

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072790.D
 Acq On : 04 May 2022 15:55
 Operator : VA/SY
 Sample : N2677-01
 Misc : 6.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5,8

Quant Time: May 05 01:37:50 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)

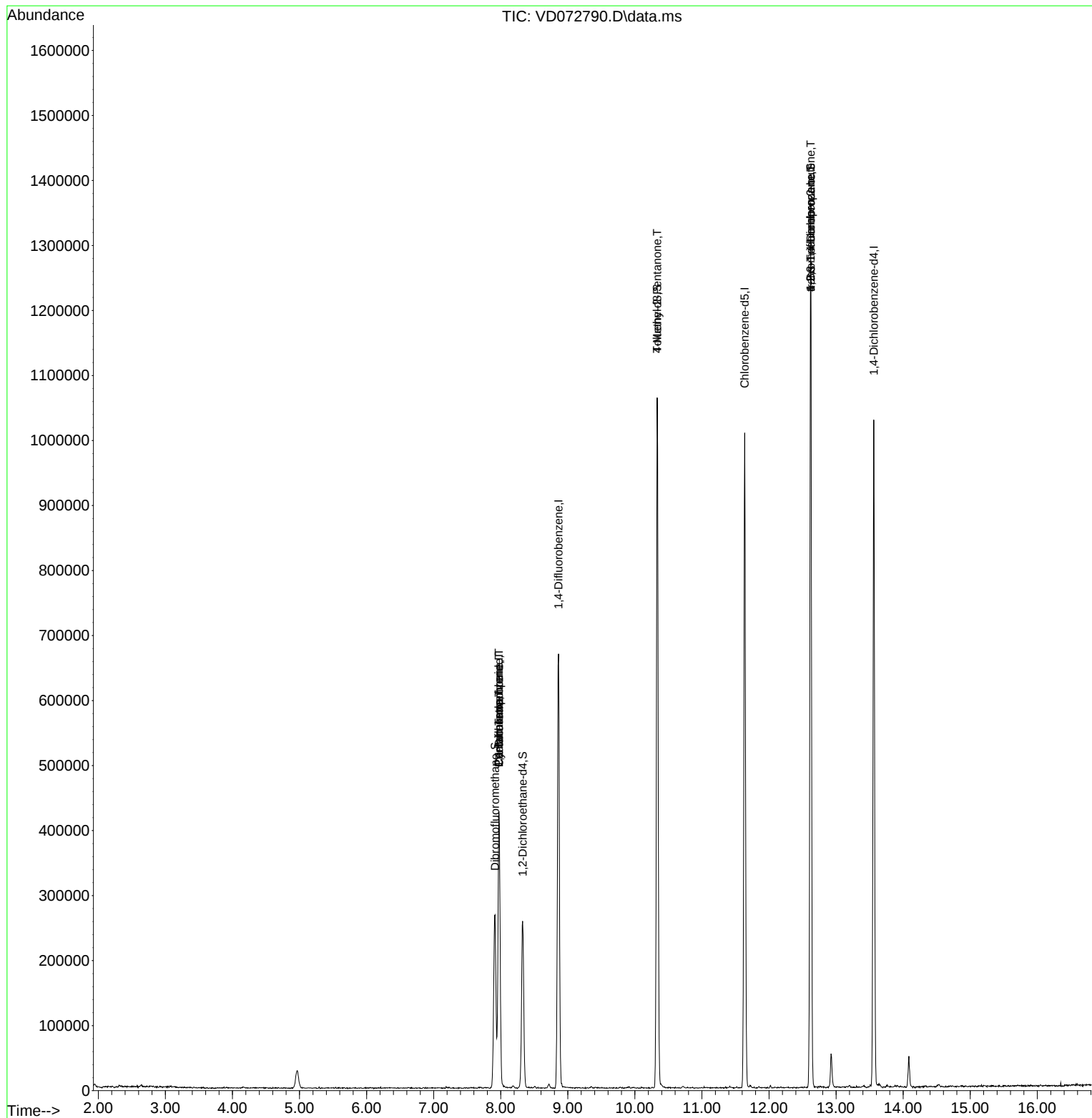
Internal Standards						
1) Pentafluorobenzene	7.973	168	295720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	565822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208261	54.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.500%	
35) Dibromofluoromethane	7.914	113	195174	49.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.220%	
50) Toluene-d8	10.332	98	707363	49.624	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	12.620	95	270115	50.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.640%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1166	Below Cal	#	69
16) Acetone	4.162	43	1831	Below Cal	#	47
18) Methyl Acetate	4.979	43	53	Below Cal	#	55
20) Methylene Chloride	4.962	84	21224	Below Cal	#	78
31) Cyclohexane	7.973	56	7564	1.127	ug/l #	26
36) 1,1-Dichloropropene	7.973	75	25587	3.960	ug/l #	52
38) Carbon Tetrachloride	7.973	117	32228	4.805	ug/l #	19
51) 4-Methyl-2-Pentanone	10.332	43	3406	1.196	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	145048	50.779	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	145048	116.771	ug/l #	8

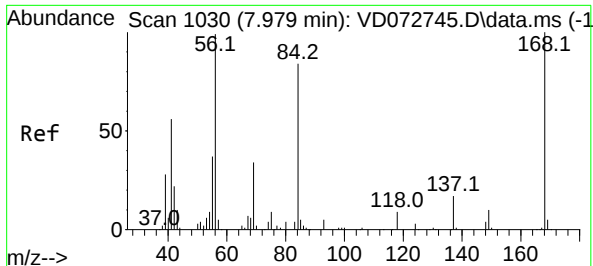
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
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SB-5,8

Quant Time: May 05 01:37:50 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

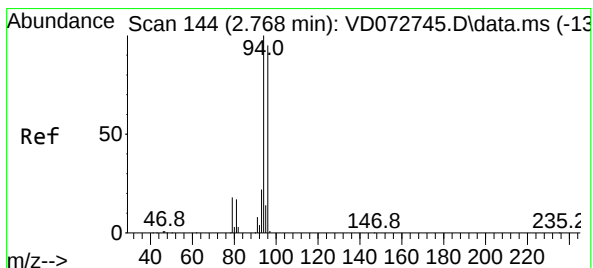
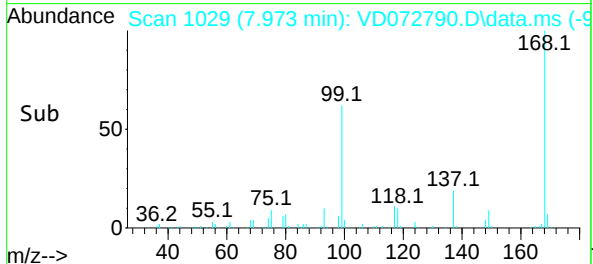
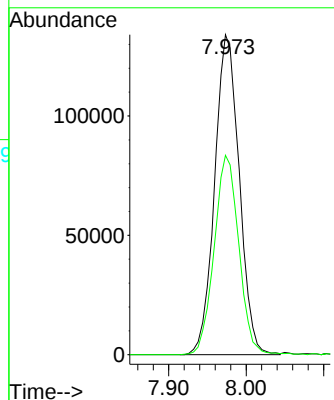
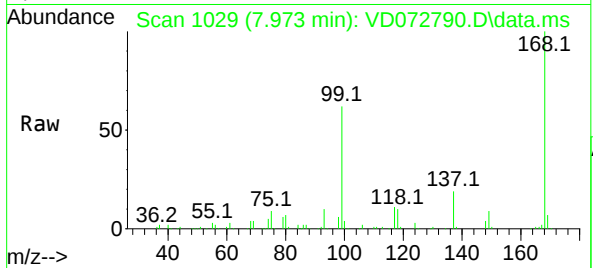




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

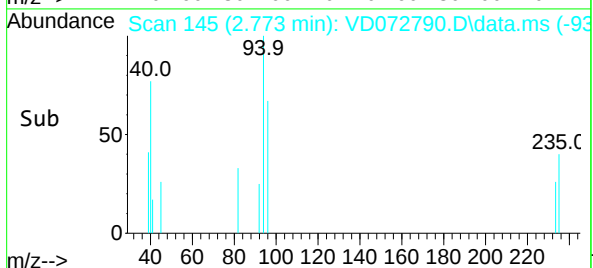
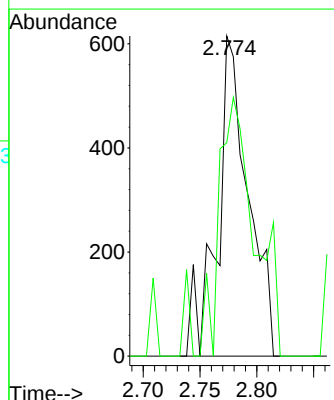
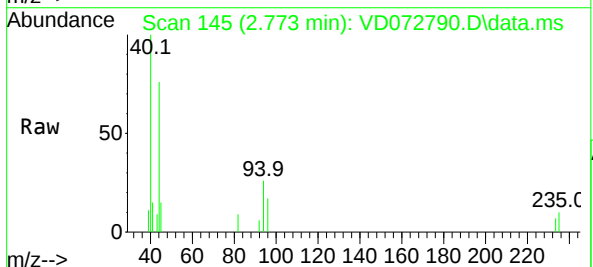
Instrument :
MSVOA_D
ClientSampleId :
SB-5.8

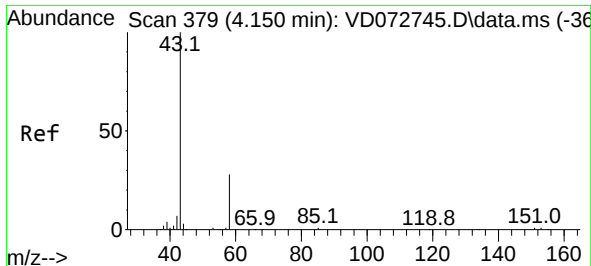
Tgt Ion:168 Resp: 295720
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

Tgt Ion: 94 Resp: 1166
Ion Ratio Lower Upper
94 100
96 66.7 77.6 116.4#

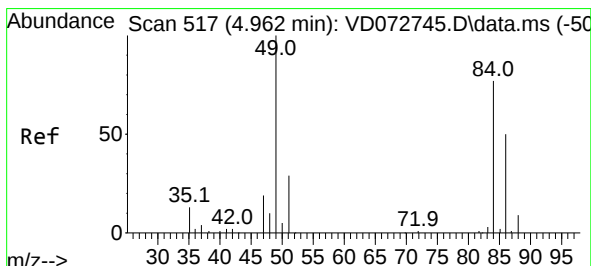
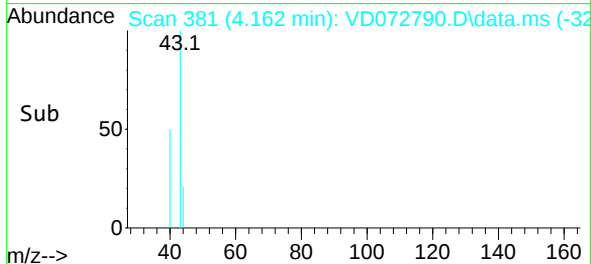
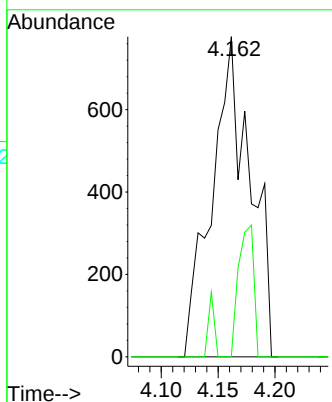
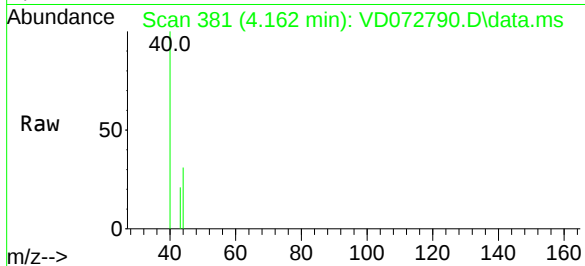




#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

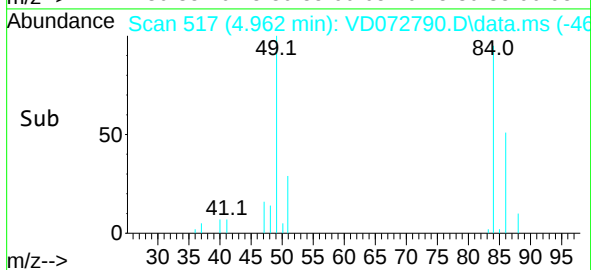
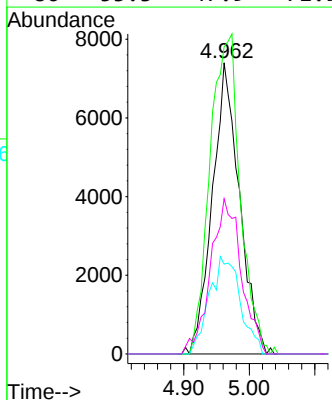
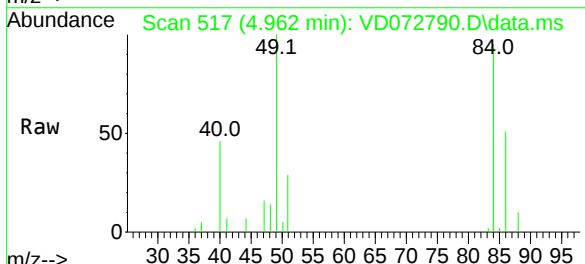
Instrument :
MSVOA_D
ClientSampleId :
SB-5.8

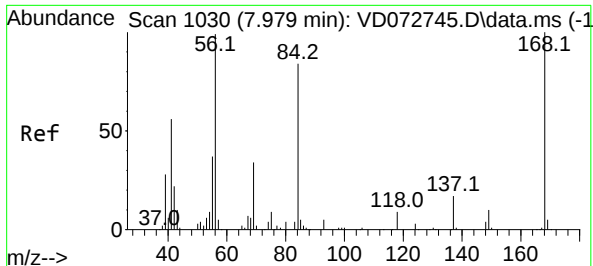
Tgt Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

Tgt Ion: 84 Resp: 21224
Ion Ratio Lower Upper
84 100
49 105.4 112.8 169.2#
51 30.9 32.6 48.8#
86 53.3 47.9 71.9





#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072790.D

Acq: 04 May 2022 15:55

Instrument :

MSVOA_D

ClientSampleId :

SB-5,8

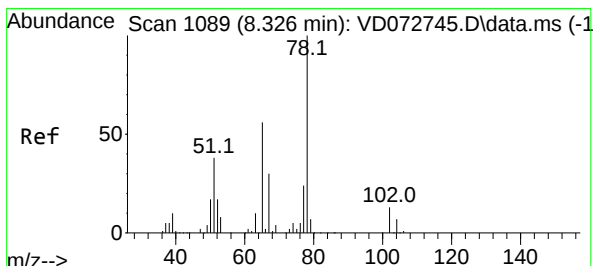
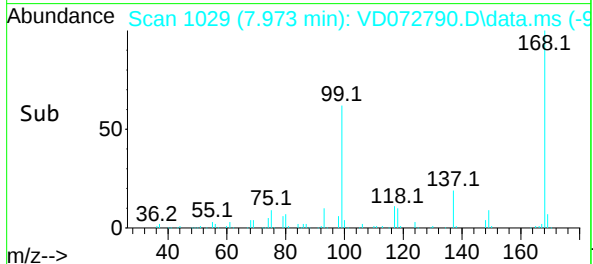
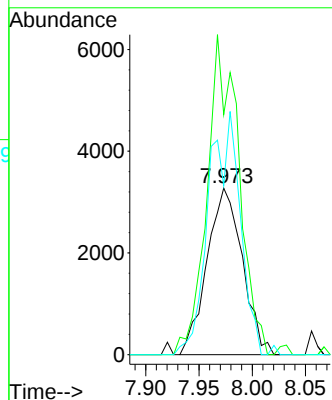
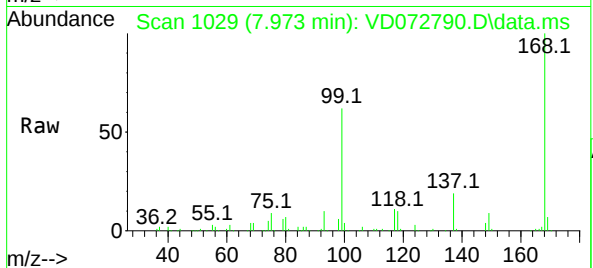
Tgt Ion: 56 Resp: 7564

Ion Ratio Lower Upper

56 100

69 139.3 25.4 38.2#

84 101.5 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 54.253 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072790.D

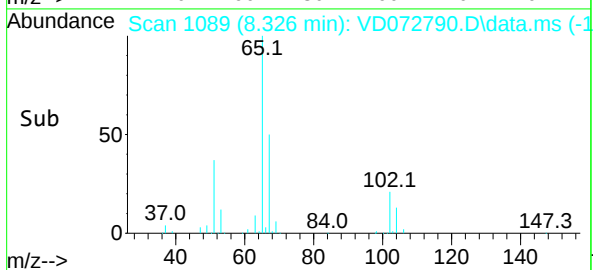
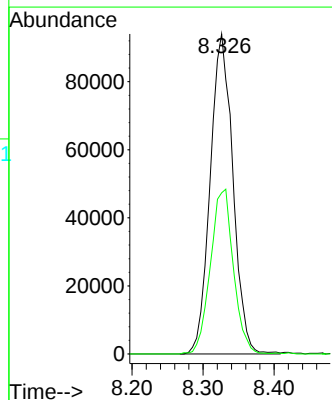
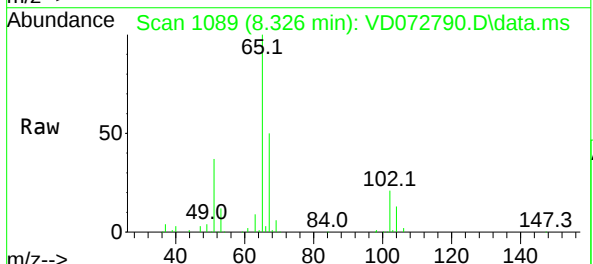
Acq: 04 May 2022 15:55

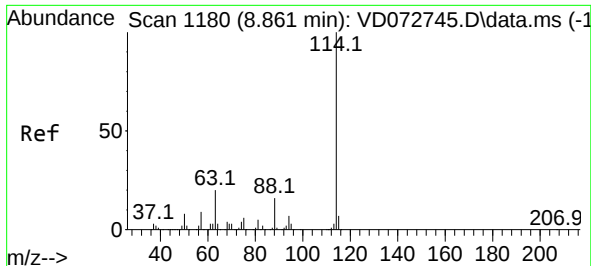
Tgt Ion: 65 Resp: 208261

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072790.D

Acq: 04 May 2022 15:55

Instrument :

MSVOA_D

ClientSampleId :

SB-5,8

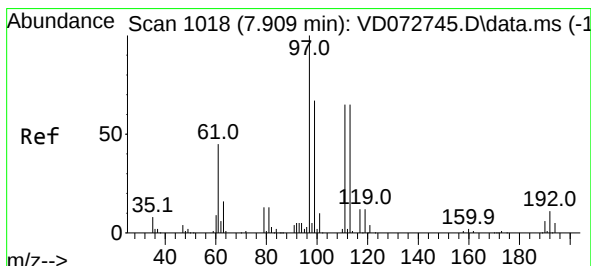
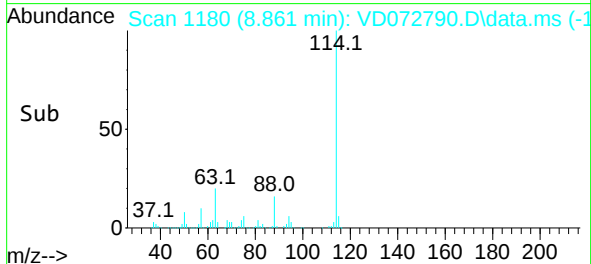
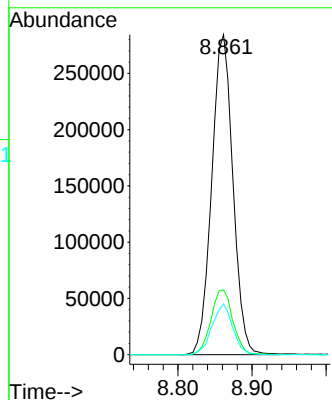
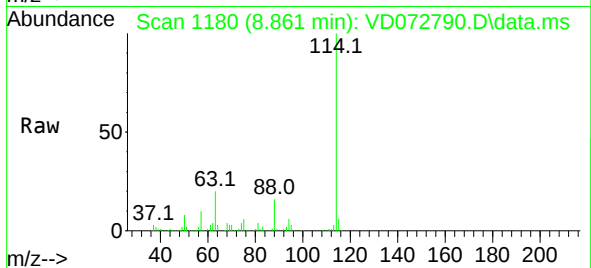
Tgt Ion:114 Resp: 565822

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.115 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072790.D

Acq: 04 May 2022 15:55

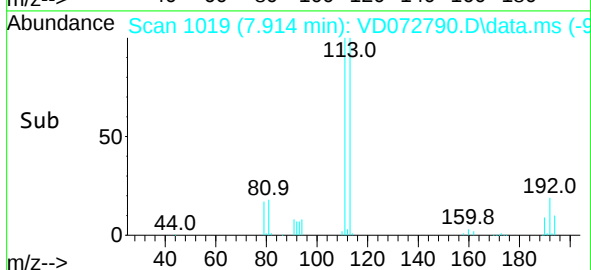
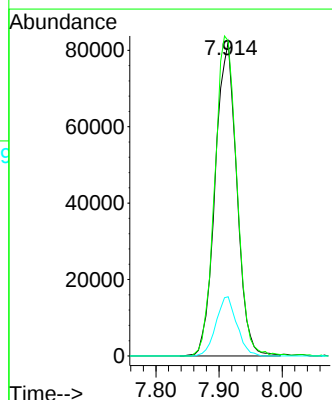
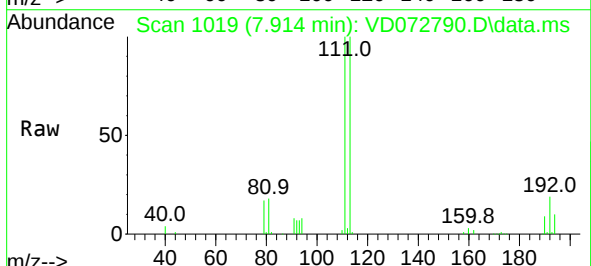
Tgt Ion:113 Resp: 195174

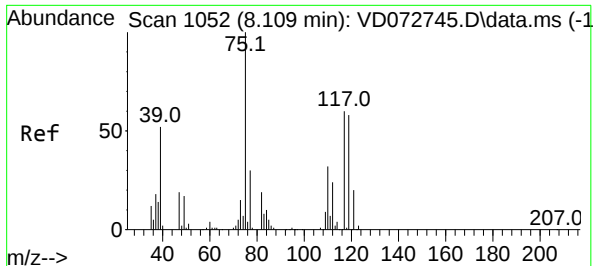
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 18.2 14.6 21.8





#36

1,1-Dichloropropene

Concen: 3.960 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072790.D

Acq: 04 May 2022 15:55

Instrument :

MSVOA_D

ClientSampleId :

SB-5,8

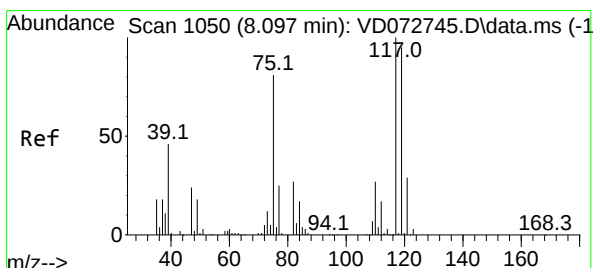
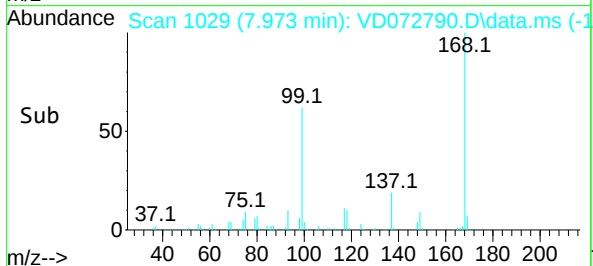
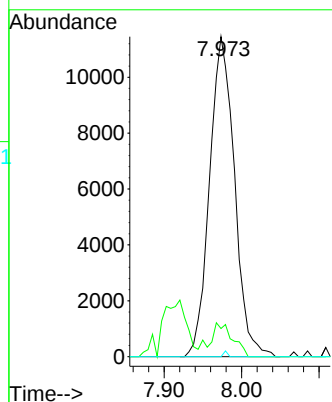
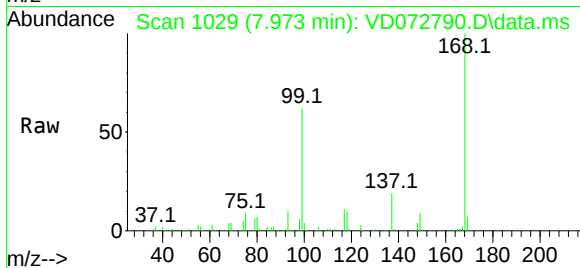
Tgt Ion: 75 Resp: 25587

Ion Ratio Lower Upper

75 100

110 9.5 16.4 49.1#

77 0.3 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.805 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072790.D

Acq: 04 May 2022 15:55

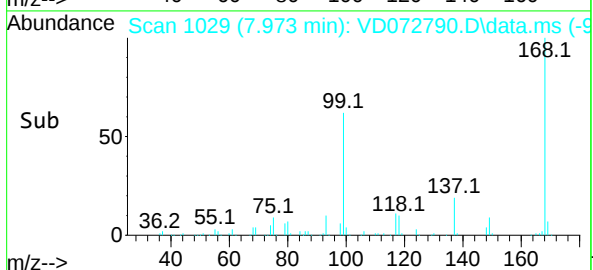
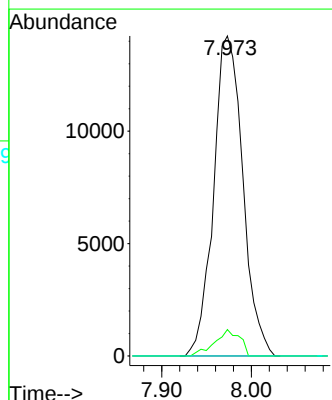
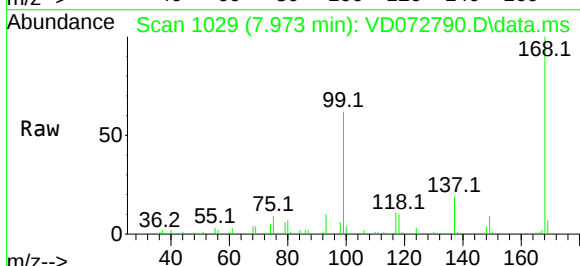
Tgt Ion: 117 Resp: 32228

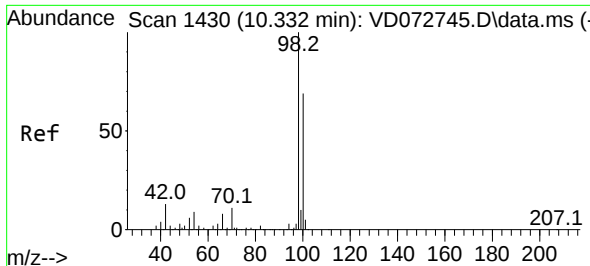
Ion Ratio Lower Upper

117 100

119 8.3 75.8 113.6#

121 0.0 24.5 36.7#

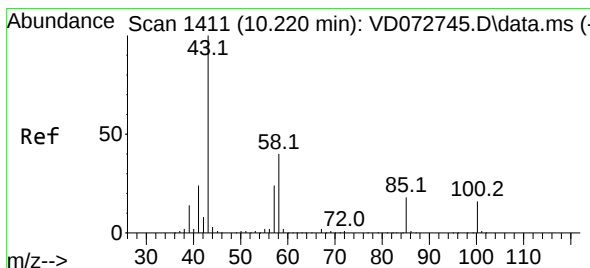
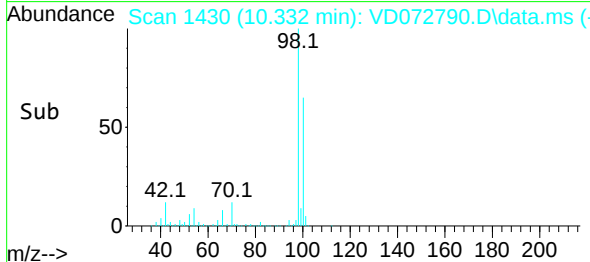
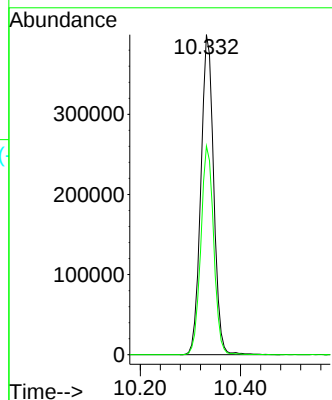
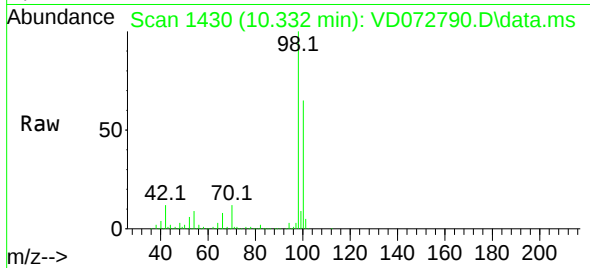




#50
Toluene-d8
Concen: 49.624 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

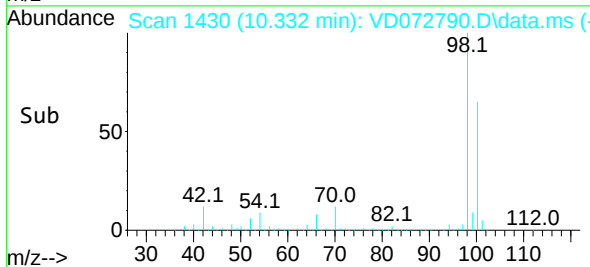
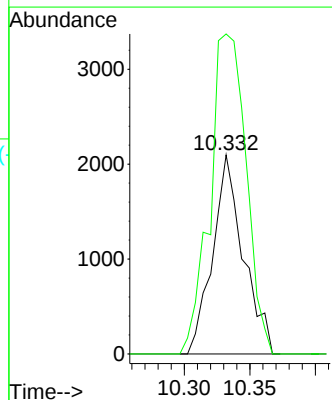
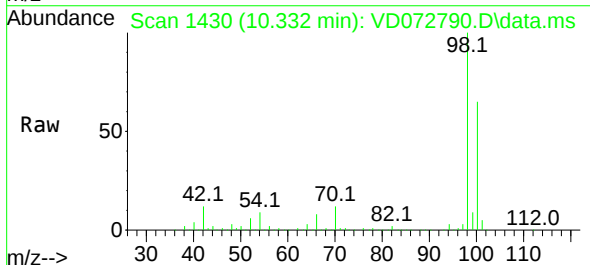
Instrument :
MSVOA_D
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SB-5,8

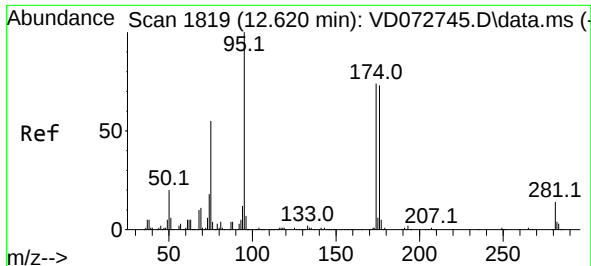
Tgt Ion: 98 Resp: 707363
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.196 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

Tgt Ion: 43 Resp: 3406
Ion Ratio Lower Upper
43 100
58 190.0 28.6 43.0#

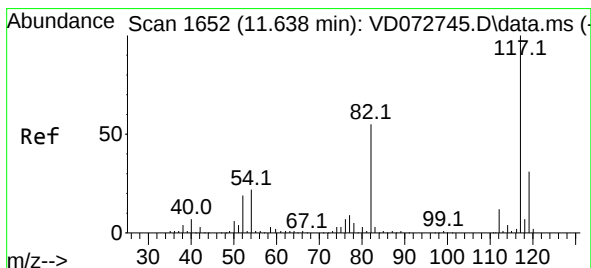
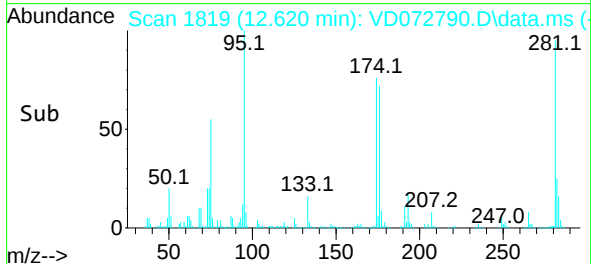
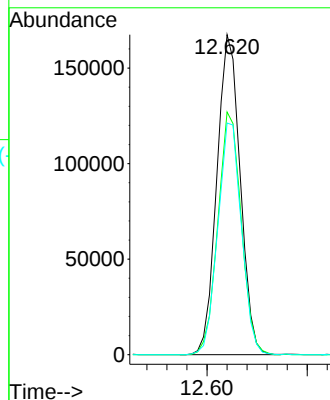
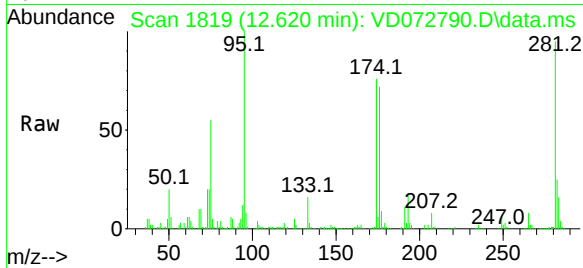




#62
4-Bromofluorobenzene
Concen: 50.820 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

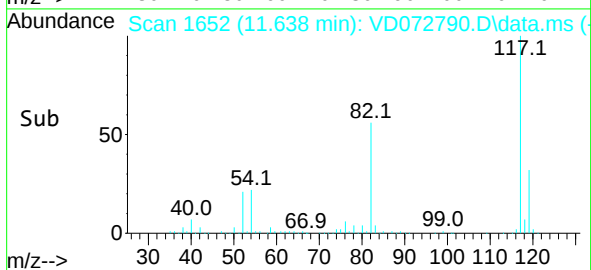
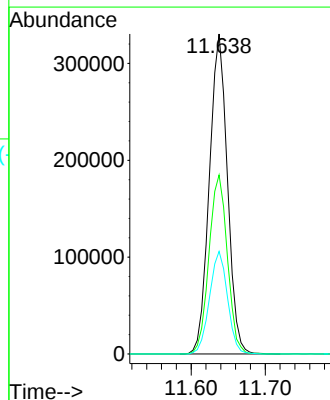
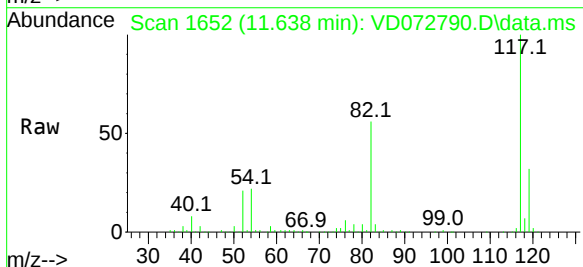
Instrument :
MSVOA_D
ClientSampleId :
SB-5,8

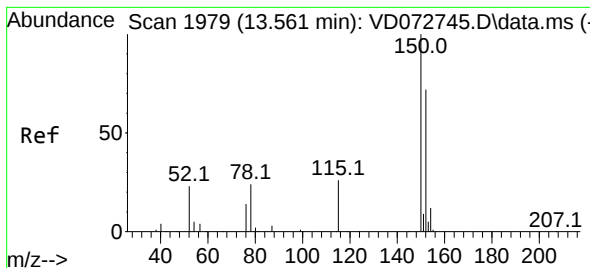
Tgt Ion: 95 Resp: 270115
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 73.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072790.D
Acq: 04 May 2022 15:55

Tgt Ion: 117 Resp: 558444
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 32.0 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: VD072790.D

Acq: 04 May 2022 15:55

Instrument :

MSVOA_D

ClientSampleId :

SB-5,8

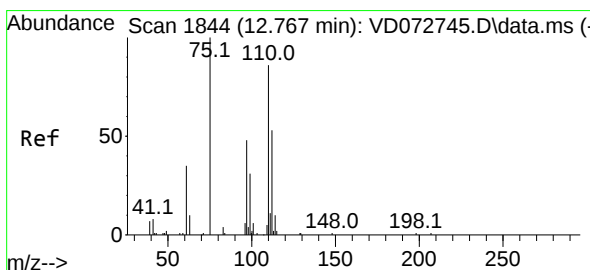
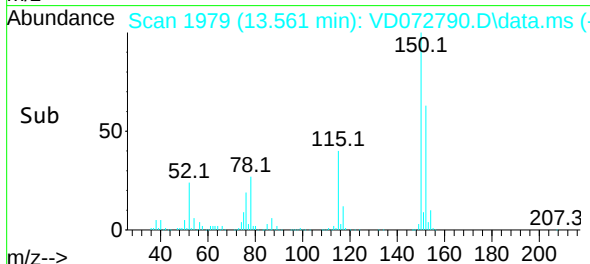
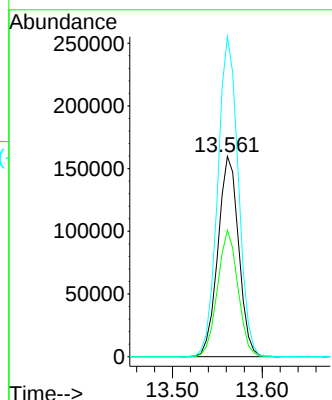
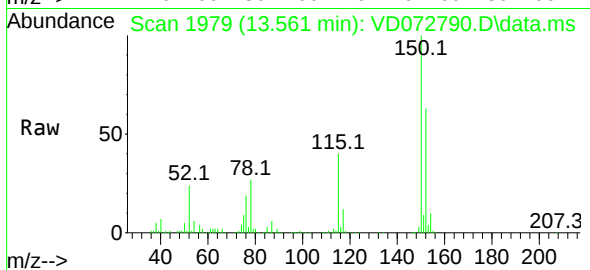
Tgt Ion:152 Resp: 256170

Ion Ratio Lower Upper

152 100

115 61.9 31.3 93.8

150 158.6 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 50.779 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD072790.D

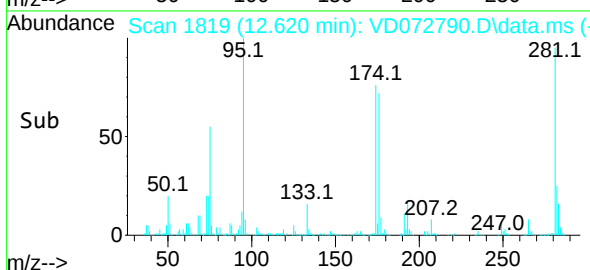
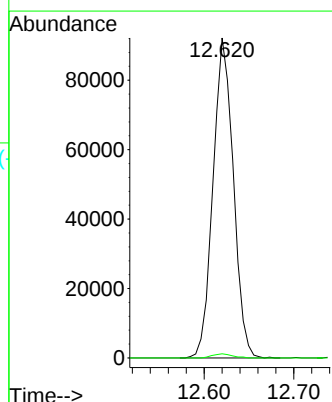
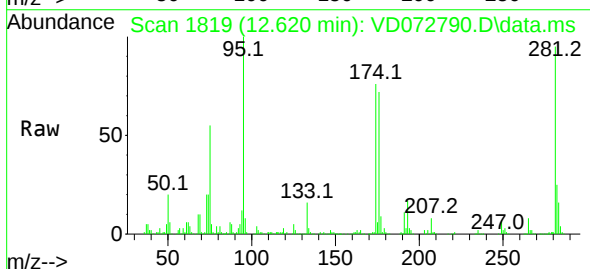
Acq: 04 May 2022 15:55

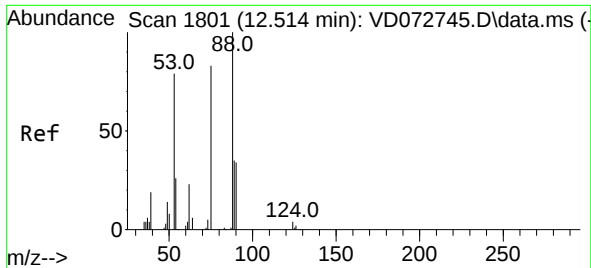
Tgt Ion: 75 Resp: 145048

Ion Ratio Lower Upper

75 100

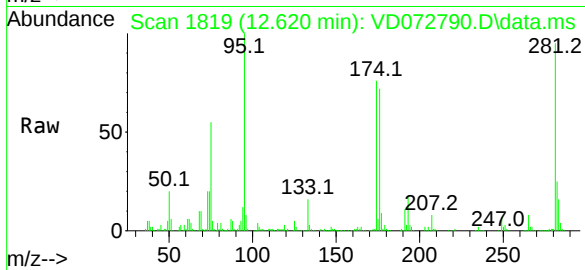
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.771 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072790.D
 Acq: 04 May 2022 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5,8



Tgt Ion: 75 Resp: 145048
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 1.7 33.9 50.9#

