

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074937.D
 Acq On : 14 Nov 2022 16:23
 Operator : VA/SY
 Sample : N5509-01
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Nov 15 00:17:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	1147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	1083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	170	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	171	46.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.140%
35) Dibromofluoromethane	7.804	113	315	44.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.100%
50) Toluene-d8	10.275	98	1519	65.220	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.440%
62) 4-Bromofluorobenzene	12.580	95	114	15.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	31.880%

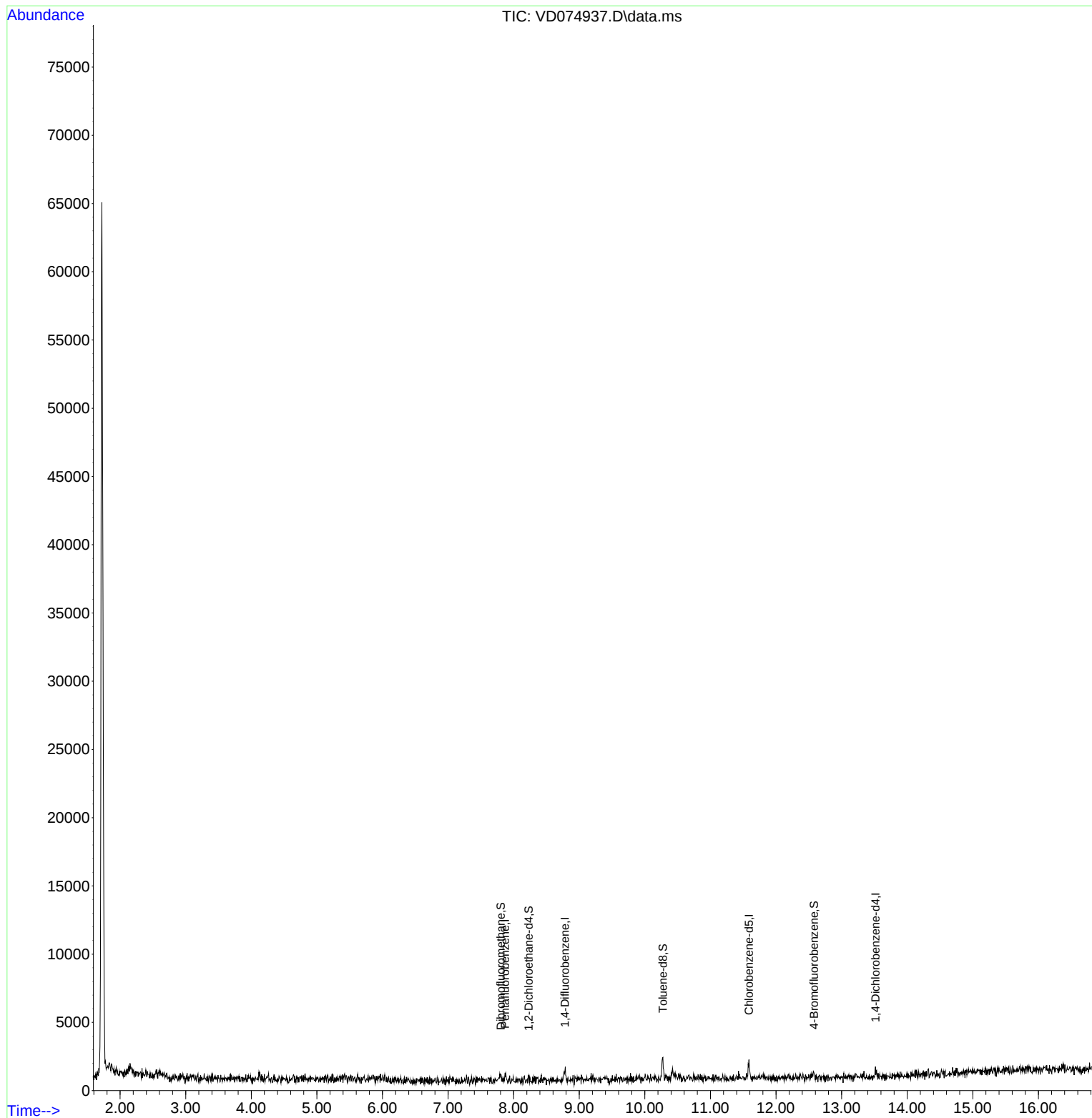
Target Compounds	Qvalue

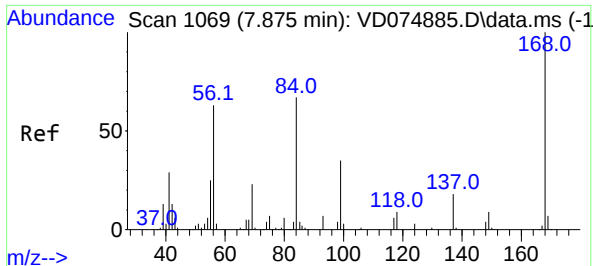
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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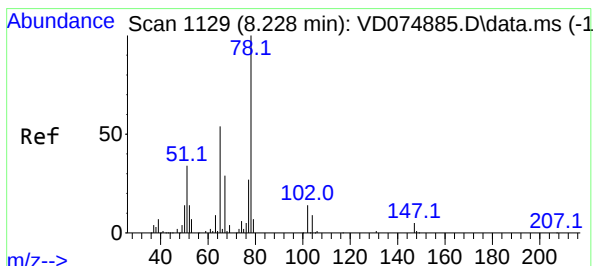
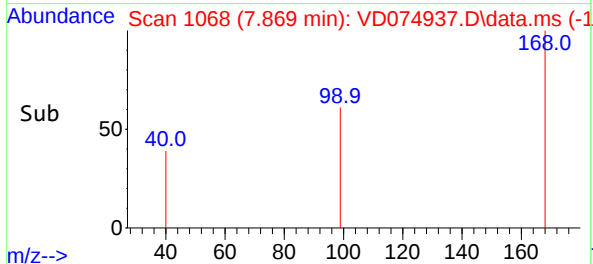
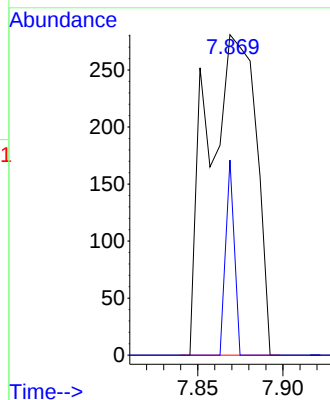
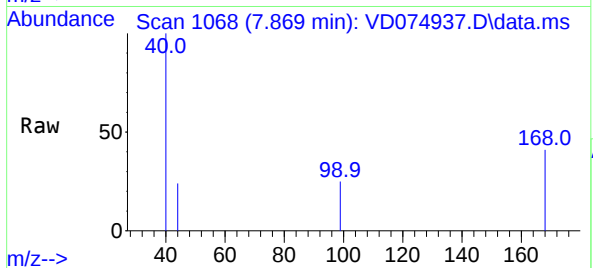




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074937.D
Acq: 14 Nov 2022 16:23

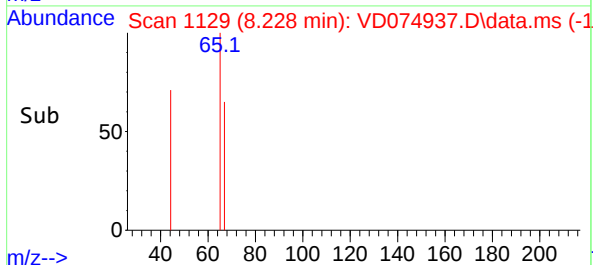
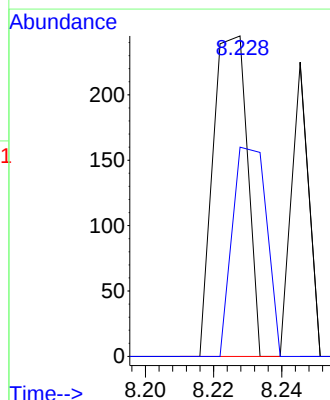
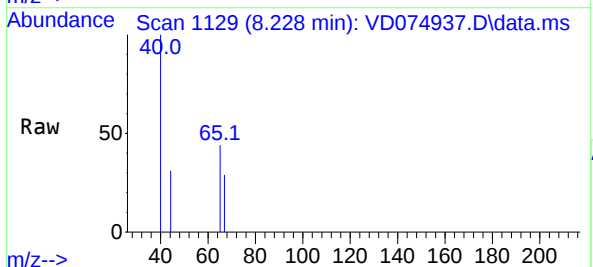
Instrument :
MSVOA_D
ClientSampleId :
TP-7

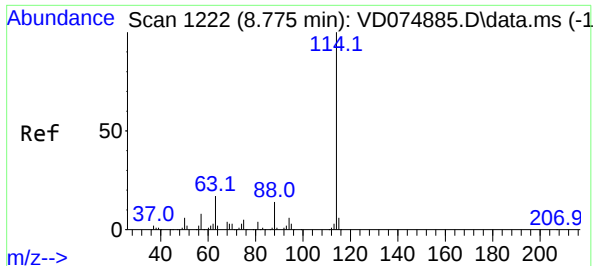
Tgt Ion:168 Resp: 553
Ion Ratio Lower Upper
168 100
99 60.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 46.072 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074937.D
Acq: 14 Nov 2022 16:23

Tgt Ion: 65 Resp: 171
Ion Ratio Lower Upper
65 100
67 64.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VD074937.D

Acq: 14 Nov 2022 16:23

Instrument :

MSVOA_D

ClientSampleId :

TP-7

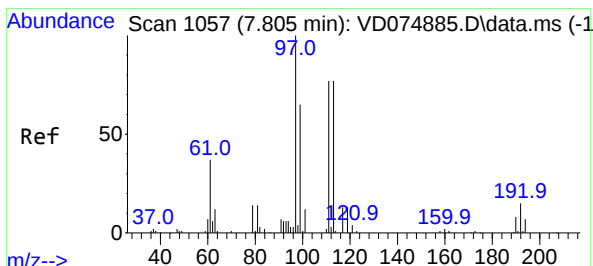
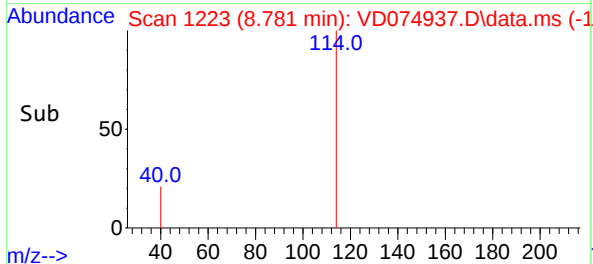
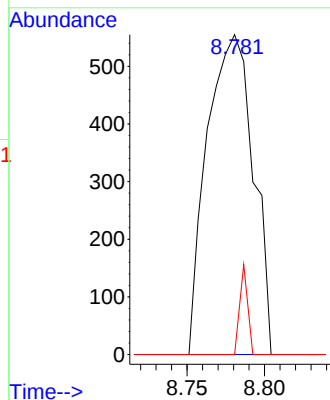
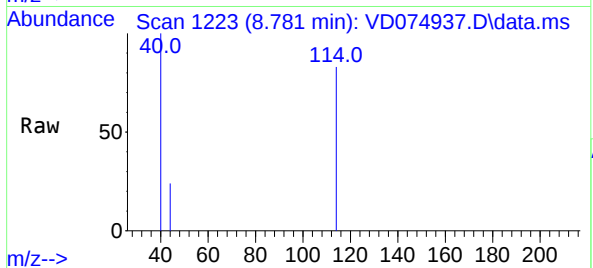
Tgt Ion:114 Resp: 1147

Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.2

88 0.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 44.552 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074937.D

Acq: 14 Nov 2022 16:23

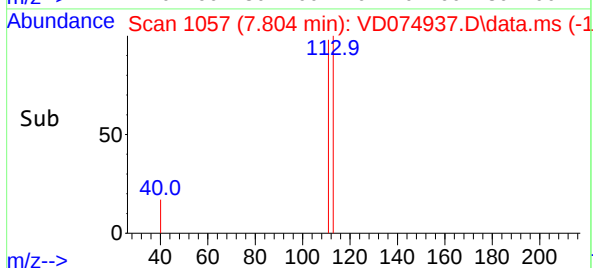
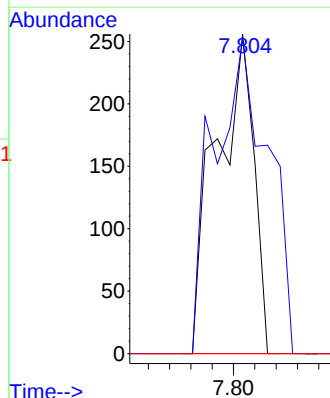
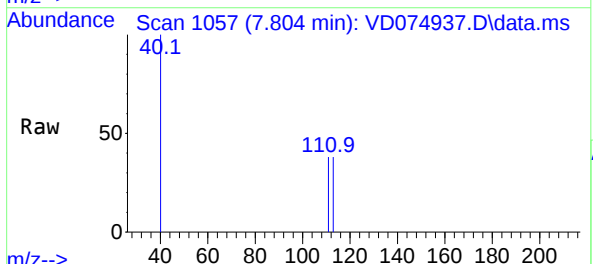
Tgt Ion:113 Resp: 315

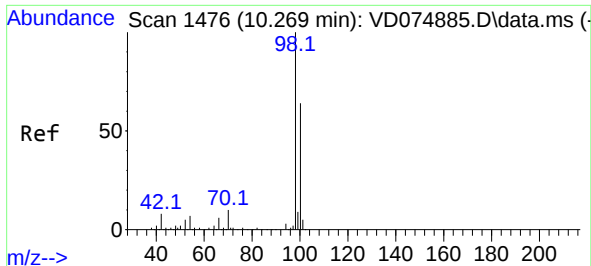
Ion Ratio Lower Upper

113 100

111 141.0 82.3 123.5#

192 0.0 16.4 24.6#

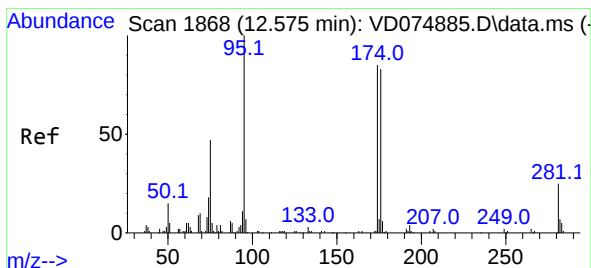
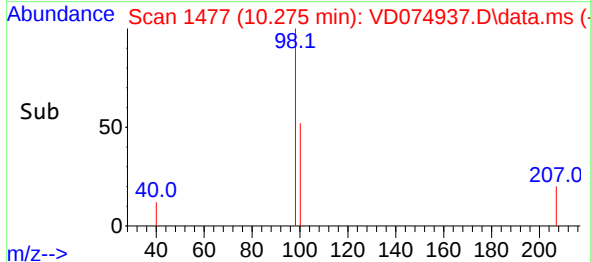
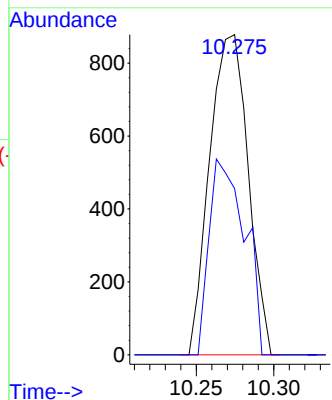
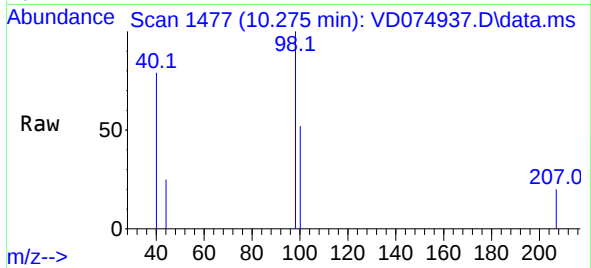




#50
Toluene-d8
Concen: 65.220 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074937.D
Acq: 14 Nov 2022 16:23

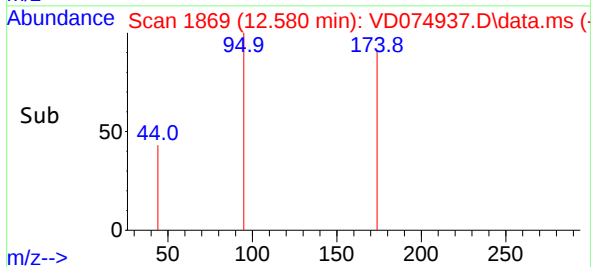
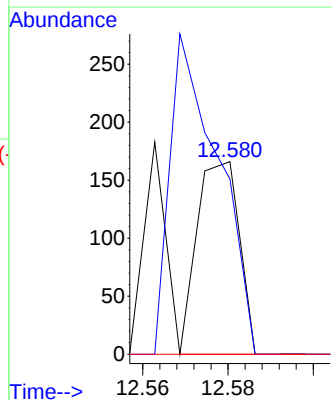
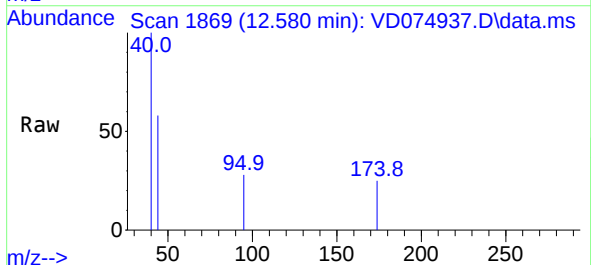
Instrument :
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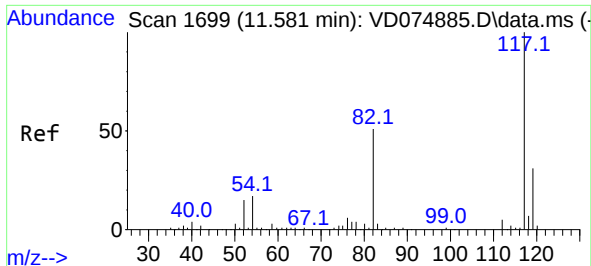
Tgt Ion: 98 Resp: 1519
Ion Ratio Lower Upper
98 100
100 56.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 15.940 ug/l
RT: 12.580 min Scan# 1869
Delta R.T. 0.005 min
Lab File: VD074937.D
Acq: 14 Nov 2022 16:23

Tgt Ion: 95 Resp: 114
Ion Ratio Lower Upper
95 100
174 0.0 0.0 197.0
176 0.0 0.0 182.6

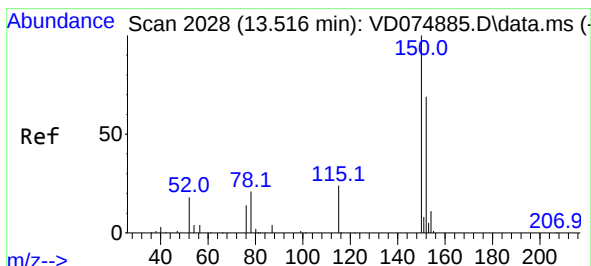
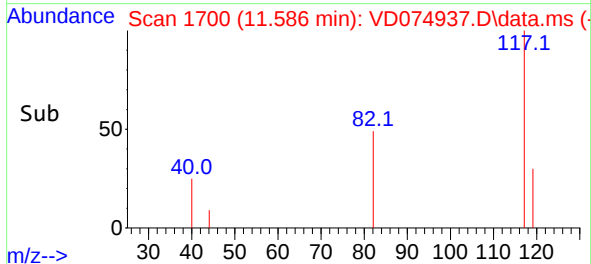
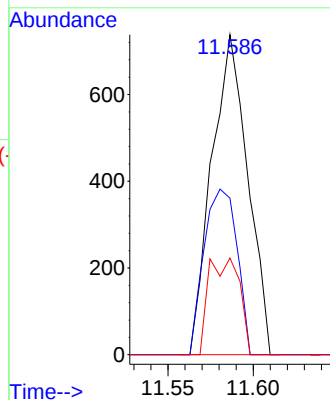
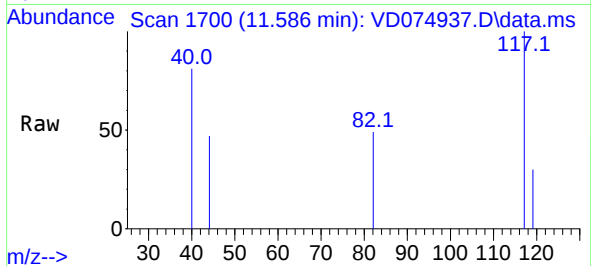




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 117
Delta R.T. 0.005 min
Lab File: VD074937.D
Acq: 14 Nov 2022 16:23

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion:	117	Resp:	1083
Ion	Ratio	Lower	Upper
117	100		
82	48.9	41.6	62.4
119	30.2	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074937.D
Acq: 14 Nov 2022 16:23

Tgt Ion:	152	Resp:	170
Ion	Ratio	Lower	Upper
152	100		
115	0.0	26.8	80.4#
150	241.8	0.0	348.2

