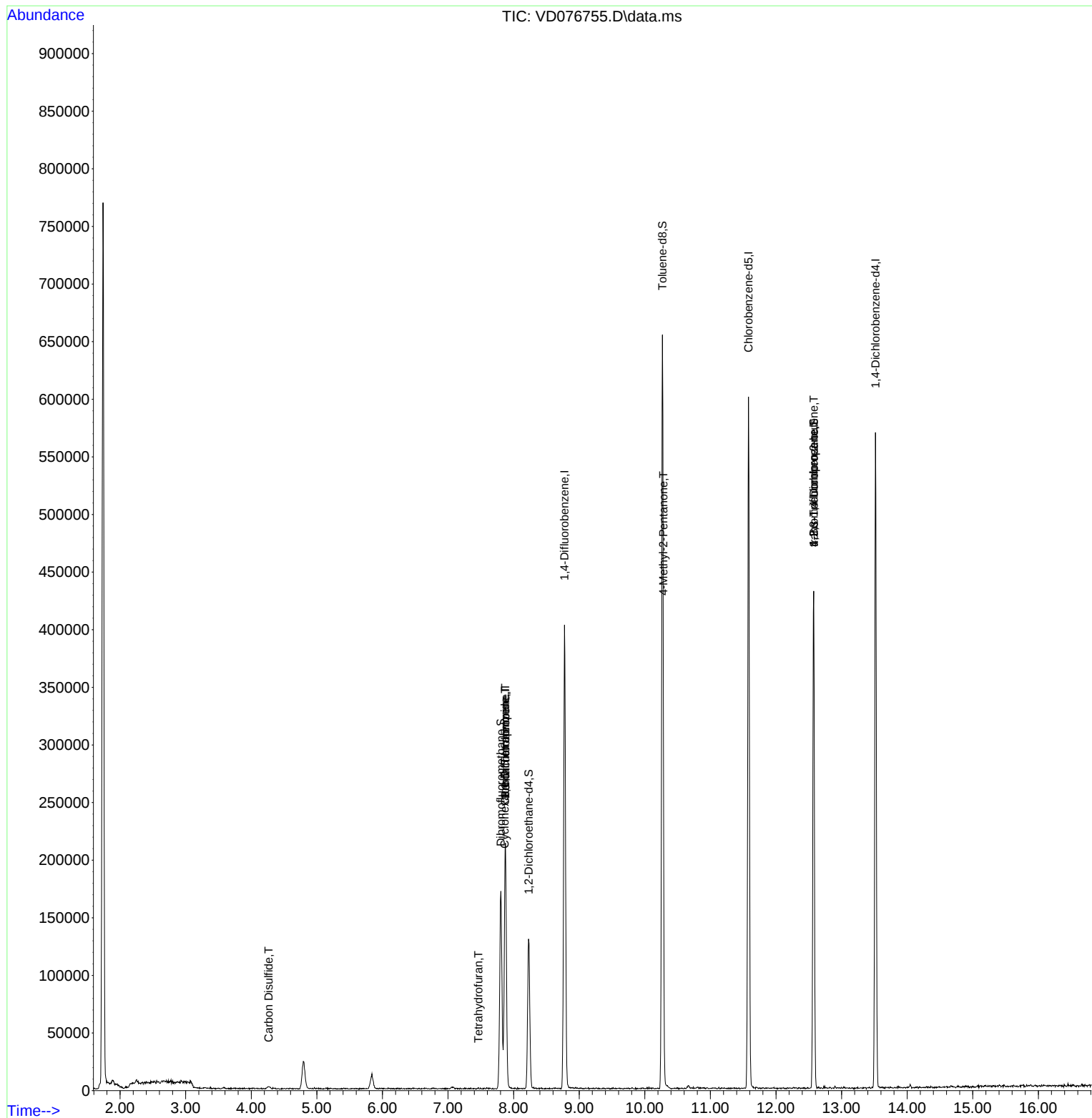
Internal Standards						
1) Pentafluorobenzene	7.875	168	163319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	370057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	357989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103720	63.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.520%	
35) Dibromofluoromethane	7.805	113	124112	53.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.740%	
50) Toluene-d8	10.269	98	460958	55.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.820%	
62) 4-Bromofluorobenzene	12.575	95	137641	51.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.280%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.264	76	4201	1.115	ug/l #	76
20) Methylene Chloride	4.805	84	20214	Below Cal		90
29) Tetrahydrofuran	7.463	42	327	1.064	ug/l #	23
31) Cyclohexane	7.863	56	3686	1.540	ug/l #	78
36) 1,1-Dichloropropene	7.875	75	13641	4.489	ug/l #	48
38) Carbon Tetrachloride	7.869	117	16973	5.833	ug/l #	18
51) 4-Methyl-2-Pentanone	10.281	43	1616	1.144	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	71595	49.361	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	71595	105.053	ug/l #	17

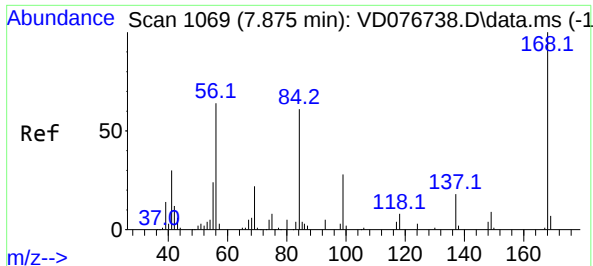
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

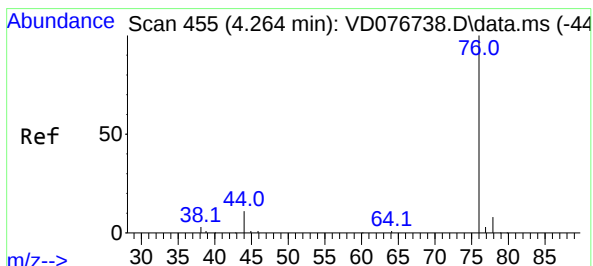
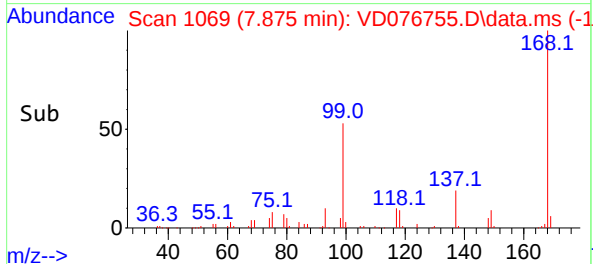
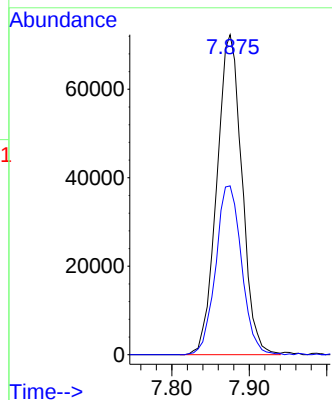
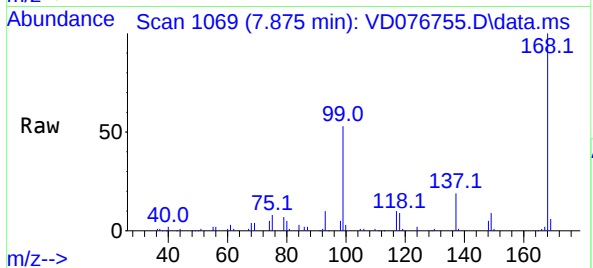




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

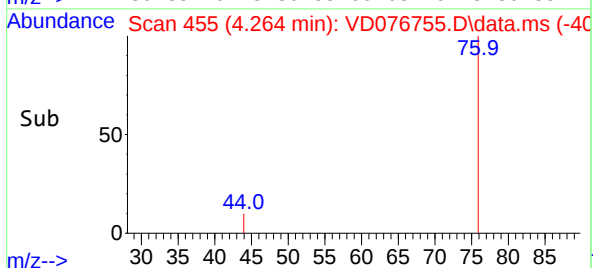
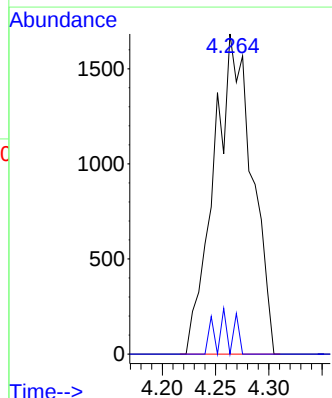
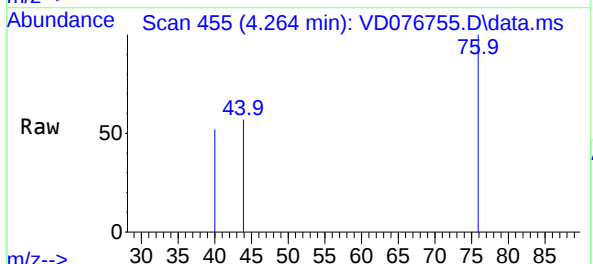
Instrument :
MSVOA_D
ClientSampleId :
SB-09-(2.0-4.0)

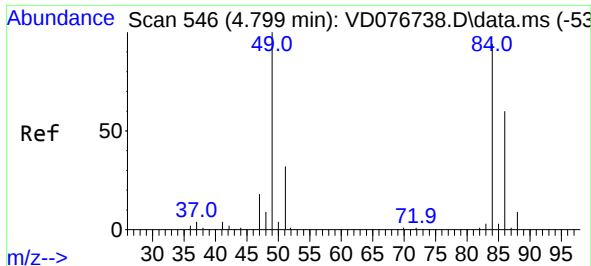
Tgt Ion:168 Resp: 163319
Ion Ratio Lower Upper
168 100
99 52.7 36.7 55.1



#17
Carbon Disulfide
Concen: 1.115 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

Tgt Ion: 76 Resp: 4201
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



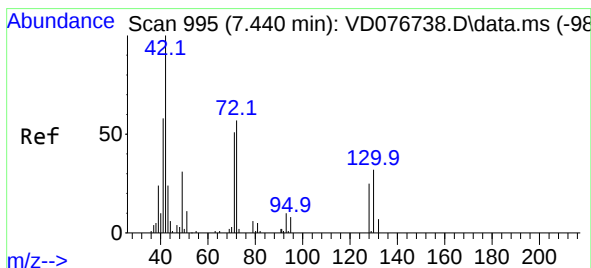
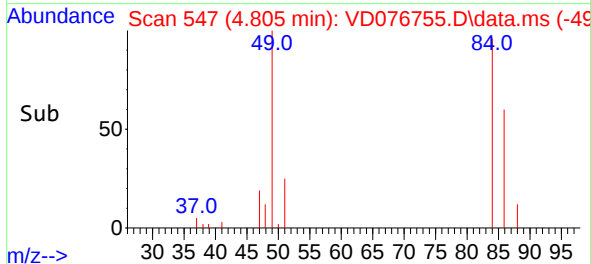
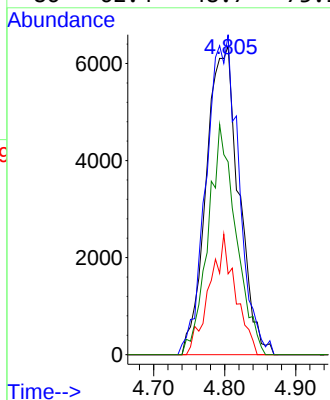
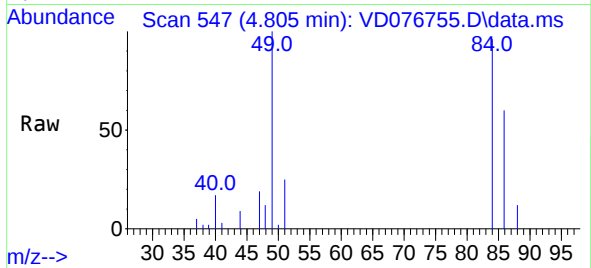


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

Instrument :
MSVOA_D
ClientSampleId :
SB-09-(2.0-4.0)

Tgt Ion: 84 Resp: 20214

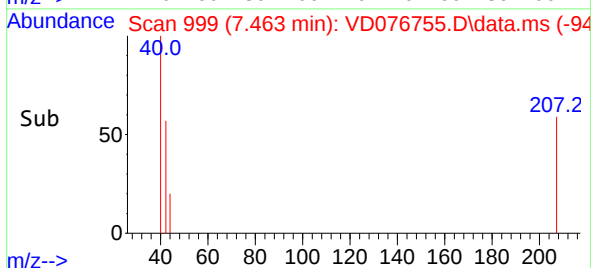
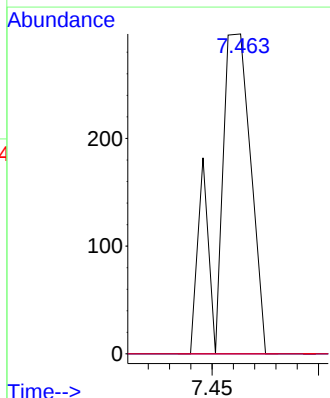
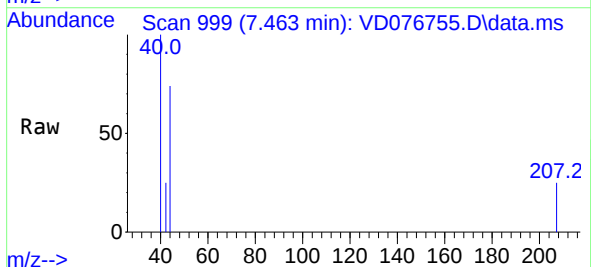
Ion	Ratio	Lower	Upper
84	100		
49	103.7	71.4	107.2
51	26.2	24.5	36.7
86	62.4	48.7	73.1

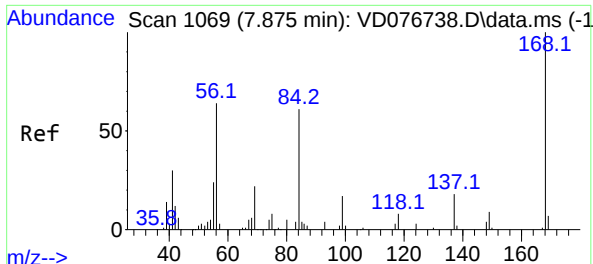


#29
Tetrahydrofuran
Concen: 1.064 ug/l
RT: 7.463 min Scan# 999
Delta R.T. 0.023 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

Tgt Ion: 42 Resp: 327

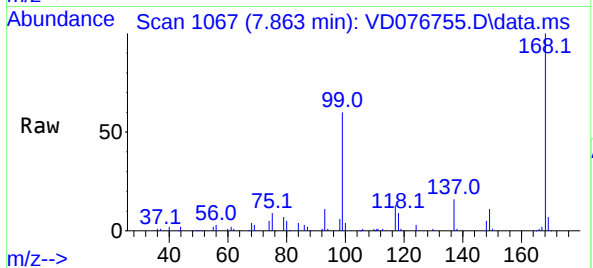
Ion	Ratio	Lower	Upper
42	100		
72	0.0	46.5	69.7#
71	0.0	44.5	66.7#



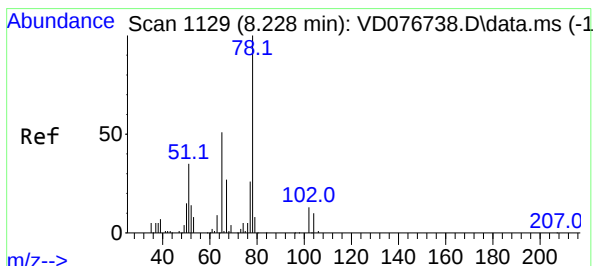
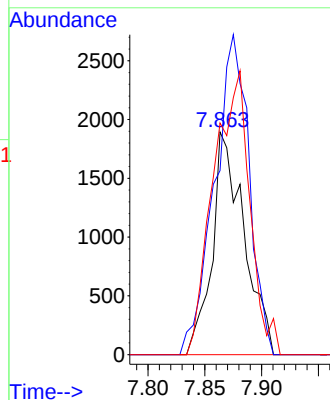
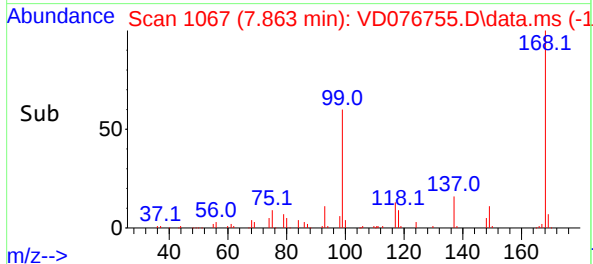


#31
Cyclohexane
Concen: 1.540 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

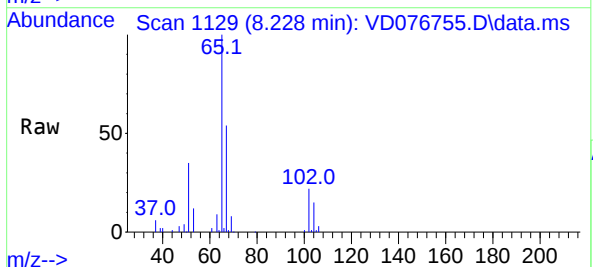
Instrument :
MSVOA_D
ClientSampleId :
SB-09-(2.0-4.0)



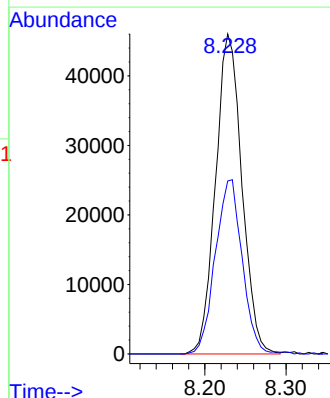
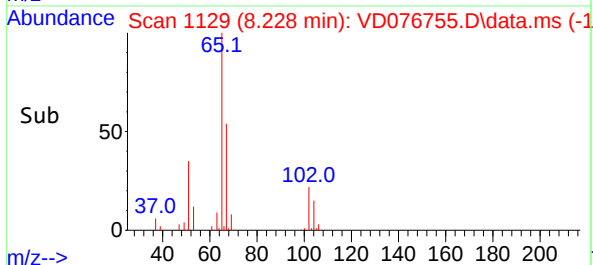
Tgt Ion: 56 Resp: 3686
Ion Ratio Lower Upper
56 100
69 82.7 28.6 43.0#
84 104.0 84.8 127.2

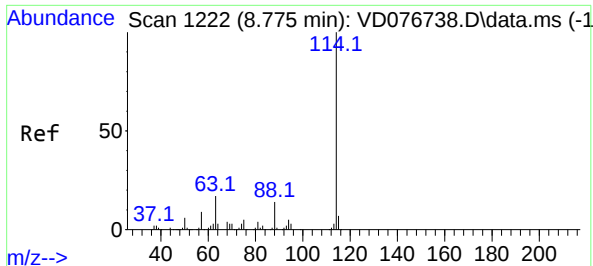


#33
1,2-Dichloroethane-d4
Concen: 63.761 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29



Tgt Ion: 65 Resp: 103720
Ion Ratio Lower Upper
65 100
67 55.8 0.0 115.0

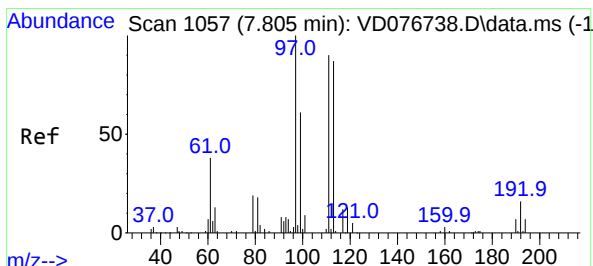
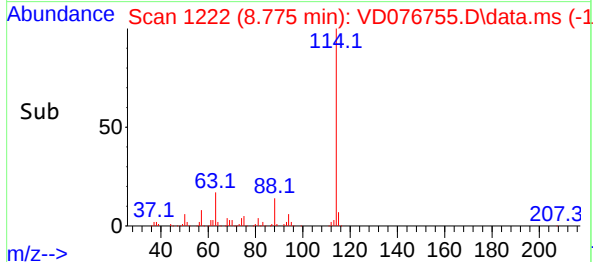
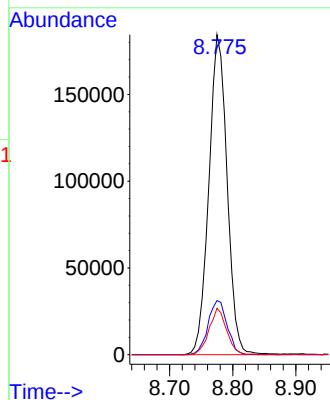
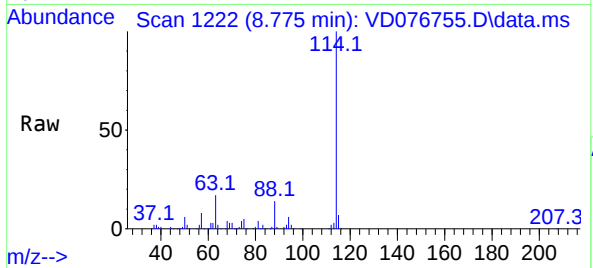




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

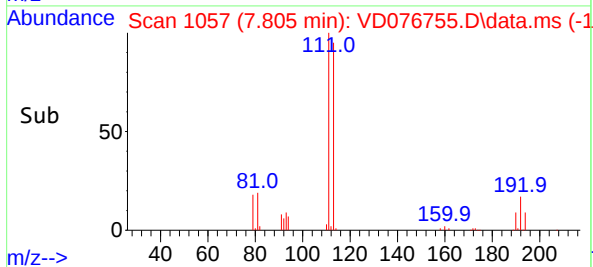
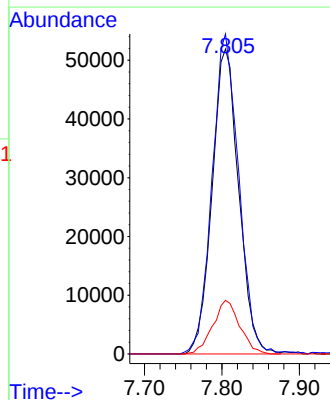
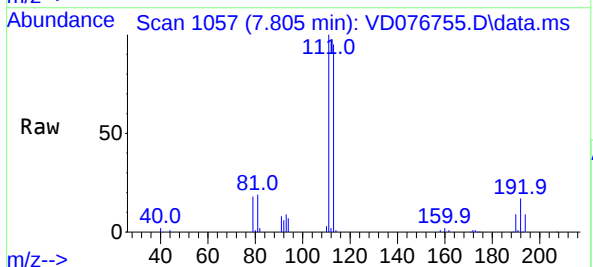
Instrument :
MSVOA_D
ClientSampleId :
SB-09-(2.0-4.0)

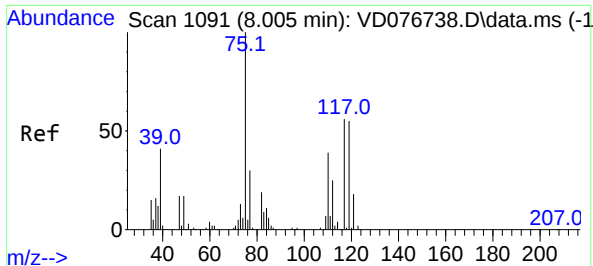
Tgt Ion:114 Resp: 370057
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.4
88 14.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.371 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

Tgt Ion:113 Resp: 124112
Ion Ratio Lower Upper
113 100
111 104.7 84.7 127.1
192 17.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.489 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076755.D

Acq: 17 Jul 2023 15:29

Instrument :

MSVOA_D

ClientSampleId :

SB-09-(2.0-4.0)

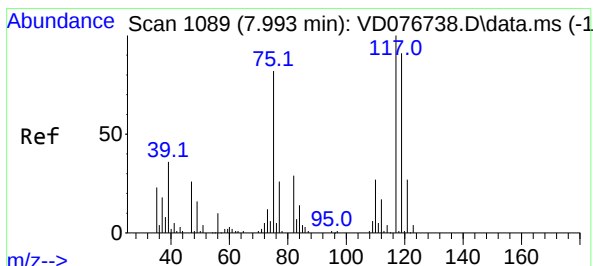
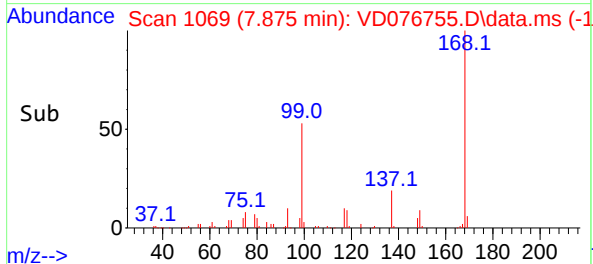
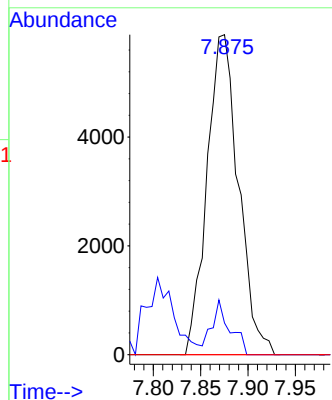
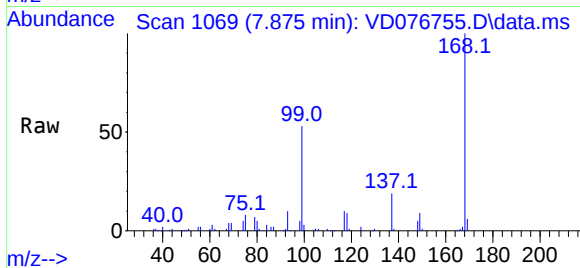
Tgt Ion: 75 Resp: 13641

Ion Ratio Lower Upper

75 100

110 9.7 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.833 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD076755.D

Acq: 17 Jul 2023 15:29

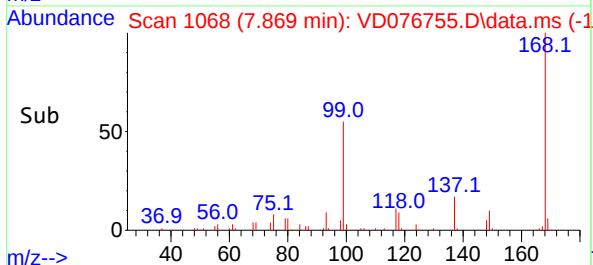
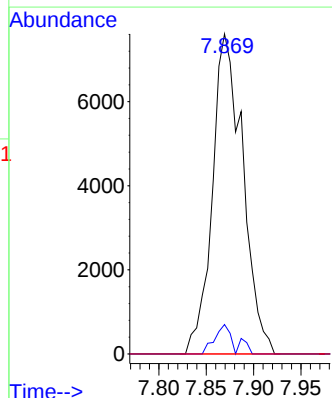
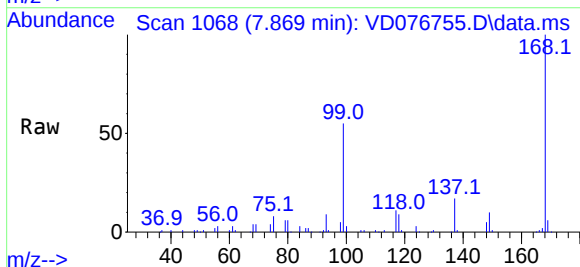
Tgt Ion: 117 Resp: 16973

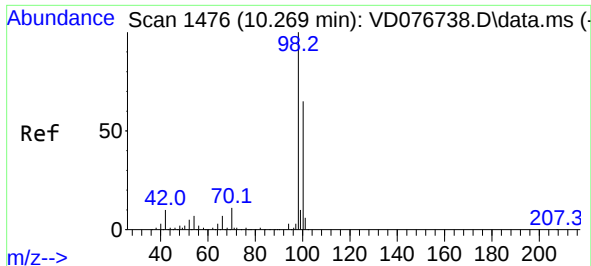
Ion Ratio Lower Upper

117 100

119 9.2 78.0 117.0#

121 0.0 24.2 36.2#

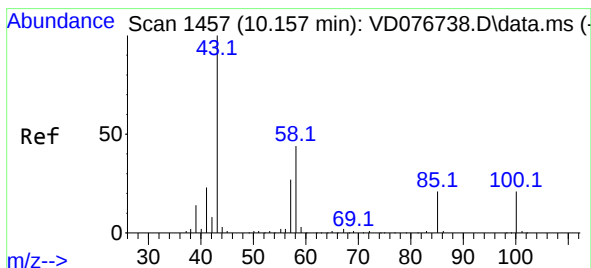
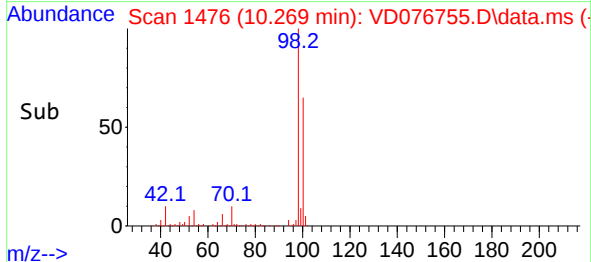
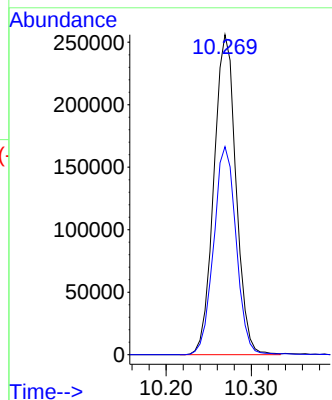
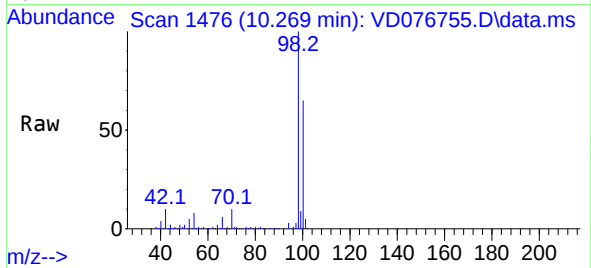




#50
Toluene-d8
Concen: 55.410 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

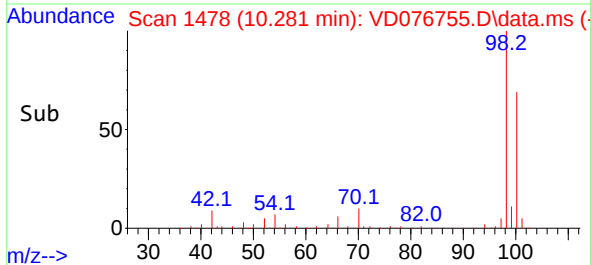
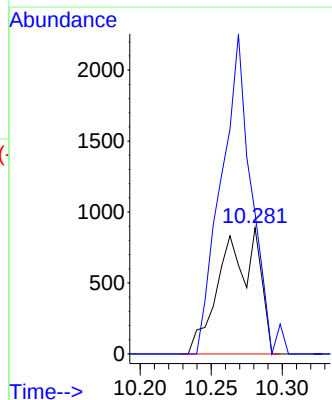
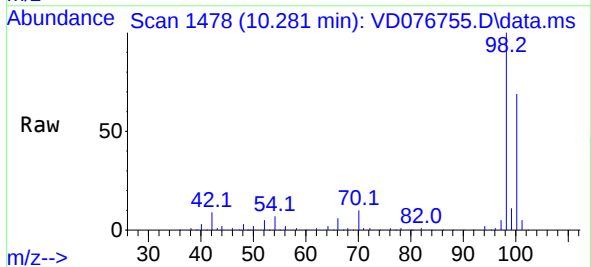
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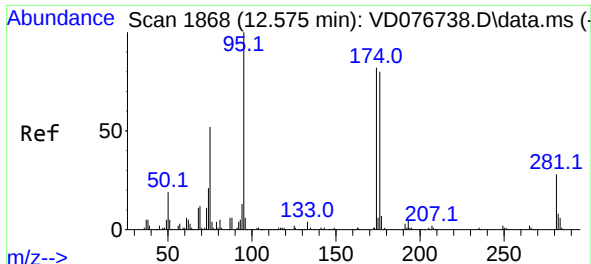
Tgt Ion: 98 Resp: 460958
Ion Ratio Lower Upper
98 100
100 66.2 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.144 ug/l
RT: 10.281 min Scan# 1478
Delta R.T. 0.124 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
58 207.5 38.9 58.3#

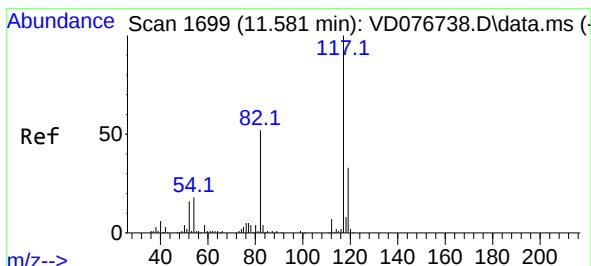
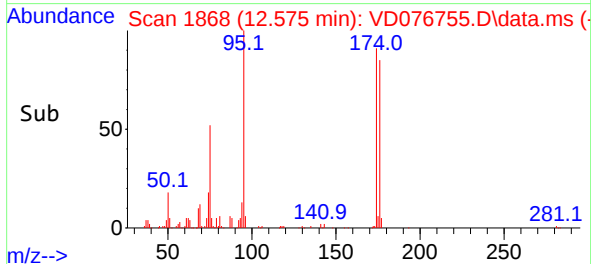
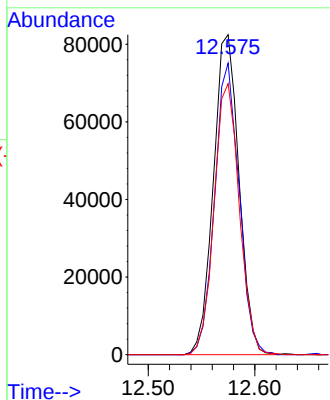
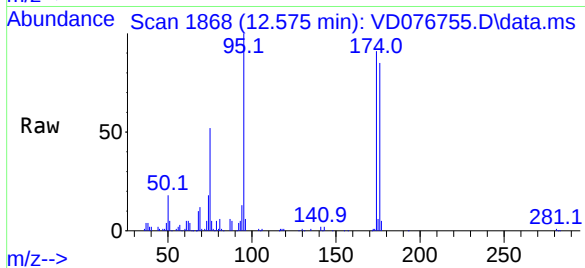




#62
4-Bromofluorobenzene
Concen: 51.144 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

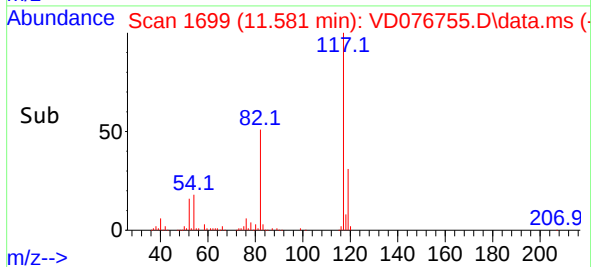
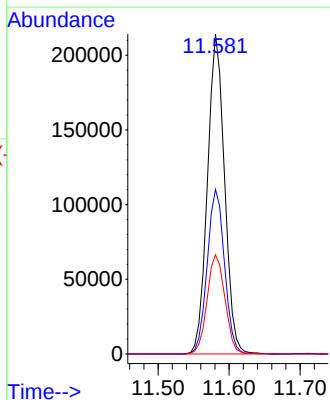
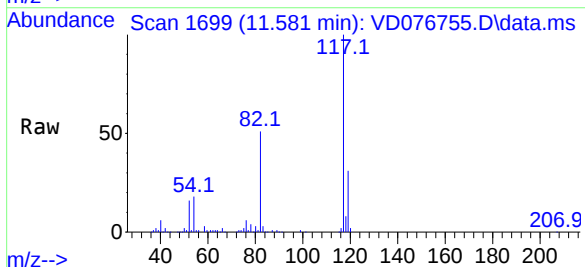
Instrument :
MSVOA_D
ClientSampleId :
SB-09-(2.0-4.0)

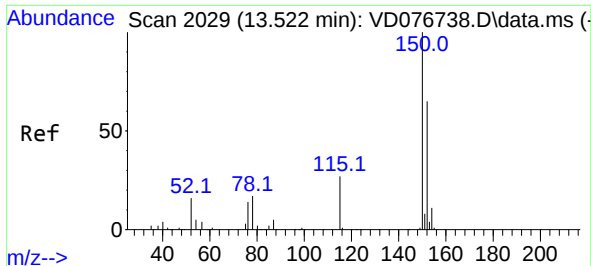
Tgt Ion:	95	Resp:	137641
Ion Ratio	Lower	Upper	
95	100		
174	87.0	0.0	201.8
176	83.5	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

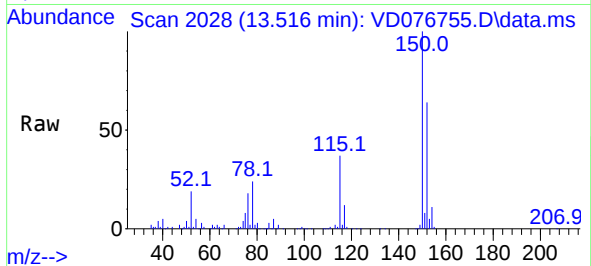
Tgt Ion:	117	Resp:	357989
Ion Ratio	Lower	Upper	
117	100		
82	51.4	38.3	57.5
119	31.0	25.0	37.4



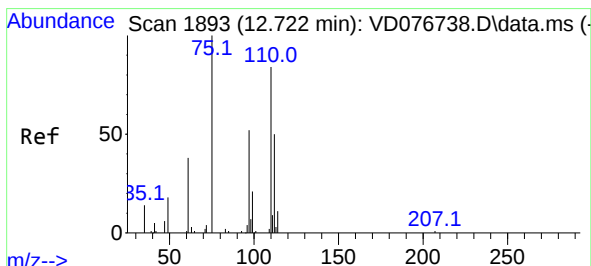
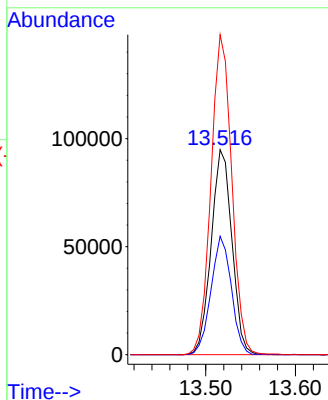
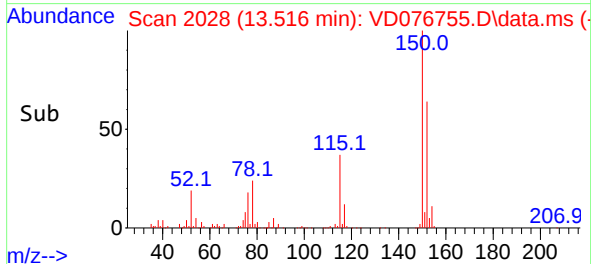


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

Instrument :
MSVOA_D
ClientSampleId :
SB-09-(2.0-4.0)

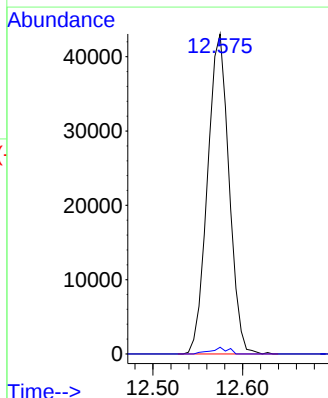
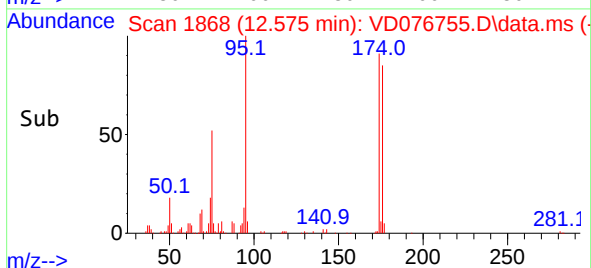
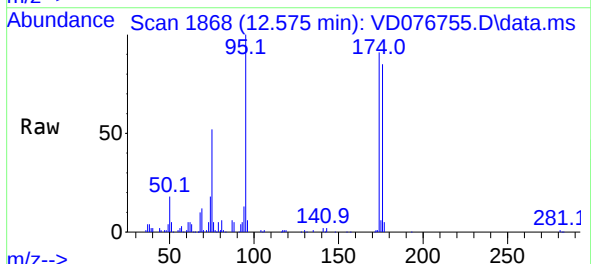


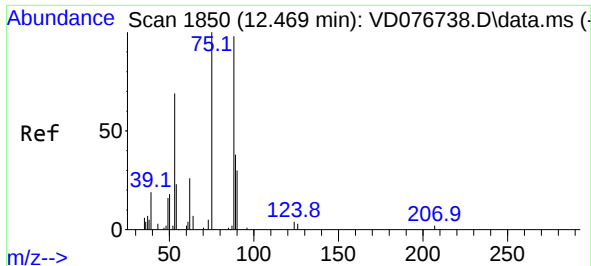
Tgt Ion:152 Resp: 152519
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 156.2 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 49.361 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076755.D
Acq: 17 Jul 2023 15:29

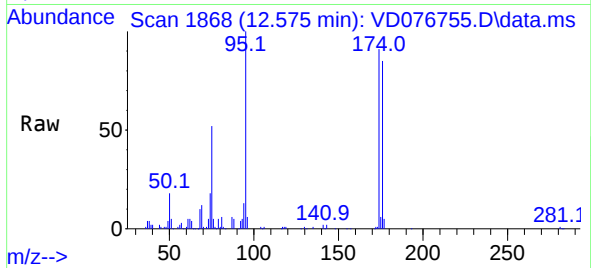
Tgt Ion: 75 Resp: 71595
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.053 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076755.D
 Acq: 17 Jul 2023 15:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-(2.0-4.0)



Tgt Ion:	75	Resp:	71595
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

