

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074429.D
 Acq On : 26 Sep 2022 19:59
 Operator : VA/SY
 Sample : N4764-07
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 355

Quant Time: Sep 27 04:11:18 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	64945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	107024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	98196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	46425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28633	51.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.420%
35) Dibromofluoromethane	7.805	113	37617	52.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.760%
50) Toluene-d8	10.269	98	124357	51.095	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.569	95	39744	46.335	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.660%

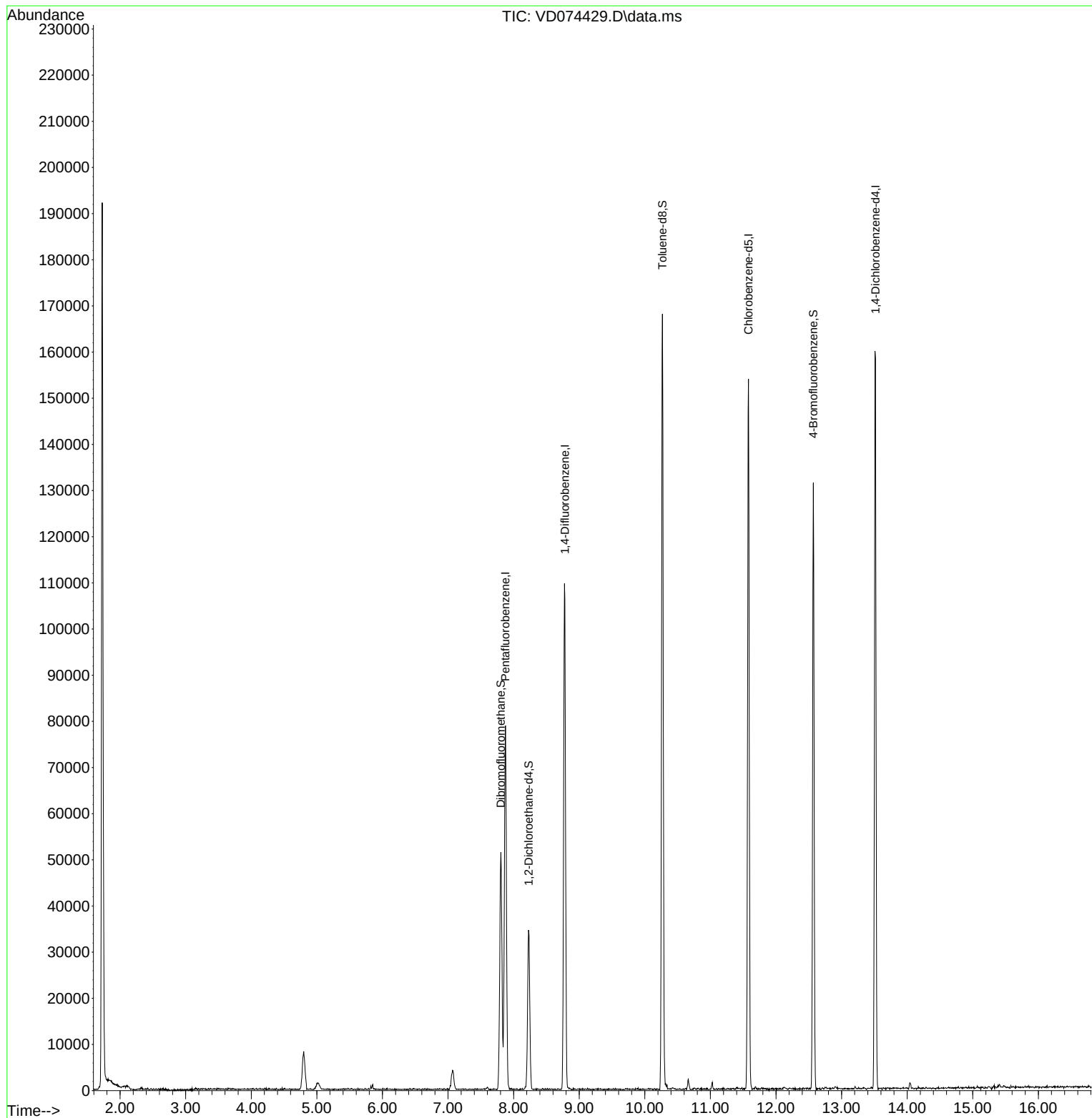
Target Compounds	Qvalue

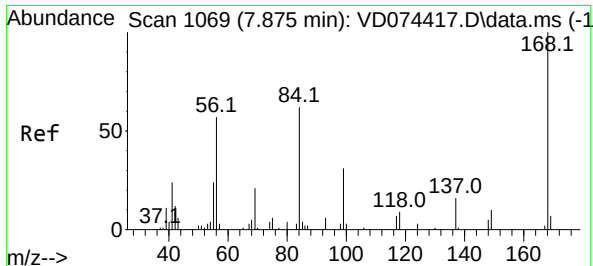
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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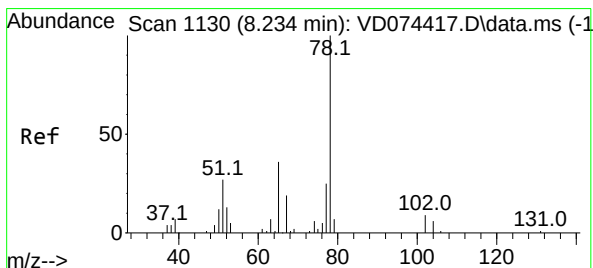
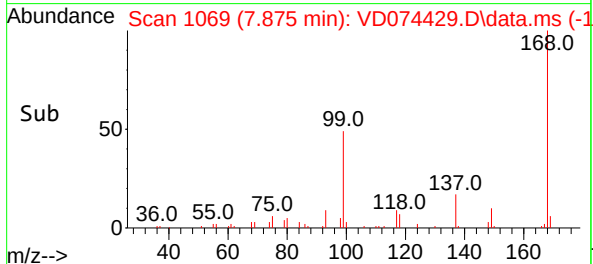
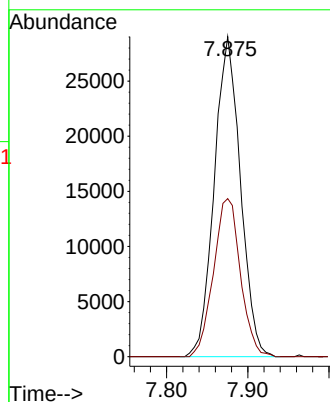
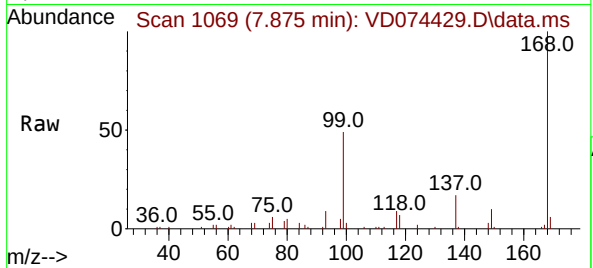




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074429.D
Acq: 26 Sep 2022 19:59

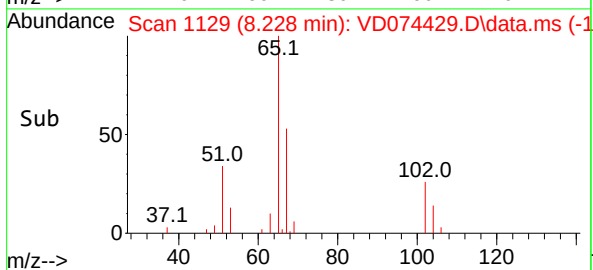
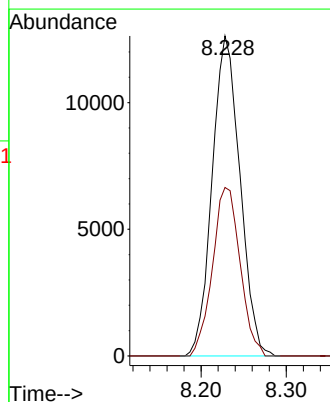
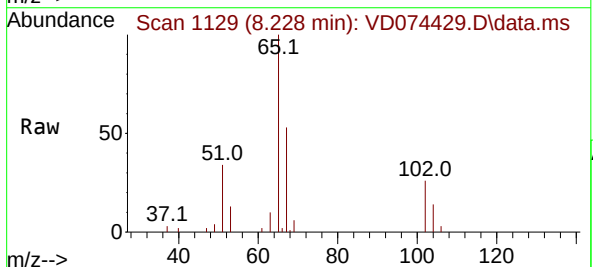
Instrument :
MSVOA_D
ClientSampleId :
355

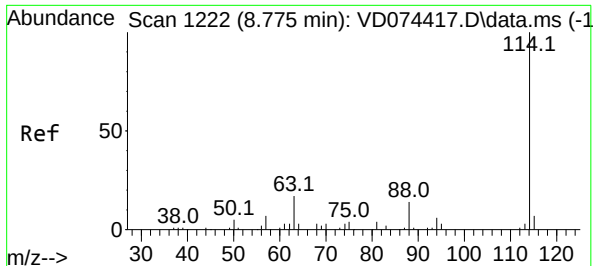
Tgt Ion:168 Resp: 64945
Ion Ratio Lower Upper
168 100
99 49.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 51.209 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074429.D
Acq: 26 Sep 2022 19:59

Tgt Ion: 65 Resp: 28633
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074429.D

Acq: 26 Sep 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

355

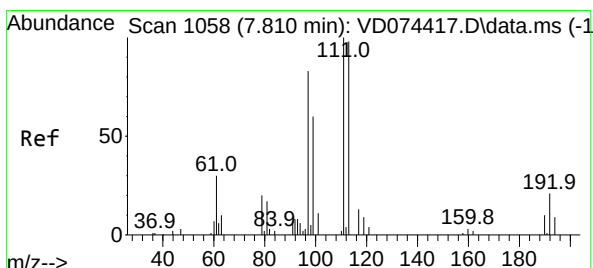
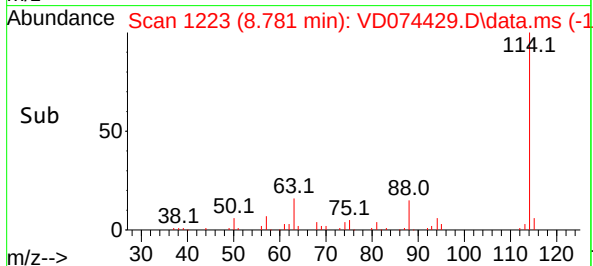
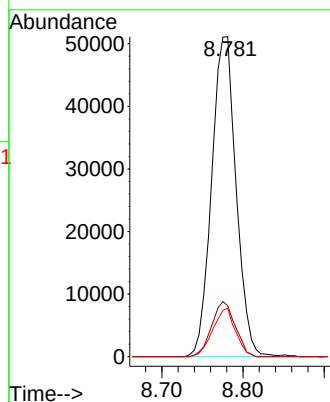
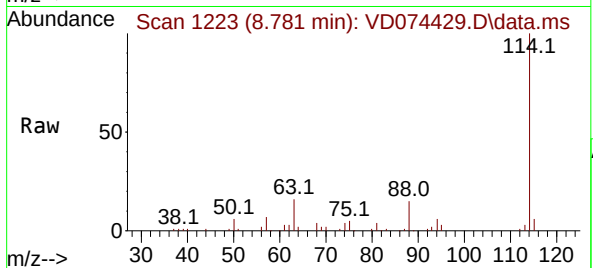
Tgt Ion:114 Resp: 107024

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 15.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 52.378 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD074429.D

Acq: 26 Sep 2022 19:59

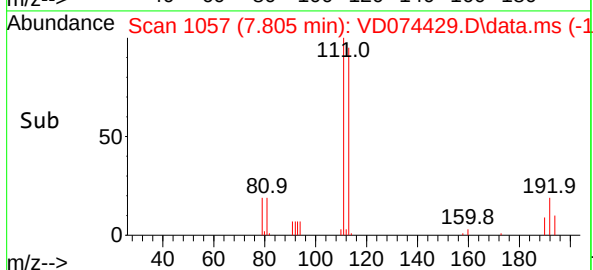
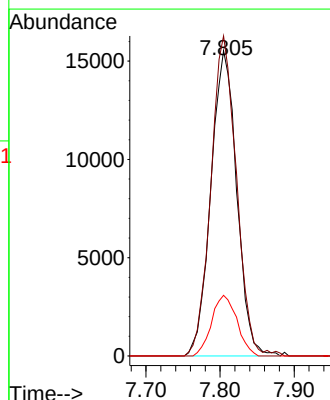
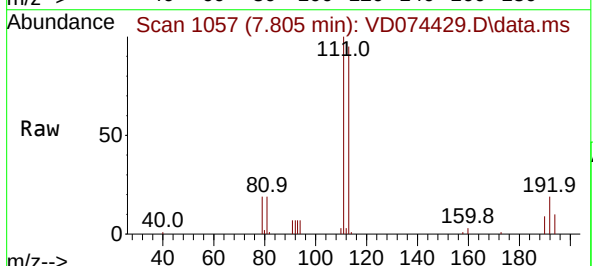
Tgt Ion:113 Resp: 37617

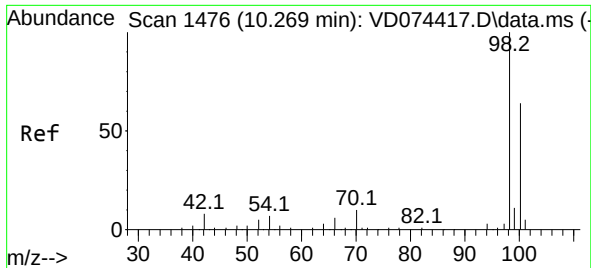
Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 19.5 16.4 24.6

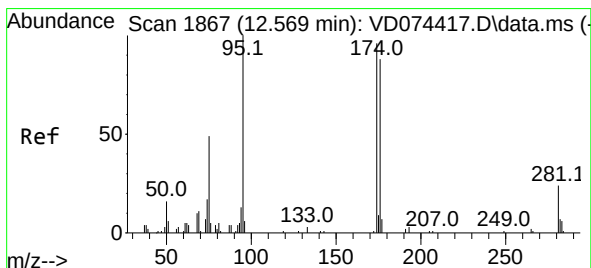
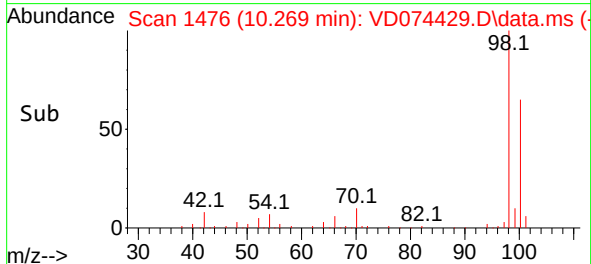
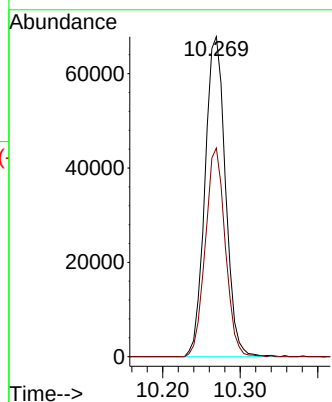
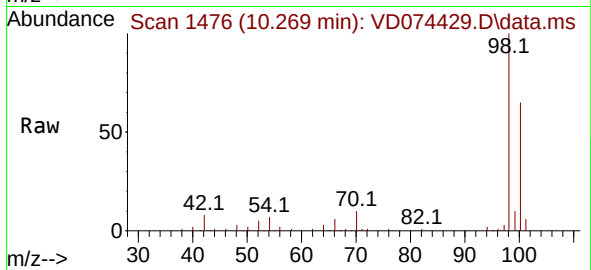




#50
Toluene-d8
Concen: 51.095 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074429.D
Acq: 26 Sep 2022 19:59

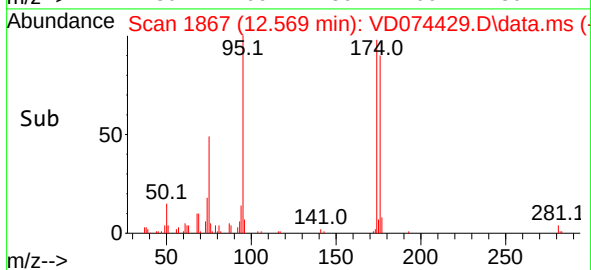
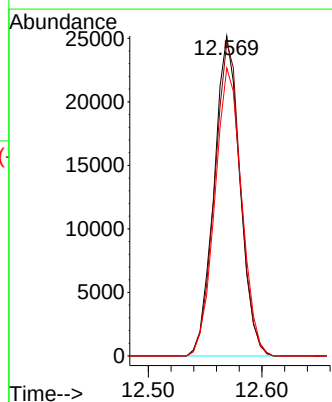
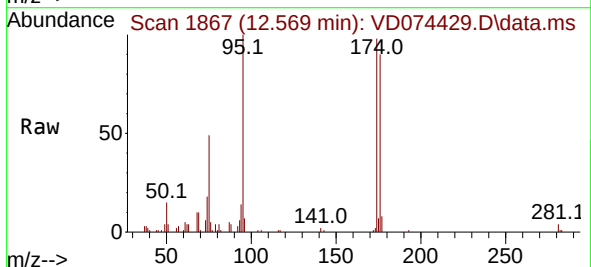
Instrument :
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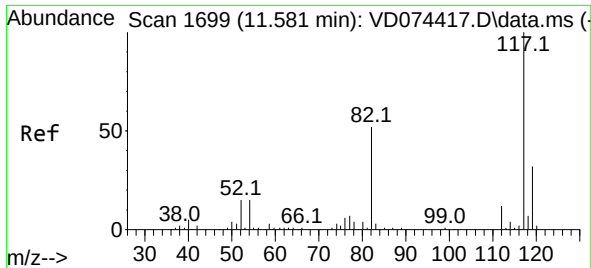
Tgt Ion: 98 Resp: 124357
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.335 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074429.D
Acq: 26 Sep 2022 19:59

Tgt Ion: 95 Resp: 39744
Ion Ratio Lower Upper
95 100
174 98.6 0.0 197.0
176 93.5 0.0 182.6

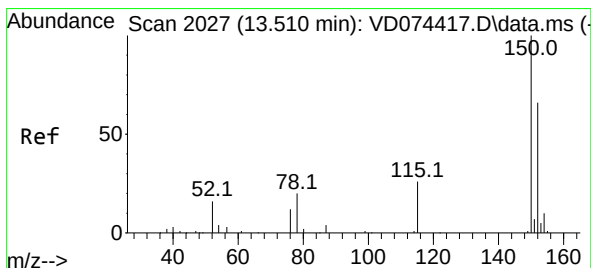
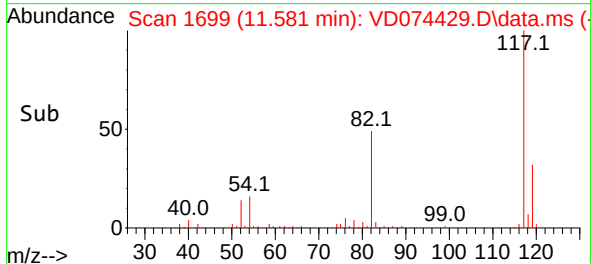
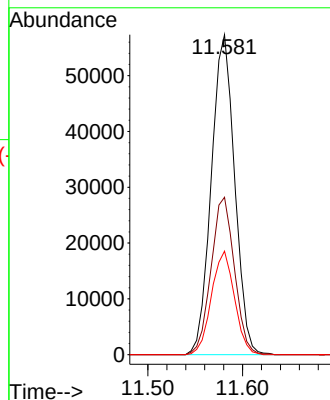
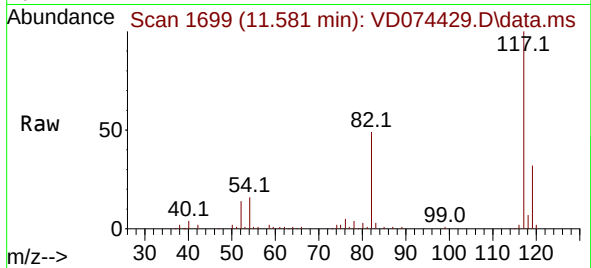




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074429.D
Acq: 26 Sep 2022 19:59

Instrument :
MSVOA_D
ClientSampleId :
355

Tgt Ion:117 Resp: 98196
Ion Ratio Lower Upper
117 100
82 49.2 41.6 62.4
119 32.4 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: VD074429.D
Acq: 26 Sep 2022 19:59

Tgt Ion:152 Resp: 46425
Ion Ratio Lower Upper
152 100
115 55.7 26.8 80.4
150 159.5 0.0 348.2

