

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074428.D
 Acq On : 26 Sep 2022 19:31
 Operator : VA/SY
 Sample : N4764-04
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-01

Quant Time: Sep 27 04:11:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	64618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	109041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	101288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	51043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29717	53.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.840%
35) Dibromofluoromethane	7.804	113	38762	53.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.040%
50) Toluene-d8	10.269	98	127801	51.538	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.080%
62) 4-Bromofluorobenzene	12.569	95	41639	47.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.680%

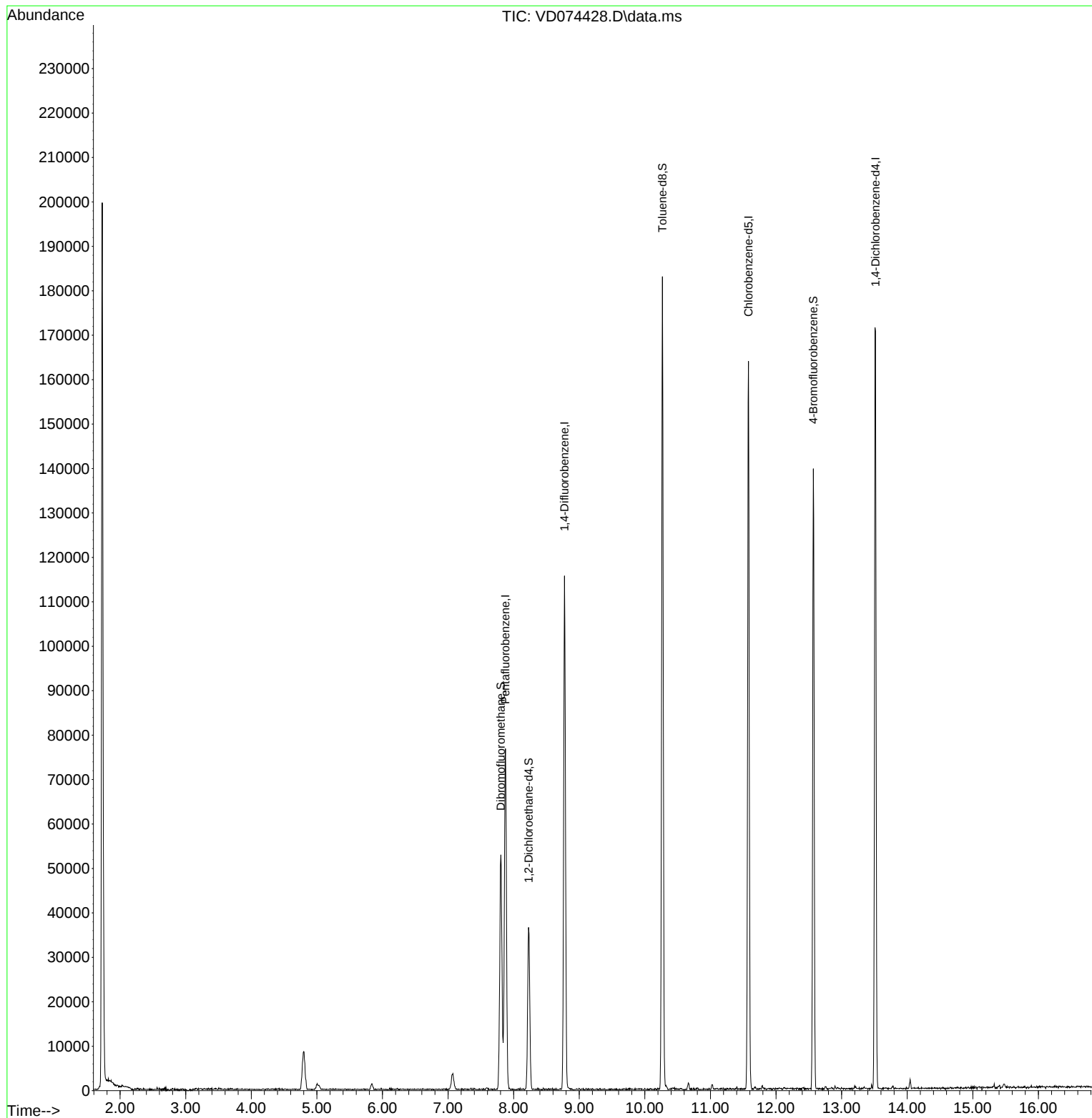
Target Compounds	Qvalue

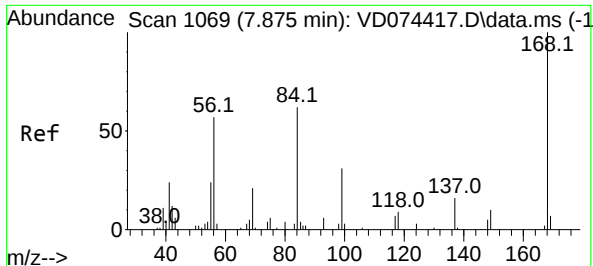
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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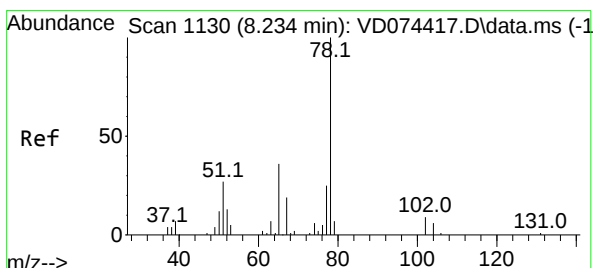
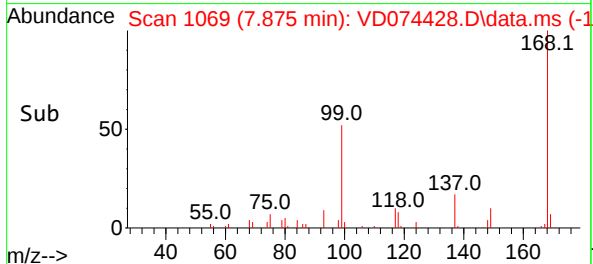
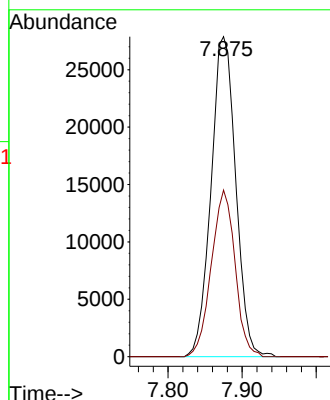
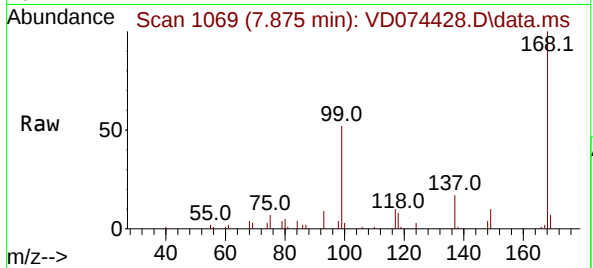




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

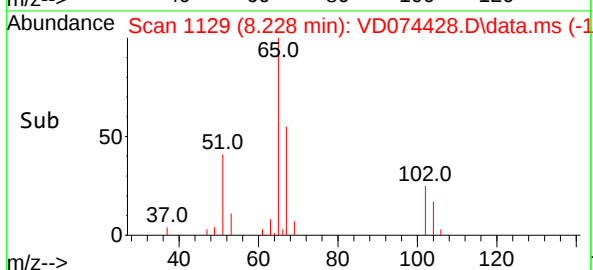
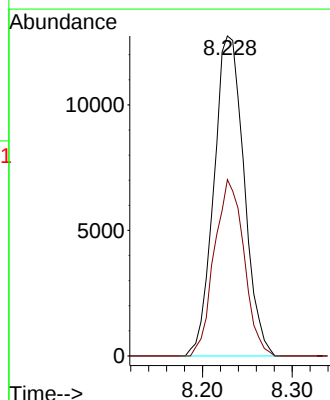
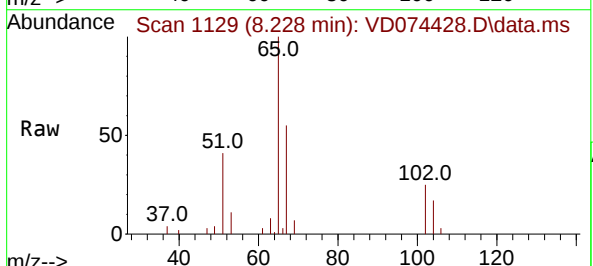
Instrument :
MSVOA_D
ClientSampleId :
RBR-01

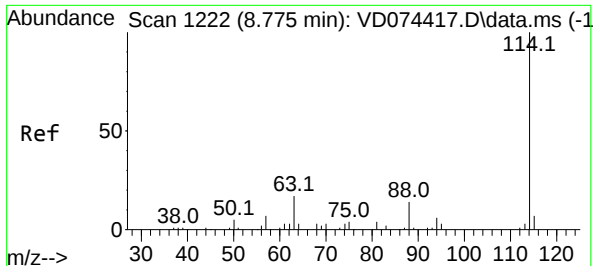
Tgt Ion:168 Resp: 64618
Ion Ratio Lower Upper
168 100
99 52.0 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 53.417 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

Tgt Ion: 65 Resp: 29717
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074428.D

Acq: 26 Sep 2022 19:31

Instrument :

MSVOA_D

ClientSampleId :

RBR-01

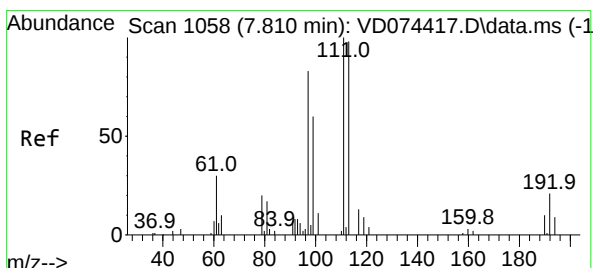
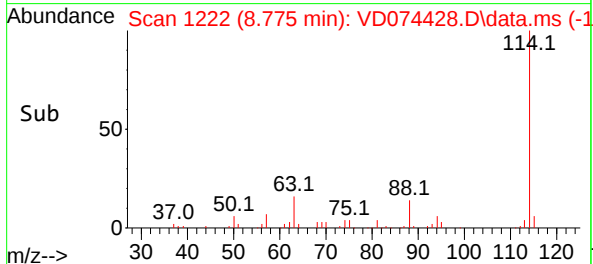
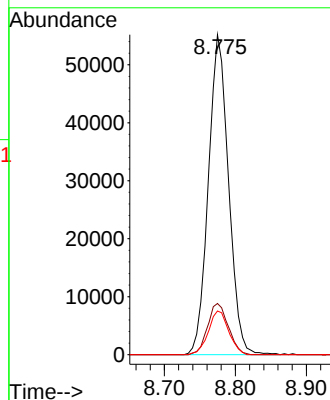
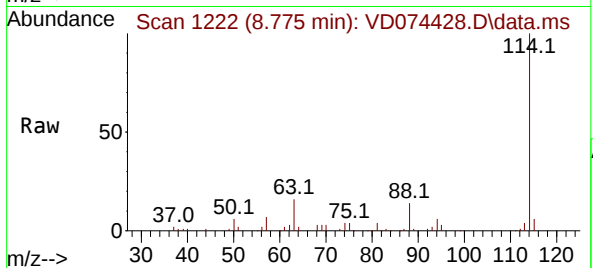
Tgt Ion:114 Resp: 109041

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.015 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD074428.D

Acq: 26 Sep 2022 19:31

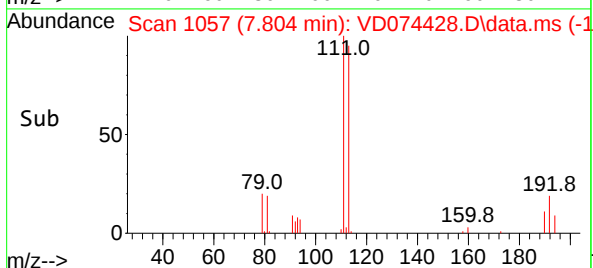
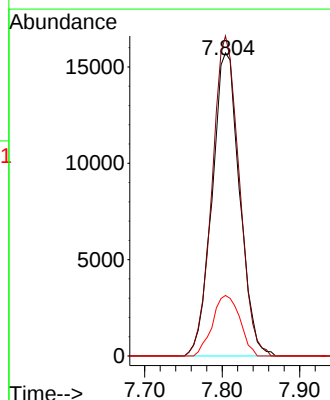
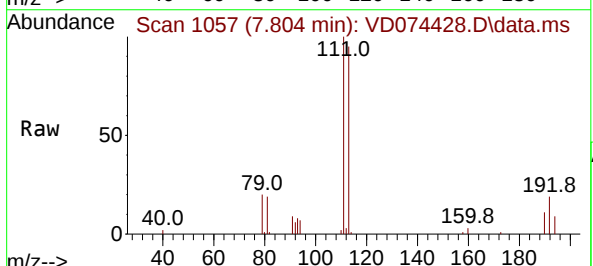
Tgt Ion:113 Resp: 38762

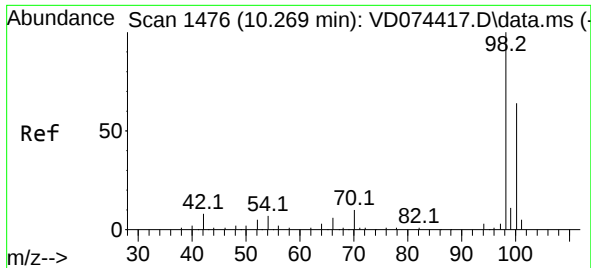
Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 19.8 16.4 24.6

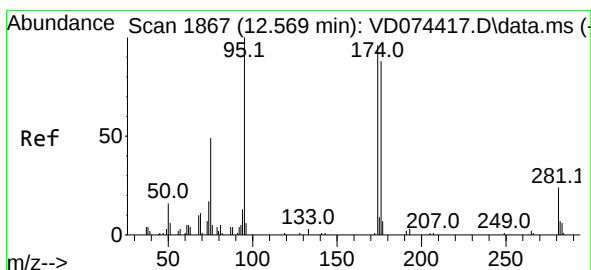
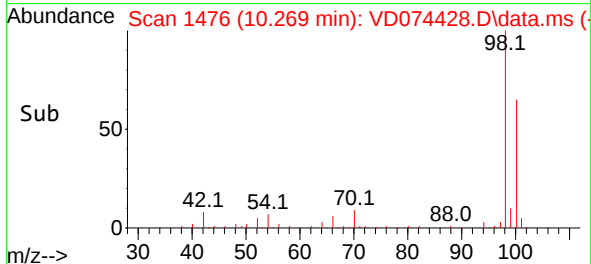
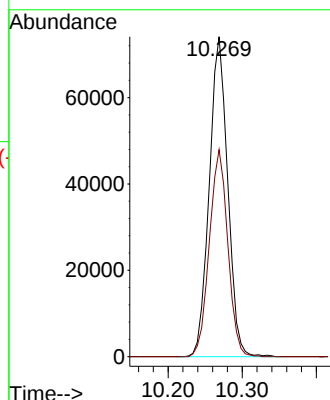
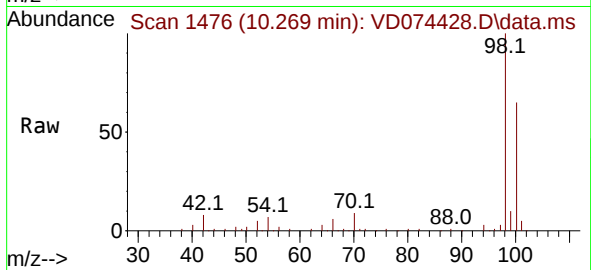




#50
Toluene-d8
Concen: 51.538 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

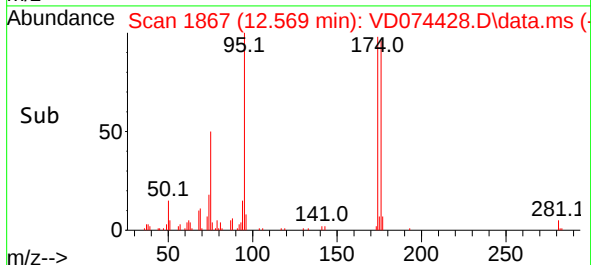
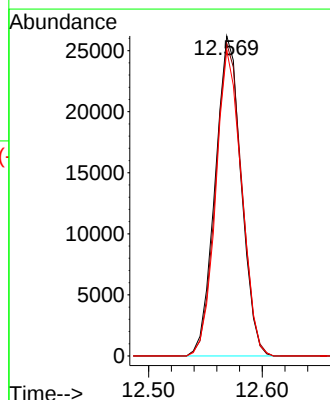
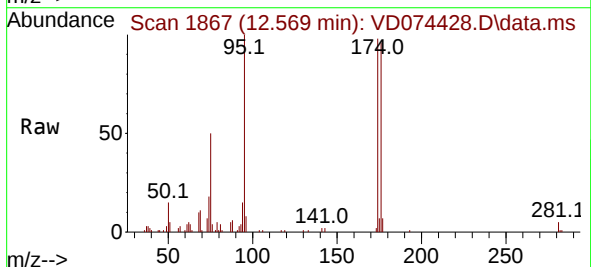
Instrument :
MSVOA_D
ClientSampleId :
RBR-01

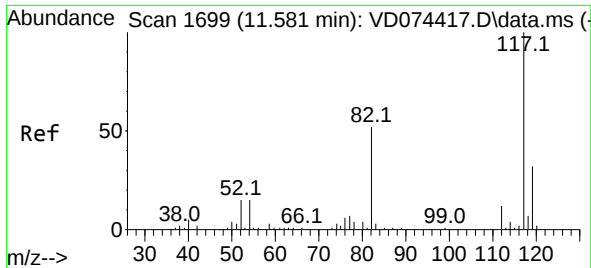
Tgt Ion: 98 Resp: 127801
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.837 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

Tgt Ion: 95 Resp: 41639
Ion Ratio Lower Upper
95 100
174 98.1 0.0 197.0
176 94.5 0.0 182.6

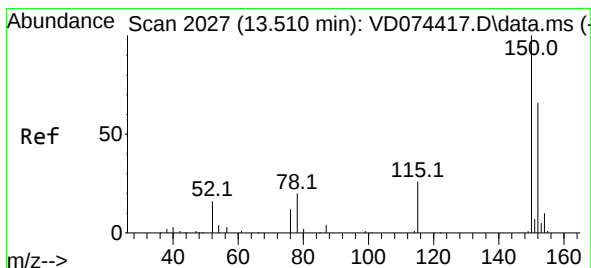
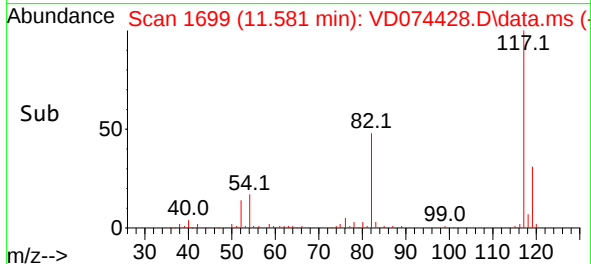
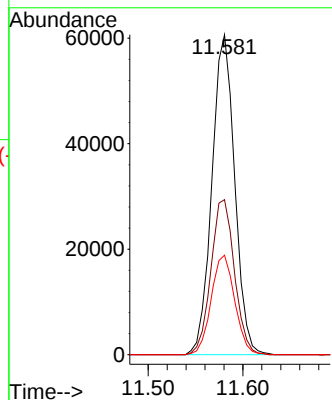
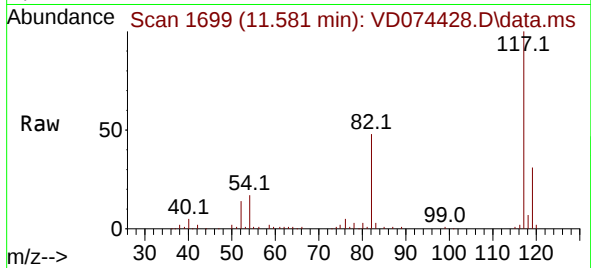




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :
RBR-01

Tgt Ion:117 Resp: 101288
Ion Ratio Lower Upper
117 100
82 48.5 41.6 62.4
119 31.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074428.D
Acq: 26 Sep 2022 19:31

Tgt Ion:152 Resp: 51043
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 159.5 0.0 348.2

