

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073705.D
 Acq On : 25 Jun 2022 13:03
 Operator : VA/SY
 Sample : N3502-05
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-43-UC

Quant Time: Jun 27 09:36:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

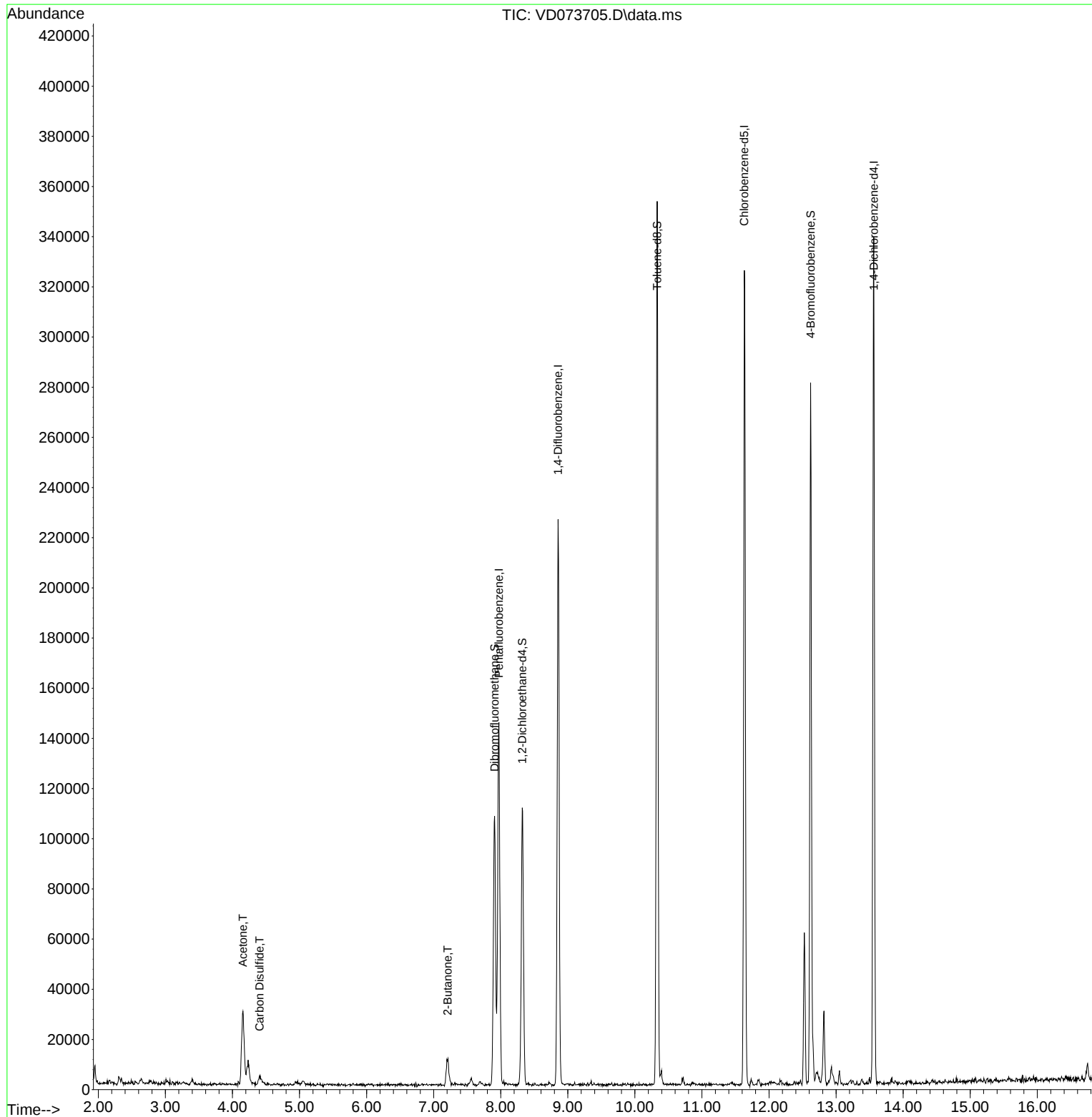
Internal Standards						
1) Pentafluorobenzene	7.973	168	103118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	193035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	196770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	87861	69.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.740%	
35) Dibromofluoromethane	7.909	113	76421	50.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.332	98	238032	44.086	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.180%	
62) 4-Bromofluorobenzene	12.620	95	87453	43.186	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.380%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	51690	253.766	ug/l	95
17) Carbon Disulfide	4.403	76	6374	2.384	ug/l #	92
25) 2-Butanone	7.209	43	16809	52.664	ug/l	96

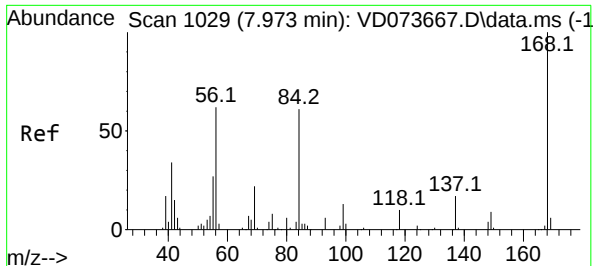
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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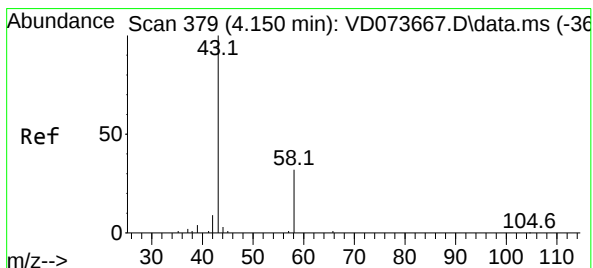
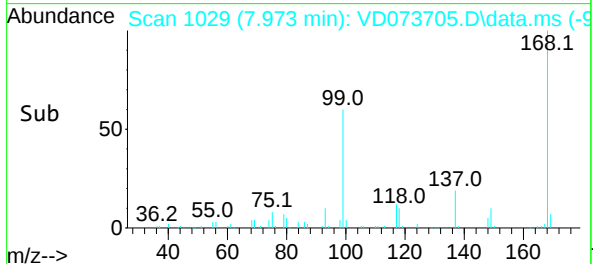
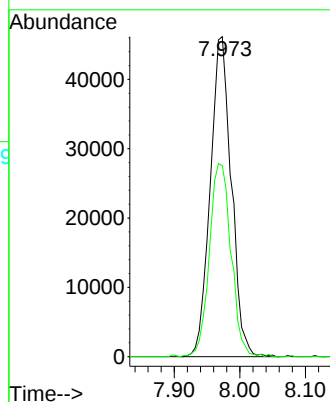
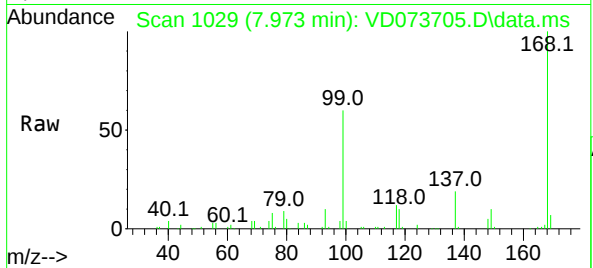




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073705.D
Acq: 25 Jun 2022 13:03

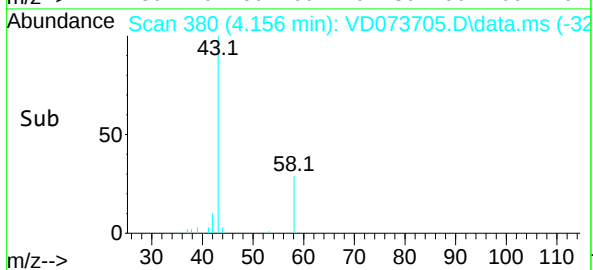
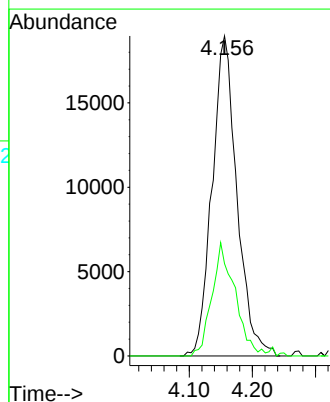
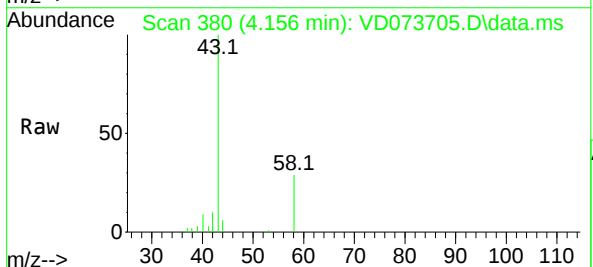
Instrument :
MSVOA_D
ClientSampleId :
D-43-UC

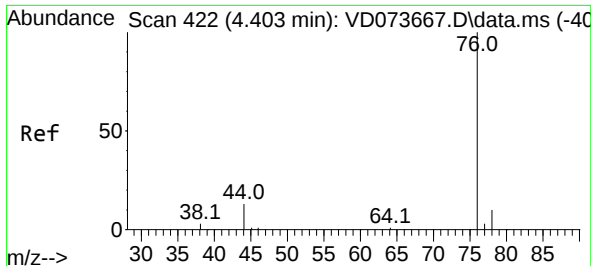
Tgt Ion:168 Resp: 103118
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6



#16
Acetone
Concen: 253.766 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073705.D
Acq: 25 Jun 2022 13:03

Tgt Ion: 43 Resp: 51690
Ion Ratio Lower Upper
43 100
58 28.9 25.2 37.8

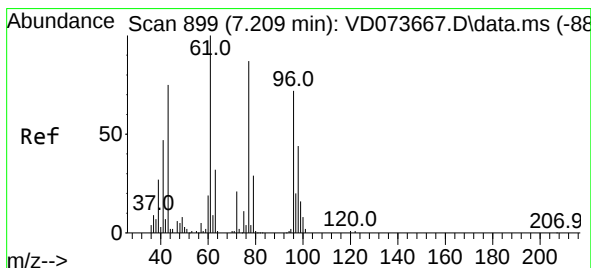
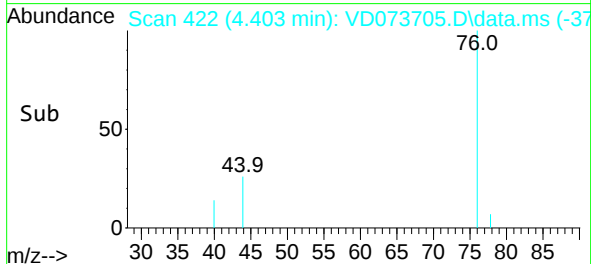
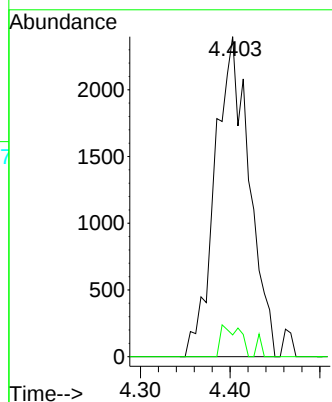
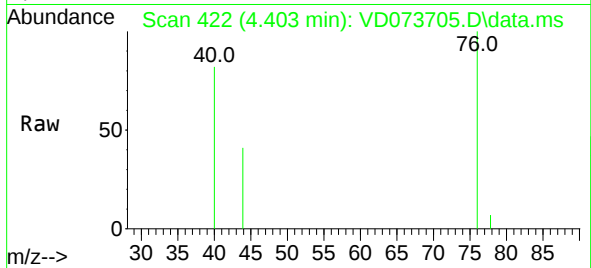




#17
Carbon Disulfide
Concen: 2.384 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073705.D
Acq: 25 Jun 2022 13:03

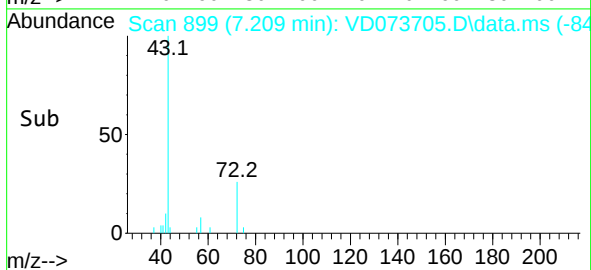
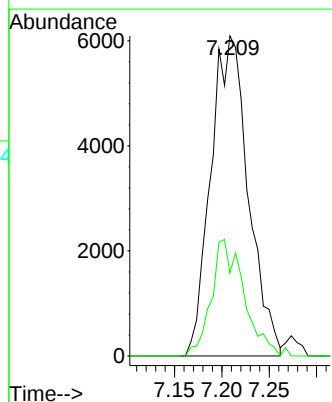
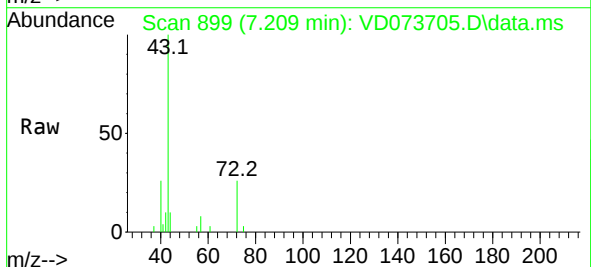
Instrument :
MSVOA_D
ClientSampleId :
D-43-UC

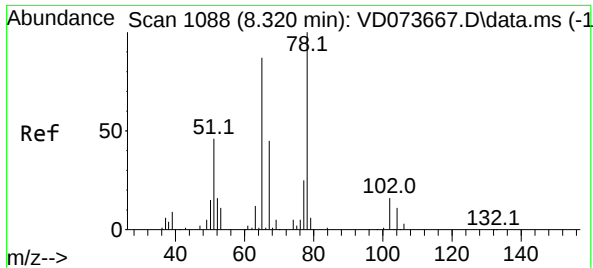
Tgt Ion: 76 Resp: 6374
Ion Ratio Lower Upper
76 100
78 6.8 7.7 11.5#



#25
2-Butanone
Concen: 52.664 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073705.D
Acq: 25 Jun 2022 13:03

Tgt Ion: 43 Resp: 16809
Ion Ratio Lower Upper
43 100
72 26.0 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 69.372 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073705.D

Acq: 25 Jun 2022 13:03

Instrument :

MSVOA_D

ClientSampleId :

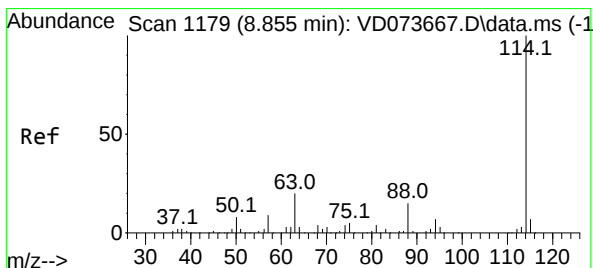
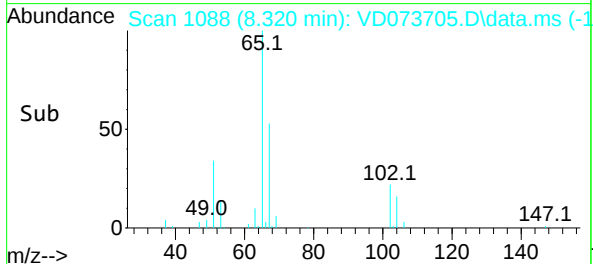
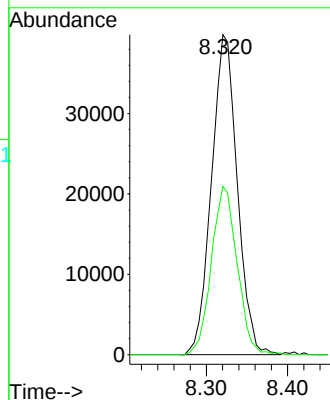
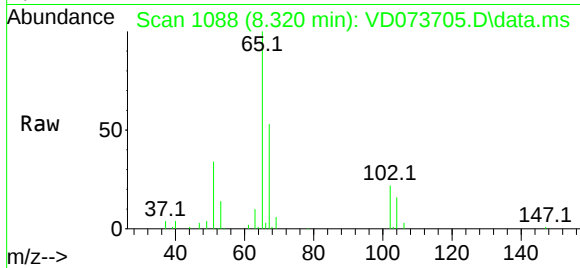
D-43-UC

Tgt Ion: 65 Resp: 87861

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073705.D

Acq: 25 Jun 2022 13:03

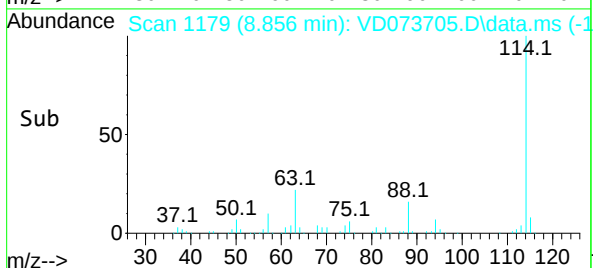
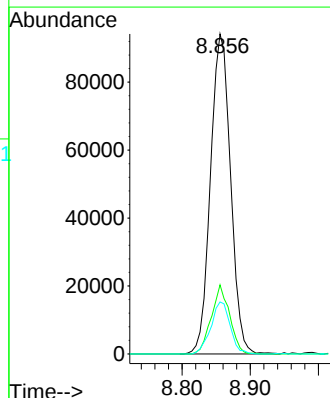
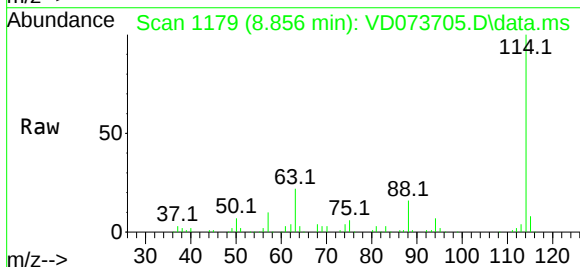
Tgt Ion: 114 Resp: 193035

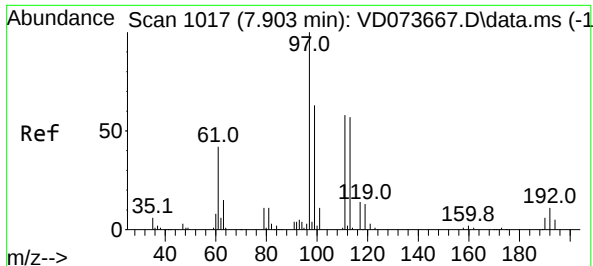
Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.2

88 16.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.820 ug/l

RT: 7.909 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073705.D

Acq: 25 Jun 2022 13:03

Instrument :

MSVOA_D

ClientSampleId :

D-43-UC

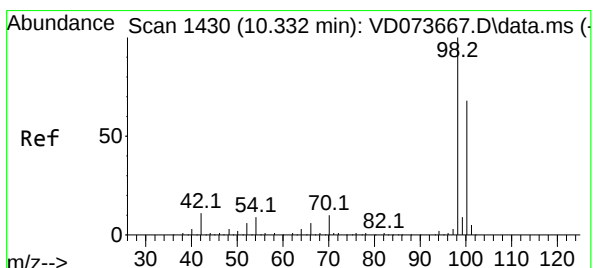
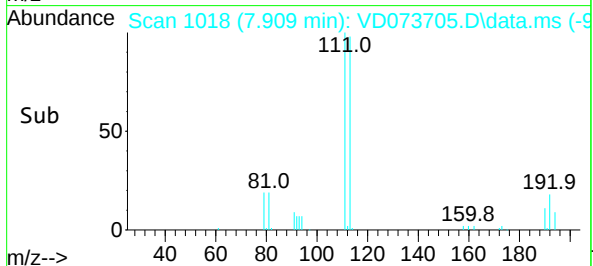
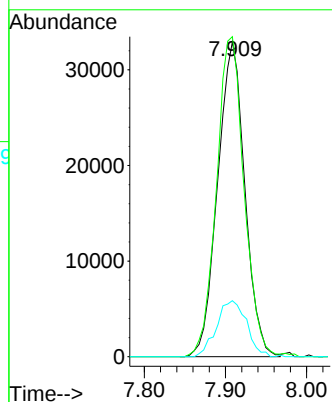
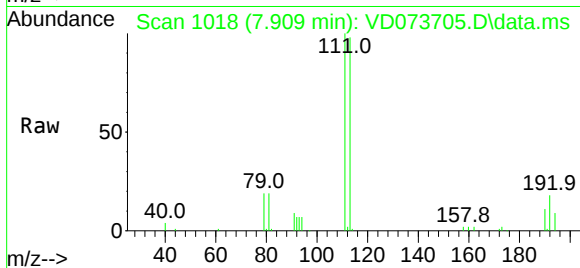
Tgt Ion:113 Resp: 76421

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

192 19.7 14.8 22.2



#50

Toluene-d8

Concen: 44.086 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073705.D

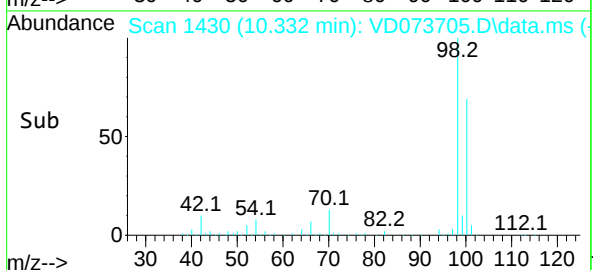
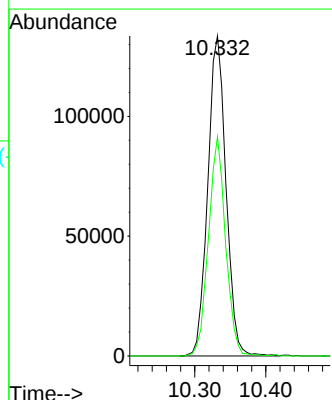
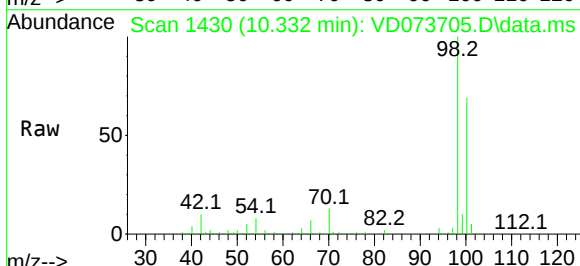
Acq: 25 Jun 2022 13:03

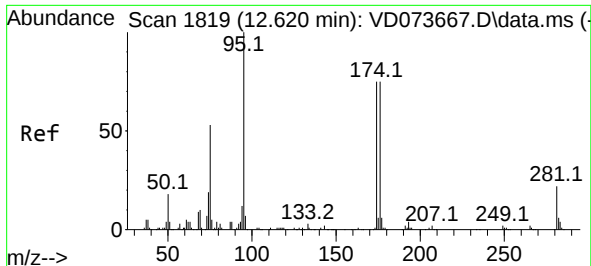
Tgt Ion: 98 Resp: 238032

Ion Ratio Lower Upper

98 100

100 64.6 54.0 81.0

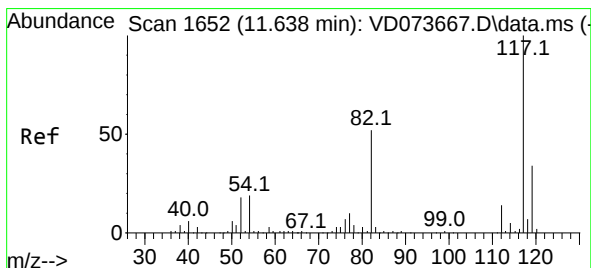
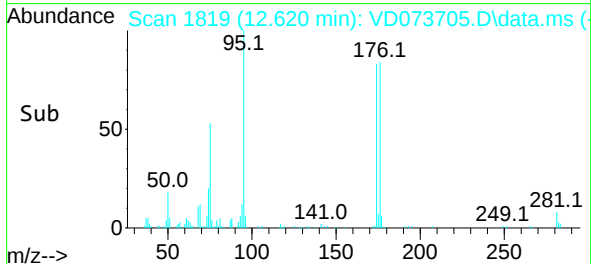
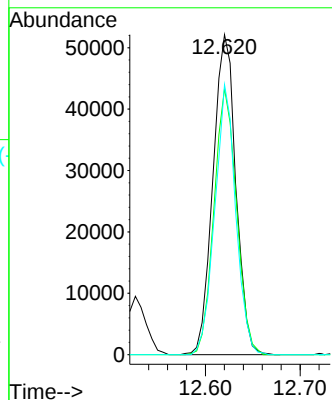
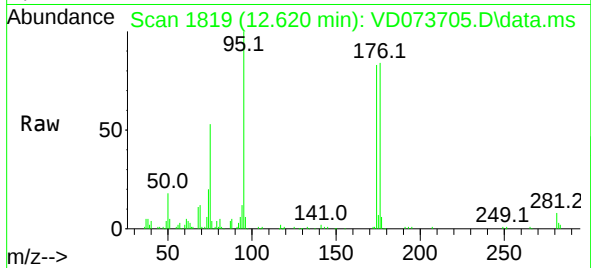




#62
4-Bromofluorobenzene
Concen: 43.186 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073705.D
Acq: 25 Jun 2022 13:03

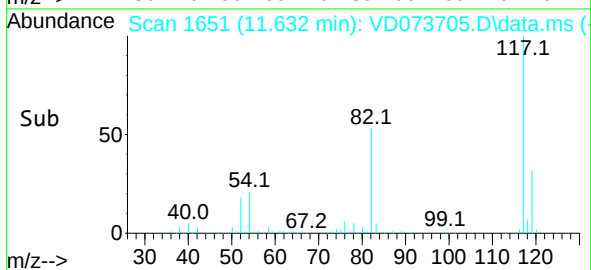
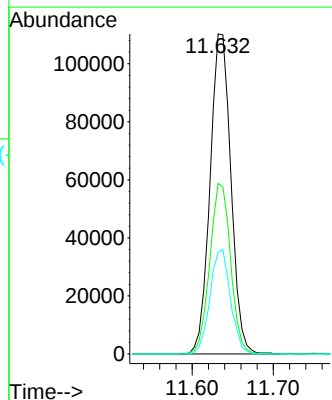
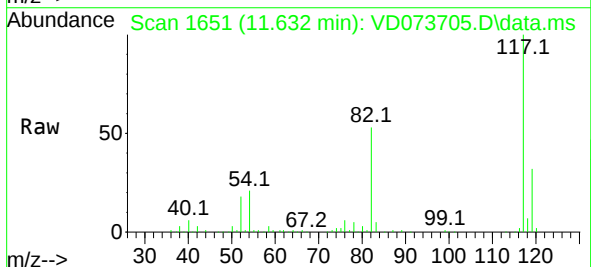
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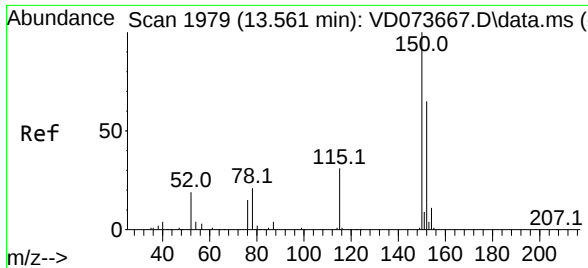
Tgt Ion: 95 Resp: 87453
Ion Ratio Lower Upper
95 100
174 81.8 0.0 158.4
176 77.4 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073705.D
Acq: 25 Jun 2022 13:03

Tgt Ion: 117 Resp: 196770
Ion Ratio Lower Upper
117 100
82 53.2 41.5 62.3
119 31.7 27.1 40.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073705.D
 Acq: 25 Jun 2022 13:03

Instrument :
 MSVOA_D
 ClientSampleId :
 D-43-UC

Tgt Ion:152	Resp:	92243
Ion	Ratio	Lower Upper
152	100	
115	60.5	30.6 91.6
150	156.0	0.0 355.0

