

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072788.D
 Acq On : 04 May 2022 14:58
 Operator : VA/SY
 Sample : N2677-12
 Misc : 4.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7,12

Quant Time: May 05 01:37:27 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)

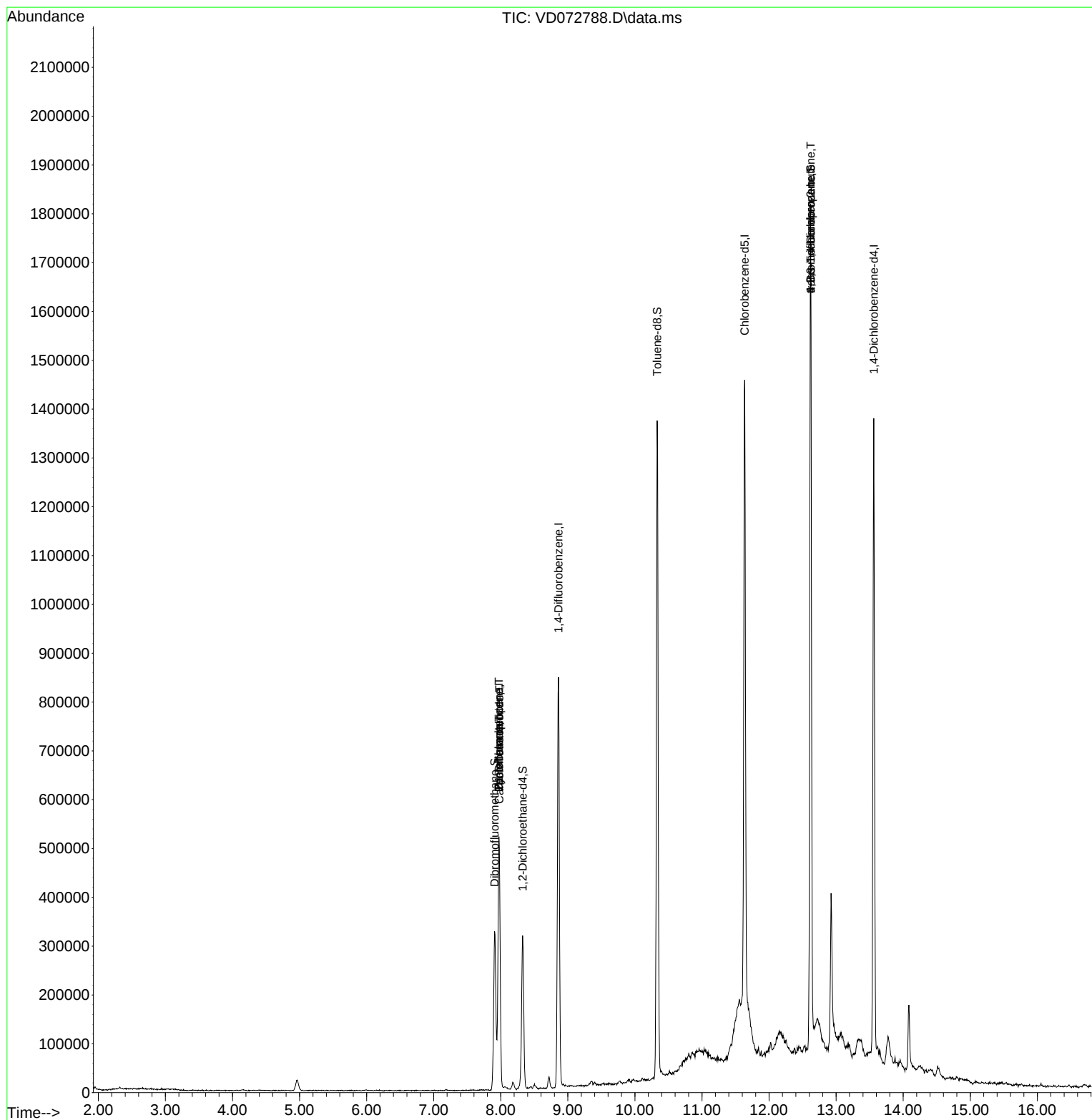
Internal Standards						
1) Pentafluorobenzene	7.973	168	365258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	720130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	736262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	338907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238807	50.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.740%	
35) Dibromofluoromethane	7.908	113	232196	45.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.820%	
50) Toluene-d8	10.332	98	918006	50.601	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.620	95	359348	53.122	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.240%	
Target Compounds						Qvalue
5) Bromomethane	2.779	94	1063	Below Cal	#	38
16) Acetone	4.150	43	2545	Below Cal	#	78
18) Methyl Acetate	4.573	43	56	Below Cal	#	55
20) Methylene Chloride	4.967	84	14893	Below Cal	#	89
31) Cyclohexane	7.973	56	11474	1.384	ug/l #	7
36) 1,1-Dichloropropene	7.973	75	31945	3.884	ug/l #	51
38) Carbon Tetrachloride	7.979	117	39152	4.586	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	193918	51.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	193918	118.002	ug/l #	8

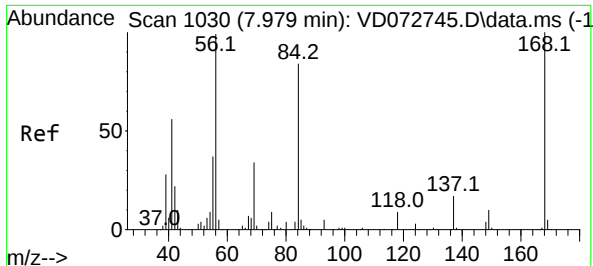
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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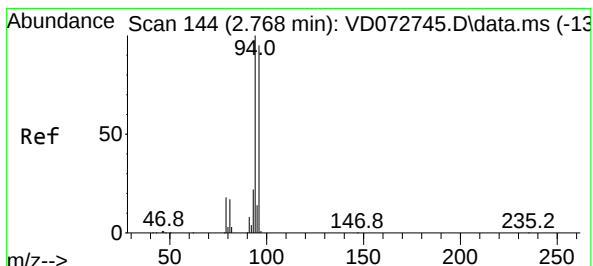
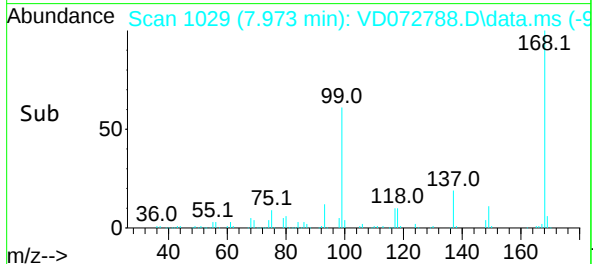
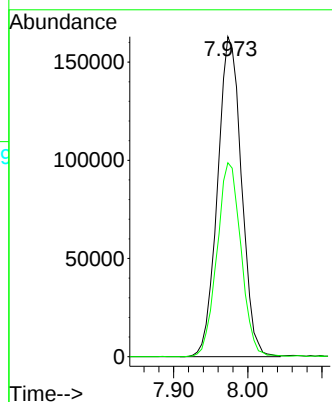
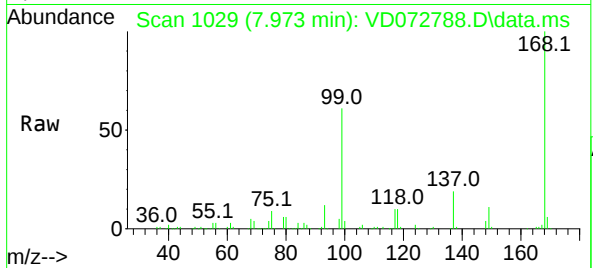




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072788.D
Acq: 04 May 2022 14:58

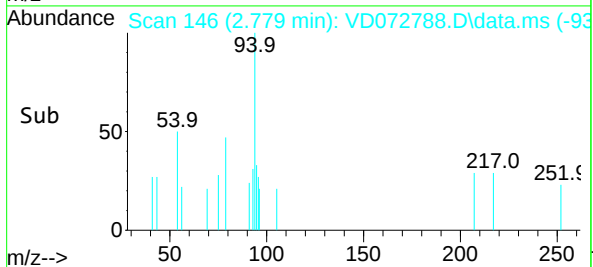
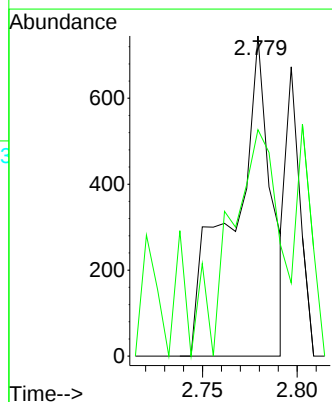
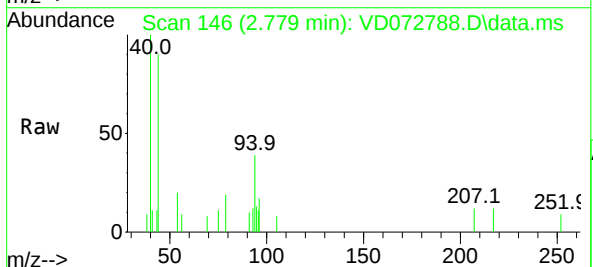
Instrument :
MSVOA_D
ClientSampleId :
SB-7,12

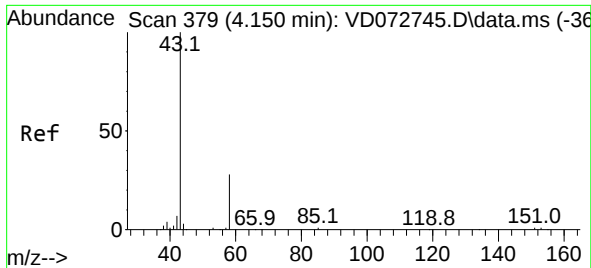
Tgt Ion:168 Resp: 365258
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072788.D
Acq: 04 May 2022 14:58

Tgt Ion: 94 Resp: 1063
Ion Ratio Lower Upper
94 100
96 35.7 77.6 116.4#

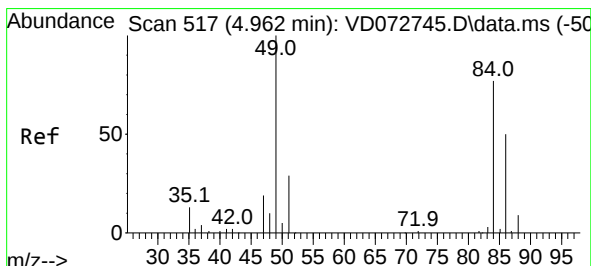
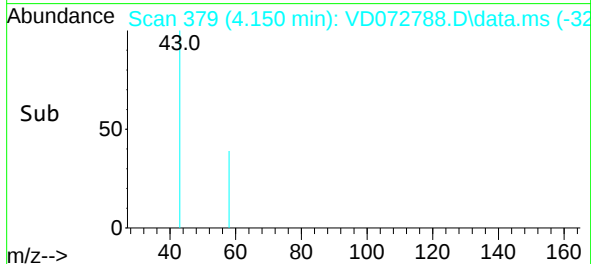
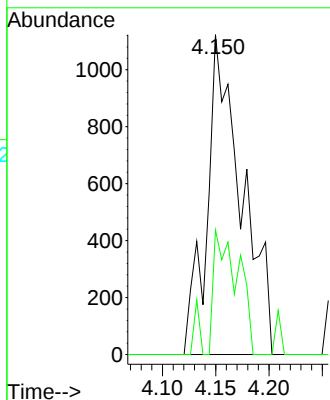
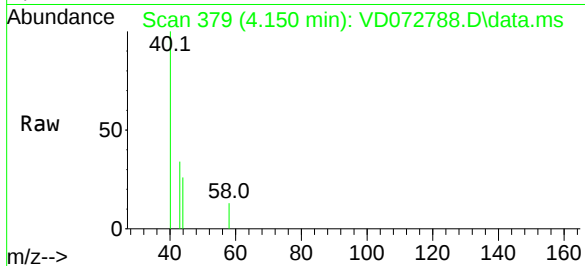




#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072788.D
Acq: 04 May 2022 14:58

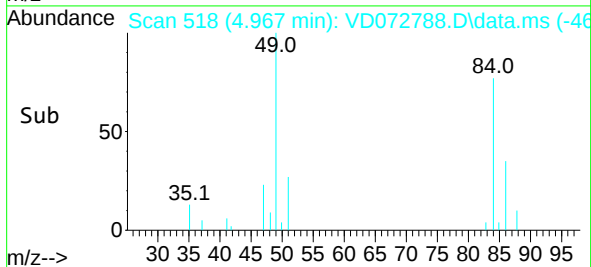
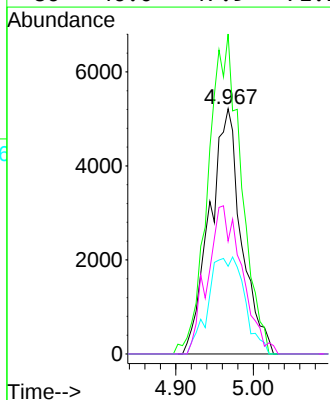
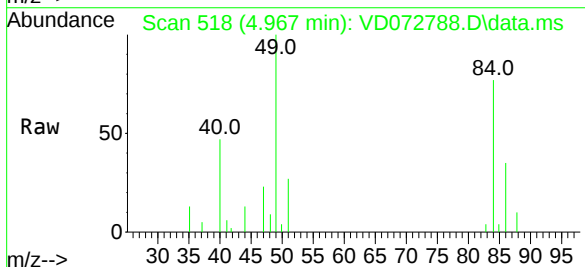
Instrument :
MSVOA_D
ClientSampleId :
SB-7,12

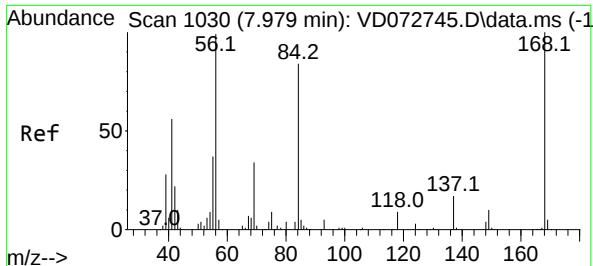
Tgt Ion: 43 Resp: 2545
Ion Ratio Lower Upper
43 100
58 38.9 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072788.D
Acq: 04 May 2022 14:58

Tgt Ion: 84 Resp: 14893
Ion Ratio Lower Upper
84 100
49 130.4 112.8 169.2
51 35.7 32.6 48.8
86 46.0 47.9 71.9#





#31

Cyclohexane

Concen: 1.384 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072788.D

Acq: 04 May 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

SB-7,12

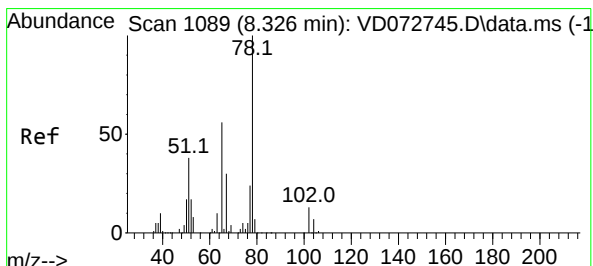
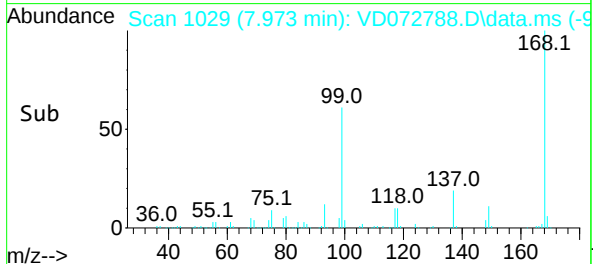
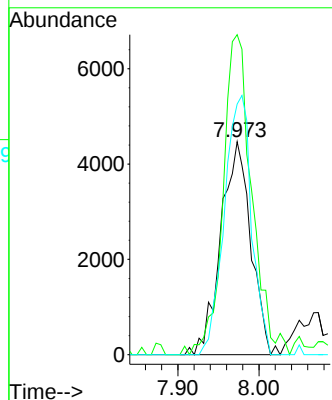
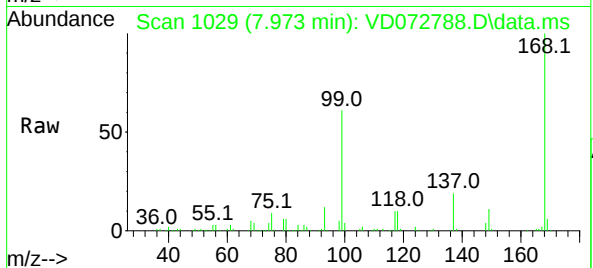
Tgt Ion: 56 Resp: 11474

Ion Ratio Lower Upper

56 100

69 150.2 25.4 38.2#

84 117.6 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 50.367 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072788.D

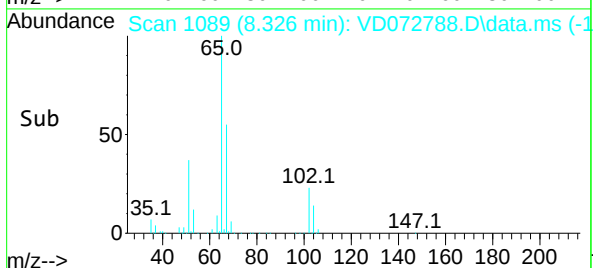
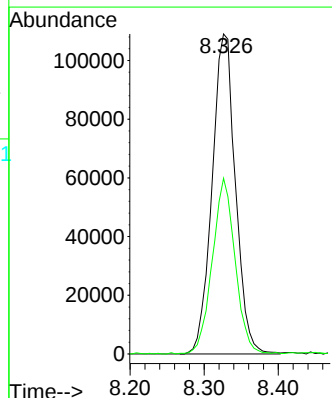
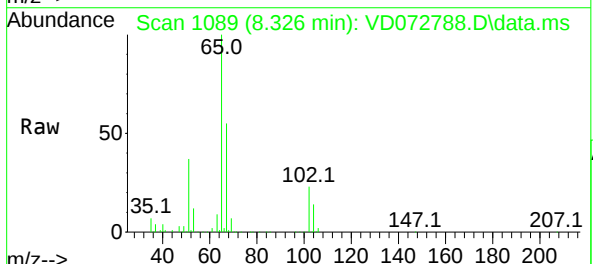
Acq: 04 May 2022 14:58

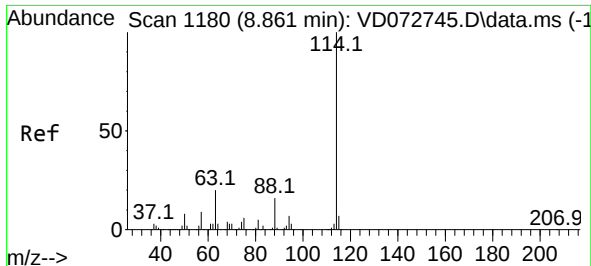
Tgt Ion: 65 Resp: 238807

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.4

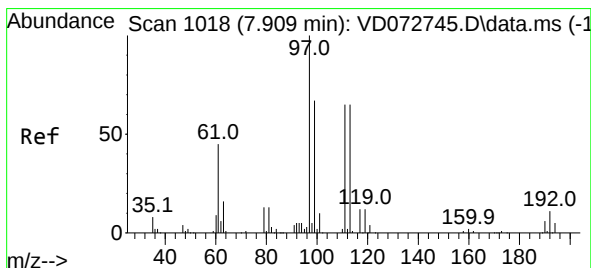
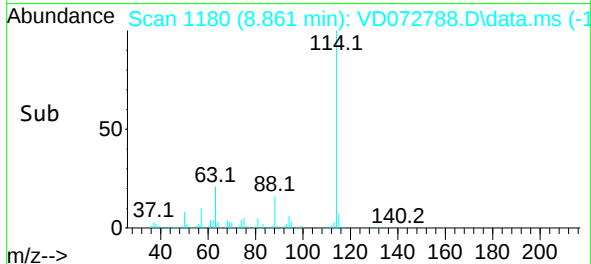
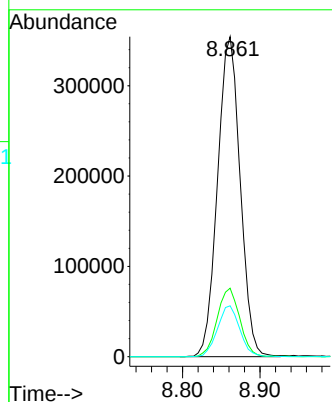
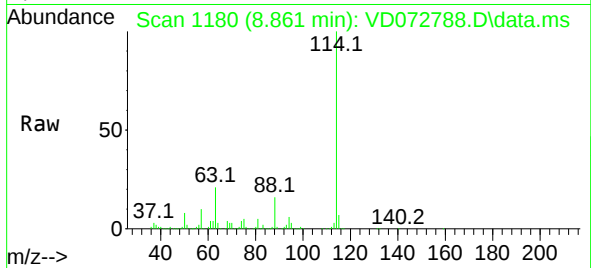




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072788.D
Acq: 04 May 2022 14:58

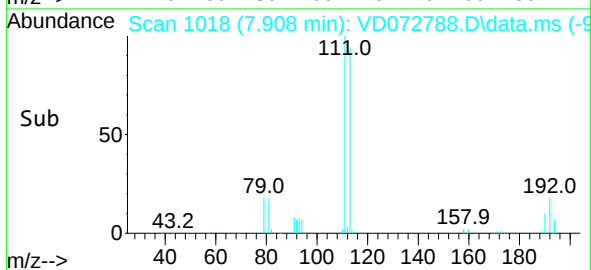
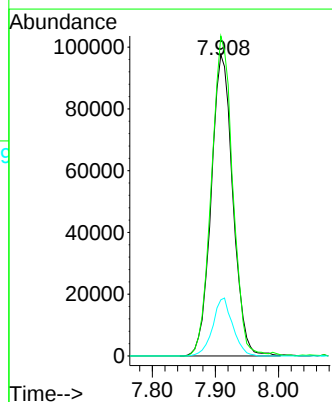
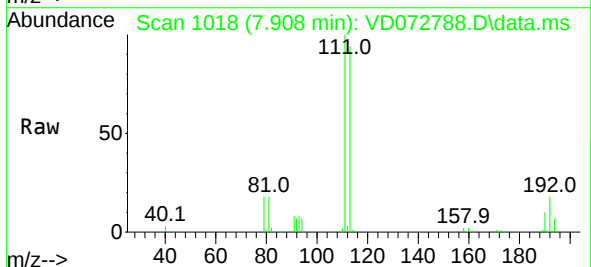
Instrument :
MSVOA_D
ClientSampleId :
SB-7,12

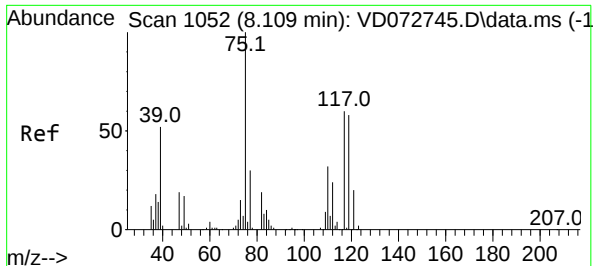
Tgt Ion:114 Resp: 720130
Ion Ratio Lower Upper
114 100
63 21.4 0.0 46.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.911 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072788.D
Acq: 04 May 2022 14:58

Tgt Ion:113 Resp: 232196
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 17.7 14.6 21.8





#36

1,1-Dichloropropene

Concen: 3.884 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072788.D

Acq: 04 May 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

SB-7,12

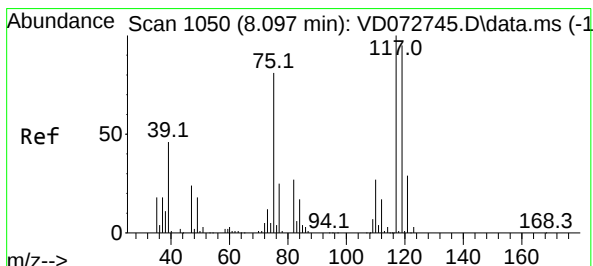
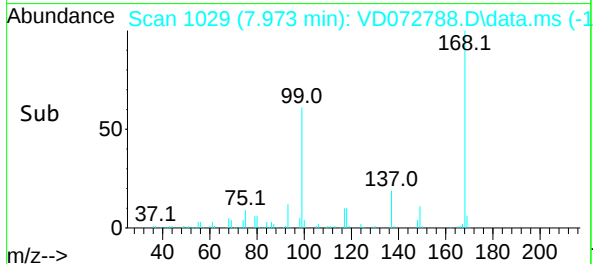
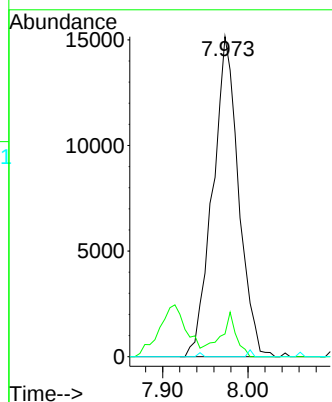
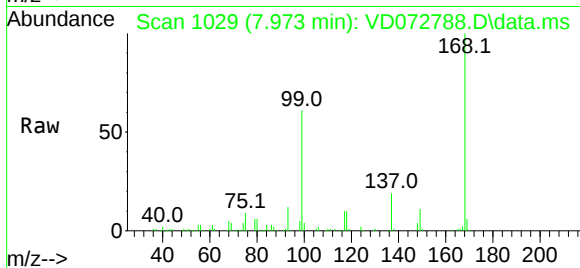
Tgt Ion: 75 Resp: 31945

Ion Ratio Lower Upper

75 100

110 8.3 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.586 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD072788.D

Acq: 04 May 2022 14:58

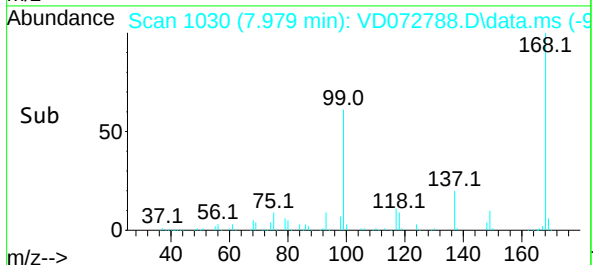
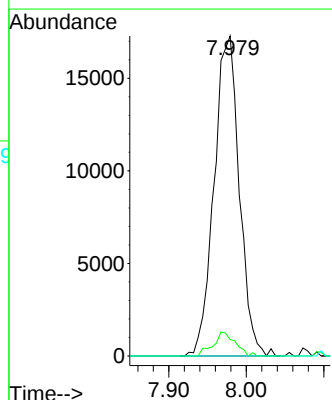
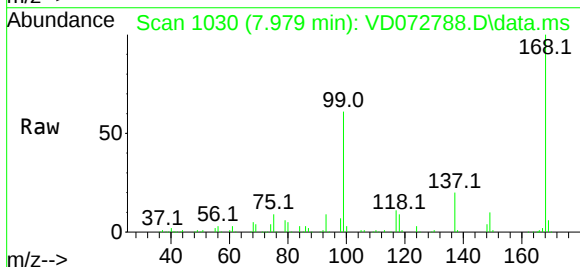
Tgt Ion: 117 Resp: 39152

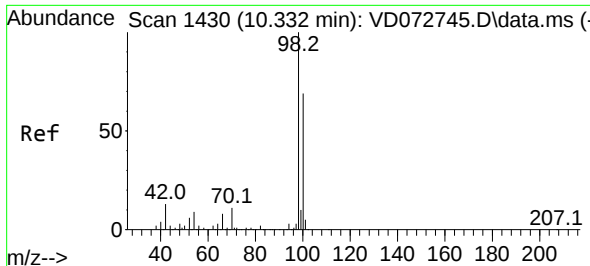
Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

121 0.0 24.5 36.7#

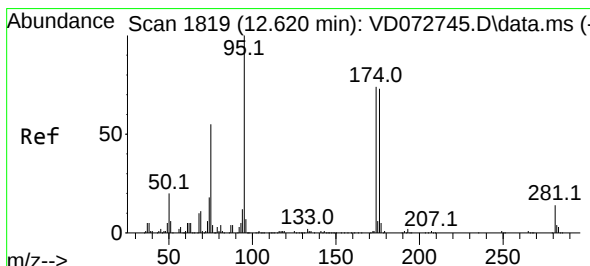
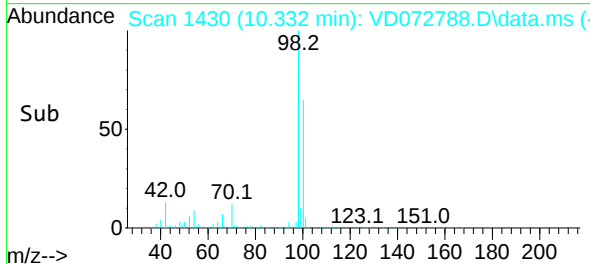
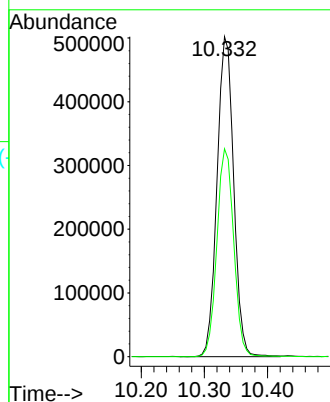
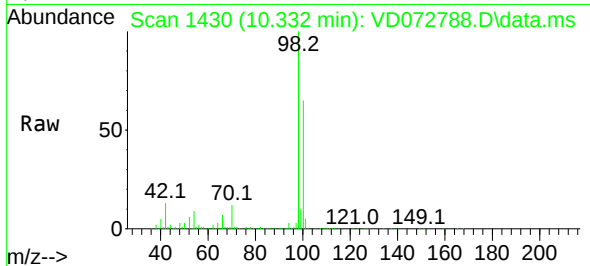




#50
Toluene-d8
Concen: 50.601 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072788.D
Acq: 04 May 2022 14:58

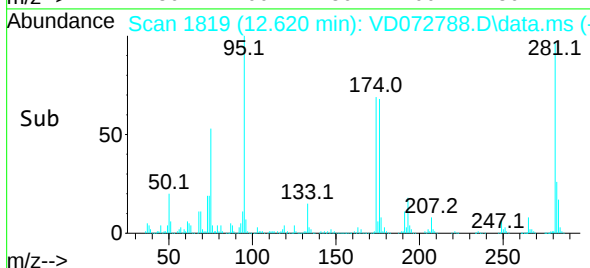
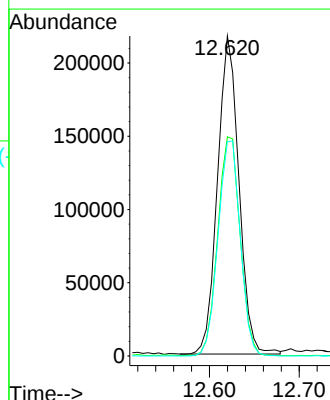
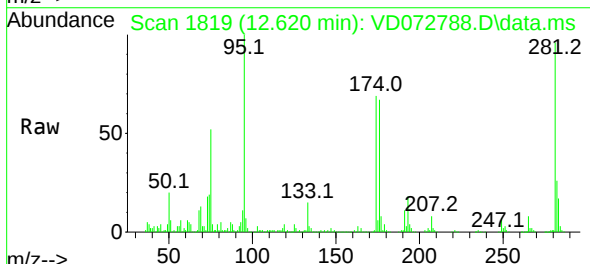
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MSVOA_D
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SB-7,12

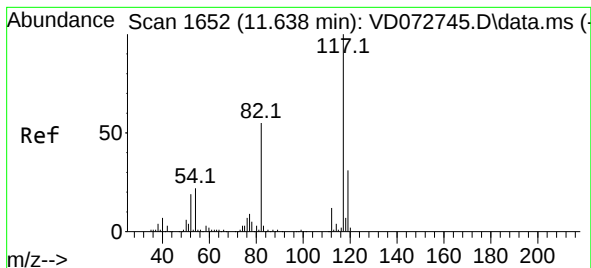
Tgt Ion: 98 Resp: 918006
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.122 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072788.D
Acq: 04 May 2022 14:58

Tgt Ion: 95 Resp: 359348
Ion Ratio Lower Upper
95 100
174 71.8 0.0 152.8
176 70.2 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: VD072788.D

Acq: 04 May 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

SB-7,12

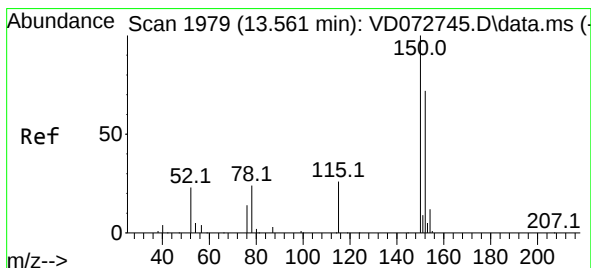
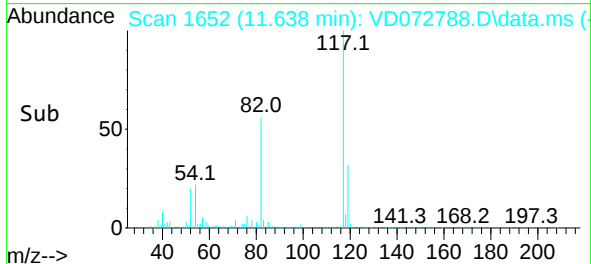
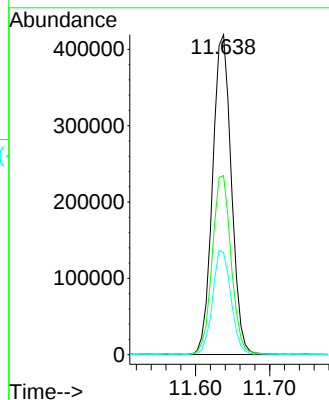
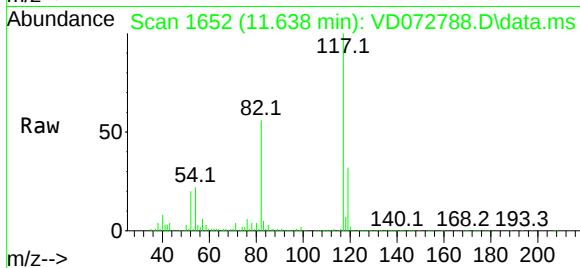
Tgt Ion:117 Resp: 736262

Ion Ratio Lower Upper

117 100

82 55.8 45.3 67.9

119 31.8 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: VD072788.D

Acq: 04 May 2022 14:58

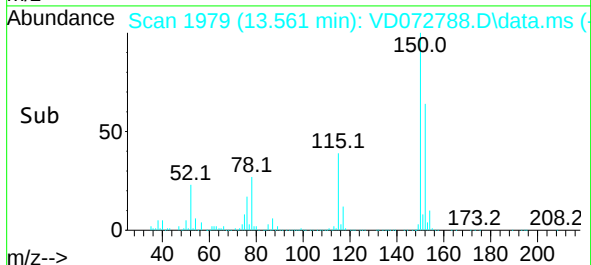
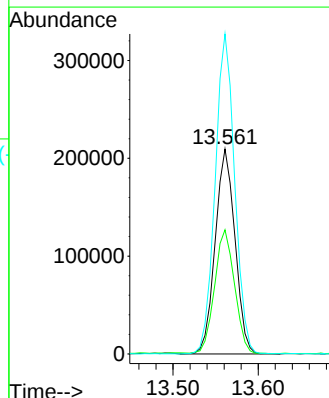
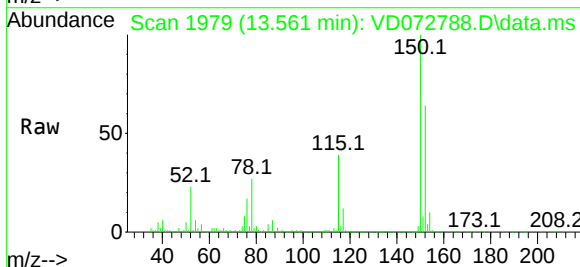
Tgt Ion:152 Resp: 338907

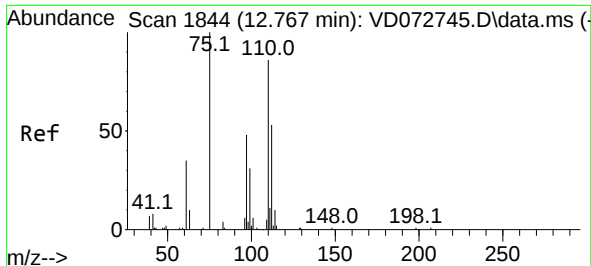
Ion Ratio Lower Upper

152 100

115 60.8 31.3 93.8

150 154.3 0.0 348.6

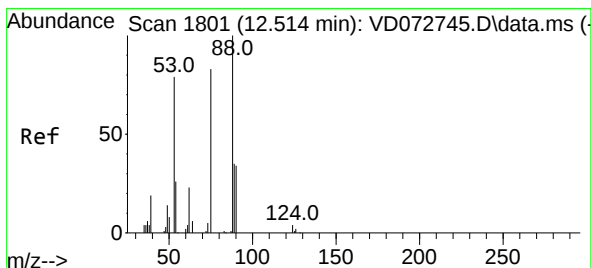
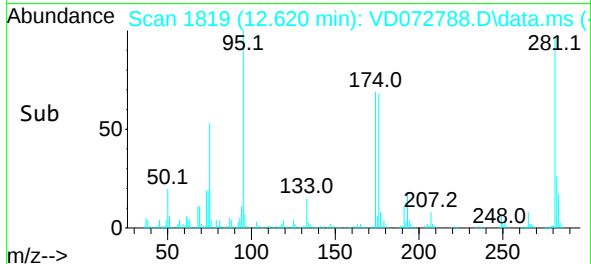
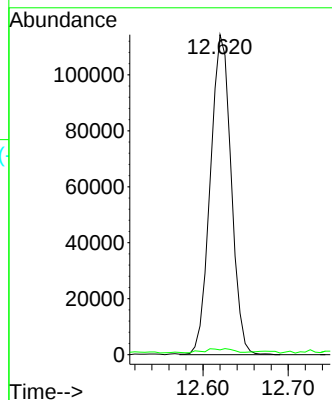
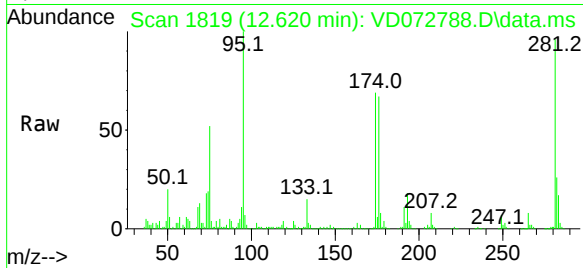




#76
1,2,3-Trichloropropane
Concen: 51.314 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072788.D
Acq: 04 May 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
SB-7,12

Tgt Ion: 75 Resp: 193918
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.002 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072788.D
Acq: 04 May 2022 14:58

Tgt Ion: 75 Resp: 193918
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 1.8 33.9 50.9#

