

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074804.D
 Acq On : 08 Nov 2022 15:07
 Operator : VA/SY
 Sample : N5415-09
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 16:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

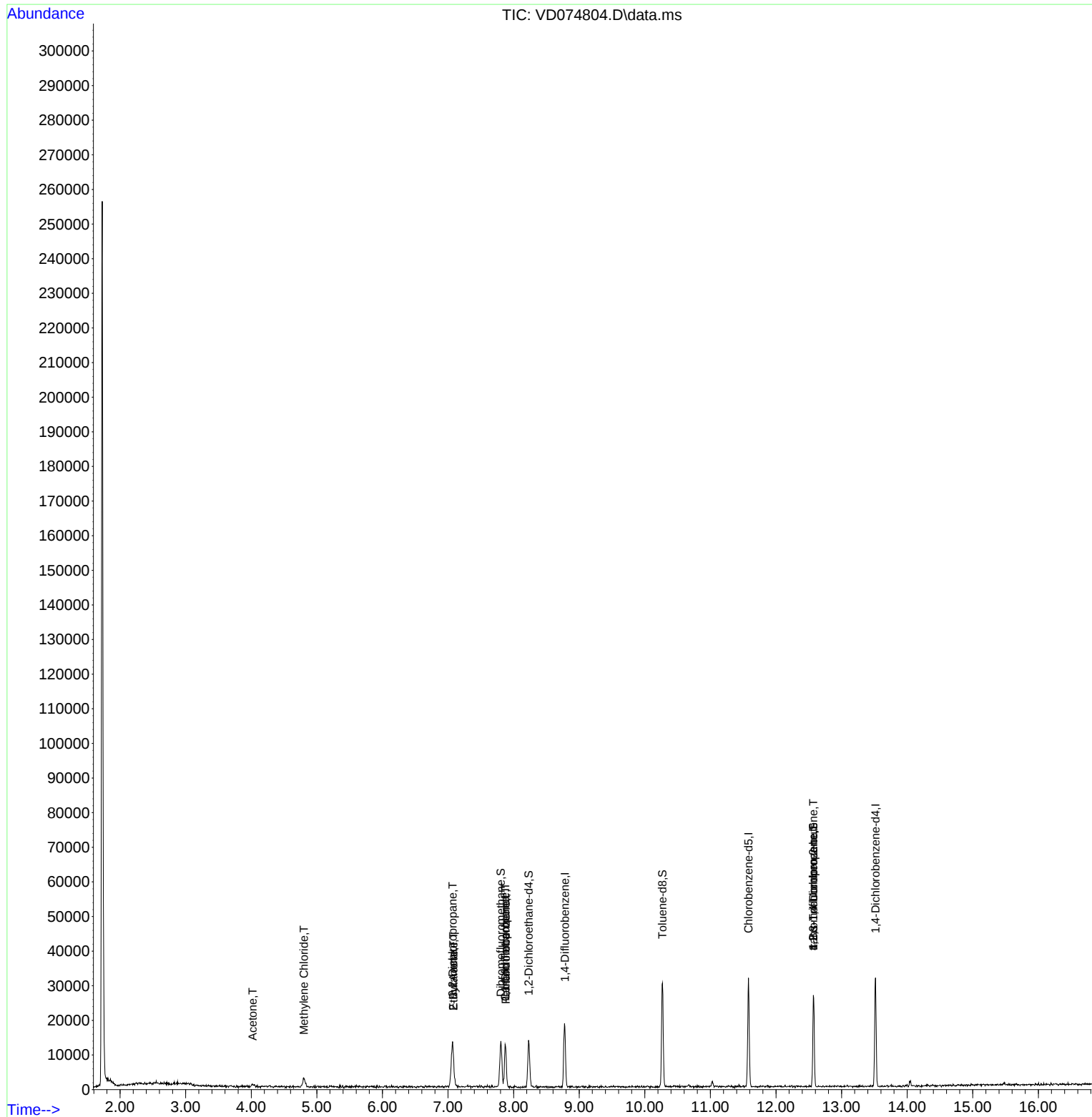
Internal Standards						
1) Pentafluorobenzene	7.881	168	10385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	19193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	19926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10674	129.773	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 259.540%#			
35) Dibromofluoromethane	7.805	113	9879	87.013	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 174.020%#			
50) Toluene-d8	10.269	98	22987	55.505	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.020%			
62) 4-Bromofluorobenzene	12.569	95	7838	65.549	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 131.100%			
Target Compounds						Qvalue
16) Acetone	4.022	43	1274	74.223	ug/l #	37
20) Methylene Chloride	4.805	84	2229	5.284	ug/l	93
25) 2-Butanone	7.081	43	359	15.212	ug/l #	42
26) 2,2-Dichloropropane	7.069	77	715	4.158	ug/l #	50
36) 1,1-Dichloropropene	7.875	75	589	3.418	ug/l #	39
37) Ethyl Acetate	7.081	43	359	6.245	ug/l #	5
38) Carbon Tetrachloride	7.875	117	1125	6.890	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	4297	54.269	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	4297	128.822	ug/l #	17

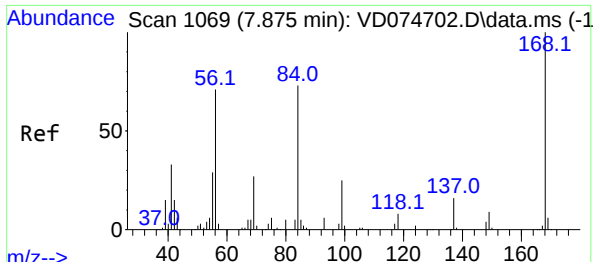
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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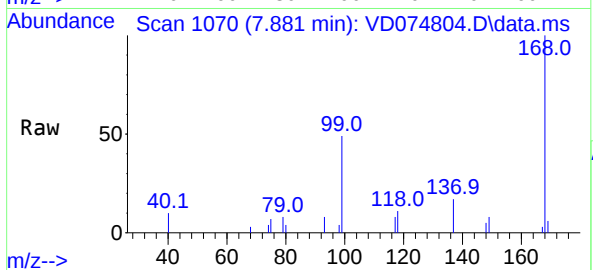
Quant Time: Nov 08 16:30:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
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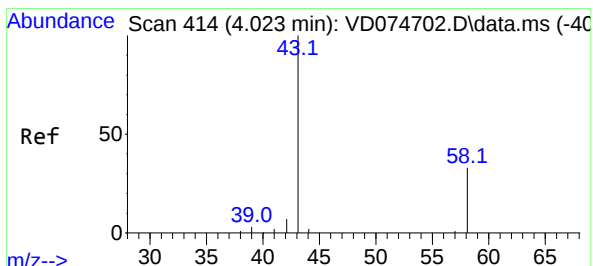
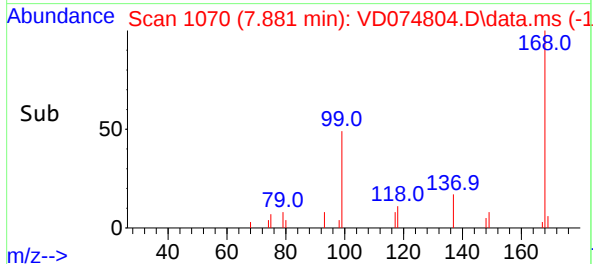
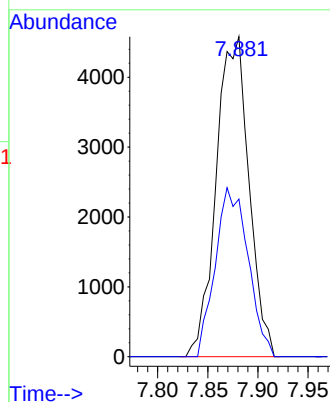


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Instrument :
MSVOA_D
ClientSampleId :

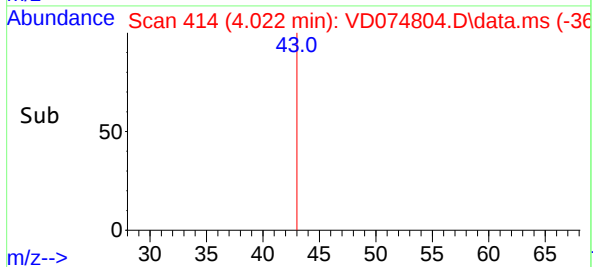
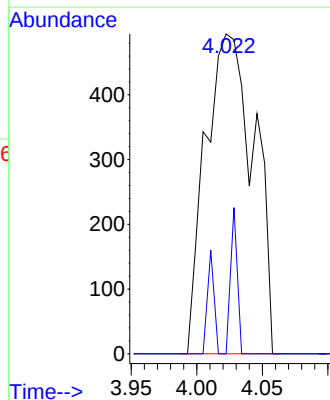
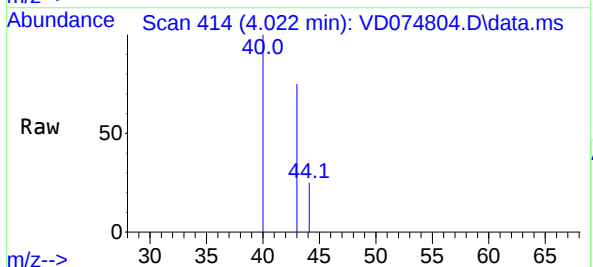


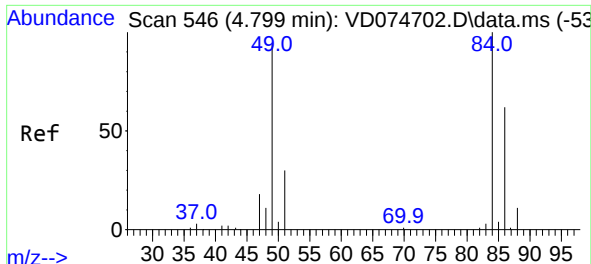
Tgt Ion:168 Resp: 10385
Ion Ratio Lower Upper
168 100
99 49.3 40.9 61.3



#16
Acetone
Concen: 74.223 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



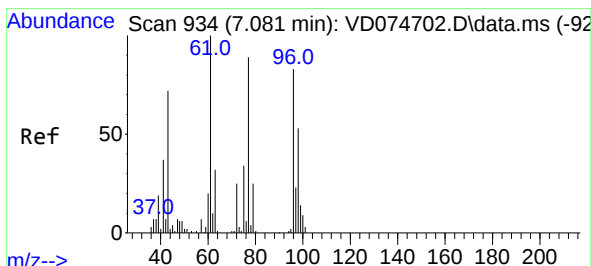
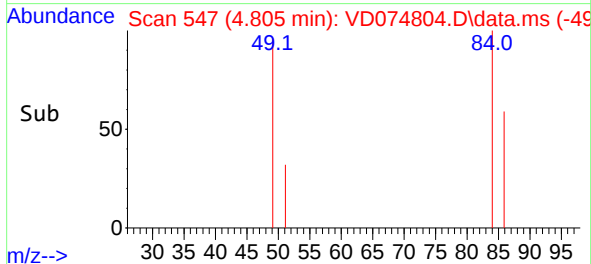
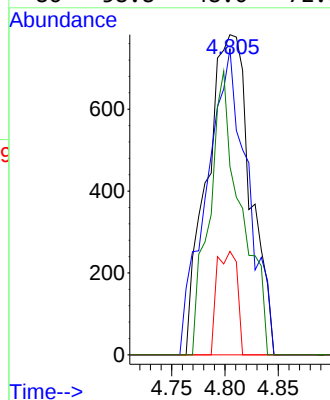
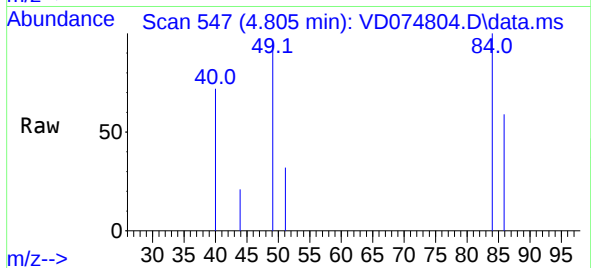


#20
Methylene Chloride
Concen: 5.284 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 2229

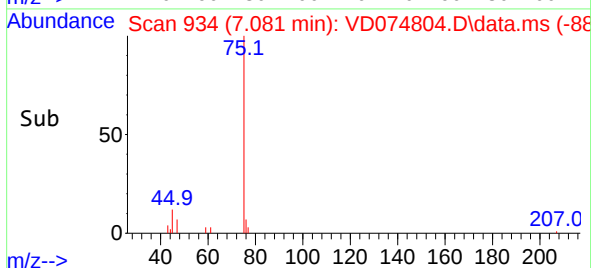
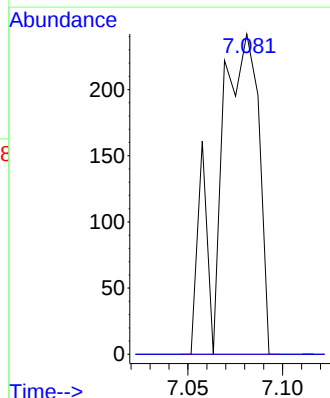
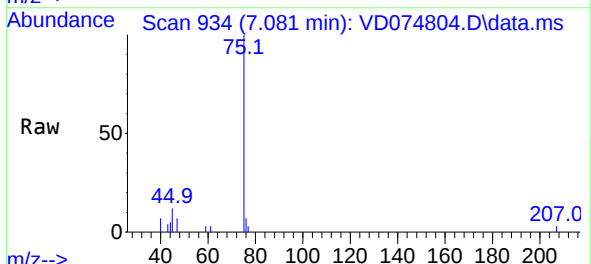
Ion	Ratio	Lower	Upper
84	100		
49	95.5	68.0	102.0
51	32.4	23.2	34.8
86	58.8	48.0	72.0

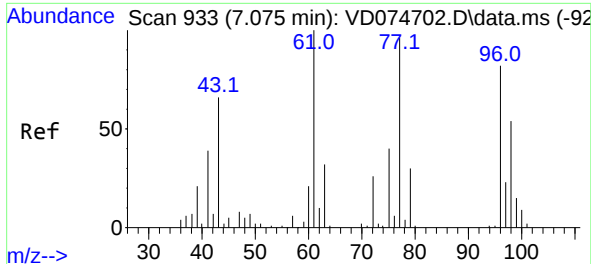


#25
2-Butanone
Concen: 15.212 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Tgt Ion: 43 Resp: 359

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8

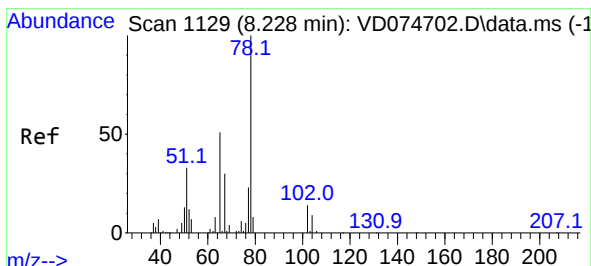
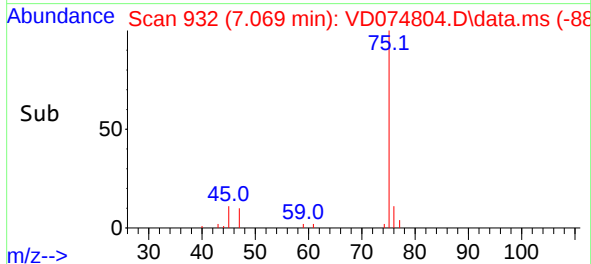
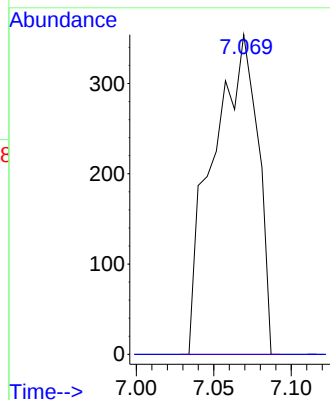
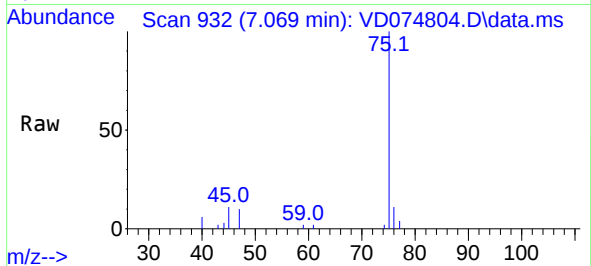




#26
2,2-Dichloropropane
Concen: 4.158 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

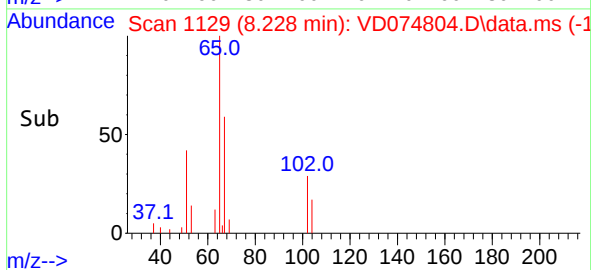
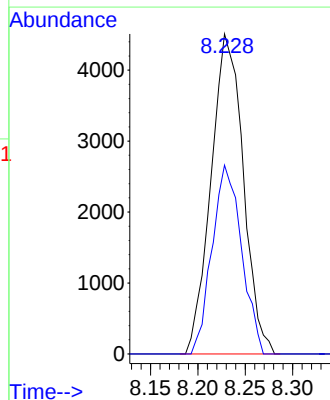
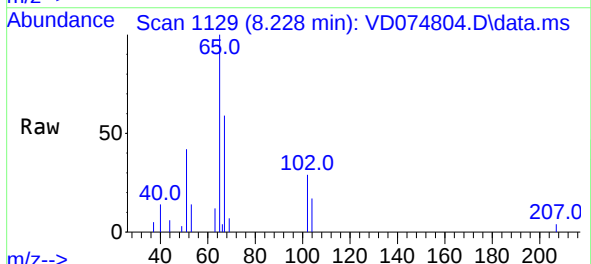
Instrument :
MSVOA_D
ClientSampleId :

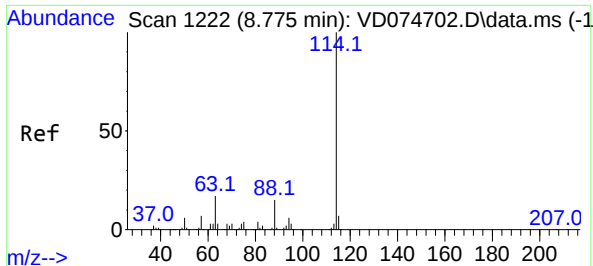
Tgt Ion: 77 Resp: 715
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#33
1,2-Dichloroethane-d4
Concen: 129.773 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Tgt Ion: 65 Resp: 10674
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074804.D

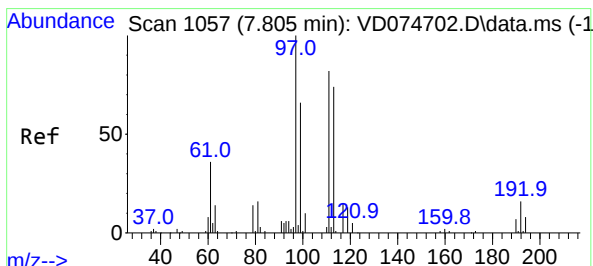
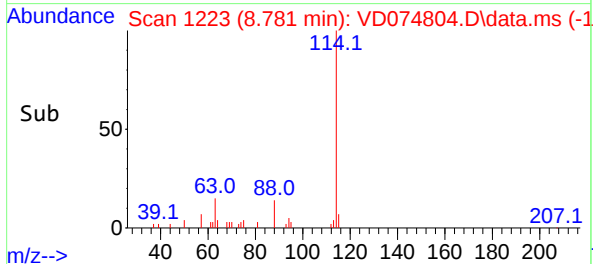
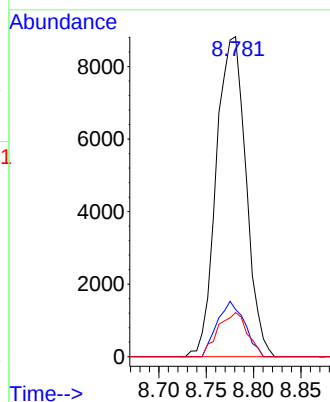
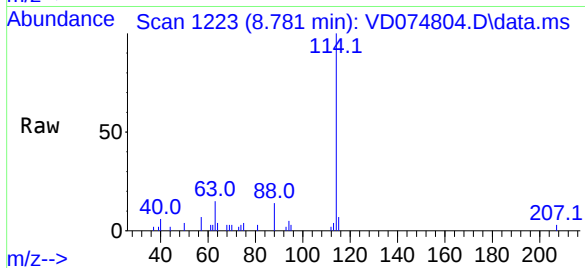
Acq: 08 Nov 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	19193
Ion	Ratio	Lower Upper
114	100	
63	14.8	0.0 33.2
88	13.8	0.0 28.2



#35

Dibromofluoromethane

Concen: 87.013 ug/l

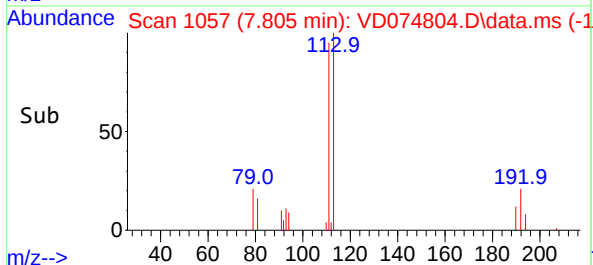
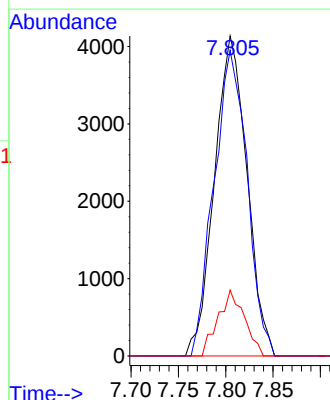
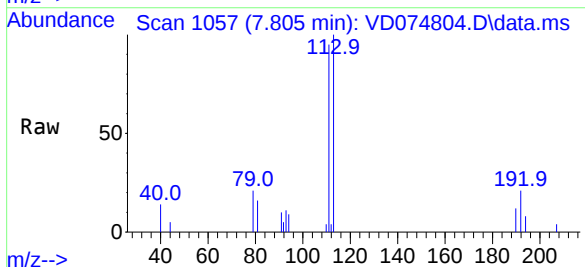
RT: 7.805 min Scan# 1057

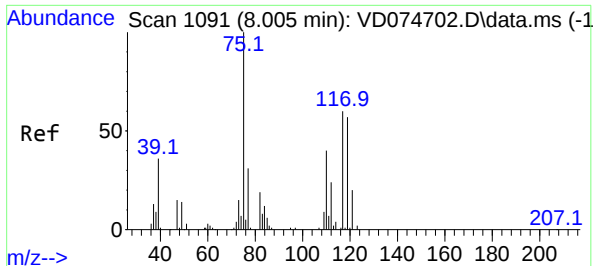
Delta R.T. -0.000 min

Lab File: VD074804.D

Acq: 08 Nov 2022 15:07

Tgt Ion:113	Resp:	9879
Ion	Ratio	Lower Upper
113	100	
111	97.4	82.3 123.5
192	16.7	16.4 24.6

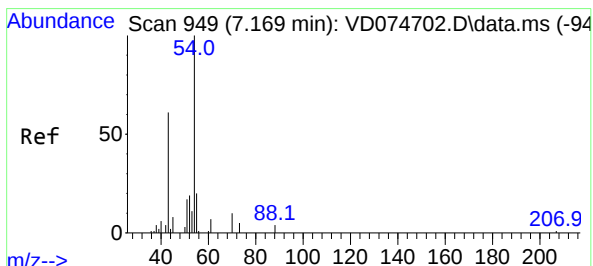
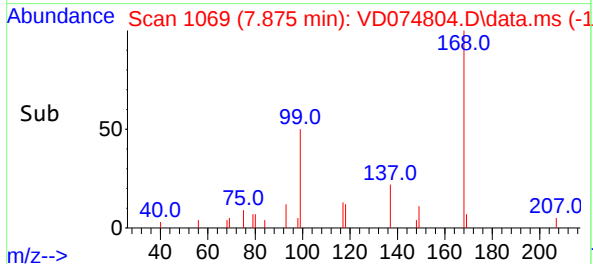
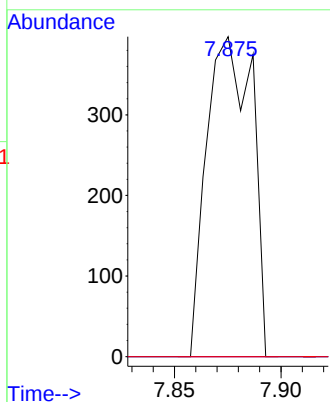
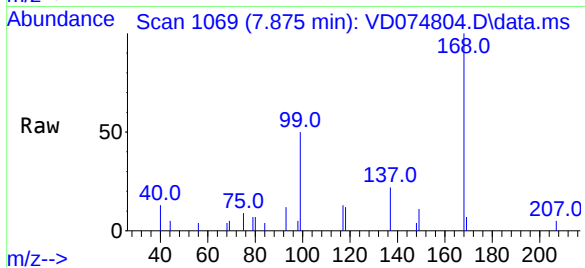




#36
1,1-Dichloropropene
Concen: 3.418 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.130 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

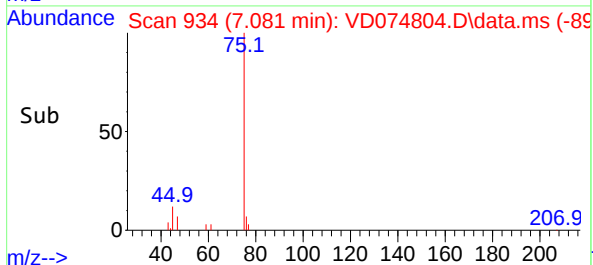
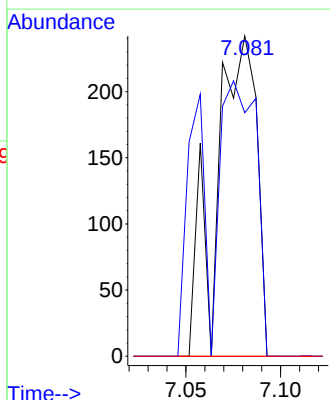
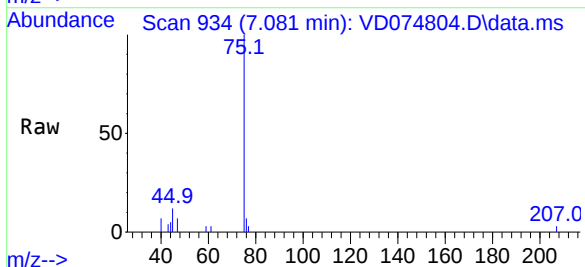
Instrument :
MSVOA_D
ClientSampleId :

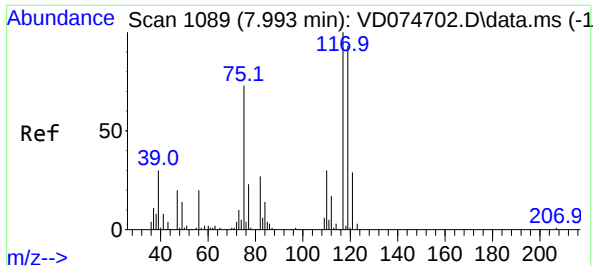
Tgt Ion: 75 Resp: 589
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 6.245 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.088 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Tgt Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
61 76.3 12.2 18.4#
70 0.0 9.6 14.4#





#38

Carbon Tetrachloride

Concen: 6.890 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

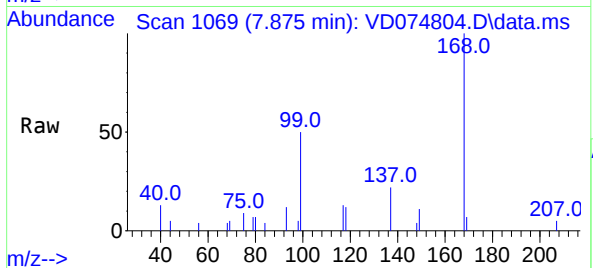
Lab File: VD074804.D

Acq: 08 Nov 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :



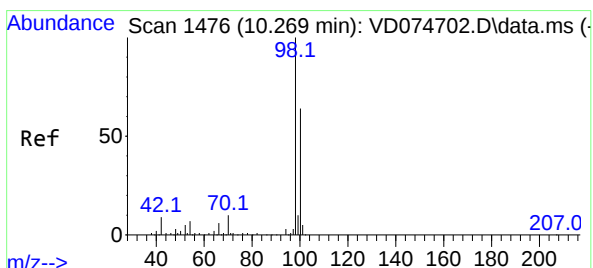
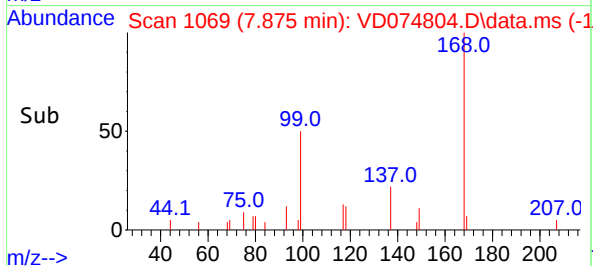
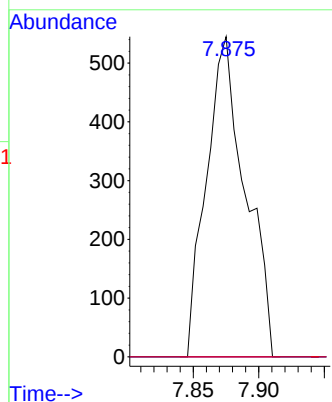
Tgt Ion:117 Resp: 1125

Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#



#50

Toluene-d8

Concen: 55.505 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074804.D

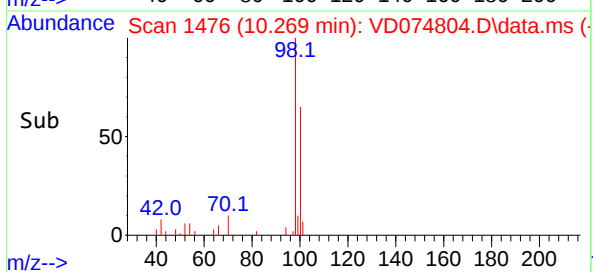
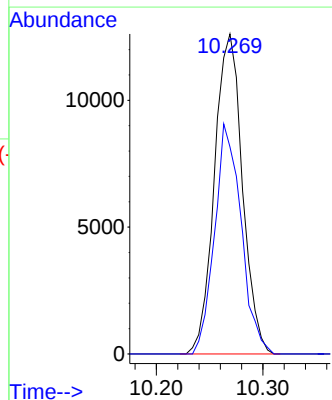
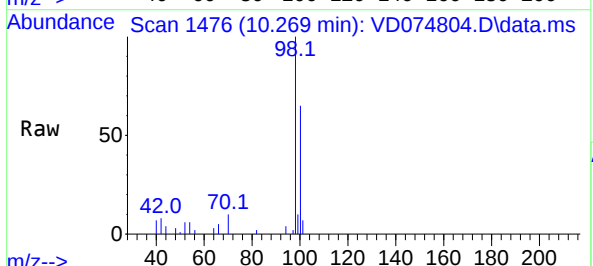
Acq: 08 Nov 2022 15:07

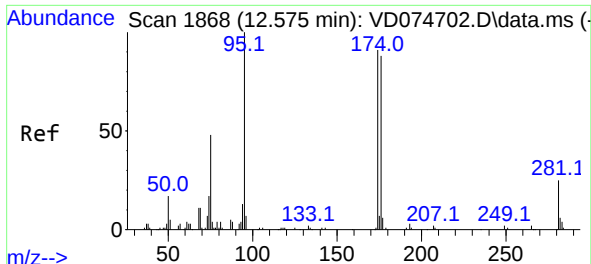
Tgt Ion: 98 Resp: 22987

Ion Ratio Lower Upper

98 100

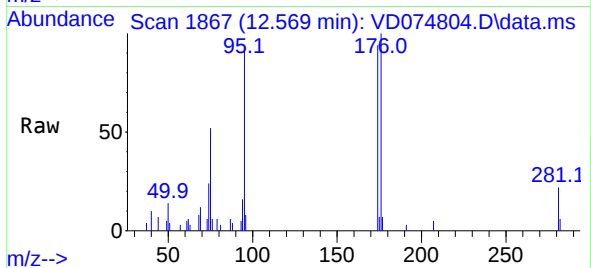
100 68.3 51.4 77.0



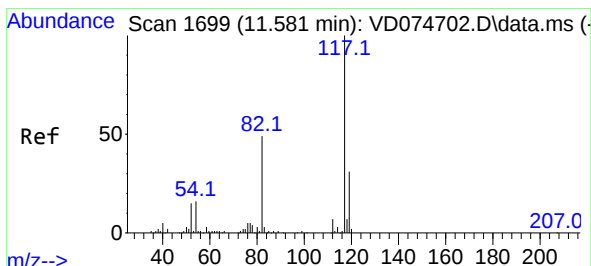
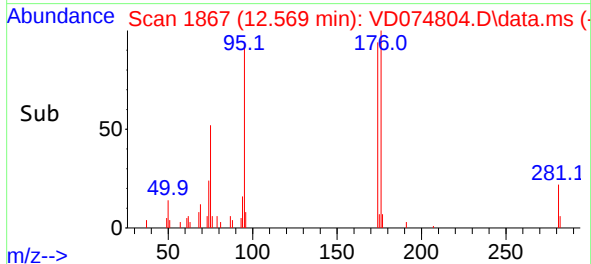
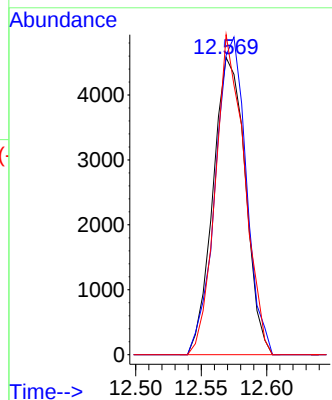


#62
4-Bromofluorobenzene
Concen: 65.549 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Instrument :
MSVOA_D
ClientSampleId :

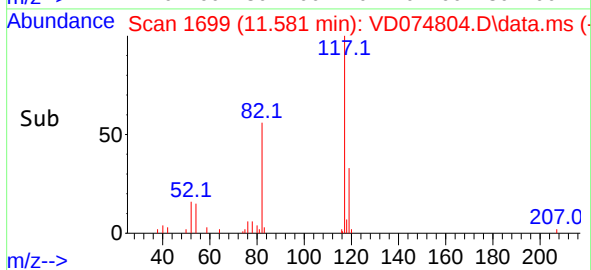
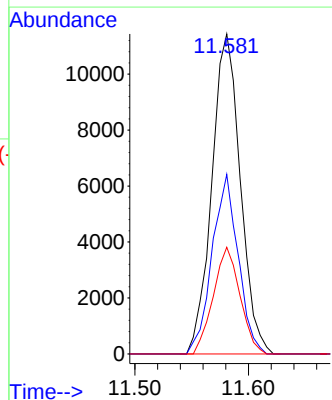
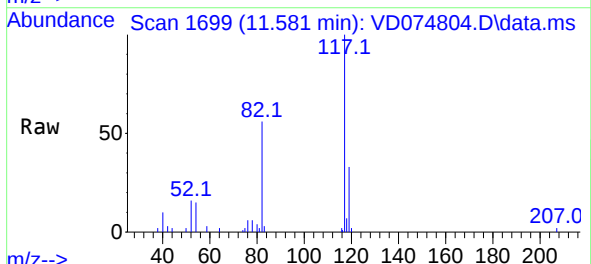


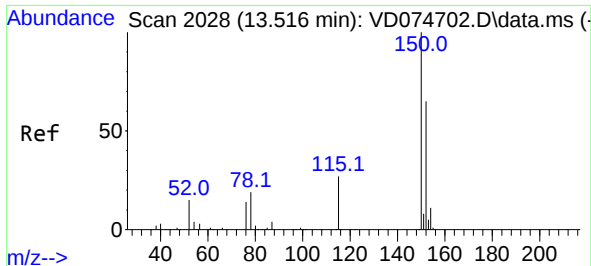
Tgt Ion: 95 Resp: 7838
Ion Ratio Lower Upper
95 100
174 102.2 0.0 197.0
176 97.0 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

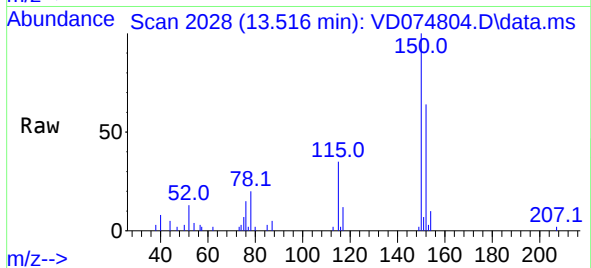
Tgt Ion: 117 Resp: 19926
Ion Ratio Lower Upper
117 100
82 56.1 41.6 62.4
119 33.3 25.2 37.8



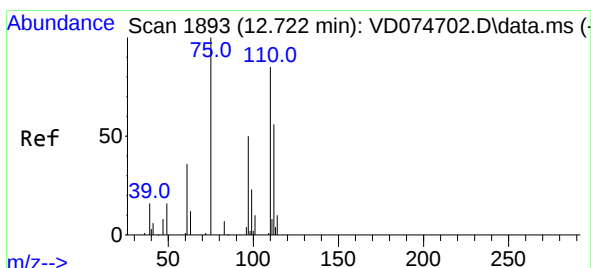
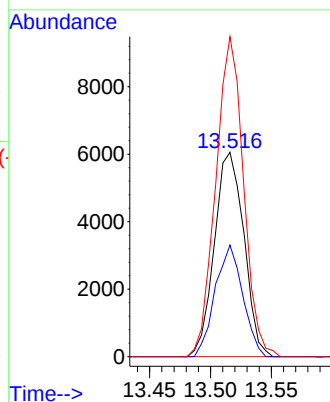
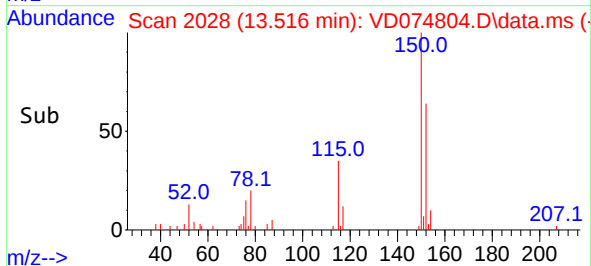


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD074804.D
 Acq: 08 Nov 2022 15:07

Instrument :
 MSVOA_D
 ClientSampleId :

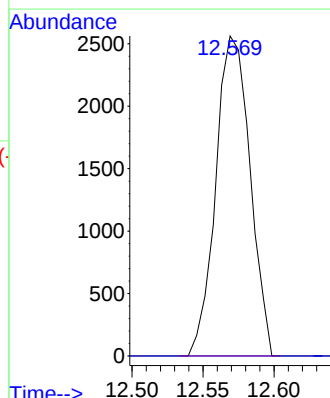
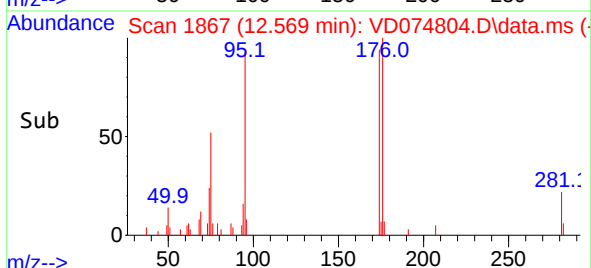
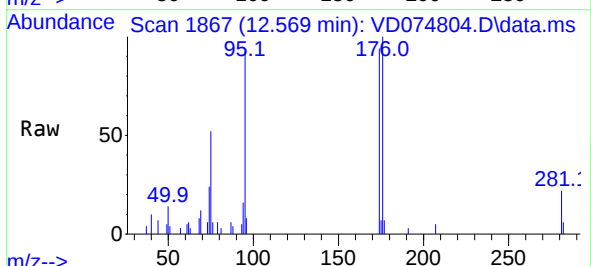


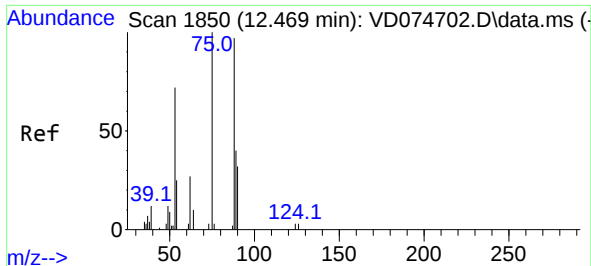
Tgt Ion:152 Resp: 10214
 Ion Ratio Lower Upper
 152 100
 115 51.0 26.8 80.4
 150 147.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 54.269 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD074804.D
 Acq: 08 Nov 2022 15:07

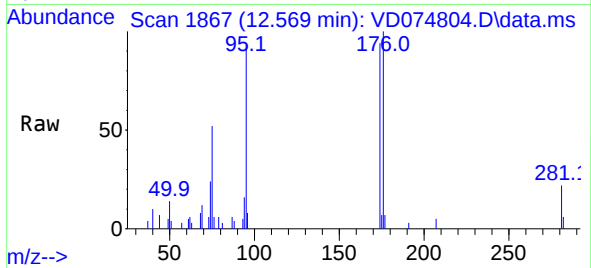
Tgt Ion: 75 Resp: 4297
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 128.822 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 4297

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

