

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072789.D
 Acq On : 04 May 2022 15:27
 Operator : VA/SY
 Sample : N2677-04
 Misc : 5.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1,15

Quant Time: May 05 01:37:39 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)

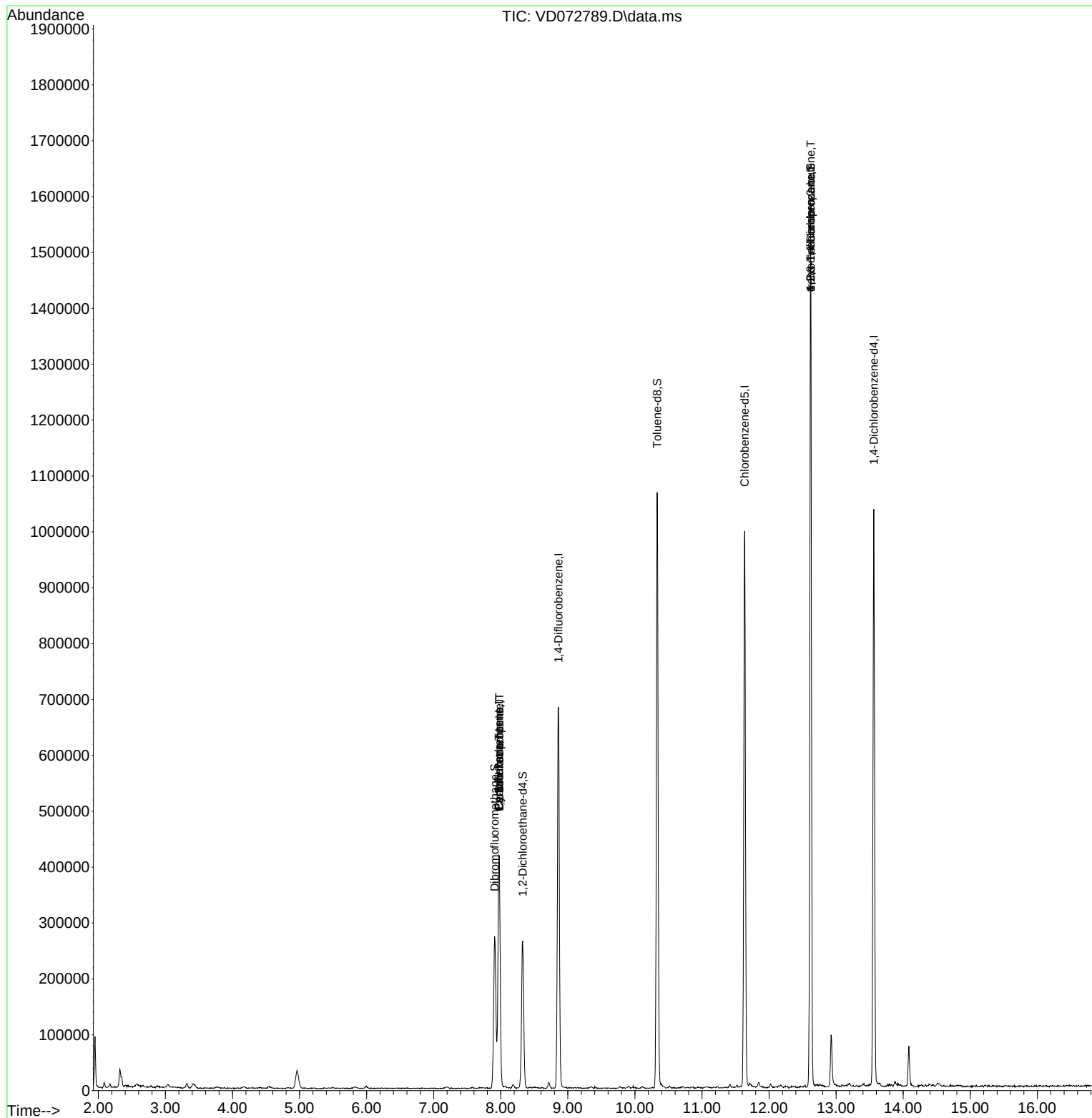
Internal Standards						
1) Pentafluorobenzene	7.973	168	302145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207853	52.996	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.000%			
35) Dibromofluoromethane	7.908	113	198154	48.676	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.360%			
50) Toluene-d8	10.332	98	711986	48.757	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.520%			
62) 4-Bromofluorobenzene	12.620	95	281641	51.725	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.460%			
Target Compounds						
5) Bromomethane	2.785	94	1072	Below Cal	Qvalue	82
16) Acetone	4.162	43	4430	Below Cal	#	82
18) Methyl Acetate	4.785	43	157	Below Cal	#	55
20) Methylene Chloride	4.962	84	23505	Below Cal		88
31) Cyclohexane	7.973	56	7746	1.130 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	27170	4.105 ug/l	#	52
38) Carbon Tetrachloride	7.979	117	32115	4.674 ug/l	#	17
76) 1,2,3-Trichloropropane	12.620	75	155382	52.373 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	155382	120.437 ug/l	#	8

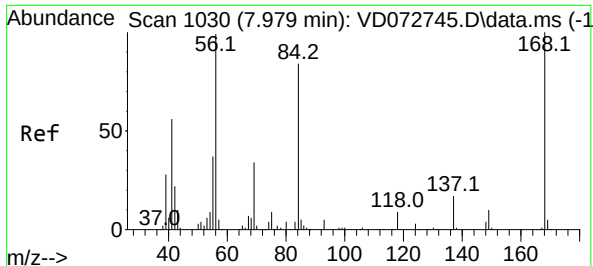
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-1,15

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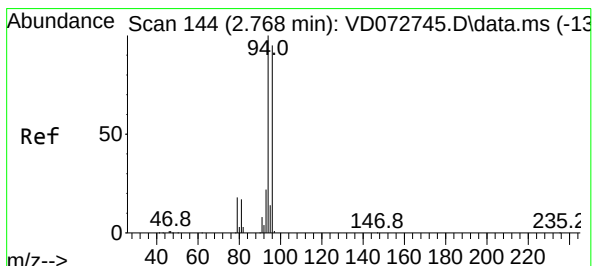
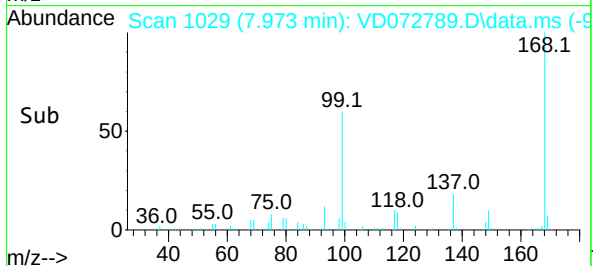
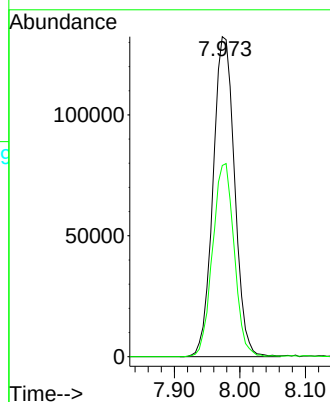
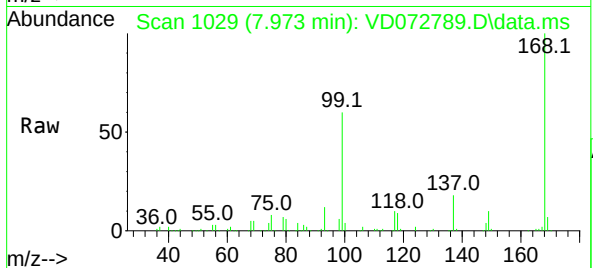




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072789.D
Acq: 04 May 2022 15:27

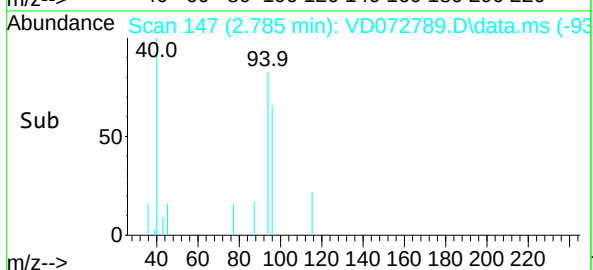
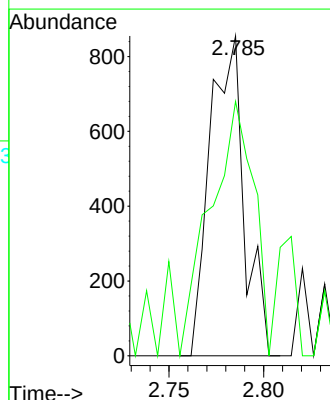
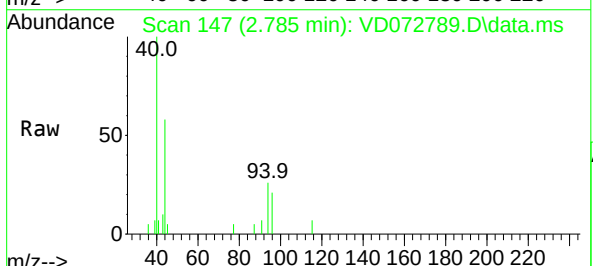
Instrument :
MSVOA_D
ClientSampleId :
SB-1,15

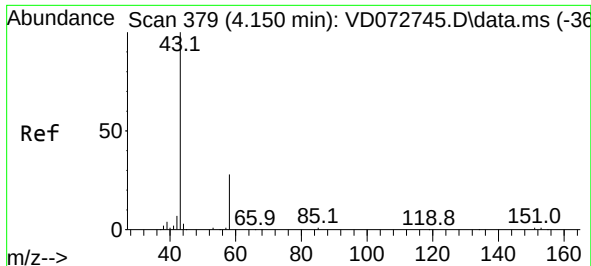
Tgt Ion:168 Resp: 302145
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072789.D
Acq: 04 May 2022 15:27

Tgt Ion: 94 Resp: 1072
Ion Ratio Lower Upper
94 100
96 79.5 77.6 116.4

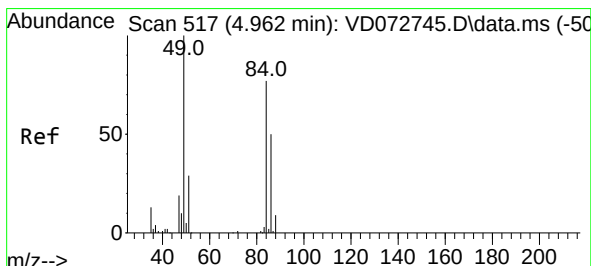
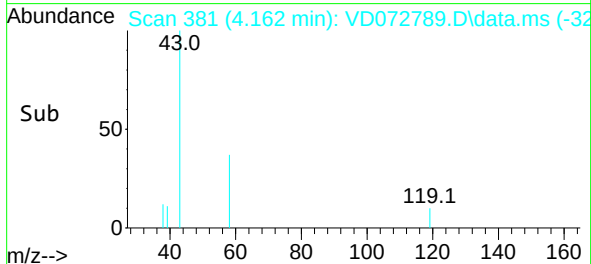
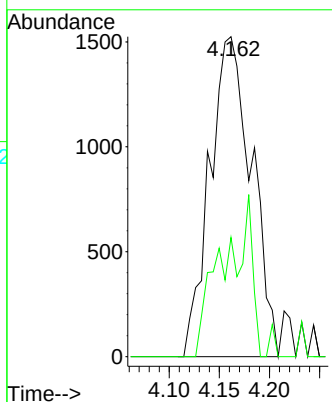
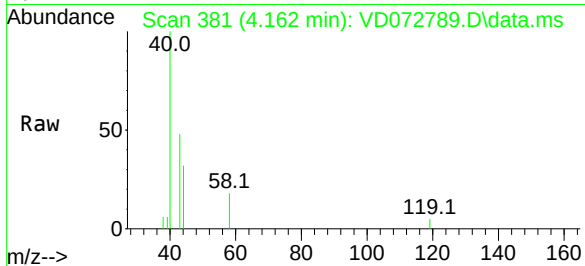




#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072789.D
Acq: 04 May 2022 15:27

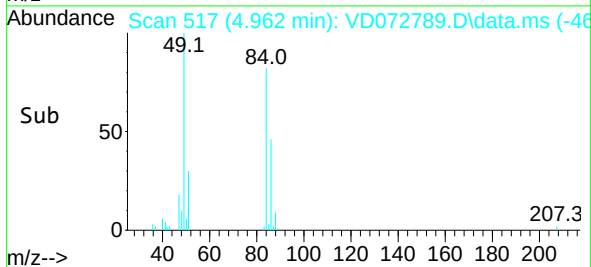
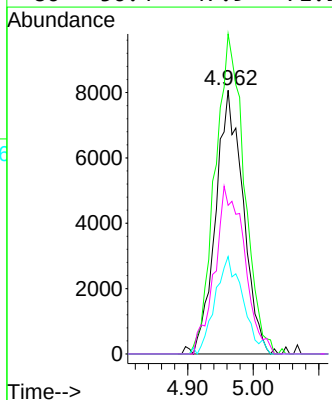
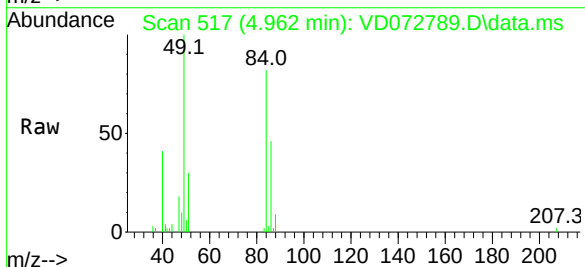
Instrument :
MSVOA_D
ClientSampleId :
SB-1,15

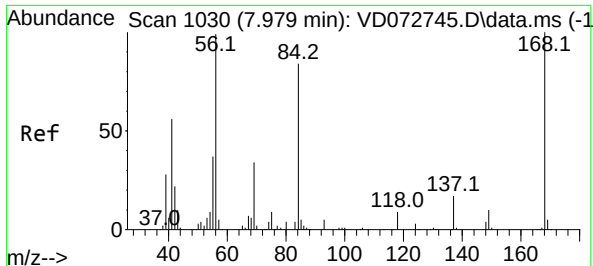
Tgt Ion: 43 Resp: 4430
Ion Ratio Lower Upper
43 100
58 37.2 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072789.D
Acq: 04 May 2022 15:27

Tgt Ion: 84 Resp: 23505
Ion Ratio Lower Upper
84 100
49 121.4 112.8 169.2
51 37.0 32.6 48.8
86 56.4 47.9 71.9





#31

Cyclohexane

Concen: 1.130 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072789.D

Acq: 04 May 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

SB-1,15

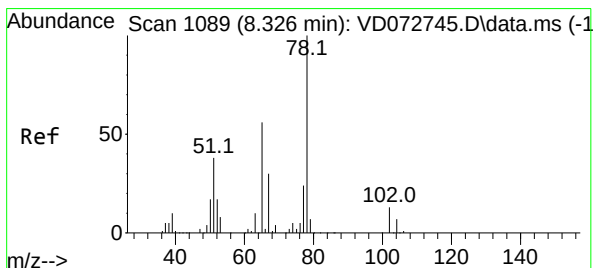
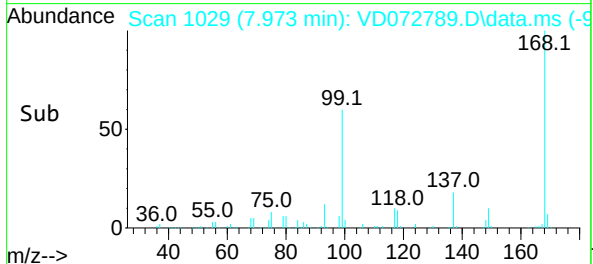
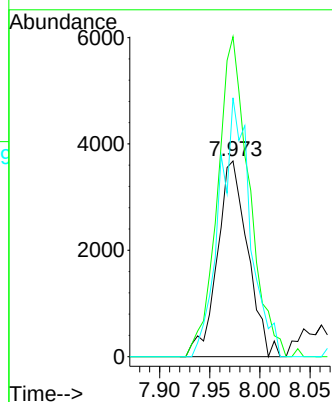
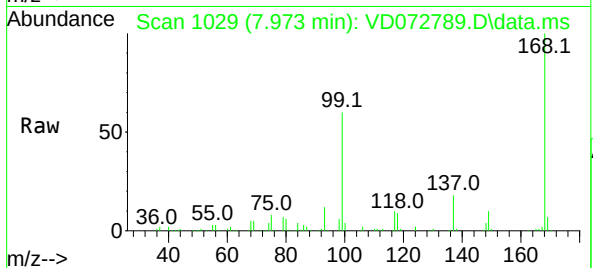
Tgt Ion: 56 Resp: 7746

Ion Ratio Lower Upper

56 100

69 163.5 25.4 38.2#

84 132.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 52.996 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072789.D

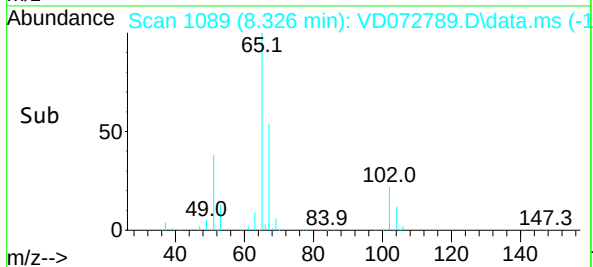
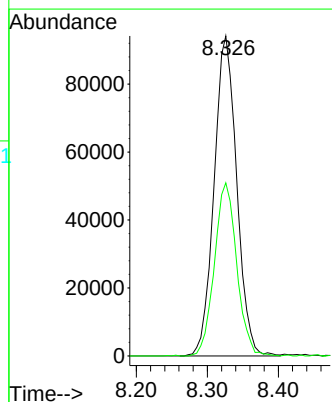
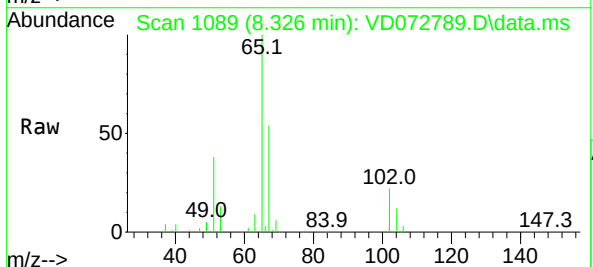
Acq: 04 May 2022 15:27

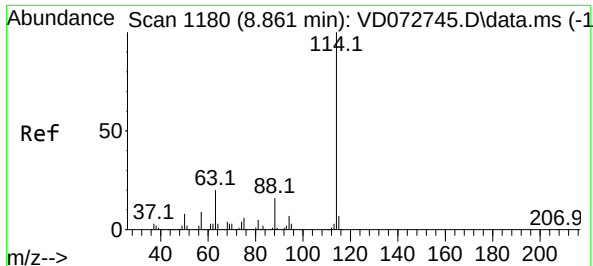
Tgt Ion: 65 Resp: 207853

Ion Ratio Lower Upper

65 100

67 53.4 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: VD072789.D

Acq: 04 May 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

SB-1,15

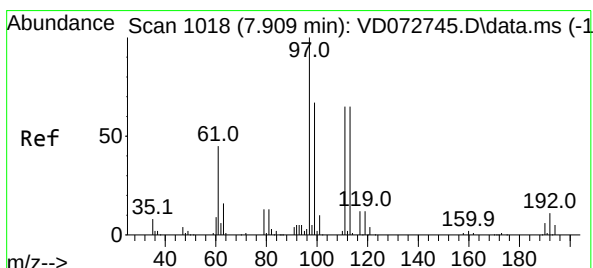
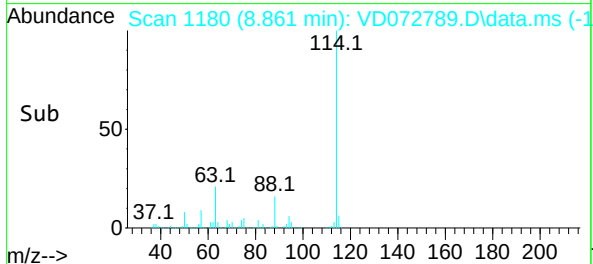
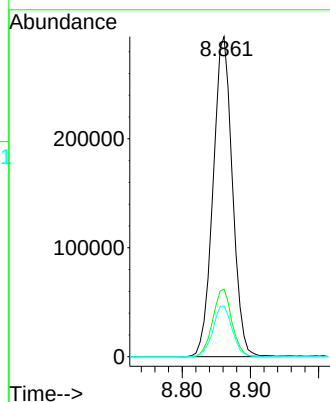
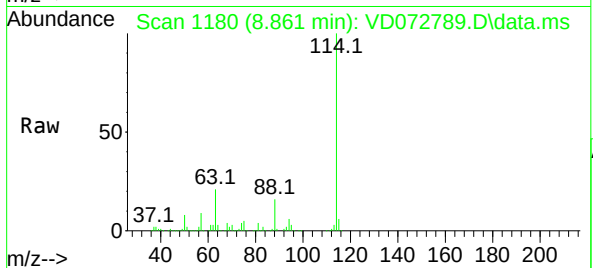
Tgt Ion:114 Resp: 579644

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.676 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072789.D

Acq: 04 May 2022 15:27

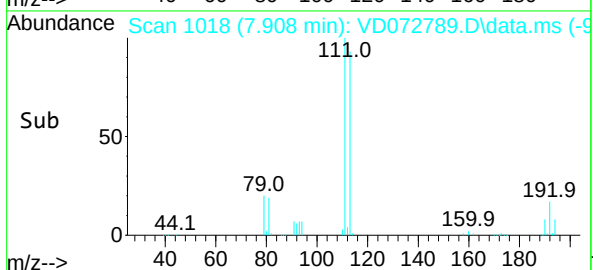
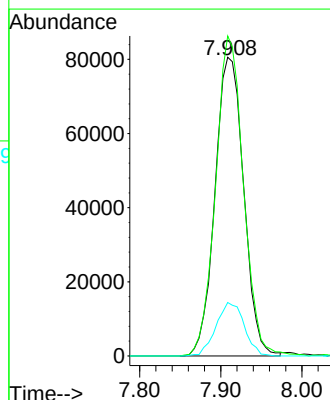
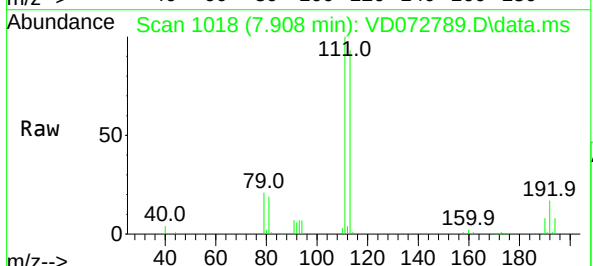
Tgt Ion:113 Resp: 198154

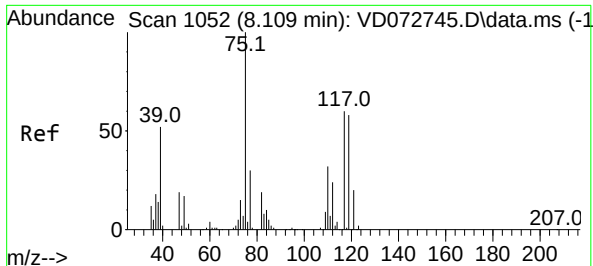
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 17.6 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.105 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD072789.D

Acq: 04 May 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

SB-1,15

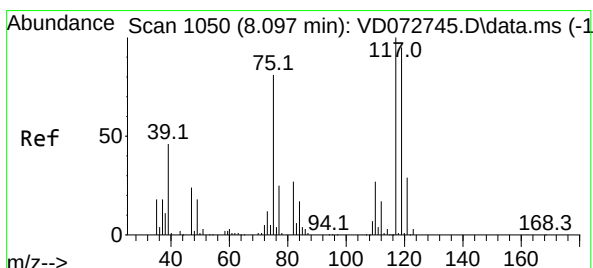
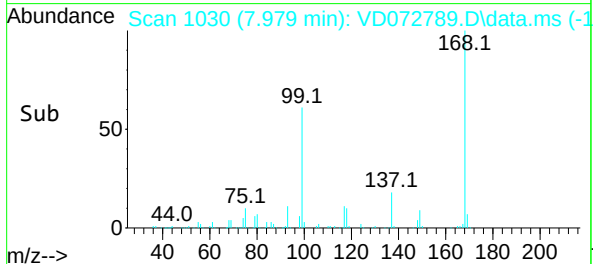
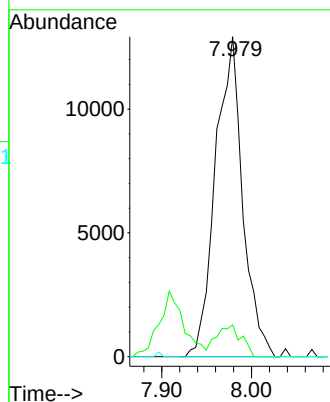
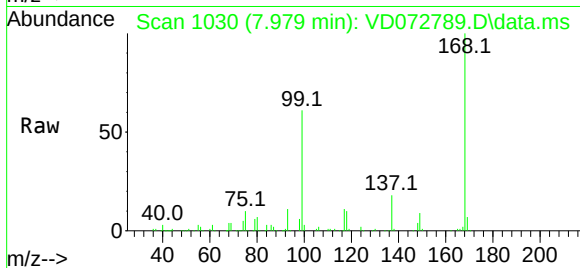
Tgt Ion: 75 Resp: 27170

Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.674 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD072789.D

Acq: 04 May 2022 15:27

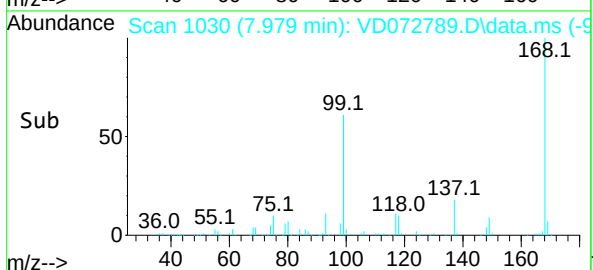
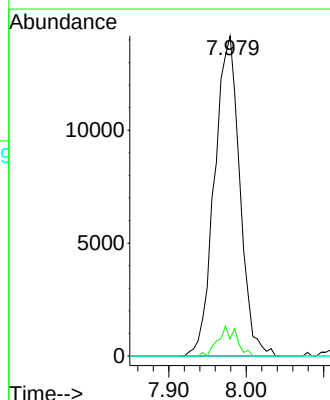
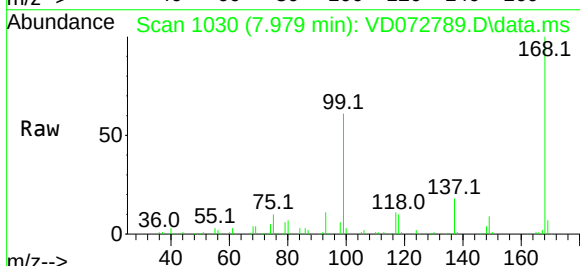
Tgt Ion: 117 Resp: 32115

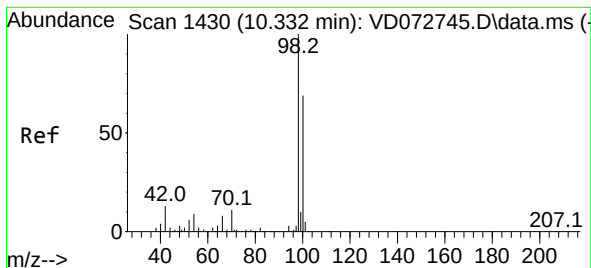
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.6#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 48.757 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072789.D

Acq: 04 May 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

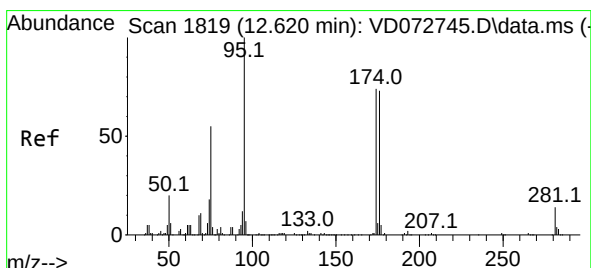
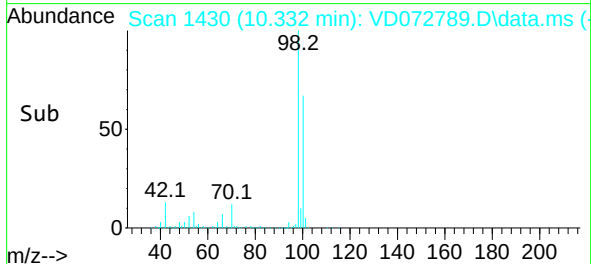
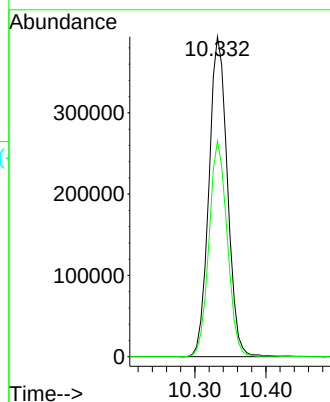
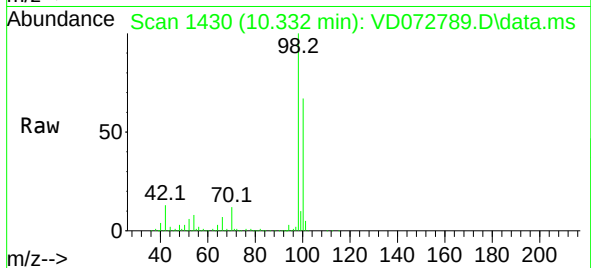
SB-1,15

Tgt Ion: 98 Resp: 711986

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 51.725 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD072789.D

Acq: 04 May 2022 15:27

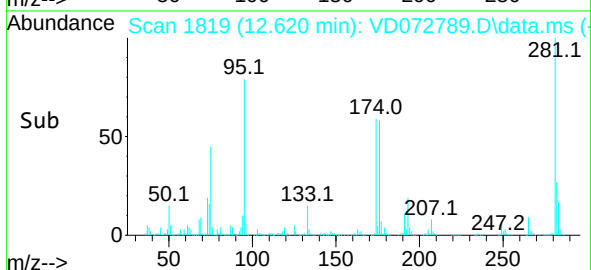
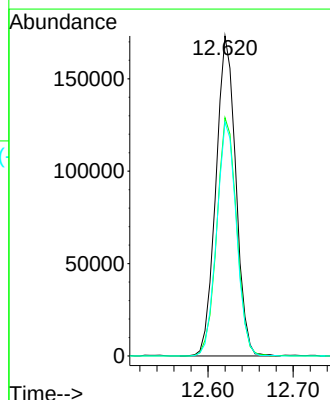
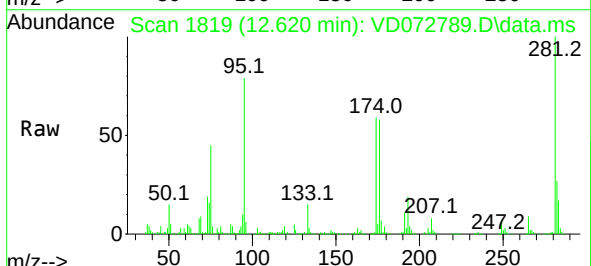
Tgt Ion: 95 Resp: 281641

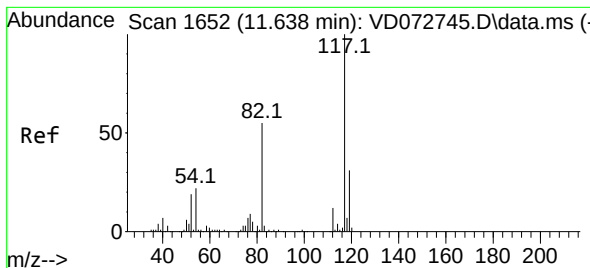
Ion Ratio Lower Upper

95 100

174 73.8 0.0 152.8

176 72.4 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072789.D

Acq: 04 May 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

SB-1,15

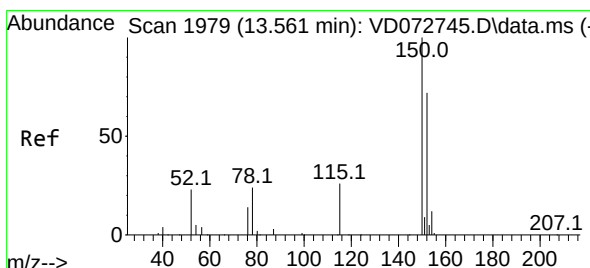
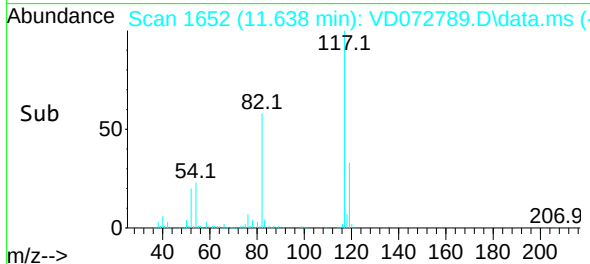
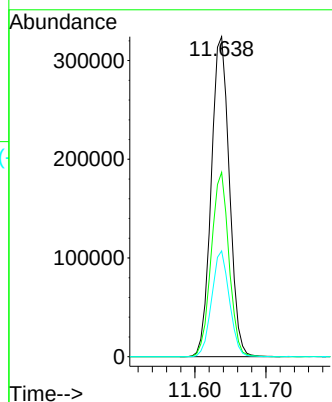
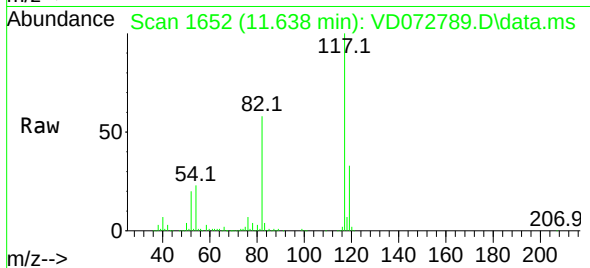
Tgt Ion:117 Resp: 573155

Ion Ratio Lower Upper

117 100

82 57.6 45.3 67.9

119 33.0 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: VD072789.D

Acq: 04 May 2022 15:27

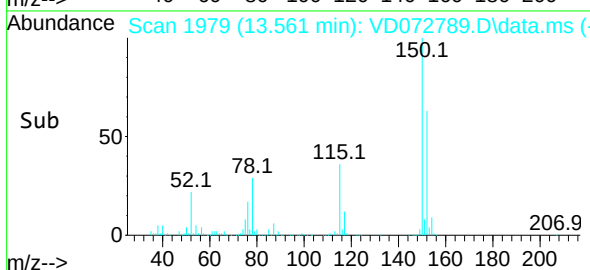
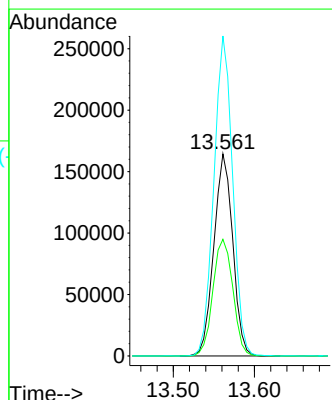
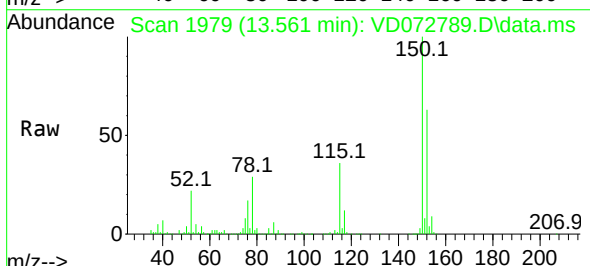
Tgt Ion:152 Resp: 266067

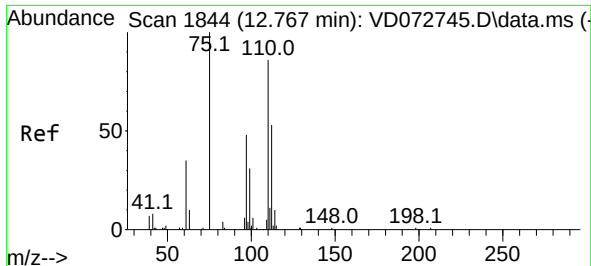
Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.8

150 157.3 0.0 348.6

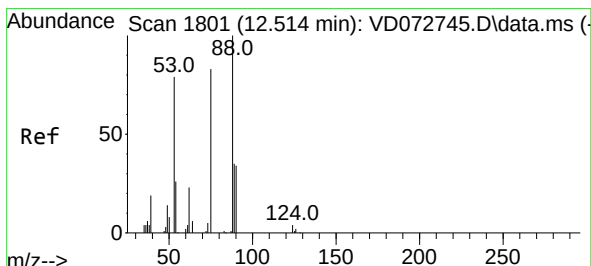
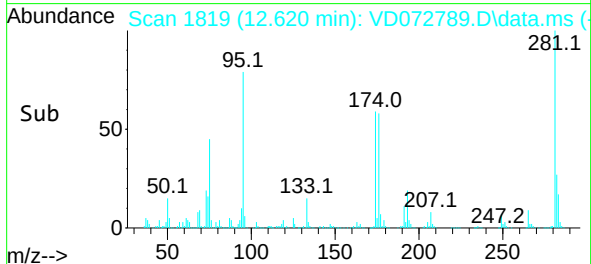
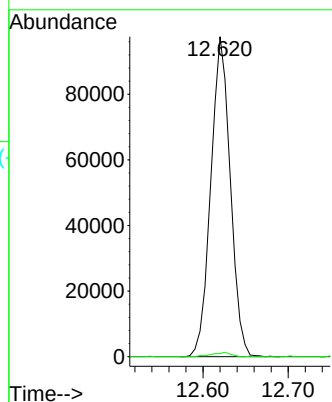
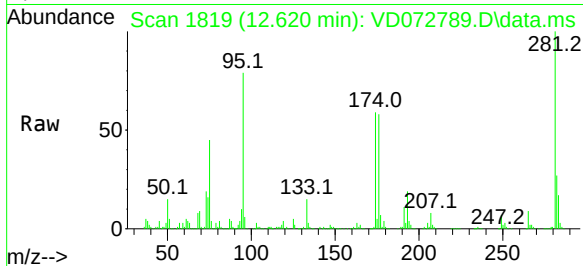




#76
1,2,3-Trichloropropane
Concen: 52.373 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072789.D
Acq: 04 May 2022 15:27

Instrument :
MSVOA_D
ClientSampleId :
SB-1,15

Tgt Ion: 75 Resp: 155382
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.437 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072789.D
Acq: 04 May 2022 15:27

Tgt Ion: 75 Resp: 155382
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 2.1 33.9 50.9#

