

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073696.D
 Acq On : 24 Jun 2022 19:24
 Operator : VA/SY
 Sample : N3502-02
 Misc : 4.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-46-LC

Quant Time: Jun 25 07:24:10 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)

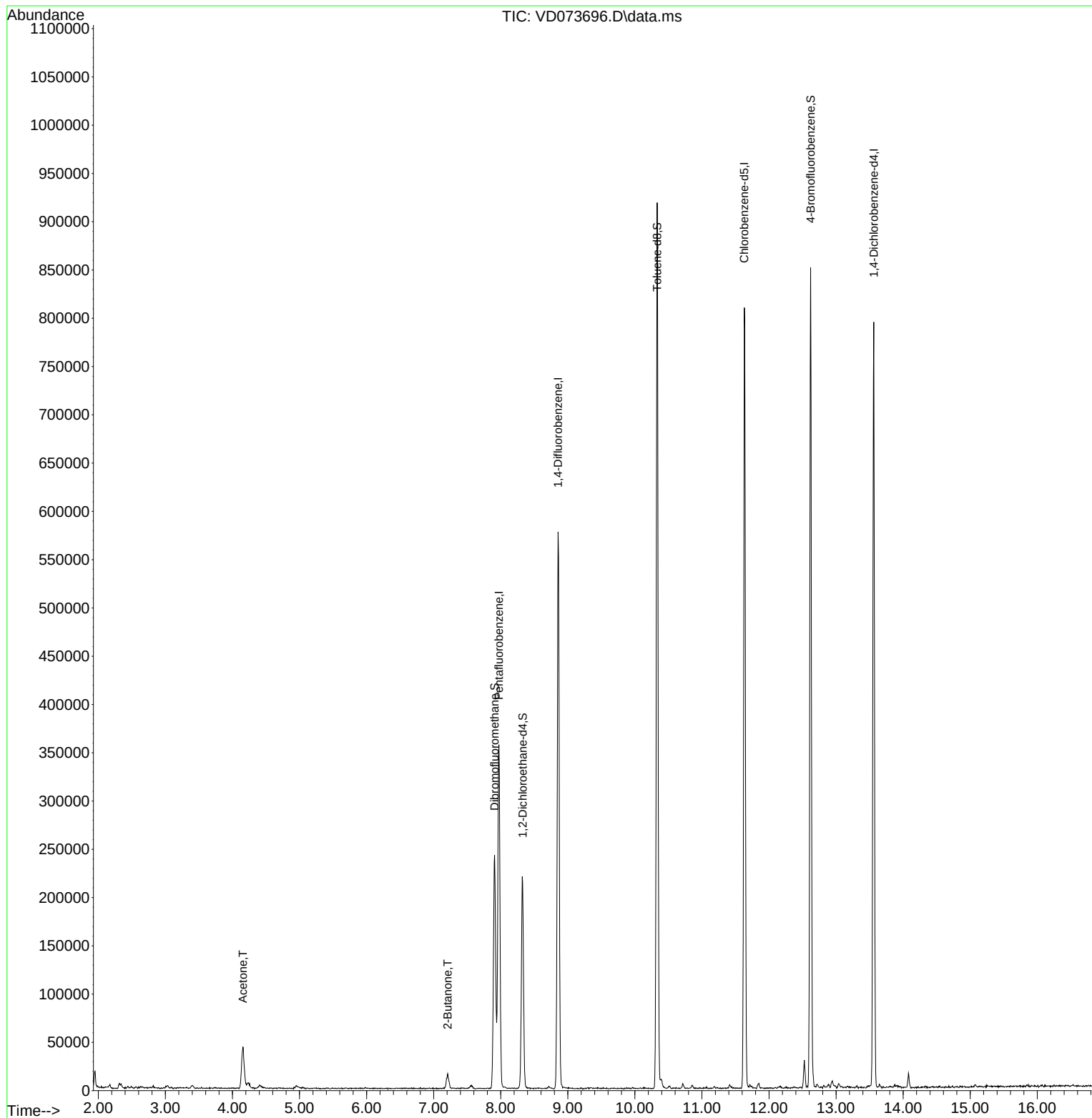
Internal Standards						
1) Pentafluorobenzene	7.973	168	264178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	506554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	479670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	221705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	170650	52.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.180%
35) Dibromofluoromethane	7.909	113	173368	43.934	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.860%
50) Toluene-d8	10.332	98	617253	43.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.140%
62) 4-Bromofluorobenzene	12.620	95	217967	41.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.040%
Target Compounds						
16) Acetone	4.156	43	74774	139.917	ug/l	96
25) 2-Butanone	7.209	43	23256	28.441	ug/l	99

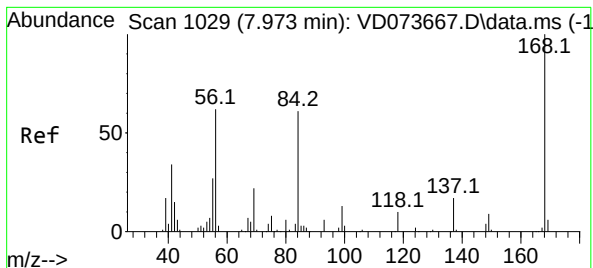
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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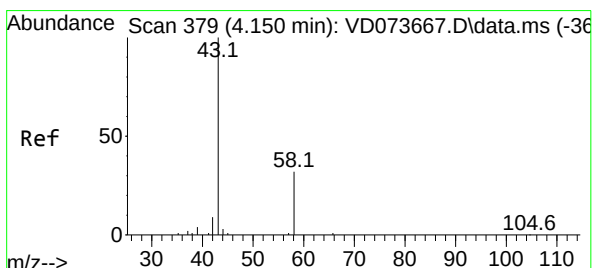
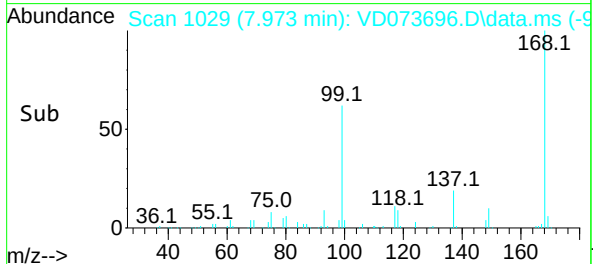
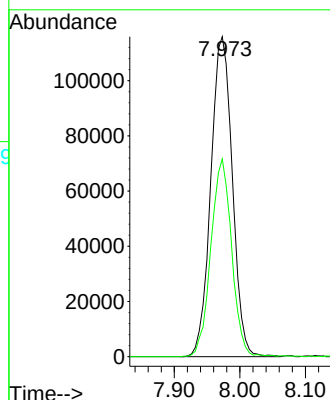
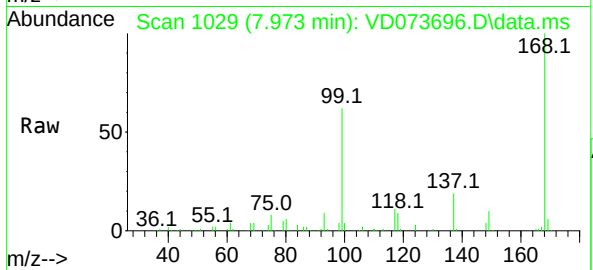




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073696.D
Acq: 24 Jun 2022 19:24

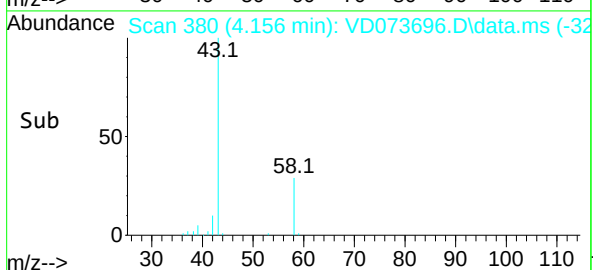
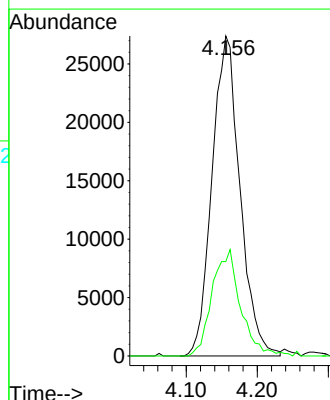
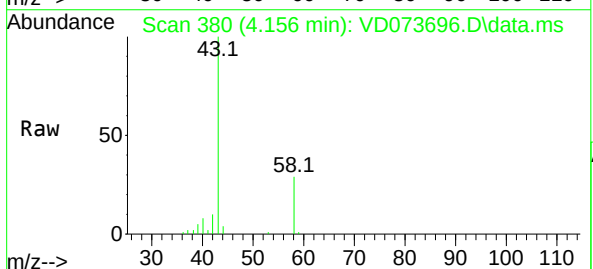
Instrument :
MSVOA_D
ClientSampleId :
D-46-LC

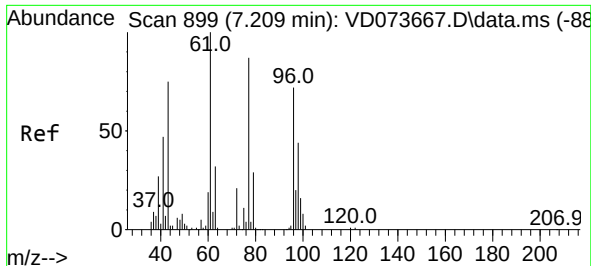
Tgt Ion:168 Resp: 264178
Ion Ratio Lower Upper
168 100
99 61.8 46.4 69.6



#16
Acetone
Concen: 139.917 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073696.D
Acq: 24 Jun 2022 19:24

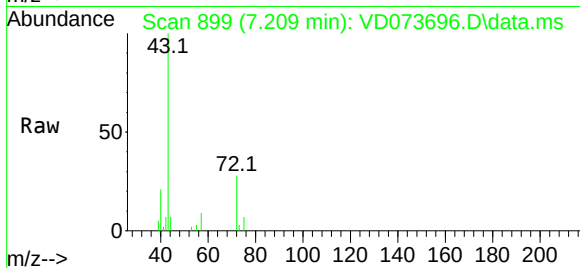
Tgt Ion: 43 Resp: 74774
Ion Ratio Lower Upper
43 100
58 29.5 25.2 37.8



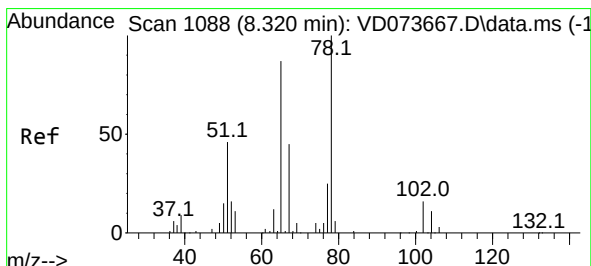
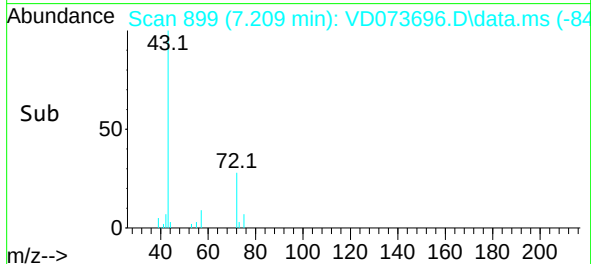
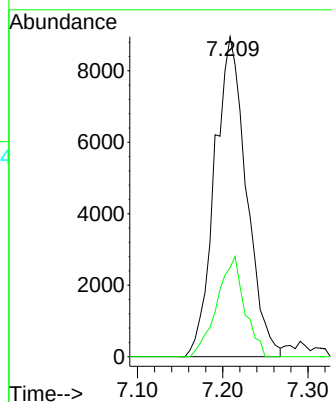


#25
2-Butanone
Concen: 28.441 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073696.D
Acq: 24 Jun 2022 19:24

Instrument :
MSVOA_D
ClientSampleId :
D-46-LC

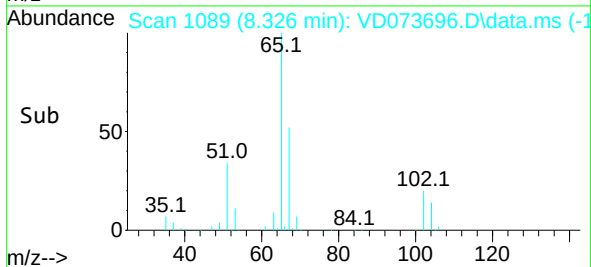
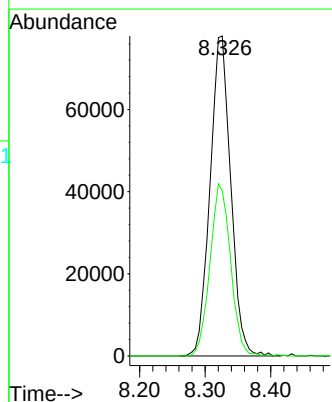
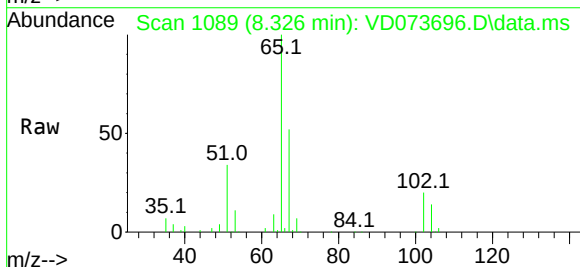


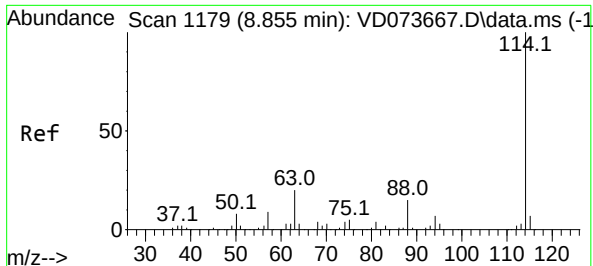
Tgt Ion: 43 Resp: 23256
Ion Ratio Lower Upper
43 100
72 27.9 22.6 33.8



#33
1,2-Dichloroethane-d4
Concen: 52.594 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073696.D
Acq: 24 Jun 2022 19:24

Tgt Ion: 65 Resp: 170650
Ion Ratio Lower Upper
65 100
67 53.4 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: VD073696.D

Acq: 24 Jun 2022 19:24

Instrument :

MSVOA_D

ClientSampleId :

D-46-LC

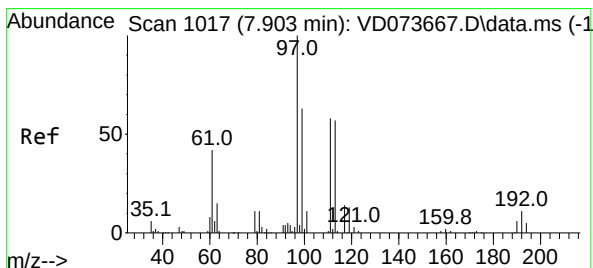
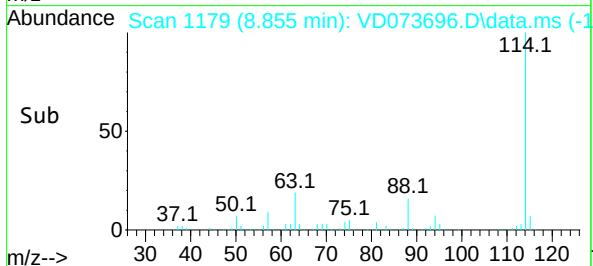
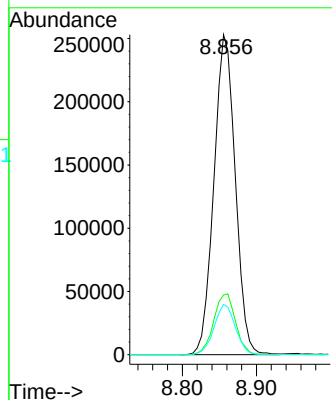
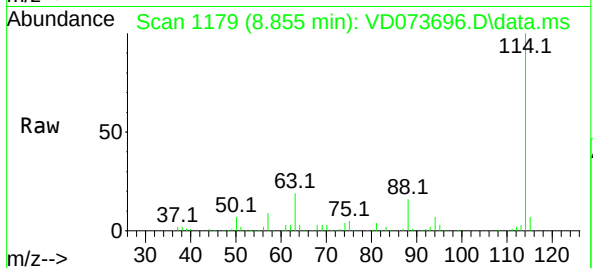
Tgt Ion:114 Resp: 506554

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

88 15.7 0.0 29.4



#35

Dibromofluoromethane

Concen: 43.934 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073696.D

Acq: 24 Jun 2022 19:24

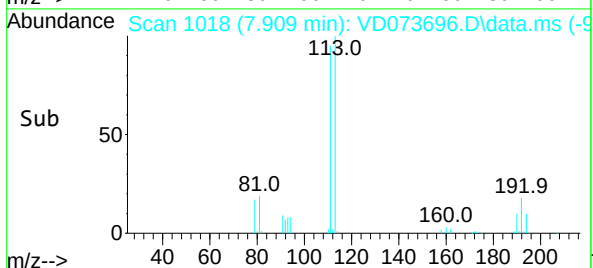
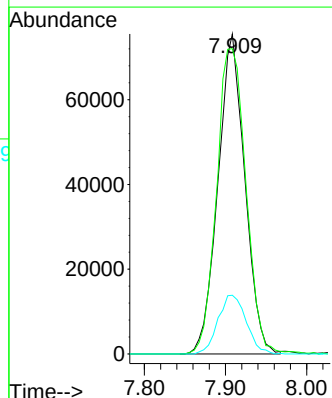
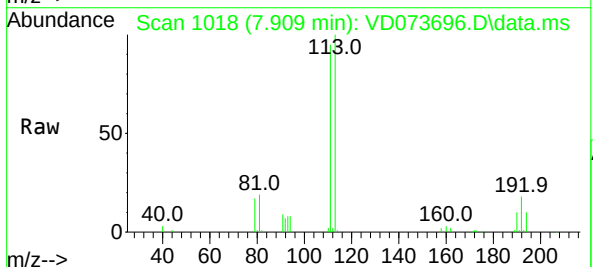
Tgt Ion:113 Resp: 173368

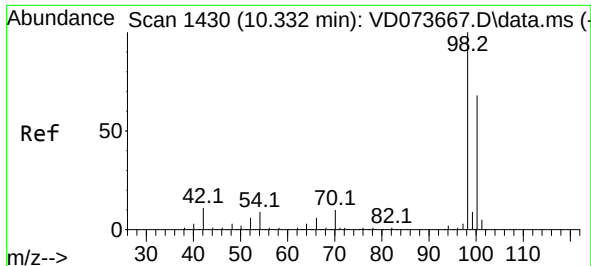
Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.6

192 19.3 14.8 22.2

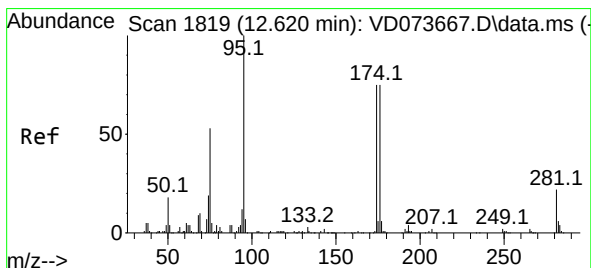
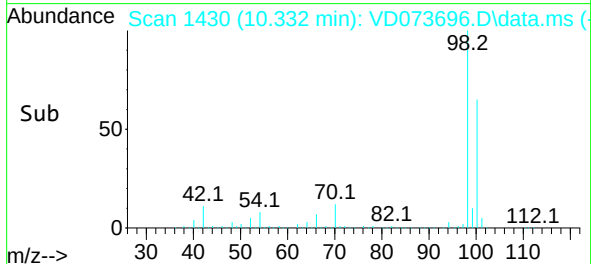
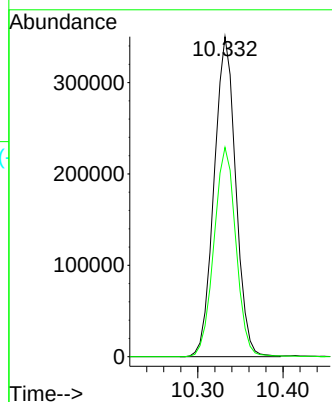
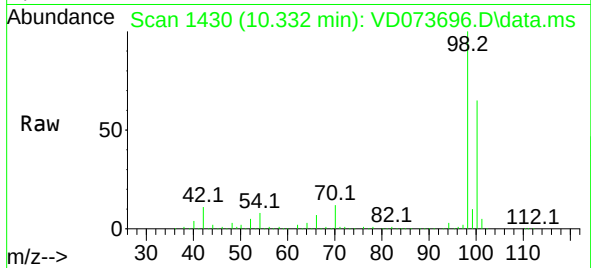




#50
Toluene-d8
Concen: 43.565 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073696.D
Acq: 24 Jun 2022 19:24

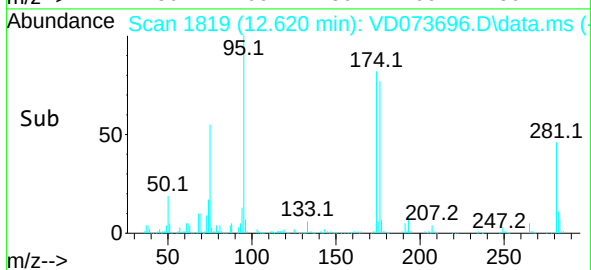
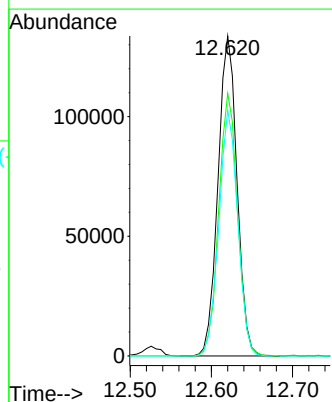
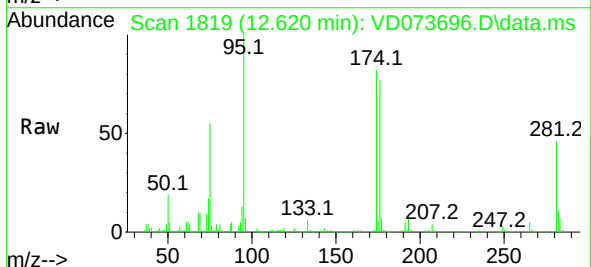
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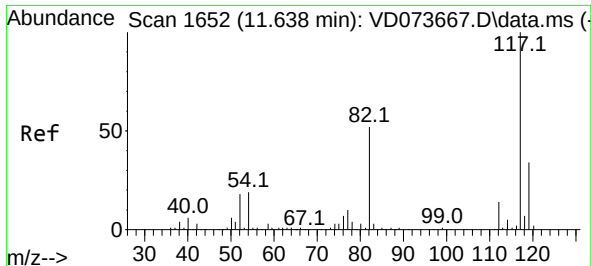
Tgt Ion: 98 Resp: 617253
Ion Ratio Lower Upper
98 100
100 66.5 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 41.017 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073696.D
Acq: 24 Jun 2022 19:24

Tgt Ion: 95 Resp: 217967
Ion Ratio Lower Upper
95 100
174 81.1 0.0 158.4
176 76.2 0.0 154.8

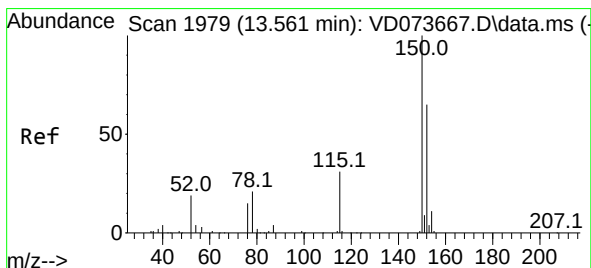
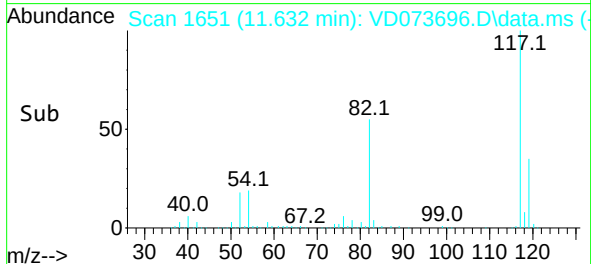
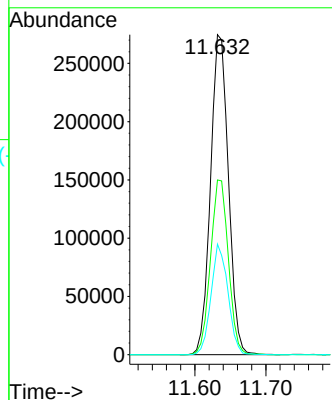
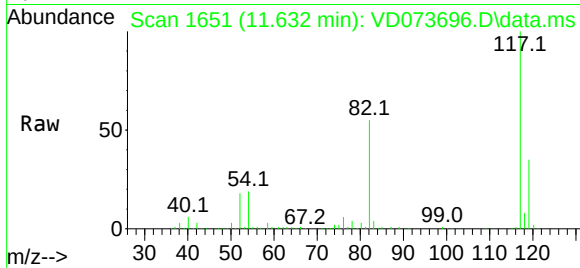




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073696.D
Acq: 24 Jun 2022 19:24

Instrument :
MSVOA_D
ClientSampleId :
D-46-LC

Tgt Ion:117 Resp: 479670
Ion Ratio Lower Upper
117 100
82 54.6 41.5 62.3
119 34.6 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: VD073696.D
Acq: 24 Jun 2022 19:24

Tgt Ion:152 Resp: 221705
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 154.5 0.0 355.0

