

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074934.D
 Acq On : 14 Nov 2022 15:01
 Operator : VA/SY
 Sample : N5607-09RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-39

Quant Time: Nov 15 00:16:46 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	7.881	168	22950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	42744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	46745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	21554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	19544	138.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 277.340%#	
35) Dibromofluoromethane	7.816	113	17578	66.713	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.420%	
50) Toluene-d8	10.269	98	49658	57.214	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.420%	
62) 4-Bromofluorobenzene	12.575	95	16798	63.028	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.060%	

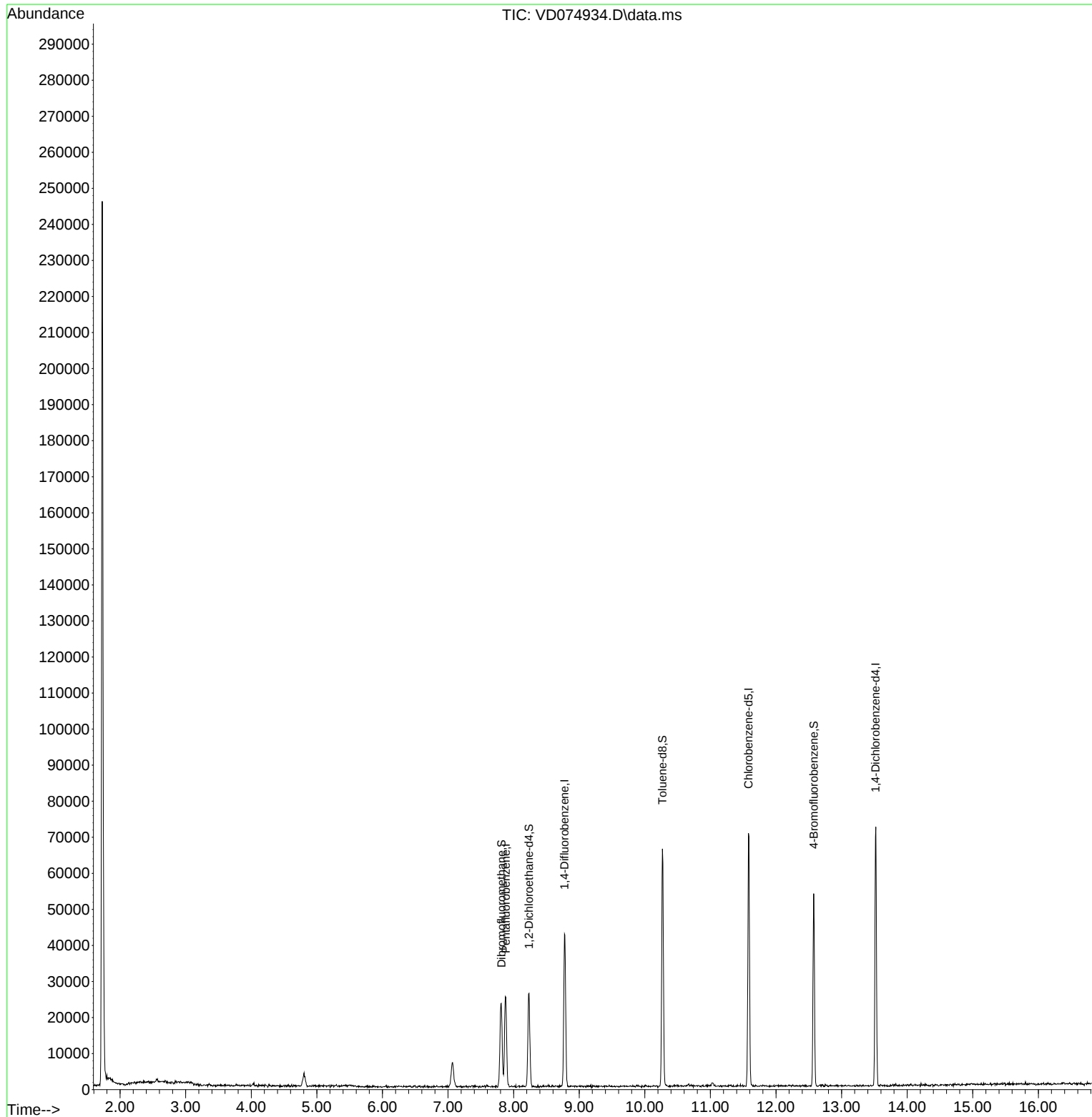
Target Compounds	Qvalue

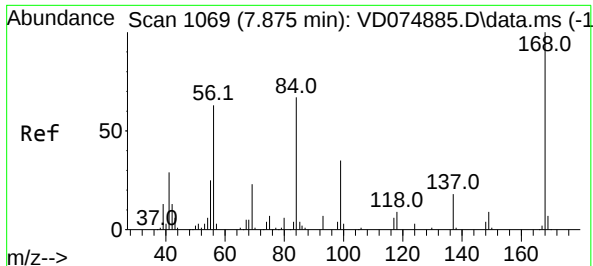
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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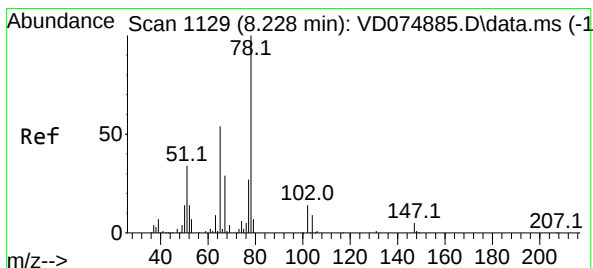
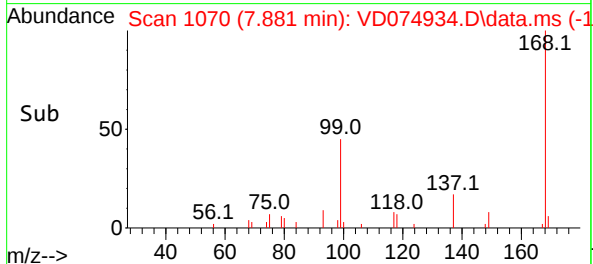
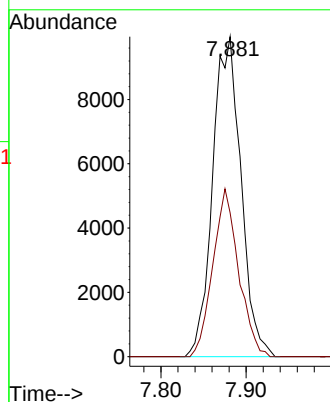
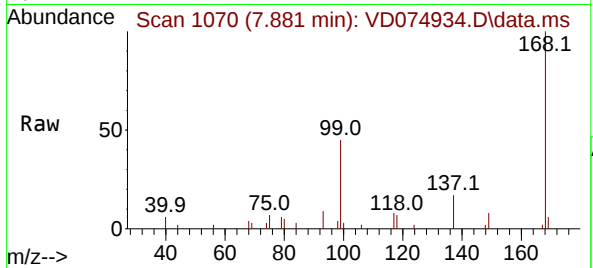




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

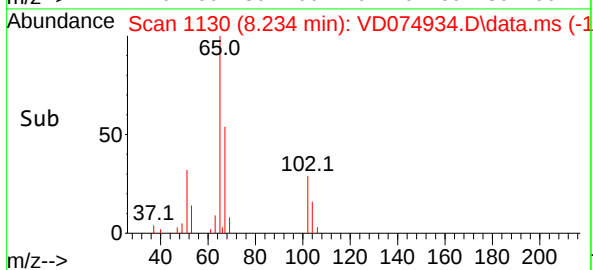
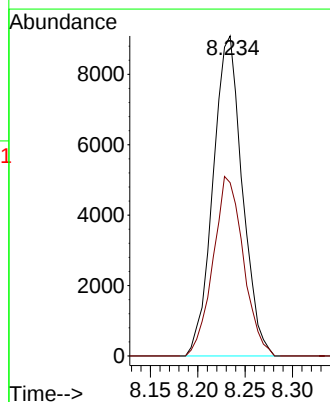
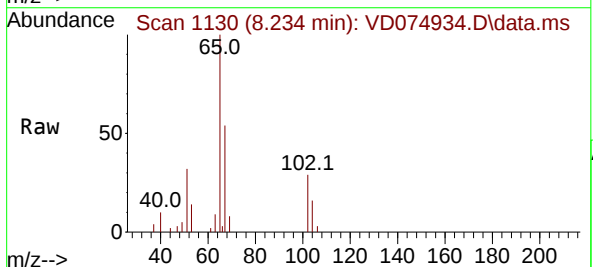
Instrument :
MSVOA_D
ClientSampleId :
SB-39

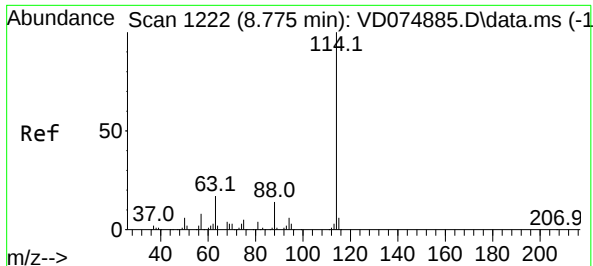
Tgt Ion:168 Resp: 22950
Ion Ratio Lower Upper
168 100
99 44.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 138.669 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

Tgt Ion: 65 Resp: 19544
Ion Ratio Lower Upper
65 100
67 58.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074934.D

Acq: 14 Nov 2022 15:01

Instrument :

MSVOA_D

ClientSampleId :

SB-39

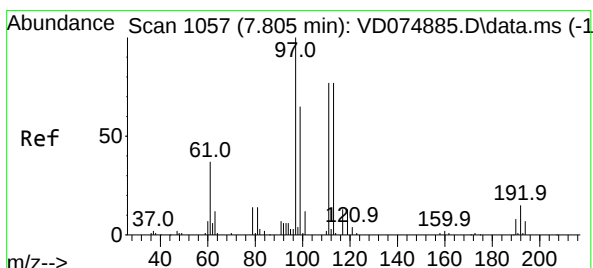
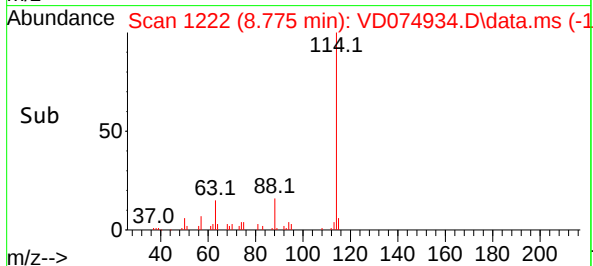
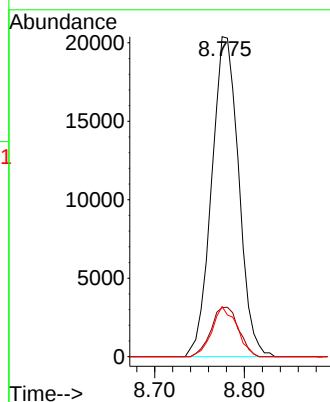
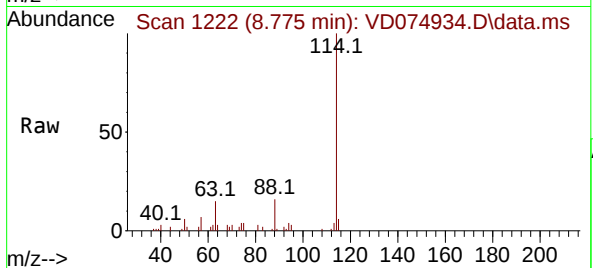
Tgt Ion:114 Resp: 42744

Ion Ratio Lower Upper

114 100

63 15.3 0.0 33.2

88 15.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 66.713 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.011 min

Lab File: VD074934.D

Acq: 14 Nov 2022 15:01

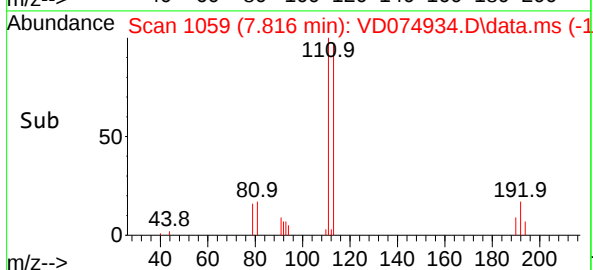
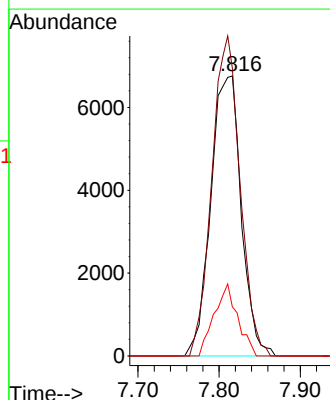
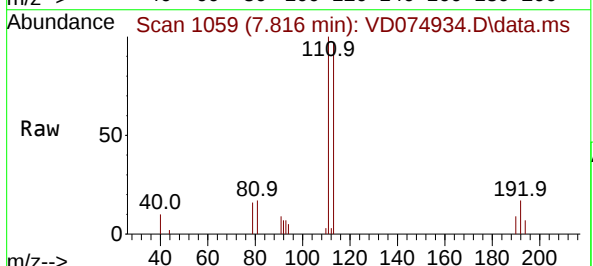
Tgt Ion:113 Resp: 17578

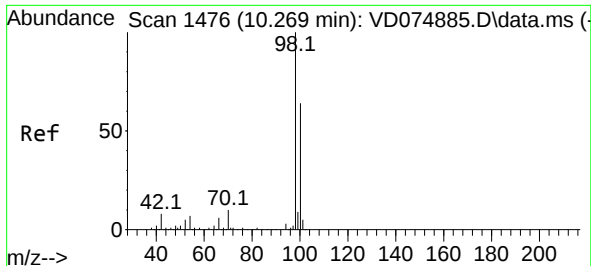
Ion Ratio Lower Upper

113 100

111 106.1 82.3 123.5

192 19.8 16.4 24.6

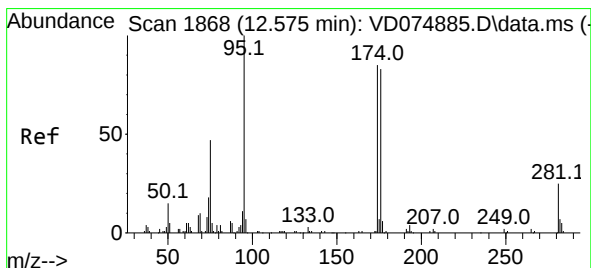
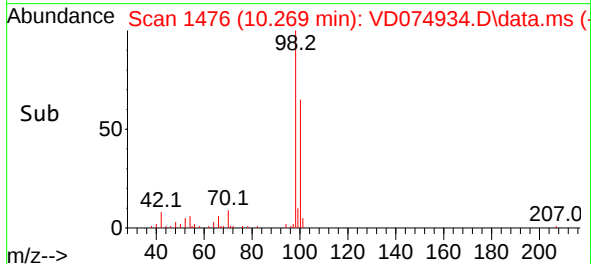
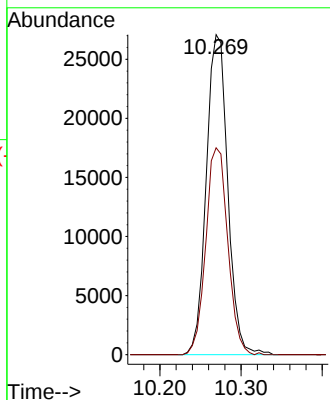
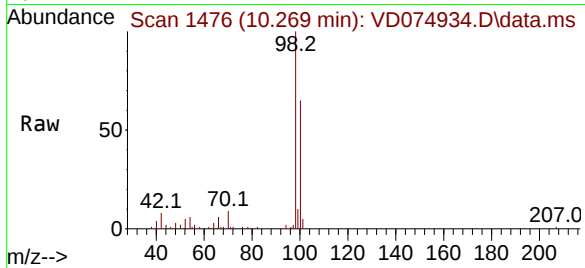




#50
Toluene-d8
Concen: 57.214 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

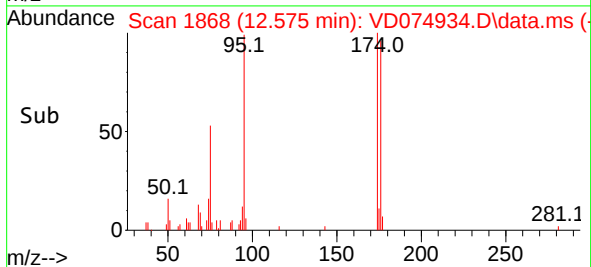
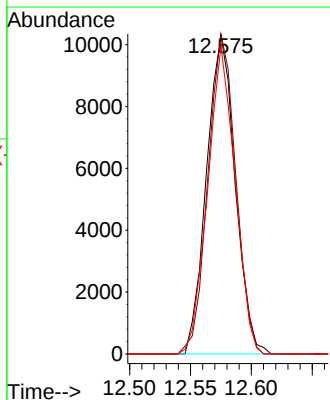
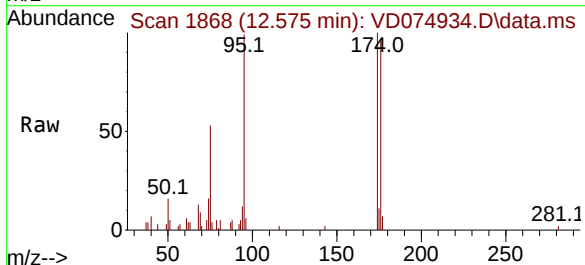
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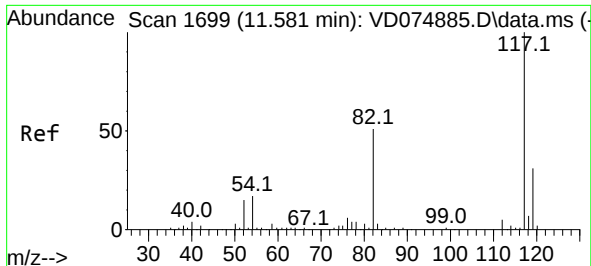
Tgt Ion: 98 Resp: 49658
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 63.028 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

Tgt Ion: 95 Resp: 16798
Ion Ratio Lower Upper
95 100
174 97.6 0.0 197.0
176 92.8 0.0 182.6

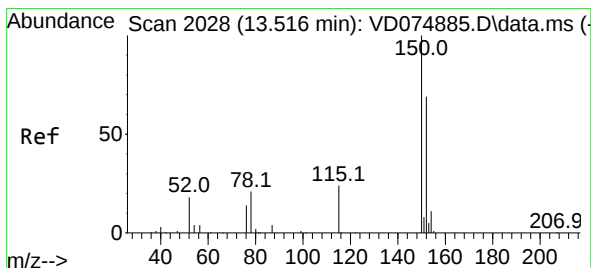
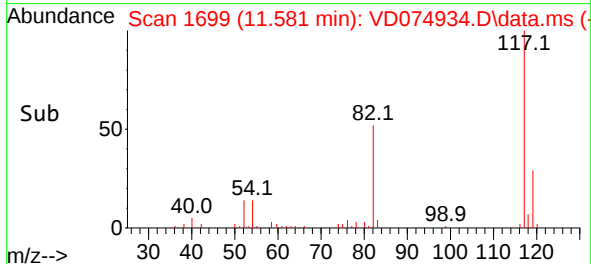
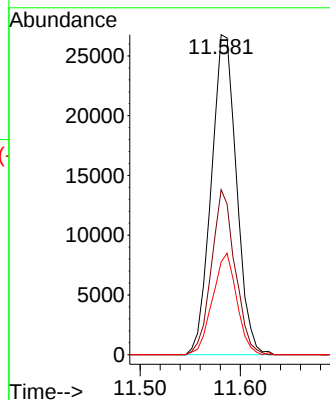
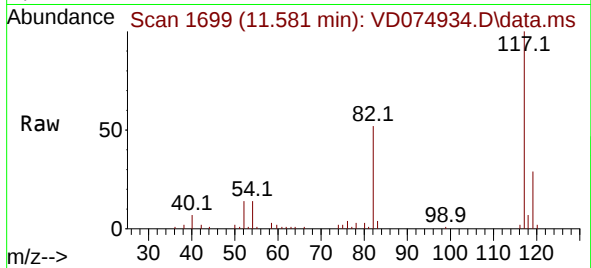




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074934.D
Acq: 14 Nov 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
SB-39

Tgt Ion:117 Resp: 46745
Ion Ratio Lower Upper
117 100
82 51.5 41.6 62.4
119 29.0 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: VD074934.D
Acq: 14 Nov 2022 15:01

Tgt Ion:152 Resp: 21554
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 156.6 0.0 348.2

