

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072956.D
 Acq On : 12 May 2022 19:17
 Operator : VA/SY
 Sample : N2782-07
 Misc : 4.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 13 05:57:29 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)

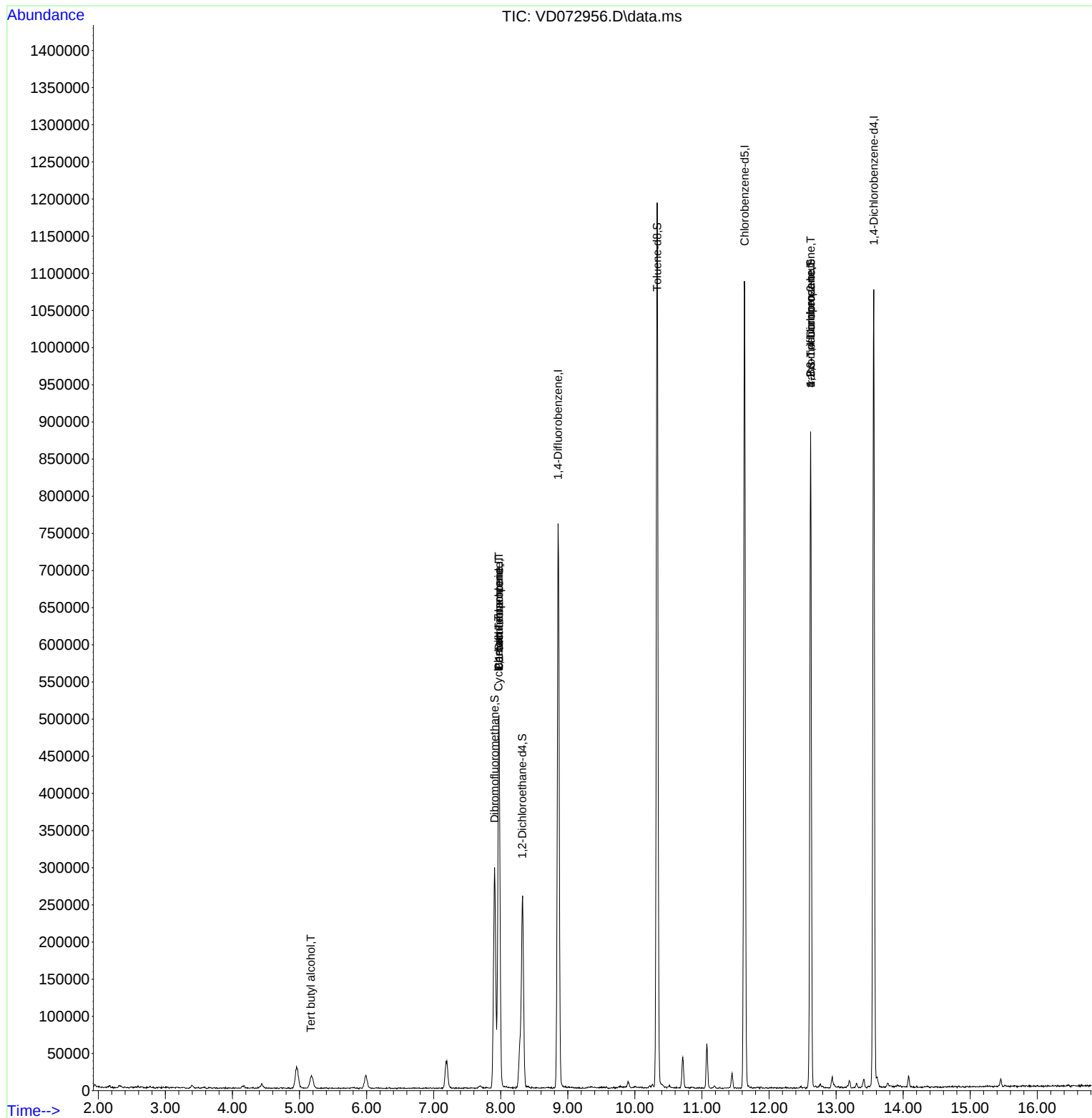
Internal Standards						
1) Pentafluorobenzene	7.973	168	362194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	644133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	637029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	195970	41.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.360%
35) Dibromofluoromethane	7.909	113	211331	46.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.440%
50) Toluene-d8	10.332	98	788463	48.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.620	95	280220	46.312	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	991	Below Cal	#	22
11) Tert butyl alcohol	5.168	59	15397	37.851	ug/l #	75
16) Acetone	4.156	43	3619	Below Cal	#	84
18) Methyl Acetate	4.932	43	55	Below Cal	#	55
20) Methylene Chloride	4.956	84	22410	Below Cal	#	84
31) Cyclohexane	7.967	56	8946	1.088	ug/l #	11
36) 1,1-Dichloropropene	7.973	75	30754	4.181	ug/l #	52
38) Carbon Tetrachloride	7.973	117	39129	5.124	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	142096	44.559	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	142096	102.468	ug/l #	7

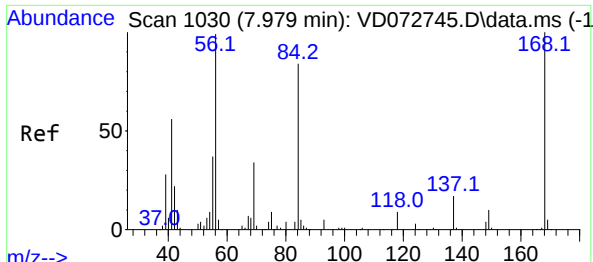
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
Data File : VD072956.D
Acq On : 12 May 2022 19:17
Operator : VA/SY
Sample : N2782-07
Misc : 4.28G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

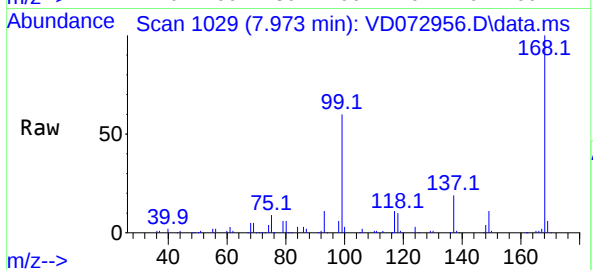
Quant Time: May 13 05:57:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



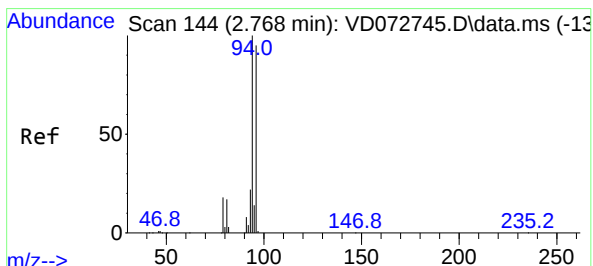
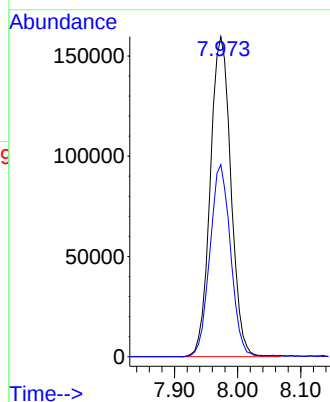
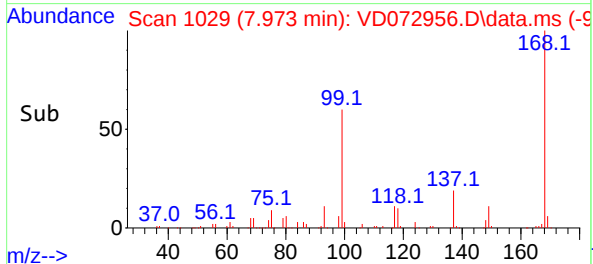


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :

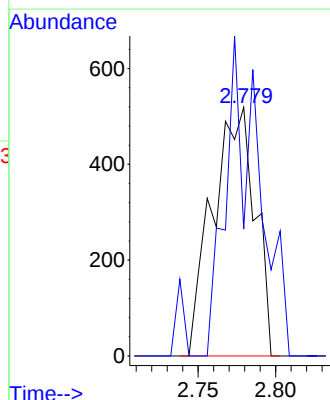
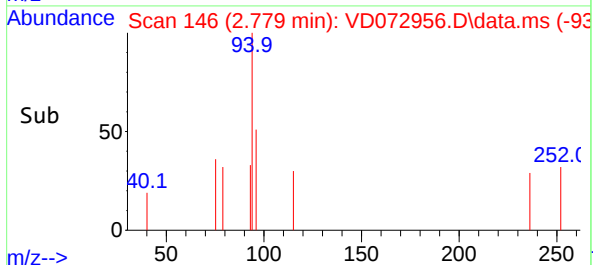
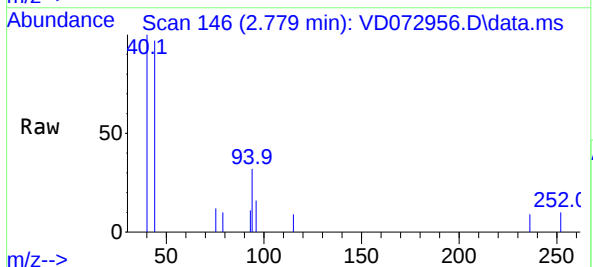


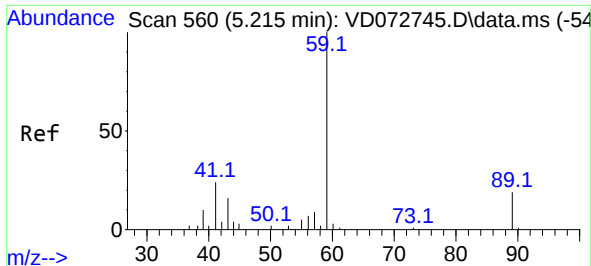
Tgt Ion:168 Resp: 362194
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

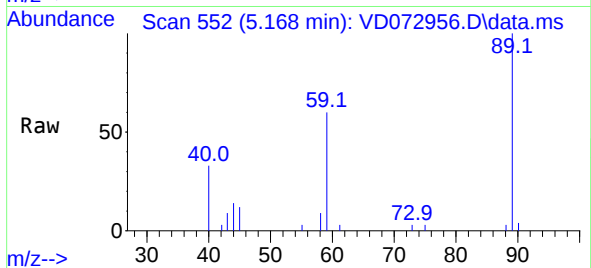
Tgt Ion: 94 Resp: 991
Ion Ratio Lower Upper
94 100
96 20.2 77.6 116.4#



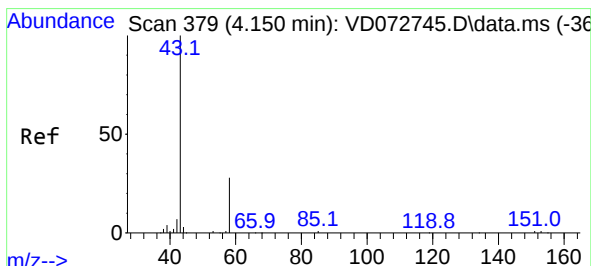
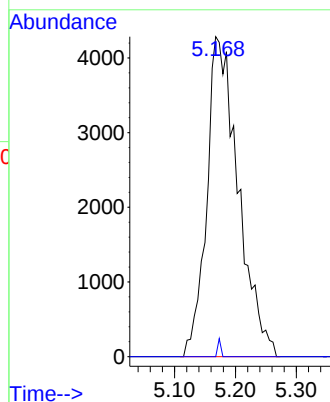
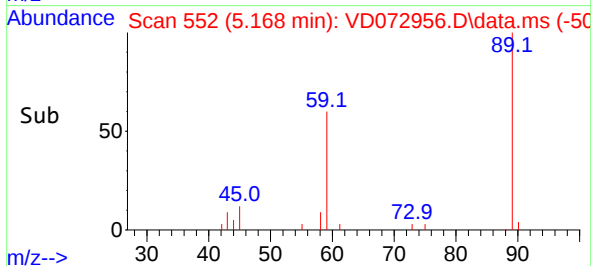


#11
Tert butyl alcohol
Concen: 37.851 ug/l
RT: 5.168 min Scan# 51
Delta R.T. -0.047 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

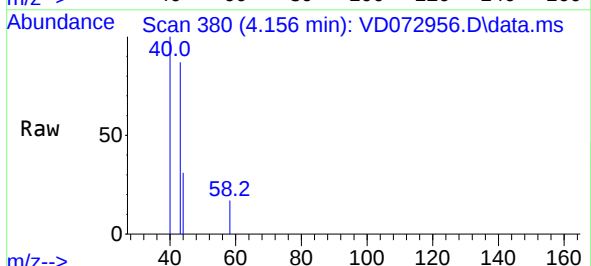
Instrument :
MSVOA_D
ClientSampleId :



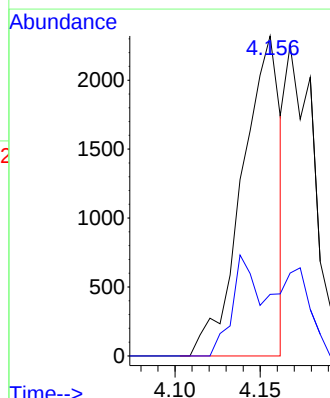
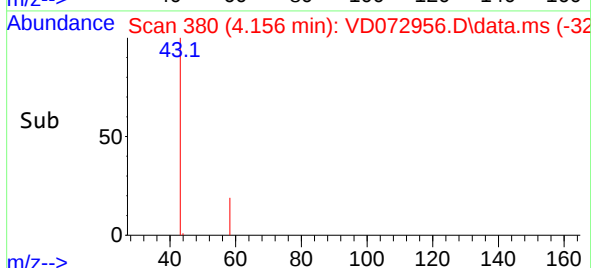
Tgt Ion: 59 Resp: 15397
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.6#

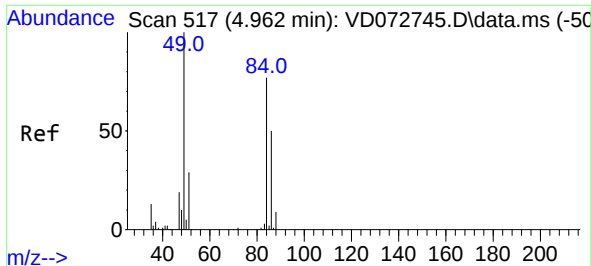


#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17



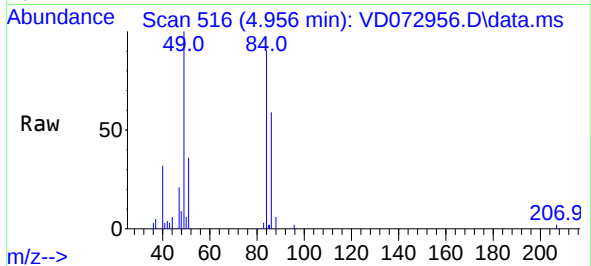
Tgt Ion: 43 Resp: 3619
Ion Ratio Lower Upper
43 100
58 19.2 22.1 33.1#



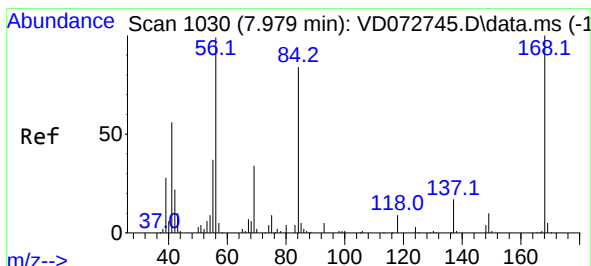
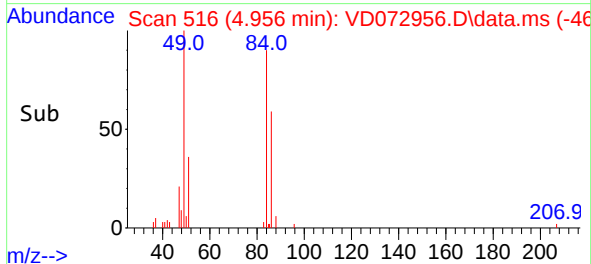
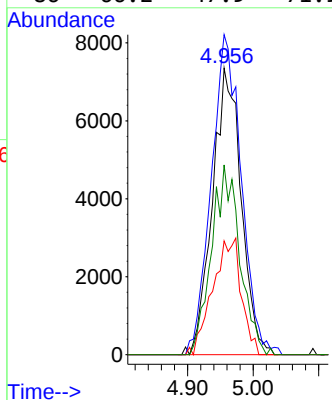


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :

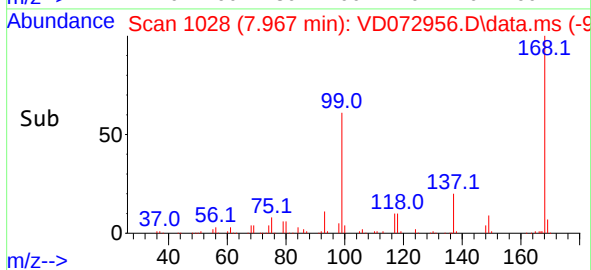
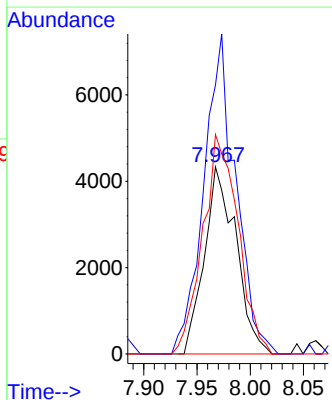
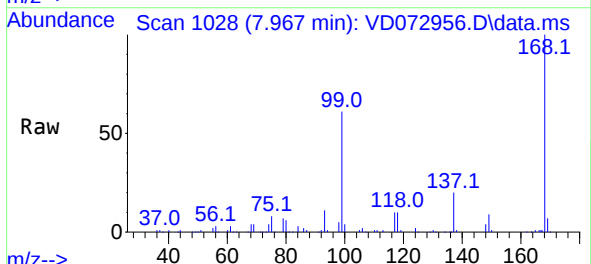


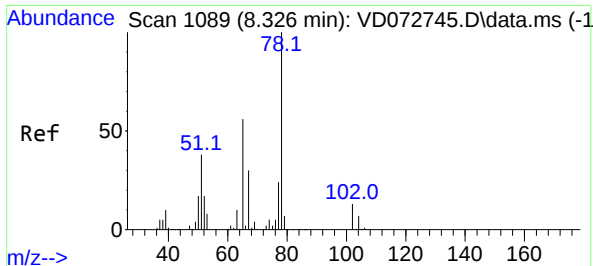
Tgt Ion: 84 Resp: 22410
Ion Ratio Lower Upper
84 100
49 111.7 112.8 169.2#
51 39.7 32.6 48.8
86 66.2 47.9 71.9



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Tgt Ion: 56 Resp: 8946
Ion Ratio Lower Upper
56 100
69 143.7 25.4 38.2#
84 117.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 41.682 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072956.D

Acq: 12 May 2022 19:17

Instrument :

MSVOA_D

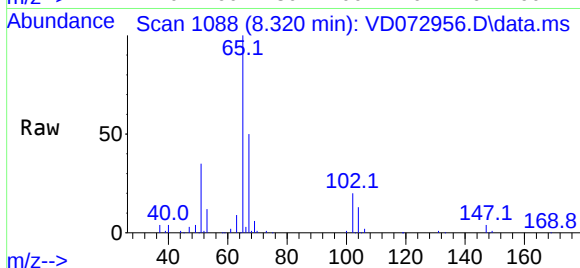
ClientSampleId :

Tgt Ion: 65 Resp: 195970

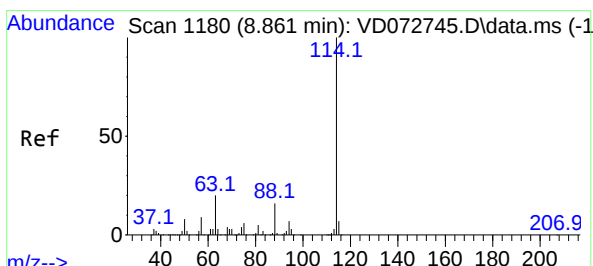
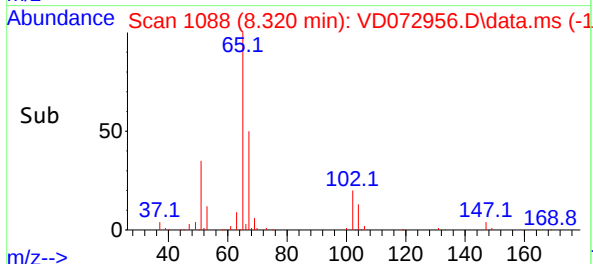
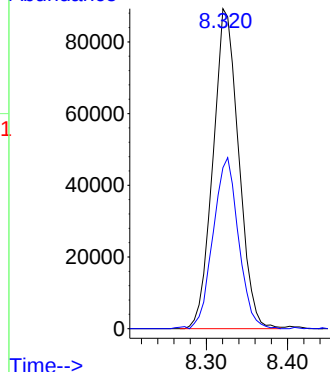
Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4



Abundance



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD072956.D

Acq: 12 May 2022 19:17

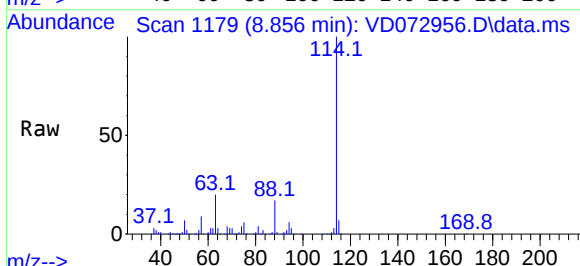
Tgt Ion: 114 Resp: 644133

Ion Ratio Lower Upper

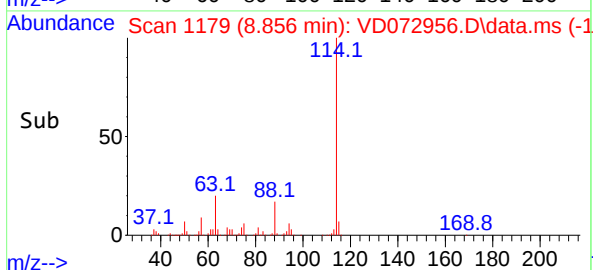
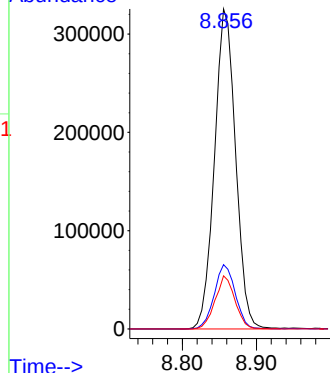
114 100

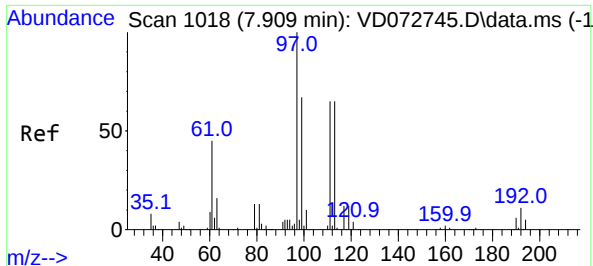
63 20.1 0.0 46.6

88 16.6 0.0 33.2



Abundance





#35

Dibromofluoromethane

Concen: 46.715 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072956.D

Acq: 12 May 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

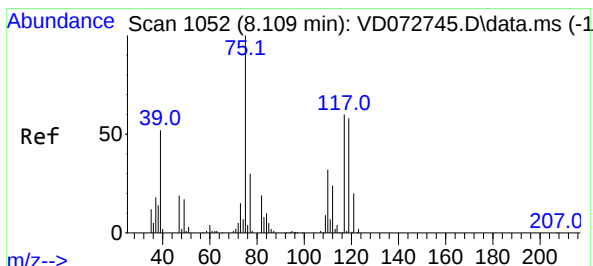
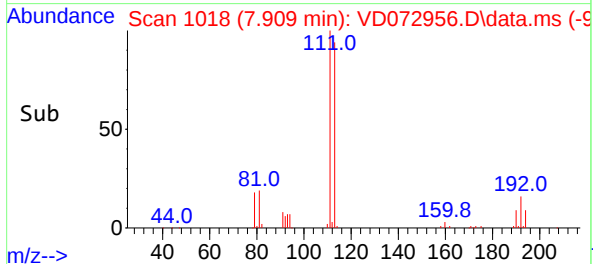
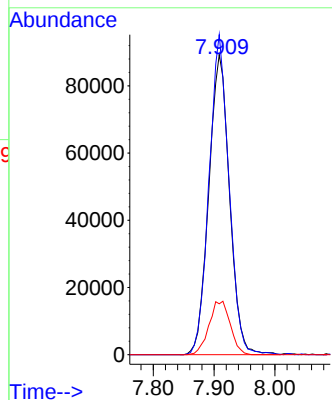
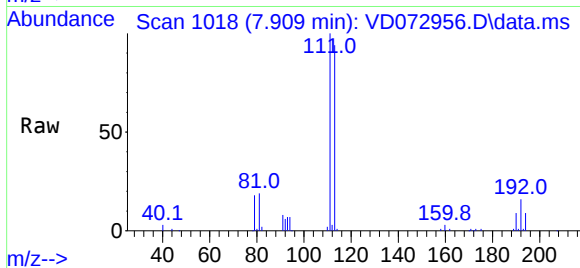
Tgt Ion:113 Resp: 211331

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.181 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072956.D

Acq: 12 May 2022 19:17

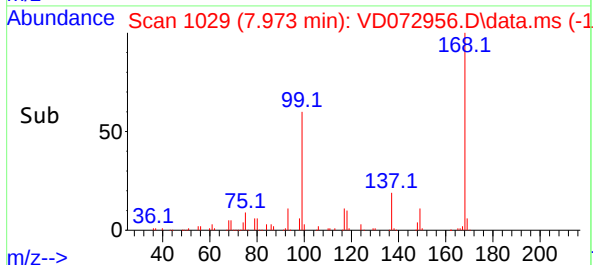
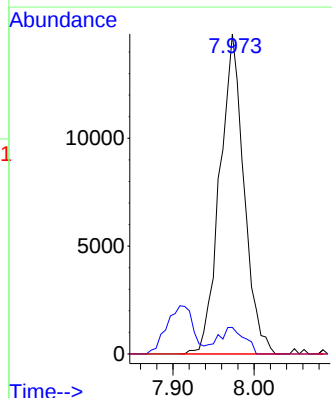
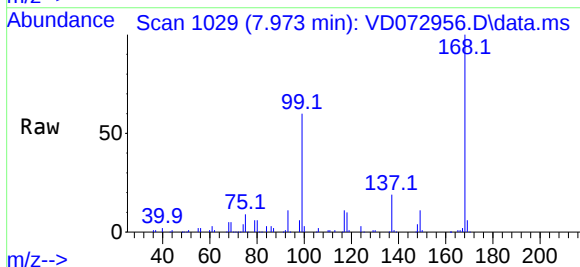
Tgt Ion: 75 Resp: 30754

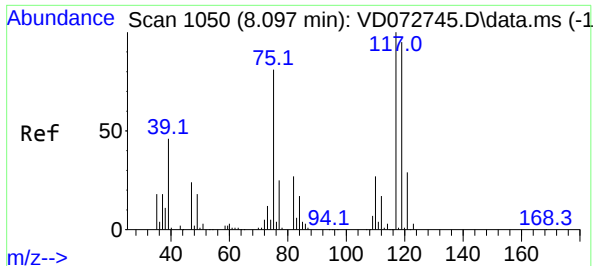
Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.1#

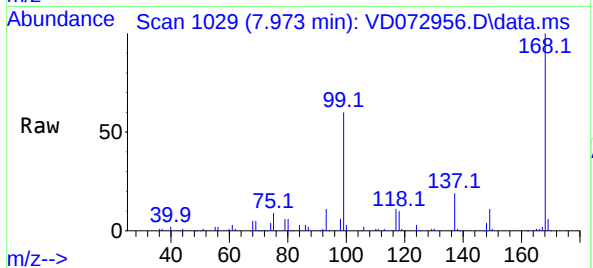
77 0.0 24.2 36.2#



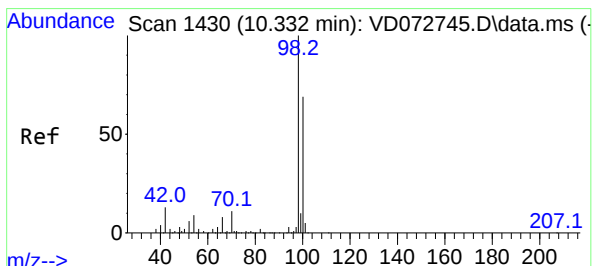
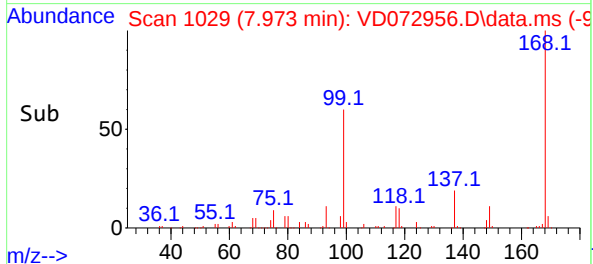
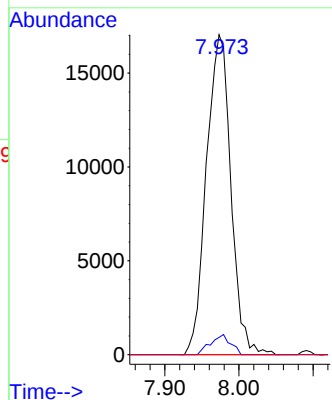


#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :

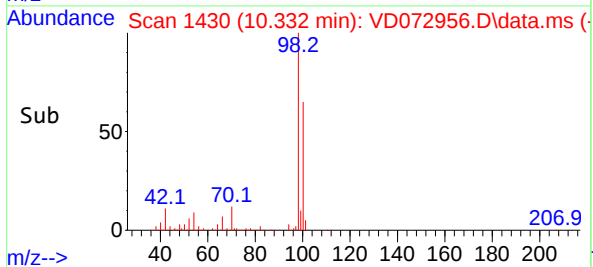
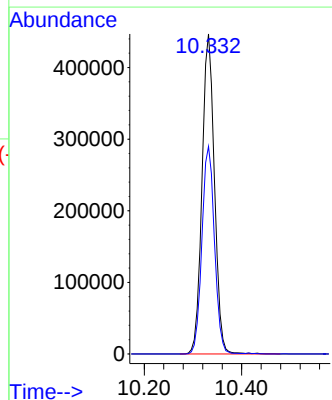
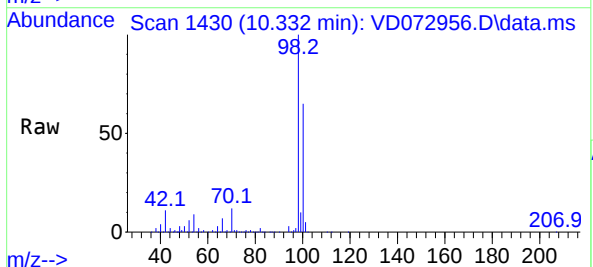


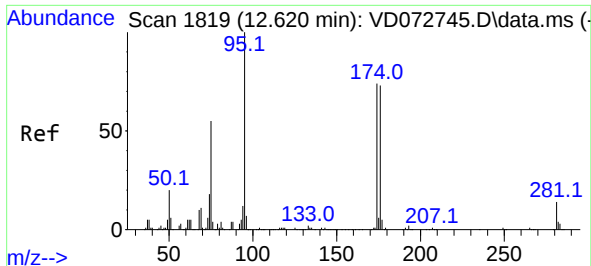
Tgt Ion:117 Resp: 39129
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.588 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Tgt Ion: 98 Resp: 788463
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

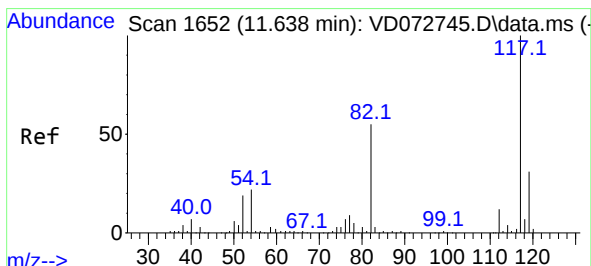
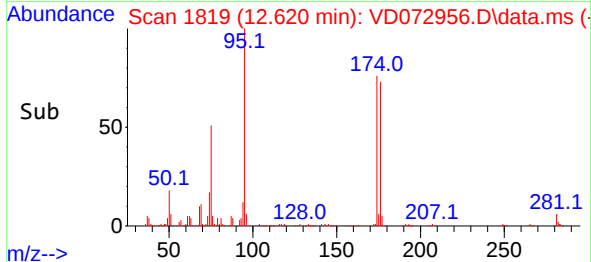
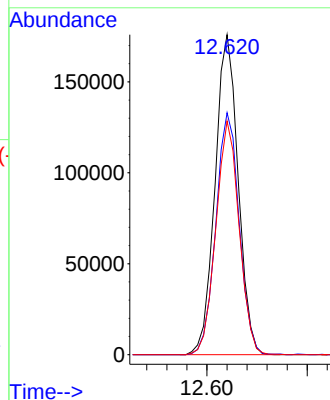
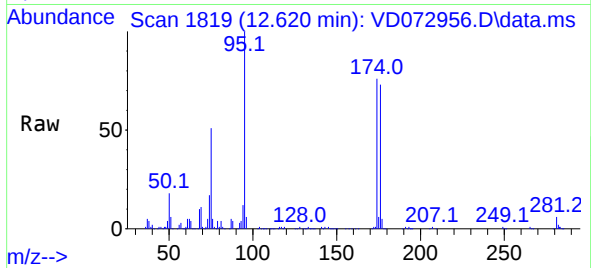




#62
4-Bromofluorobenzene
Concen: 46.312 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

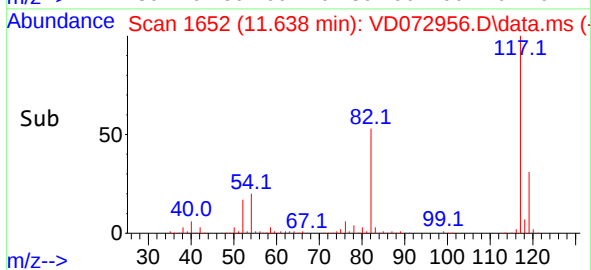
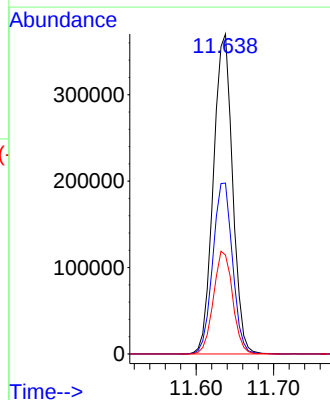
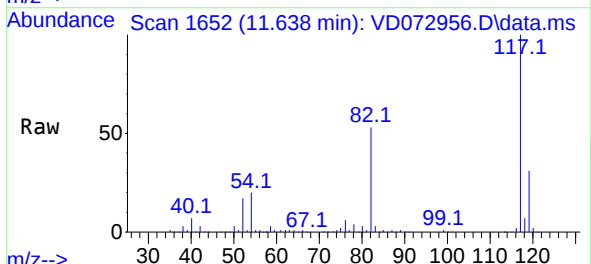
Instrument :
MSVOA_D
ClientSampleId :

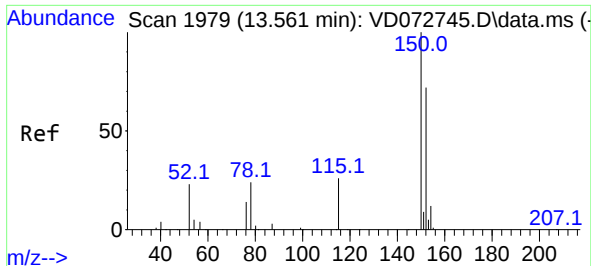
Tgt Ion: 95 Resp: 280220
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

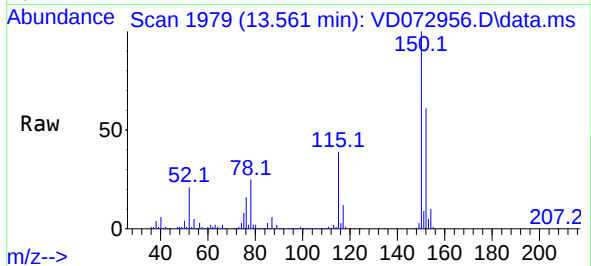
Tgt Ion: 117 Resp: 637029
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 30.9 26.6 40.0



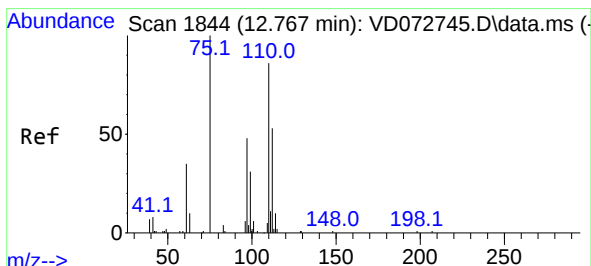
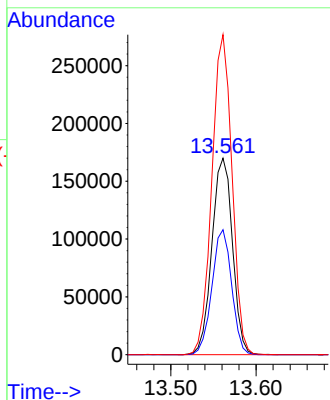
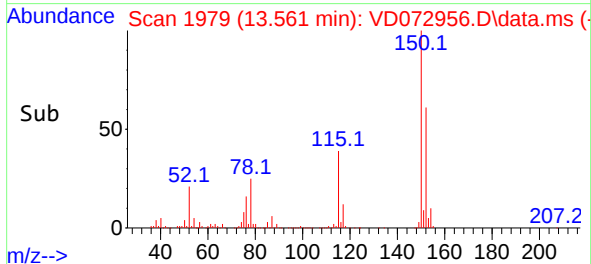


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :

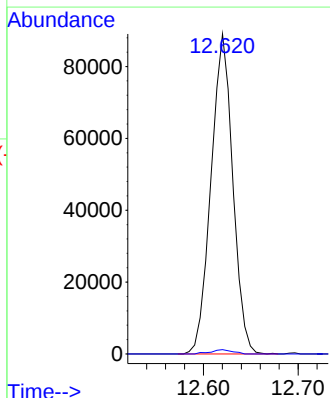
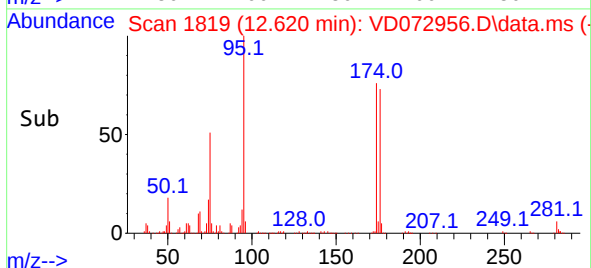
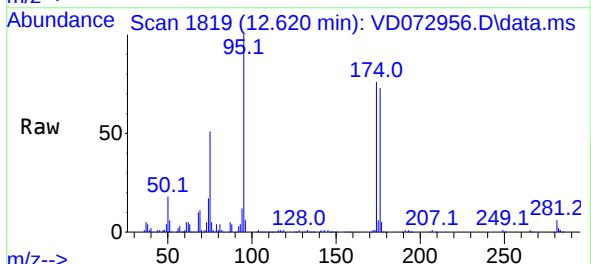


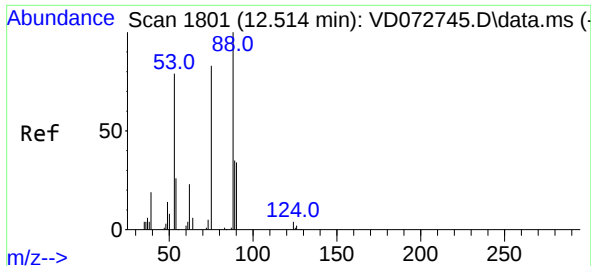
Tgt Ion:152 Resp: 285985
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 159.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.559 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

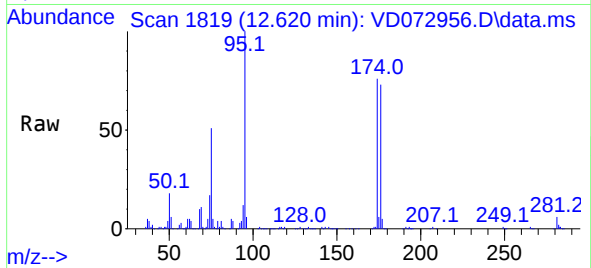
Tgt Ion: 75 Resp: 142096
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 102.468 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 142096
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.1 33.9 50.9#

