

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073613.D
 Acq On : 16 Jun 2022 13:08
 Operator : VA/SY
 Sample : N3293-07
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40808

Quant Time: Jun 16 15:11:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

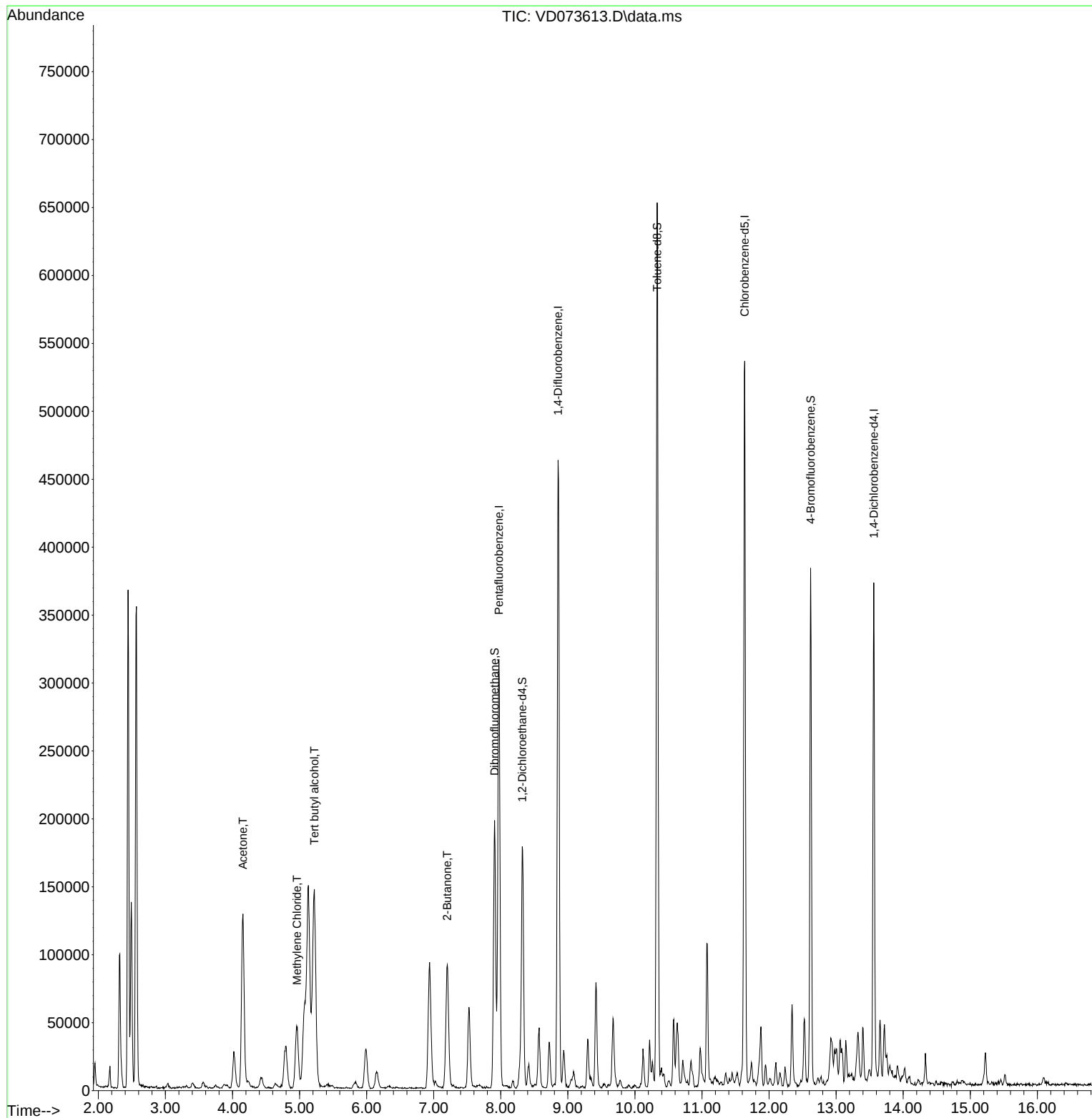
Internal Standards						
1) Pentafluorobenzene	7.973	168	233228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	411883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	312481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	100923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	141552	56.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.120%
35) Dibromofluoromethane	7.908	113	140330	52.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.960%
50) Toluene-d8	10.332	98	441136	44.052	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.100%
62) 4-Bromofluorobenzene	12.620	95	124400	34.220	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	271276	1398.681	ug/l	98
16) Acetone	4.156	43	224390	509.177	ug/l	91
20) Methylene Chloride	4.961	84	36817	10.770	ug/l #	79
25) 2-Butanone	7.203	43	121147	186.831	ug/l	92

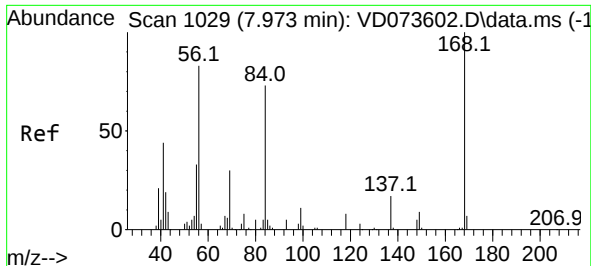
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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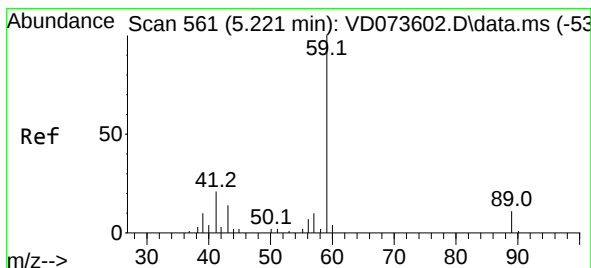
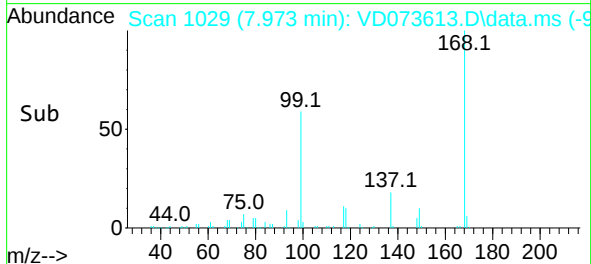
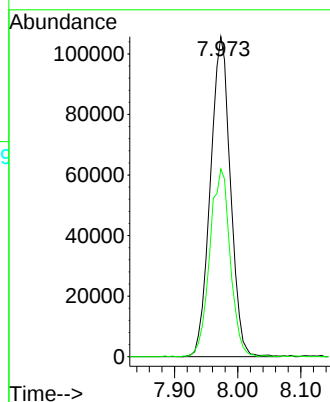
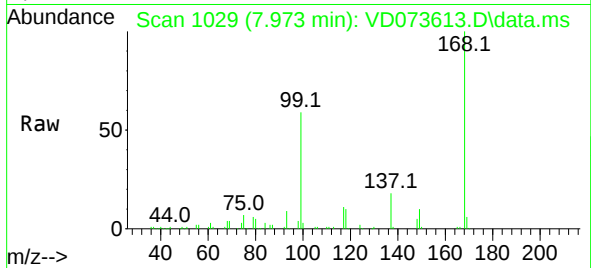




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073613.D
Acq: 16 Jun 2022 13:08

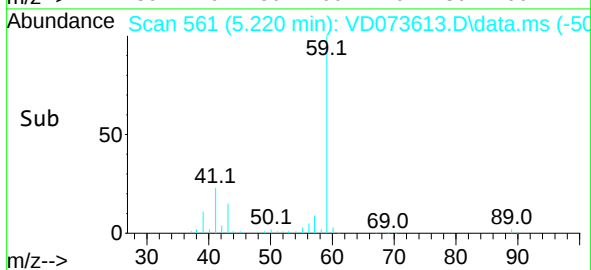
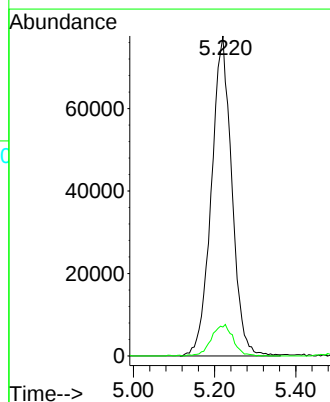
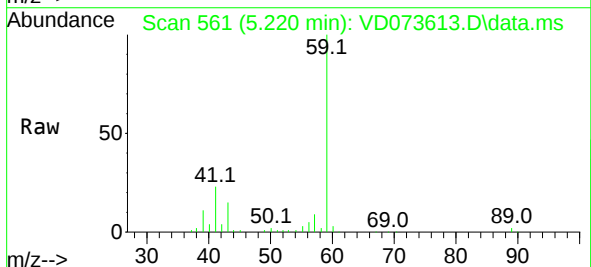
Instrument :
MSVOA_D
ClientSampleId :
40808

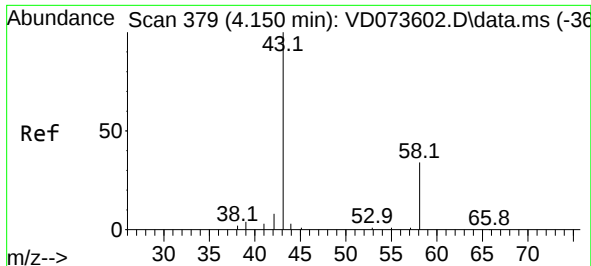
Tgt Ion:168 Resp: 233228
Ion Ratio Lower Upper
168 100
99 58.7 49.8 74.6



#11
Tert butyl alcohol
Concen: 1398.681 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.029 min
Lab File: VD073613.D
Acq: 16 Jun 2022 13:08

Tgt Ion: 59 Resp: 271276
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.6

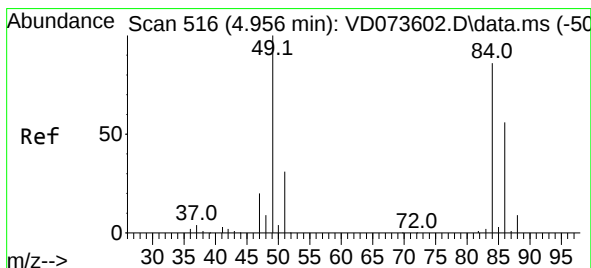
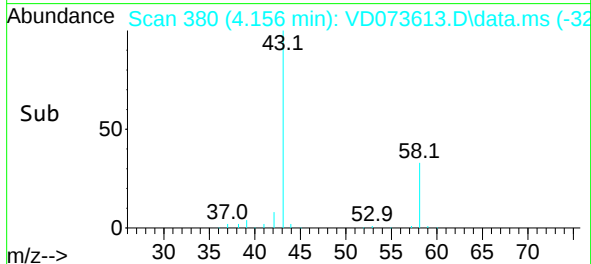
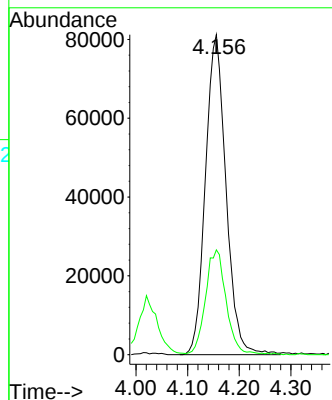
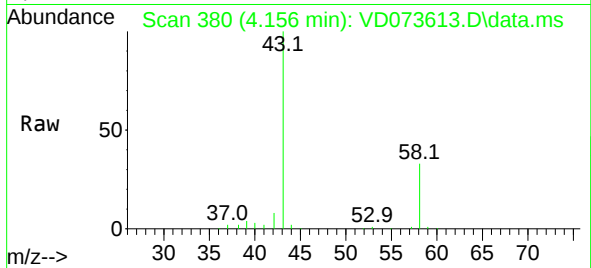




#16
Acetone
Concen: 509.177 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073613.D
Acq: 16 Jun 2022 13:08

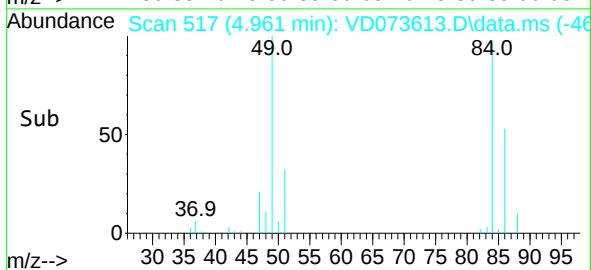
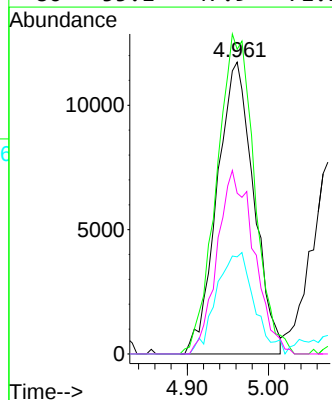
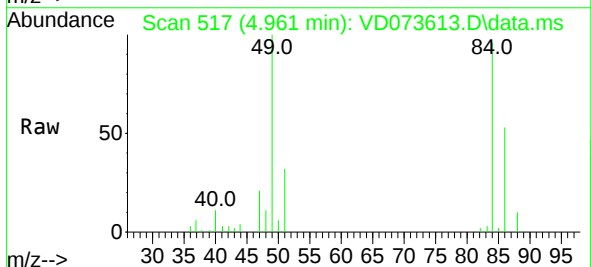
Instrument :
MSVOA_D
ClientSampleId :
40808

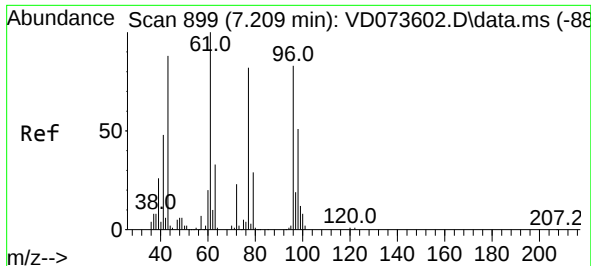
Tgt Ion: 43 Resp: 224390
Ion Ratio Lower Upper
43 100
58 32.6 22.1 33.1



#20
Methylene Chloride
Concen: 10.770 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD073613.D
Acq: 16 Jun 2022 13:08

Tgt Ion: 84 Resp: 36817
Ion Ratio Lower Upper
84 100
49 104.4 112.8 169.2#
51 33.3 32.6 48.8
86 55.1 47.9 71.9

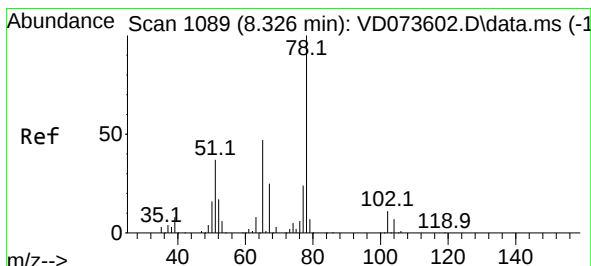
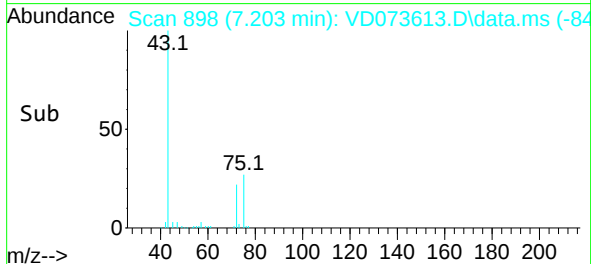
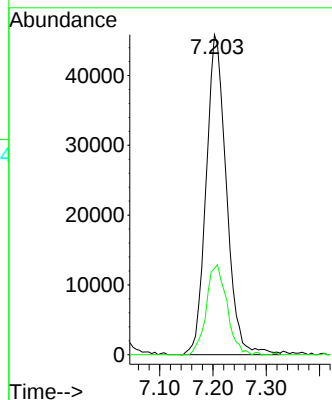
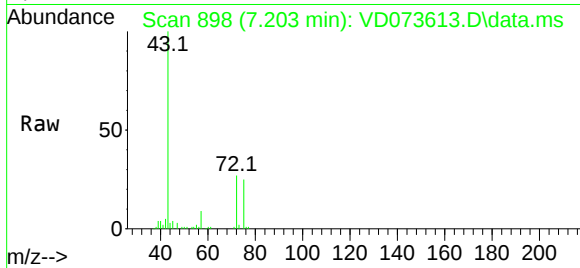




#25
2-Butanone
Concen: 186.831 ug/l
RT: 7.203 min Scan# 89
Delta R.T. -0.006 min
Lab File: VD073613.D
Acq: 16 Jun 2022 13:08

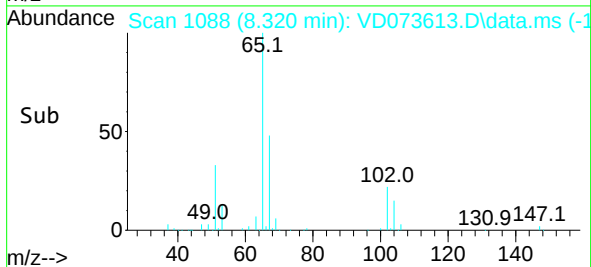
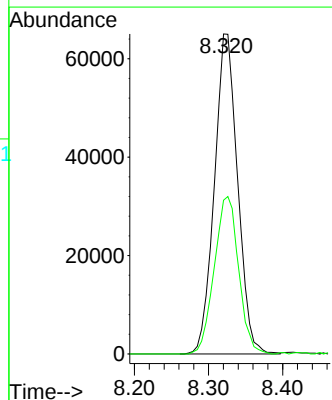
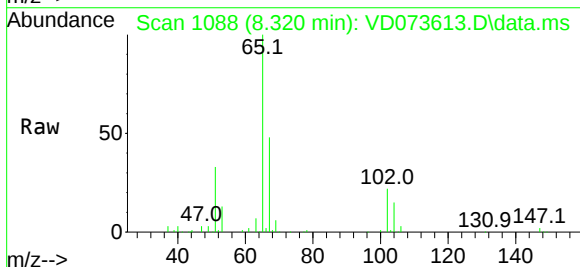
Instrument :
MSVOA_D
ClientSampleId :
40808

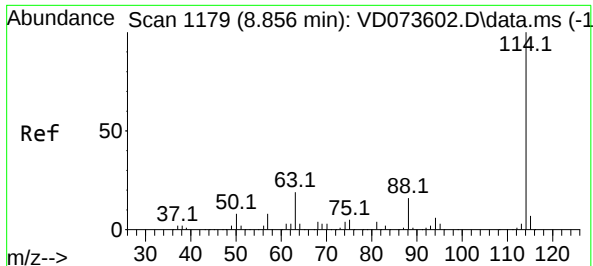
Tgt Ion: 43 Resp: 121147
Ion Ratio Lower Upper
43 100
72 26.9 18.6 27.8



#33
1,2-Dichloroethane-d4
Concen: 56.556 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073613.D
Acq: 16 Jun 2022 13:08

Tgt Ion: 65 Resp: 141552
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073613.D

Acq: 16 Jun 2022 13:08

Instrument :

MSVOA_D

ClientSampleId :

40808

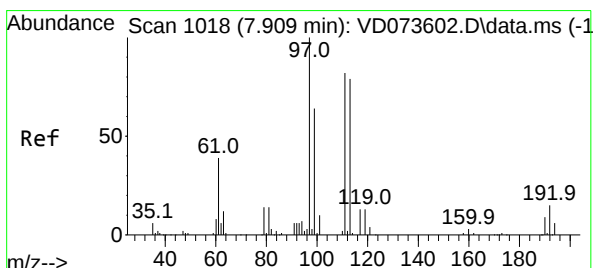
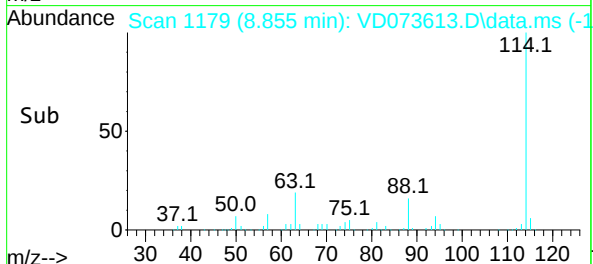
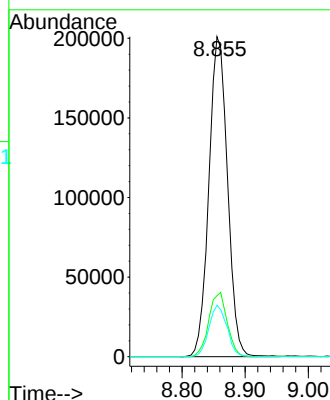
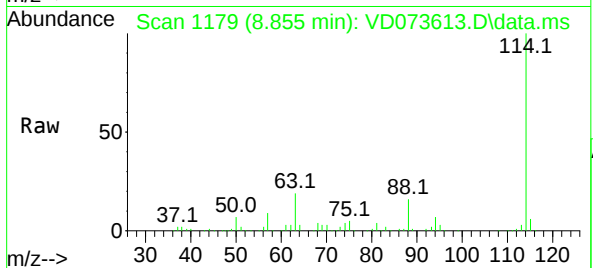
Tgt Ion:114 Resp: 411883

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.983 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073613.D

Acq: 16 Jun 2022 13:08

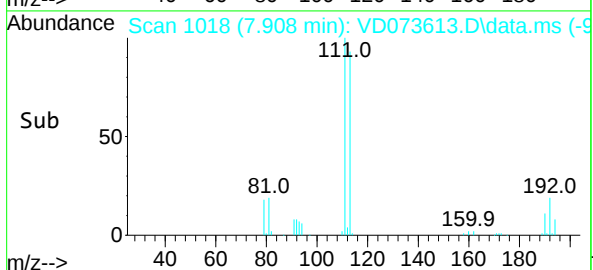
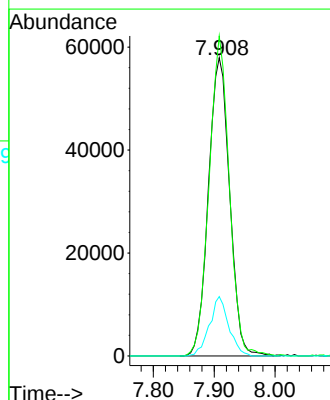
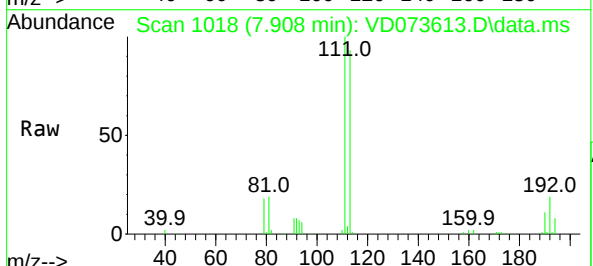
Tgt Ion:113 Resp: 140330

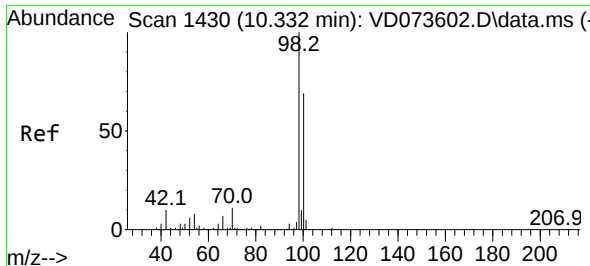
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.1 14.6 21.8

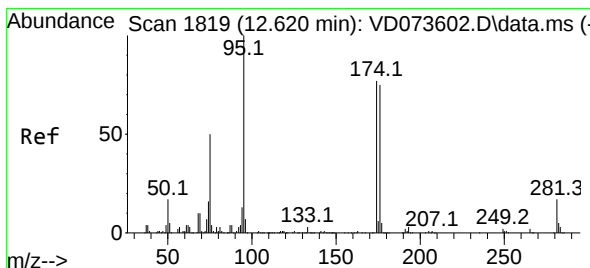
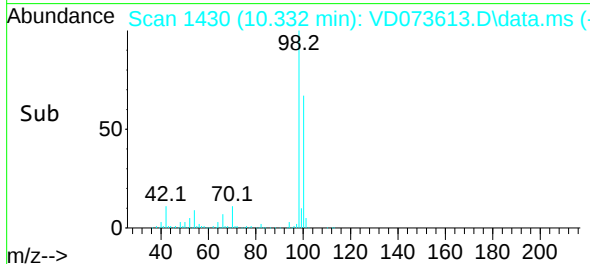
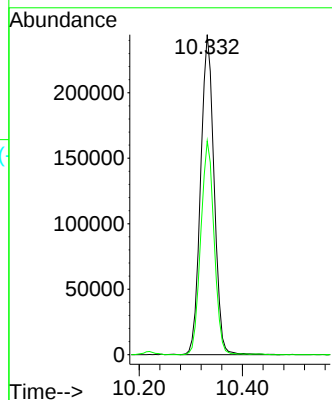
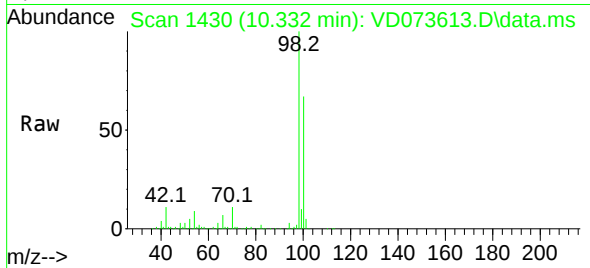




#50
Toluene-d8
Concen: 44.052 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073613.D
Acq: 16 Jun 2022 13:08

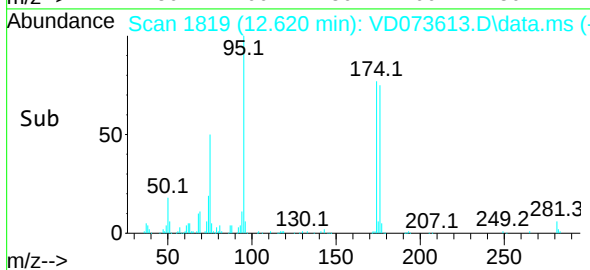
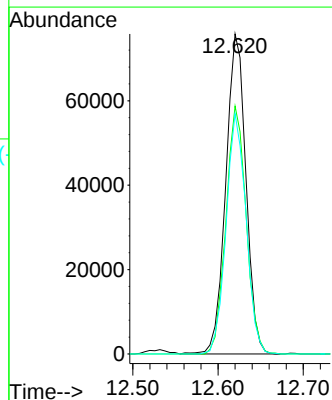
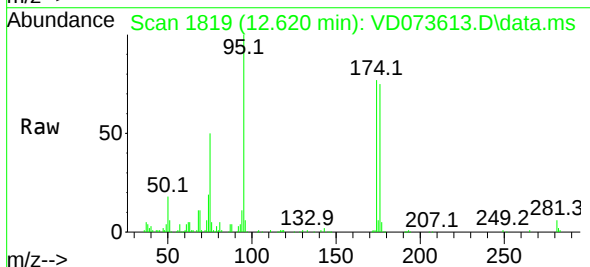
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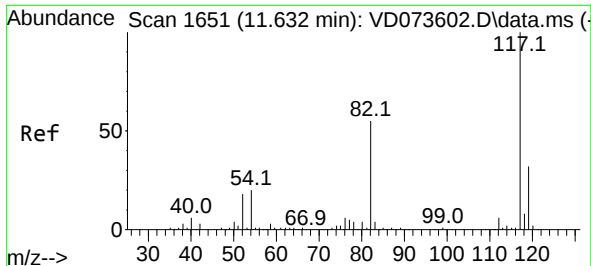
Tgt Ion: 98 Resp: 441136
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 34.220 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073613.D
Acq: 16 Jun 2022 13:08

Tgt Ion: 95 Resp: 124400
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.3 0.0 145.4

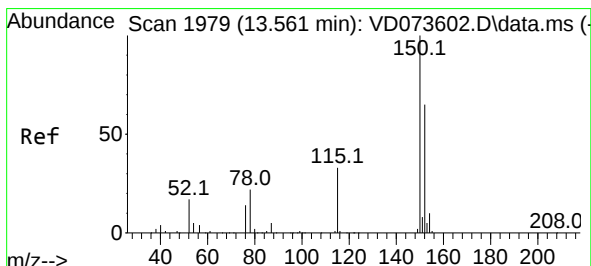
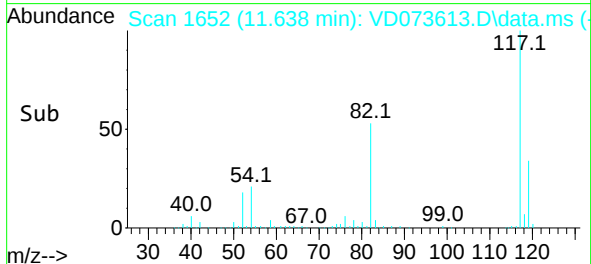
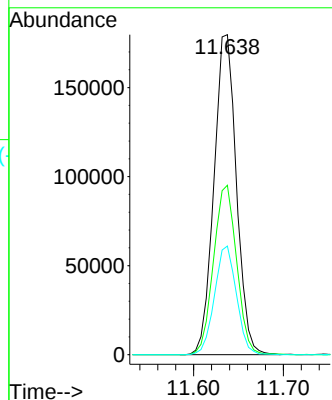
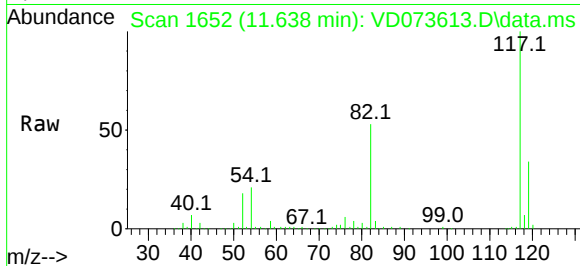




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073613.D
Acq: 16 Jun 2022 13:08

Instrument :
MSVOA_D
ClientSampleId :
40808

Tgt Ion:117 Resp: 312481
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 34.0 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: VD073613.D
Acq: 16 Jun 2022 13:08

Tgt Ion:152 Resp: 100923
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 155.2 0.0 348.6

