

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073482.D
 Acq On : 06 Jun 2022 18:47
 Operator : VA/SY
 Sample : N3197-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-3-060322

Quant Time: Jun 07 01:14:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	289439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	524597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	567241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	275908	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	144736	45.248	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.500%
35) Dibromofluoromethane	7.903	113	167493	48.385	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.780%
50) Toluene-d8	10.332	98	632256	49.548	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.620	95	259260	57.894	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.780%

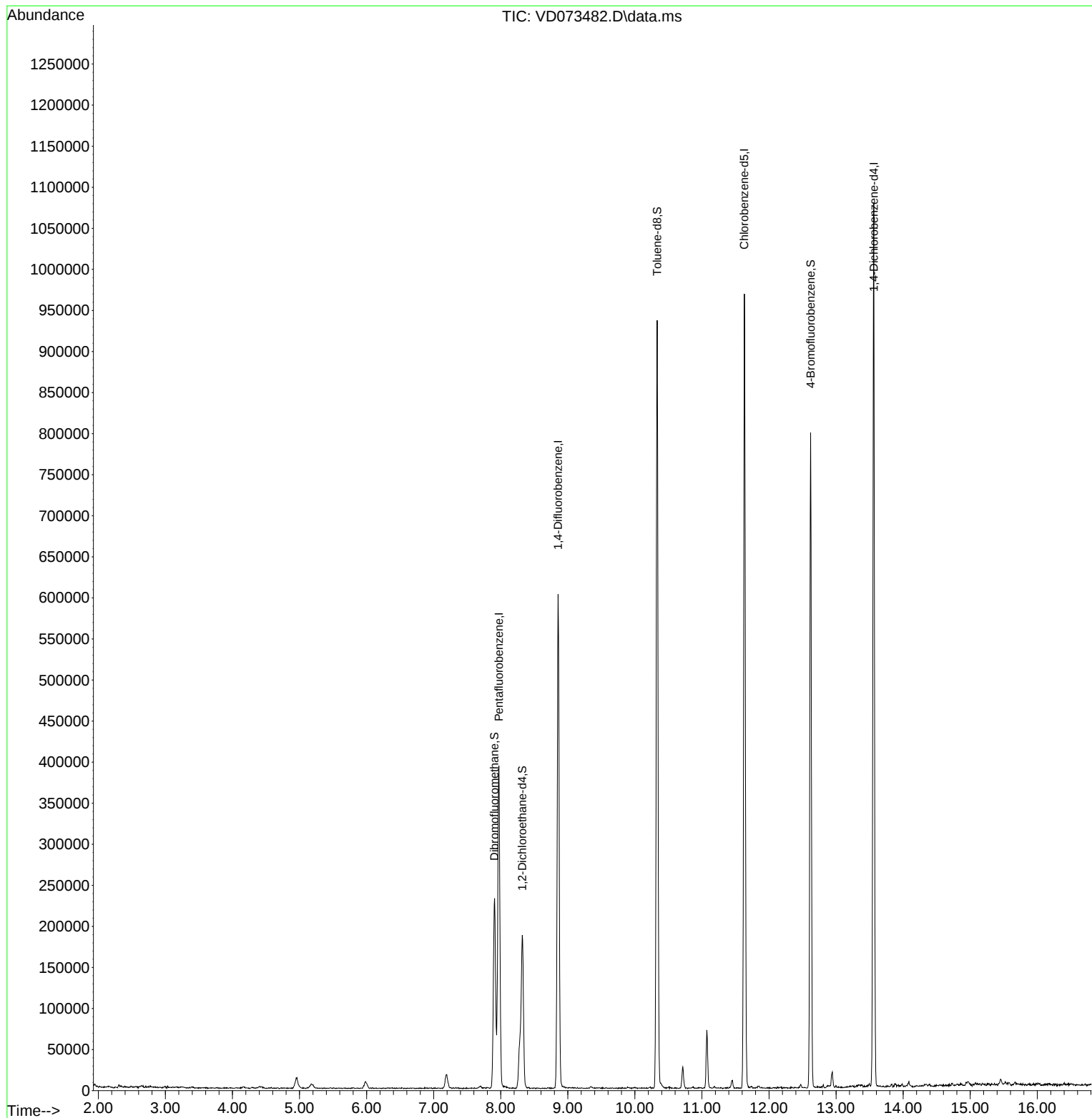
Target Compounds	Qvalue

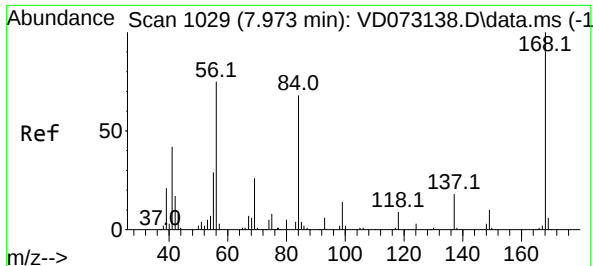
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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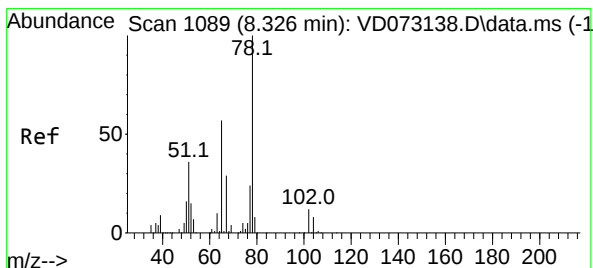
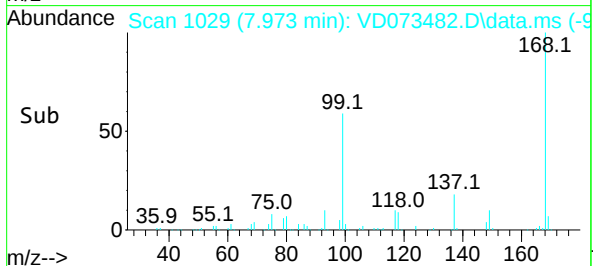
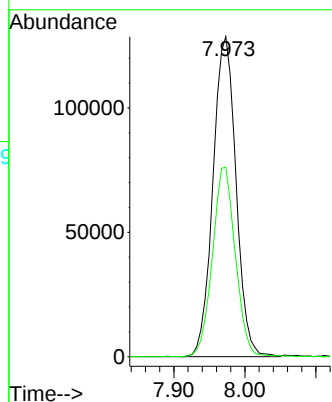
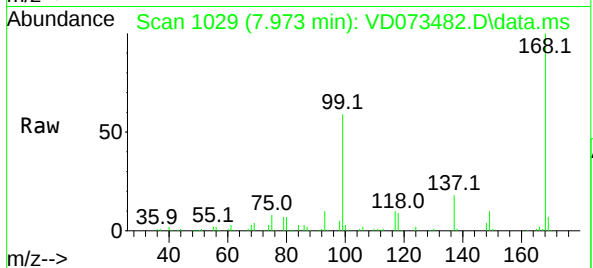




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073482.D
Acq: 06 Jun 2022 18:47

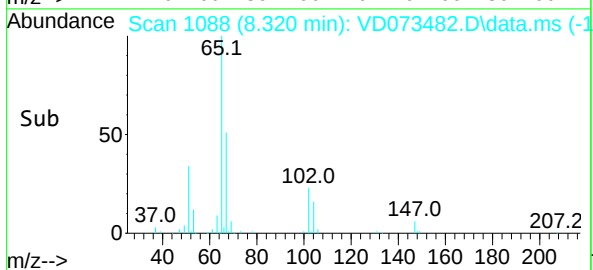
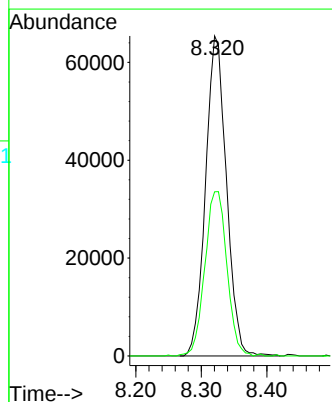
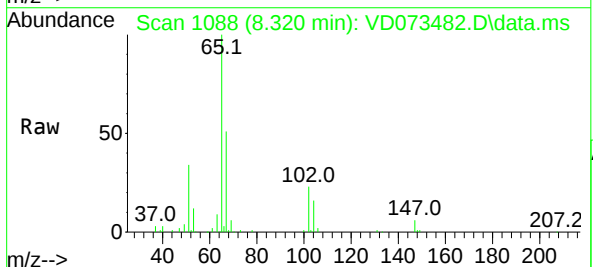
Instrument :
MSVOA_D
ClientSampleId :
SU-3-060322

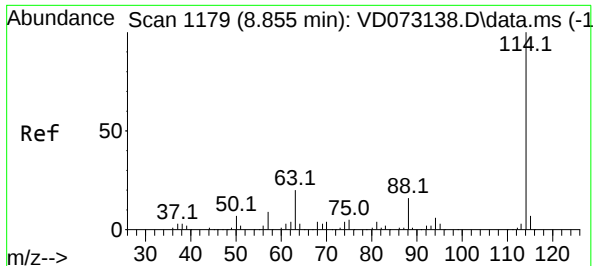
Tgt Ion:168 Resp: 289439
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.248 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073482.D
Acq: 06 Jun 2022 18:47

Tgt Ion: 65 Resp: 144736
Ion Ratio Lower Upper
65 100
67 54.2 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: VD073482.D

Acq: 06 Jun 2022 18:47

Instrument :

MSVOA_D

ClientSampleId :

SU-3-060322

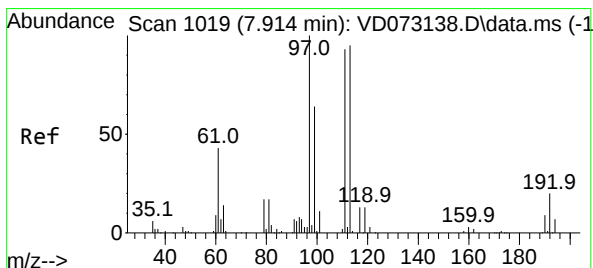
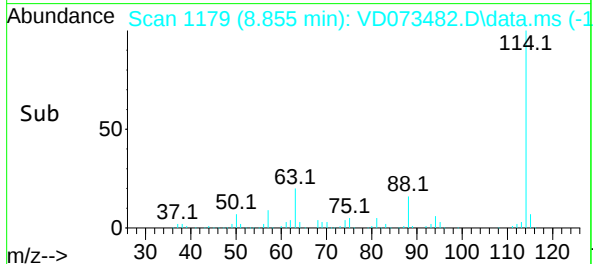
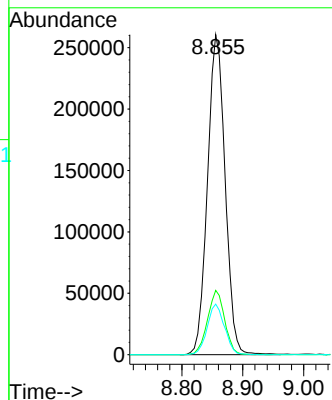
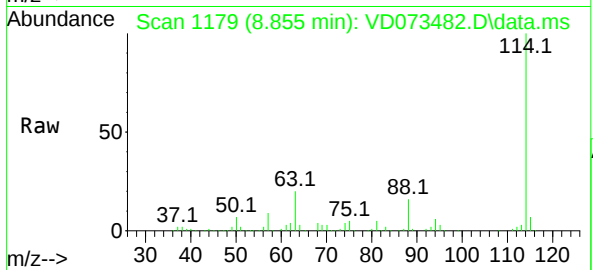
Tgt Ion:114 Resp: 524597

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.385 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073482.D

Acq: 06 Jun 2022 18:47

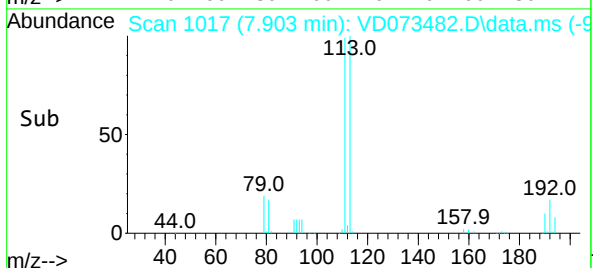
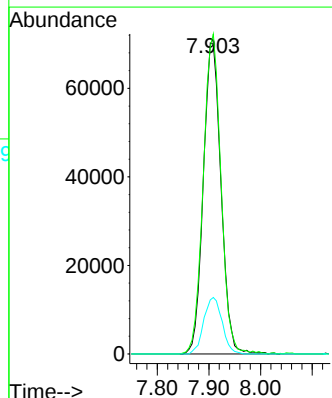
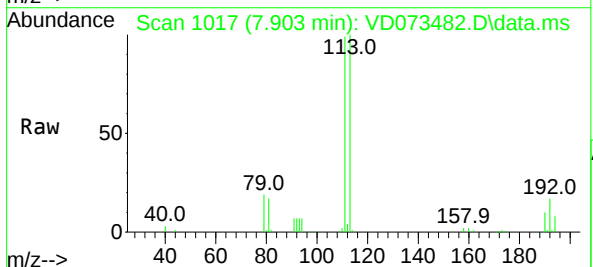
Tgt Ion:113 Resp: 167493

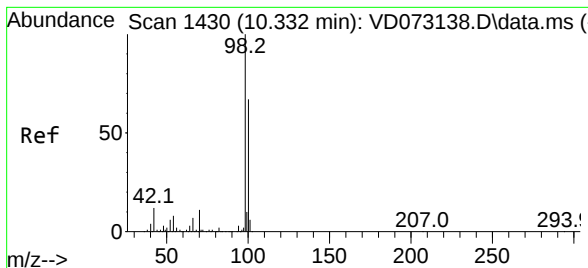
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.8 14.6 21.8

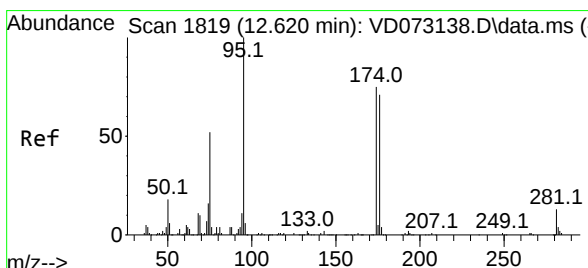
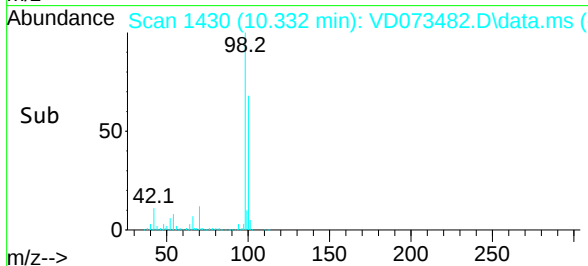
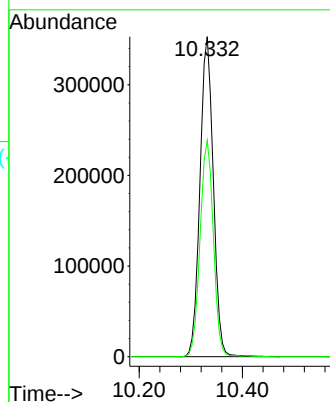
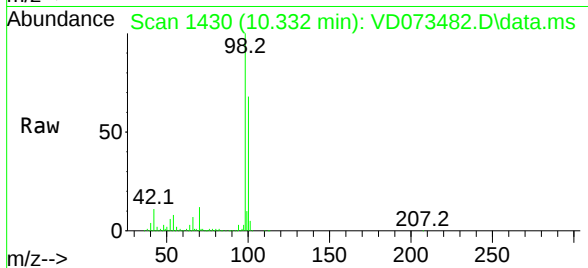




#50
Toluene-d8
Concen: 49.548 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073482.D
Acq: 06 Jun 2022 18:47

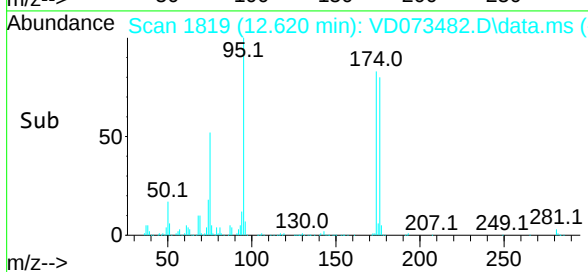
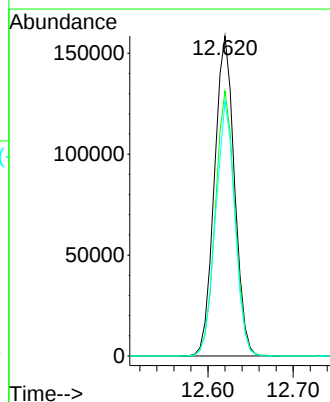
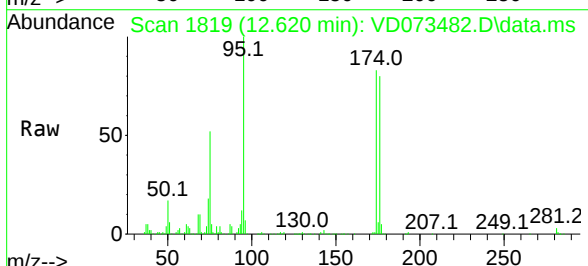
Instrument :
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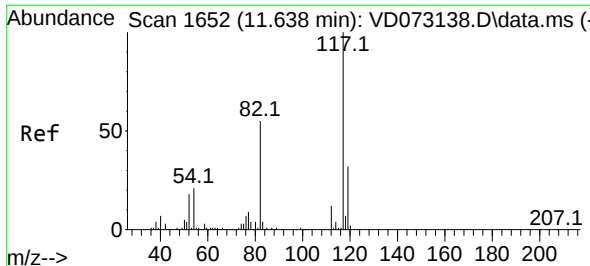
Tgt Ion: 98 Resp: 632256
Ion Ratio Lower Upper
98 100
100 67.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.894 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073482.D
Acq: 06 Jun 2022 18:47

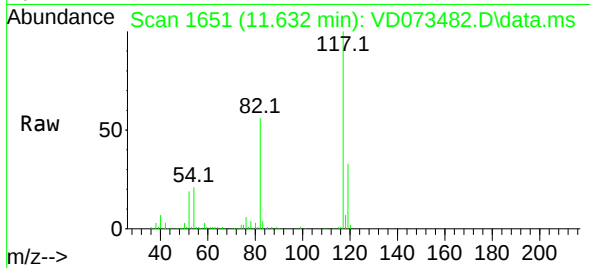
Tgt Ion: 95 Resp: 259260
Ion Ratio Lower Upper
95 100
174 80.6 0.0 152.8
176 76.1 0.0 145.4



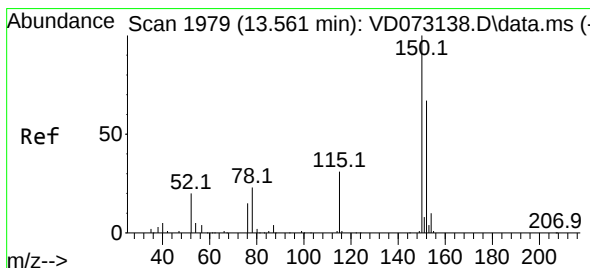
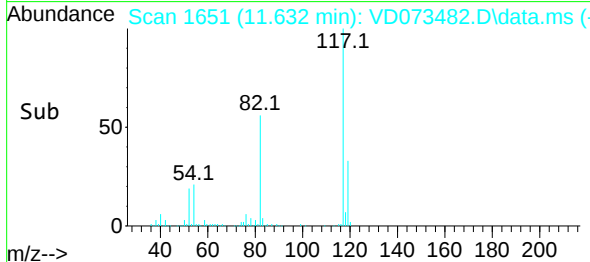
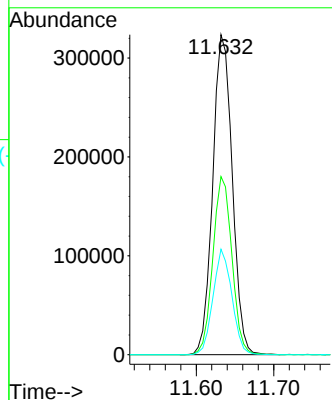


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073482.D
Acq: 06 Jun 2022 18:47

Instrument :
MSVOA_D
ClientSampleId :
SU-3-060322



Tgt Ion:117 Resp: 567241
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 33.0 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: VD073482.D
Acq: 06 Jun 2022 18:47

Tgt Ion:152 Resp: 275908
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 158.7 0.0 348.6

