

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073483.D
 Acq On : 06 Jun 2022 19:17
 Operator : VA/SY
 Sample : N3197-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-4-060322

Quant Time: Jun 07 01:14:14 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	278561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	511766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	562452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	274381	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	143898	46.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.480%
35) Dibromofluoromethane	7.908	113	164205	48.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.332	98	622528	50.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.620	95	258656	59.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.420%

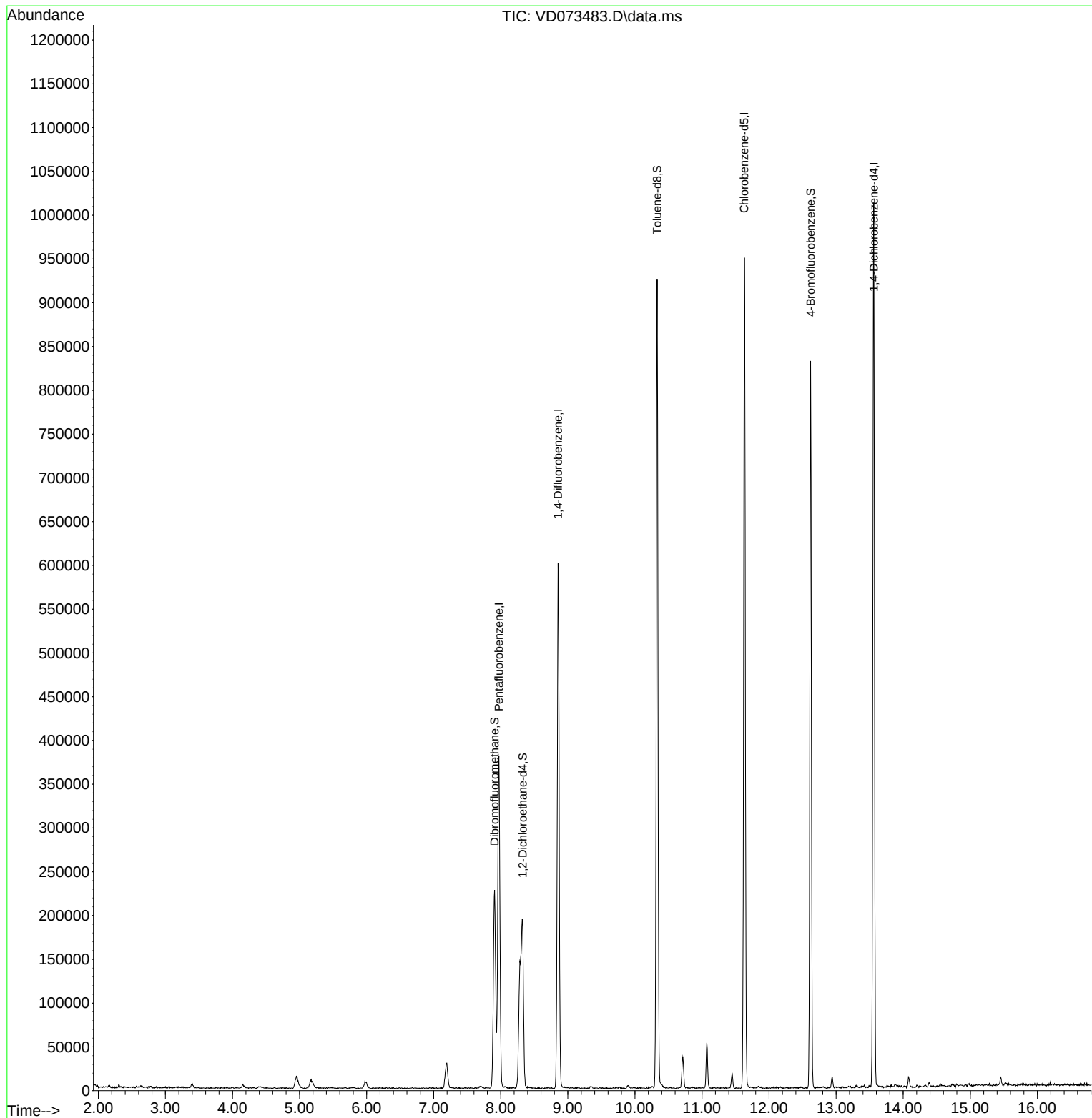
Target Compounds	Qvalue

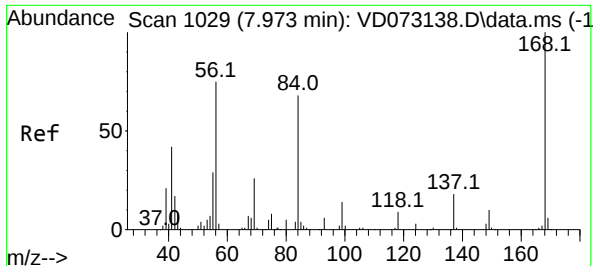
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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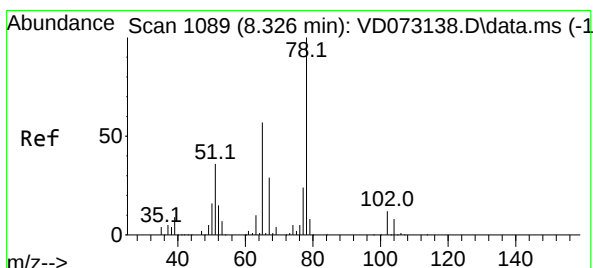
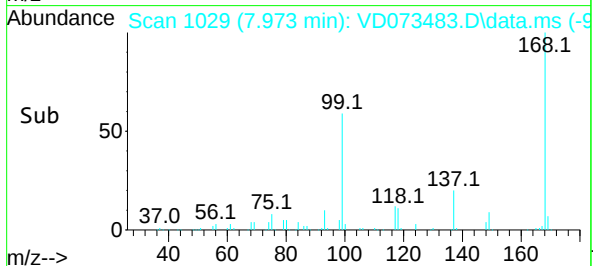
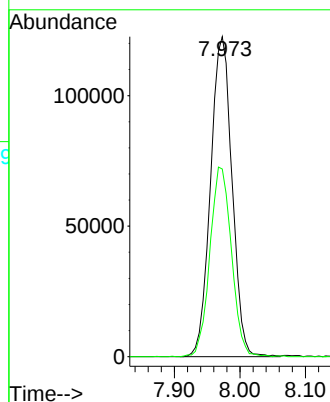
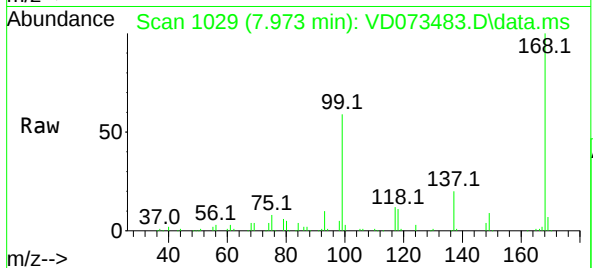




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

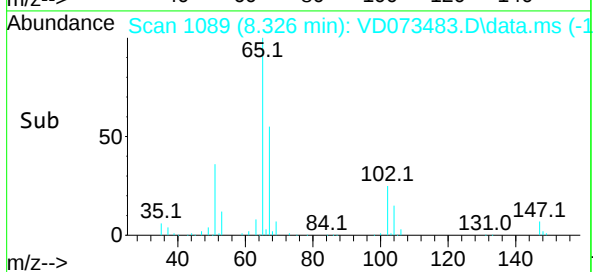
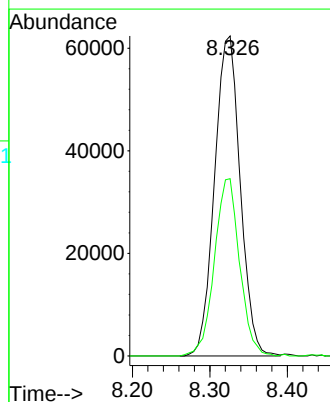
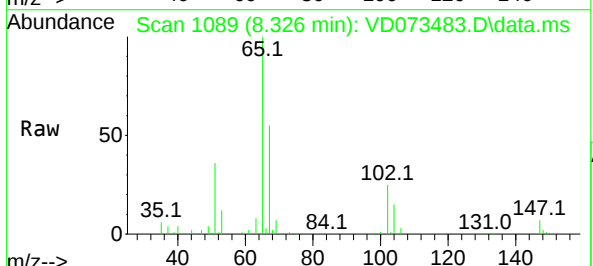
Instrument :
MSVOA_D
ClientSampleId :
SU-4-060322

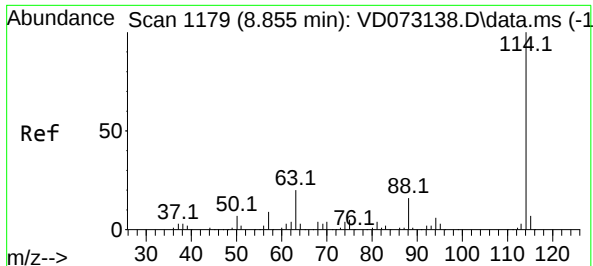
Tgt Ion:168 Resp: 278561
Ion Ratio Lower Upper
168 100
99 58.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 46.743 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

Tgt Ion: 65 Resp: 143898
Ion Ratio Lower Upper
65 100
67 54.4 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: VD073483.D

Acq: 06 Jun 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

SU-4-060322

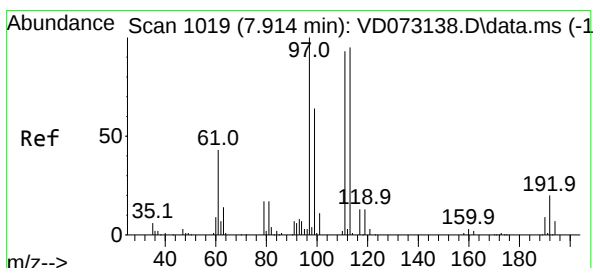
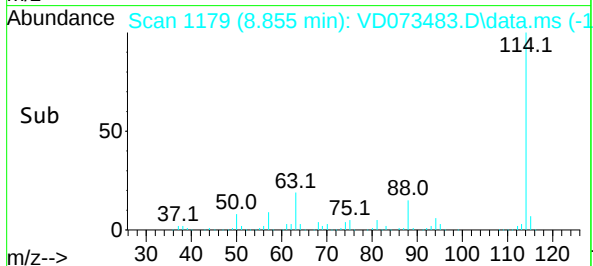
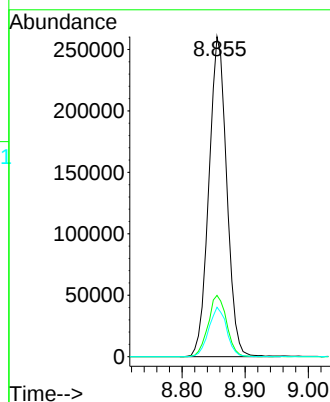
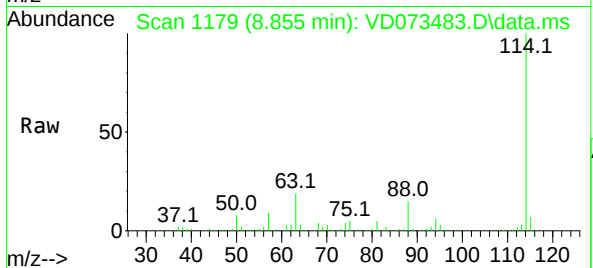
Tgt Ion:114 Resp: 511766

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.625 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073483.D

Acq: 06 Jun 2022 19:17

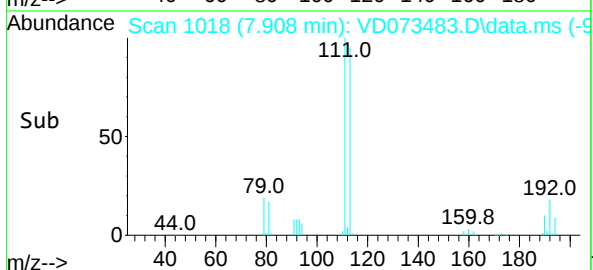
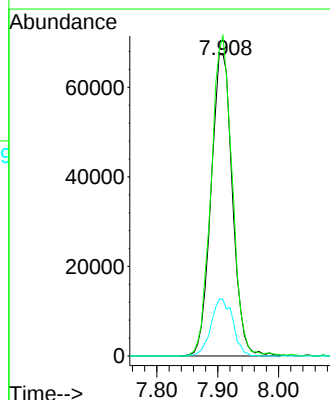
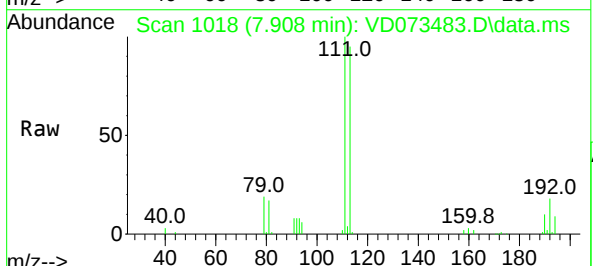
Tgt Ion:113 Resp: 164205

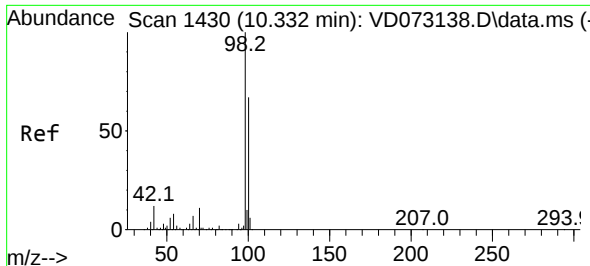
Ion Ratio Lower Upper

113 100

111 104.8 83.8 125.6

192 19.4 14.6 21.8

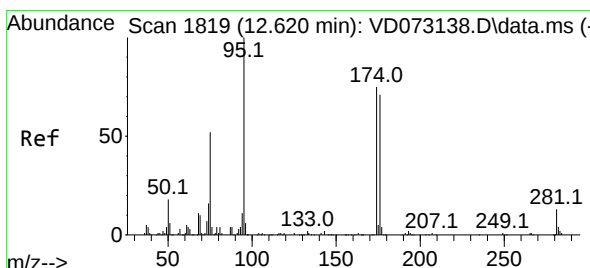
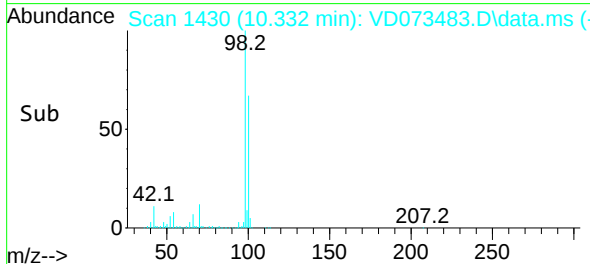
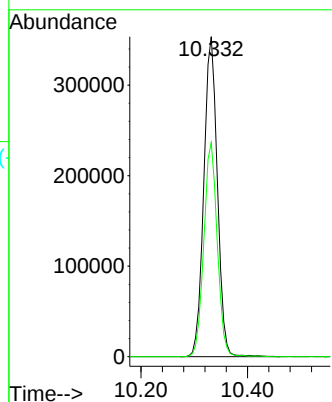
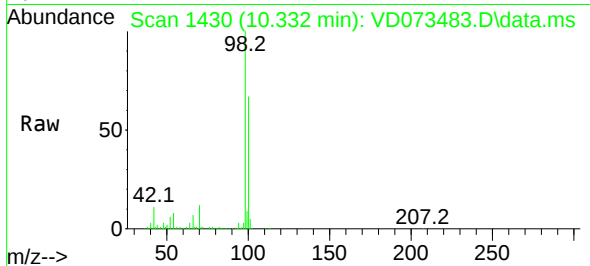




#50
Toluene-d8
Concen: 50.009 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

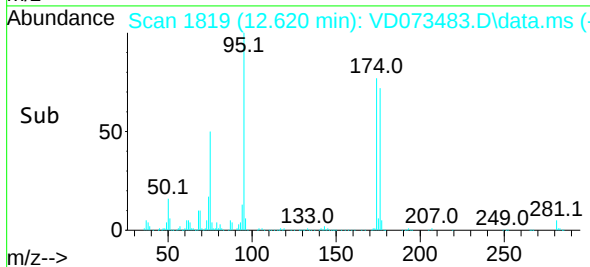
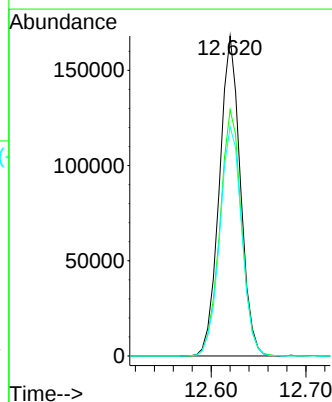
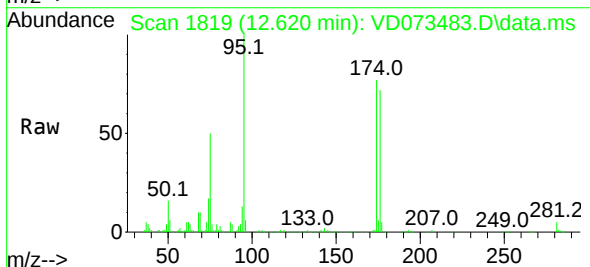
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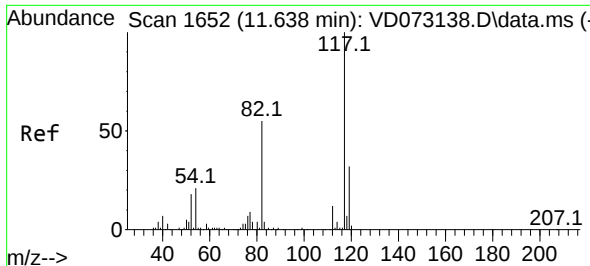
Tgt Ion: 98 Resp: 622528
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.207 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

Tgt Ion: 95 Resp: 258656
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 75.1 0.0 145.4

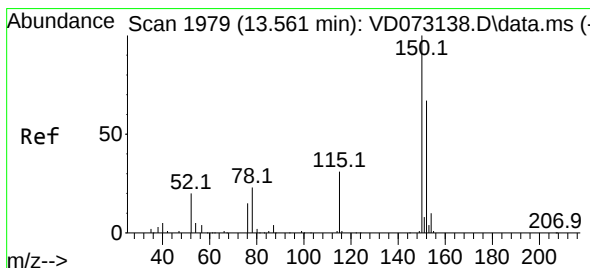
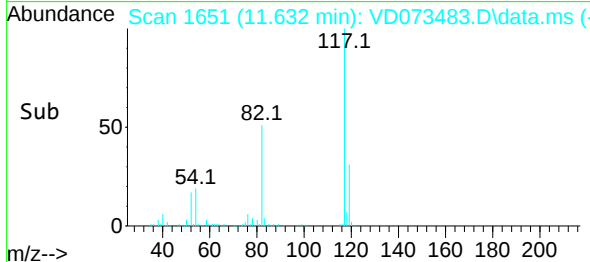
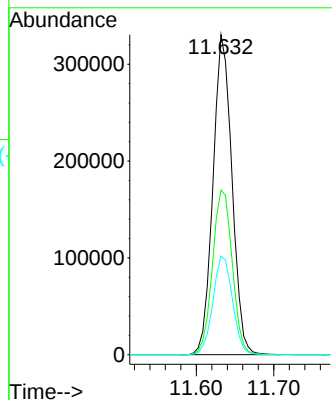
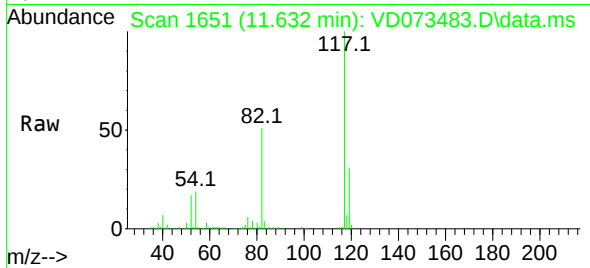




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073483.D
Acq: 06 Jun 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :
SU-4-060322

Tgt Ion:117 Resp: 562452
Ion Ratio Lower Upper
117 100
82 51.5 45.3 67.9
119 30.8 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: VD073483.D
Acq: 06 Jun 2022 19:17

Tgt Ion:152 Resp: 274381
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 158.4 0.0 348.6

