

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074534.D
 Acq On : 13 Oct 2022 17:55
 Operator : VA/SY
 Sample : N5142-07
 Misc : 7.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-10

Quant Time: Oct 14 01:32:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	2198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	3757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	2074	109.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	219.240%#
35) Dibromofluoromethane	7.804	113	1670	75.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	150.360%#
50) Toluene-d8	10.269	98	5202	60.121	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.240%
62) 4-Bromofluorobenzene	12.575	95	1784	69.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	139.380%

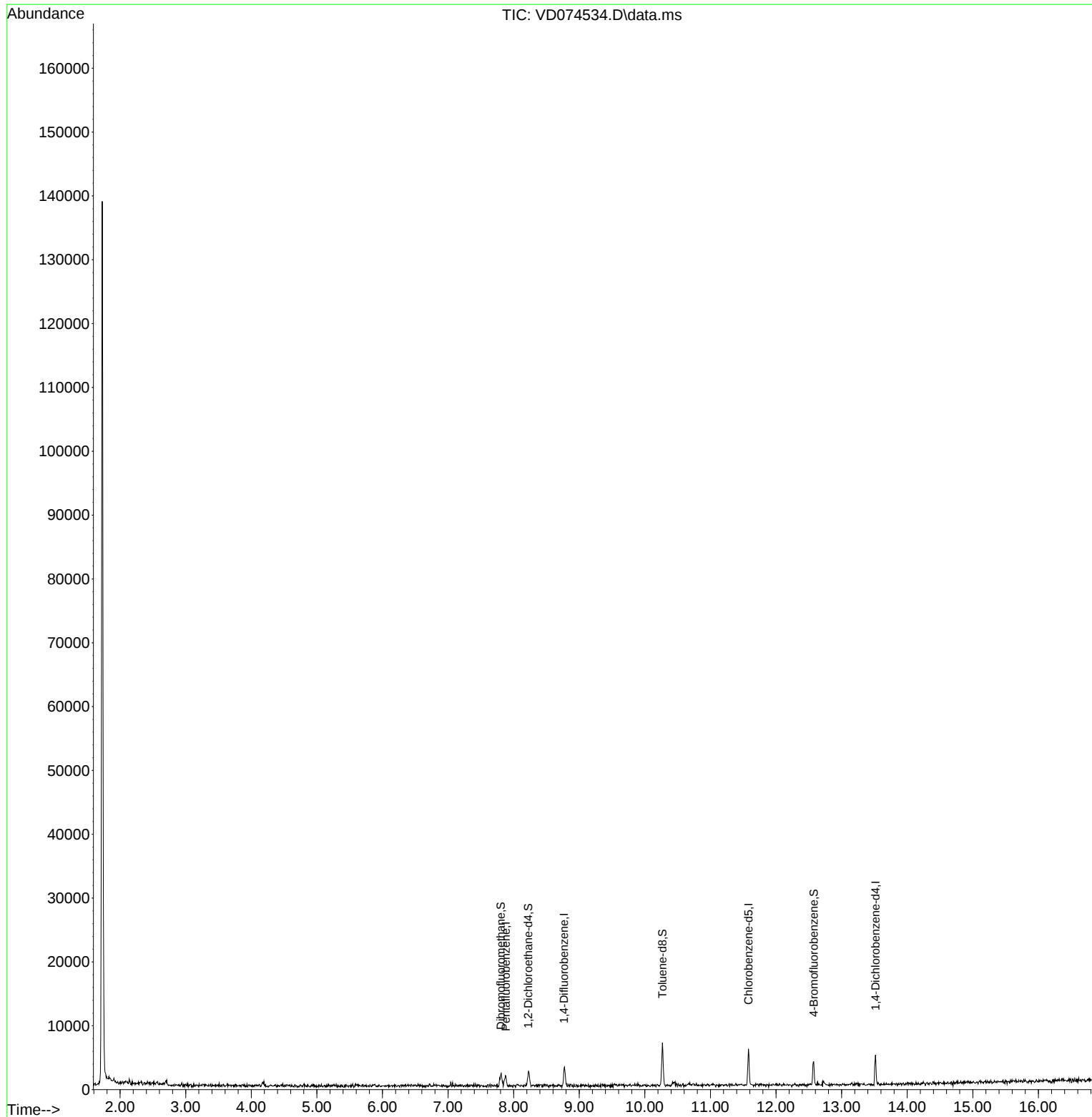
Target Compounds	Qvalue

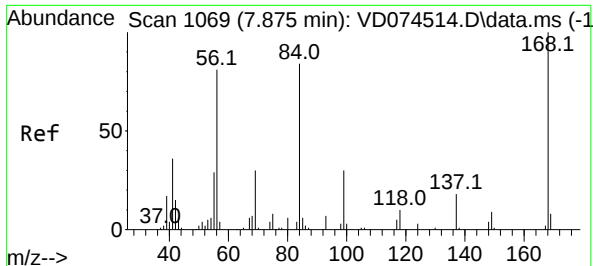
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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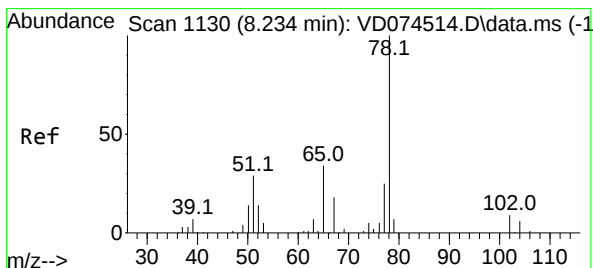
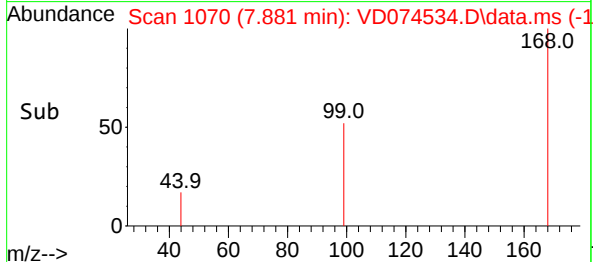
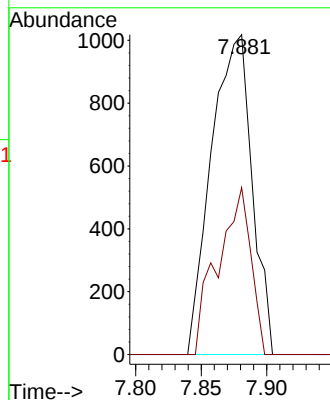
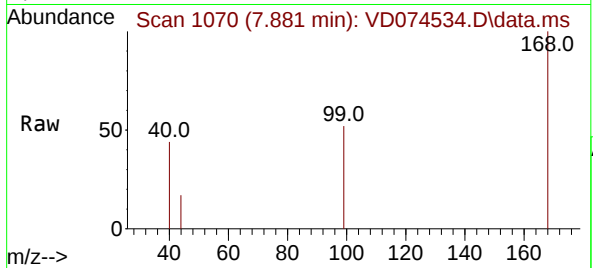




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

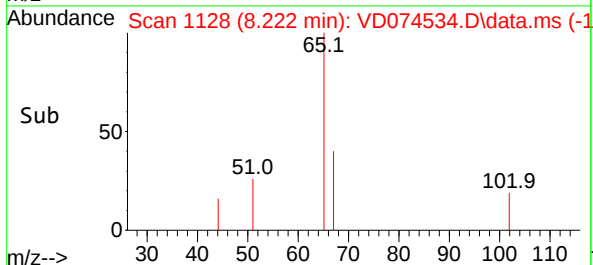
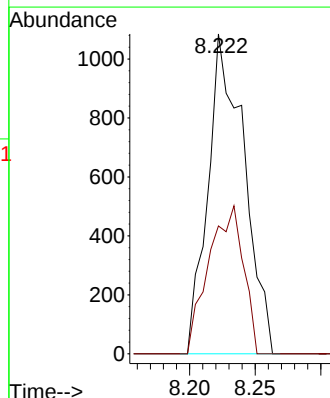
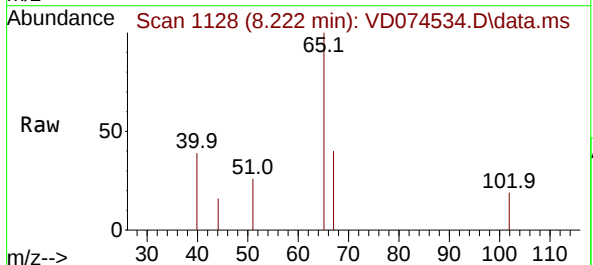
Instrument :
MSVOA_D
ClientSampleId :
WC-10

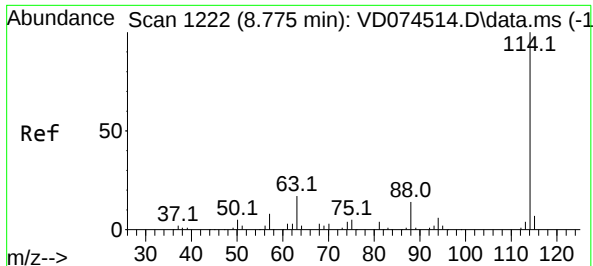
Tgt Ion:168 Resp: 2198
Ion Ratio Lower Upper
168 100
99 52.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 109.623 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Tgt Ion: 65 Resp: 2074
Ion Ratio Lower Upper
65 100
67 44.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074534.D

Acq: 13 Oct 2022 17:55

Instrument :

MSVOA_D

ClientSampleId :

WC-10

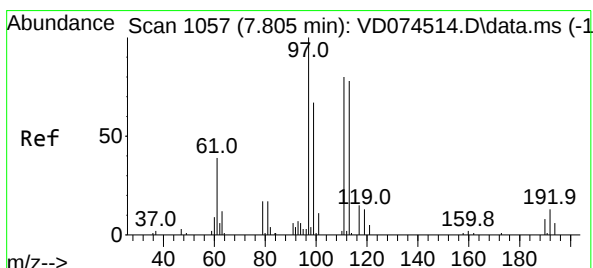
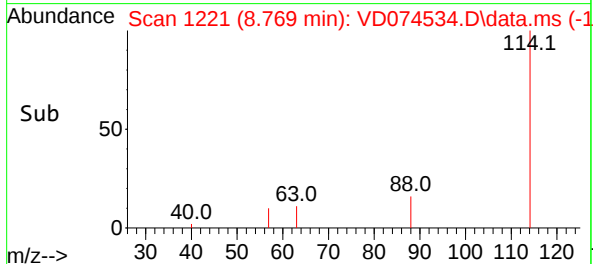
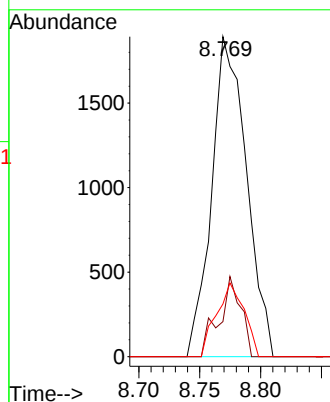
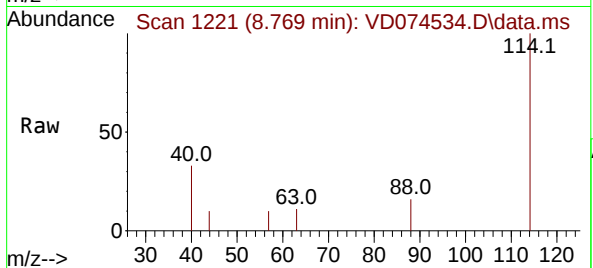
Tgt Ion:114 Resp: 3757

Ion Ratio Lower Upper

114 100

63 10.9 0.0 33.2

88 16.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 75.180 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074534.D

Acq: 13 Oct 2022 17:55

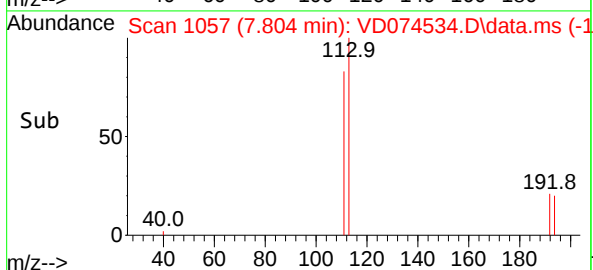
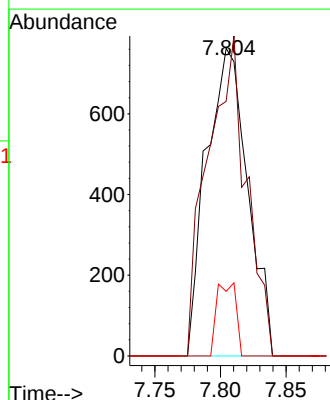
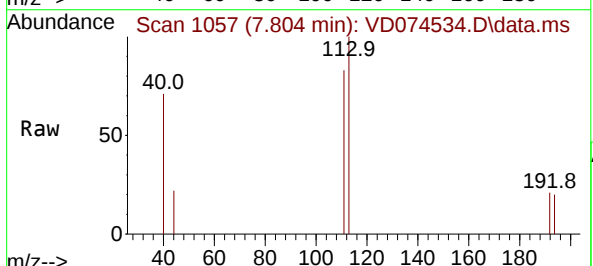
Tgt Ion:113 Resp: 1670

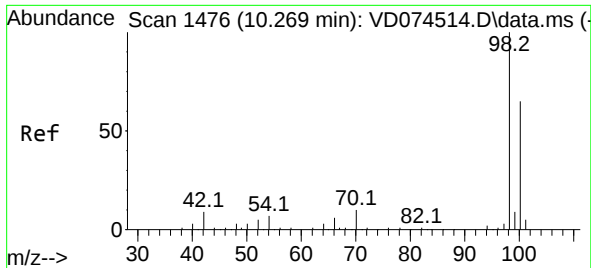
Ion Ratio Lower Upper

113 100

111 97.7 82.3 123.5

192 11.0 16.4 24.6#

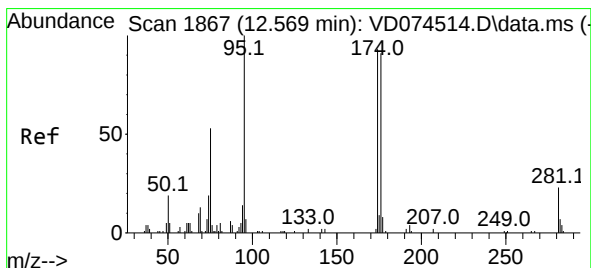
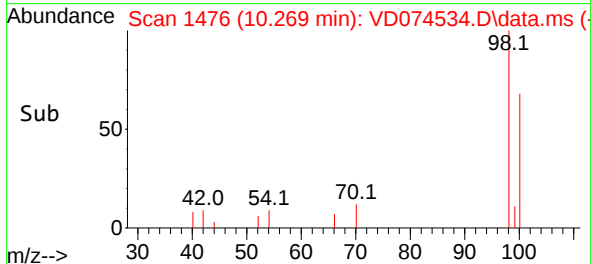
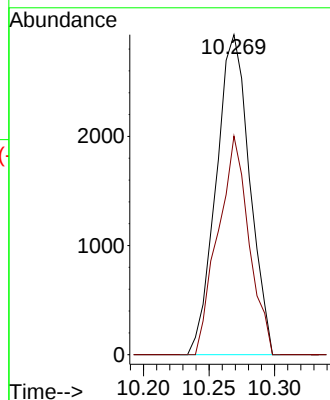
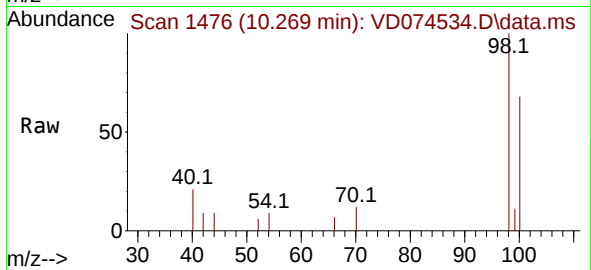




#50
Toluene-d8
Concen: 60.121 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

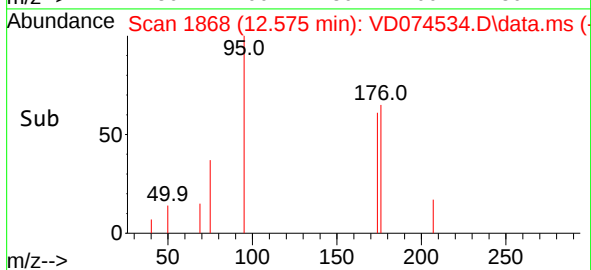
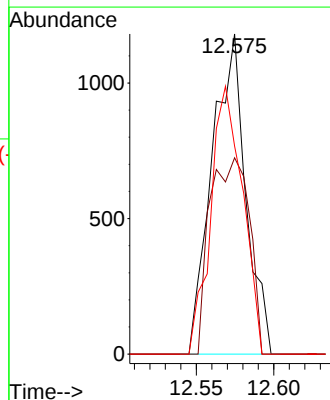
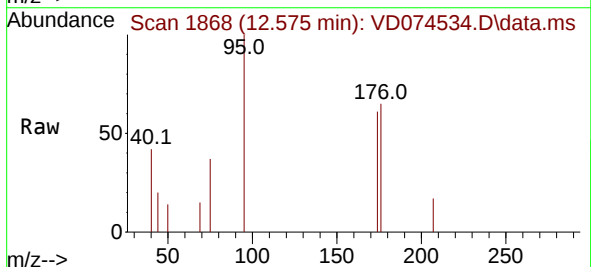
Instrument :
MSVOA_D
ClientSampleId :
WC-10

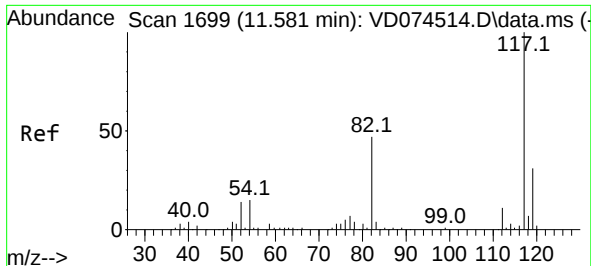
Tgt Ion: 98 Resp: 5202
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 69.689 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Tgt Ion: 95 Resp: 1784
Ion Ratio Lower Upper
95 100
174 72.0 0.0 197.0
176 79.3 0.0 182.6

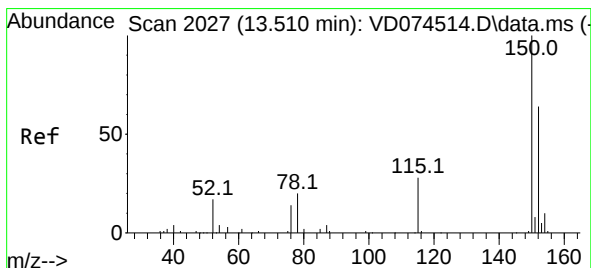
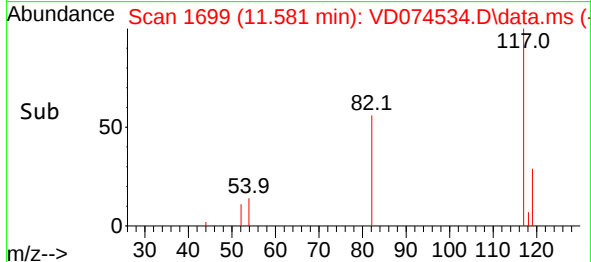
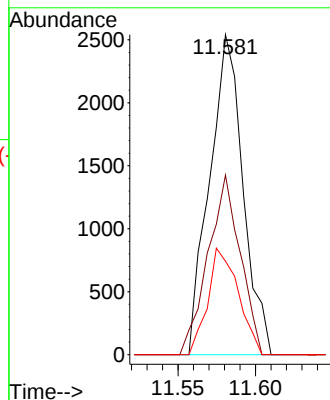
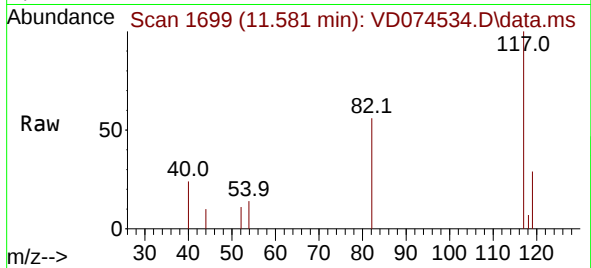




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074534.D
Acq: 13 Oct 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
WC-10

Tgt Ion:117	Resp:	3810
Ion	Ratio	Lower Upper
117	100	
82	56.2	41.6 62.4
119	29.2	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: VD074534.D
Acq: 13 Oct 2022 17:55

Tgt Ion:152	Resp:	1576
Ion	Ratio	Lower Upper
152	100	
115	44.0	26.8 80.4
150	172.0	0.0 348.2

