

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070575.D
 Acq On : 05 Oct 2021 16:45
 Operator : VA/SY
 Sample : M4067-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-100421

Quant Time: Oct 06 09:21:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	398368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	819131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	748319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	301209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	251950	53.74	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.48%
35) Dibromofluoromethane	7.914	113	270288	49.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.26%
50) Toluene-d8	10.338	98	1046860	50.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.56%
62) 4-Bromofluorobenzene	12.626	95	314367	45.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.36%

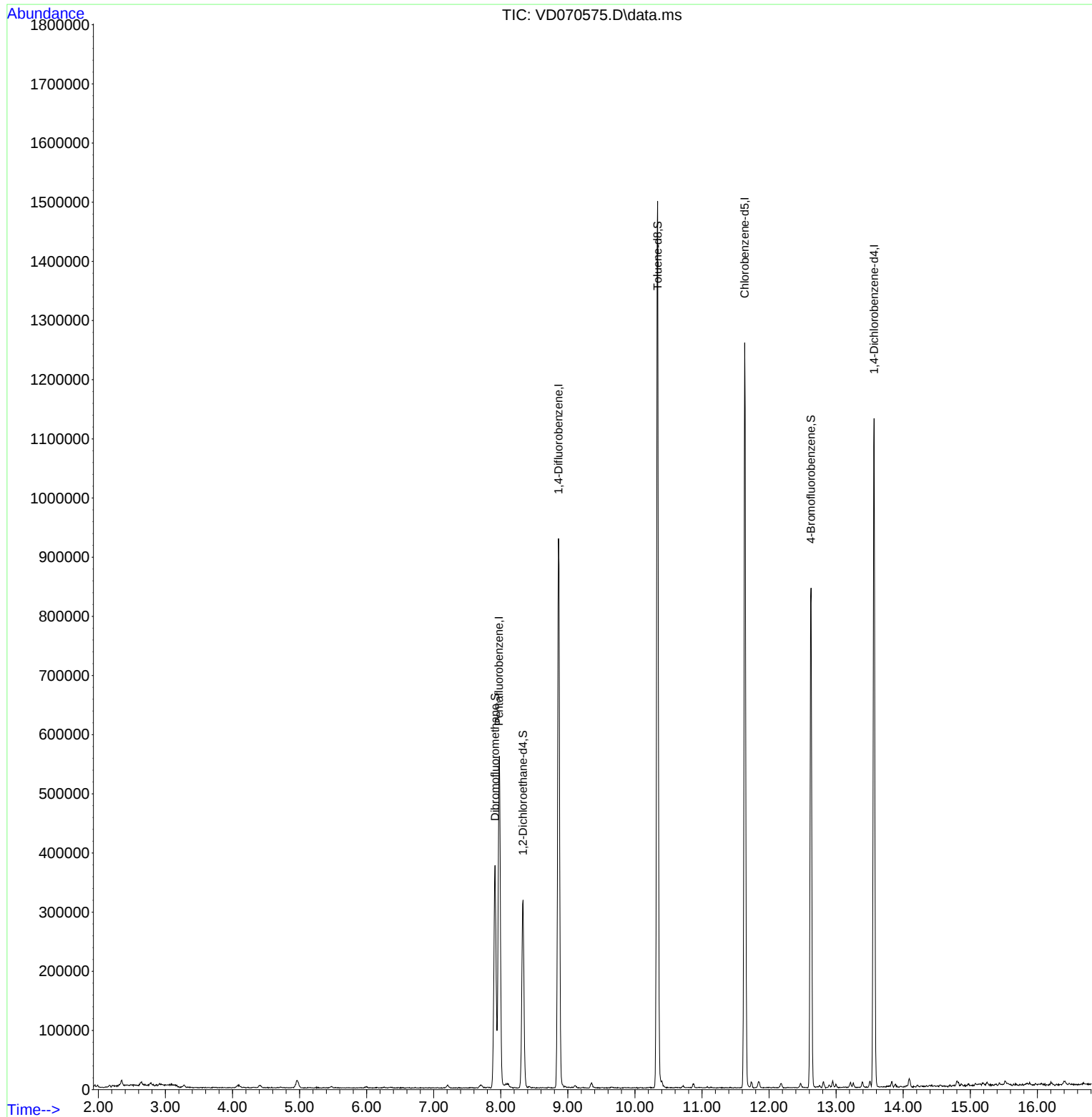
Target Compounds	Qvalue

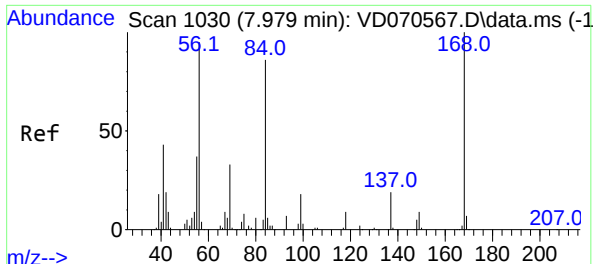
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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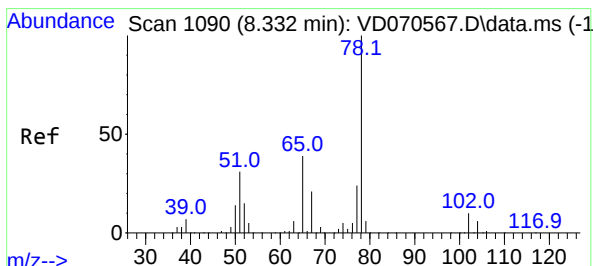
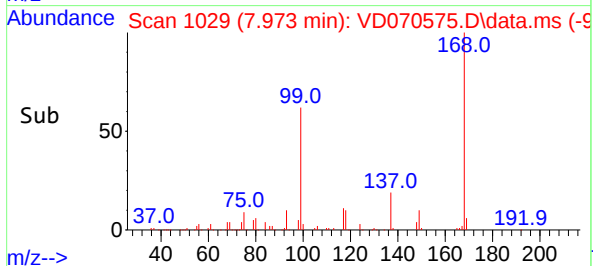
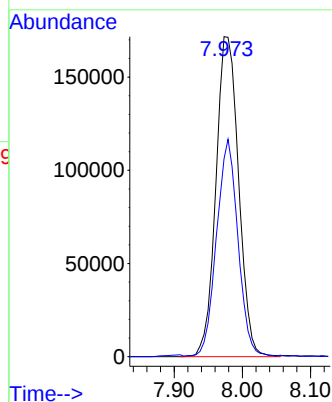
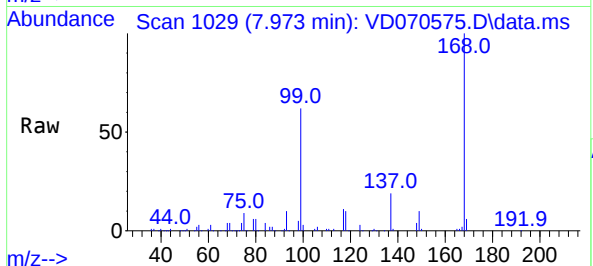




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

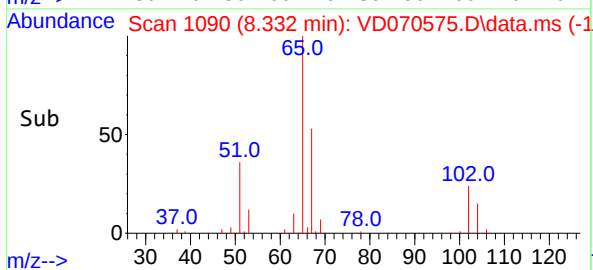
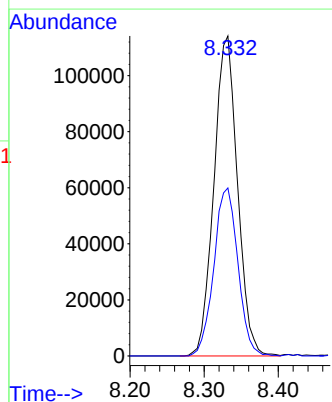
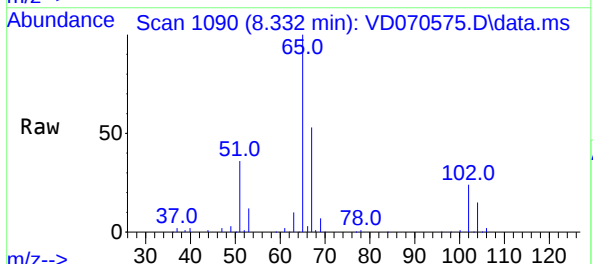
Instrument :
MSVOA_D
ClientSampleId :
SU-02-100421

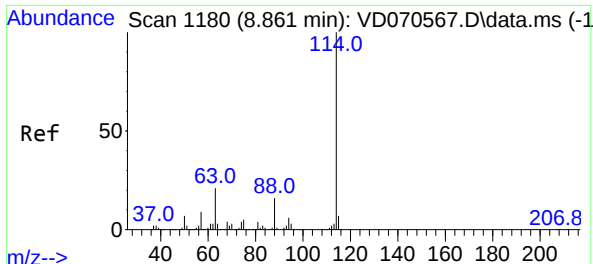
Tgt Ion:168 Resp: 398368
Ion Ratio Lower Upper
168 100
99 61.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.74 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Tgt Ion: 65 Resp: 251950
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070575.D

Acq: 05 Oct 2021 16:45

Instrument :

MSVOA_D

ClientSampleId :

SU-02-100421

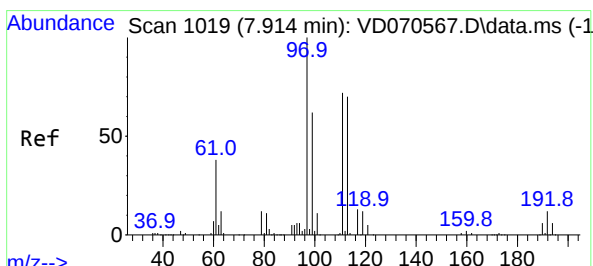
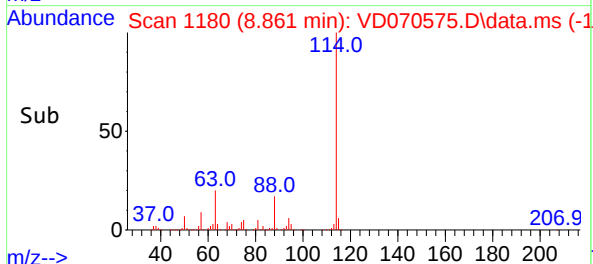
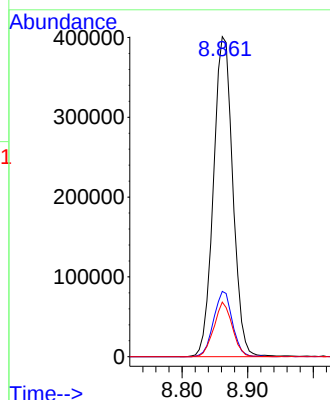
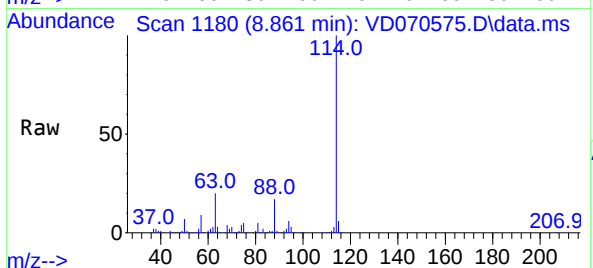
Tgt Ion:114 Resp: 819131

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.8

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.63 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070575.D

Acq: 05 Oct 2021 16:45

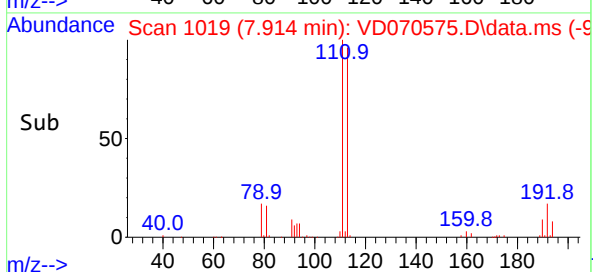
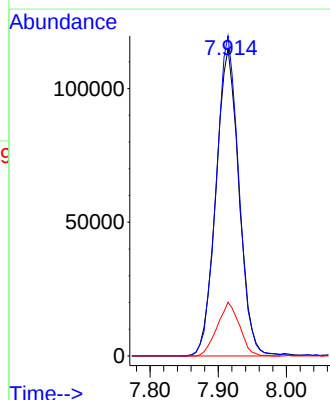
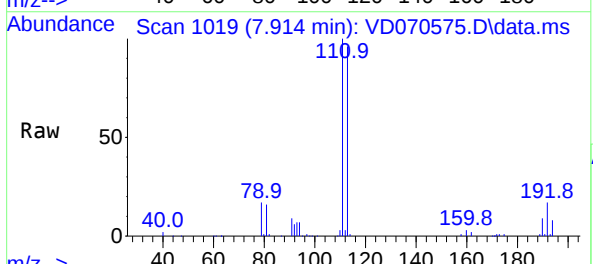
Tgt Ion:113 Resp: 270288

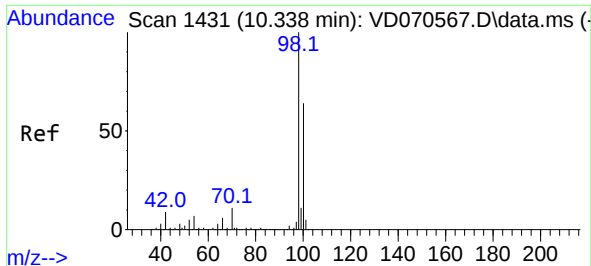
Ion Ratio Lower Upper

113 100

111 102.2 83.1 124.7

192 16.8 12.7 19.1

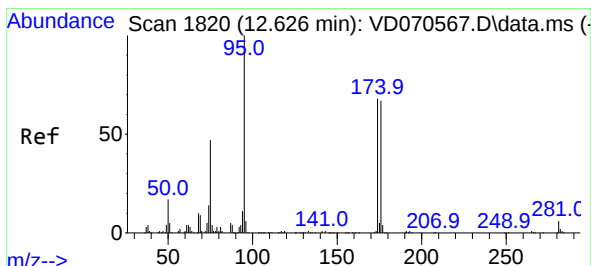
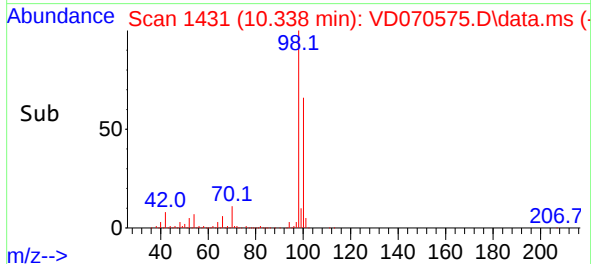
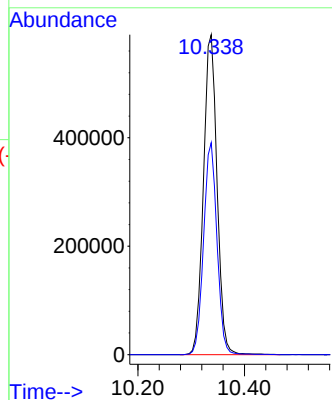
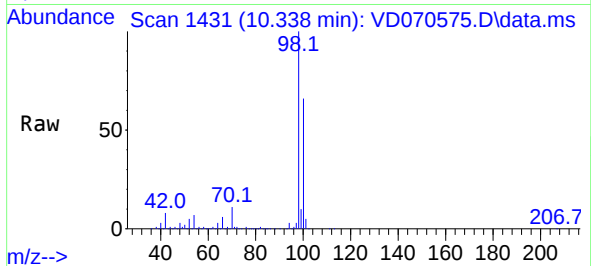




#50
Toluene-d8
Concen: 50.28 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

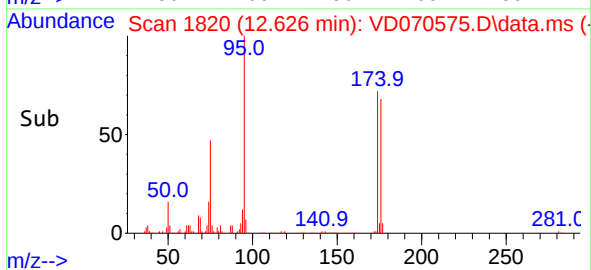
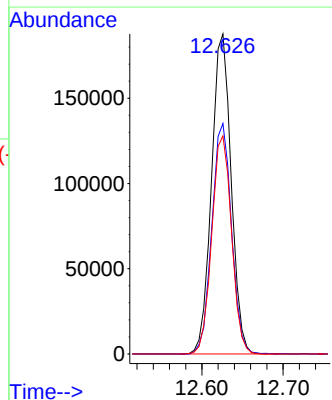
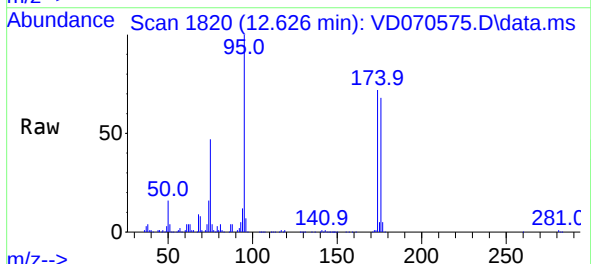
Instrument :
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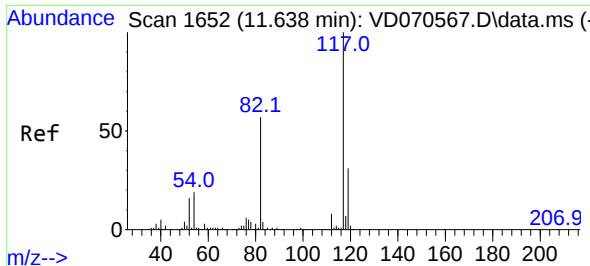
Tgt Ion: 98 Resp: 1046860
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.18 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

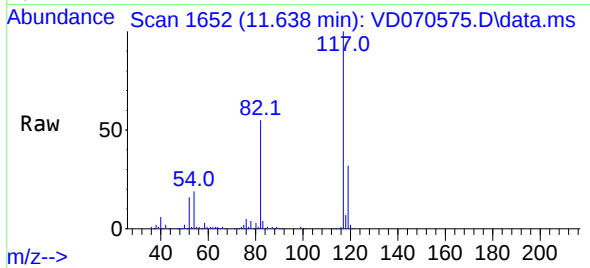
Tgt Ion: 95 Resp: 314367
Ion Ratio Lower Upper
95 100
174 72.4 0.0 138.0
176 68.5 0.0 135.6



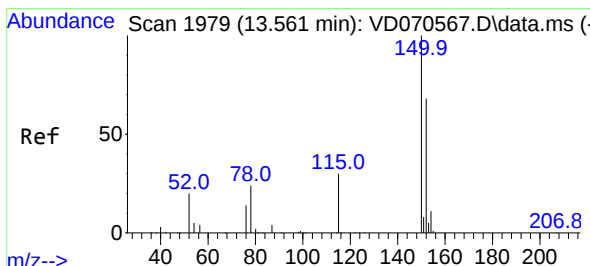
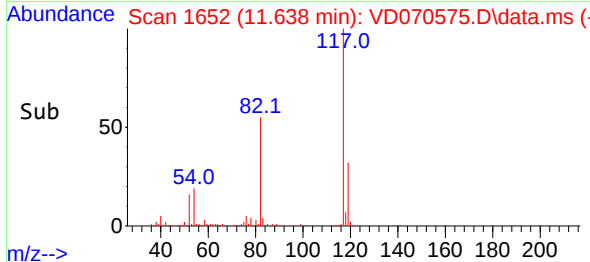
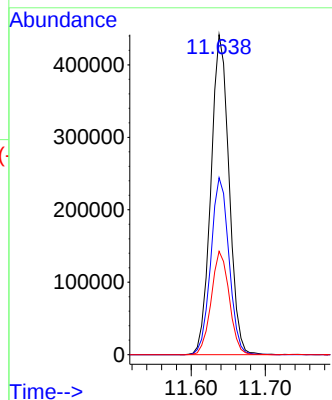


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Instrument :
MSVOA_D
ClientSampleId :
SU-02-100421



Tgt Ion:117 Resp: 748319
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 32.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070575.D
Acq: 05 Oct 2021 16:45

Tgt Ion:152 Resp: 301209
Ion Ratio Lower Upper
152 100
115 64.0 31.9 95.7
150 160.8 0.0 350.0

