

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072942.D
 Acq On : 11 May 2022 20:37
 Operator : VA/SY
 Sample : N2776-02
 Misc : 7.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-280MER-9-5

Quant Time: May 12 04:16:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

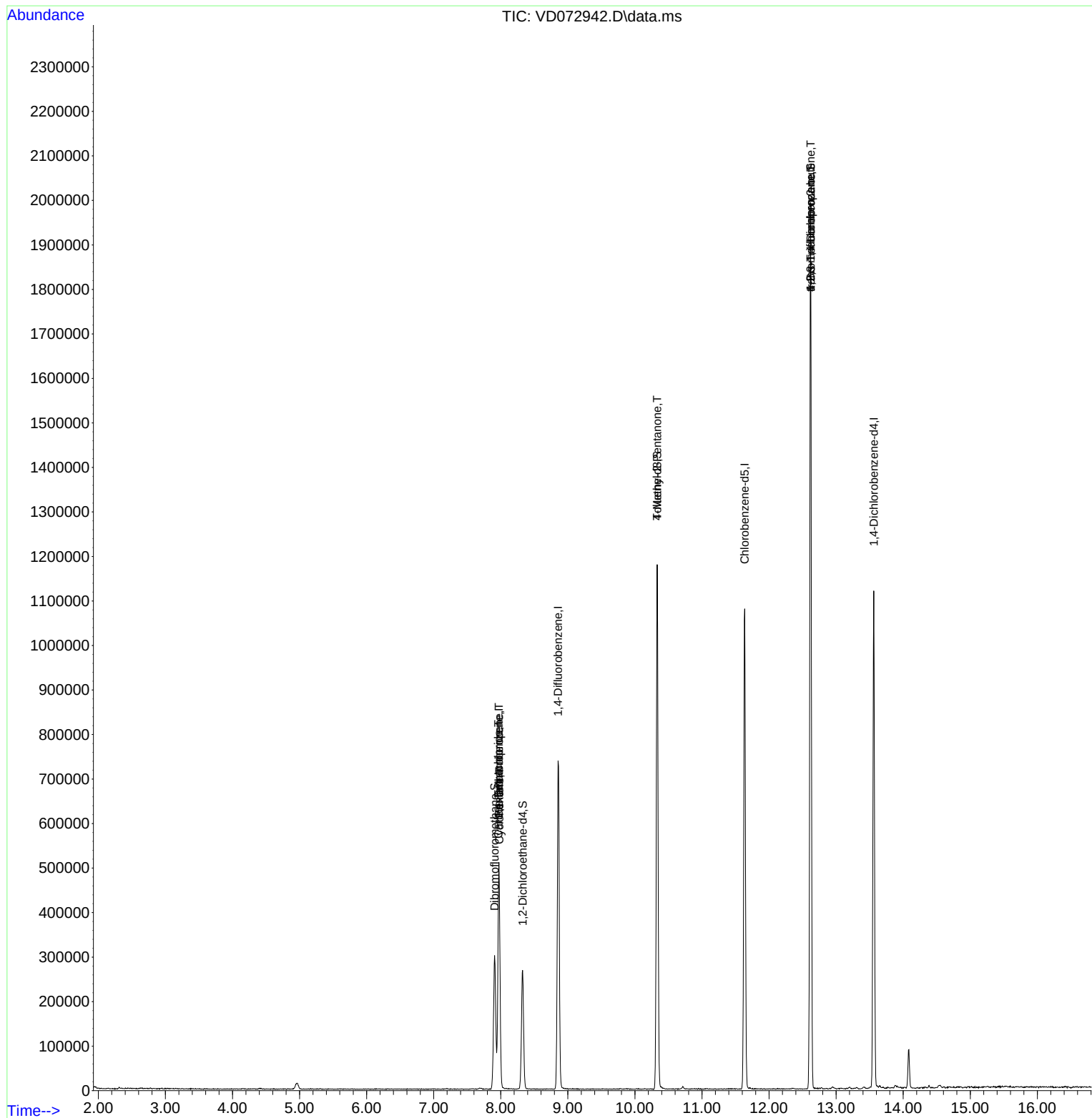
Internal Standards						
1) Pentafluorobenzene	7.973	168	350554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	645465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	629749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	286669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212142	46.620	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.240%		
35) Dibromofluoromethane	7.908	113	211163	46.582	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.160%		
50) Toluene-d8	10.332	98	783569	48.187	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.380%		
62) 4-Bromofluorobenzene	12.620	95	317898	52.430	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.860%		
Target Compounds						
5) Bromomethane	2.779	94	574	Below Cal	Qvalue	98
16) Acetone	4.156	43	1378	Below Cal	#	47
18) Methyl Acetate	4.473	43	77	Below Cal	#	55
20) Methylene Chloride	4.956	84	10732	Below Cal		90
31) Cyclohexane	7.979	56	8467	1.064	ug/l #	33
36) 1,1-Dichloropropene	7.973	75	30691	4.164	ug/l #	51
38) Carbon Tetrachloride	7.967	117	40029	5.231	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	3891	1.197	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	171604	53.684	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	171604	123.452	ug/l #	8

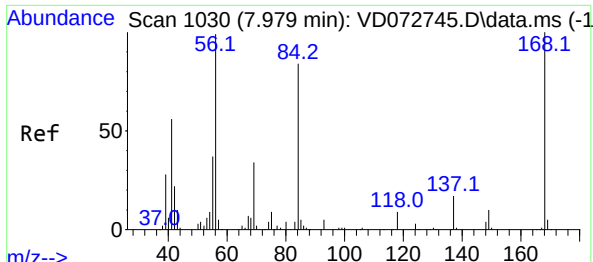
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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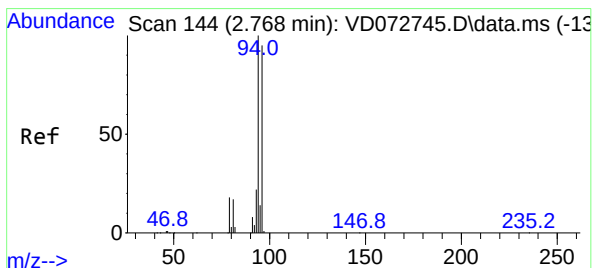
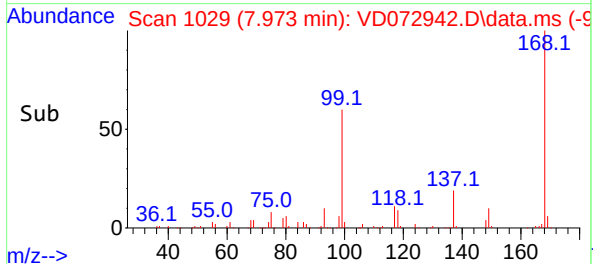
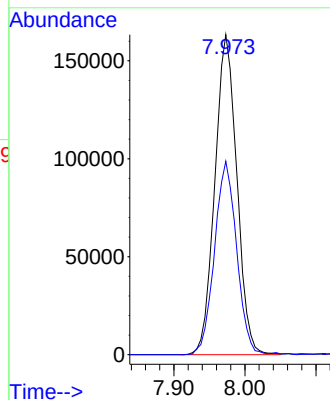
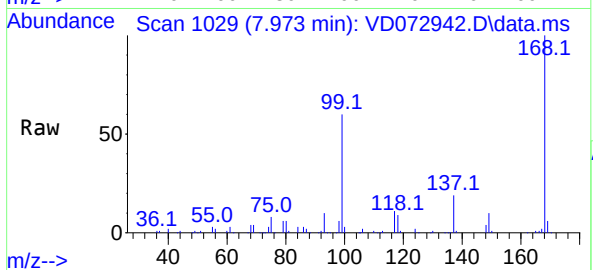




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

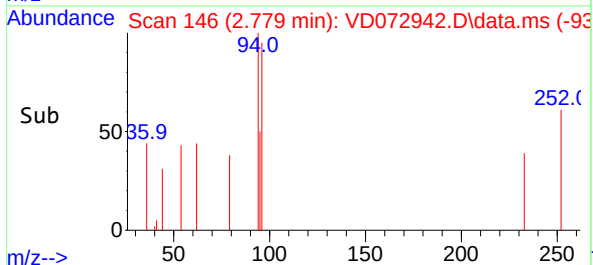
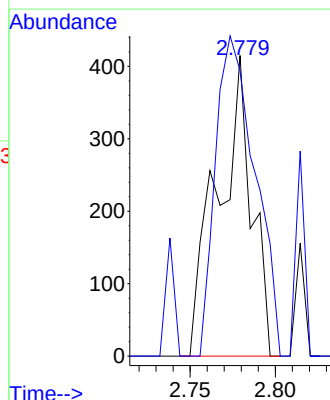
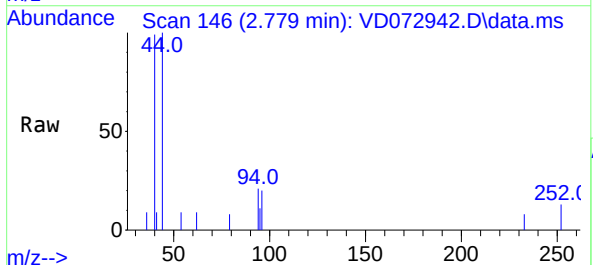
Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-9-5

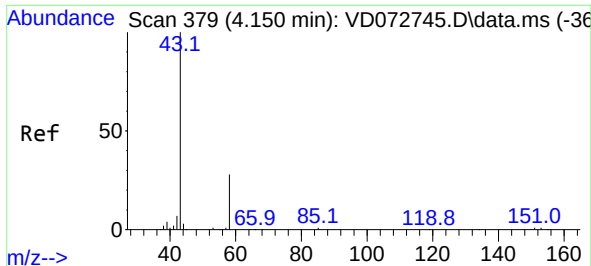
Tgt Ion:168 Resp: 350554
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

Tgt Ion: 94 Resp: 574
Ion Ratio Lower Upper
94 100
96 94.9 77.6 116.4

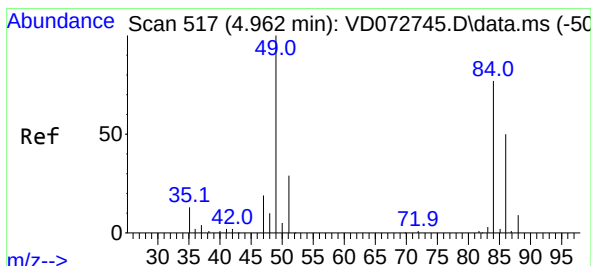
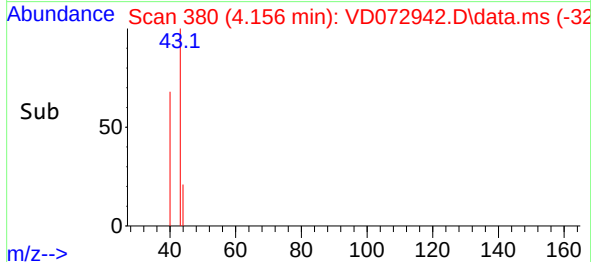
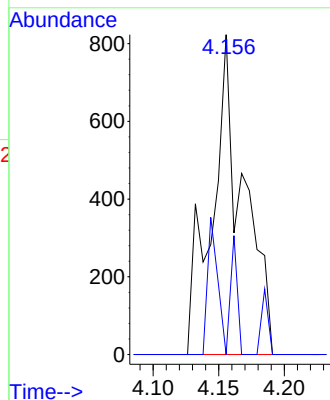
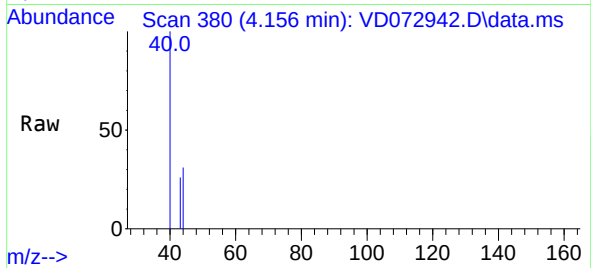




#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

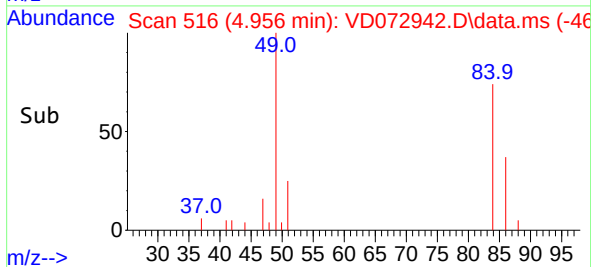
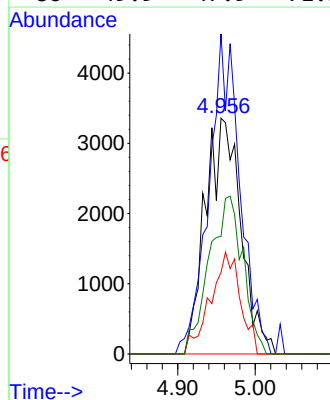
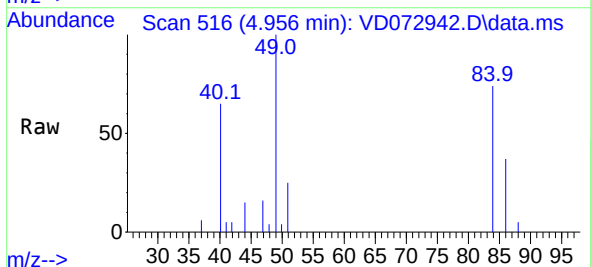
Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-9-5

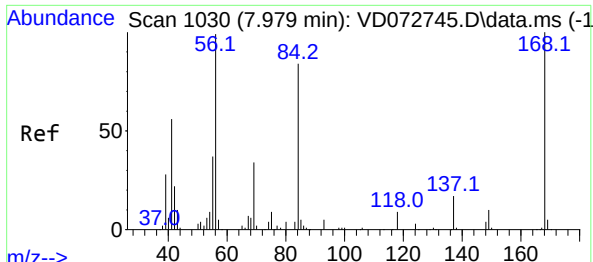
Tgt Ion: 43 Resp: 1378
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

Tgt Ion: 84 Resp: 10732
Ion Ratio Lower Upper
84 100
49 130.5 112.8 169.2
51 34.5 32.6 48.8
86 49.9 47.9 71.9

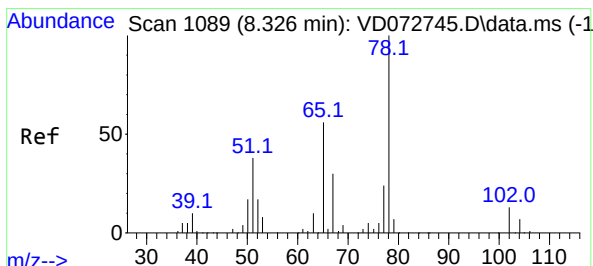
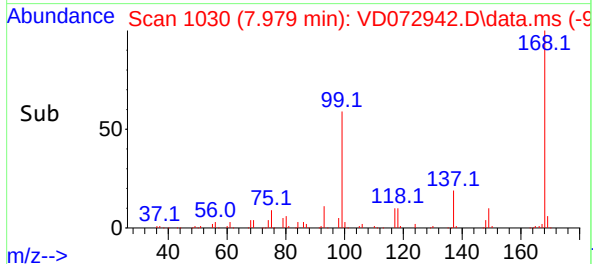
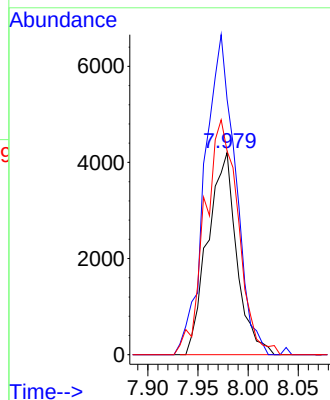
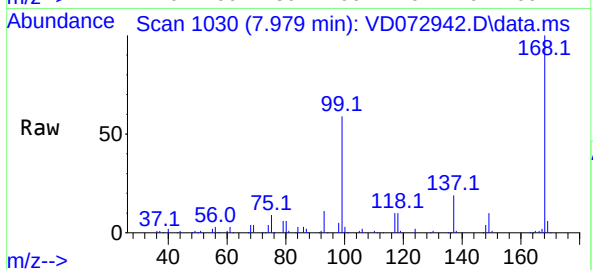




#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

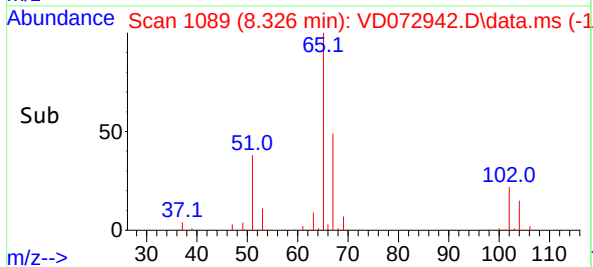
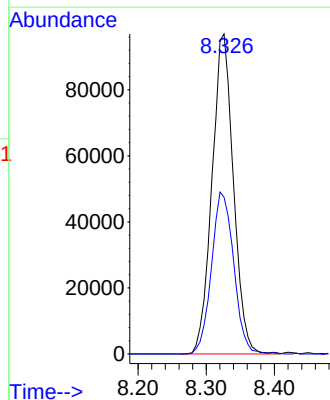
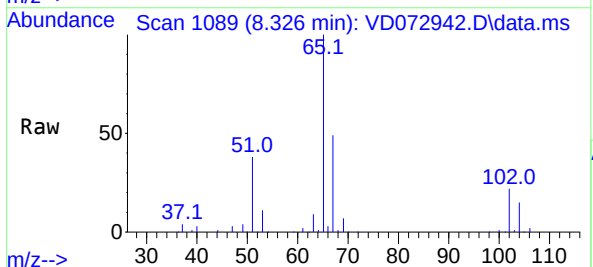
Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-9-5

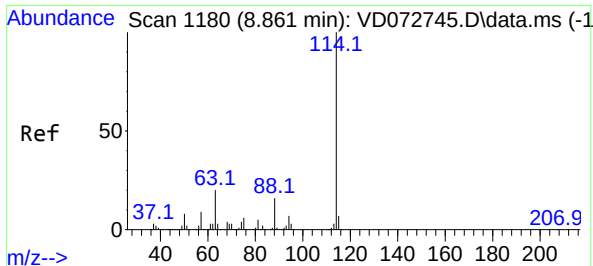
Tgt Ion: 56 Resp: 8467
Ion Ratio Lower Upper
56 100
69 126.3 25.4 38.2#
84 100.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.620 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

Tgt Ion: 65 Resp: 212142
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4



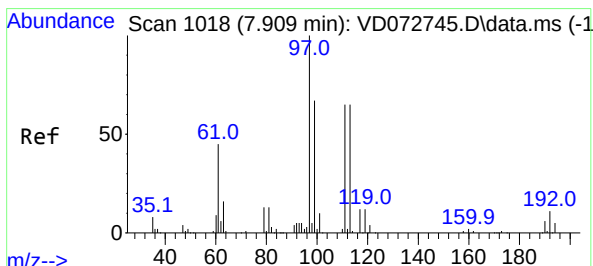
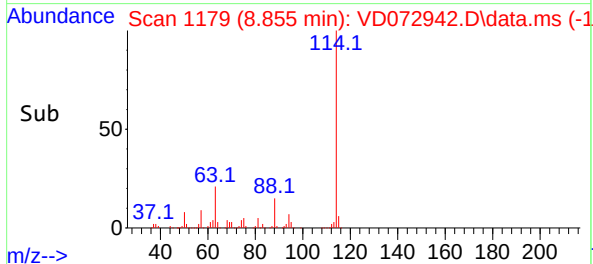
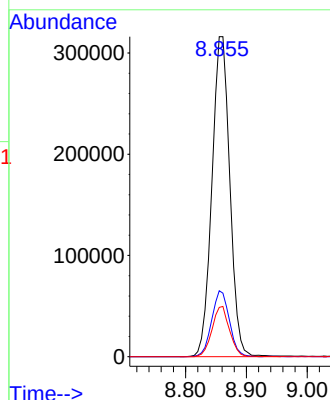
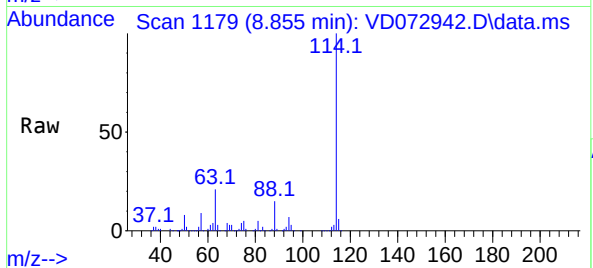


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-9-5

Tgt Ion:114 Resp: 645465

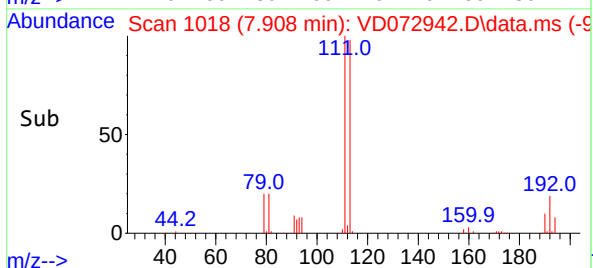
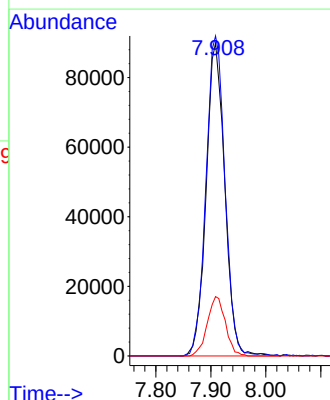
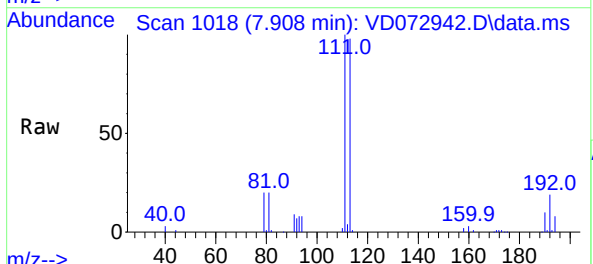
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	46.6
88	15.4	0.0	33.2

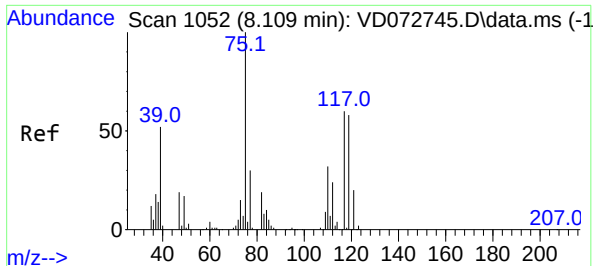


#35
Dibromofluoromethane
Concen: 46.582 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

Tgt Ion:113 Resp: 211163

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.8	125.6
192	18.5	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.164 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072942.D

Acq: 11 May 2022 20:37

Instrument :

MSVOA_D

ClientSampleId :

CF-280MER-9-5

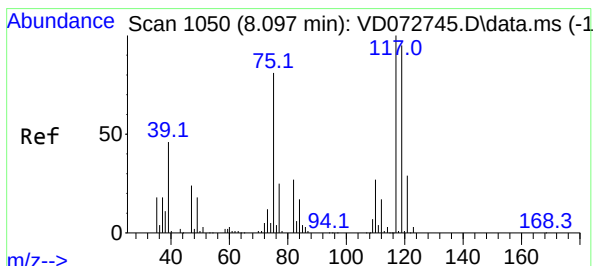
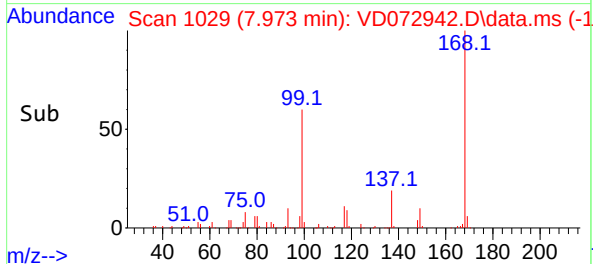
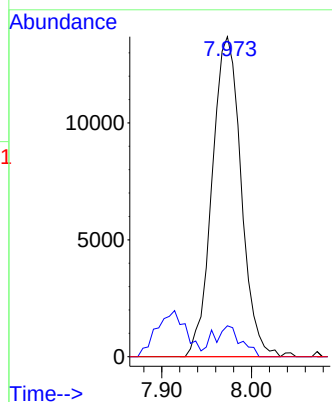
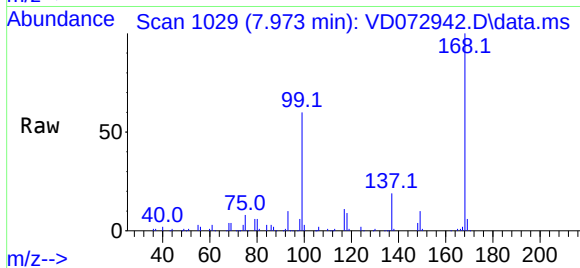
Tgt Ion: 75 Resp: 30691

Ion Ratio Lower Upper

75 100

110 9.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.231 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.130 min

Lab File: VD072942.D

Acq: 11 May 2022 20:37

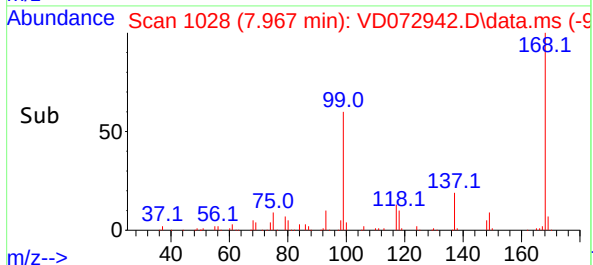
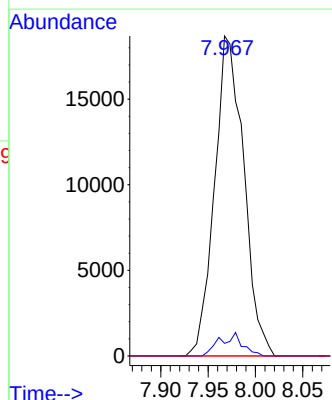
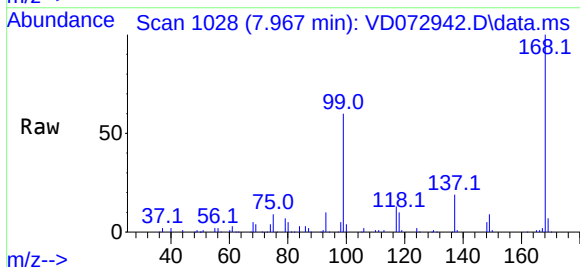
Tgt Ion: 117 Resp: 40029

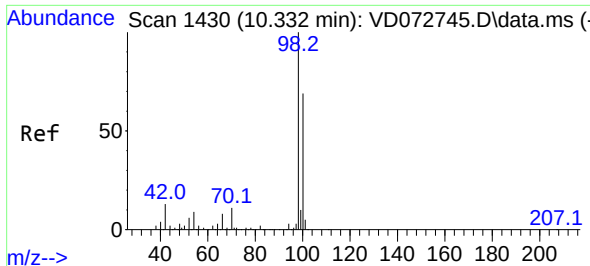
Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.6#

121 0.0 24.5 36.7#

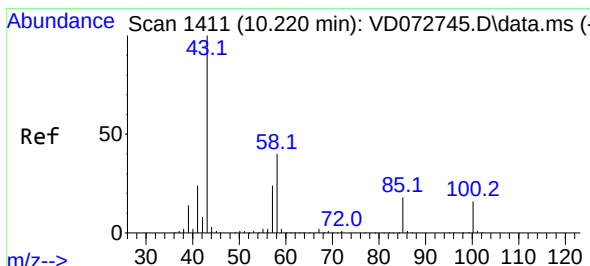
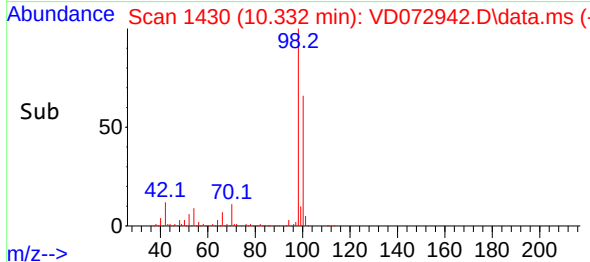
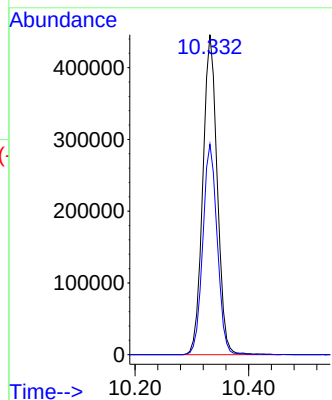
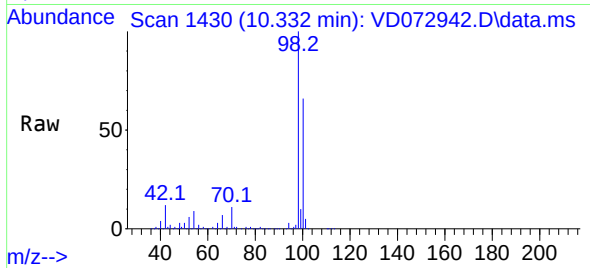




#50
Toluene-d8
Concen: 48.187 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

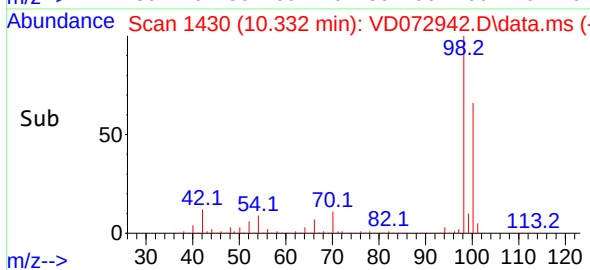
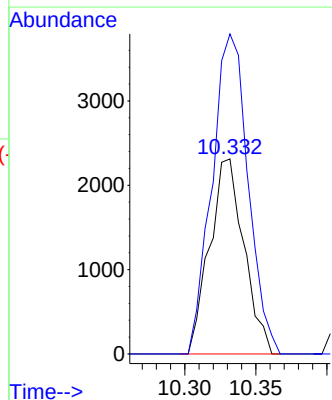
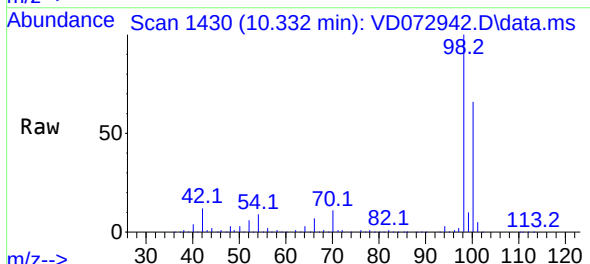
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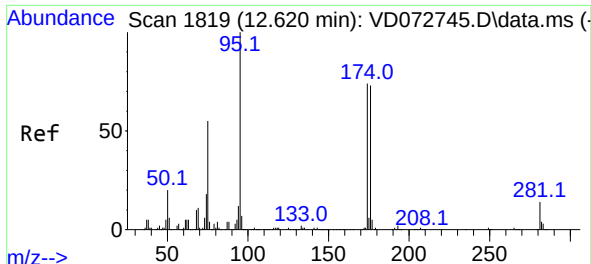
Tgt Ion: 98 Resp: 783569
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.197 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

Tgt Ion: 43 Resp: 3891
Ion Ratio Lower Upper
43 100
58 172.6 28.6 43.0#

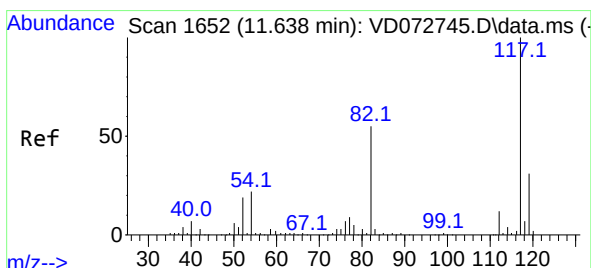
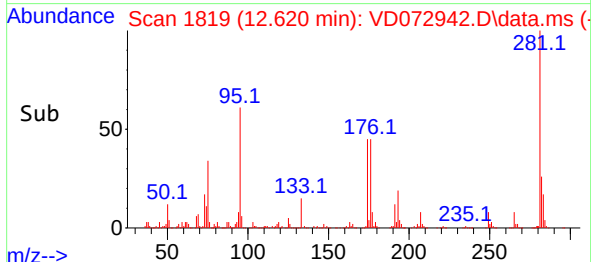
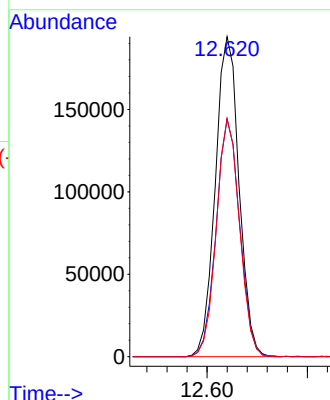
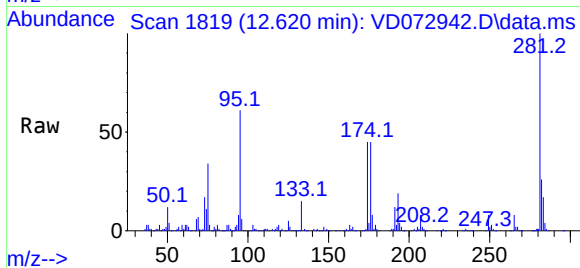




#62
4-Bromofluorobenzene
Concen: 52.430 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

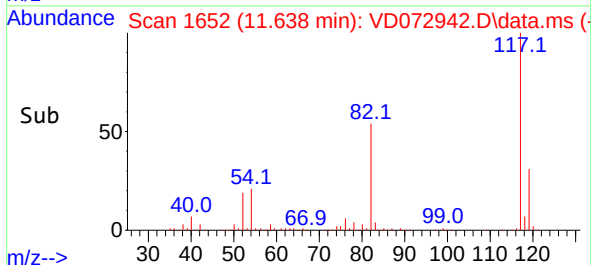
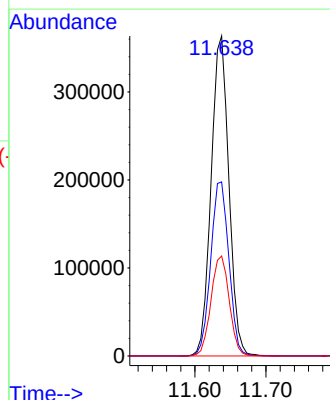
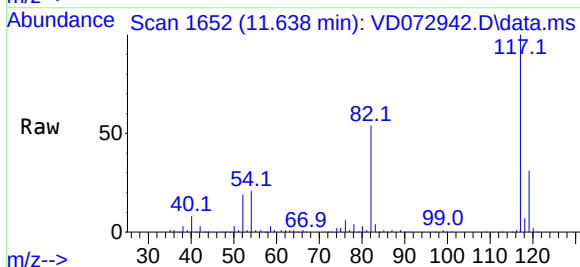
Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-9-5

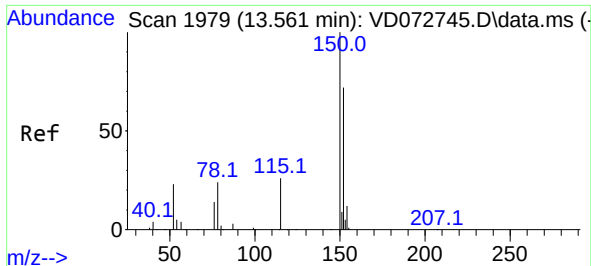
Tgt Ion: 95 Resp: 317898
Ion Ratio Lower Upper
95 100
174 73.8 0.0 152.8
176 72.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

Tgt Ion: 117 Resp: 629749
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 31.3 26.6 40.0

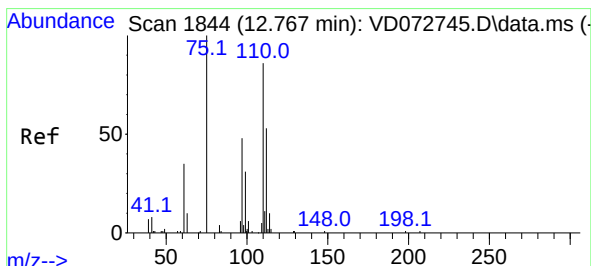
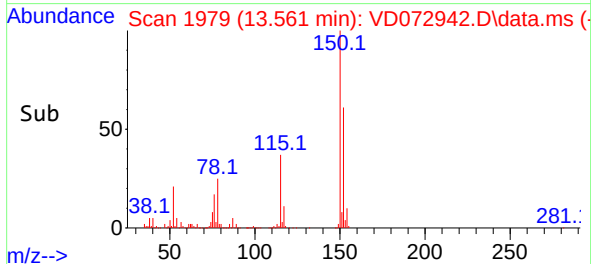
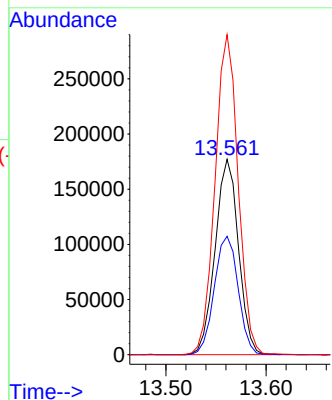
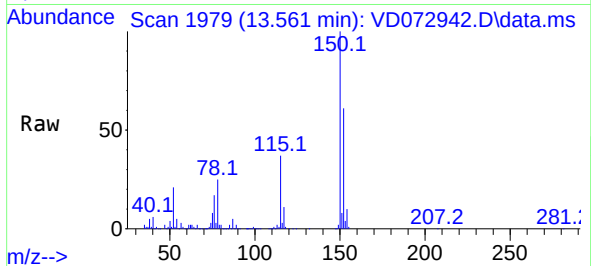




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

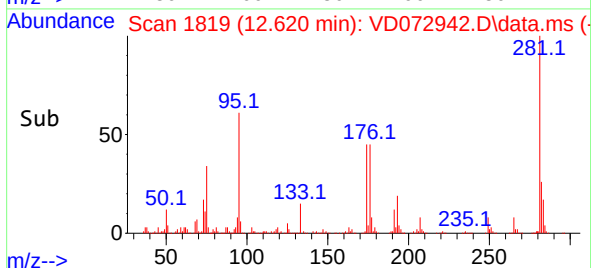
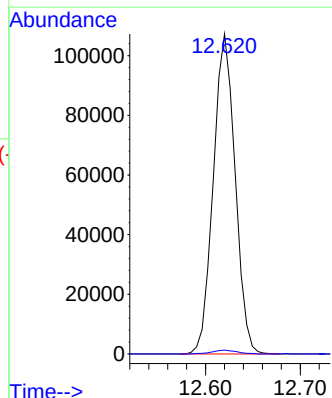
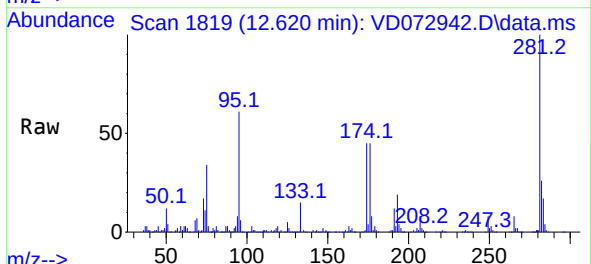
Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-9-5

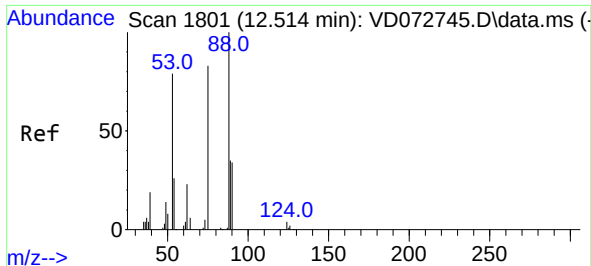
Tgt Ion:152 Resp: 286669
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 161.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 53.684 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072942.D
Acq: 11 May 2022 20:37

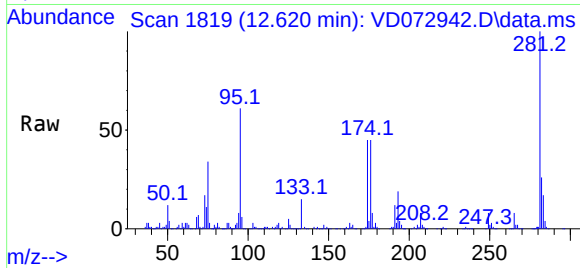
Tgt Ion: 75 Resp: 171604
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.452 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072942.D
 Acq: 11 May 2022 20:37

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-280MER-9-5



Tgt Ion: 75 Resp: 171604
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 2.8 33.9 50.9#

