

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075060.D
 Acq On : 28 Dec 2022 12:34
 Operator : KP/SY
 Sample : VD1228SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBL01

Quant Time: Dec 29 03:48:42 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	130095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	231127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	86864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66988	52.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.360%
35) Dibromofluoromethane	7.804	113	70896	52.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.260%
50) Toluene-d8	10.269	98	277398	50.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.575	95	92628	52.031	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.060%

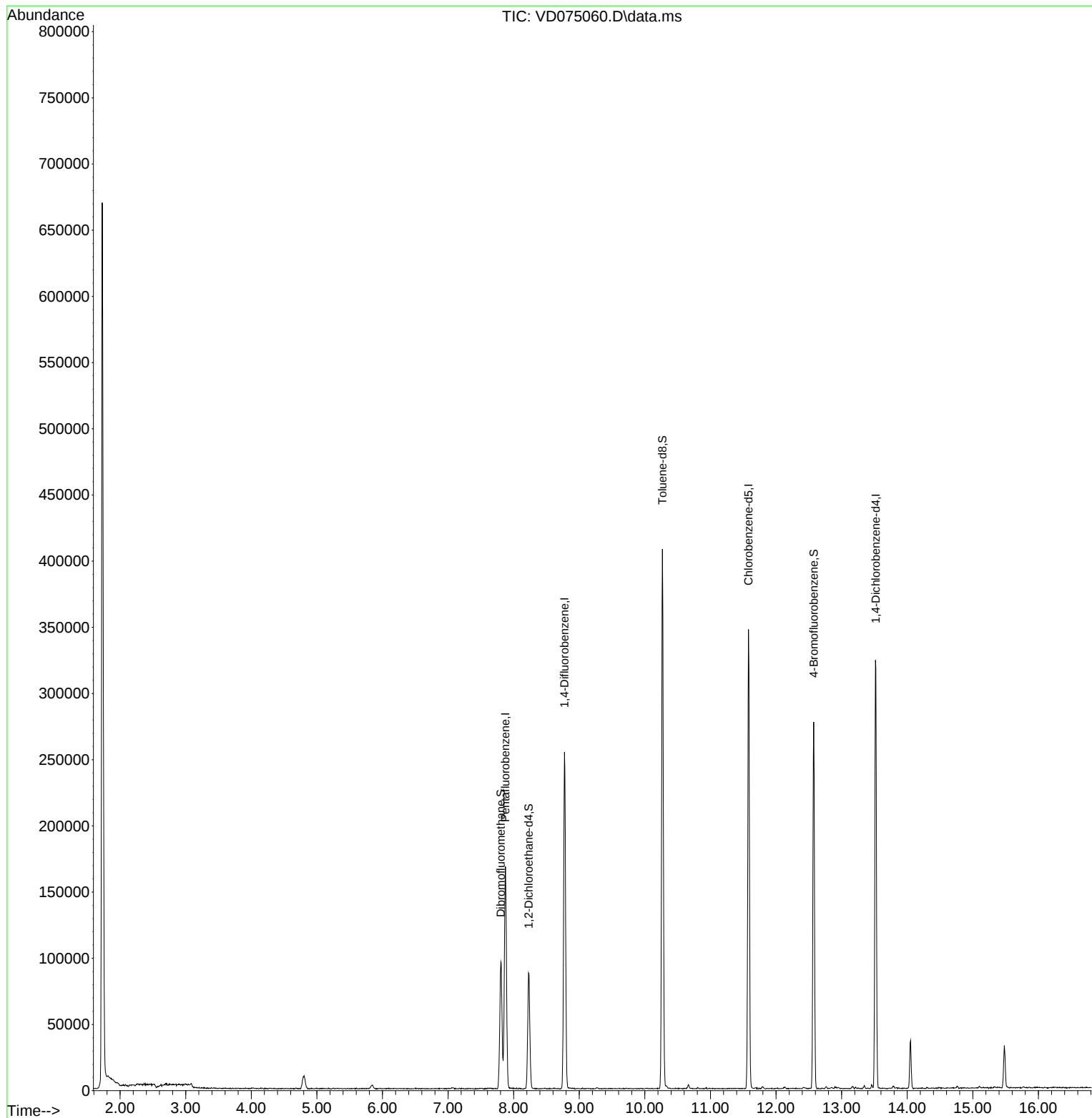
Target Compounds	Qvalue

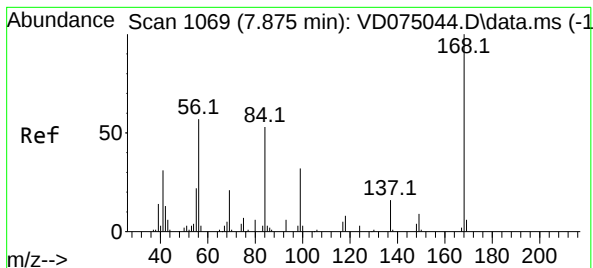
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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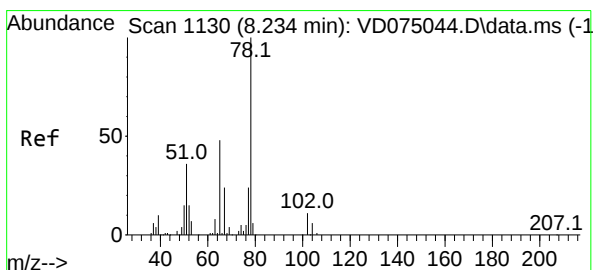
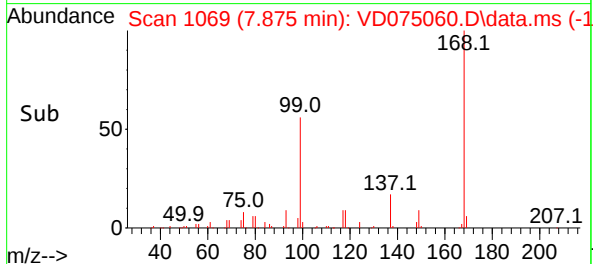
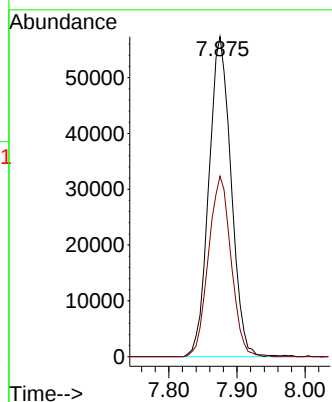
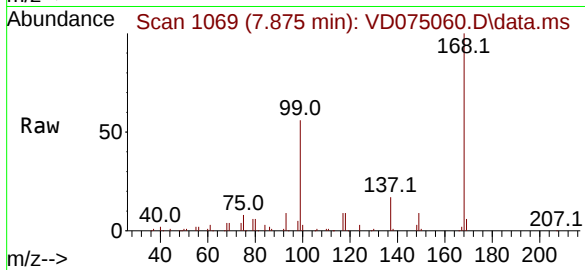




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

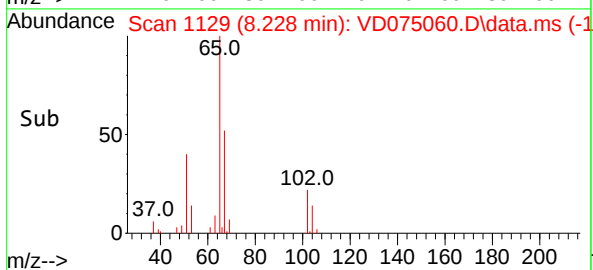
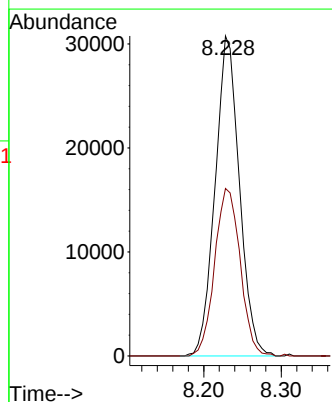
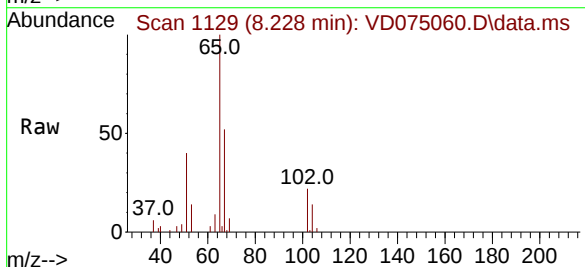
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

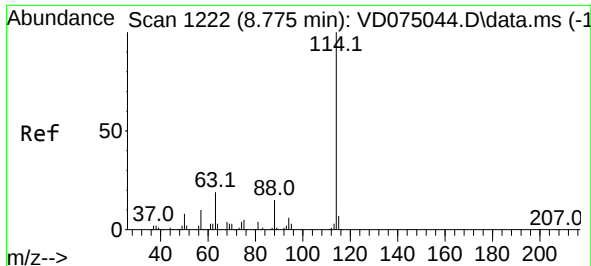
Tgt Ion:168 Resp: 130095
Ion Ratio Lower Upper
168 100
99 56.4 40.3 60.5



#33
1,2-Dichloroethane-d4
Concen: 52.679 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

Tgt Ion: 65 Resp: 66988
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 114

Delta R.T. 0.000 min

Lab File: VD075060.D

Acq: 28 Dec 2022 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBL01

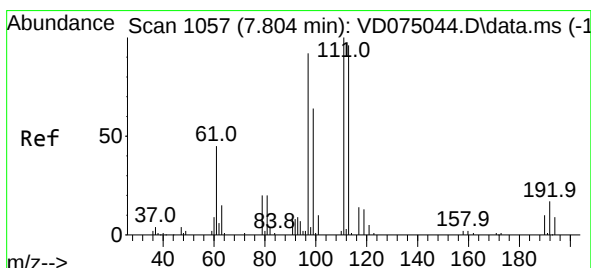
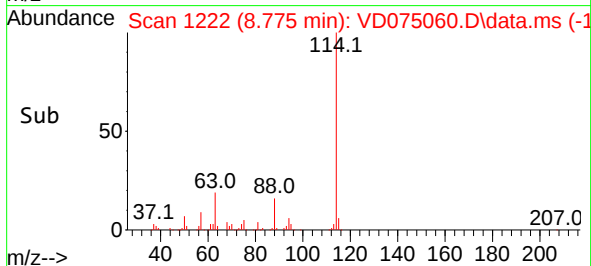
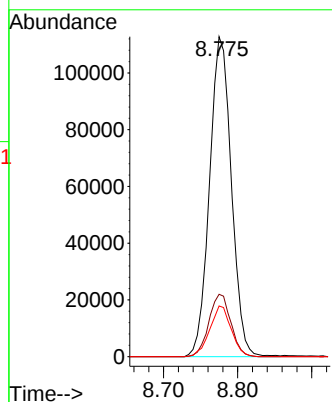
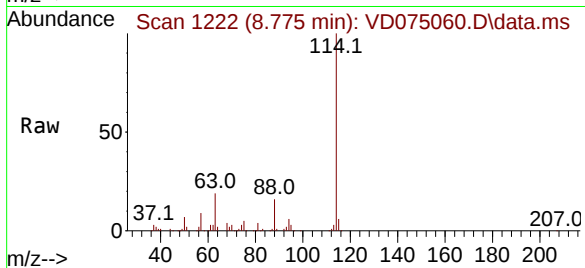
Tgt Ion:114 Resp: 231127

Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.8

88 15.9 0.0 27.8



#35

Dibromofluoromethane

Concen: 52.128 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075060.D

Acq: 28 Dec 2022 12:34

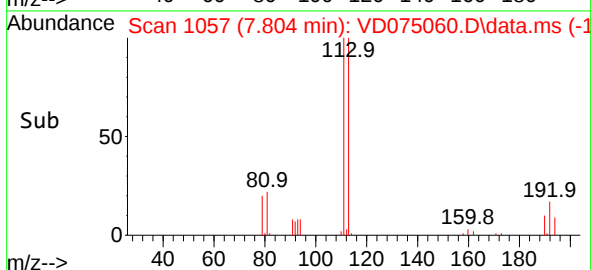
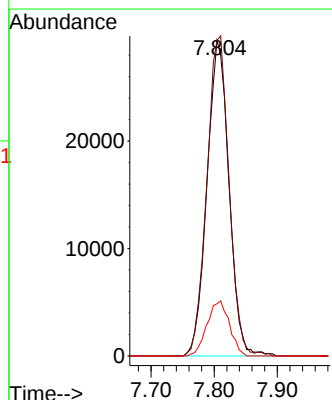
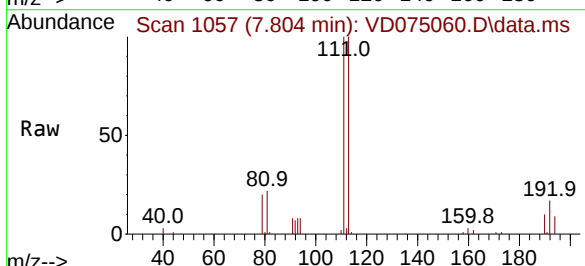
Tgt Ion:113 Resp: 70896

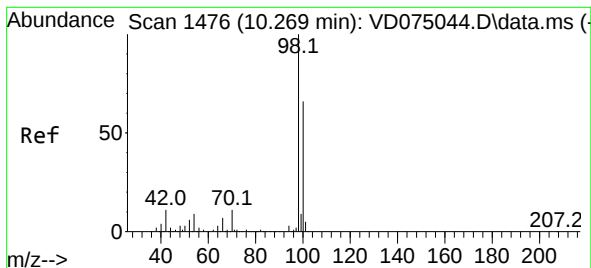
Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 17.8 15.1 22.7

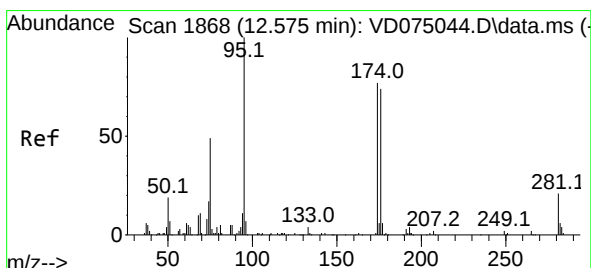
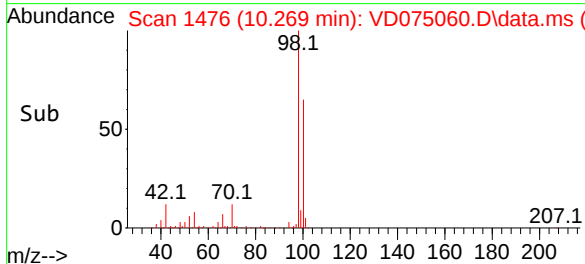
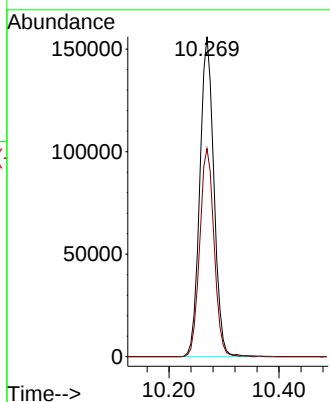
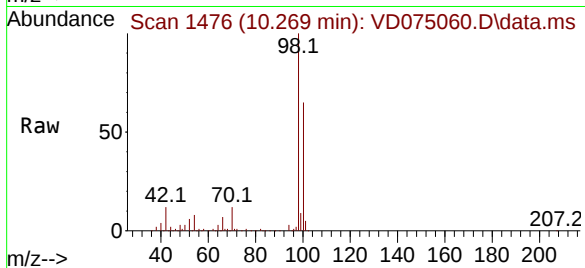




#50
Toluene-d8
Concen: 50.479 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

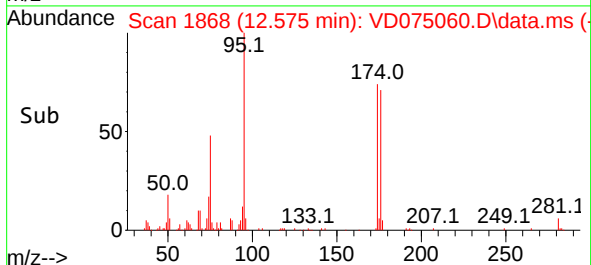
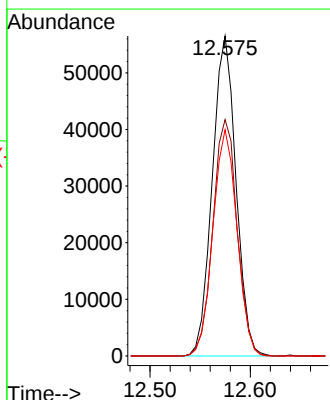
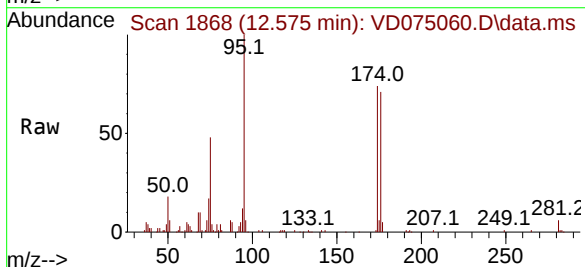
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

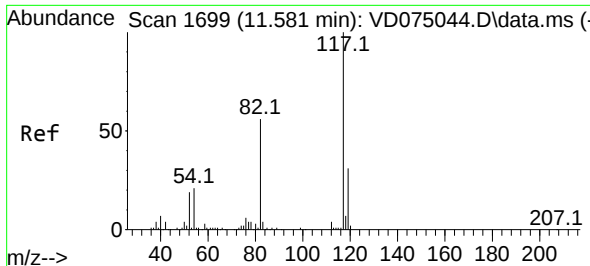
Tgt Ion: 98 Resp: 277398
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 52.031 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

Tgt Ion: 95 Resp: 92628
Ion Ratio Lower Upper
95 100
174 75.6 0.0 171.2
176 72.0 0.0 165.0

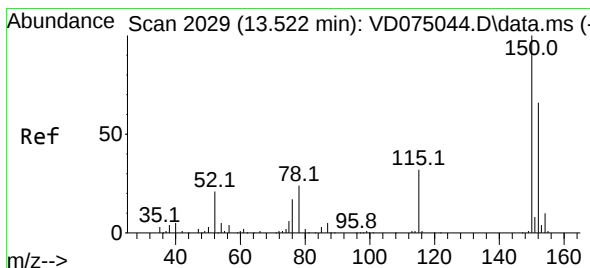
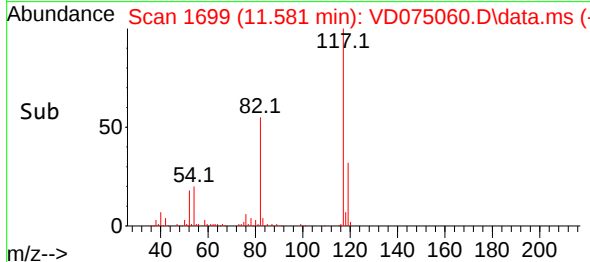
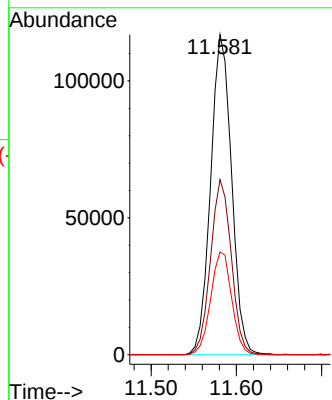
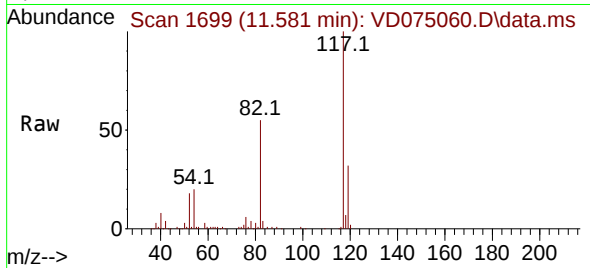




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

Tgt Ion:117 Resp: 199825
Ion Ratio Lower Upper
117 100
82 54.7 40.9 61.3
119 32.1 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: VD075060.D
Acq: 28 Dec 2022 12:34

Tgt Ion:152 Resp: 86864
Ion Ratio Lower Upper
152 100
115 60.1 28.8 86.5
150 157.4 0.0 354.2

