

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072795.D
 Acq On : 04 May 2022 18:18
 Operator : VA/SY
 Sample : N2677-02
 Misc : 6.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5,17

Quant Time: May 05 01:38:42 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

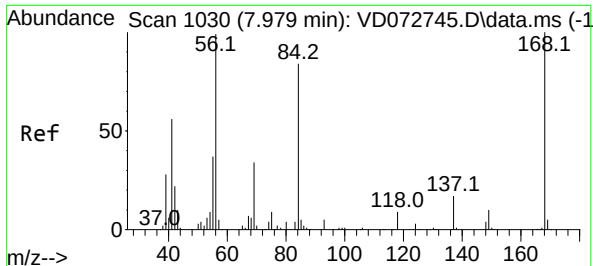
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	252605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	464030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	466006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	213154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174505	53.219	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.440%			
35) Dibromofluoromethane	7.908	113	164952	50.615	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.240%			
50) Toluene-d8	10.332	98	575958	49.269	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.620	95	232508	53.341	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.680%			
Target Compounds						
5) Bromomethane	2.779	94	491	Below Cal	#	65
16) Acetone	4.144	43	650	Below Cal		94
18) Methyl Acetate	4.726	43	60	Below Cal	#	55
20) Methylene Chloride	4.956	84	9381	Below Cal	#	92
31) Cyclohexane	7.967	56	6007	1.048	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	21843	4.122	ug/l #	52
38) Carbon Tetrachloride	7.973	117	27700	5.036	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	2768	1.185	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	132231	55.634	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	132231	127.935	ug/l #	9

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

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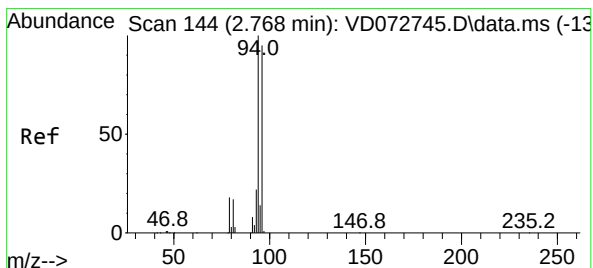
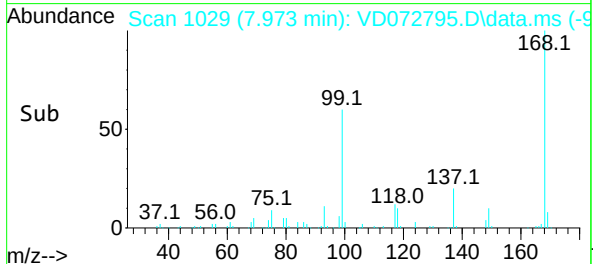
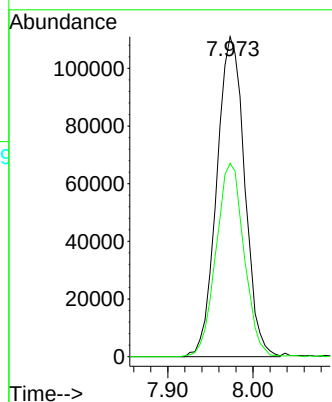
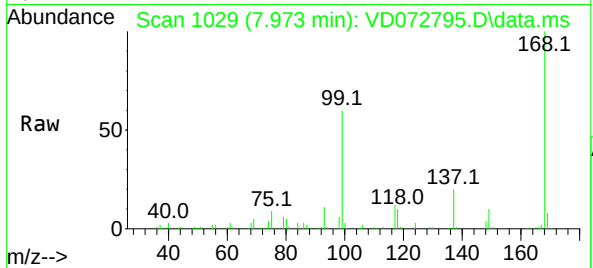




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072795.D
Acq: 04 May 2022 18:18

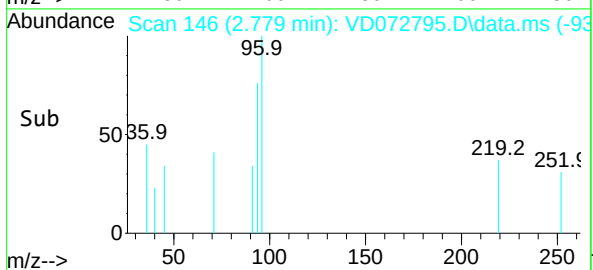
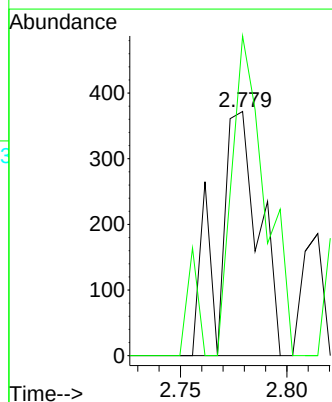
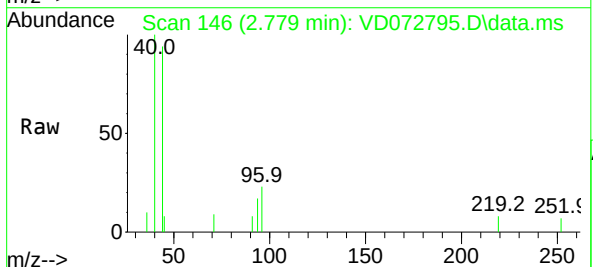
Instrument :
MSVOA_D
ClientSampleId :
SB-5,17

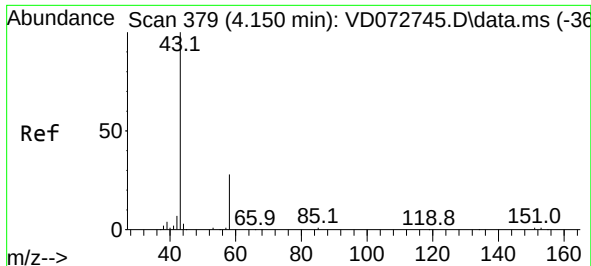
Tgt Ion:168 Resp: 252605
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072795.D
Acq: 04 May 2022 18:18

Tgt Ion: 94 Resp: 491
Ion Ratio Lower Upper
94 100
96 130.9 77.6 116.4#

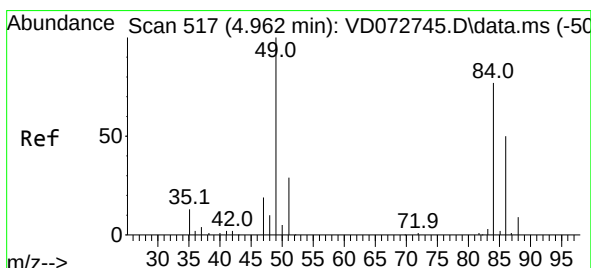
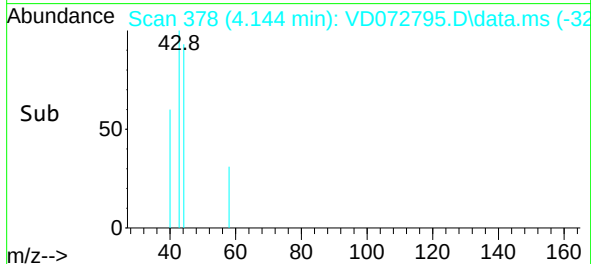
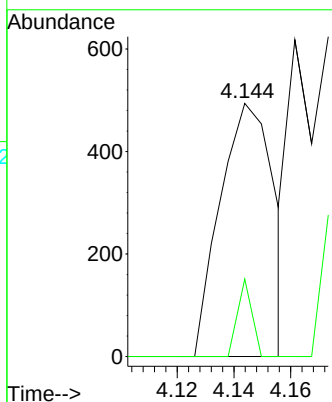
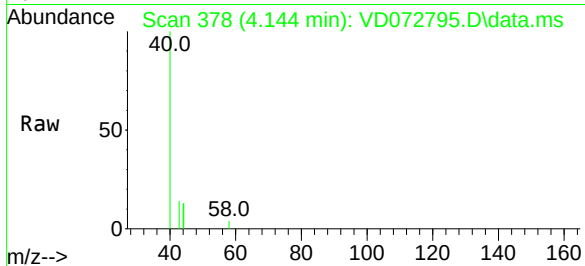




#16
Acetone
Concen: Below Cal
RT: 4.144 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072795.D
Acq: 04 May 2022 18:18

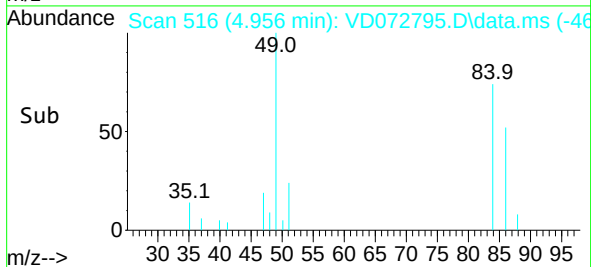
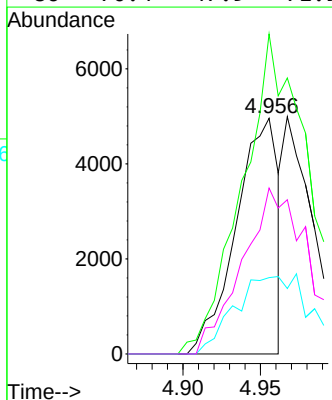
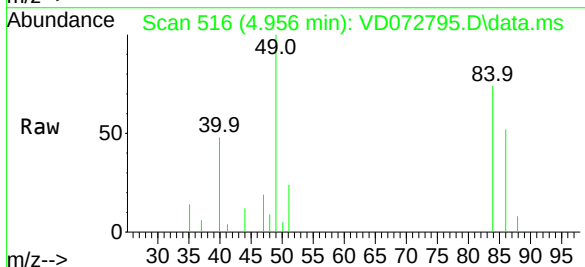
Instrument :
MSVOA_D
ClientSampleId :
SB-5,17

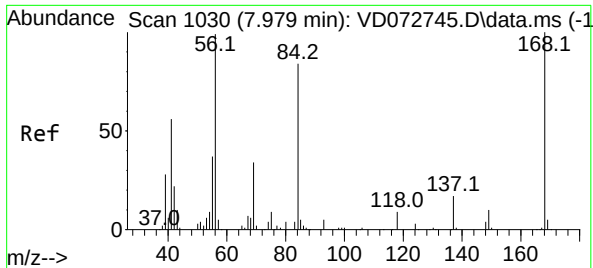
Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 30.6 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072795.D
Acq: 04 May 2022 18:18

Tgt Ion: 84 Resp: 9381
Ion Ratio Lower Upper
84 100
49 135.7 112.8 169.2
51 32.3 32.6 48.8#
86 70.4 47.9 71.9





#31

Cyclohexane

Concen: 1.048 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD072795.D

Acq: 04 May 2022 18:18

Instrument :

MSVOA_D

ClientSampleId :

SB-5,17

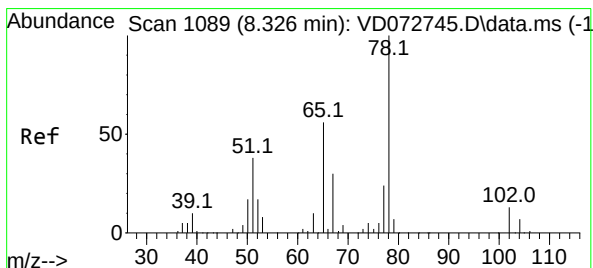
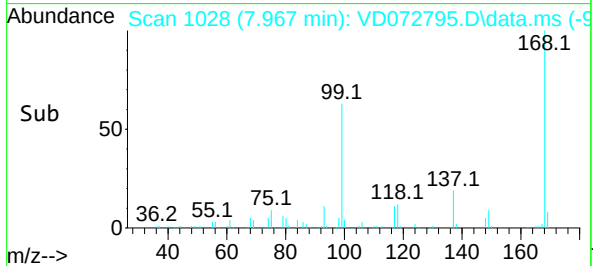
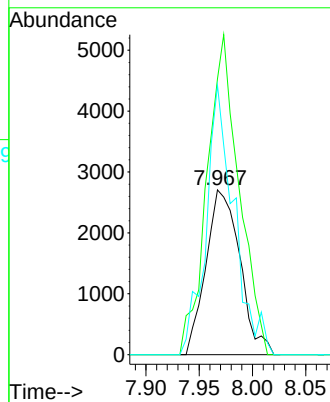
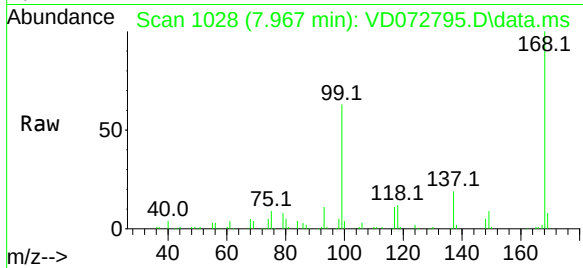
Tgt Ion: 56 Resp: 6007

Ion Ratio Lower Upper

56 100

69 167.4 25.4 38.2#

84 163.4 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 53.219 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072795.D

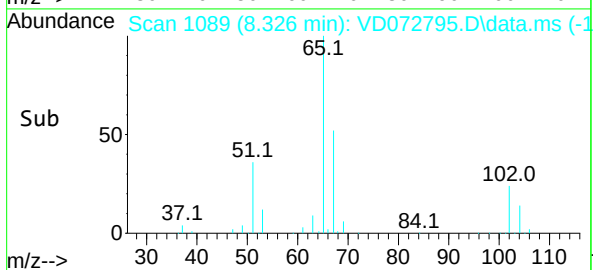
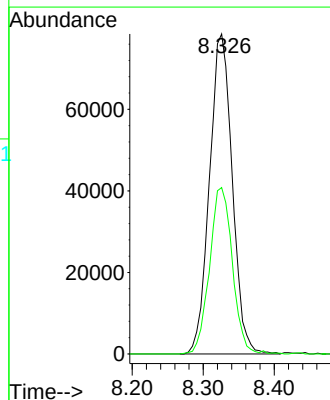
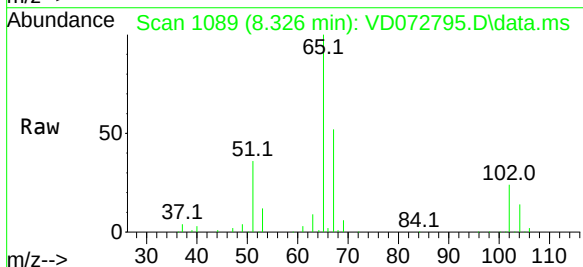
Acq: 04 May 2022 18:18

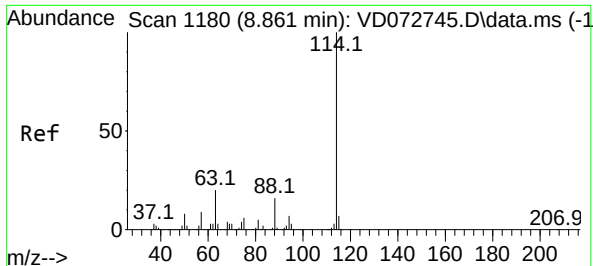
Tgt Ion: 65 Resp: 174505

Ion Ratio Lower Upper

65 100

67 52.3 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: VD072795.D

Acq: 04 May 2022 18:18

Instrument :

MSVOA_D

ClientSampleId :

SB-5,17

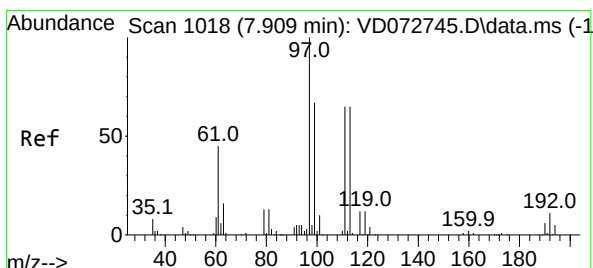
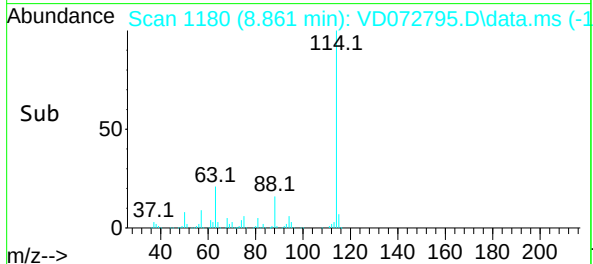
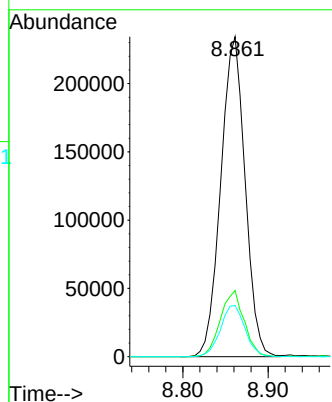
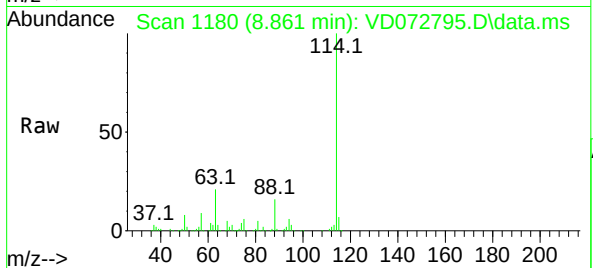
Tgt Ion:114 Resp: 464030

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.615 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072795.D

Acq: 04 May 2022 18:18

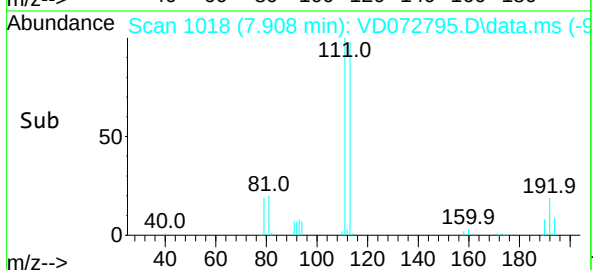
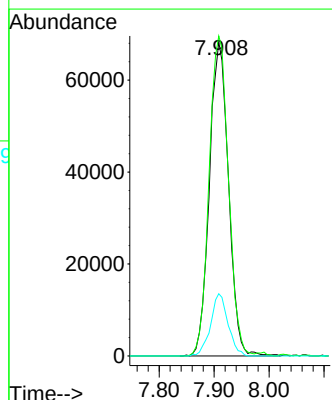
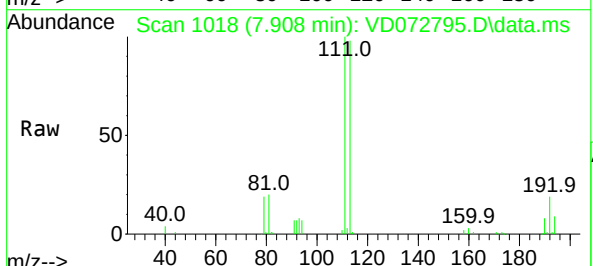
Tgt Ion:113 Resp: 164952

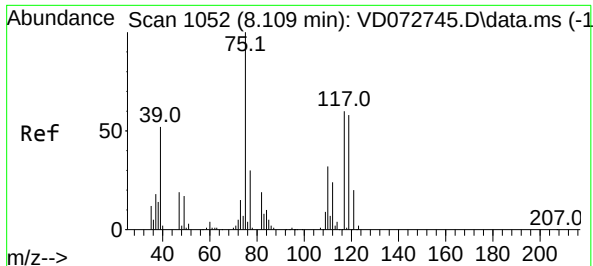
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.122 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072795.D

Acq: 04 May 2022 18:18

Instrument :

MSVOA_D

ClientSampleId :

SB-5,17

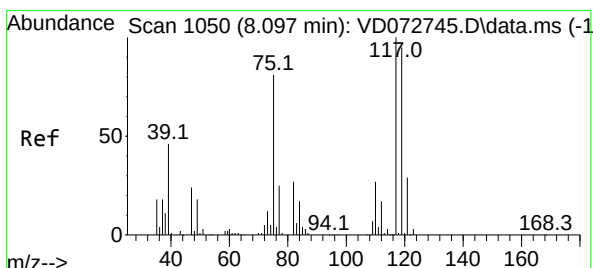
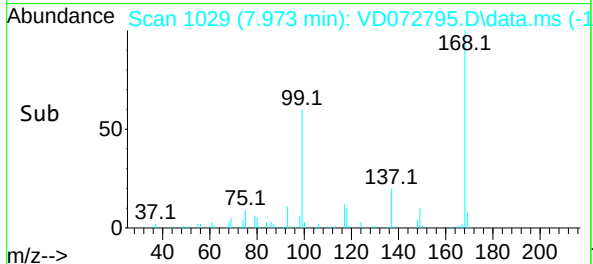
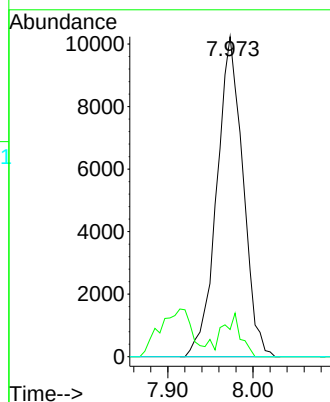
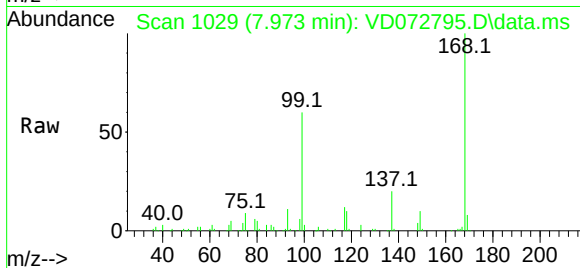
Tgt Ion: 75 Resp: 21843

Ion Ratio Lower Upper

75 100

110 10.2 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.036 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072795.D

Acq: 04 May 2022 18:18

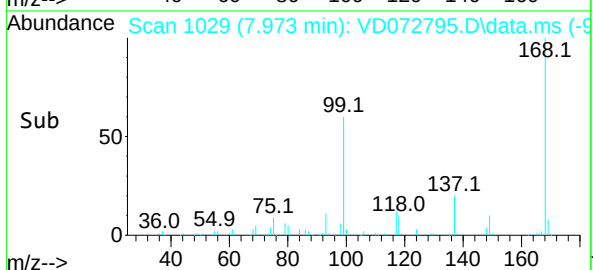
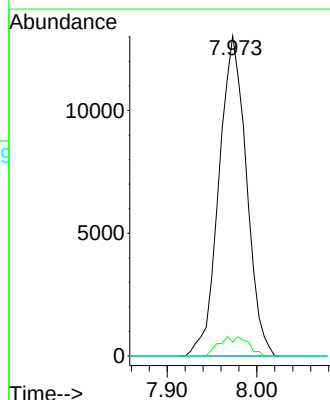
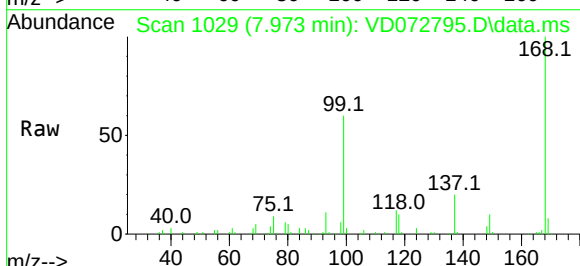
Tgt Ion: 117 Resp: 27700

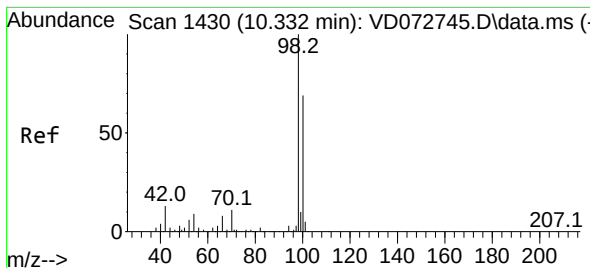
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 49.269 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072795.D

Acq: 04 May 2022 18:18

Instrument :

MSVOA_D

ClientSampleId :

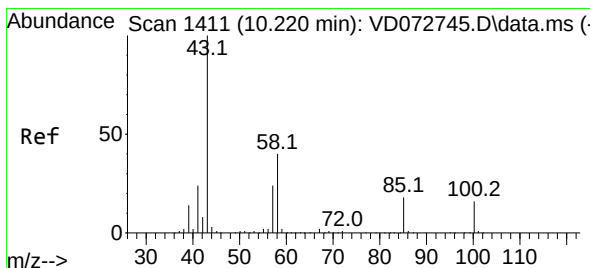
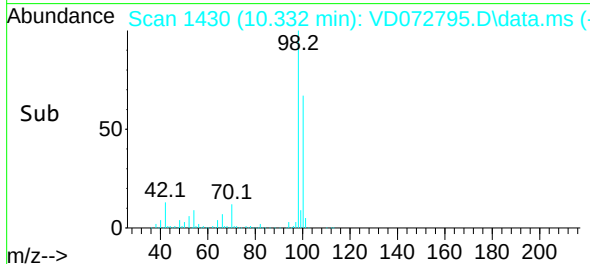
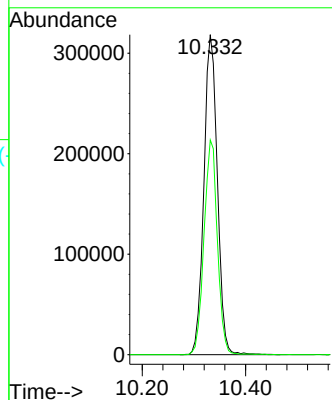
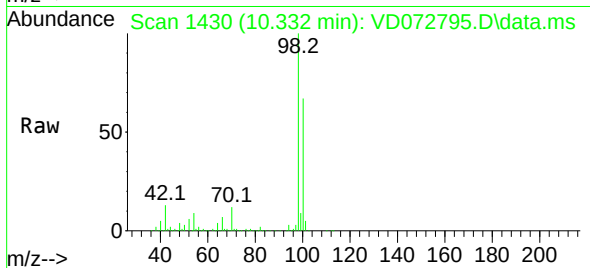
SB-5,17

Tgt Ion: 98 Resp: 575958

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 1.185 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.112 min

Lab File: VD072795.D

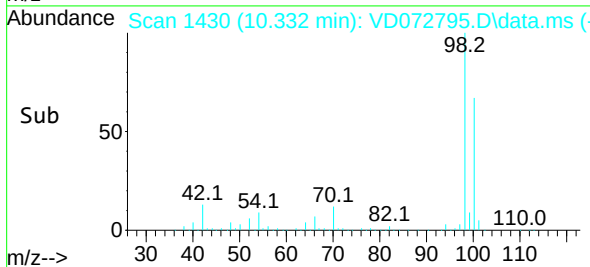
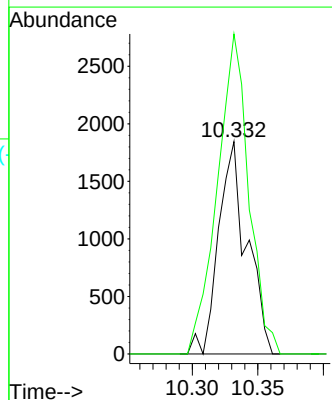
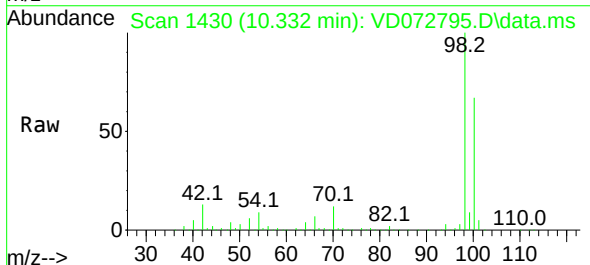
Acq: 04 May 2022 18:18

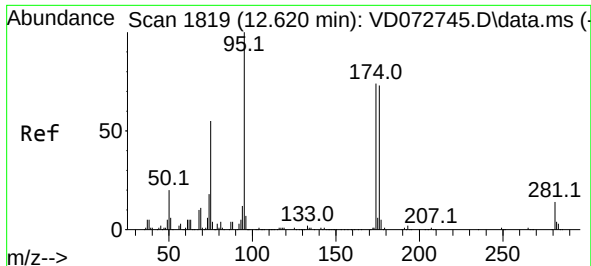
Tgt Ion: 43 Resp: 2768

Ion Ratio Lower Upper

43 100

58 167.9 28.6 43.0#

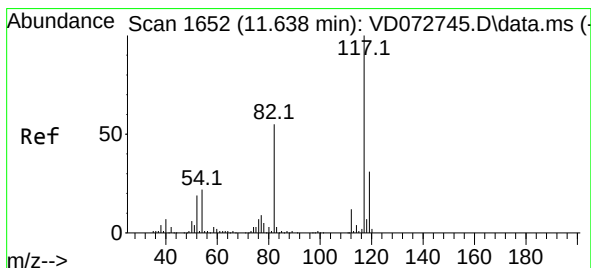
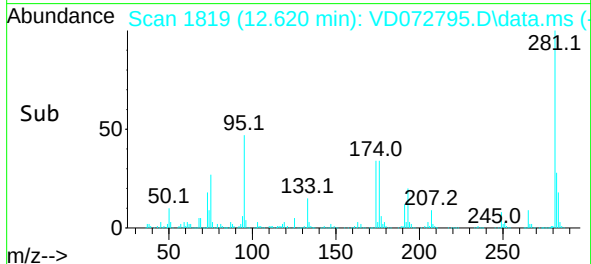
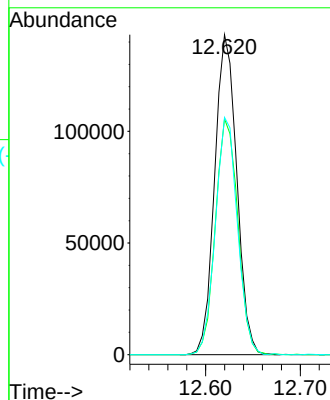
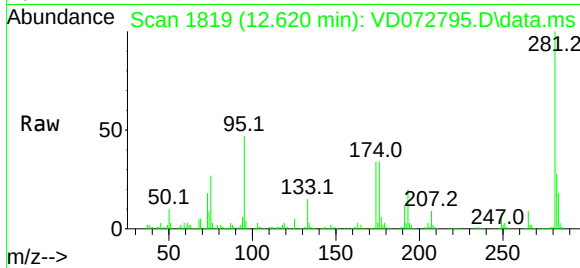




#62
4-Bromofluorobenzene
Concen: 53.341 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072795.D
Acq: 04 May 2022 18:18

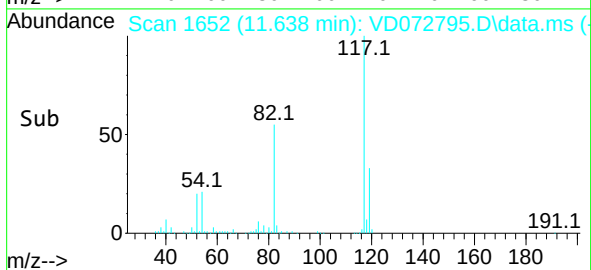
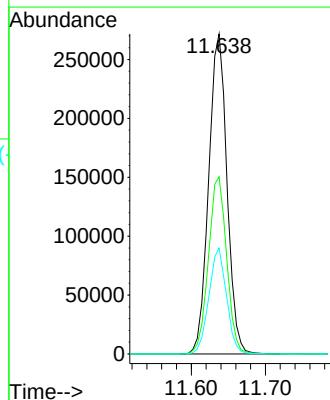
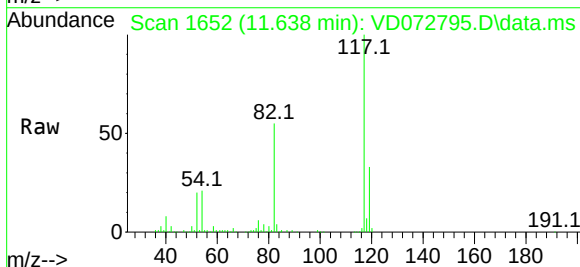
Instrument :
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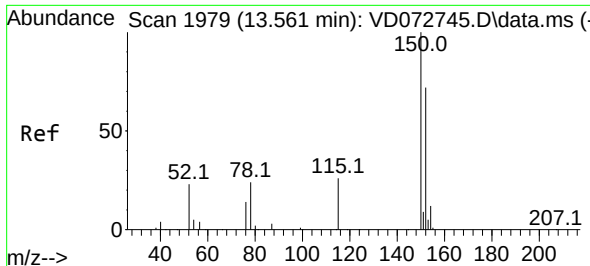
Tgt Ion: 95 Resp: 232508
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 74.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072795.D
Acq: 04 May 2022 18:18

Tgt Ion: 117 Resp: 466006
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 33.2 26.6 40.0

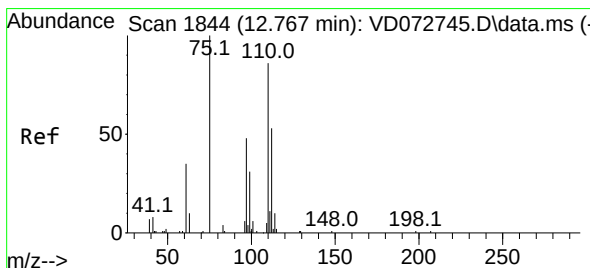
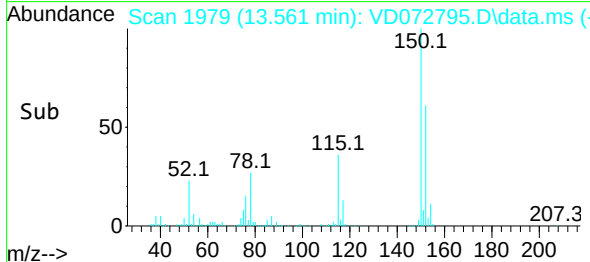
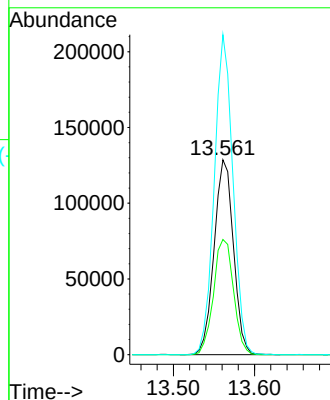
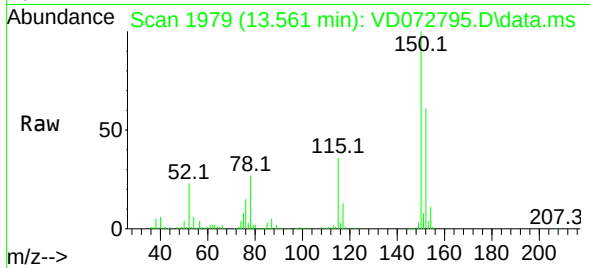




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD072795.D
 Acq: 04 May 2022 18:18

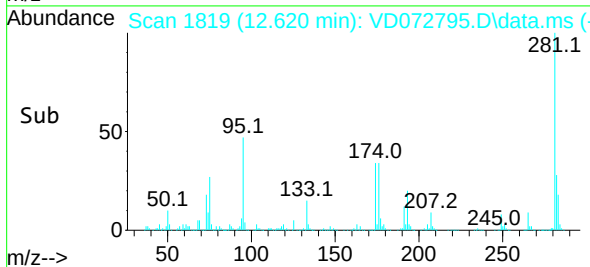
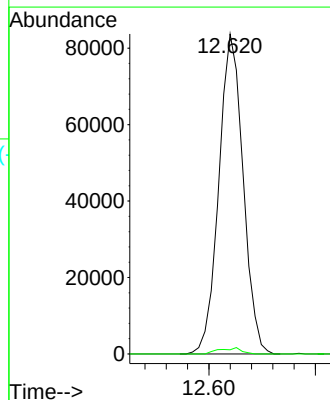
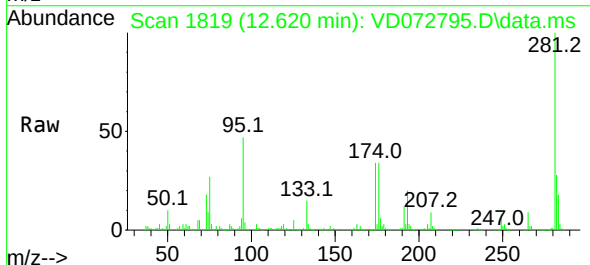
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5,17

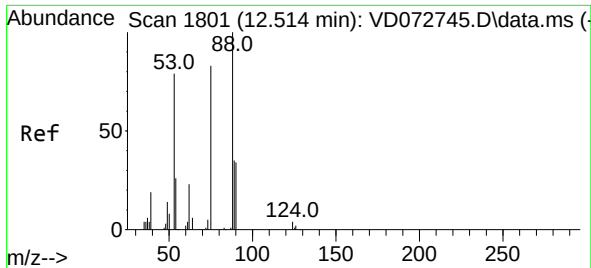
Tgt Ion:152 Resp: 213154
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.3 93.8
 150 158.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 55.634 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072795.D
 Acq: 04 May 2022 18:18

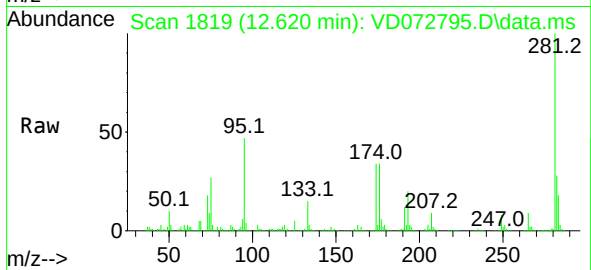
Tgt Ion: 75 Resp: 132231
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.935 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072795.D
 Acq: 04 May 2022 18:18

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5,17



Tgt Ion: 75 Resp: 132231
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 3.6 33.9 50.9#

