

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075241.D
 Acq On : 30 Jan 2023 16:43
 Operator : KP/SY
 Sample : 01361-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-458-460RE

Quant Time: Jan 31 00:22:52 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	7.875	168	57210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	104226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	95916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	31408	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30727	52.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.260%
35) Dibromofluoromethane	7.810	113	32347	51.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.720%
50) Toluene-d8	10.269	98	127733	51.510	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.575	95	35565	45.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.380%

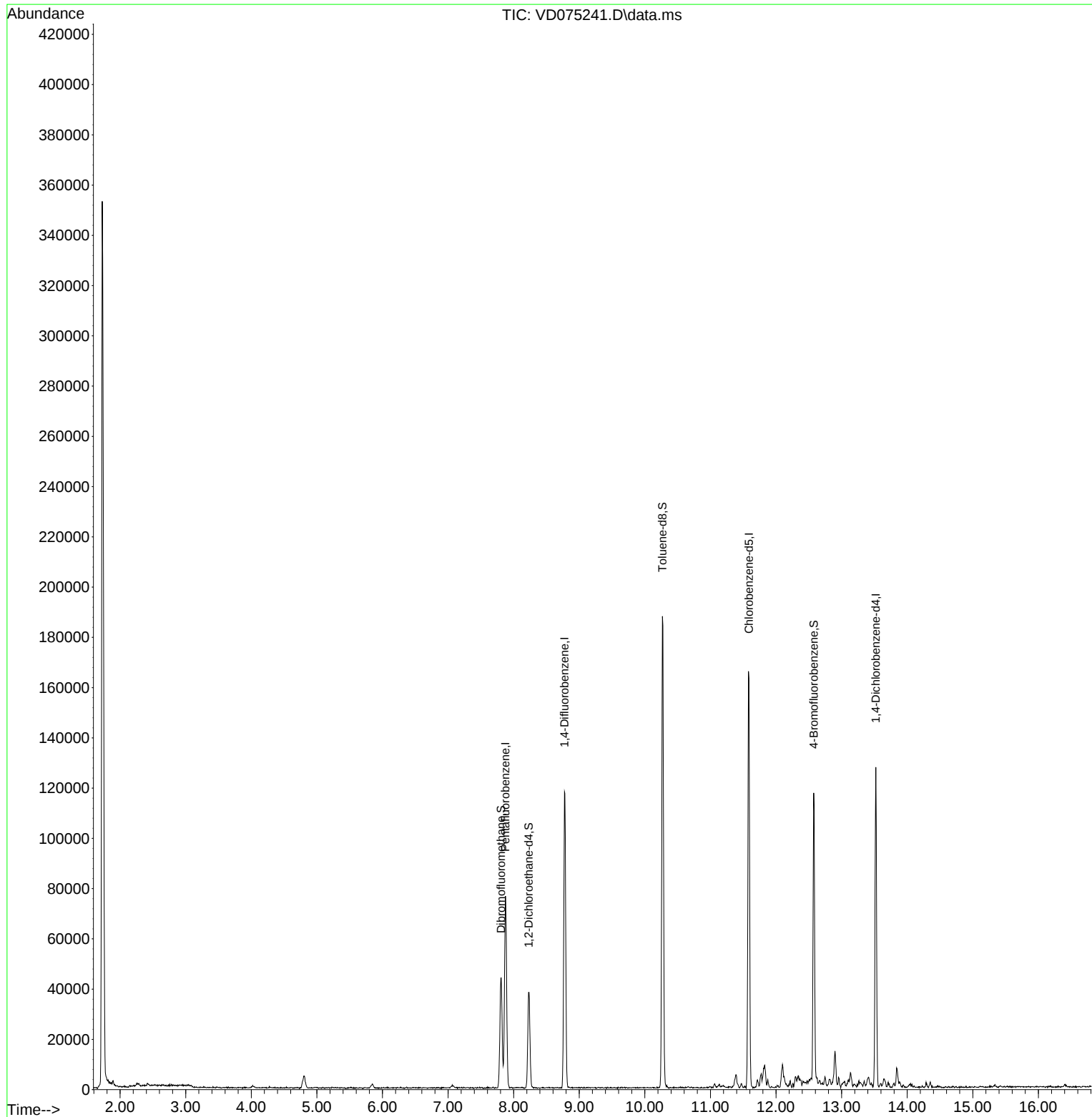
Target Compounds	Qvalue

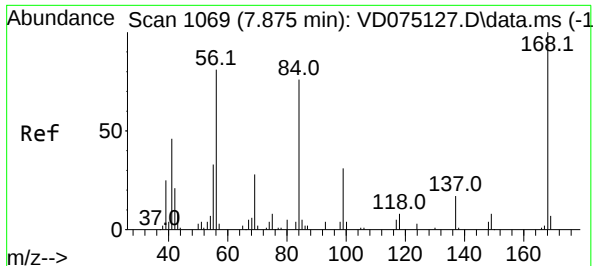
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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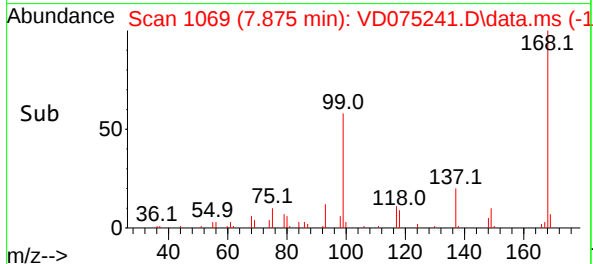
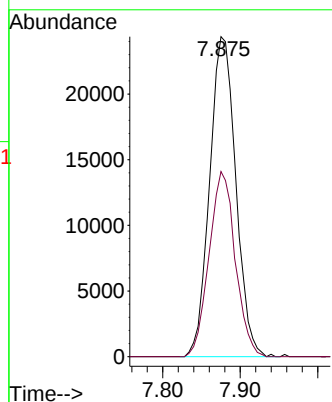
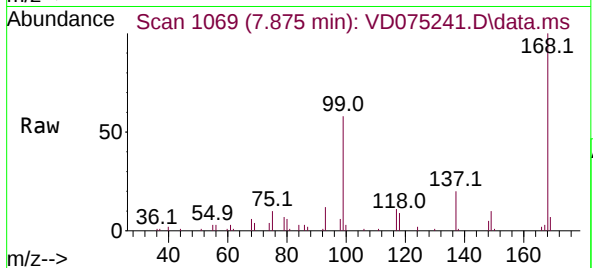




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

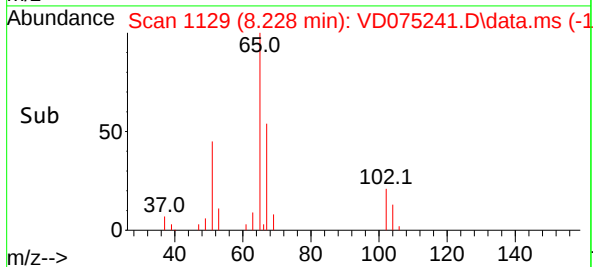
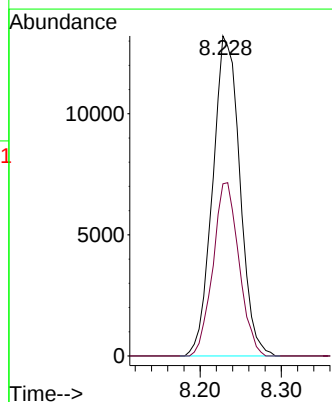
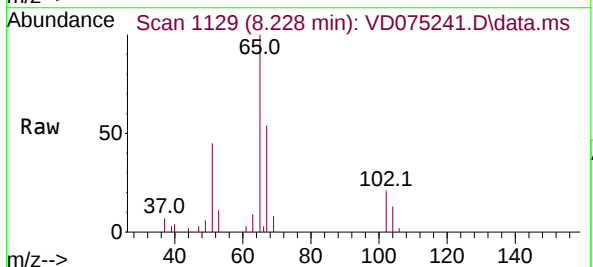
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460RE

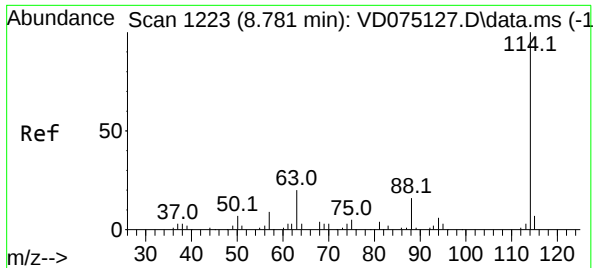
Tgt Ion:168 Resp: 57210
Ion Ratio Lower Upper
168 100
99 57.9 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 52.634 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Tgt Ion: 65 Resp: 30727
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075241.D

Acq: 30 Jan 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW10-GW-458-460RE

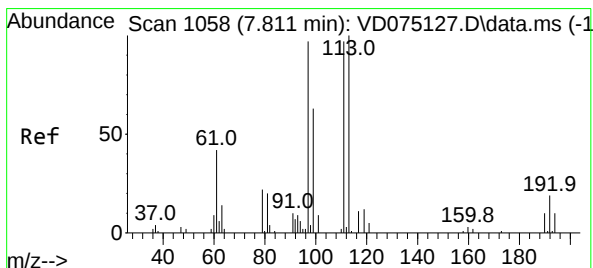
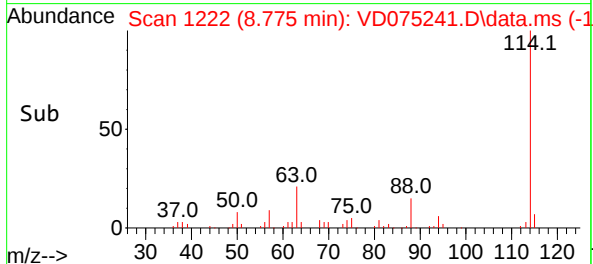
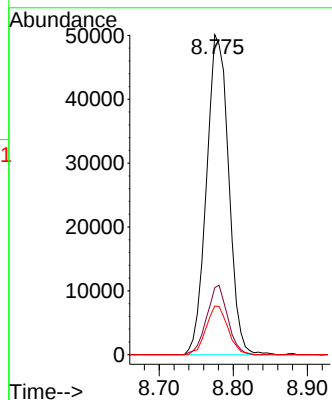
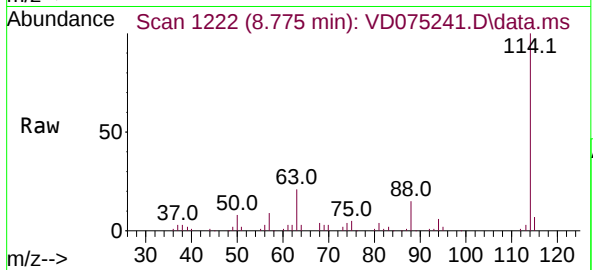
Tgt Ion:114 Resp: 104226

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.360 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075241.D

Acq: 30 Jan 2023 16:43

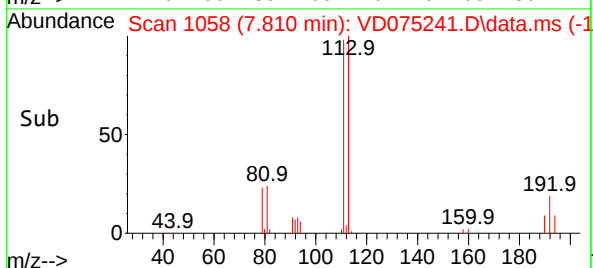
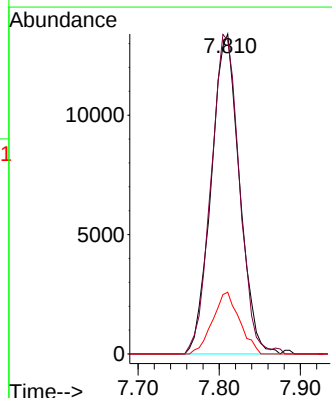
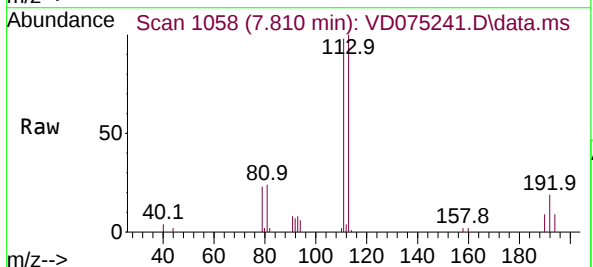
Tgt Ion:113 Resp: 32347

Ion Ratio Lower Upper

113 100

111 100.3 80.1 120.1

192 18.4 15.4 23.0

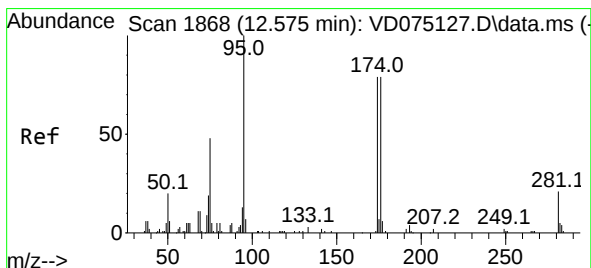
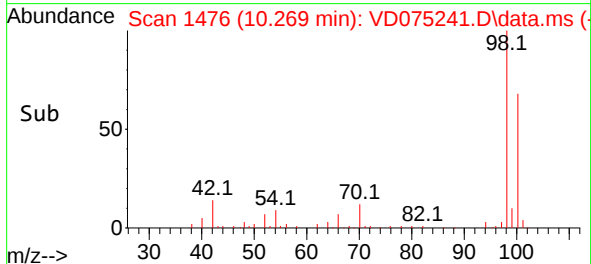
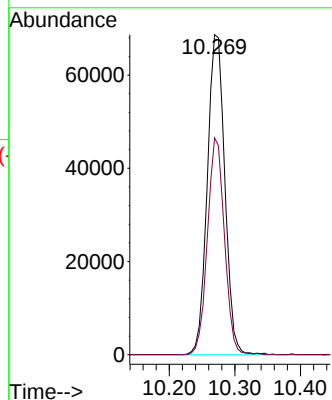
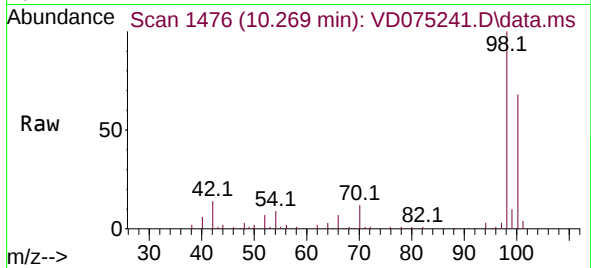




#50
Toluene-d8
Concen: 51.510 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

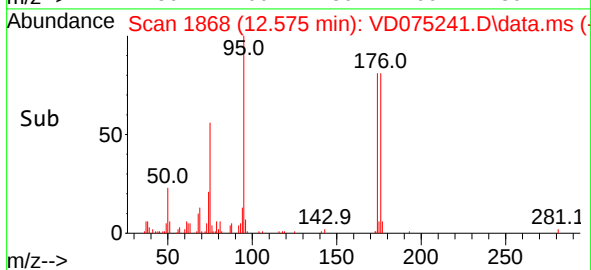
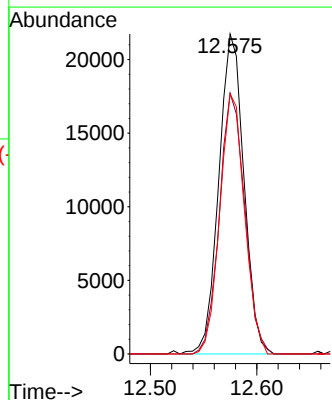
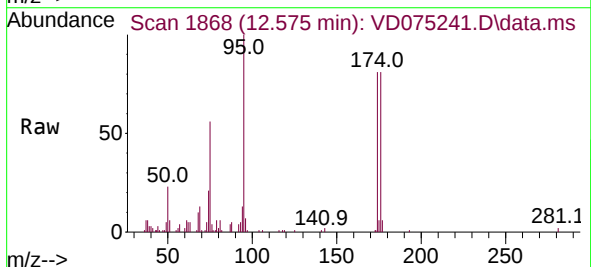
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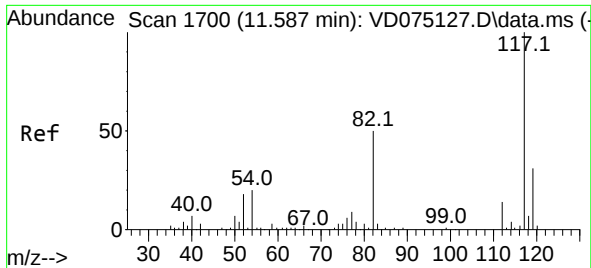
Tgt Ion: 98 Resp: 127733
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.190 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Tgt Ion: 95 Resp: 35565
Ion Ratio Lower Upper
95 100
174 82.1 0.0 161.2
176 79.9 0.0 160.2

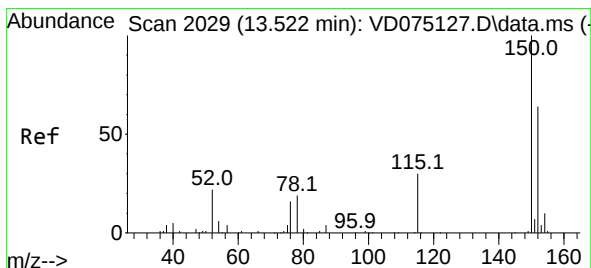
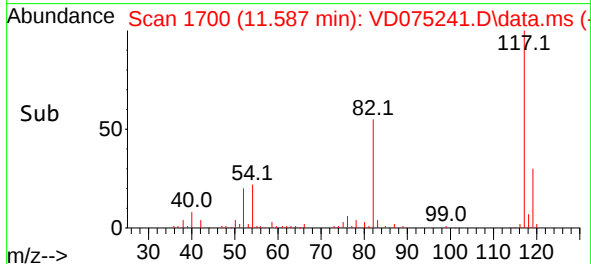
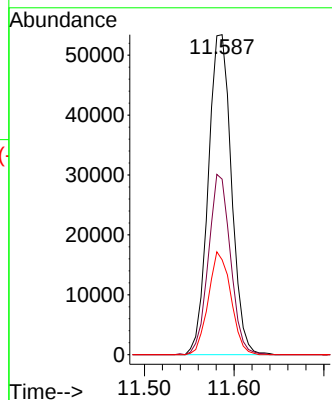
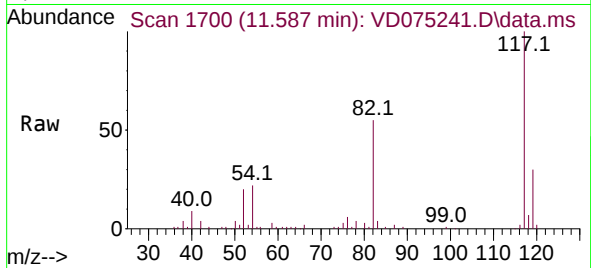




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460RE

Tgt Ion:117 Resp: 95916
Ion Ratio Lower Upper
117 100
82 54.9 39.6 59.4
119 29.6 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: VD075241.D
Acq: 30 Jan 2023 16:43

Tgt Ion:152 Resp: 31408
Ion Ratio Lower Upper
152 100
115 61.0 28.8 86.4
150 159.2 0.0 348.6

