

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072831.D
 Acq On : 06 May 2022 02:43
 Operator : VA/SY
 Sample : N2680-04
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B2-5-7

Quant Time: May 06 03:55:30 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)

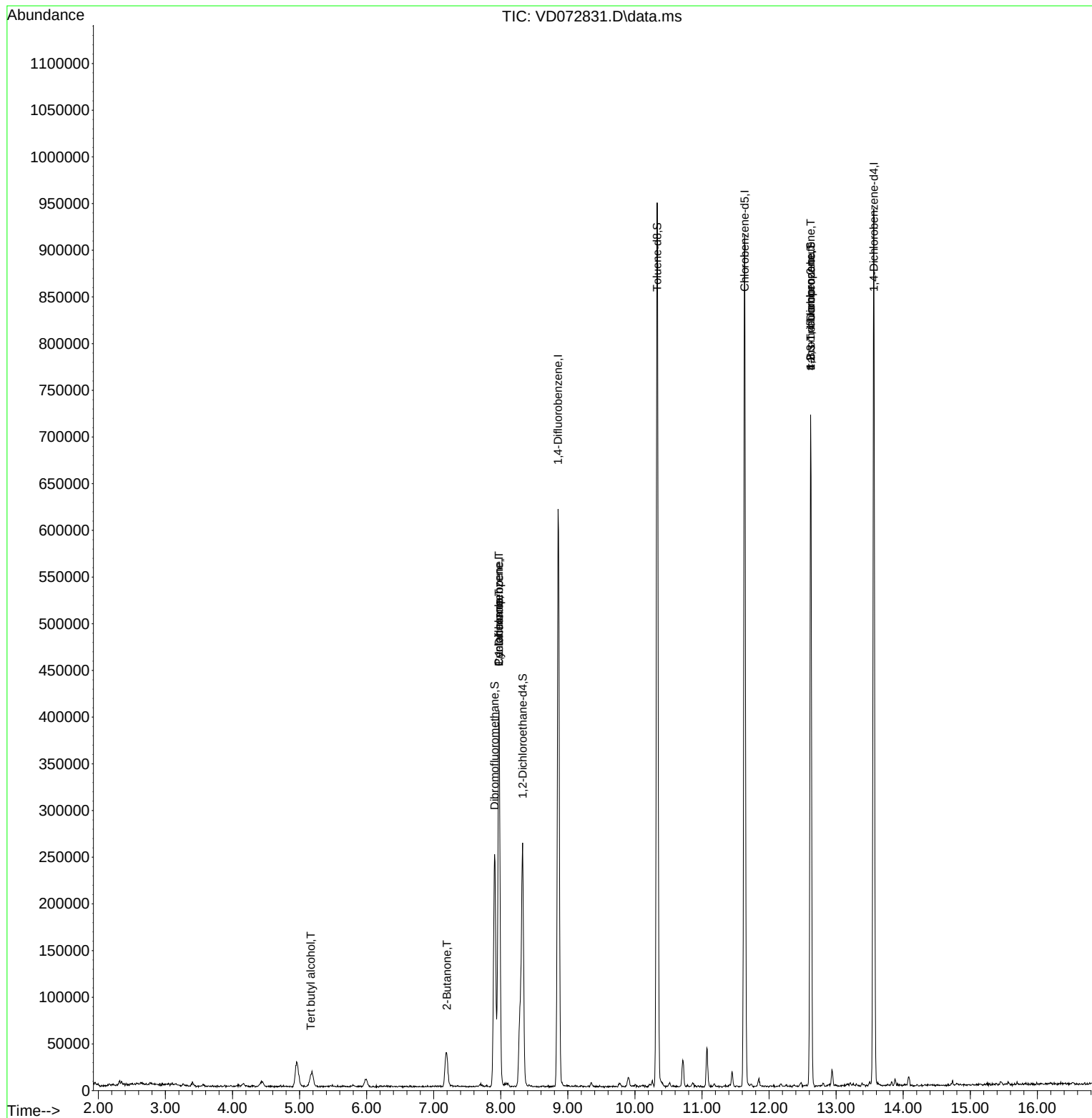
Internal Standards						
1) Pentafluorobenzene	7.973	168	280322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	514345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	510516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	196196	53.918	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.840%			
35) Dibromofluoromethane	7.908	113	178623	49.449	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.900%			
50) Toluene-d8	10.332	98	632351	48.801	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.600%			
62) 4-Bromofluorobenzene	12.620	95	231946	48.006	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.020%			
Target Compounds						
5) Bromomethane	2.779	94	1440	Below Cal		86
11) Tert butyl alcohol	5.167	59	7771	24.683 ug/l #		74
16) Acetone	4.156	43	6452	Below Cal #		75
18) Methyl Acetate	4.526	43	70	Below Cal #		55
20) Methylene Chloride	4.956	84	19363	Below Cal #		94
25) 2-Butanone	7.197	43	1559	1.470 ug/l #		78
31) Cyclohexane	7.973	56	8023	1.261 ug/l #		6
36) 1,1-Dichloropropene	7.973	75	25941	4.416 ug/l #		50
76) 1,2,3-Trichloropropane	12.620	75	124085	48.742 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	124085	112.087 ug/l #		7

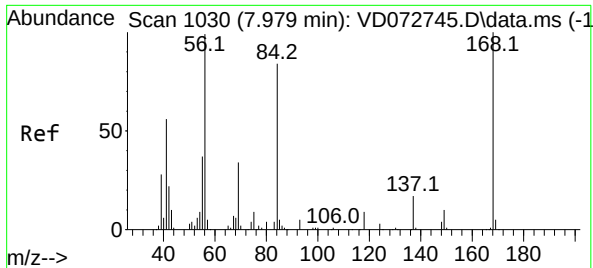
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
Data File : VD072831.D
Acq On : 06 May 2022 02:43
Operator : VA/SY
Sample : N2680-04
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B2-5-7

Quant Time: May 06 03:55:30 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

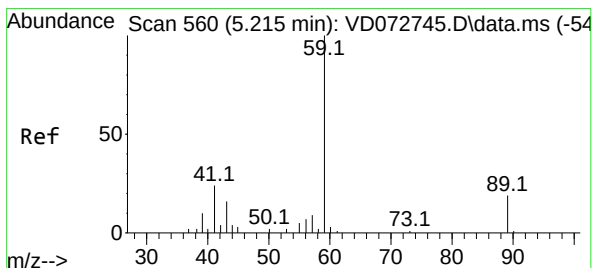
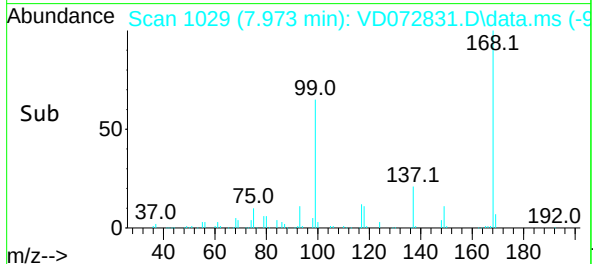
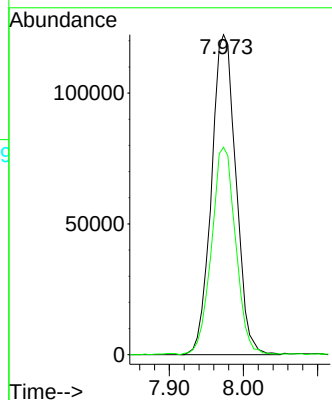
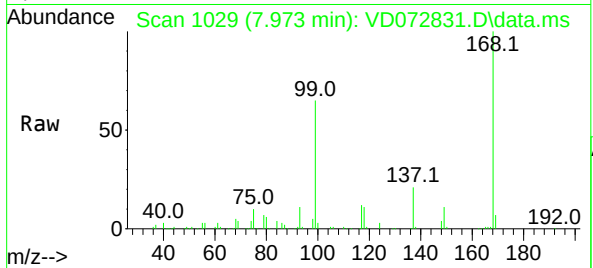




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072831.D
Acq: 06 May 2022 02:43

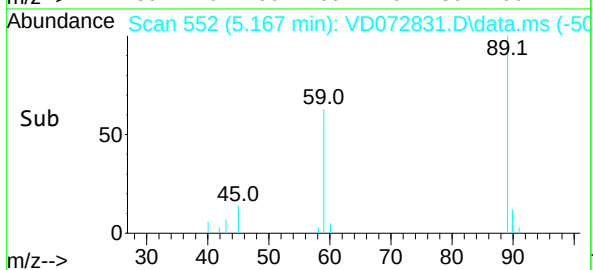
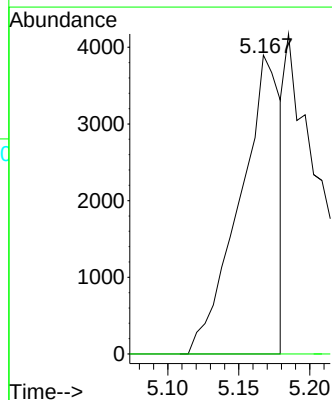
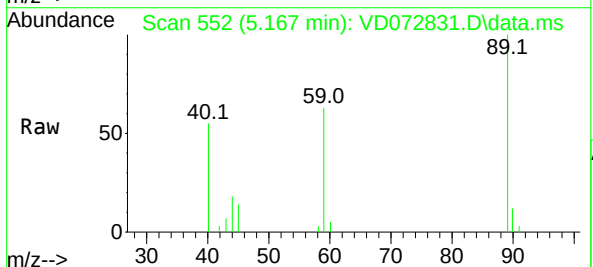
Instrument :
MSVOA_D
ClientSampleId :
B2-5-7

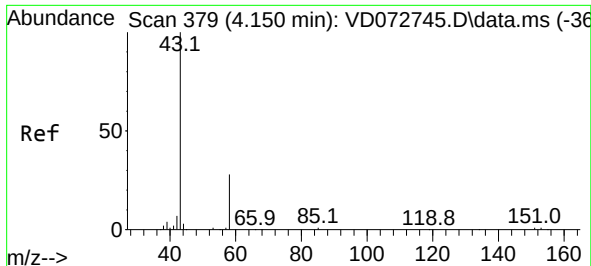
Tgt Ion:168 Resp: 280322
Ion Ratio Lower Upper
168 100
99 64.8 49.8 74.6



#11
Tert butyl alcohol
Concen: 24.683 ug/l
RT: 5.167 min Scan# 552
Delta R.T. -0.048 min
Lab File: VD072831.D
Acq: 06 May 2022 02:43

Tgt Ion: 59 Resp: 7771
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

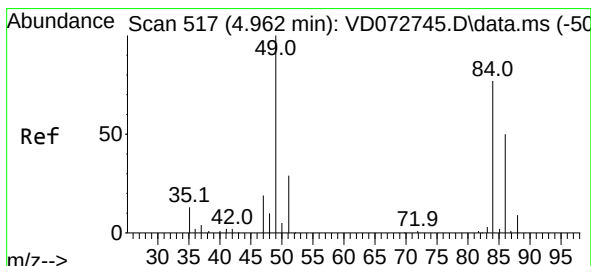
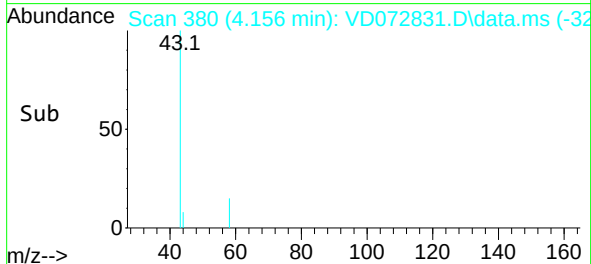
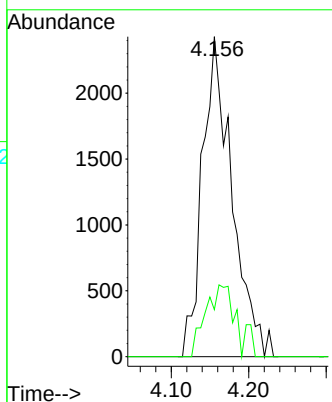
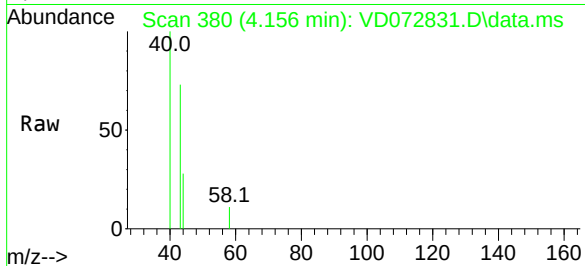




#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072831.D
Acq: 06 May 2022 02:43

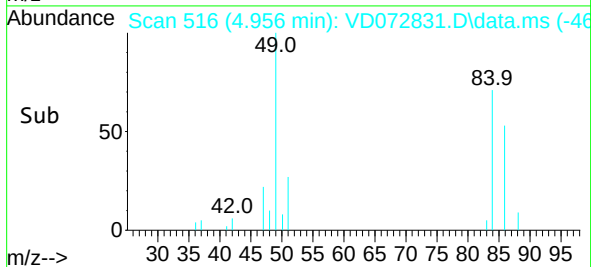
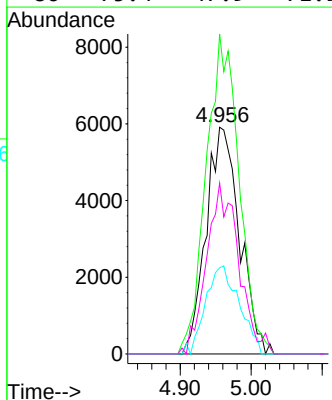
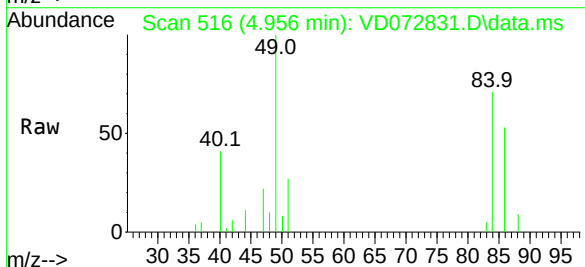
Instrument :
MSVOA_D
ClientSampleId :
B2-5-7

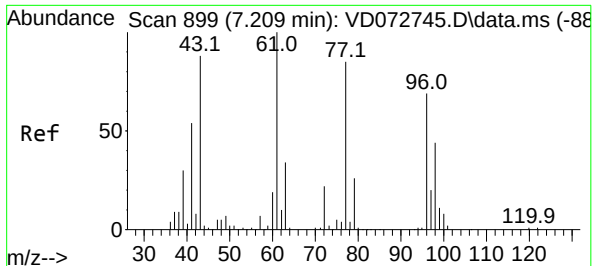
Tgt Ion: 43 Resp: 6452
Ion Ratio Lower Upper
43 100
58 14.7 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072831.D
Acq: 06 May 2022 02:43

Tgt Ion: 84 Resp: 19363
Ion Ratio Lower Upper
84 100
49 141.1 112.8 169.2
51 38.0 32.6 48.8
86 75.4 47.9 71.9#

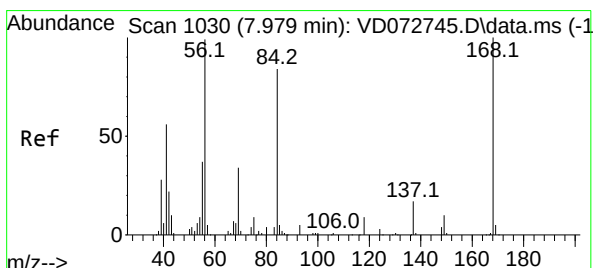
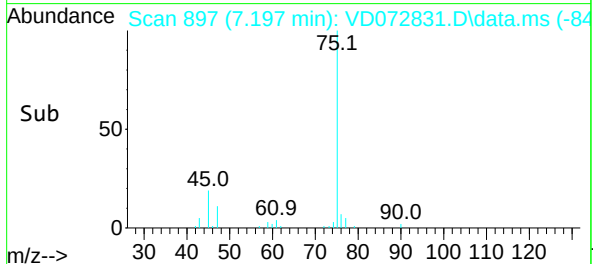
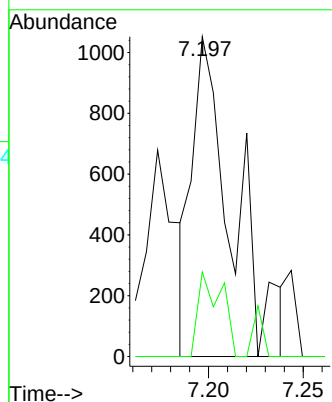
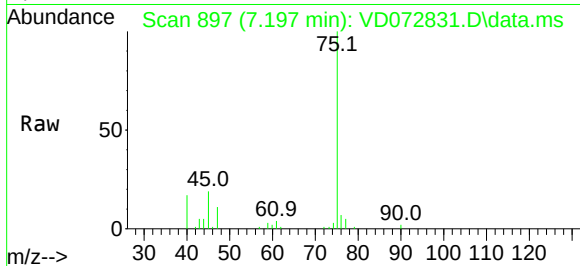




#25
2-Butanone
Concen: 1.470 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD072831.D
Acq: 06 May 2022 02:43

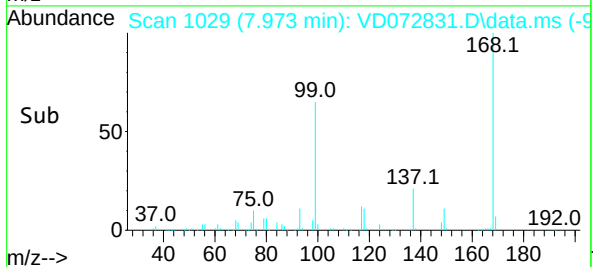
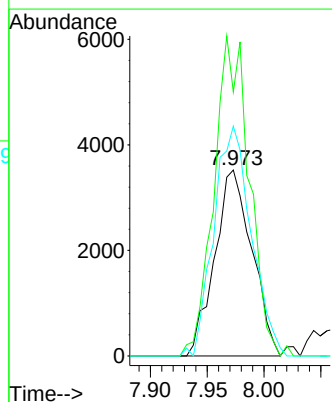
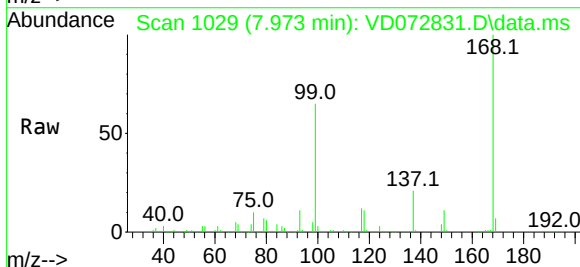
Instrument :
MSVOA_D
ClientSampleId :
B2-5-7

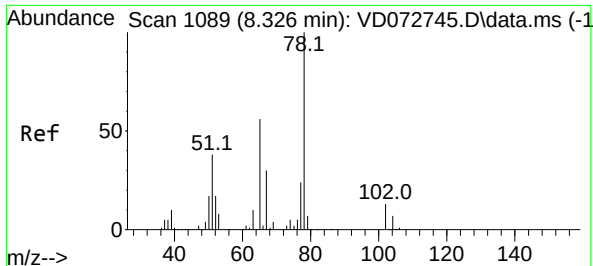
Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
72 33.7 18.6 27.8#



#31
Cyclohexane
Concen: 1.261 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072831.D
Acq: 06 May 2022 02:43

Tgt Ion: 56 Resp: 8023
Ion Ratio Lower Upper
56 100
69 142.0 25.4 38.2#
84 123.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 53.918 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072831.D

Acq: 06 May 2022 02:43

Instrument :

MSVOA_D

ClientSampleId :

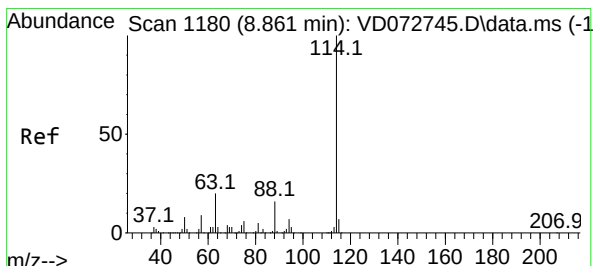
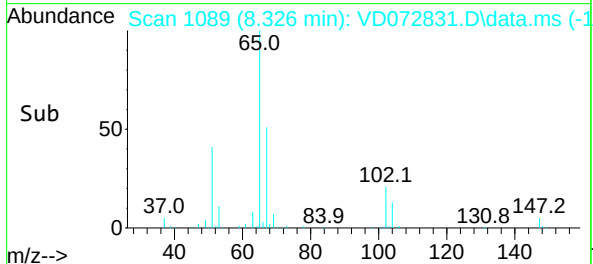
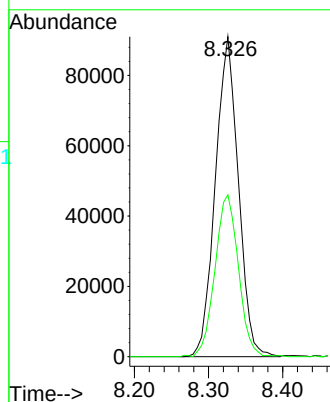
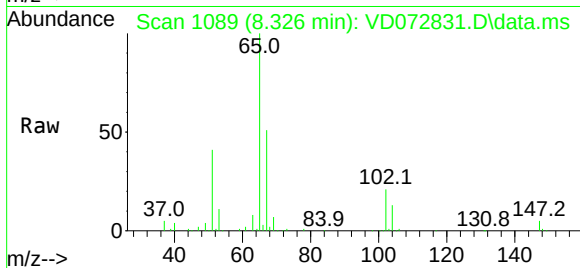
B2-5-7

Tgt Ion: 65 Resp: 196196

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072831.D

Acq: 06 May 2022 02:43

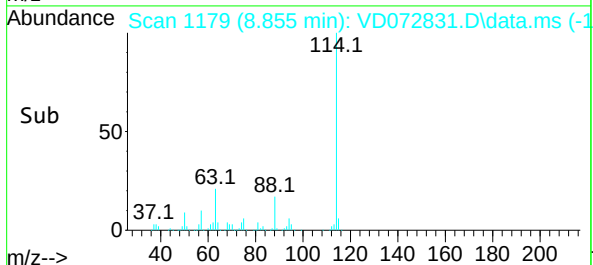
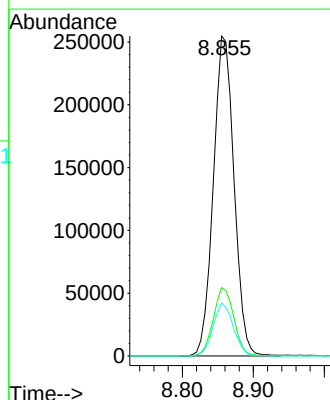
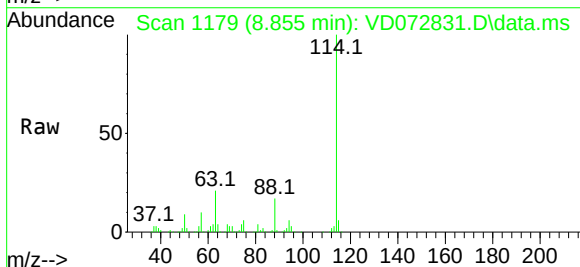
Tgt Ion: 114 Resp: 514345

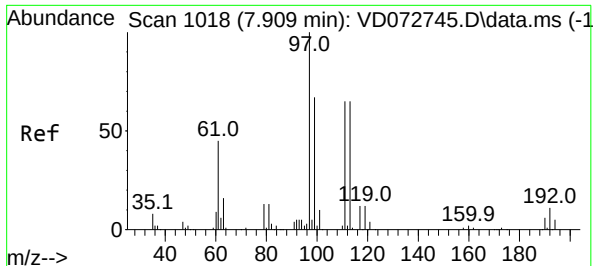
Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.449 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072831.D

Acq: 06 May 2022 02:43

Instrument :

MSVOA_D

ClientSampleId :

B2-5-7

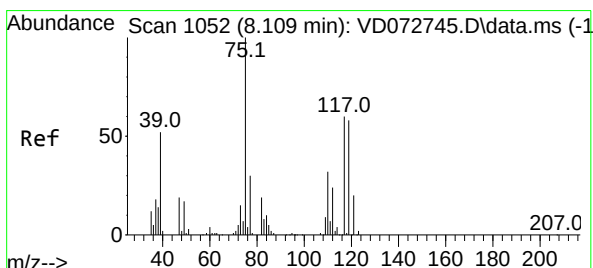
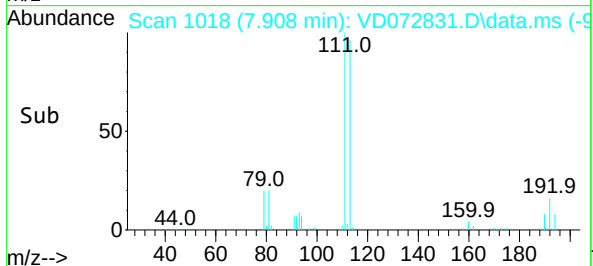
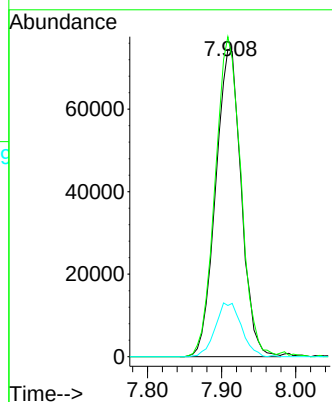
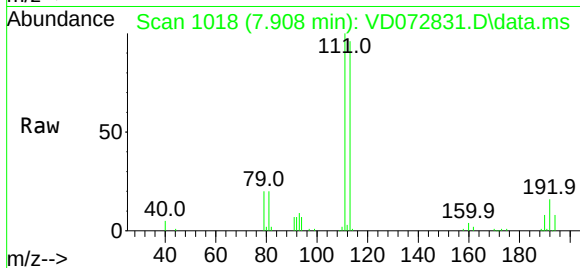
Tgt Ion:113 Resp: 178623

Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 17.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.416 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072831.D

Acq: 06 May 2022 02:43

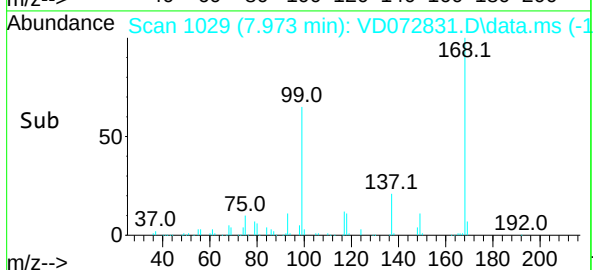
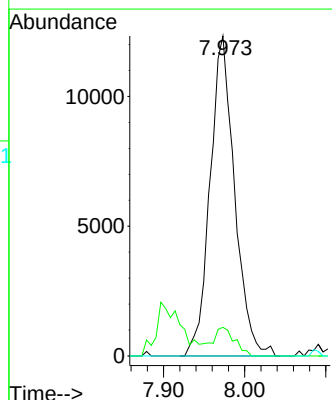
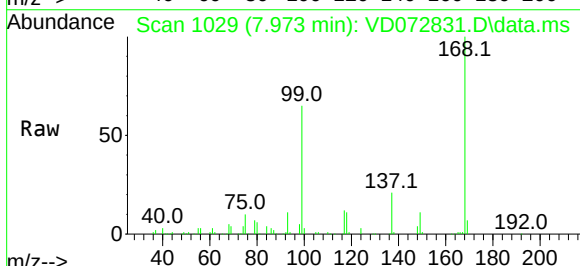
Tgt Ion: 75 Resp: 25941

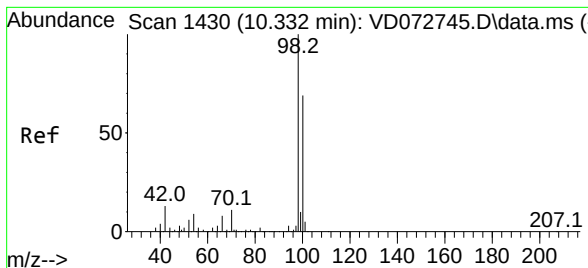
Ion Ratio Lower Upper

75 100

110 7.8 16.4 49.1#

77 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.801 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072831.D

Acq: 06 May 2022 02:43

Instrument :

MSVOA_D

ClientSampleId :

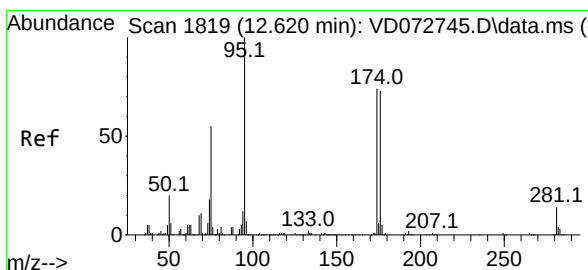
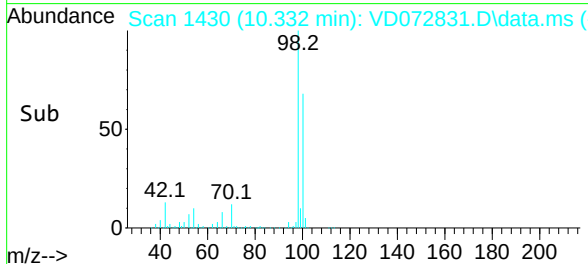
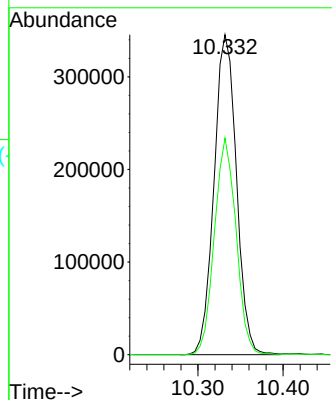
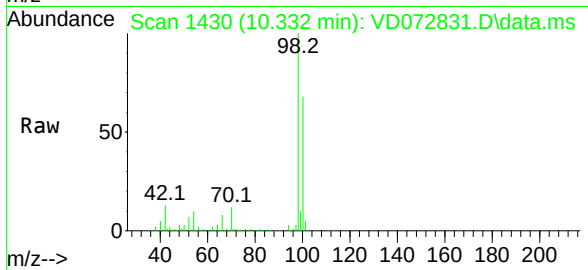
B2-5-7

Tgt Ion: 98 Resp: 632351

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.006 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD072831.D

Acq: 06 May 2022 02:43

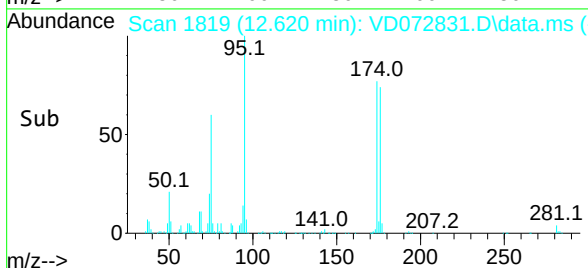
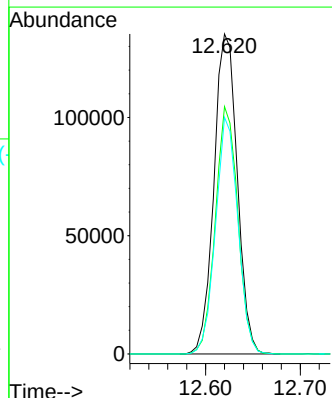
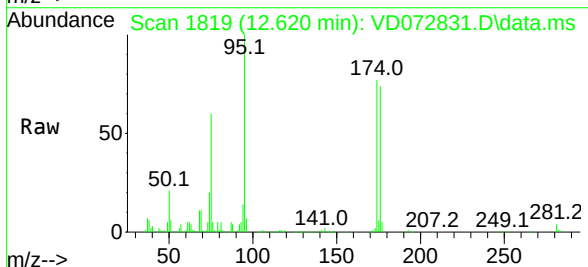
Tgt Ion: 95 Resp: 231946

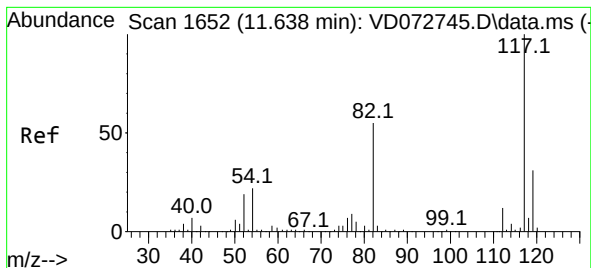
Ion Ratio Lower Upper

95 100

174 74.4 0.0 152.8

176 70.8 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: VD072831.D

Acq: 06 May 2022 02:43

Instrument :

MSVOA_D

ClientSampleId :

B2-5-7

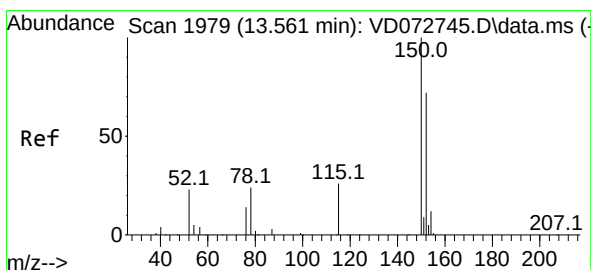
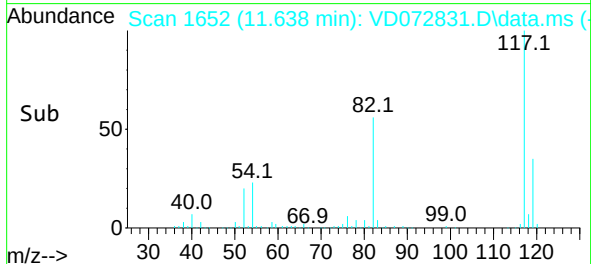
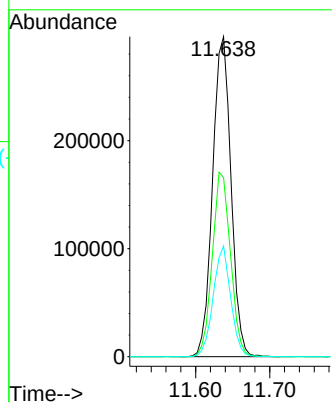
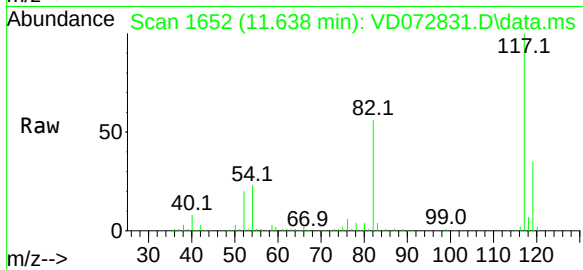
Tgt Ion:117 Resp: 510516

Ion Ratio Lower Upper

117 100

82 56.0 45.3 67.9

119 34.6 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: VD072831.D

Acq: 06 May 2022 02:43

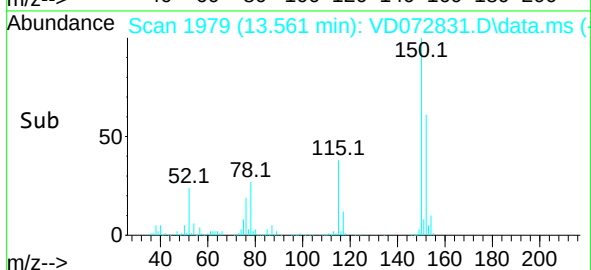
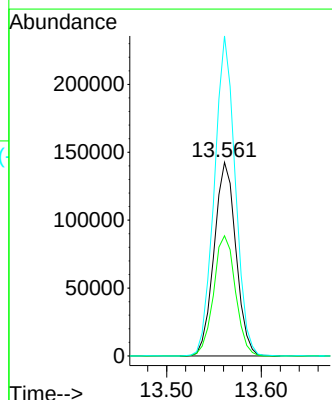
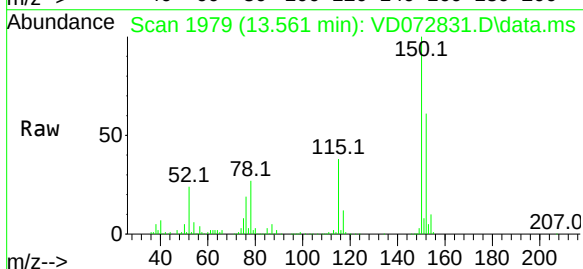
Tgt Ion:152 Resp: 228305

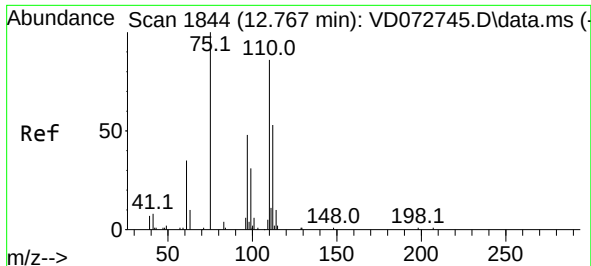
Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.8

150 158.7 0.0 348.6

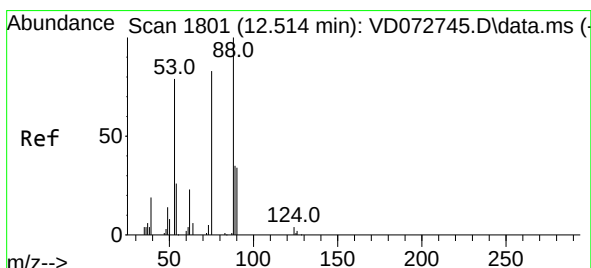
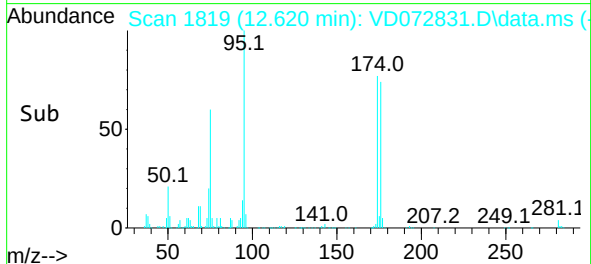
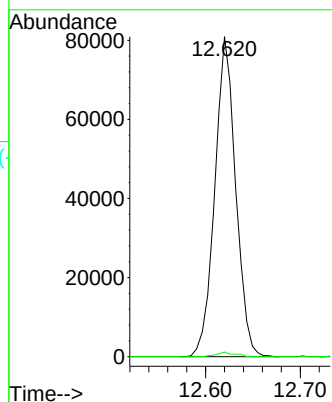
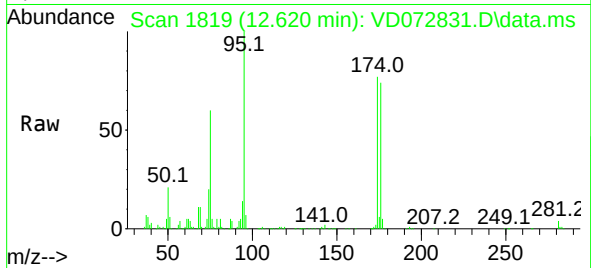




#76
1,2,3-Trichloropropane
Concen: 48.742 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072831.D
Acq: 06 May 2022 02:43

Instrument :
MSVOA_D
ClientSampleId :
B2-5-7

Tgt Ion: 75 Resp: 124085
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.087 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072831.D
Acq: 06 May 2022 02:43

Tgt Ion: 75 Resp: 124085
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

