

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072791.D
 Acq On : 04 May 2022 16:24
 Operator : VA/SY
 Sample : N2677-07
 Misc : 6.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3,8

Quant Time: May 05 01:38:02 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)

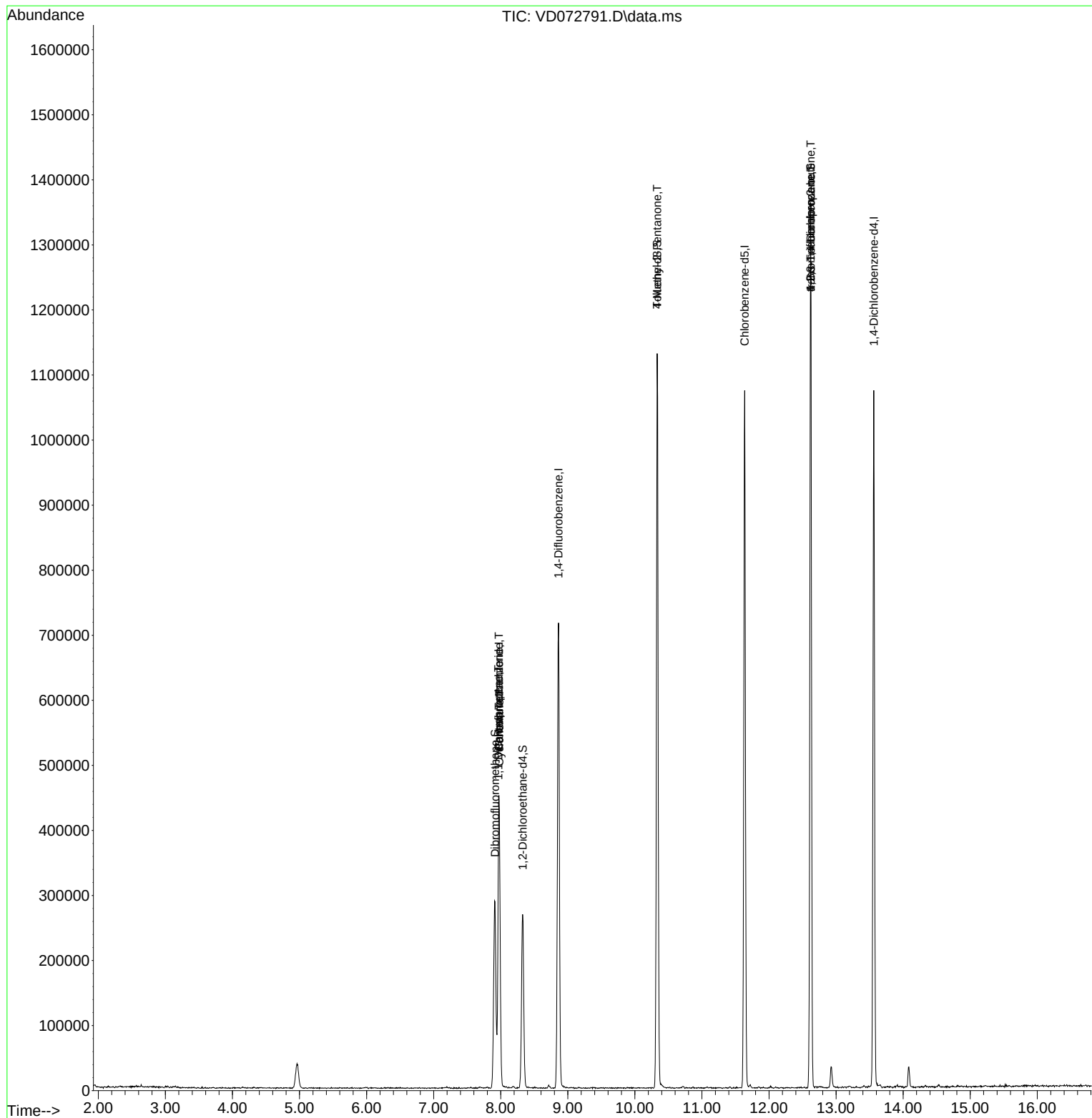
Internal Standards						
1) Pentafluorobenzene	7.973	168	319775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	609153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	594419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	215905	52.014	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.020%			
35) Dibromofluoromethane	7.914	113	205874	48.122	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.240%			
50) Toluene-d8	10.332	98	741725	48.333	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.660%			
62) 4-Bromofluorobenzene	12.620	95	286429	50.056	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.120%			
Target Compounds						
5) Bromomethane	2.779	94	894	Below Cal	#	72
16) Acetone	4.162	43	1912	Below Cal		92
18) Methyl Acetate	4.515	43	84	Below Cal	#	55
20) Methylene Chloride	4.956	84	29707	Below Cal		87
31) Cyclohexane	7.979	56	8288	1.142	ug/l #	46
36) 1,1-Dichloropropene	7.967	75	27178	3.907	ug/l #	51
38) Carbon Tetrachloride	7.973	117	34054	4.716	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	3920	1.278	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	152868	50.784	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	152868	116.782	ug/l #	8

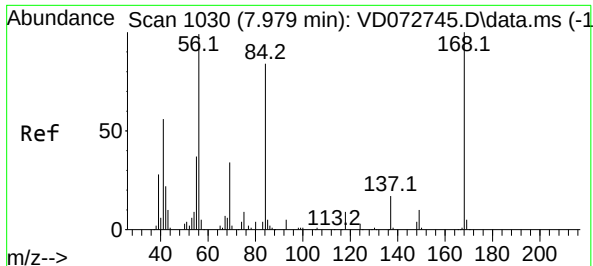
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
Data File : VD072791.D
Acq On : 04 May 2022 16:24
Operator : VA/SY
Sample : N2677-07
Misc : 6.35G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-3,8

Quant Time: May 05 01:38:02 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

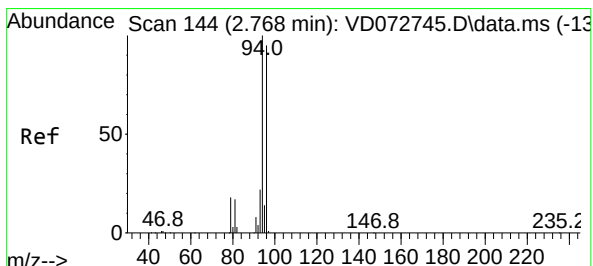
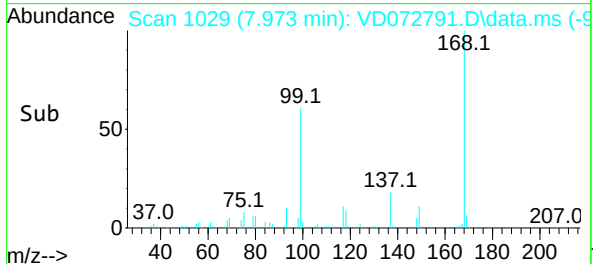
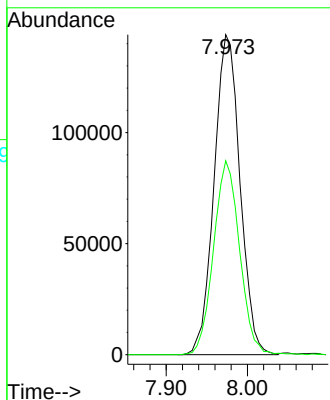
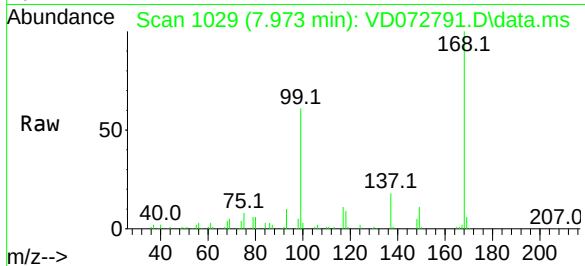




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

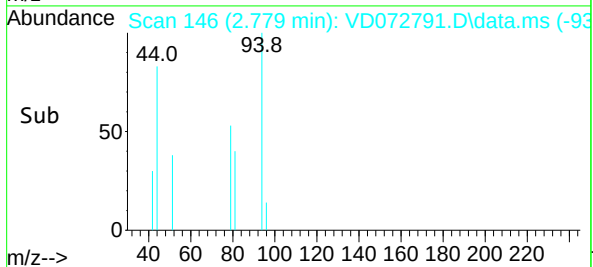
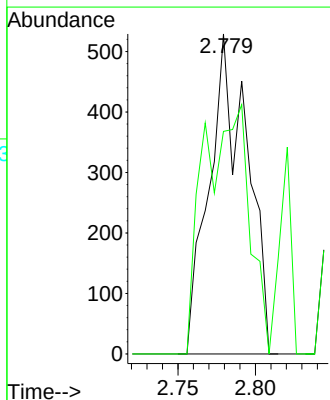
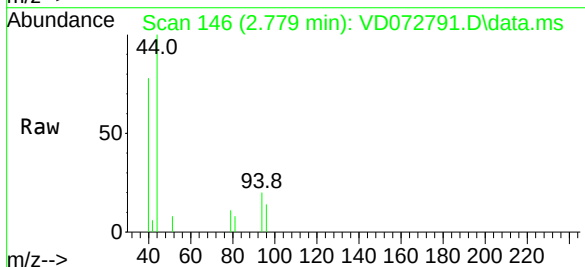
Instrument :
MSVOA_D
ClientSampleId :
SB-3,8

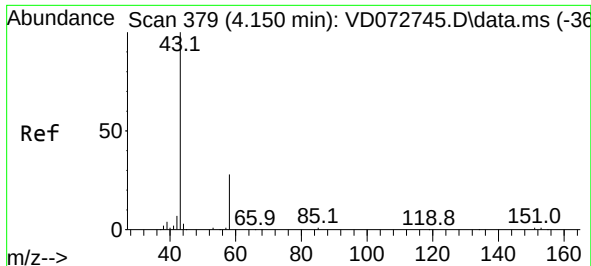
Tgt Ion:168 Resp: 319775
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

Tgt Ion: 94 Resp: 894
Ion Ratio Lower Upper
94 100
96 69.6 77.6 116.4#

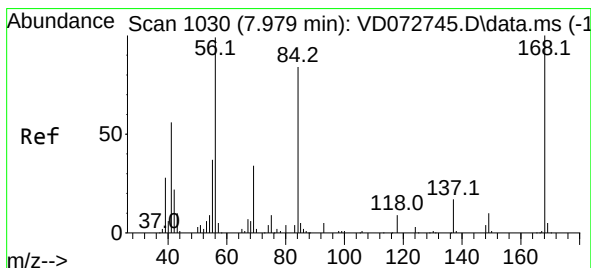
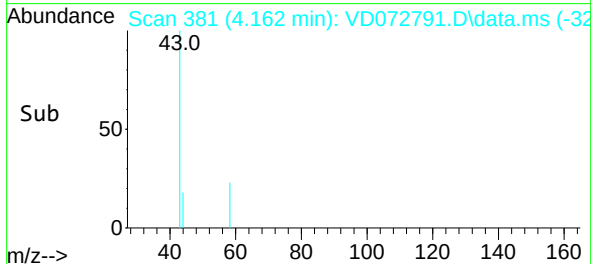
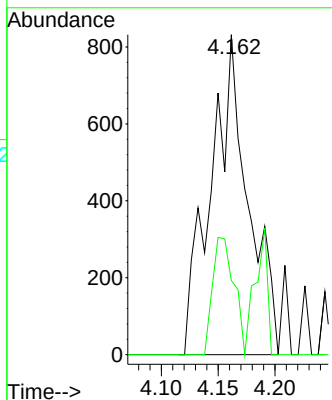
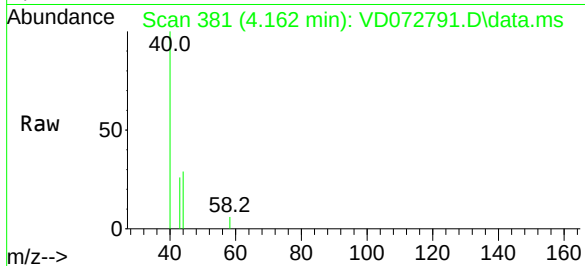




#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

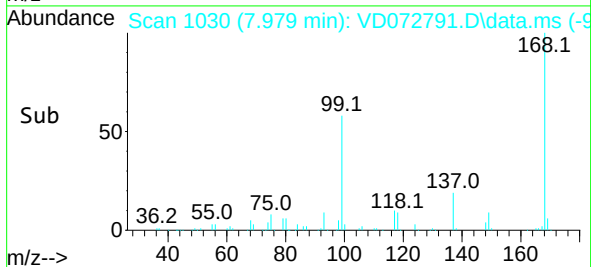
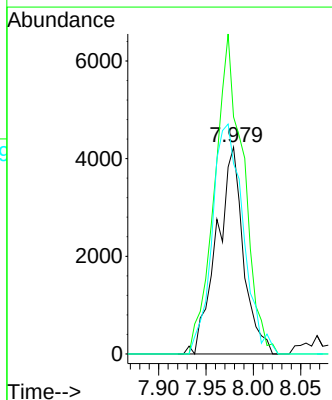
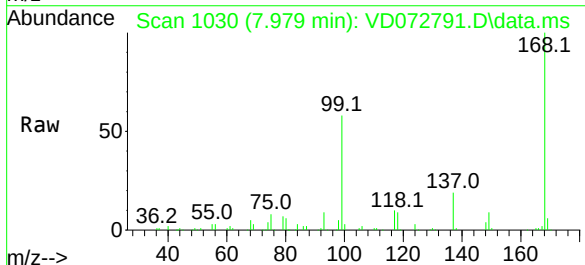
Instrument :
MSVOA_D
ClientSampleId :
SB-3,8

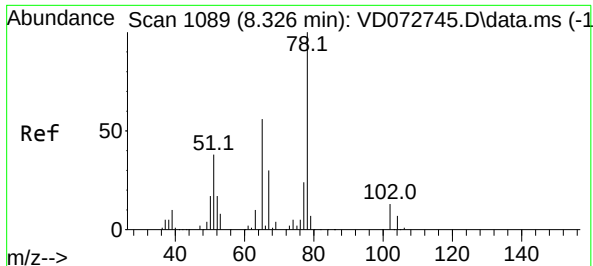
Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
58 23.2 22.1 33.1



#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

Tgt Ion: 56 Resp: 8288
Ion Ratio Lower Upper
56 100
69 114.6 25.4 38.2#
84 92.1 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 52.014 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD072791.D

Acq: 04 May 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

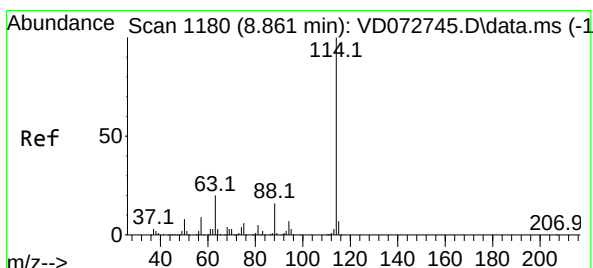
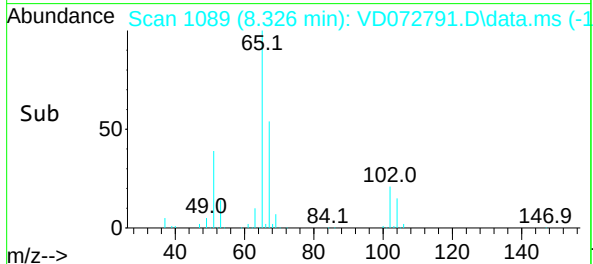
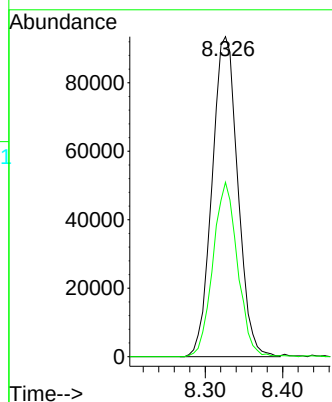
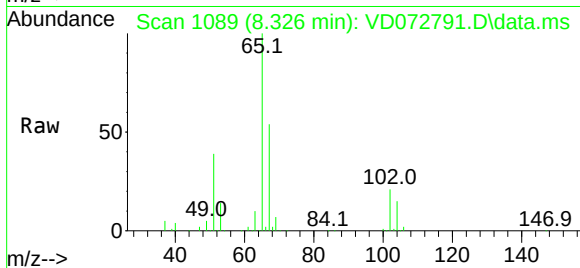
SB-3,8

Tgt Ion: 65 Resp: 215905

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: VD072791.D

Acq: 04 May 2022 16:24

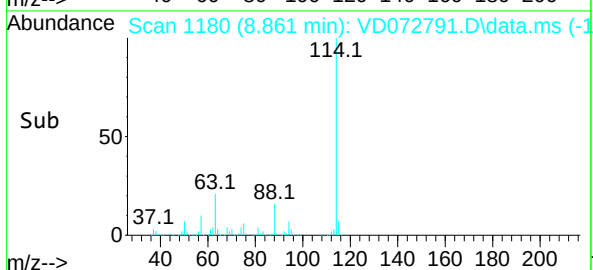
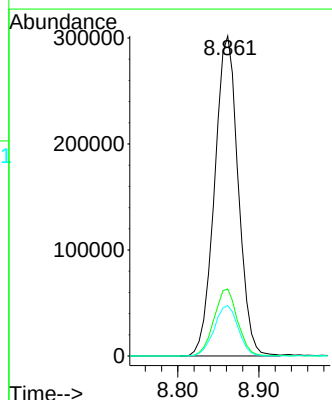
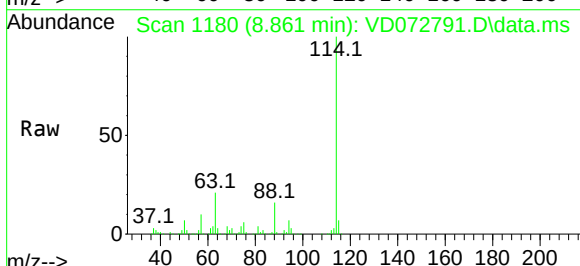
Tgt Ion: 114 Resp: 609153

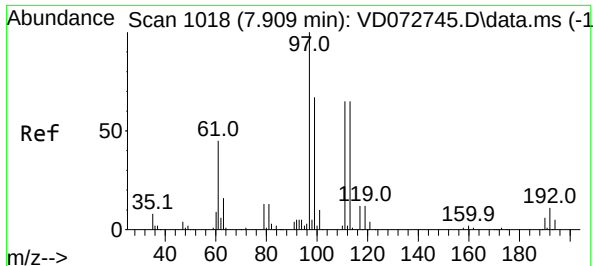
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.122 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD072791.D

Acq: 04 May 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

SB-3,8

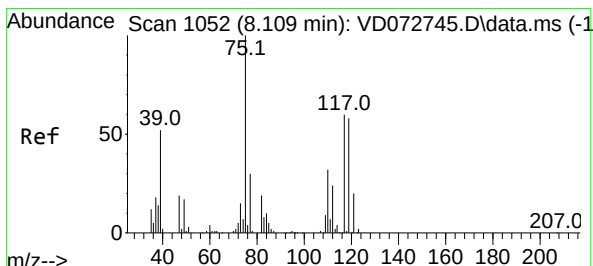
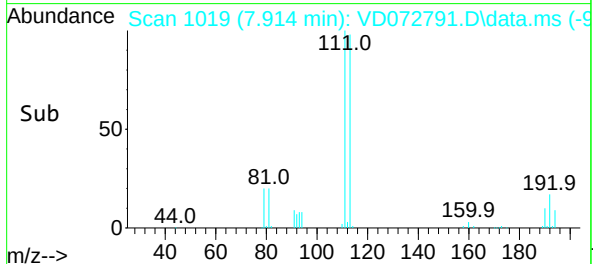
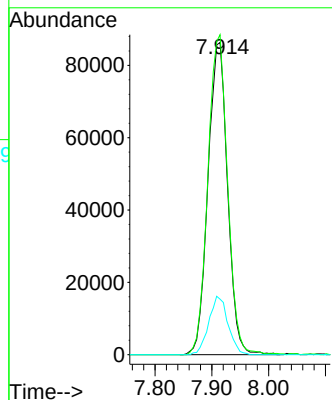
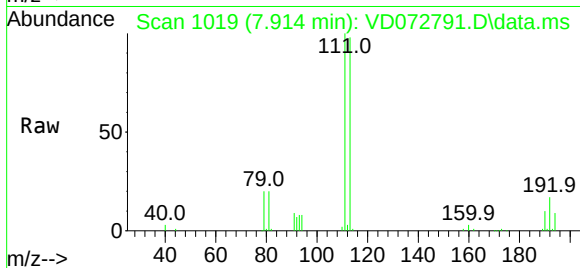
Tgt Ion:113 Resp: 205874

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 3.907 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.142 min

Lab File: VD072791.D

Acq: 04 May 2022 16:24

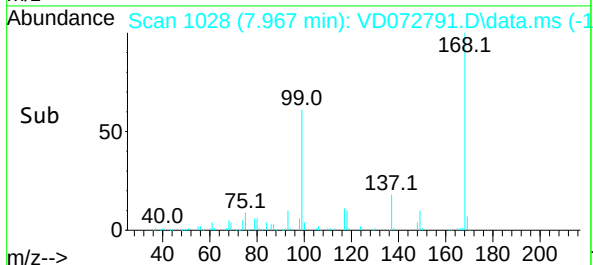
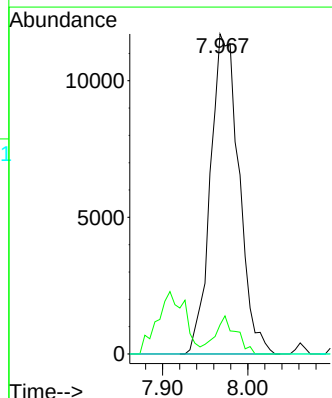
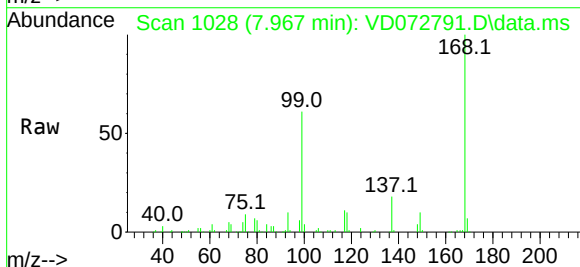
Tgt Ion: 75 Resp: 27178

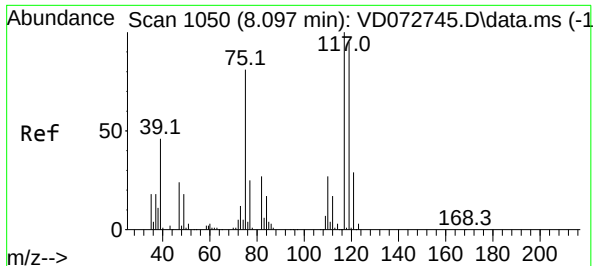
Ion Ratio Lower Upper

75 100

110 8.9 16.4 49.1#

77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 4.716 ug/l

RT: 7.973 min Scan# 1050

Delta R.T. -0.124 min

Lab File: VD072791.D

Acq: 04 May 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

SB-3,8

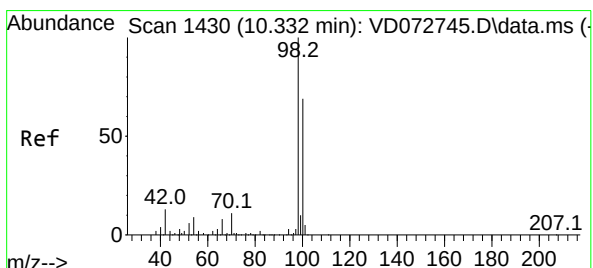
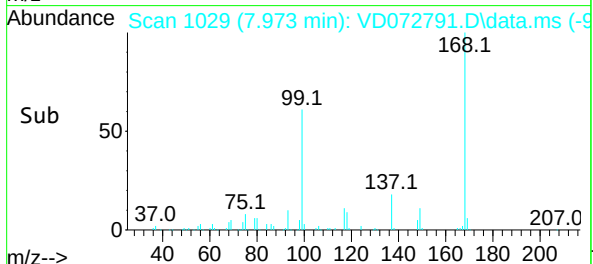
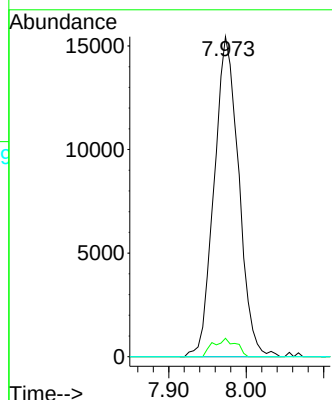
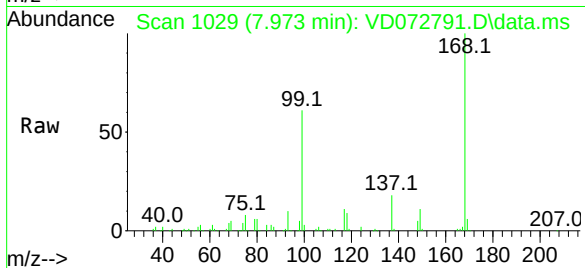
Tgt Ion:117 Resp: 34054

Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.6#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 48.333 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072791.D

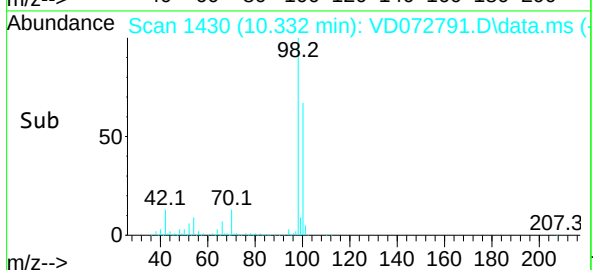
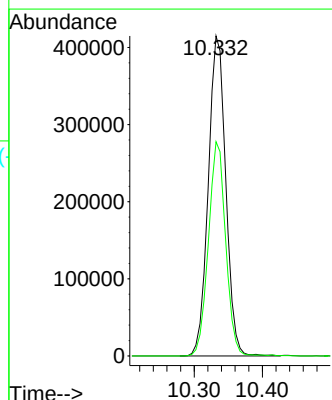
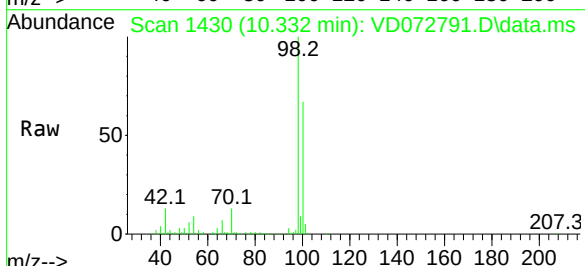
Acq: 04 May 2022 16:24

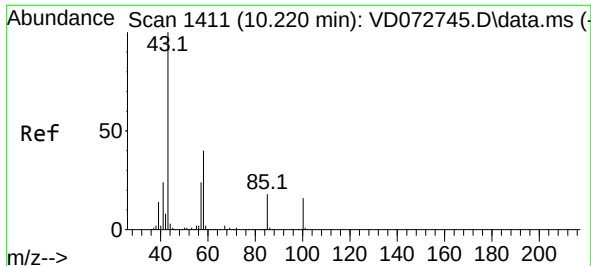
Tgt Ion: 98 Resp: 741725

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 1.278 ug/l

RT: 10.332 min Scan# 1411

Delta R.T. 0.112 min

Lab File: VD072791.D

Acq: 04 May 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

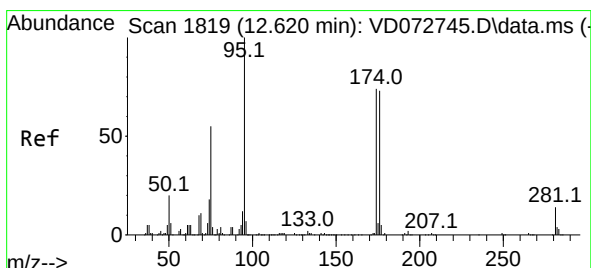
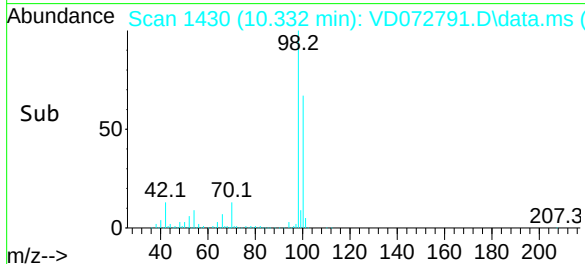
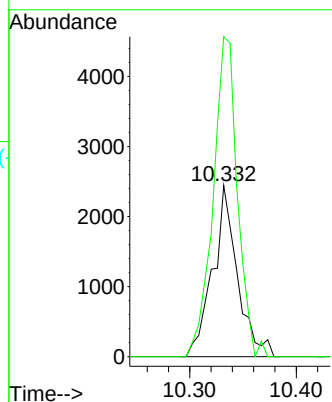
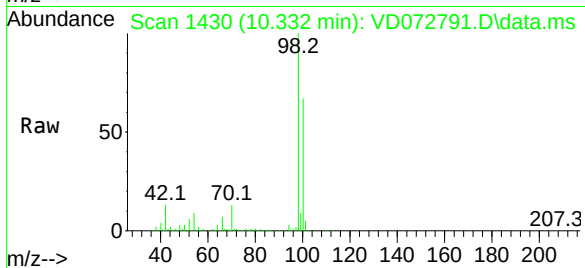
SB-3,8

Tgt Ion: 43 Resp: 3920

Ion Ratio Lower Upper

43 100

58 184.8 28.6 43.0#



#62

4-Bromofluorobenzene

Concen: 50.056 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD072791.D

Acq: 04 May 2022 16:24

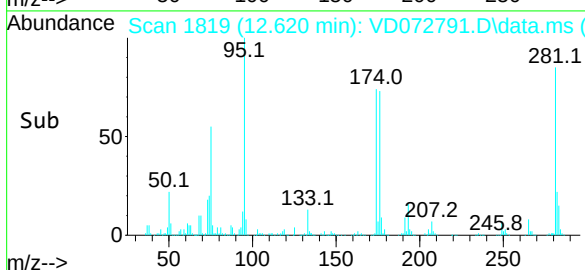
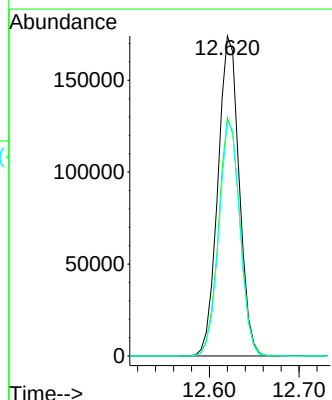
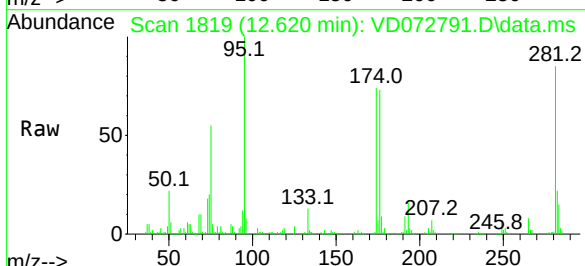
Tgt Ion: 95 Resp: 286429

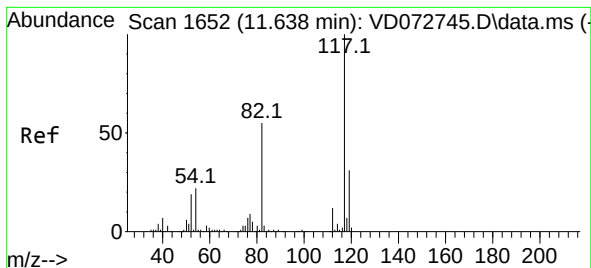
Ion Ratio Lower Upper

95 100

174 74.5 0.0 152.8

176 72.7 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: VD072791.D

Acq: 04 May 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

SB-3,8

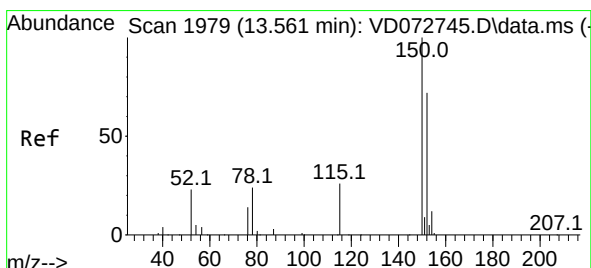
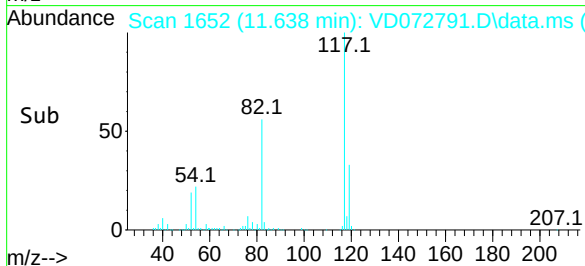
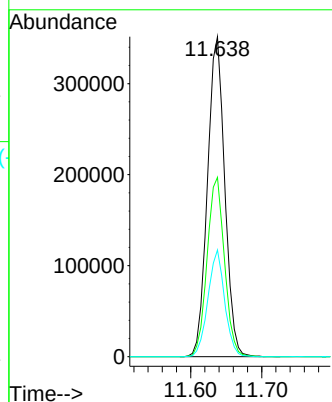
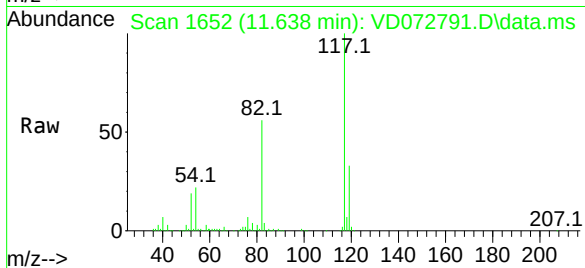
Tgt Ion:117 Resp: 594419

Ion Ratio Lower Upper

117 100

82 56.1 45.3 67.9

119 33.4 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: VD072791.D

Acq: 04 May 2022 16:24

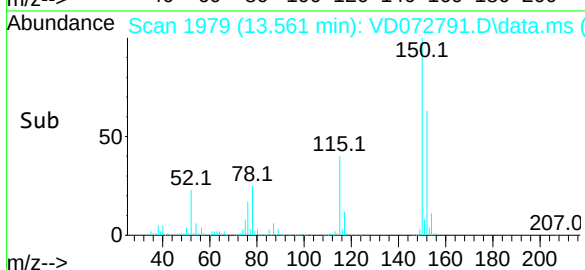
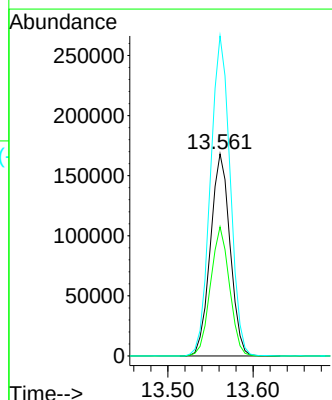
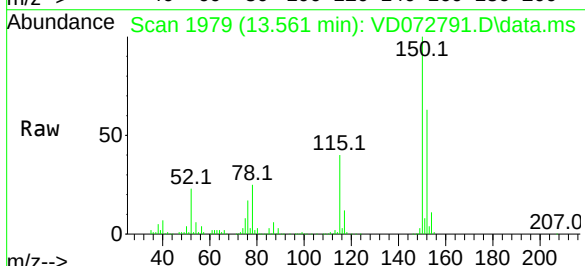
Tgt Ion:152 Resp: 269955

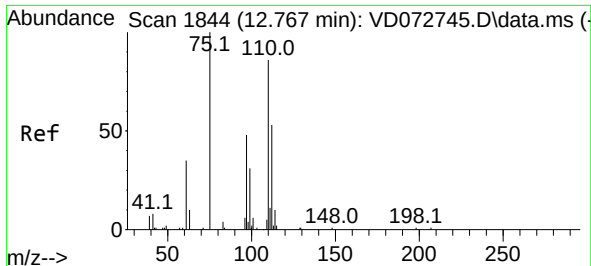
Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.8

150 159.0 0.0 348.6

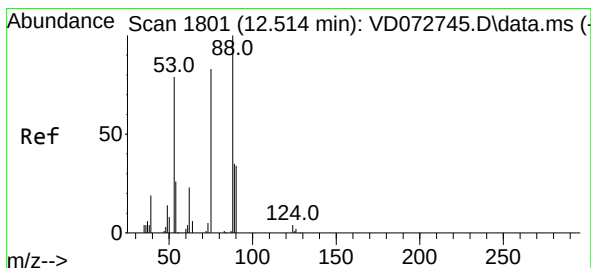
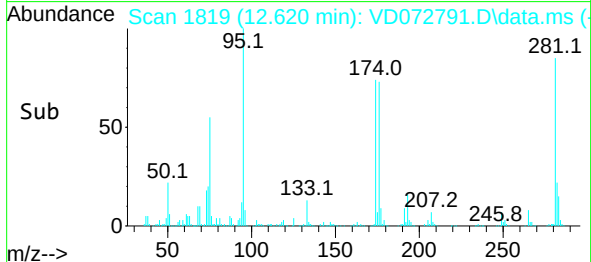
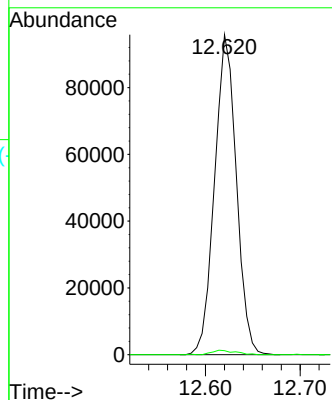
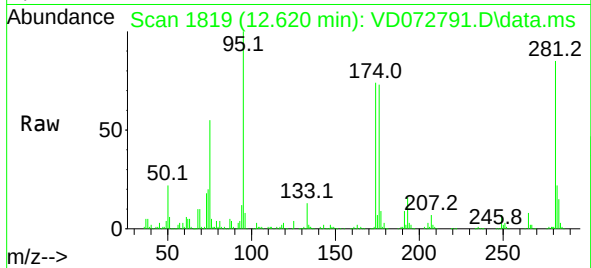




#76
1,2,3-Trichloropropane
Concen: 50.784 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

Instrument :
MSVOA_D
ClientSampleId :
SB-3,8

Tgt Ion: 75 Resp: 152868
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.782 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072791.D
Acq: 04 May 2022 16:24

Tgt Ion: 75 Resp: 152868
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.6 33.9 50.9#

