

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
 Data File : VD069256.D
 Acq On : 24 May 2021 15:21
 Operator : VA/SY
 Sample : M2479-01
 Misc : 5.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUBBASE-6-1-D

Quant Time: May 25 00:56:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

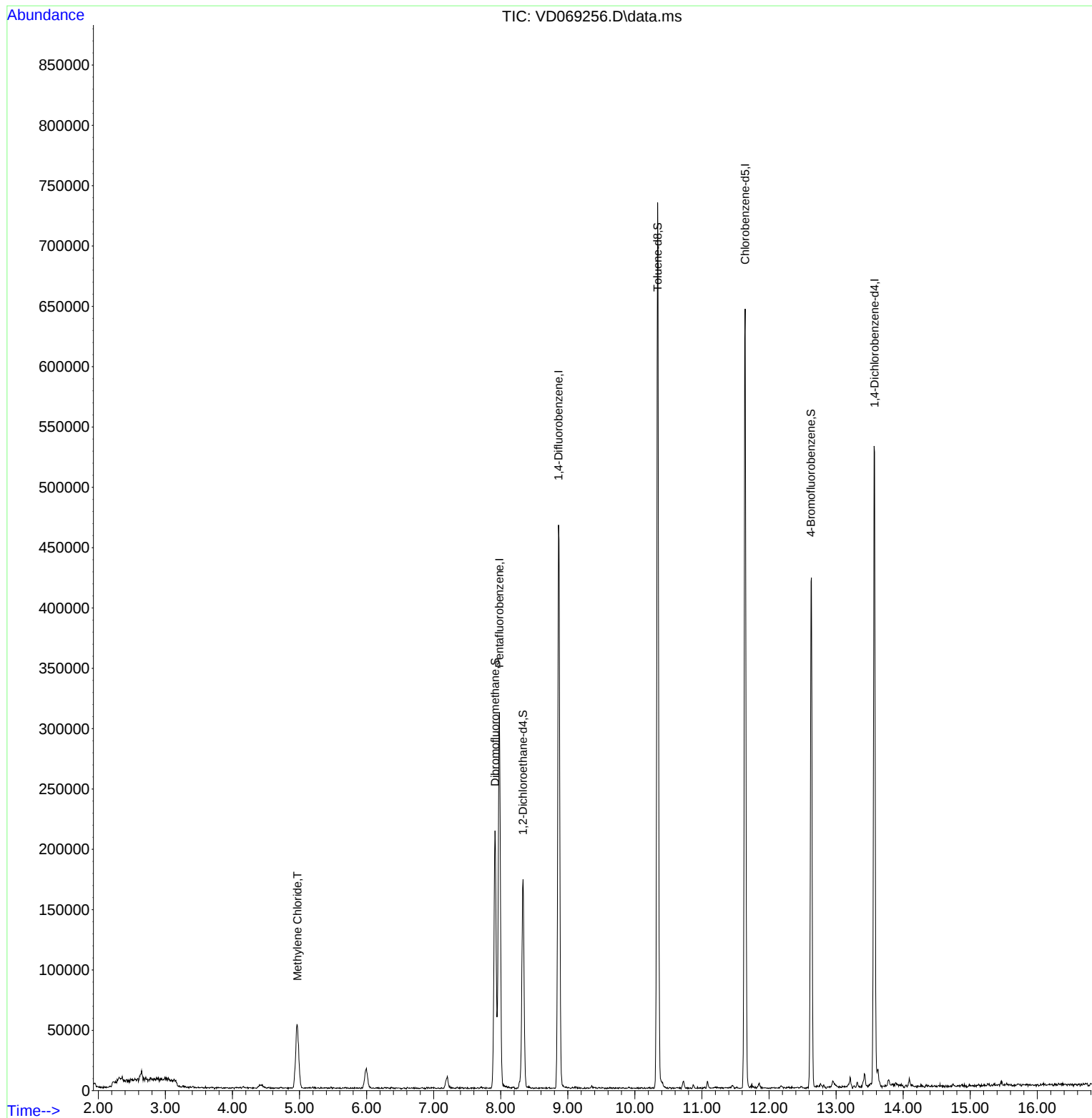
Internal Standards						
1) Pentafluorobenzene	7.979	168	226371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	420406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	379260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	144142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138082	60.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.70%
35) Dibromofluoromethane	7.914	113	147926	54.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.14%
50) Toluene-d8	10.338	98	506317	50.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.74%
62) 4-Bromofluorobenzene	12.626	95	135707	41.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.90%
Target Compounds						
20) Methylene Chloride	4.967	84	44451	8.11	ug/l	Qvalue 95

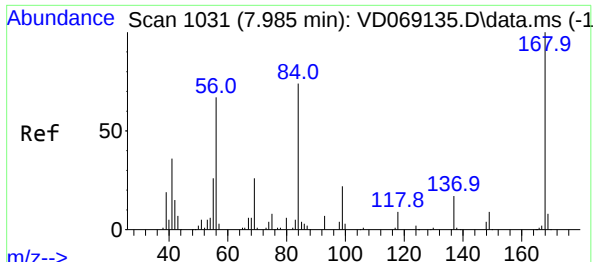
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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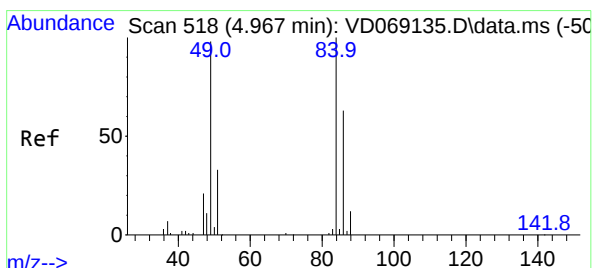
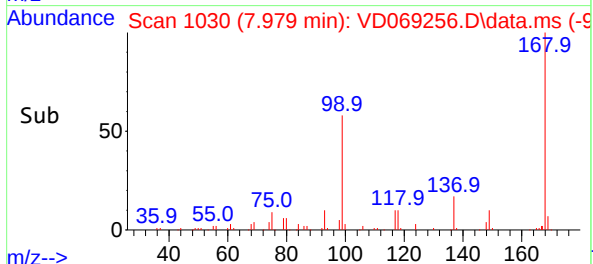
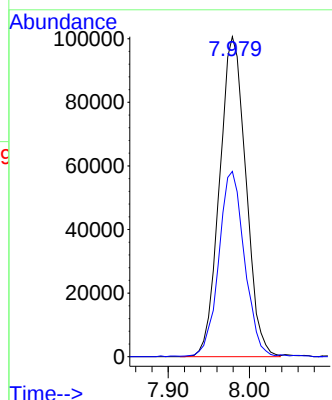
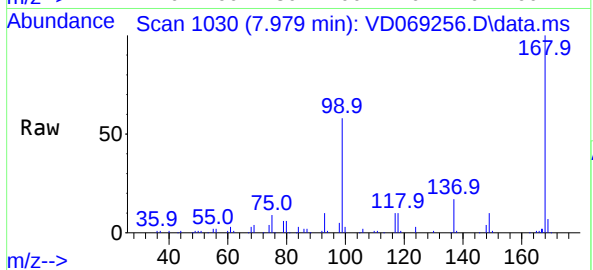




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

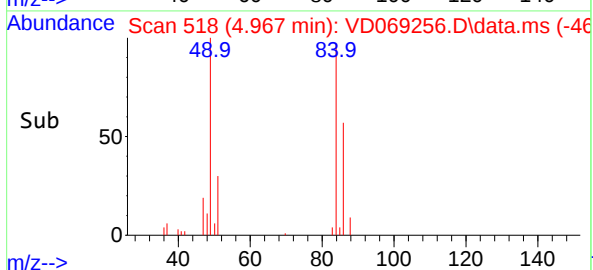
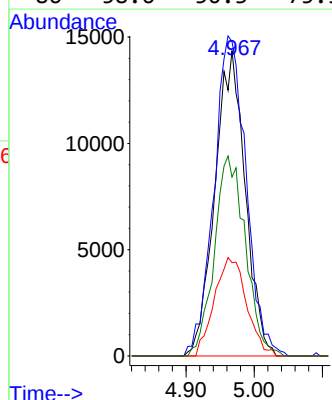
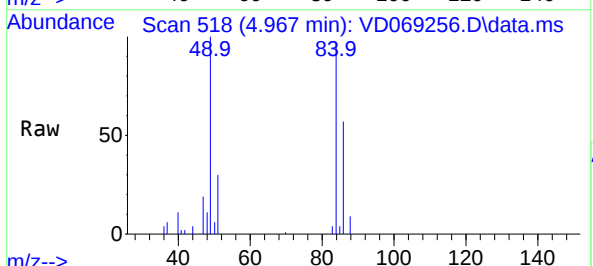
Instrument :
MSVOA_D
ClientSampleId :
SUBBASE-6-1-D

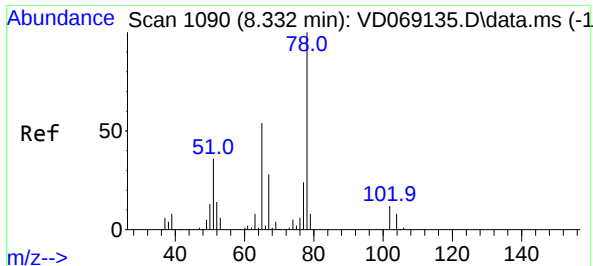
Tgt Ion:168 Resp: 226371
Ion Ratio Lower Upper
168 100
99 57.7 47.2 70.8



#20
Methylene Chloride
Concen: 8.11 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion: 84 Resp: 44451
Ion Ratio Lower Upper
84 100
49 102.9 78.6 117.8
51 30.5 26.7 40.1
86 58.6 50.3 75.5

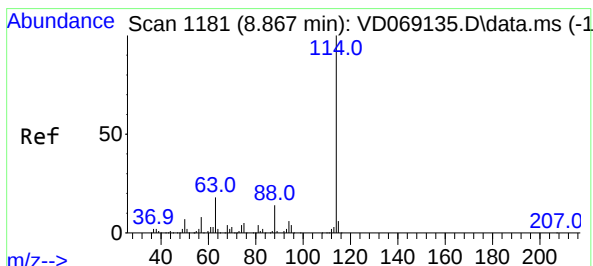
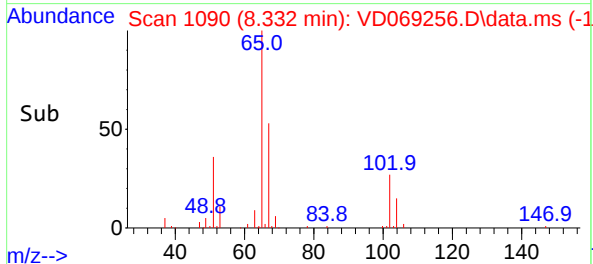
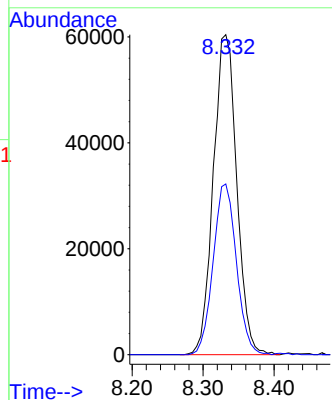
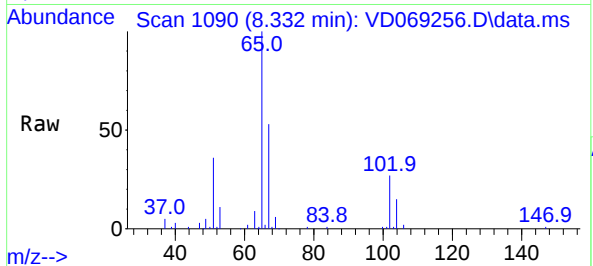




#33
1,2-Dichloroethane-d4
Concen: 60.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

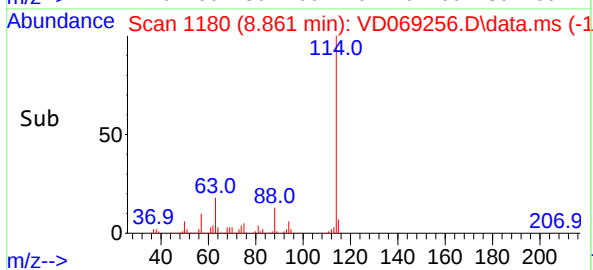
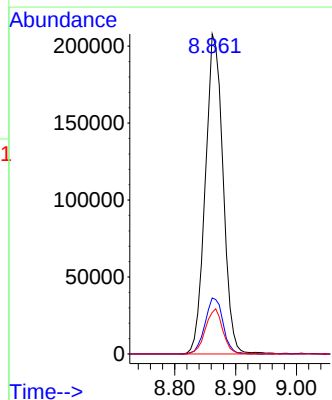
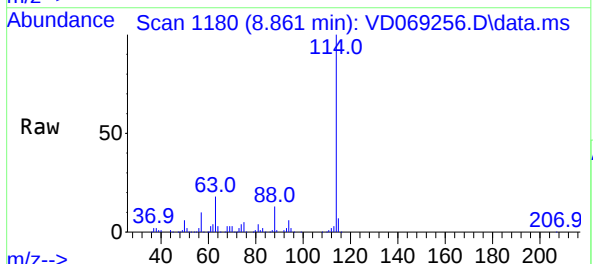
Instrument :
MSVOA_D
ClientSampleId :
SUBBASE-6-1-D

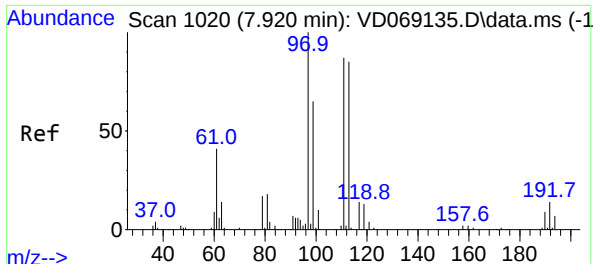
Tgt Ion: 65 Resp: 138082
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion: 114 Resp: 420406
Ion Ratio Lower Upper
114 100
63 17.5 0.0 36.4
88 13.0 0.0 28.2

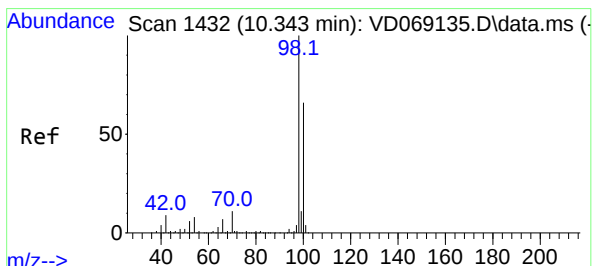
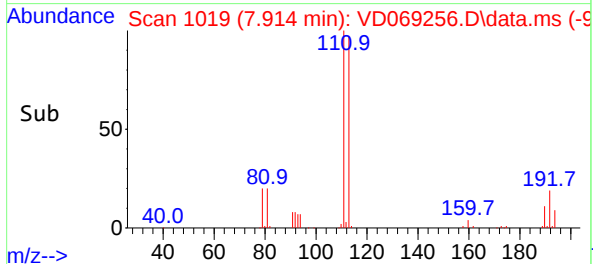
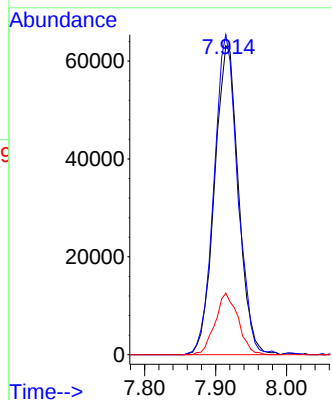
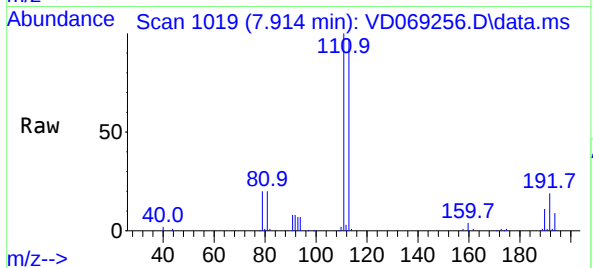




#35
Dibromofluoromethane
Concen: 54.07 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

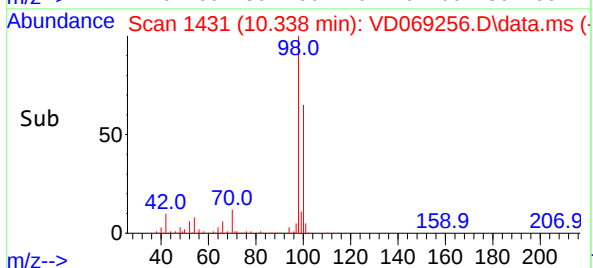
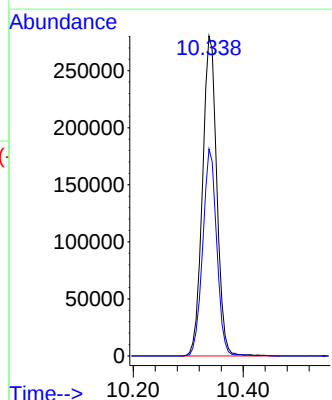
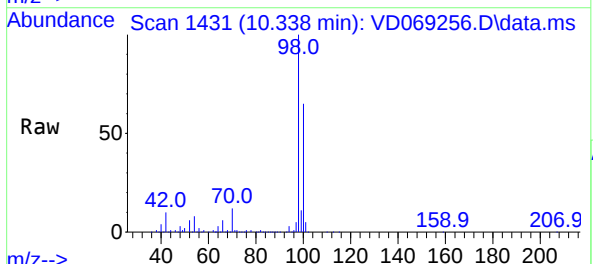
Instrument :
MSVOA_D
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SUBBASE-6-1-D

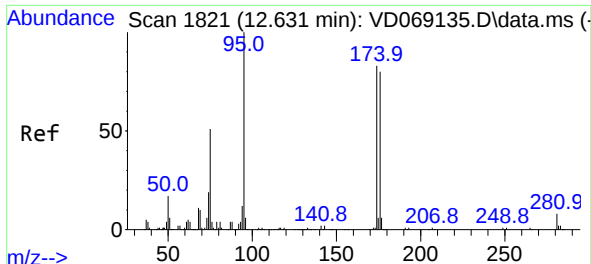
Tgt Ion:113 Resp: 147926
Ion Ratio Lower Upper
113 100
111 102.4 80.6 120.8
192 19.1 14.8 22.2



#50
Toluene-d8
Concen: 50.37 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Tgt Ion: 98 Resp: 506317
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8

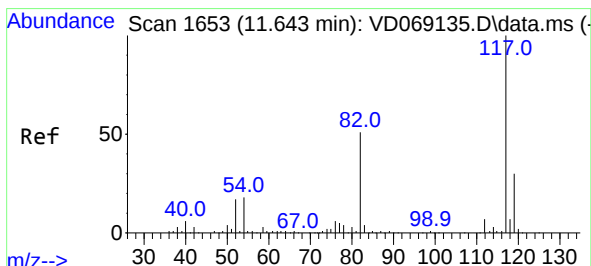
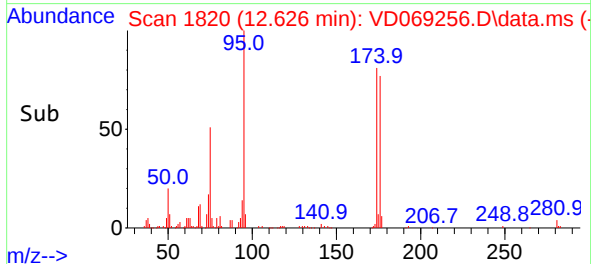
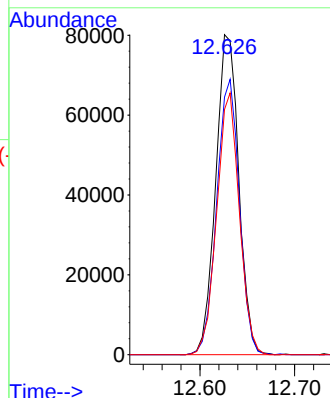
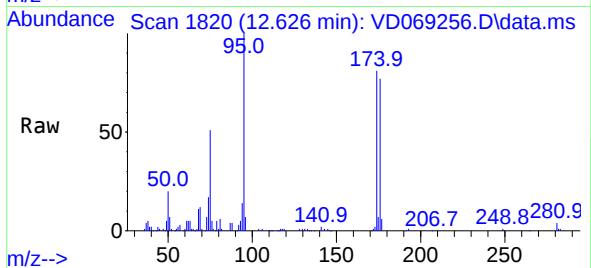




#62
4-Bromofluorobenzene
Concen: 41.95 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

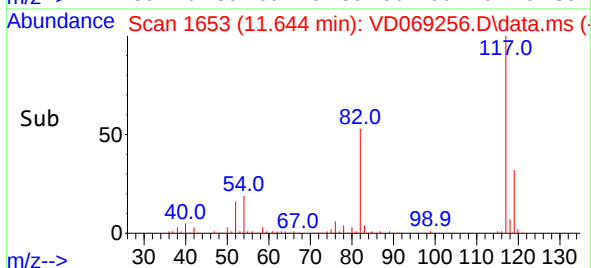
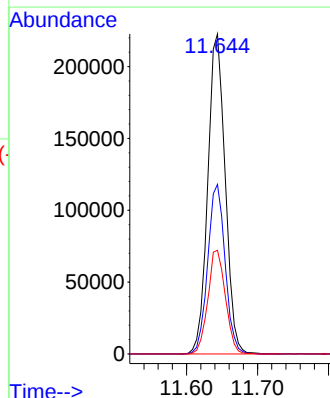
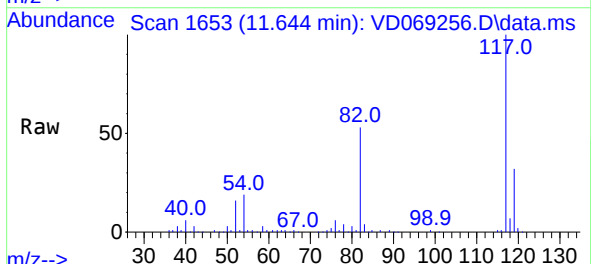
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ClientSampleId :
SUBBASE-6-1-D

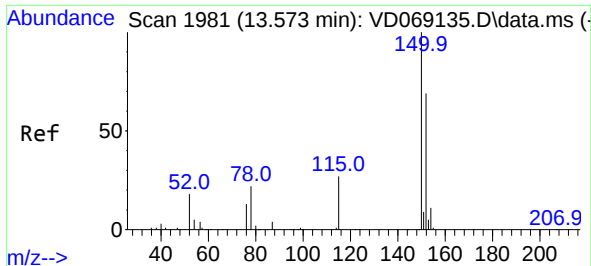
Tgt Ion: 95 Resp: 135707
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.8
176 80.1 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

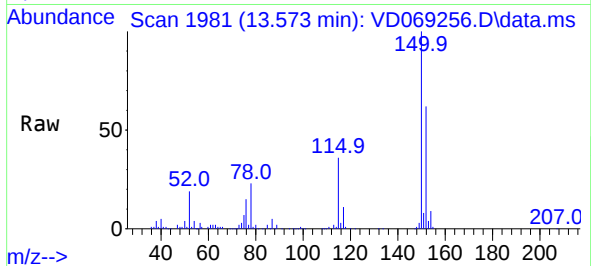
Tgt Ion: 117 Resp: 379260
Ion Ratio Lower Upper
117 100
82 53.0 40.5 60.7
119 32.4 24.2 36.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069256.D
Acq: 24 May 2021 15:21

Instrument :
MSVOA_D
ClientSampleId :
SUBBASE-6-1-D



Tgt Ion:152 Resp: 144142
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.8
150 159.9 0.0 350.2

