

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122722\
 Data File : VD075051.D
 Acq On : 27 Dec 2022 14:01
 Operator : KP/SY
 Sample : VD1227SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBL01

Quant Time: Dec 28 01:52:06 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	138817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	308233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	132140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79876	58.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.740%
35) Dibromofluoromethane	7.804	113	94382	52.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.269	98	375441	51.230	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.575	95	133493	56.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.460%

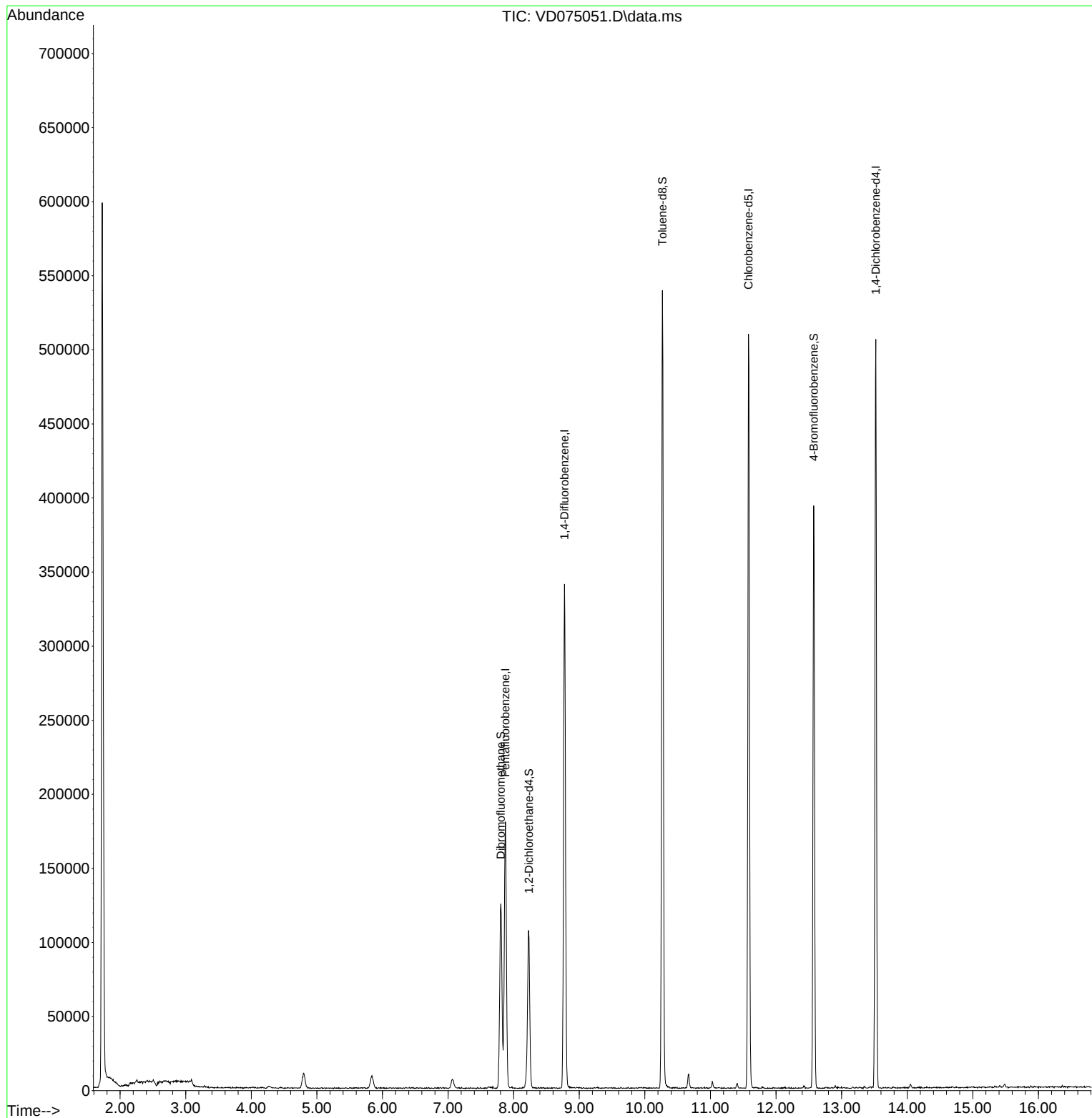
Target Compounds	Qvalue

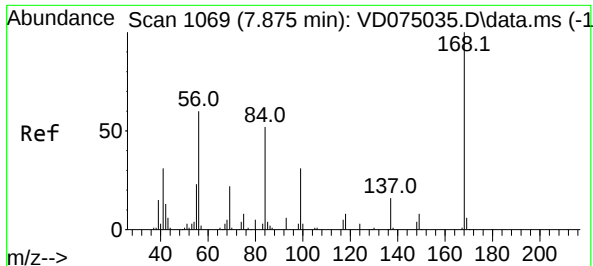
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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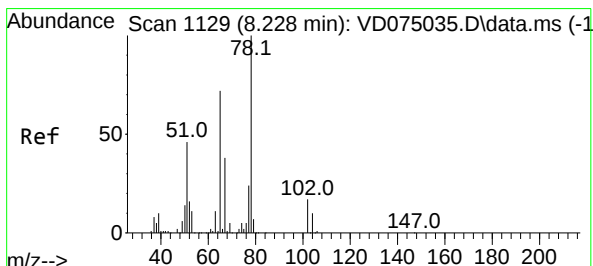
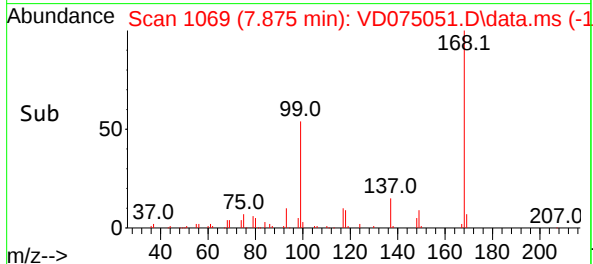
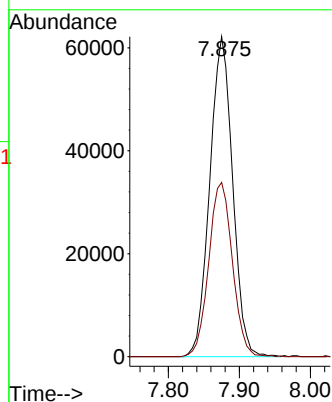
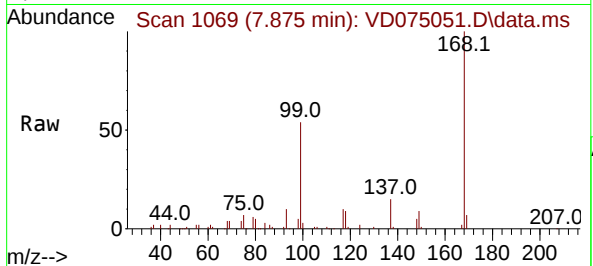




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

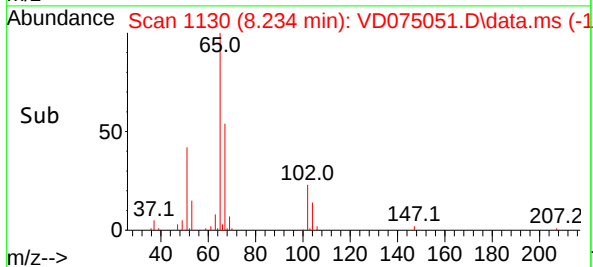
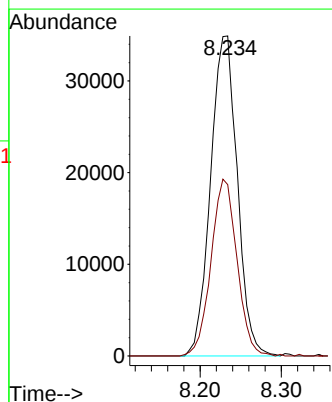
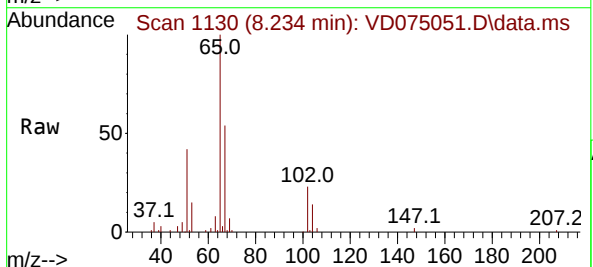
Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

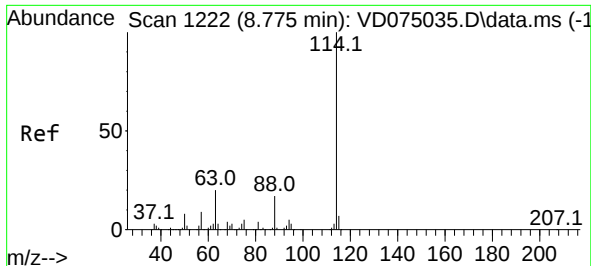
Tgt Ion:168 Resp: 138817
Ion Ratio Lower Upper
168 100
99 54.4 40.3 60.5



#33
1,2-Dichloroethane-d4
Concen: 58.867 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

Tgt Ion: 65 Resp: 79876
Ion Ratio Lower Upper
65 100
67 53.7 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075051.D

Acq: 27 Dec 2022 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBL01

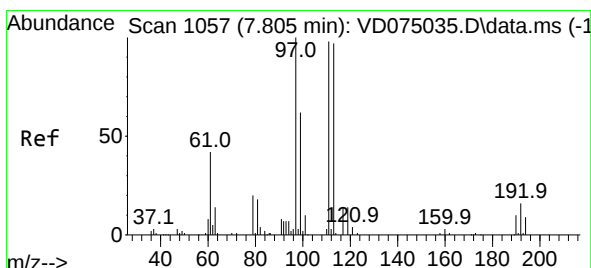
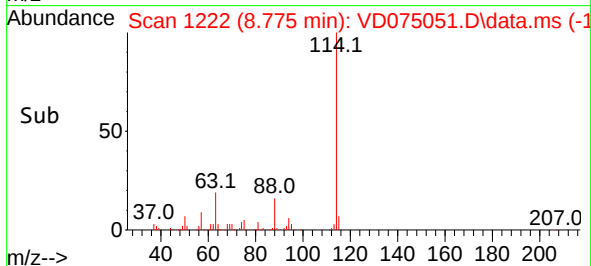
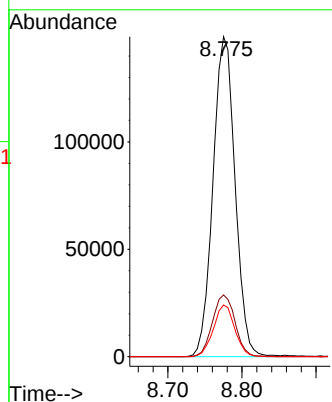
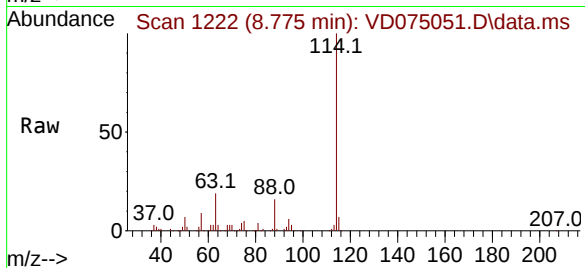
Tgt Ion:114 Resp: 308233

Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.8

88 16.2 0.0 27.8



#35

Dibromofluoromethane

Concen: 52.036 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075051.D

Acq: 27 Dec 2022 14:01

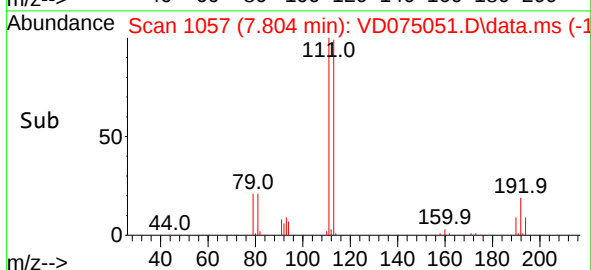
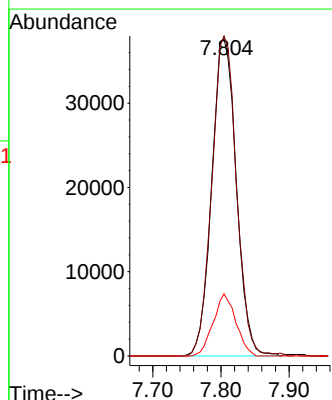
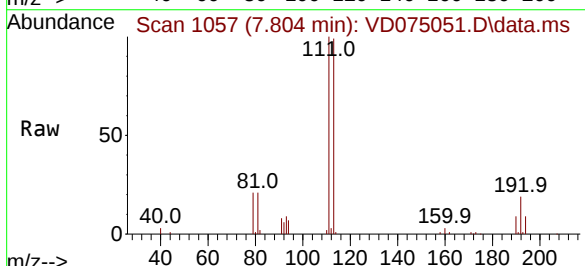
Tgt Ion:113 Resp: 94382

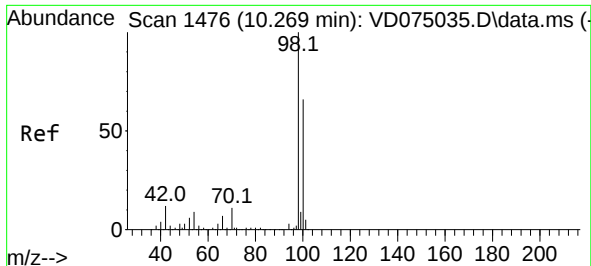
Ion Ratio Lower Upper

113 100

111 100.8 82.1 123.1

192 18.0 15.1 22.7

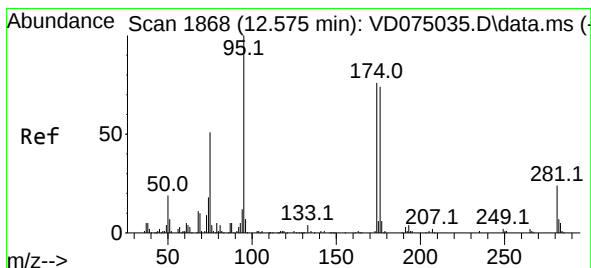
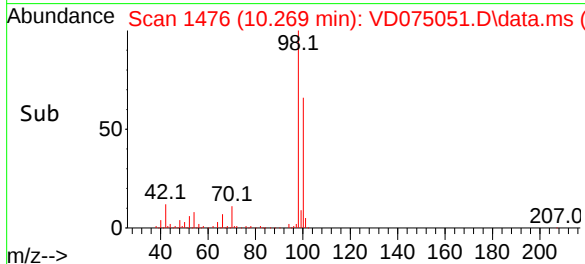
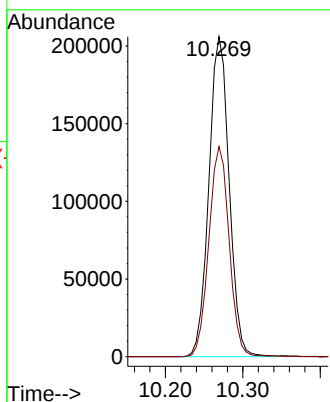
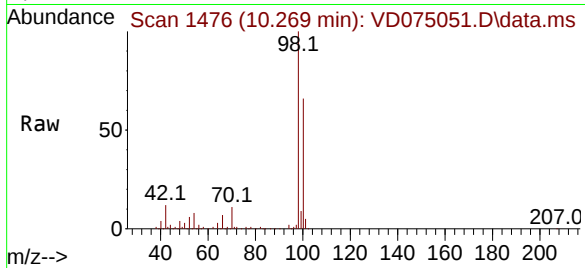




#50
Toluene-d8
Concen: 51.230 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

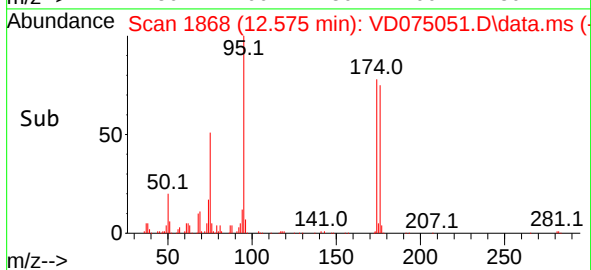
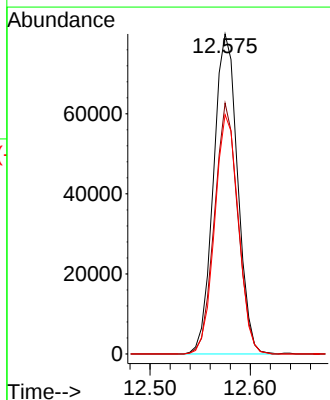
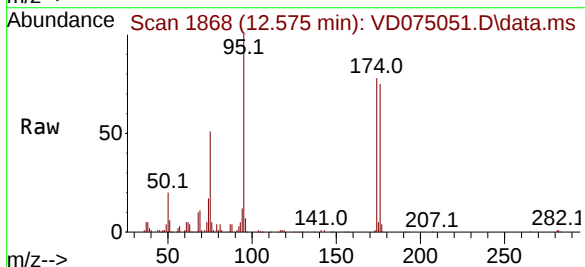
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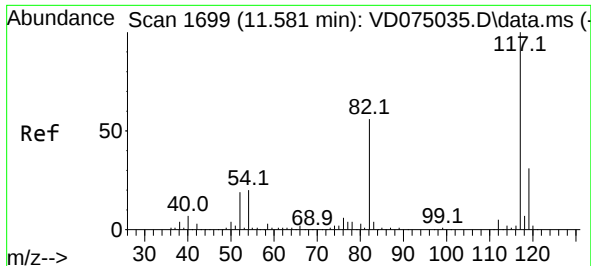
Tgt Ion: 98 Resp: 375441
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 56.227 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

Tgt Ion: 95 Resp: 133493
Ion Ratio Lower Upper
95 100
174 75.7 0.0 171.2
176 73.3 0.0 165.0

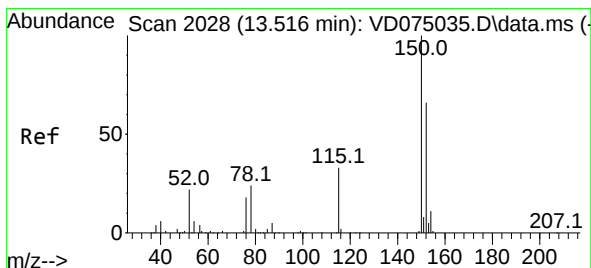
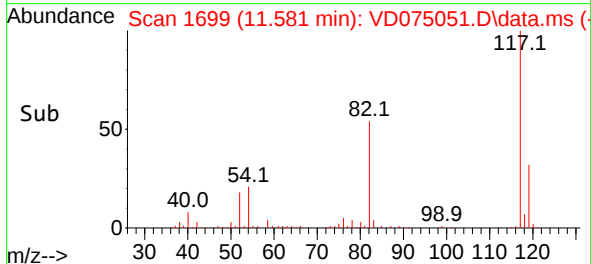
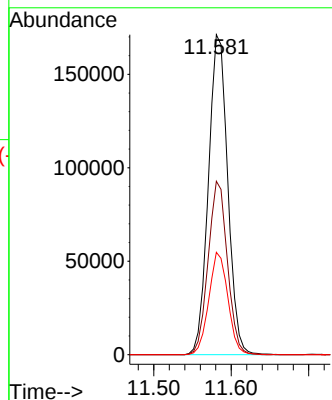
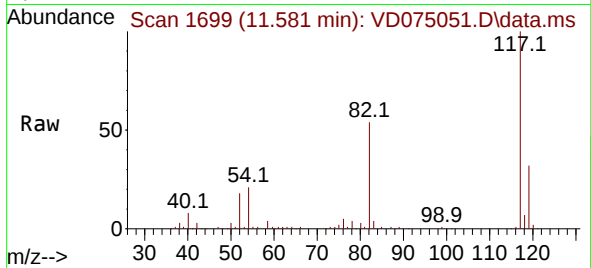




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075051.D
Acq: 27 Dec 2022 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

Tgt Ion:117 Resp: 295667
Ion Ratio Lower Upper
117 100
82 54.2 40.9 61.3
119 32.0 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: VD075051.D
Acq: 27 Dec 2022 14:01

Tgt Ion:152 Resp: 132140
Ion Ratio Lower Upper
152 100
115 60.4 28.8 86.5
150 157.1 0.0 354.2

