

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075065.D
 Acq On : 28 Dec 2022 14:56
 Operator : KP/SY
 Sample : N6212-01
 Misc : 4.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Dec 29 03:51:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	108344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	265664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	249358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	109835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73870	69.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.500%
35) Dibromofluoromethane	7.805	113	82334	52.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.269	98	325413	51.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.575	95	110937	54.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.420%

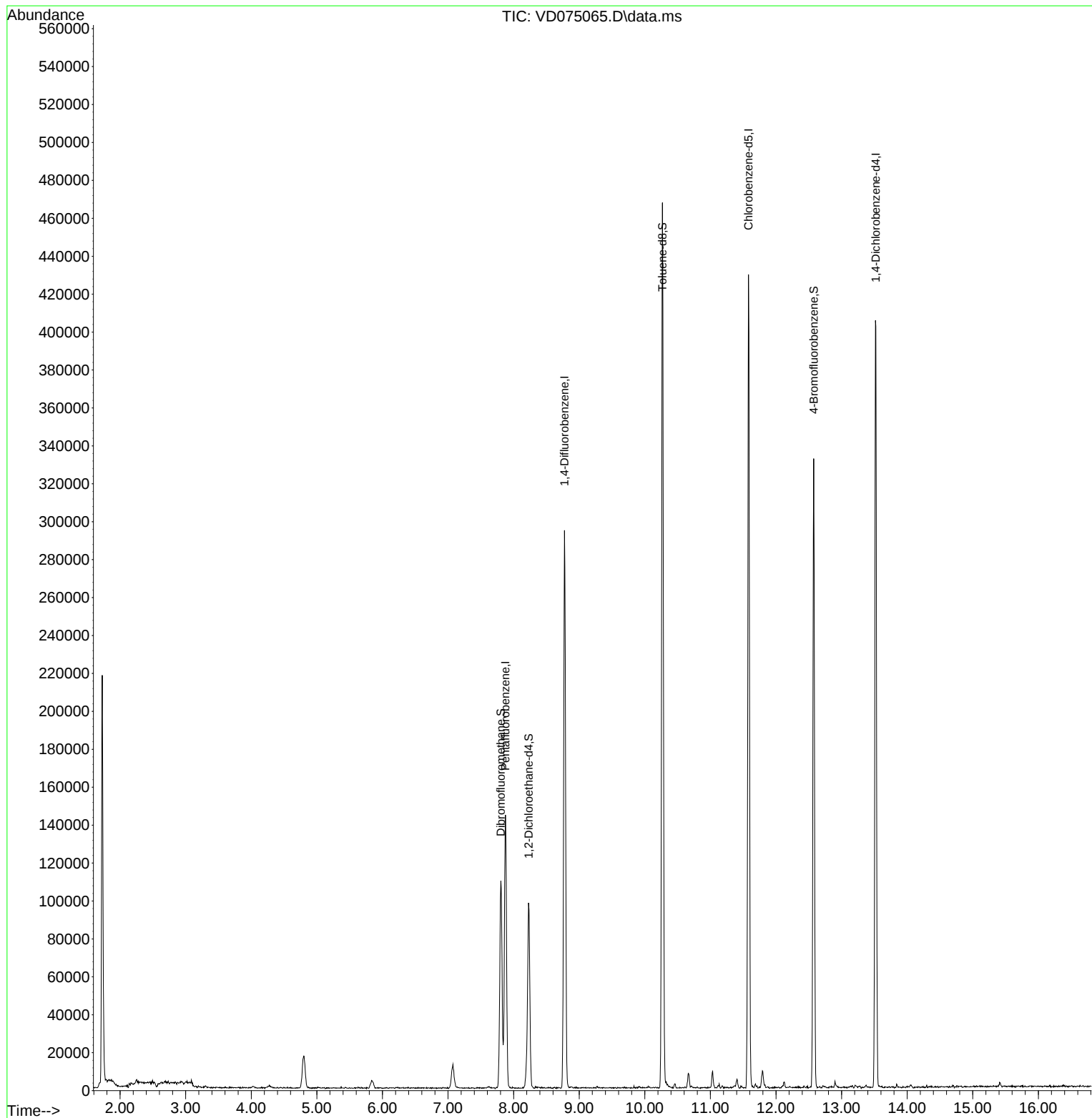
Target Compounds	Qvalue

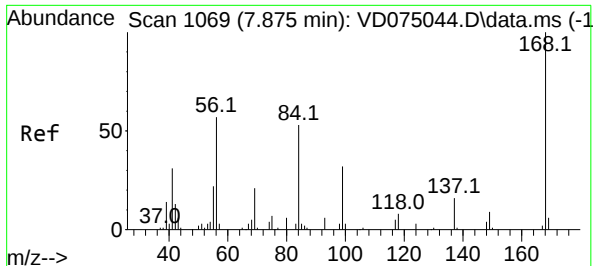
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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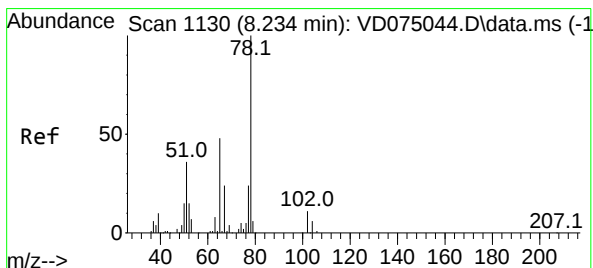
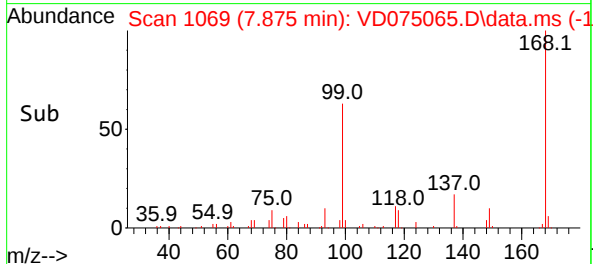
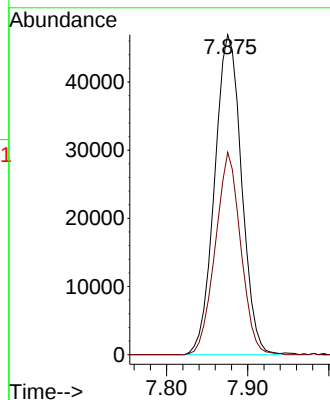
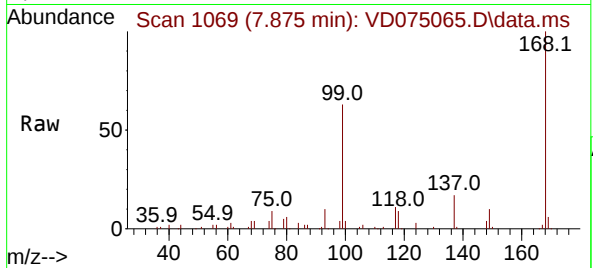




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

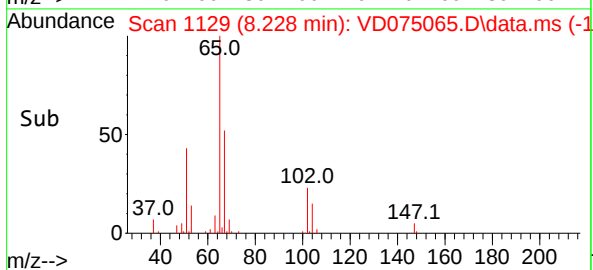
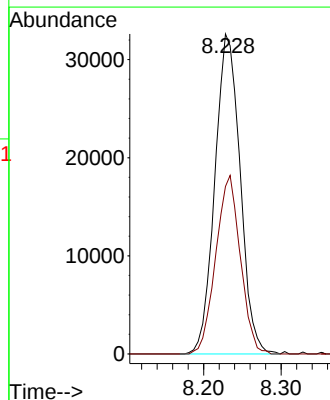
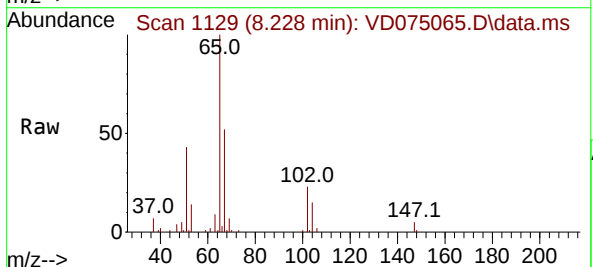
Instrument :
MSVOA_D
ClientSampleId :
TP-1

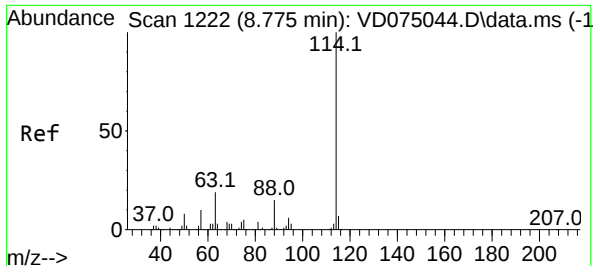
Tgt Ion:168 Resp: 108344
Ion Ratio Lower Upper
168 100
99 63.3 40.3 60.5#



#33
1,2-Dichloroethane-d4
Concen: 69.753 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

Tgt Ion: 65 Resp: 73870
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075065.D

Acq: 28 Dec 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

TP-1

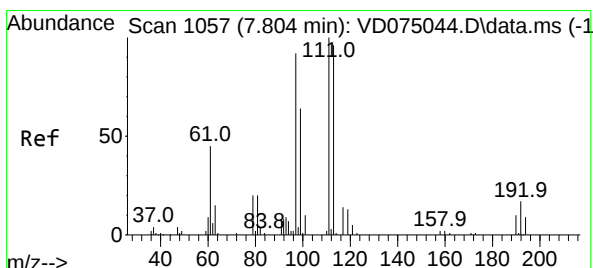
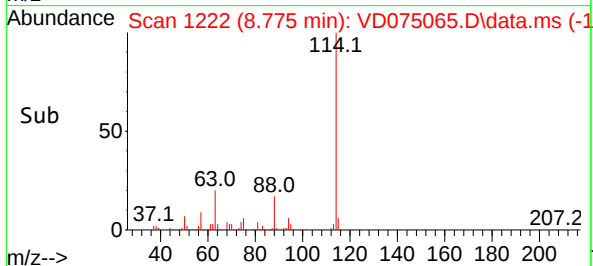
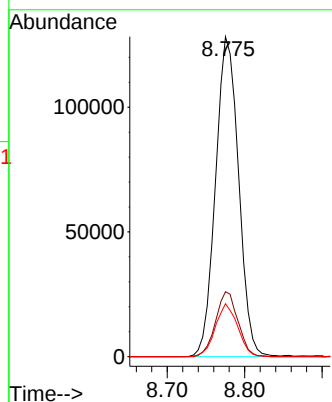
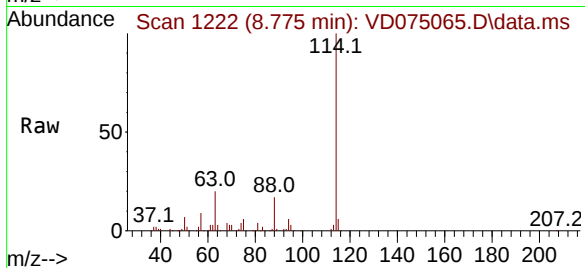
Tgt Ion:114 Resp: 265664

Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.8

88 16.6 0.0 27.8



#35

Dibromofluoromethane

Concen: 52.668 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075065.D

Acq: 28 Dec 2022 14:56

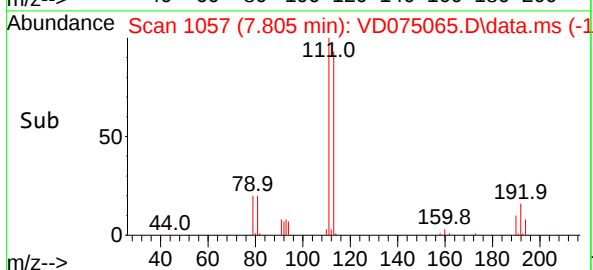
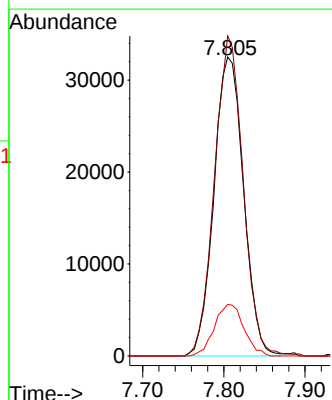
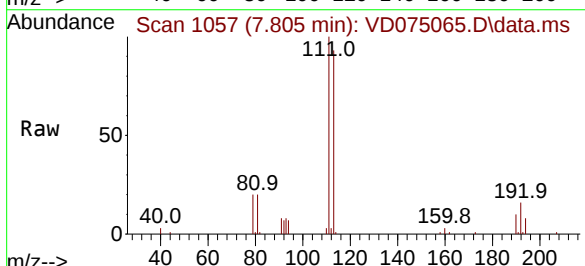
Tgt Ion:113 Resp: 82334

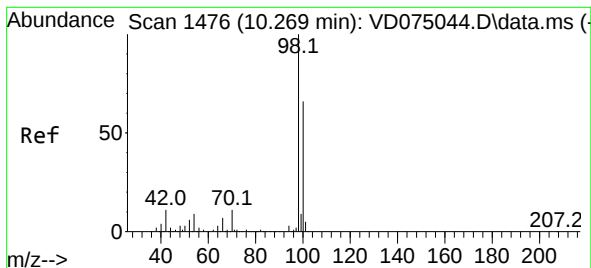
Ion Ratio Lower Upper

113 100

111 103.7 82.1 123.1

192 17.2 15.1 22.7





#50

Toluene-d8

Concen: 51.518 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075065.D

Acq: 28 Dec 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

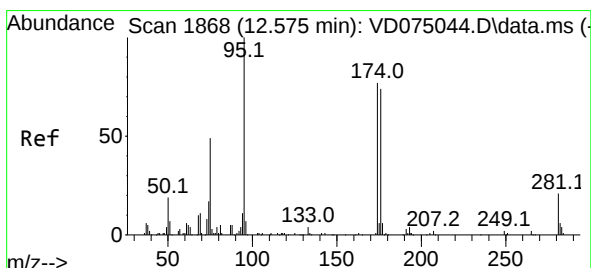
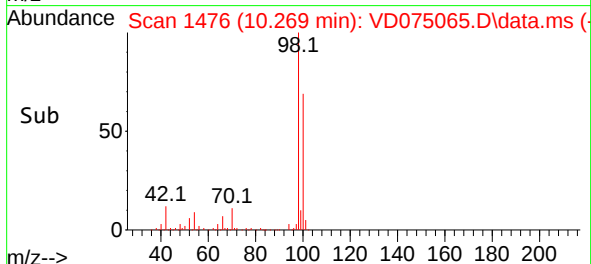
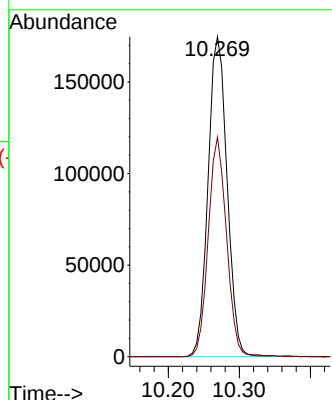
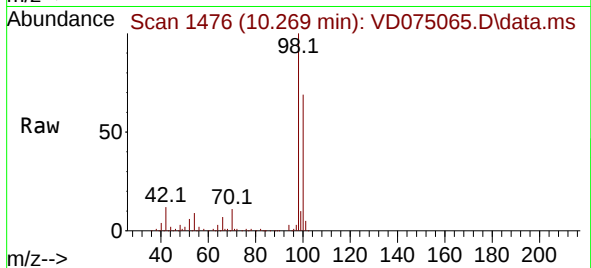
TP-1

Tgt Ion: 98 Resp: 325413

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 54.214 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075065.D

Acq: 28 Dec 2022 14:56

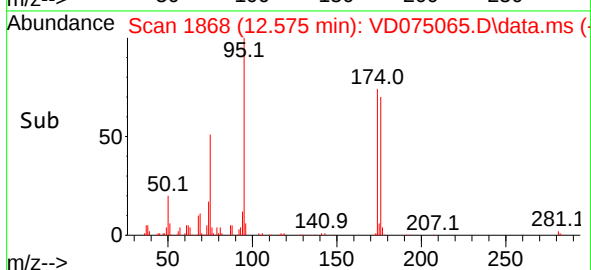
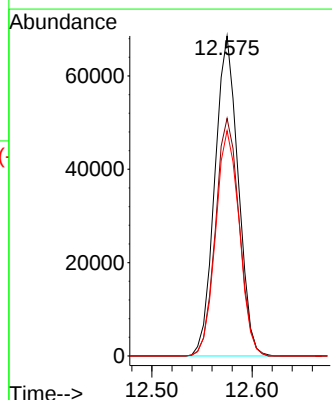
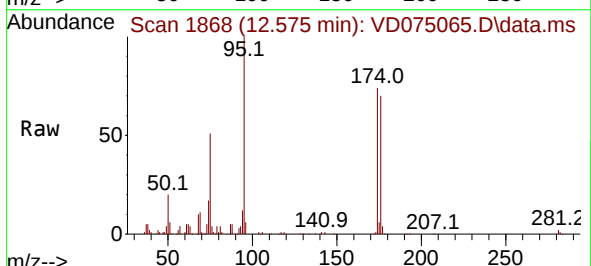
Tgt Ion: 95 Resp: 110937

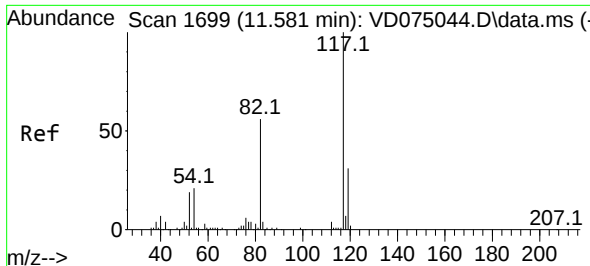
Ion Ratio Lower Upper

95 100

174 75.3 0.0 171.2

176 71.4 0.0 165.0

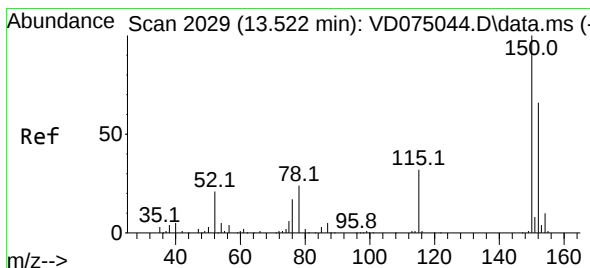
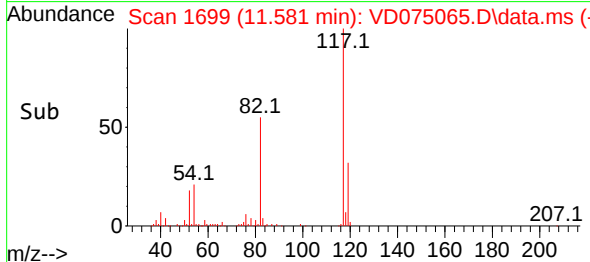
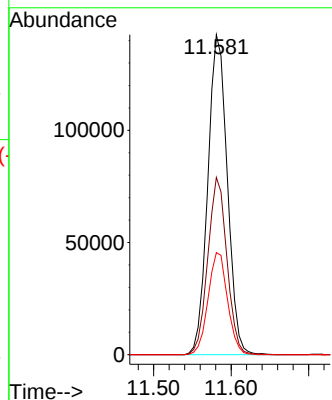
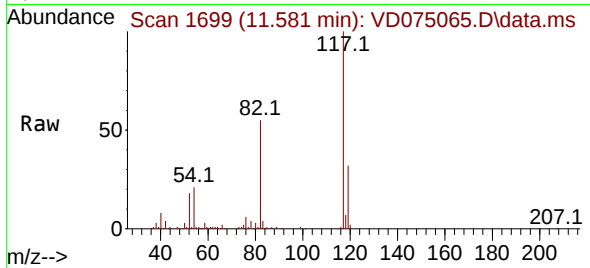




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 249358
Ion Ratio Lower Upper
117 100
82 55.4 40.9 61.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

Tgt Ion:152 Resp: 109835
Ion Ratio Lower Upper
152 100
115 61.0 28.8 86.5
150 156.9 0.0 354.2

