

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075243.D
 Acq On : 30 Jan 2023 17:39
 Operator : KP/SY
 Sample : 01360-01
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-WC

Quant Time: Jan 31 00:23:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	57643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	107404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	108445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	50270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34953	59.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.840%
35) Dibromofluoromethane	7.804	113	34386	52.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.960%
50) Toluene-d8	10.269	98	134273	52.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.080%
62) 4-Bromofluorobenzene	12.575	95	45679	56.324	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.640%

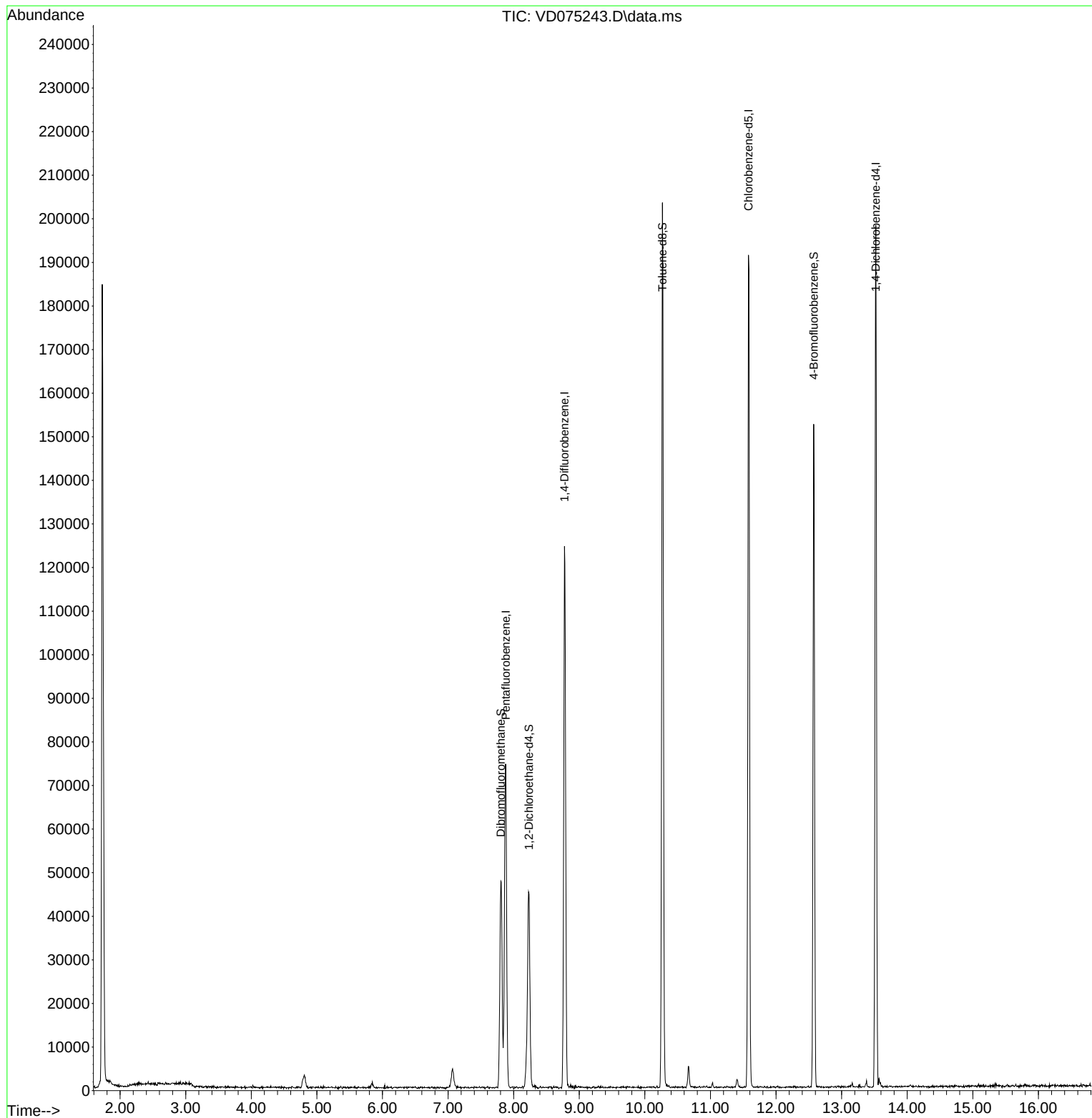
Target Compounds	Qvalue

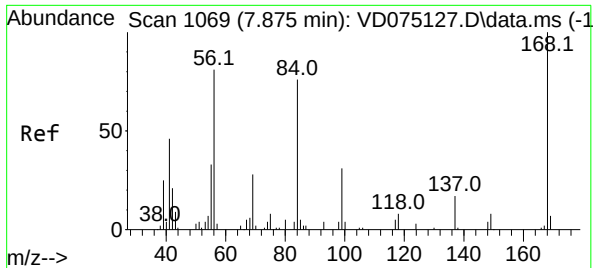
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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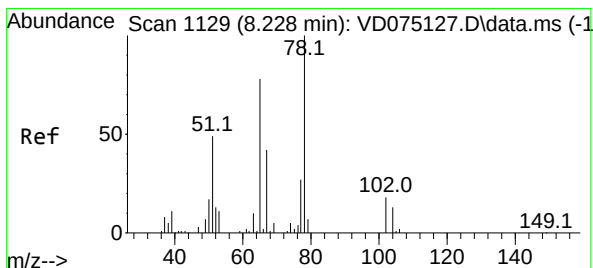
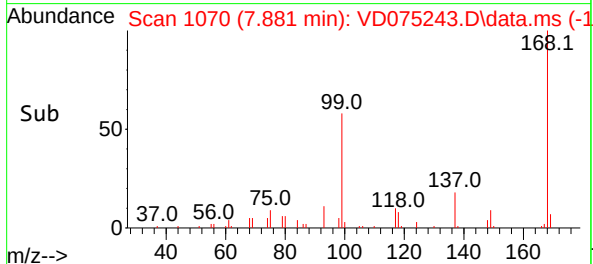
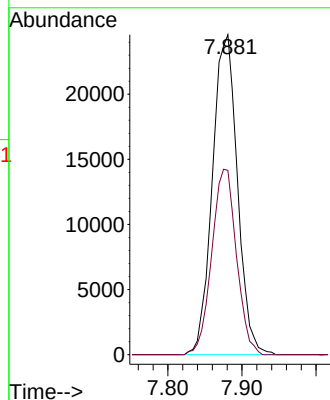
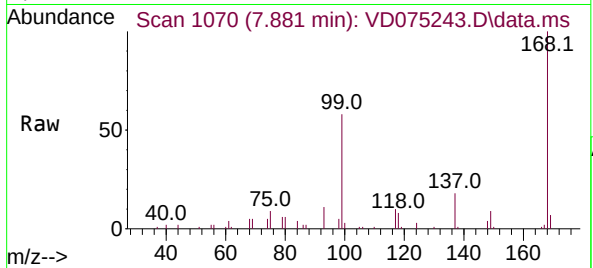




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

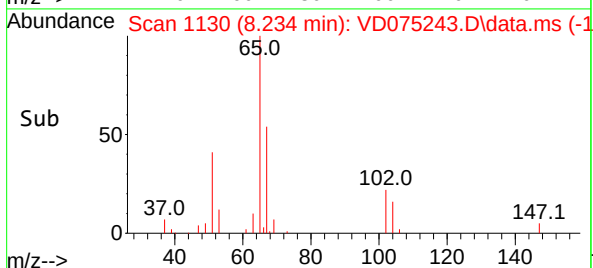
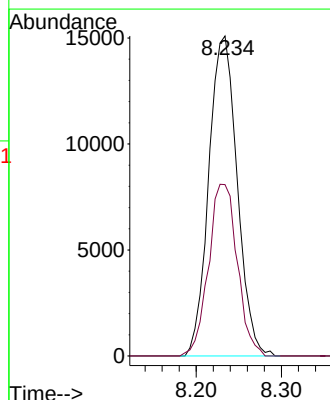
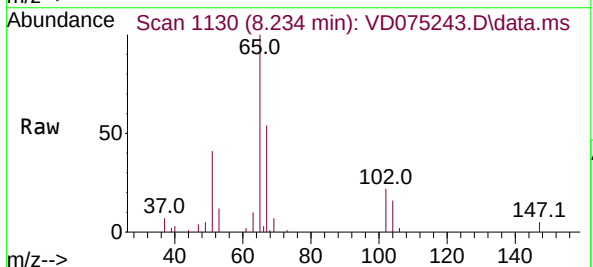
Instrument :
MSVOA_D
ClientSampleId :
TP-3-WC

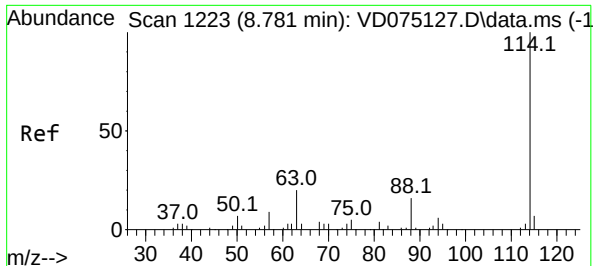
Tgt Ion:168 Resp: 57643
Ion Ratio Lower Upper
168 100
99 57.6 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 59.423 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Tgt Ion: 65 Resp: 34953
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075243.D

Acq: 30 Jan 2023 17:39

Instrument :

MSVOA_D

ClientSampleId :

TP-3-WC

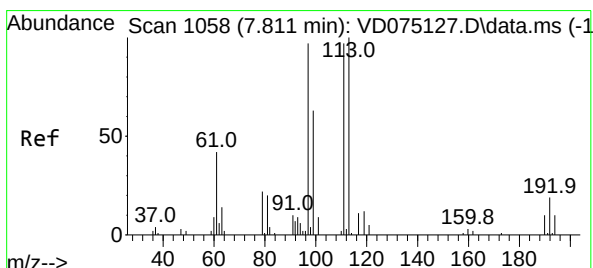
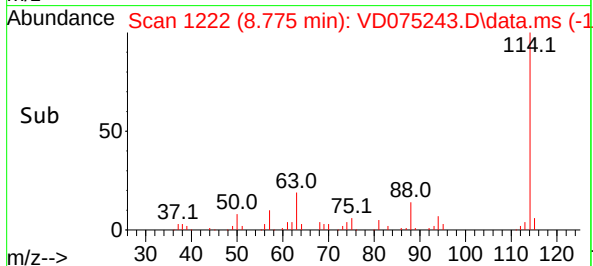
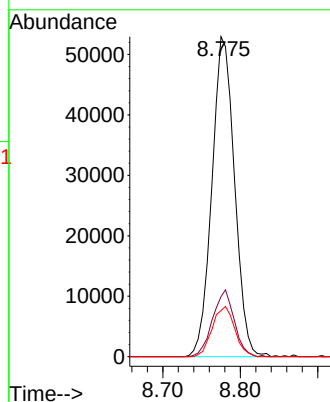
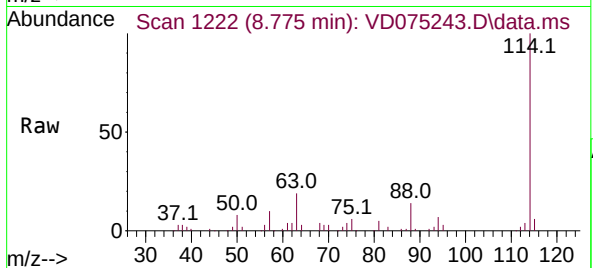
Tgt Ion:114 Resp: 107404

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.2

88 14.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.982 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075243.D

Acq: 30 Jan 2023 17:39

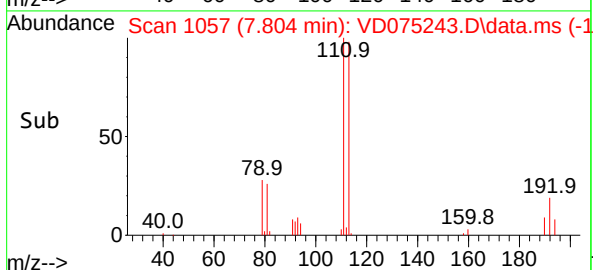
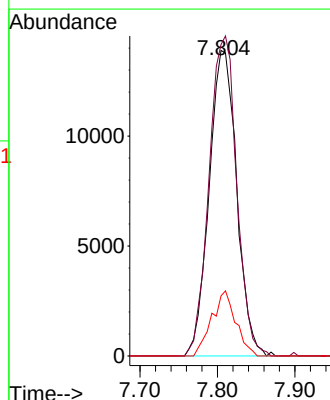
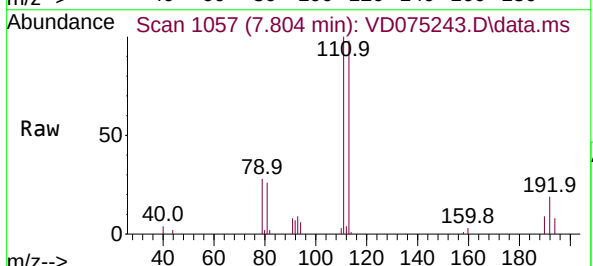
Tgt Ion:113 Resp: 34386

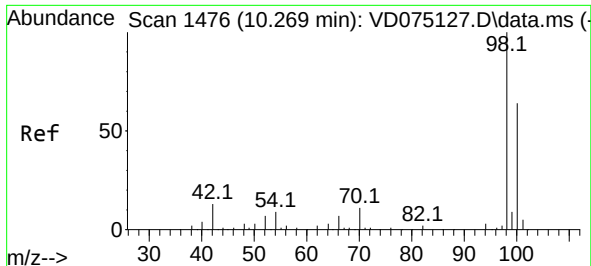
Ion Ratio Lower Upper

113 100

111 104.7 80.1 120.1

192 18.6 15.4 23.0

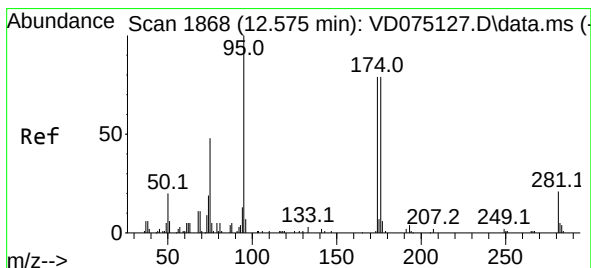
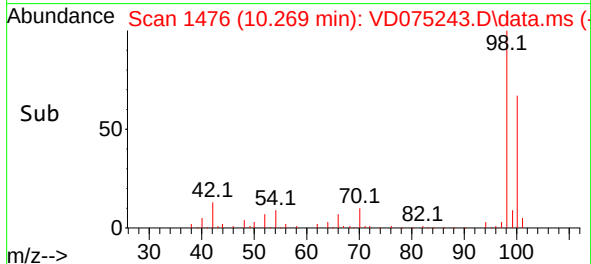
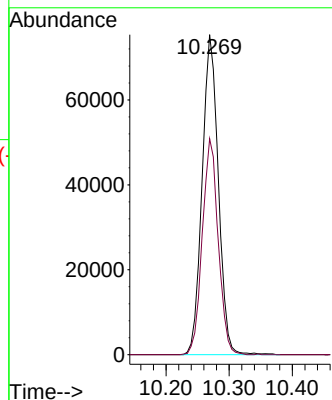
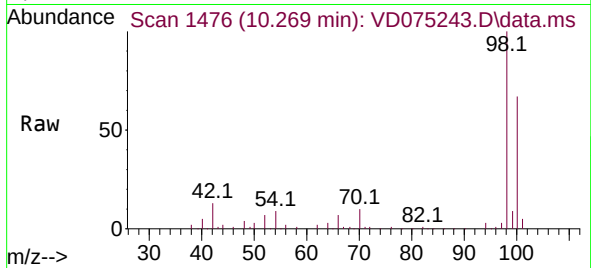




#50
Toluene-d8
Concen: 52.545 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

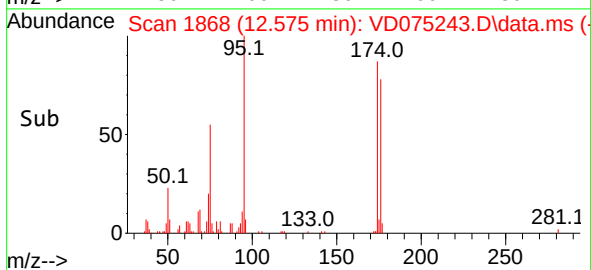
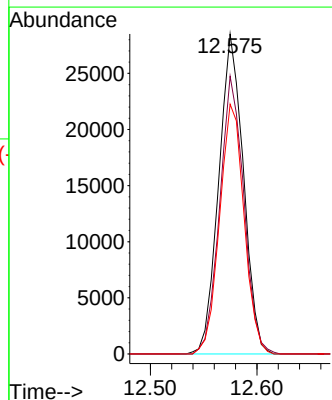
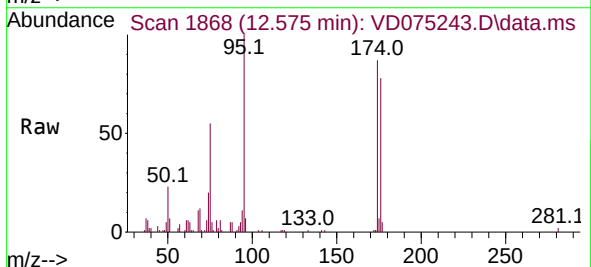
Instrument :
MSVOA_D
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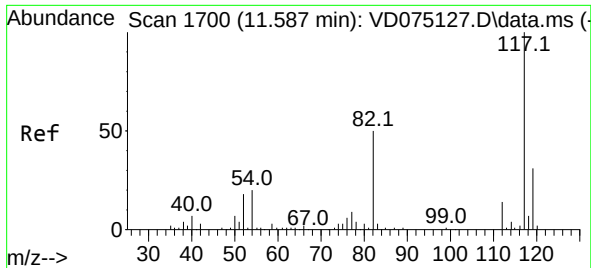
Tgt Ion: 98 Resp: 134273
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 56.324 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Tgt Ion: 95 Resp: 45679
Ion Ratio Lower Upper
95 100
174 84.9 0.0 161.2
176 77.7 0.0 160.2

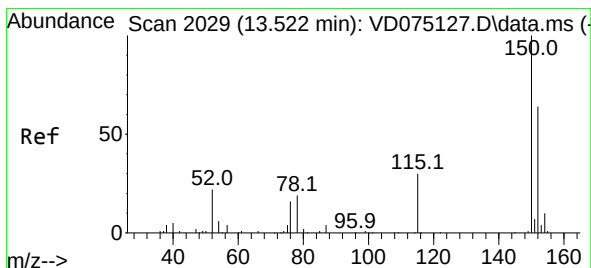
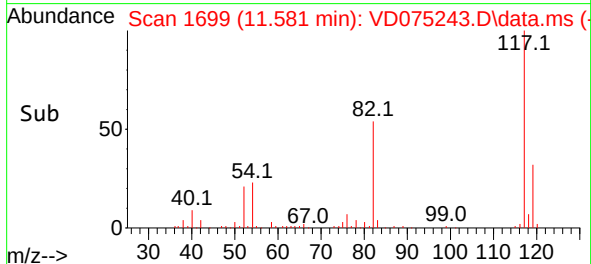
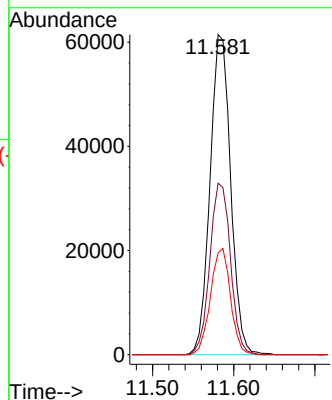
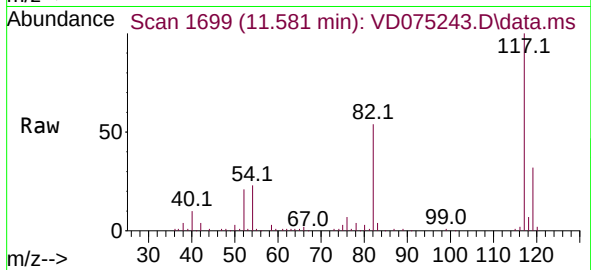




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Instrument :
MSVOA_D
ClientSampleId :
TP-3-WC

Tgt Ion:117 Resp: 108445
Ion Ratio Lower Upper
117 100
82 53.6 39.6 59.4
119 31.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Tgt Ion:152 Resp: 50270
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.4
150 155.7 0.0 348.6

