

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074028.D
 Acq On : 10 Aug 2022 16:35
 Operator : VA/SY
 Sample : N4038-06
 Misc : 4.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-6

Quant Time: Aug 10 17:41:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	123364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	212118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	194998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	86711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	56637	59.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.280%
35) Dibromofluoromethane	7.903	113	65989	46.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.680%
50) Toluene-d8	10.332	98	164378	43.910	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.820%
62) 4-Bromofluorobenzene	12.620	95	73907	42.658	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.320%

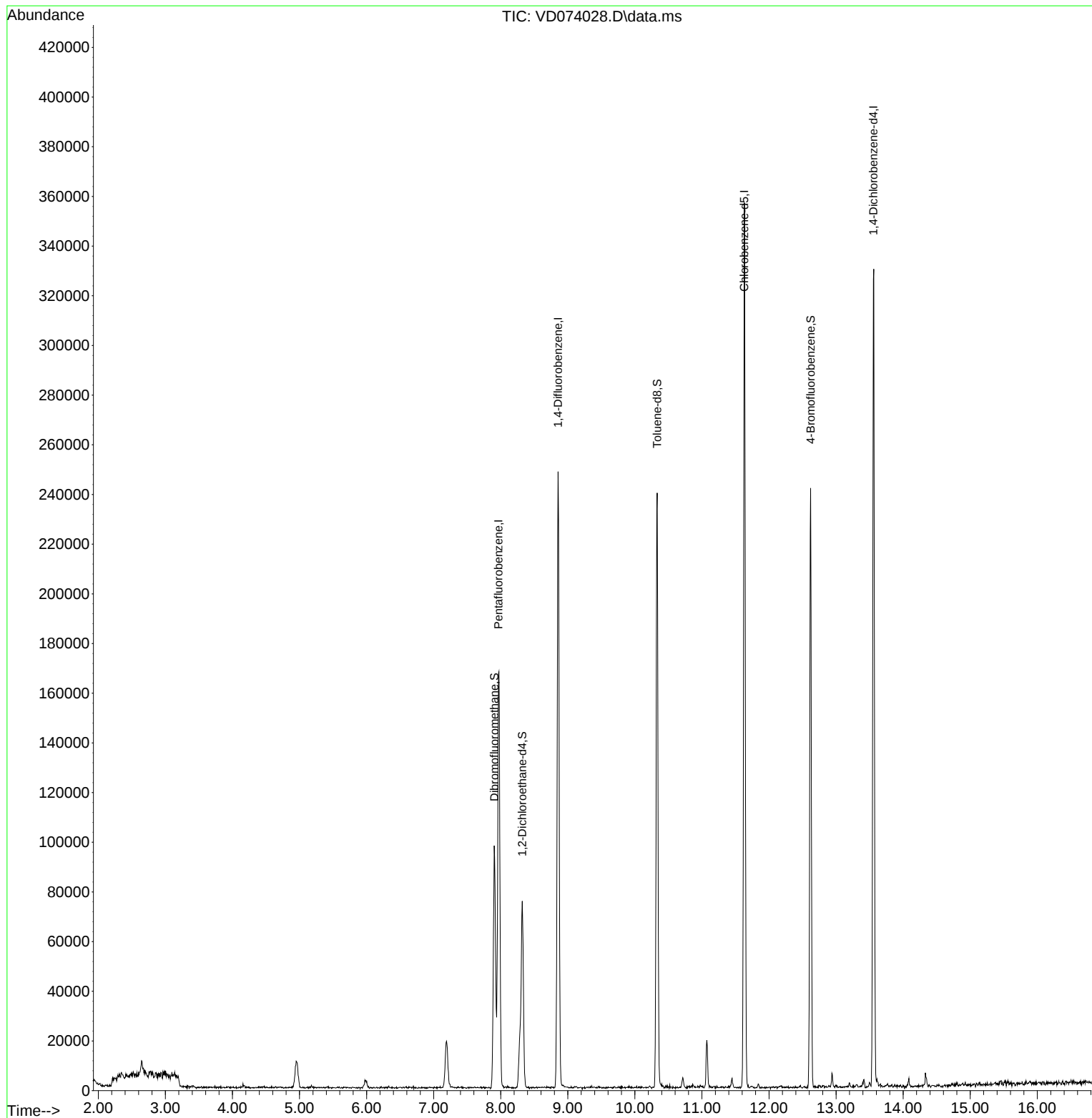
Target Compounds	Qvalue

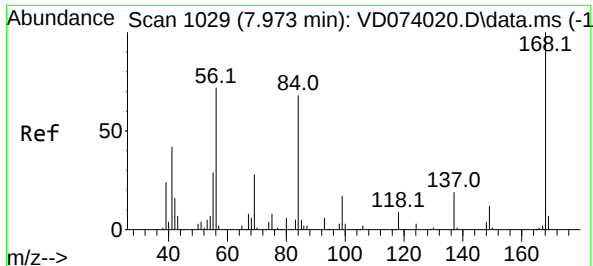
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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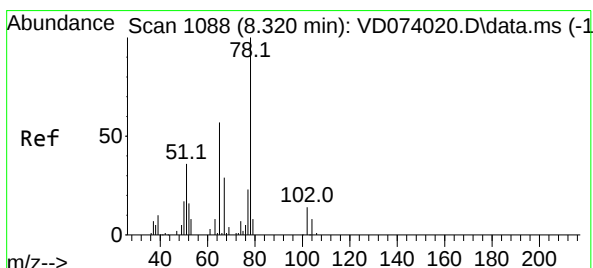
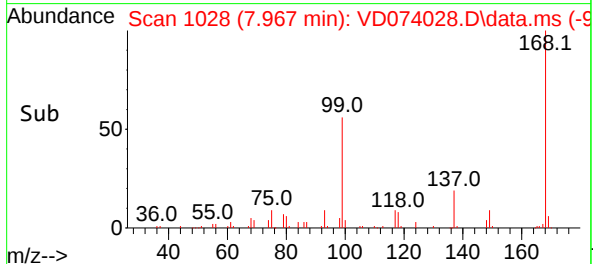
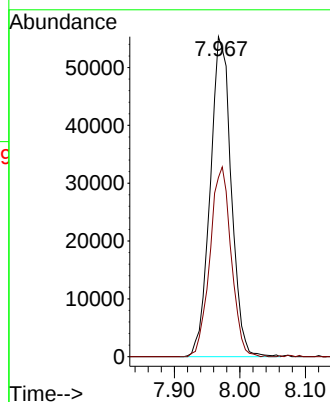
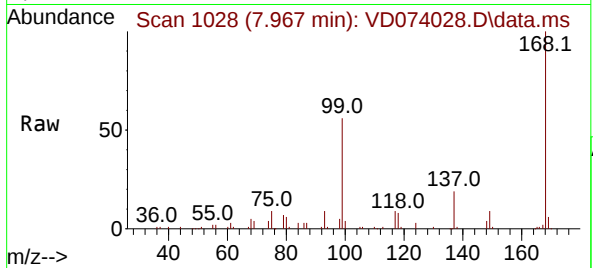




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074028.D
Acq: 10 Aug 2022 16:35

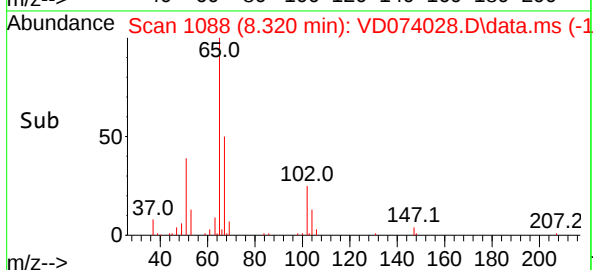
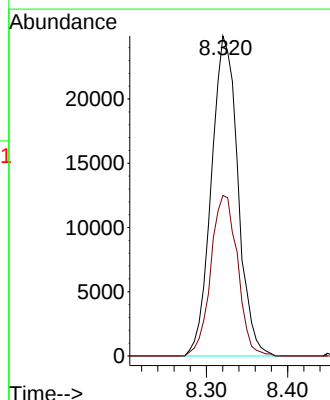
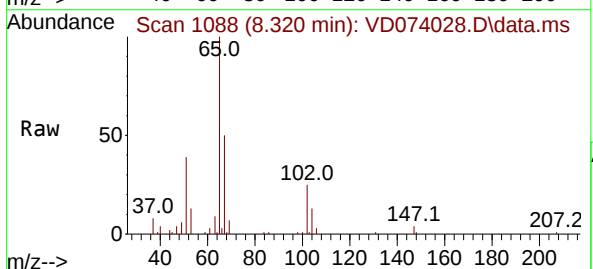
Instrument :
MSVOA_D
ClientSampleId :
S-6

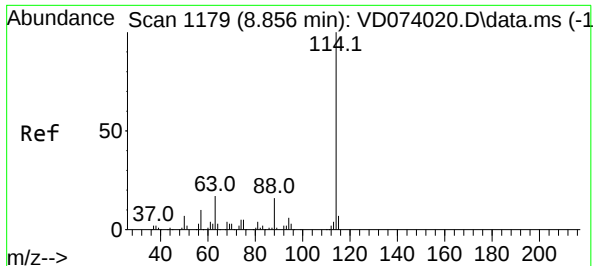
Tgt Ion:168 Resp: 123364
Ion Ratio Lower Upper
168 100
99 56.0 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 59.643 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074028.D
Acq: 10 Aug 2022 16:35

Tgt Ion: 65 Resp: 56637
Ion Ratio Lower Upper
65 100
67 50.5 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074028.D

Acq: 10 Aug 2022 16:35

Instrument :

MSVOA_D

ClientSampleId :

S-6

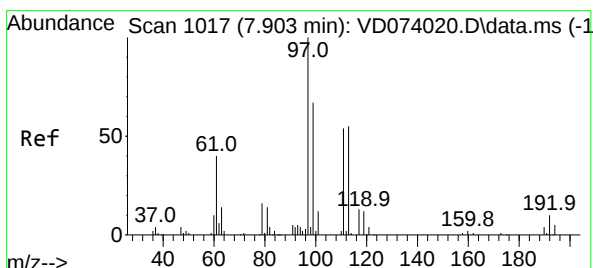
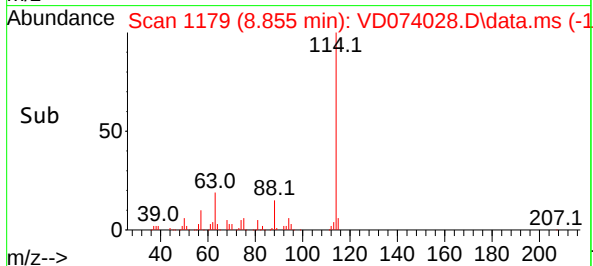
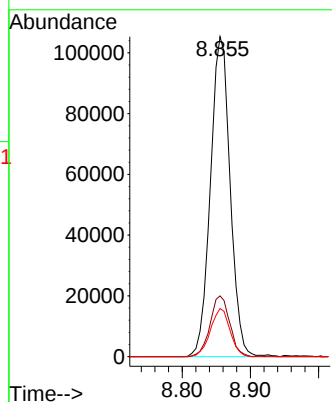
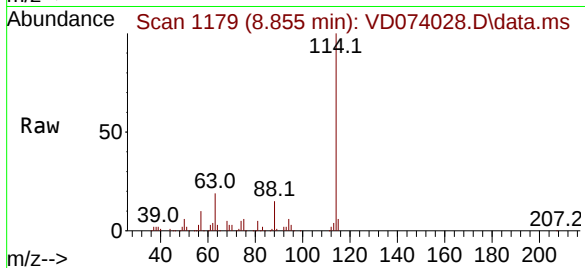
Tgt Ion:114 Resp: 212118

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.0

88 15.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 46.838 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074028.D

Acq: 10 Aug 2022 16:35

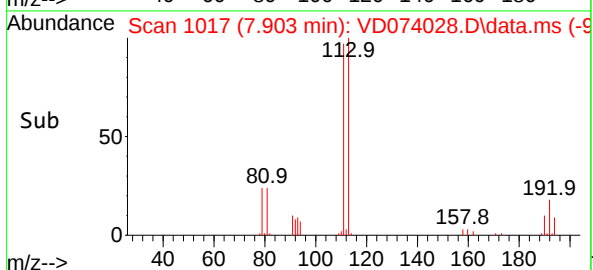
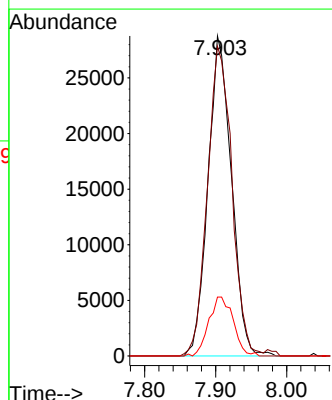
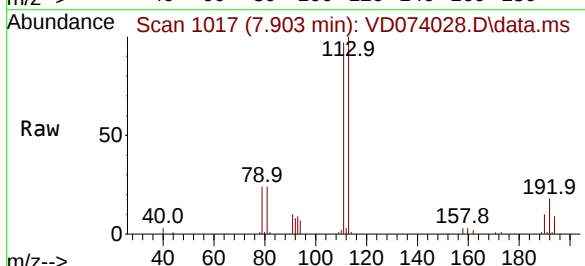
Tgt Ion:113 Resp: 65989

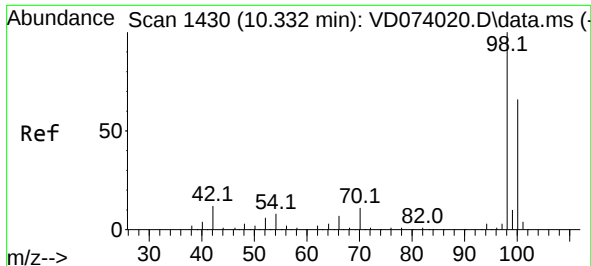
Ion Ratio Lower Upper

113 100

111 101.0 80.0 120.0

192 19.2 14.2 21.4

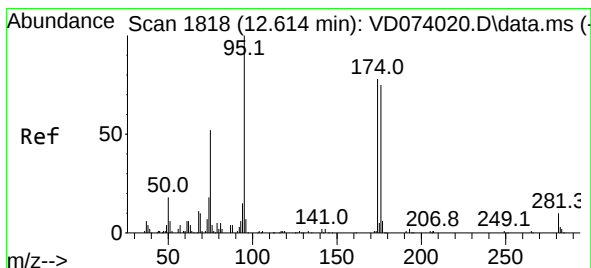
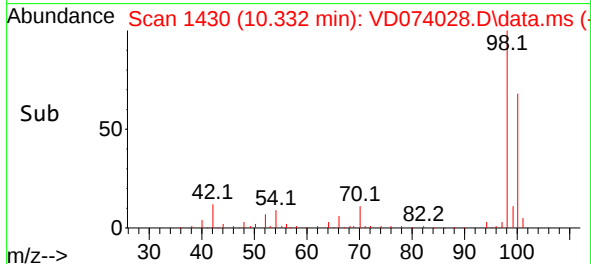
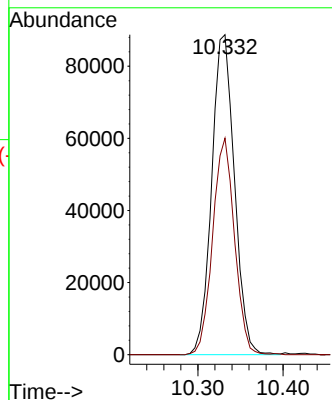
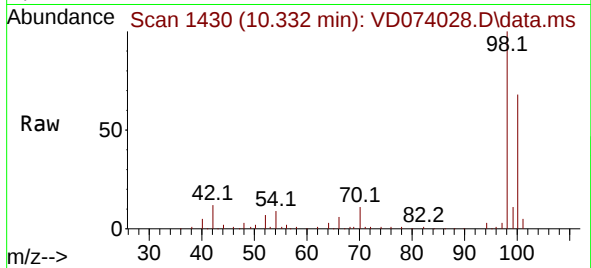




#50
Toluene-d8
Concen: 43.910 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074028.D
Acq: 10 Aug 2022 16:35

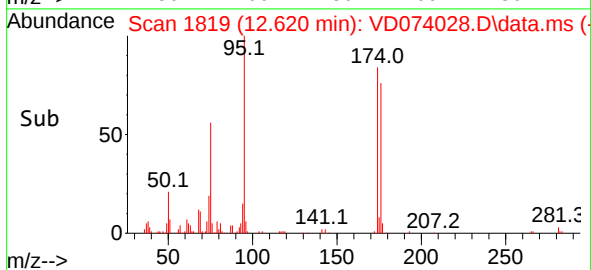
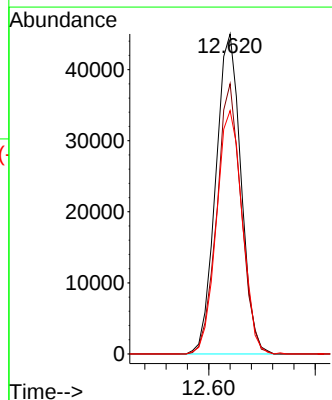
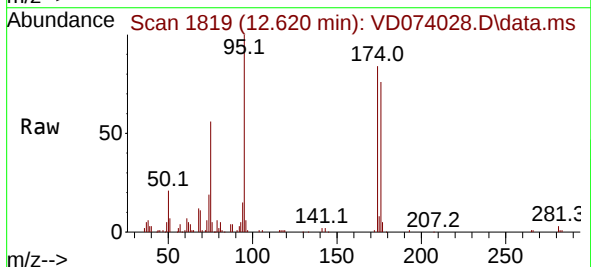
Instrument :
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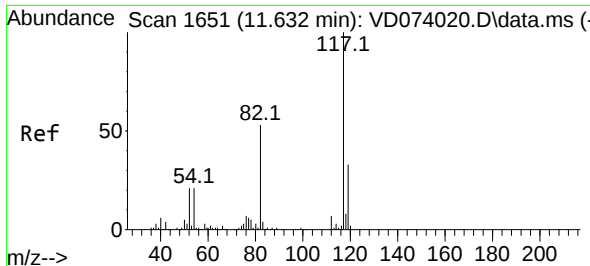
Tgt Ion: 98 Resp: 164378
Ion Ratio Lower Upper
98 100
100 65.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 42.658 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074028.D
Acq: 10 Aug 2022 16:35

Tgt Ion: 95 Resp: 73907
Ion Ratio Lower Upper
95 100
174 81.4 0.0 162.6
176 77.8 0.0 160.0

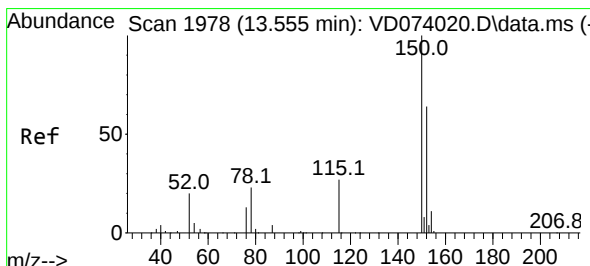
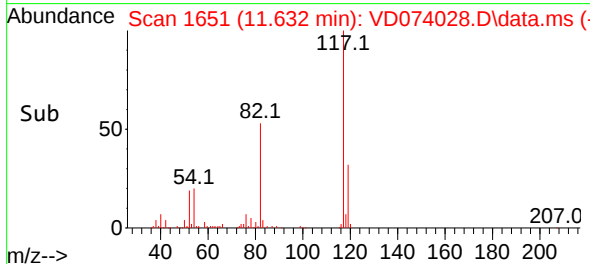
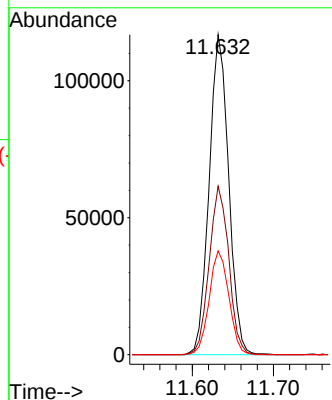
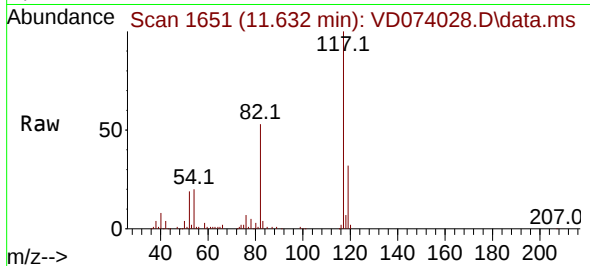




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074028.D
Acq: 10 Aug 2022 16:35

Instrument :
MSVOA_D
ClientSampleId :
S-6

Tgt Ion:117 Resp: 194998
Ion Ratio Lower Upper
117 100
82 52.7 42.7 64.1
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074028.D
Acq: 10 Aug 2022 16:35

Tgt Ion:152 Resp: 86711
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.8
150 153.0 0.0 342.8

