

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073706.D
 Acq On : 25 Jun 2022 13:33
 Operator : VA/SY
 Sample : N3502-06
 Misc : 4.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-43-LC

Quant Time: Jun 27 09:36:47 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)

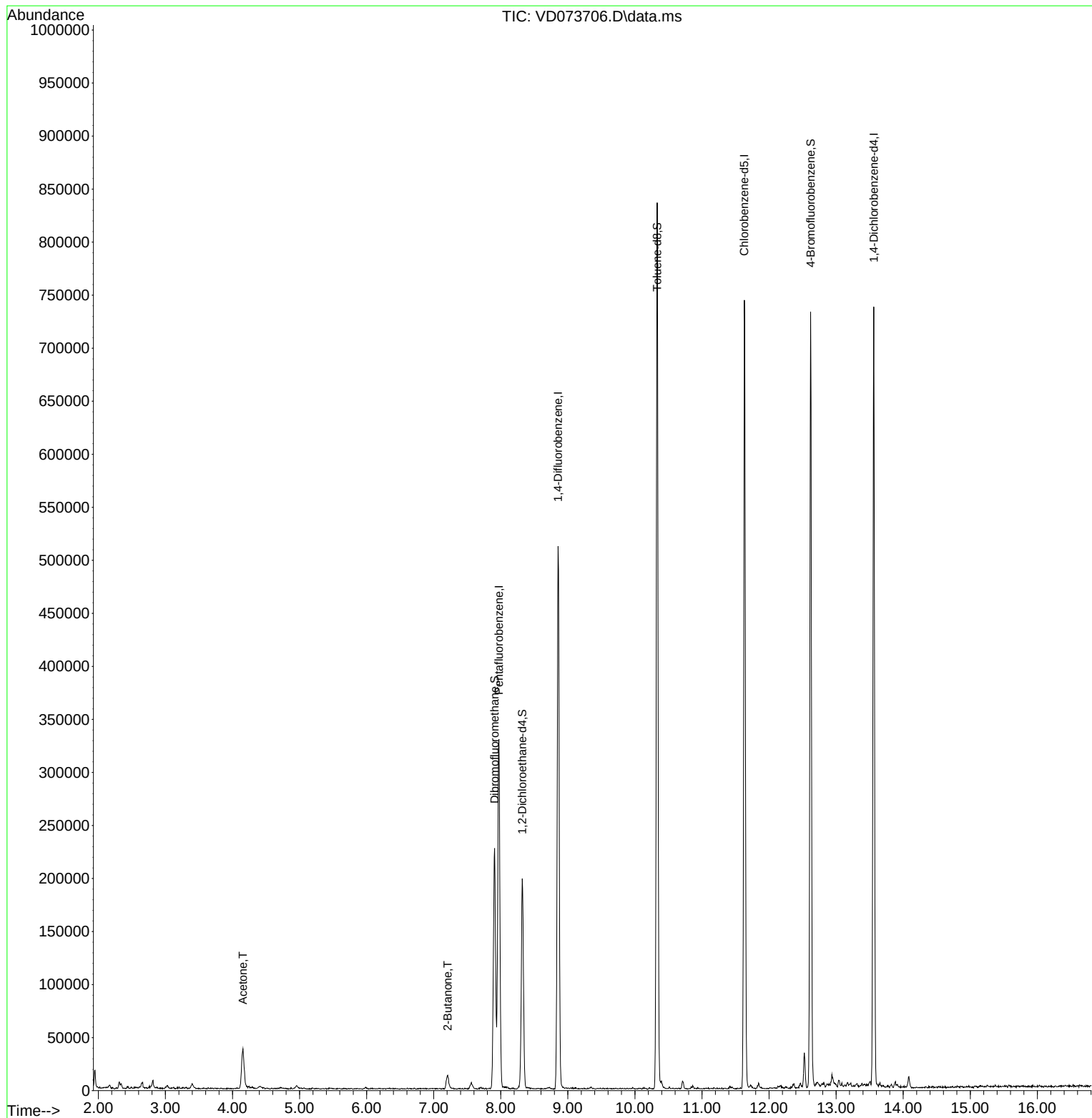
Internal Standards						
1) Pentafluorobenzene	7.973	168	242436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	450477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	434856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	196878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	160804	54.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.000%
35) Dibromofluoromethane	7.908	113	157358	44.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.680%
50) Toluene-d8	10.332	98	543669	43.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.300%
62) 4-Bromofluorobenzene	12.620	95	196282	41.534	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.060%
Target Compounds						Qvalue
16) Acetone	4.156	43	66116	134.528	ug/l	97
25) 2-Butanone	7.208	43	19545	26.046	ug/l	99

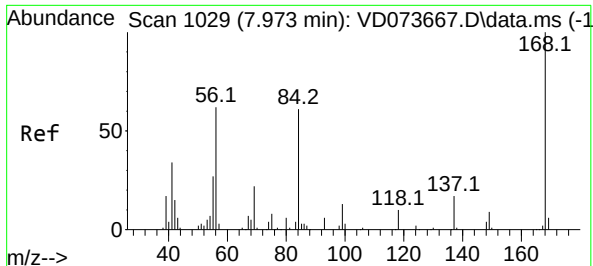
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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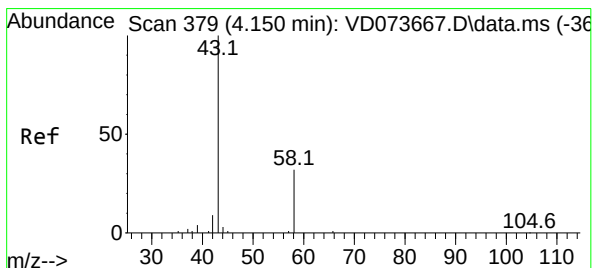
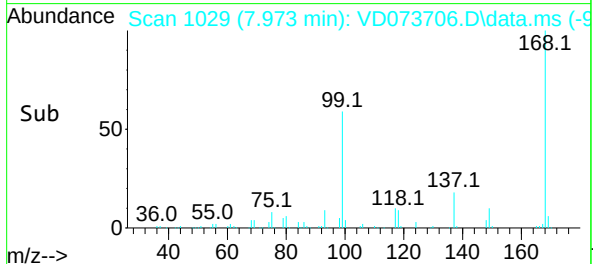
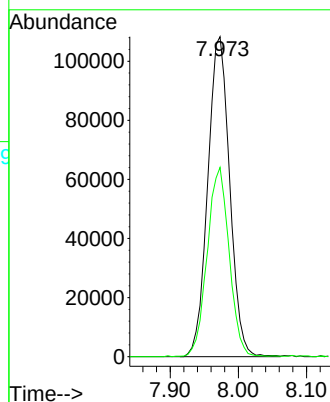
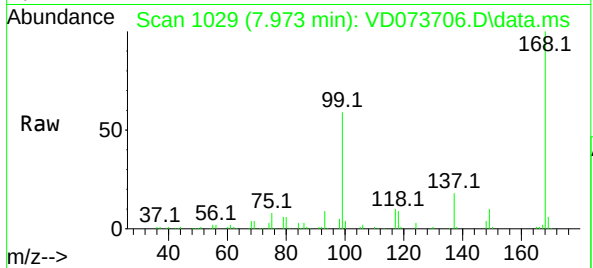




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

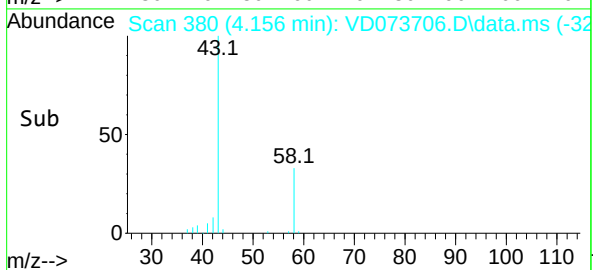
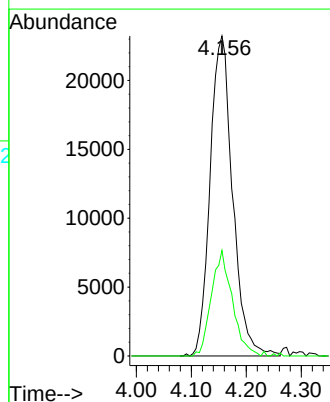
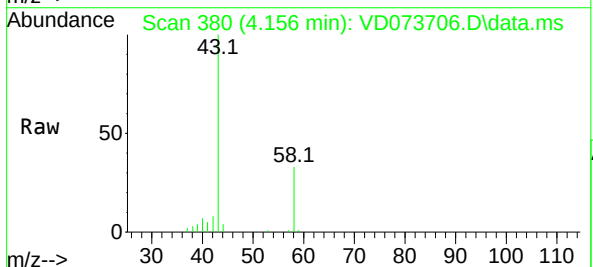
Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

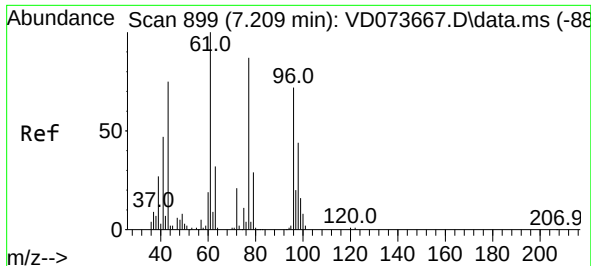
Tgt Ion:168 Resp: 242436
Ion Ratio Lower Upper
168 100
99 59.0 46.4 69.6



#16
Acetone
Concen: 134.528 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

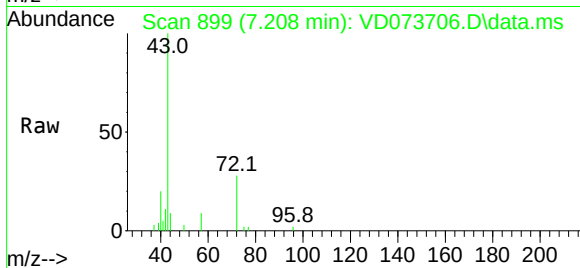
Tgt Ion: 43 Resp: 66116
Ion Ratio Lower Upper
43 100
58 33.0 25.2 37.8



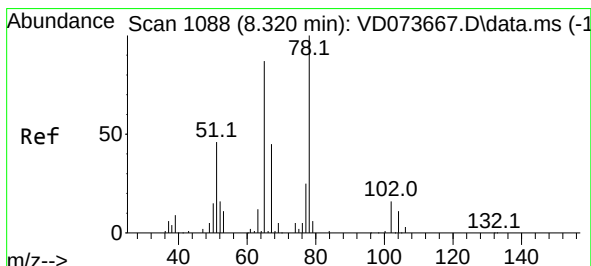
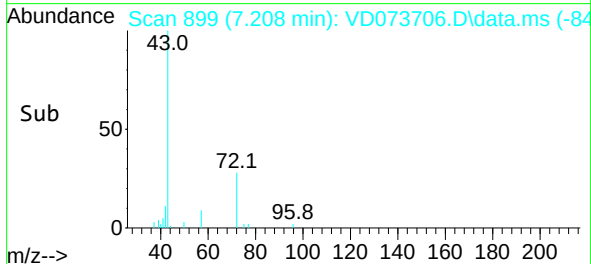
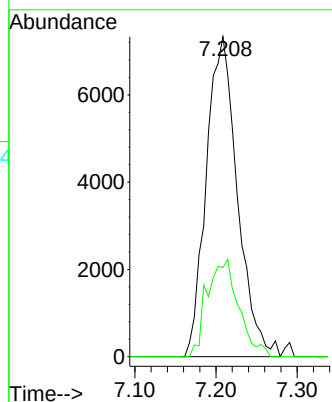


#25
2-Butanone
Concen: 26.046 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

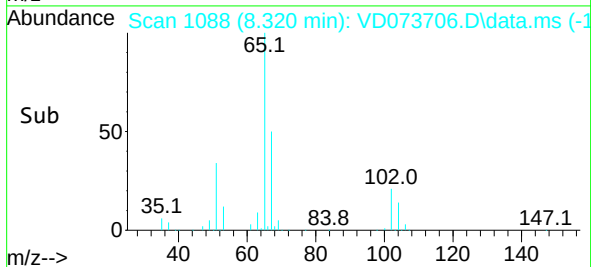
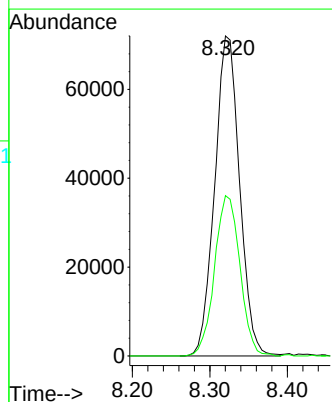
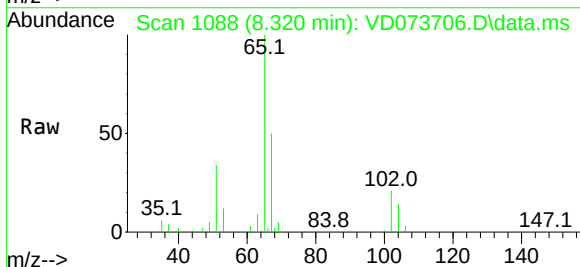


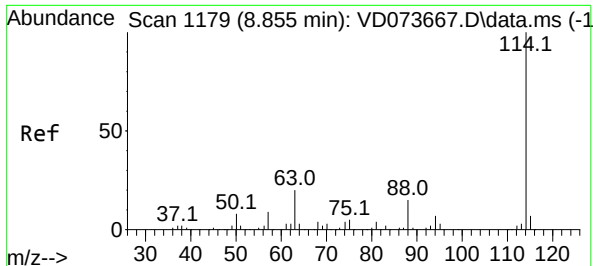
Tgt Ion: 43 Resp: 19545
Ion Ratio Lower Upper
43 100
72 27.8 22.6 33.8



#33
1,2-Dichloroethane-d4
Concen: 54.004 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Tgt Ion: 65 Resp: 160804
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073706.D

Acq: 25 Jun 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

D-43-LC

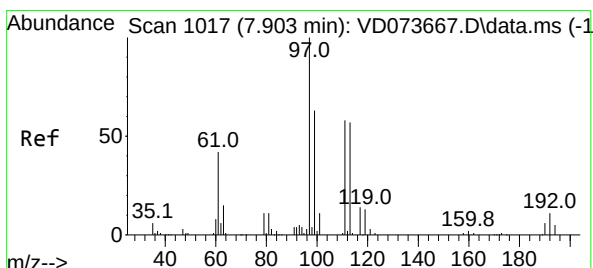
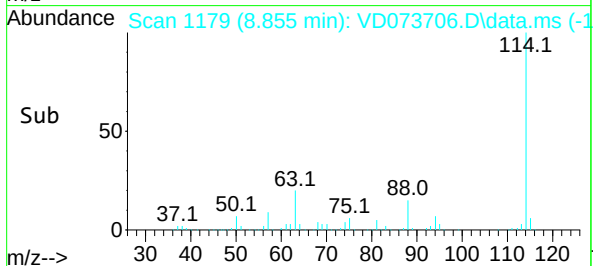
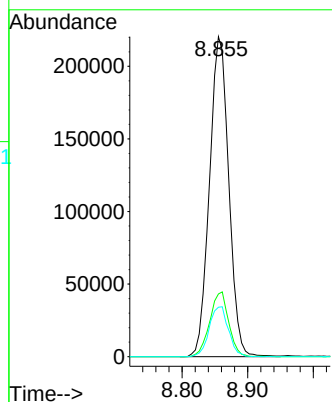
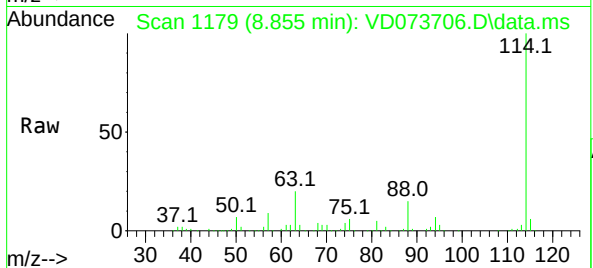
Tgt Ion:114 Resp: 450477

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 44.841 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073706.D

Acq: 25 Jun 2022 13:33

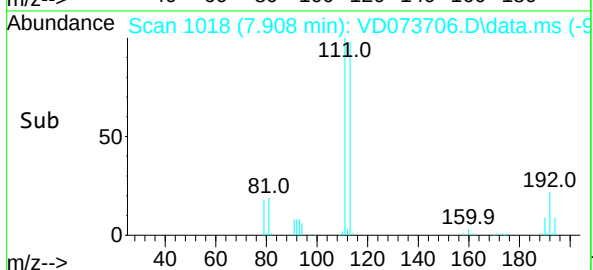
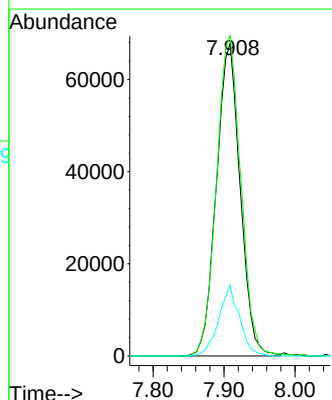
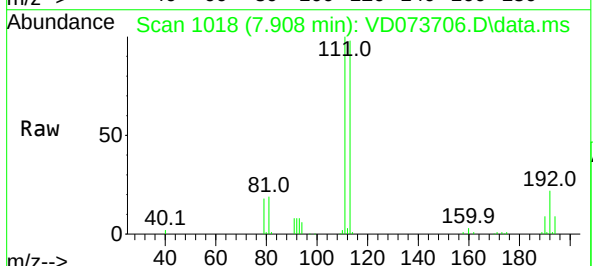
Tgt Ion:113 Resp: 157358

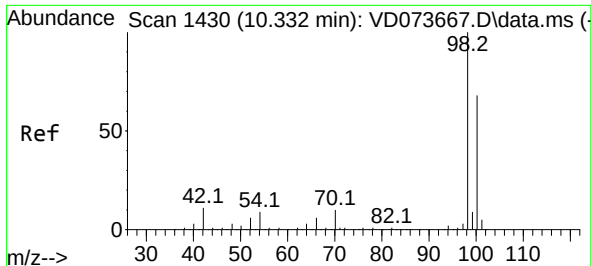
Ion Ratio Lower Upper

113 100

111 105.2 81.8 122.6

192 19.9 14.8 22.2

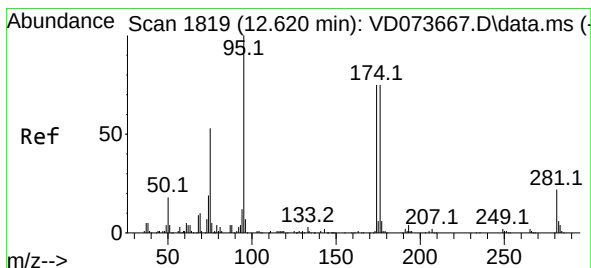
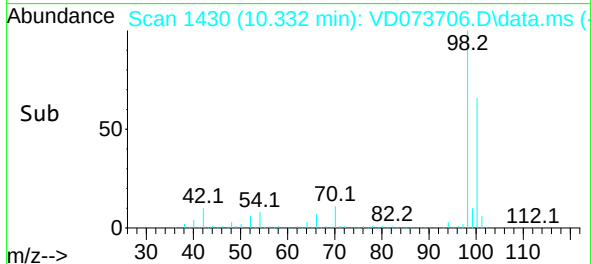
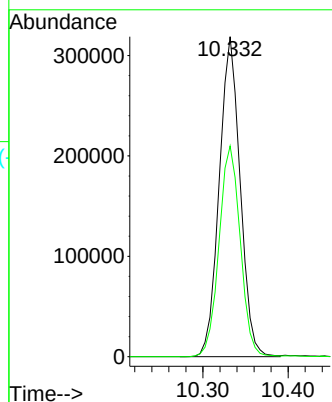
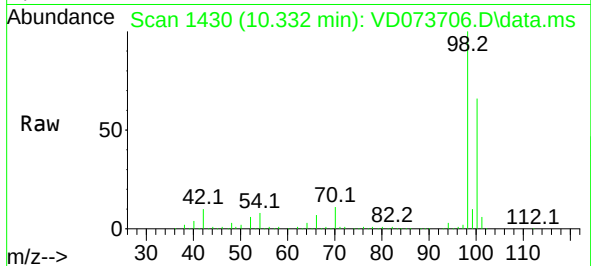




#50
Toluene-d8
Concen: 43.148 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

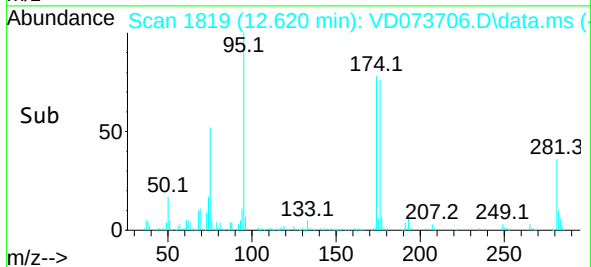
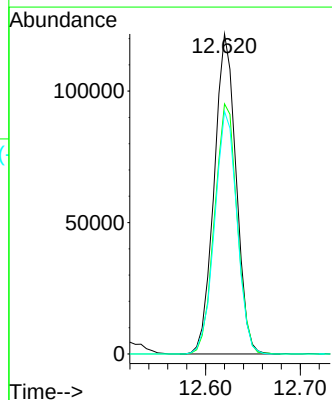
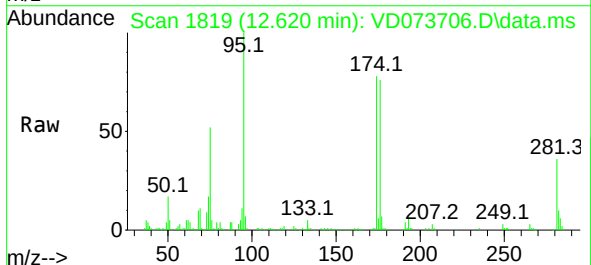
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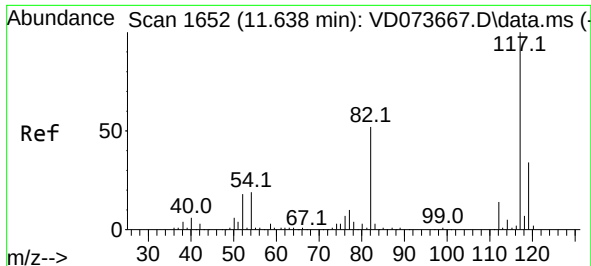
Tgt Ion: 98 Resp: 543669
Ion Ratio Lower Upper
98 100
100 66.8 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 41.534 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Tgt Ion: 95 Resp: 196282
Ion Ratio Lower Upper
95 100
174 80.0 0.0 158.4
176 77.0 0.0 154.8

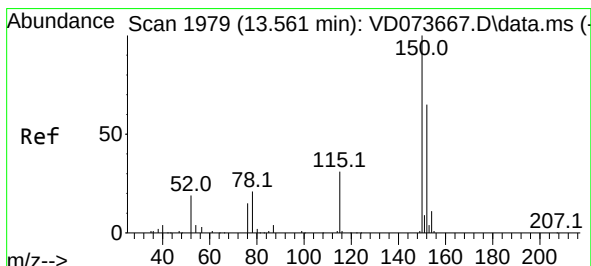
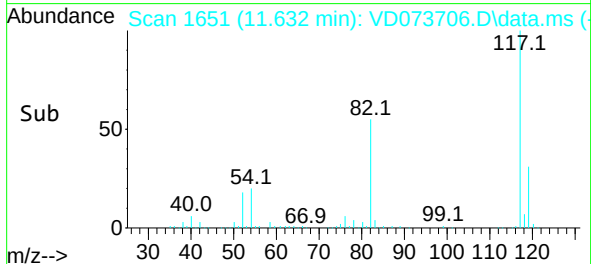
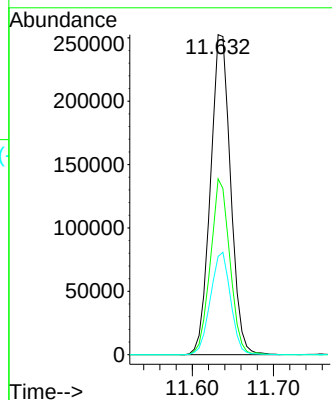
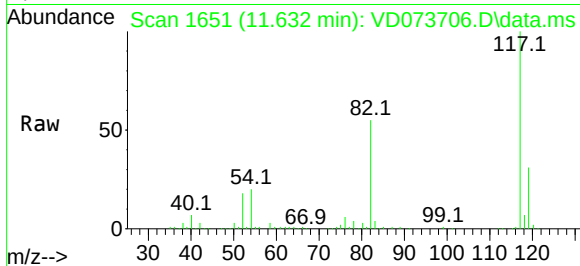




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073706.D
Acq: 25 Jun 2022 13:33

Instrument :
MSVOA_D
ClientSampleId :
D-43-LC

Tgt Ion:117 Resp: 434856
Ion Ratio Lower Upper
117 100
82 55.0 41.5 62.3
119 30.7 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: VD073706.D
Acq: 25 Jun 2022 13:33

Tgt Ion:152 Resp: 196878
Ion Ratio Lower Upper
152 100
115 61.3 30.6 91.6
150 158.1 0.0 355.0

