

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073697.D
 Acq On : 24 Jun 2022 19:53
 Operator : VA/SY
 Sample : N3502-03
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-42-UC

Quant Time: Jun 25 07:24:28 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)

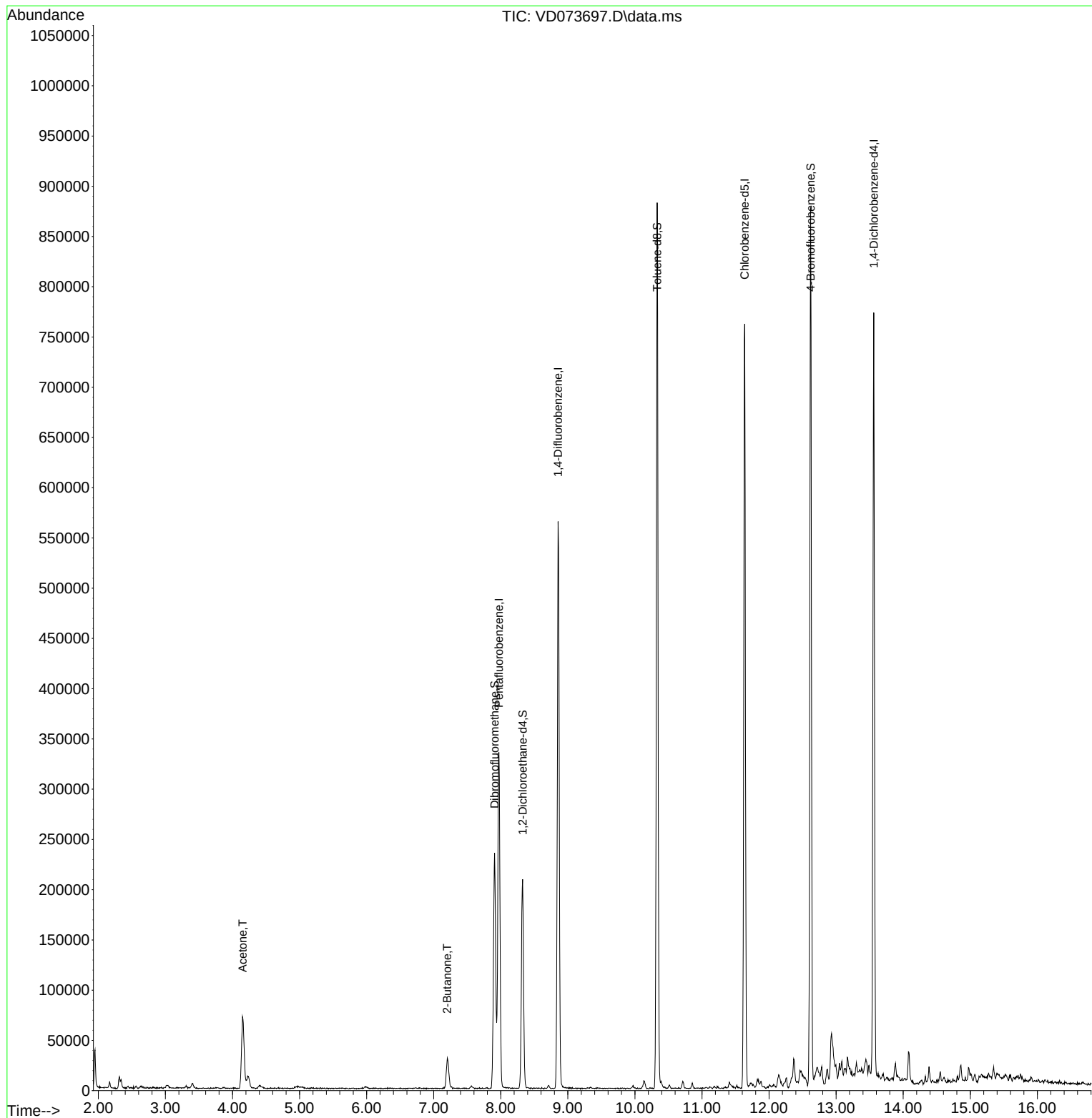
Internal Standards						
1) Pentafluorobenzene	7.973	168	252856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	482969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	454409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	203020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166344	53.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.120%
35) Dibromofluoromethane	7.908	113	168612	44.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.640%
50) Toluene-d8	10.331	98	579346	42.887	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.780%
62) 4-Bromofluorobenzene	12.620	95	211274	41.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.400%
Target Compounds						
						Qvalue
16) Acetone	4.149	43	126066	252.356	ug/l	95
25) 2-Butanone	7.202	43	49676	63.472	ug/l	98

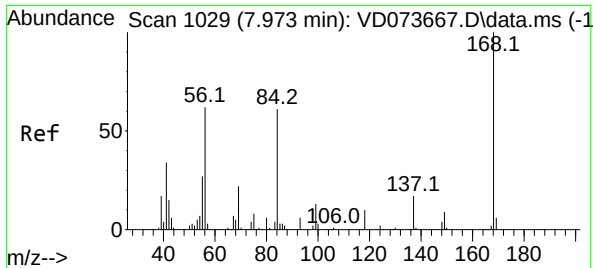
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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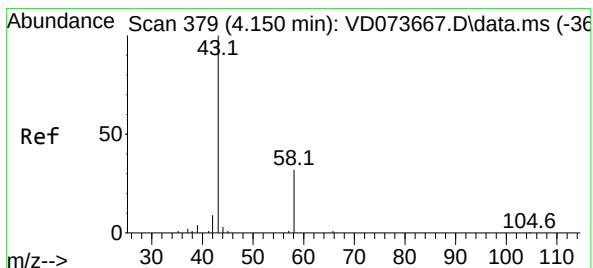
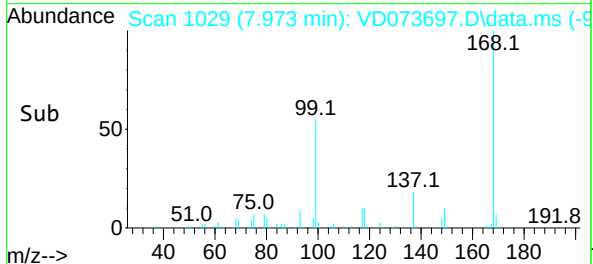
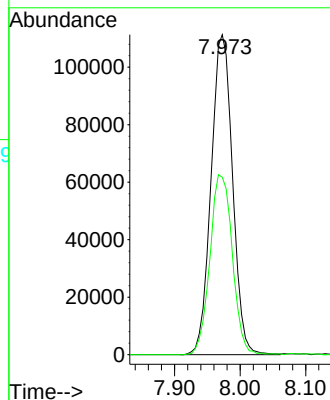
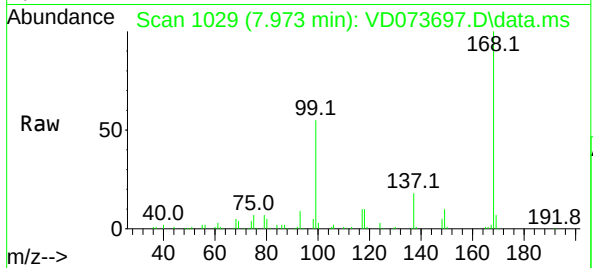




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073697.D
Acq: 24 Jun 2022 19:53

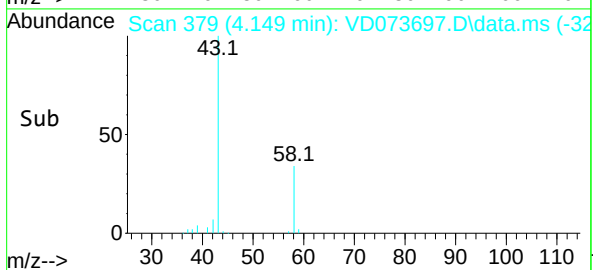
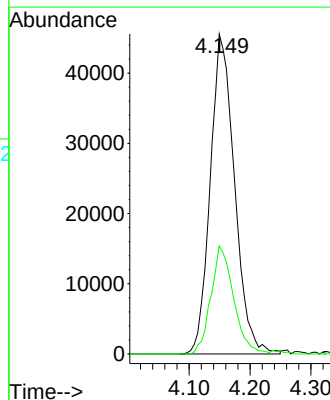
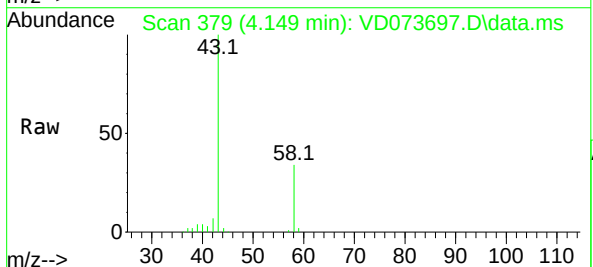
Instrument :
MSVOA_D
ClientSampleId :
D-42-UC

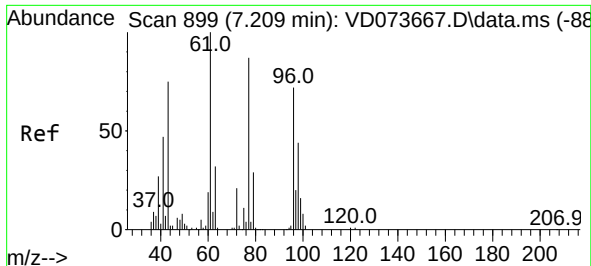
Tgt Ion:168 Resp: 252856
Ion Ratio Lower Upper
168 100
99 55.4 46.4 69.6



#16
Acetone
Concen: 252.356 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.001 min
Lab File: VD073697.D
Acq: 24 Jun 2022 19:53

Tgt Ion: 43 Resp: 126066
Ion Ratio Lower Upper
43 100
58 34.1 25.2 37.8

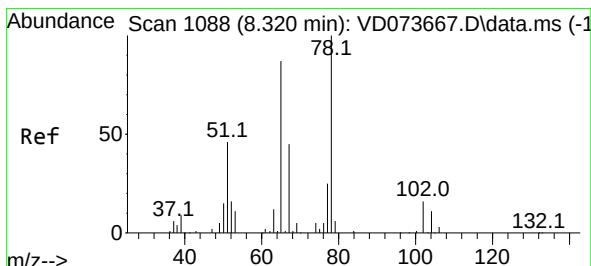
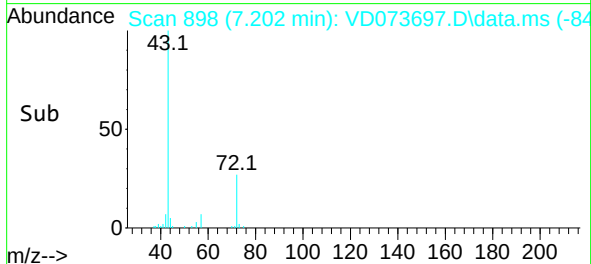
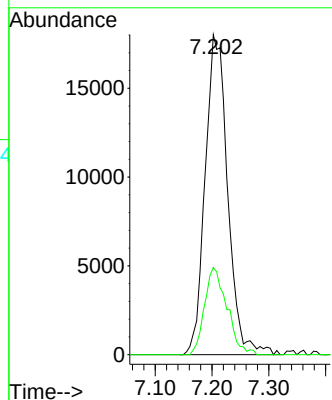
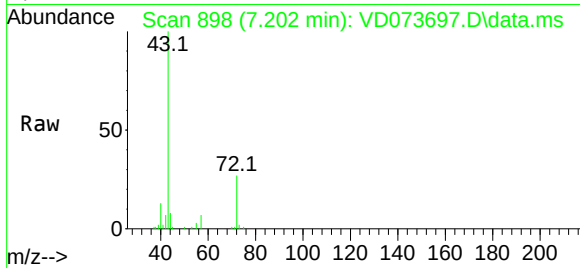




#25
2-Butanone
Concen: 63.472 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073697.D
Acq: 24 Jun 2022 19:53

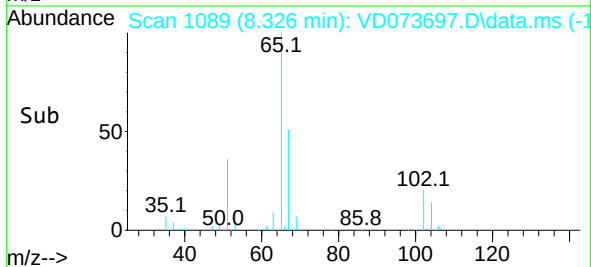
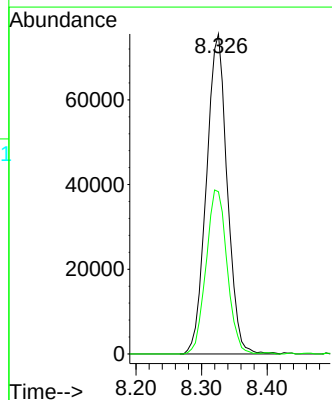
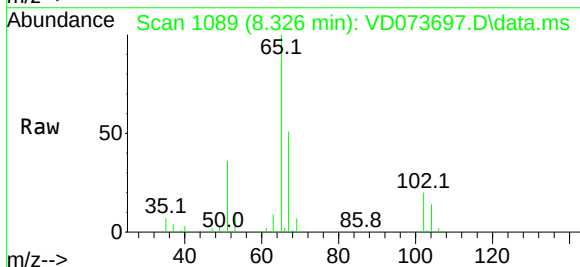
Instrument :
MSVOA_D
ClientSampleId :
D-42-UC

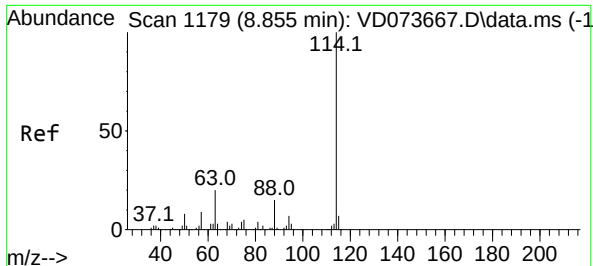
Tgt Ion: 43 Resp: 49676
Ion Ratio Lower Upper
43 100
72 27.2 22.6 33.8



#33
1,2-Dichloroethane-d4
Concen: 53.562 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.005 min
Lab File: VD073697.D
Acq: 24 Jun 2022 19:53

Tgt Ion: 65 Resp: 166344
Ion Ratio Lower Upper
65 100
67 52.0 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: VD073697.D

Acq: 24 Jun 2022 19:53

Instrument :

MSVOA_D

ClientSampleId :

D-42-UC

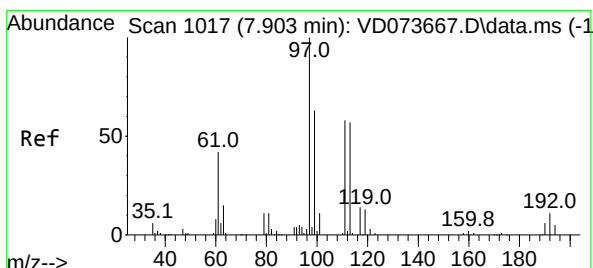
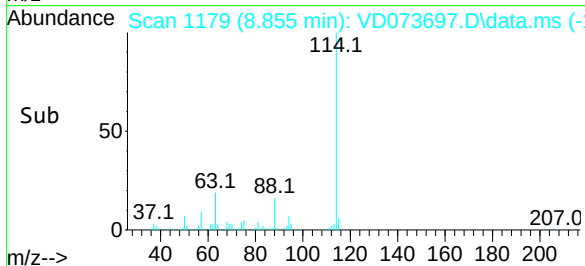
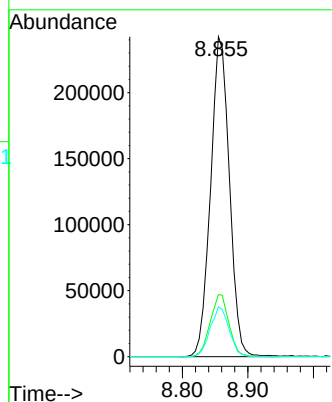
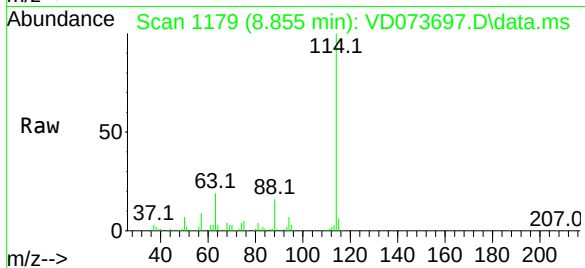
Tgt Ion:114 Resp: 482969

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

88 15.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 44.816 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD073697.D

Acq: 24 Jun 2022 19:53

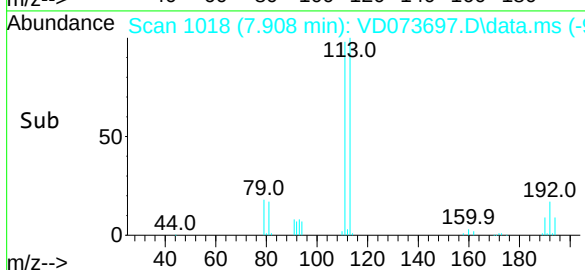
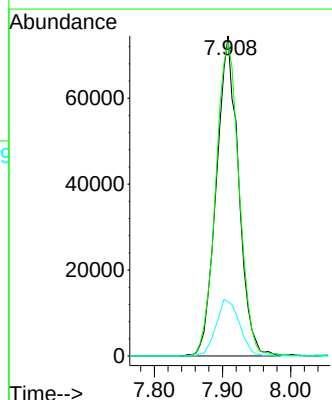
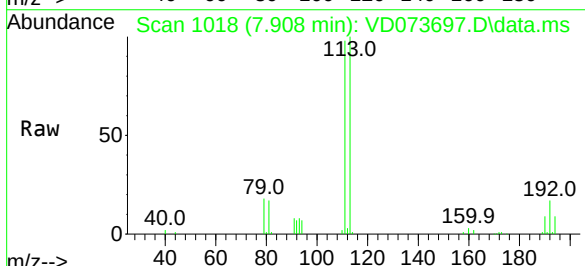
Tgt Ion:113 Resp: 168612

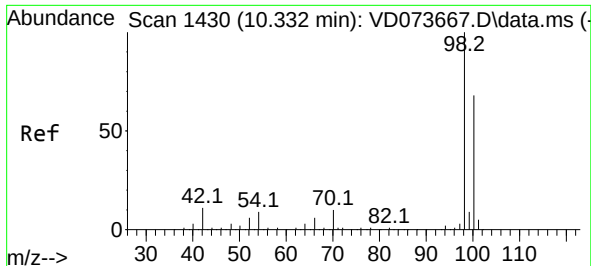
Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

192 18.7 14.8 22.2

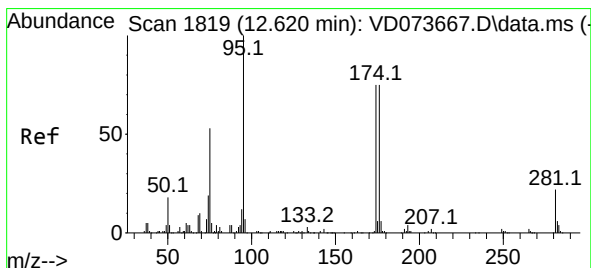
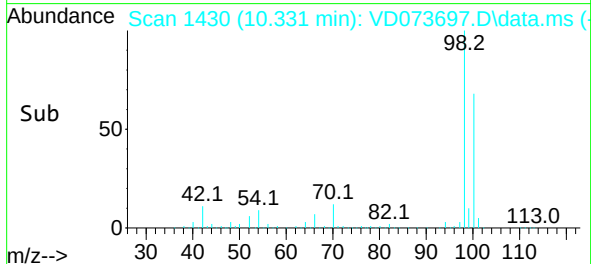
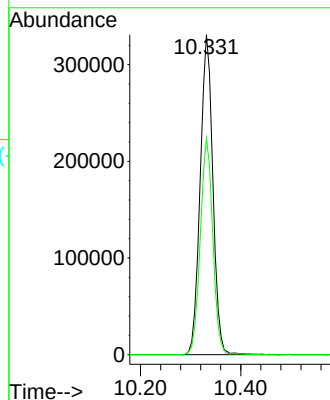
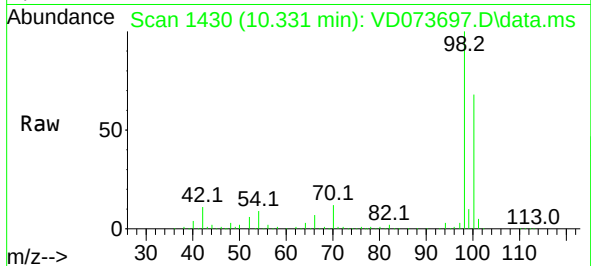




#50
Toluene-d8
Concen: 42.887 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073697.D
Acq: 24 Jun 2022 19:53

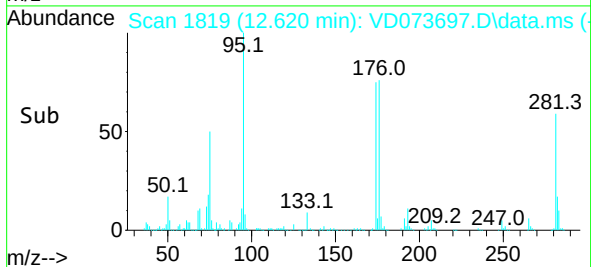
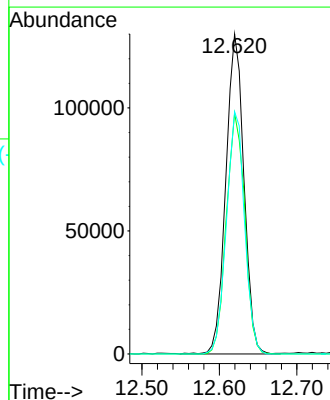
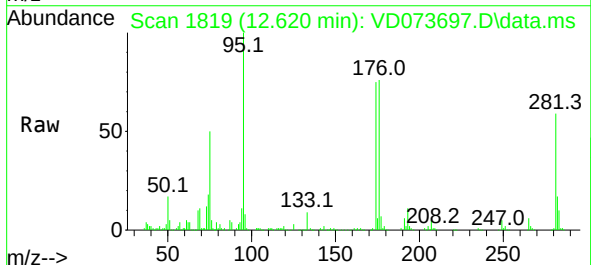
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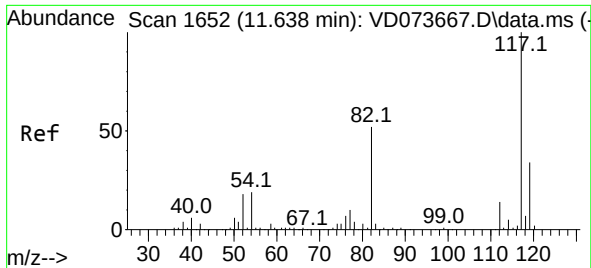
Tgt Ion: 98 Resp: 579346
Ion Ratio Lower Upper
98 100
100 66.9 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 41.699 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073697.D
Acq: 24 Jun 2022 19:53

Tgt Ion: 95 Resp: 211274
Ion Ratio Lower Upper
95 100
174 76.4 0.0 158.4
176 75.8 0.0 154.8

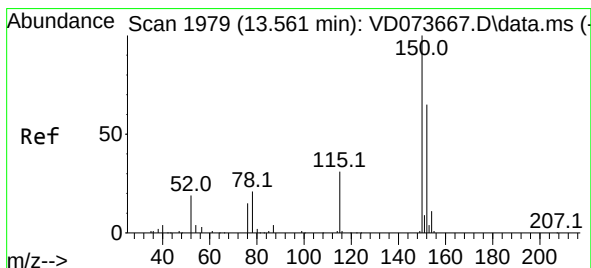
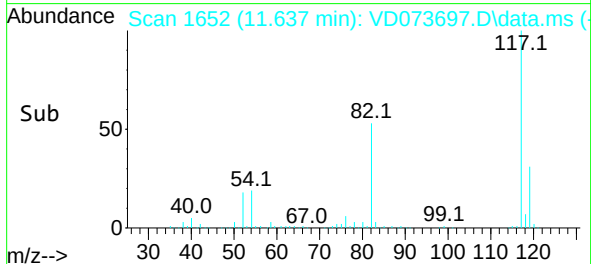
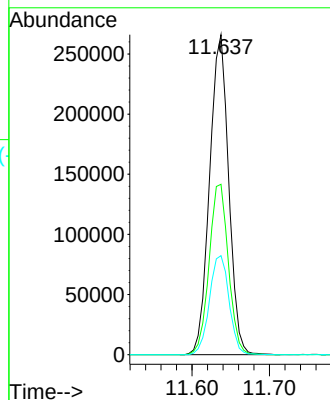
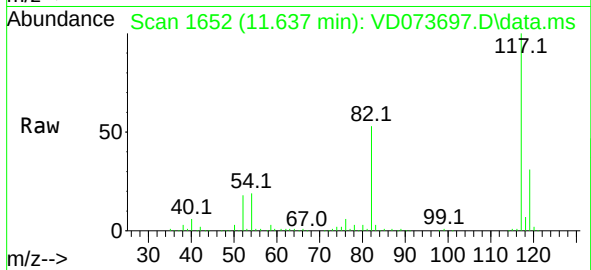




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073697.D
Acq: 24 Jun 2022 19:53

Instrument :
MSVOA_D
ClientSampleId :
D-42-UC

Tgt Ion:117 Resp: 454409
Ion Ratio Lower Upper
117 100
82 53.3 41.5 62.3
119 30.9 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: VD073697.D
Acq: 24 Jun 2022 19:53

Tgt Ion:152 Resp: 203020
Ion Ratio Lower Upper
152 100
115 60.9 30.6 91.6
150 158.2 0.0 355.0

