

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074447.D
 Acq On : 27 Sep 2022 16:08
 Operator : VA/SY
 Sample : N4809-07
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-0923

Quant Time: Sep 28 04:41:04 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	59443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	97184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	85187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	40187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25636	50.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.180%
35) Dibromofluoromethane	7.804	113	34533	52.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.980%
50) Toluene-d8	10.269	98	107303	48.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.569	95	33987	43.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.480%

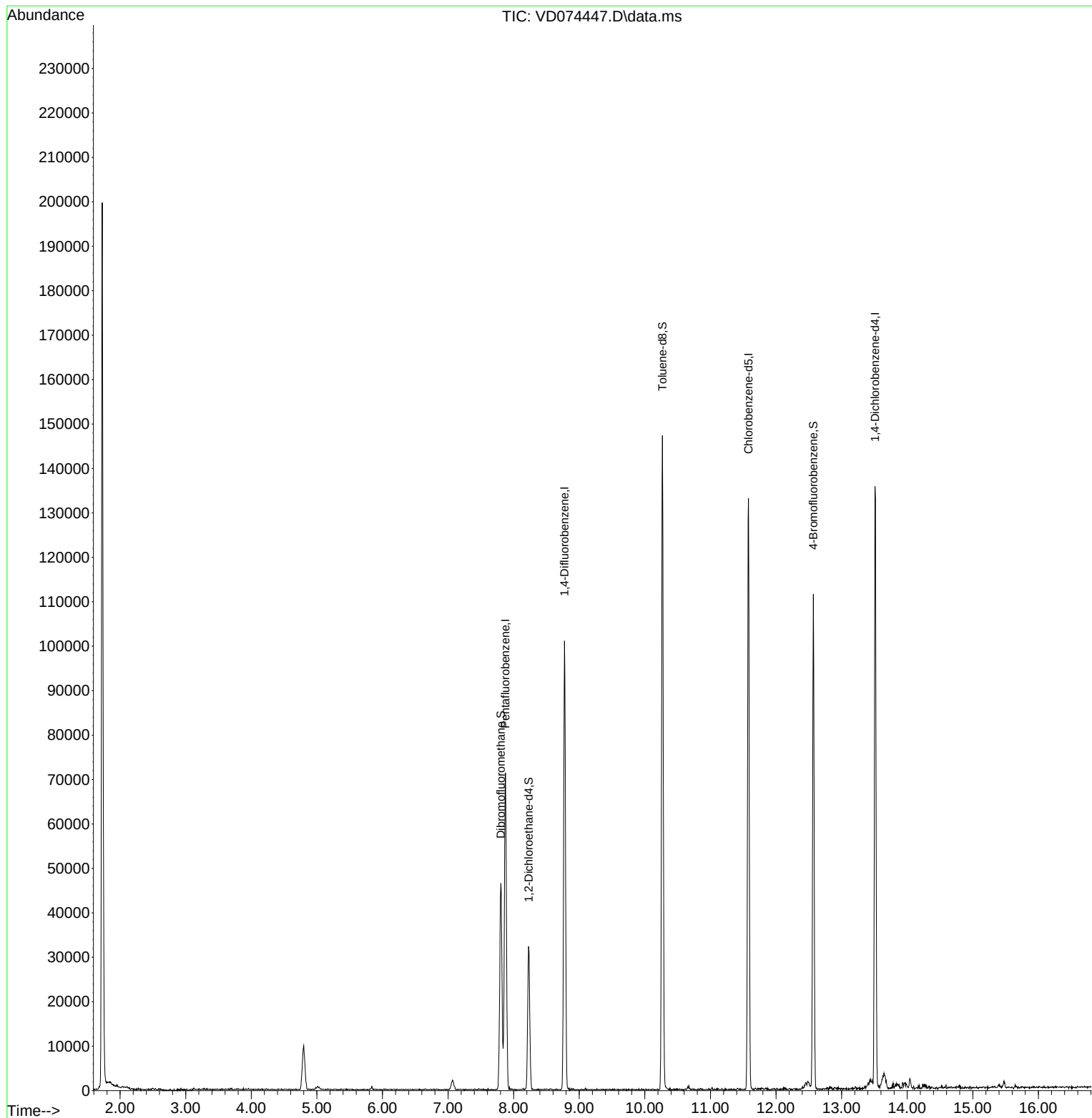
Target Compounds	Qvalue

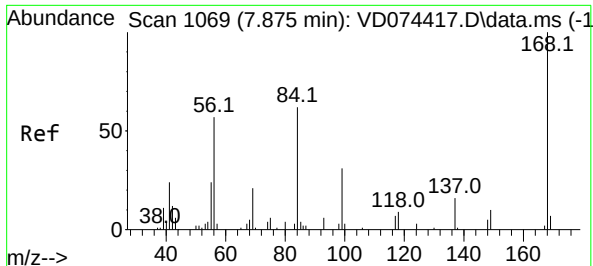
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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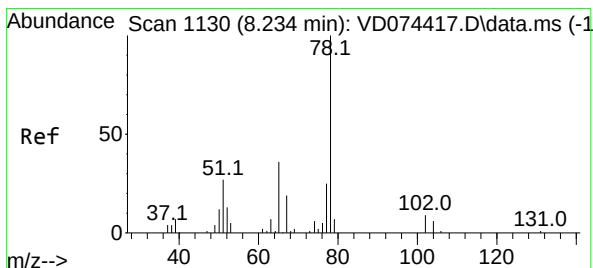
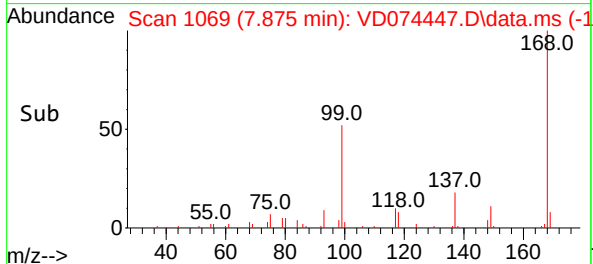
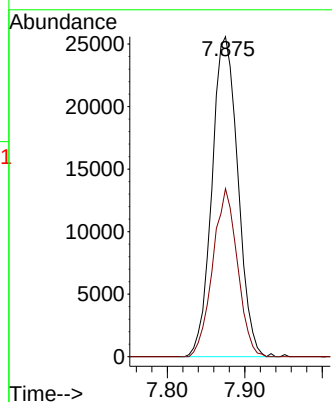
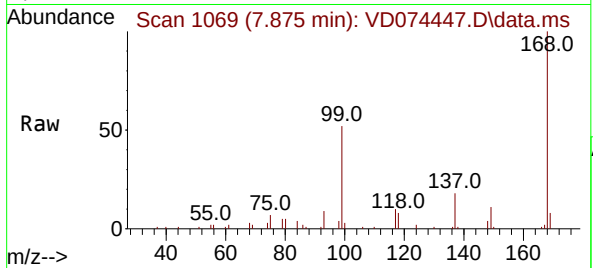




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

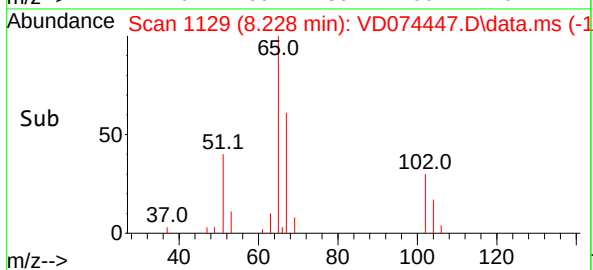
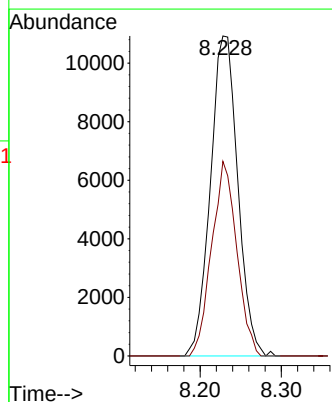
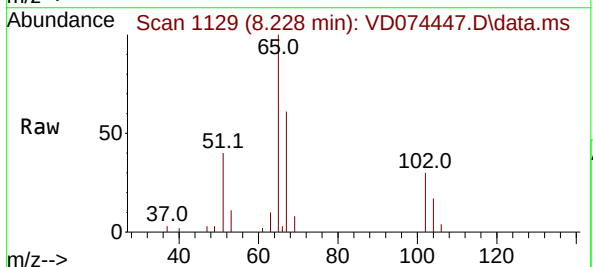
Instrument :
MSVOA_D
ClientSampleId :
TP3-0923

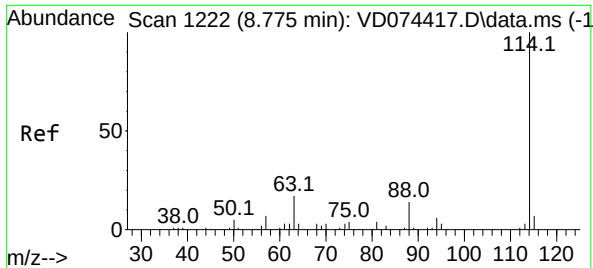
Tgt Ion:168 Resp: 59443
Ion Ratio Lower Upper
168 100
99 52.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 50.093 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

Tgt Ion: 65 Resp: 25636
Ion Ratio Lower Upper
65 100
67 55.7 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: VD074447.D

Acq: 27 Sep 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

TP3-0923

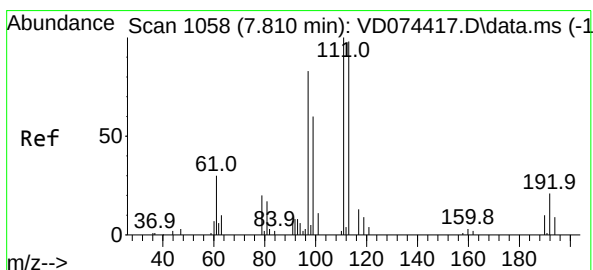
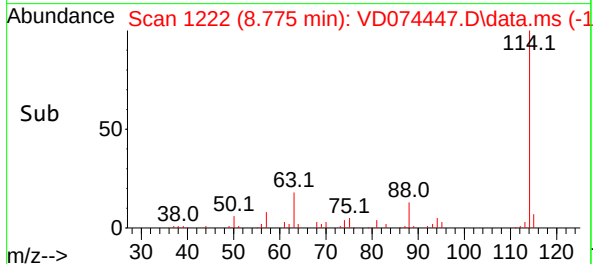
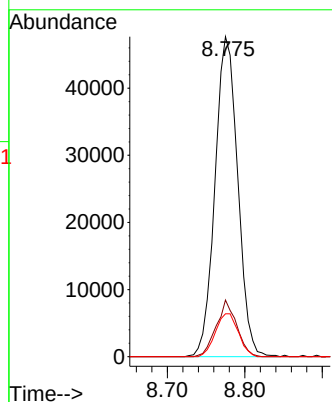
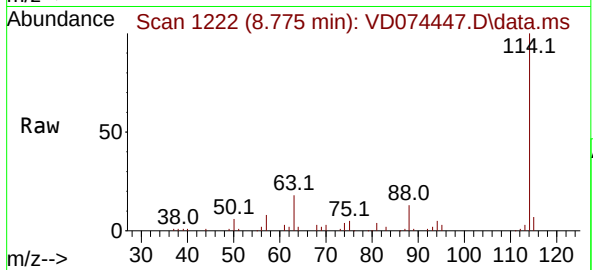
Tgt Ion:114 Resp: 97184

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.2

88 13.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 52.992 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD074447.D

Acq: 27 Sep 2022 16:08

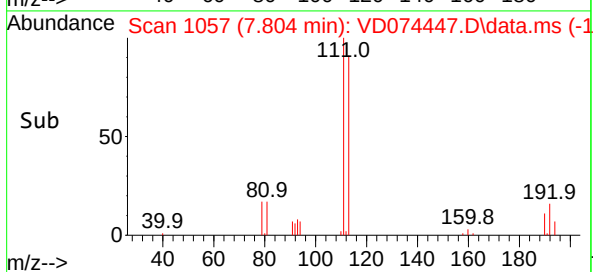
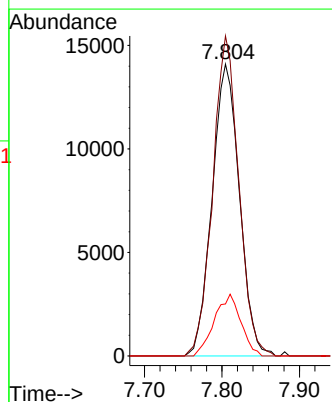
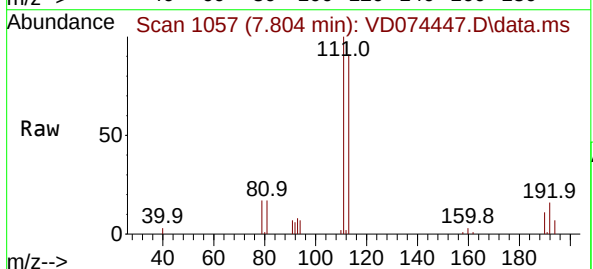
Tgt Ion:113 Resp: 34533

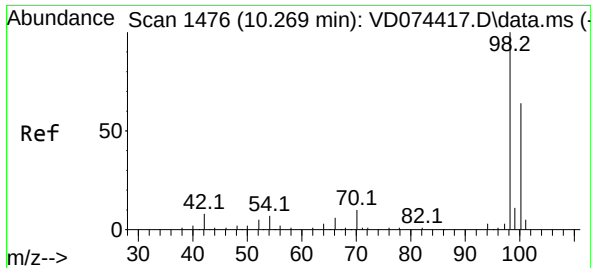
Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

192 20.5 16.4 24.6

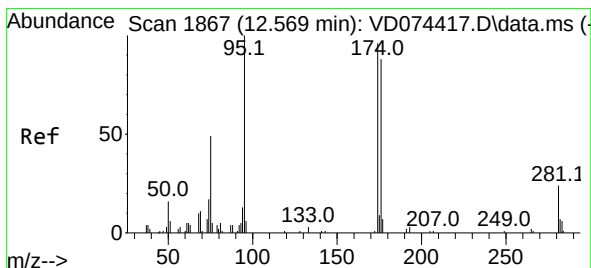
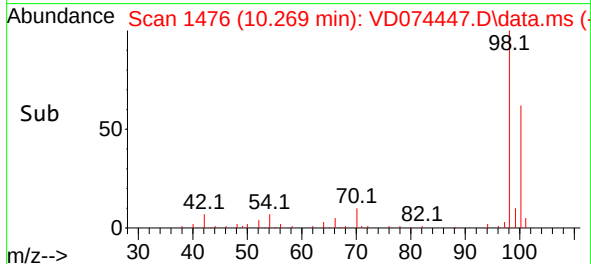
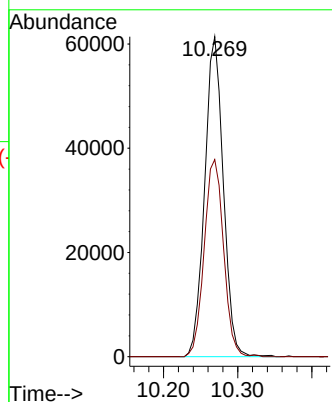
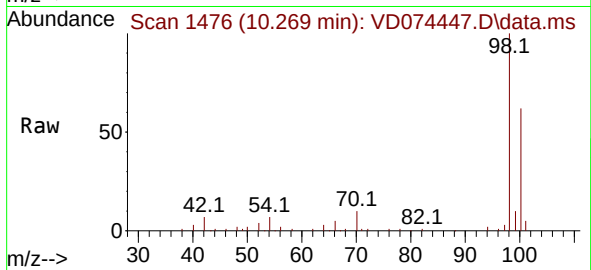




#50
Toluene-d8
Concen: 48.552 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

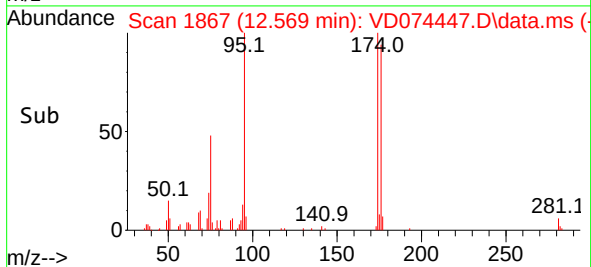
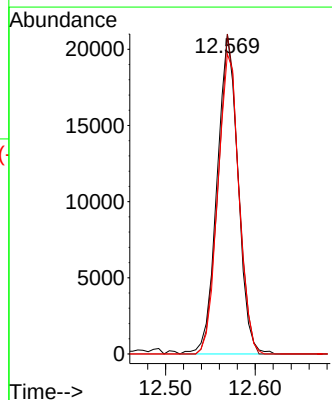
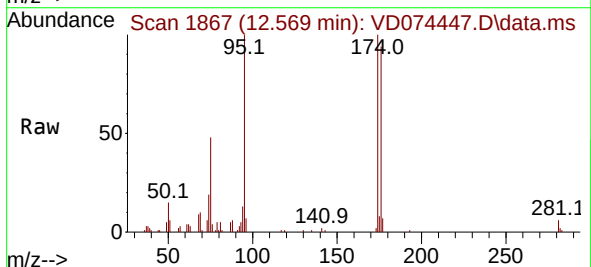
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TP3-0923

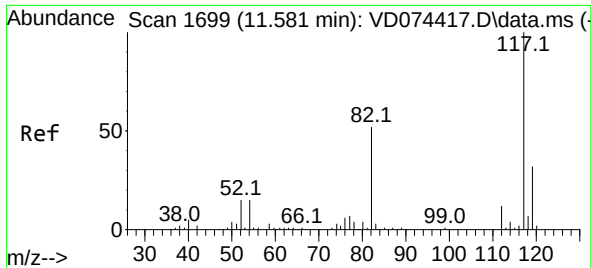
Tgt Ion: 98 Resp: 107303
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.242 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

Tgt Ion: 95 Resp: 33987
Ion Ratio Lower Upper
95 100
174 96.7 0.0 197.0
176 94.3 0.0 182.6

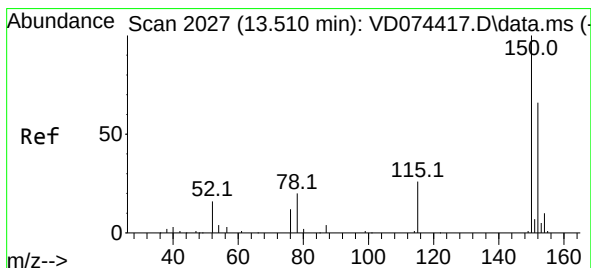
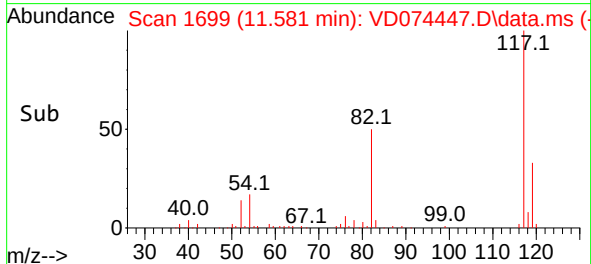
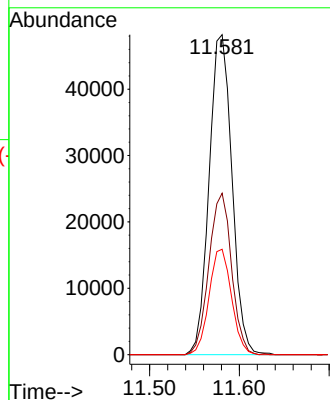
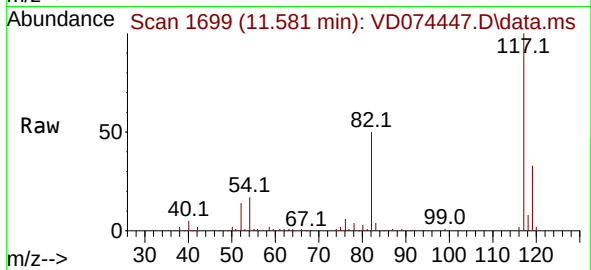




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

Instrument :
MSVOA_D
ClientSampleId :
TP3-0923

Tgt Ion:117 Resp: 85187
Ion Ratio Lower Upper
117 100
82 50.4 41.6 62.4
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

Tgt Ion:152 Resp: 40187
Ion Ratio Lower Upper
152 100
115 54.7 26.8 80.4
150 157.3 0.0 348.2

