

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073619.D
 Acq On : 16 Jun 2022 16:02
 Operator : VA/SY
 Sample : N3305-04
 Misc : 7.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-107-(9-10)

Quant Time: Jun 17 01:05:55 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)

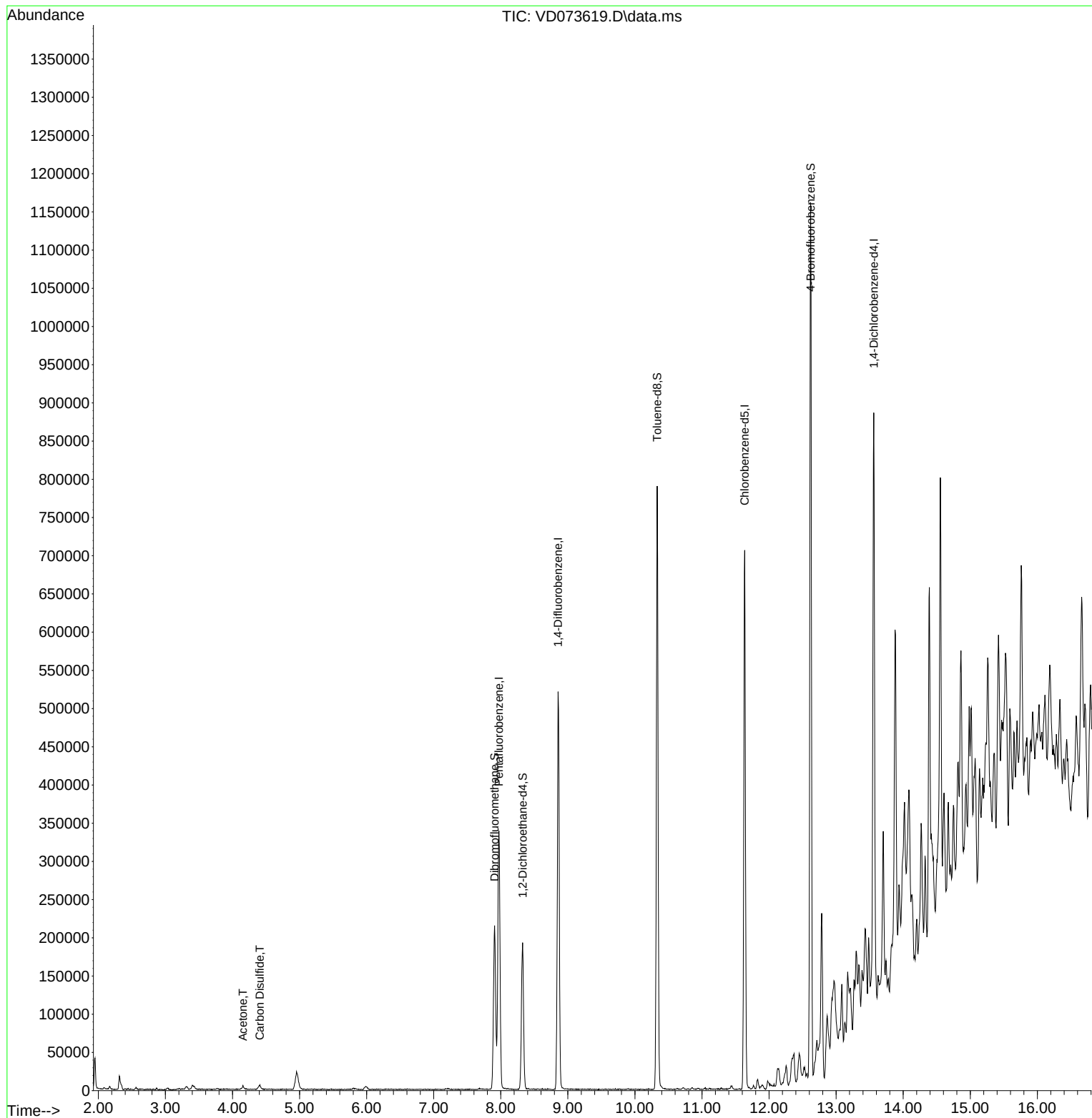
Internal Standards						
1) Pentafluorobenzene	7.973	168	250461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	438185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	407681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	216882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156407	58.192	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery =		116.380%
35) Dibromofluoromethane	7.908	113	149480	53.050	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery =		106.100%
50) Toluene-d8	10.332	98	527317	49.498	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery =		99.000%
62) 4-Bromofluorobenzene	12.620	95	205726	53.194	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery =		106.380%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	6152	12.999	ug/l #	75
17) Carbon Disulfide	4.408	76	11360	1.466	ug/l #	74

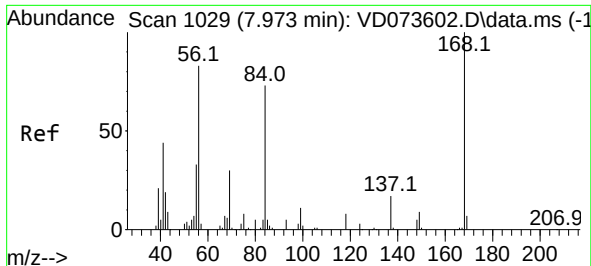
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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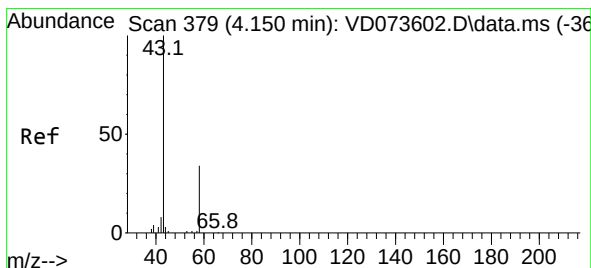
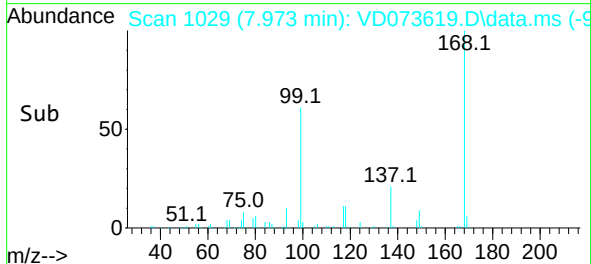
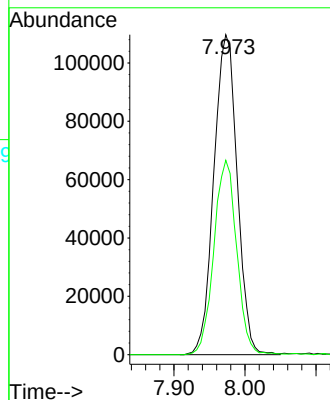
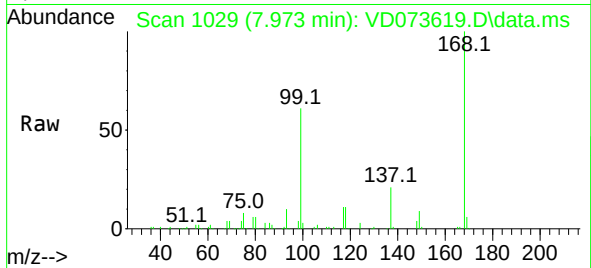




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073619.D
Acq: 16 Jun 2022 16:02

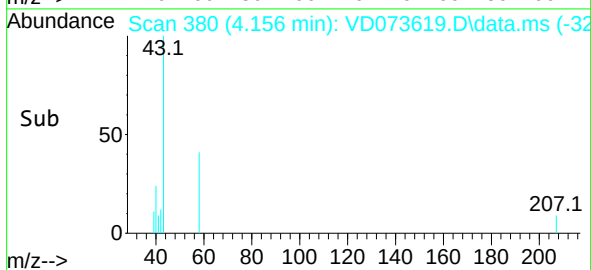
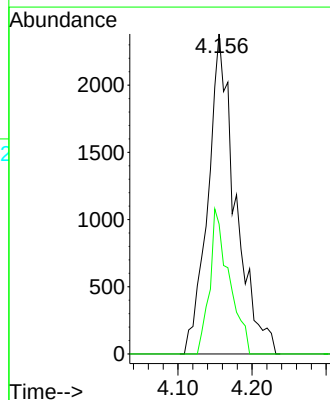
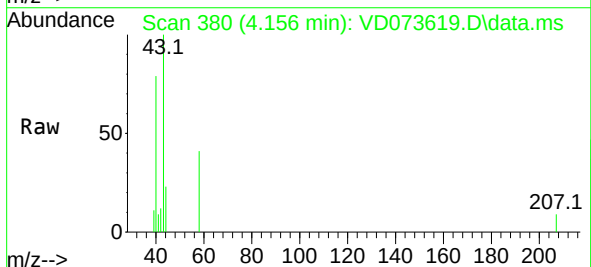
Instrument :
MSVOA_D
ClientSampleId :
B-107-(9-10)

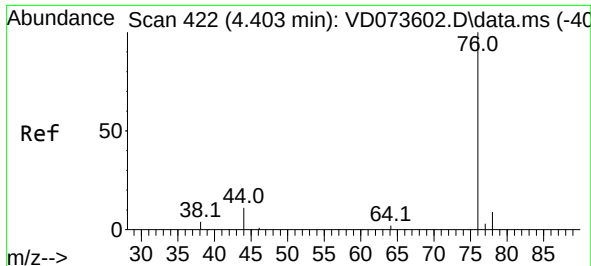
Tgt Ion:168 Resp: 250461
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#16
Acetone
Concen: 12.999 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073619.D
Acq: 16 Jun 2022 16:02

Tgt Ion: 43 Resp: 6152
Ion Ratio Lower Upper
43 100
58 40.6 22.1 33.1#

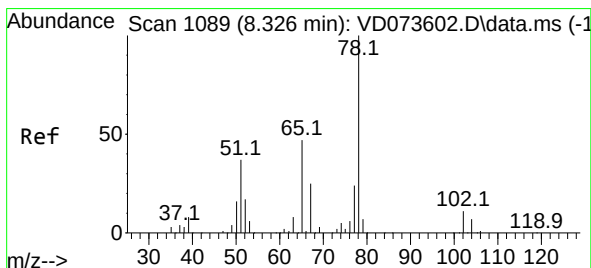
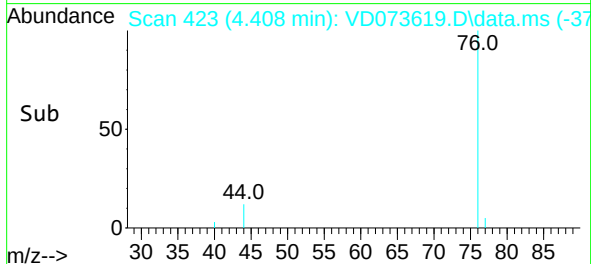
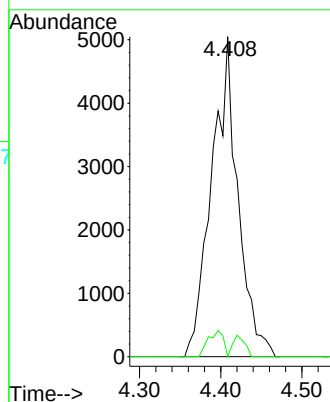
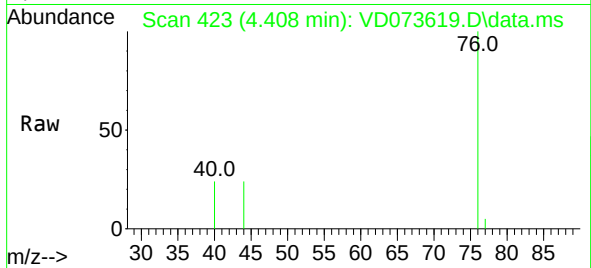




#17
Carbon Disulfide
Concen: 1.466 ug/l
RT: 4.408 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD073619.D
Acq: 16 Jun 2022 16:02

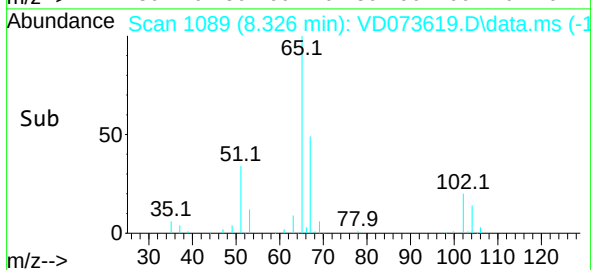
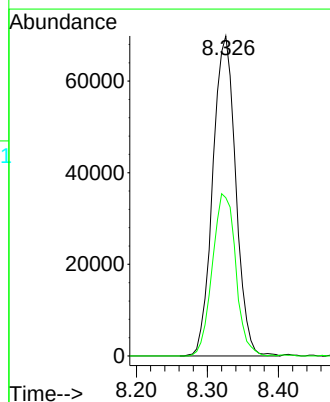
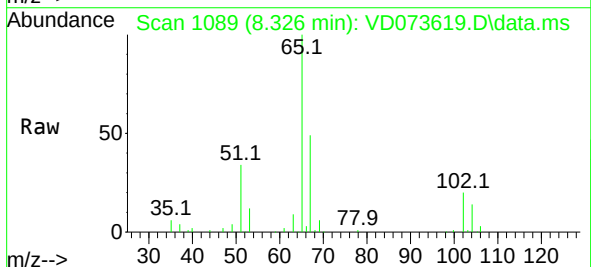
Instrument :
MSVOA_D
ClientSampleId :
B-107-(9-10)

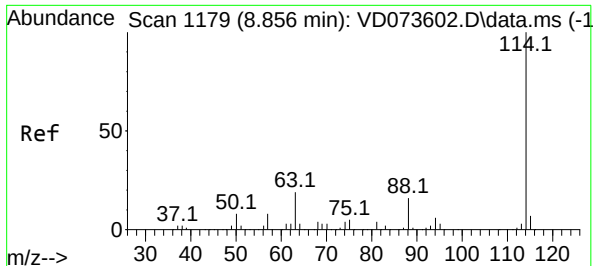
Tgt Ion: 76 Resp: 11360
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 58.192 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073619.D
Acq: 16 Jun 2022 16:02

Tgt Ion: 65 Resp: 156407
Ion Ratio Lower Upper
65 100
67 51.7 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: VD073619.D

Acq: 16 Jun 2022 16:02

Instrument :

MSVOA_D

ClientSampleId :

B-107-(9-10)

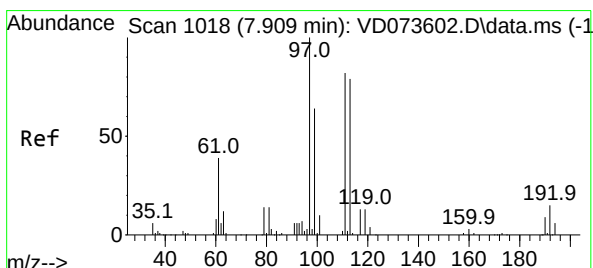
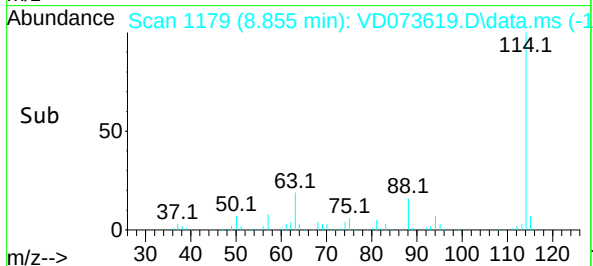
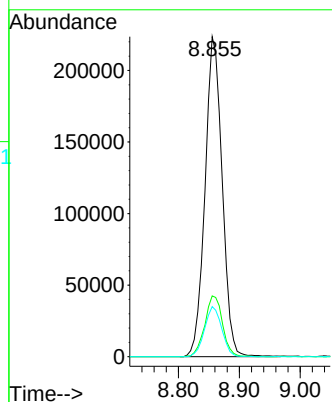
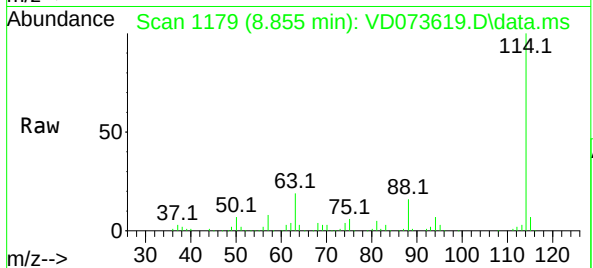
Tgt Ion:114 Resp: 438185

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.050 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073619.D

Acq: 16 Jun 2022 16:02

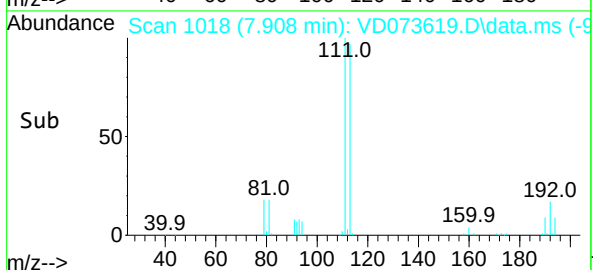
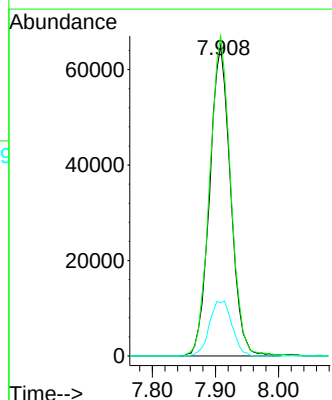
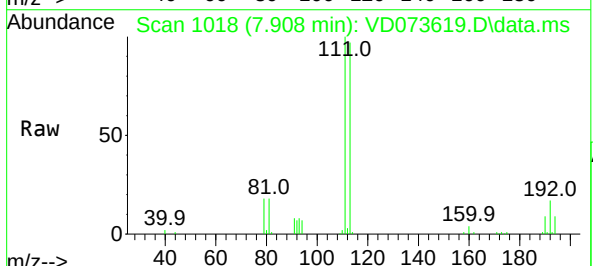
Tgt Ion:113 Resp: 149480

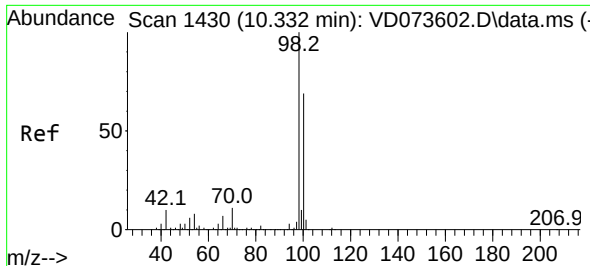
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 19.1 14.6 21.8

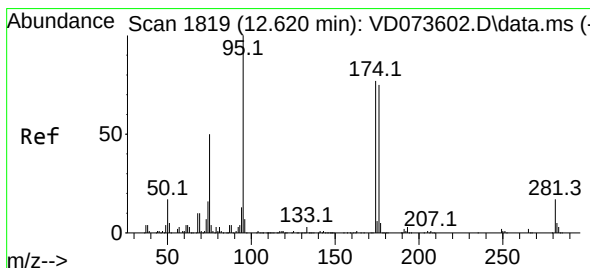
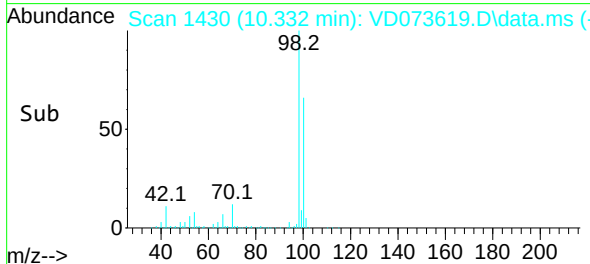
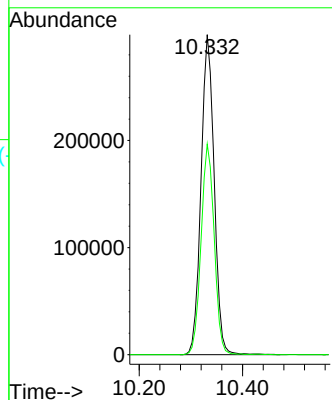
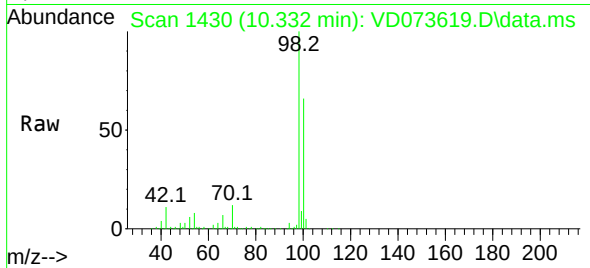




#50
Toluene-d8
Concen: 49.498 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073619.D
Acq: 16 Jun 2022 16:02

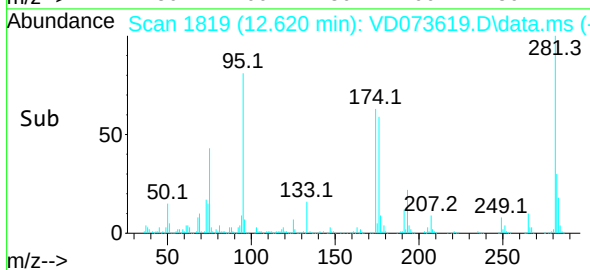
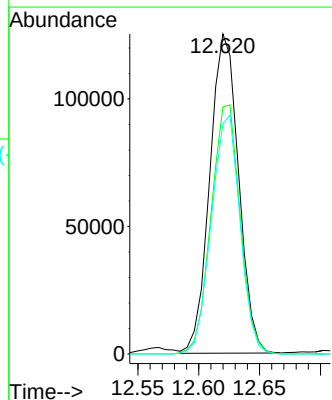
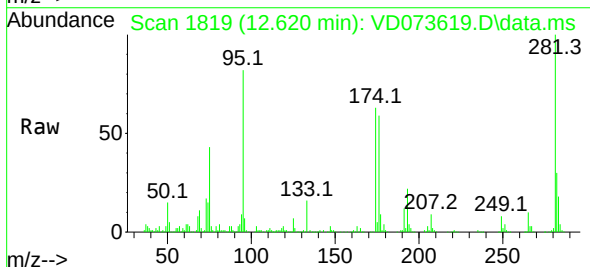
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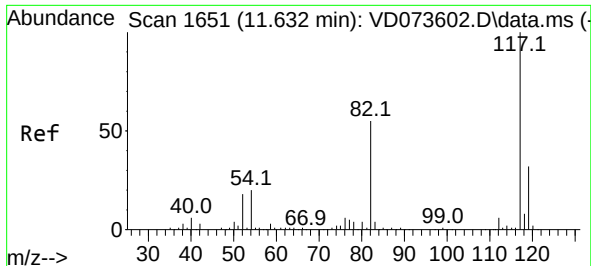
Tgt Ion: 98 Resp: 527317
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.194 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073619.D
Acq: 16 Jun 2022 16:02

Tgt Ion: 95 Resp: 205726
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.8
176 74.6 0.0 145.4

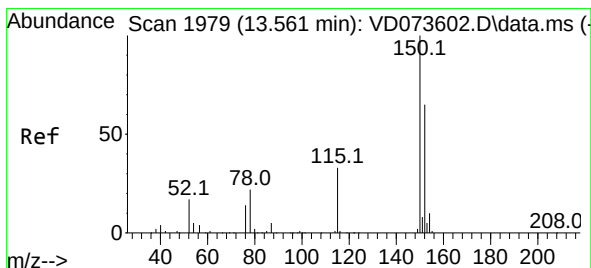
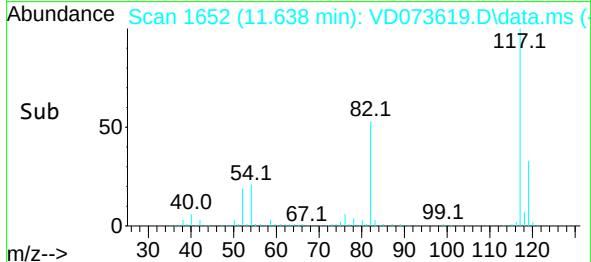
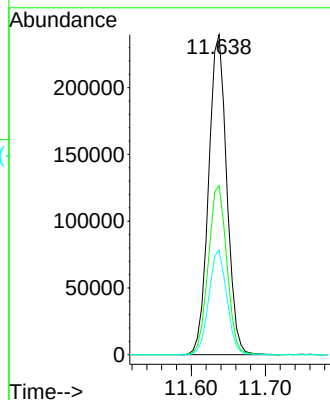
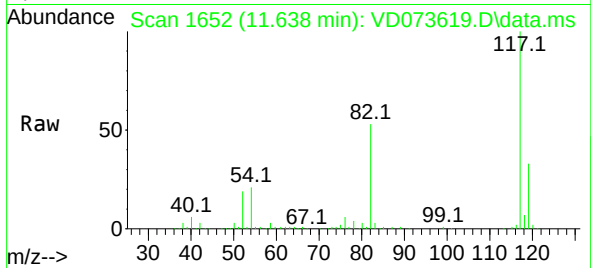




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073619.D
Acq: 16 Jun 2022 16:02

Instrument :
MSVOA_D
ClientSampleId :
B-107-(9-10)

Tgt Ion:117 Resp: 407681
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 32.7 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: VD073619.D
Acq: 16 Jun 2022 16:02

Tgt Ion:152 Resp: 216882
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 156.6 0.0 348.6

