

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074935.D
 Acq On : 14 Nov 2022 15:29
 Operator : VA/SY
 Sample : N5607-11RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40ARE

Quant Time: Nov 15 00:16:55 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	5163	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	9605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	9785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	3909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	4707	148.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 297.860%#	
35) Dibromofluoromethane	7.805	113	3986	67.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.640%	
50) Toluene-d8	10.269	98	10480	53.734	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	12.575	95	3177	53.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.100%	

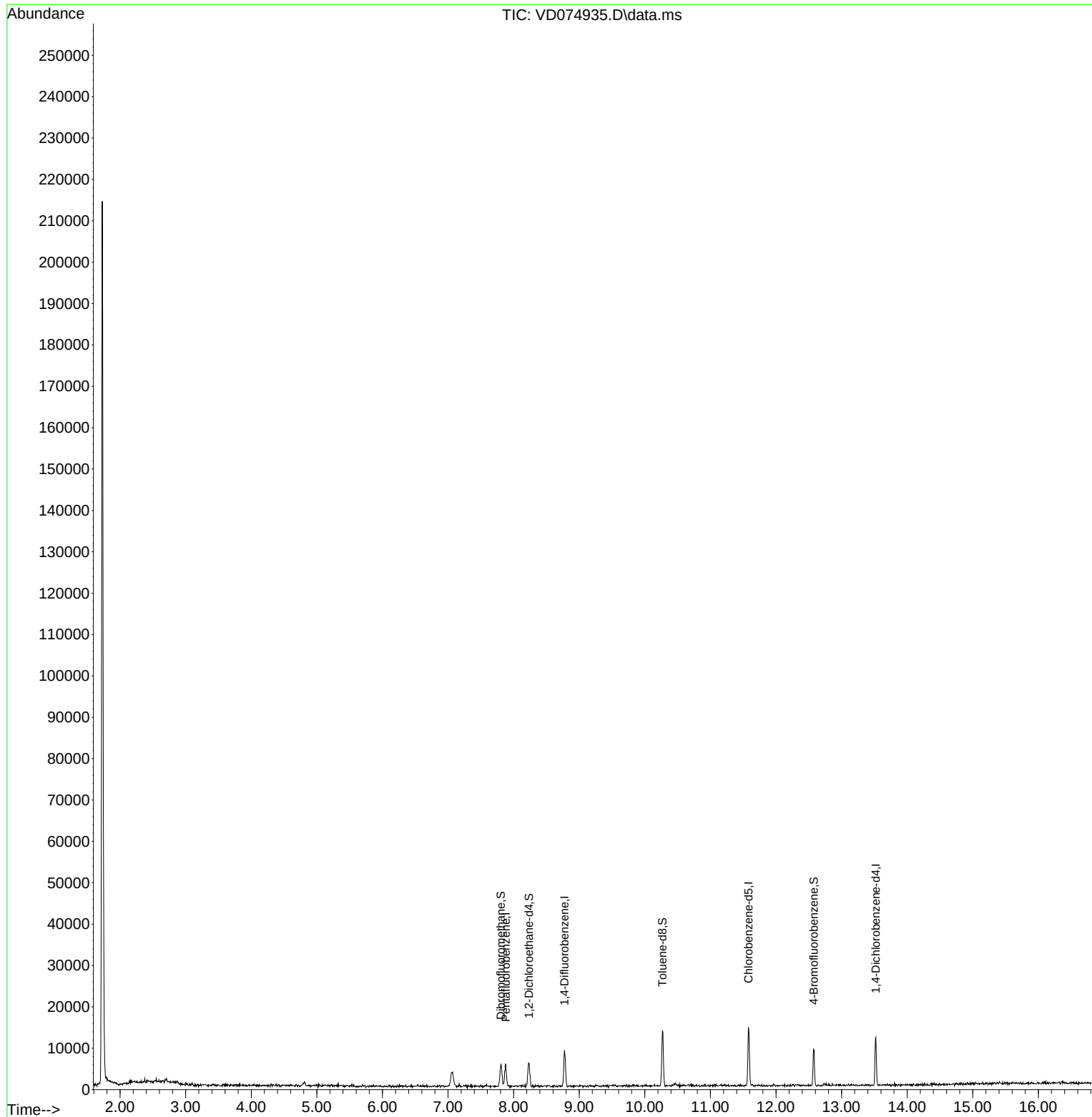
Target Compounds	Qvalue

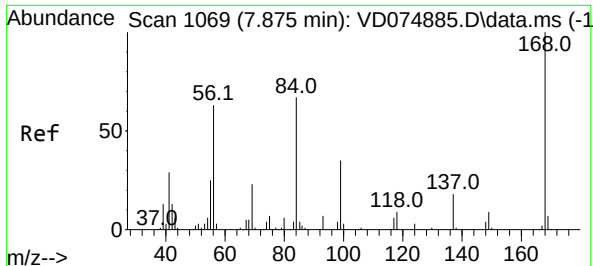
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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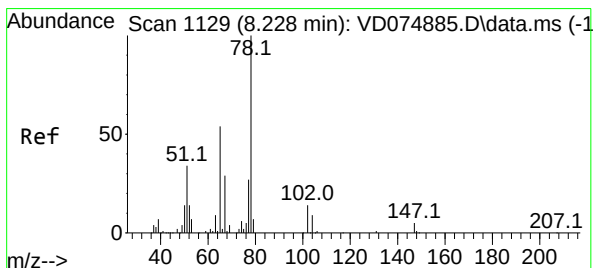
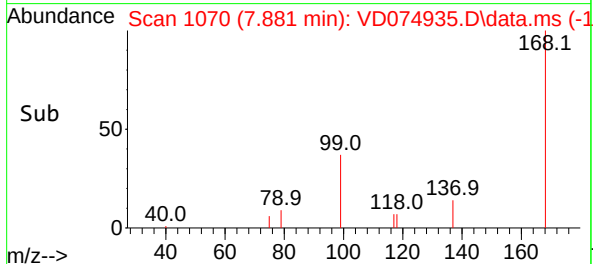
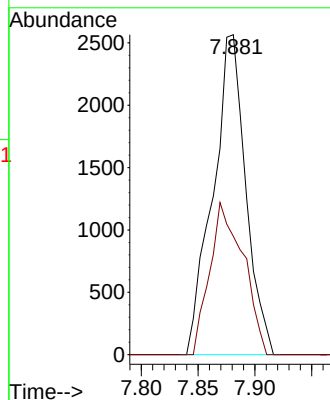
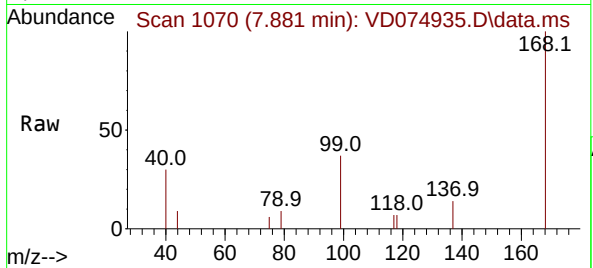




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074935.D
Acq: 14 Nov 2022 15:29

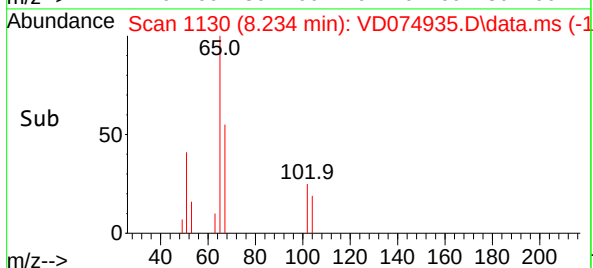
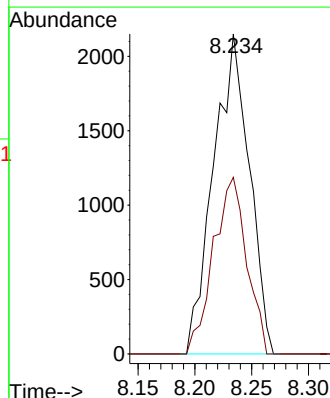
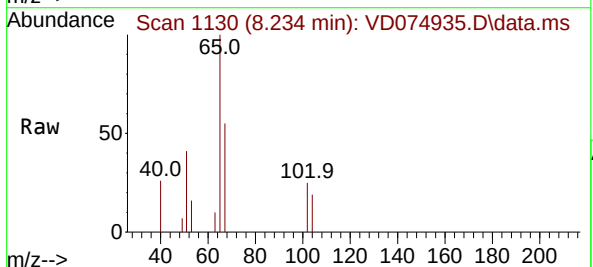
Instrument :
MSVOA_D
ClientSampleId :
SB-40ARE

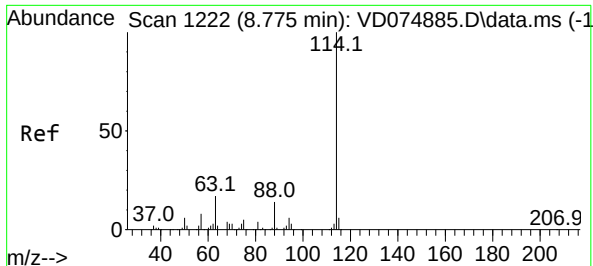
Tgt Ion:168 Resp: 5163
Ion Ratio Lower Upper
168 100
99 37.0 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 148.928 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074935.D
Acq: 14 Nov 2022 15:29

Tgt Ion: 65 Resp: 4707
Ion Ratio Lower Upper
65 100
67 51.3 0.0 110.2

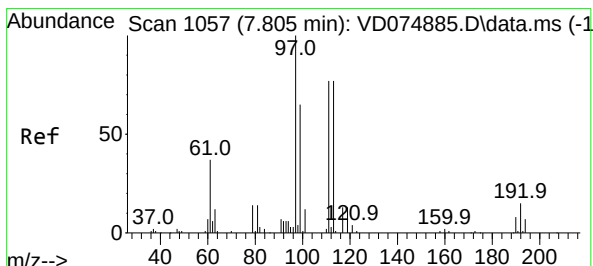
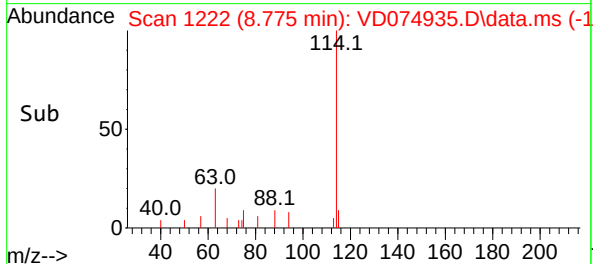
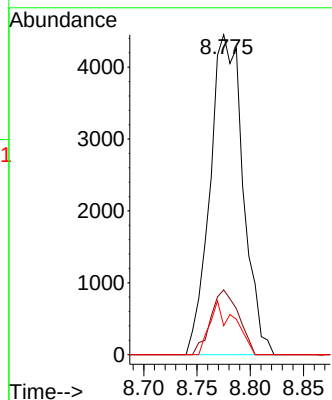
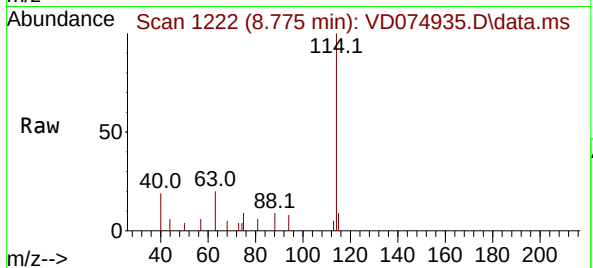




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074935.D
Acq: 14 Nov 2022 15:29

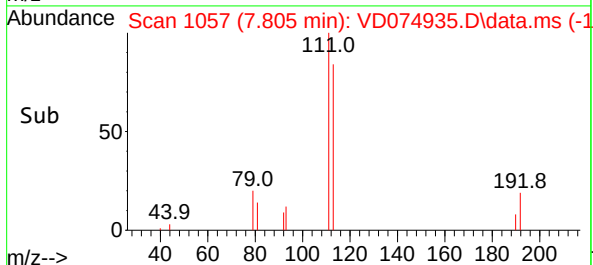
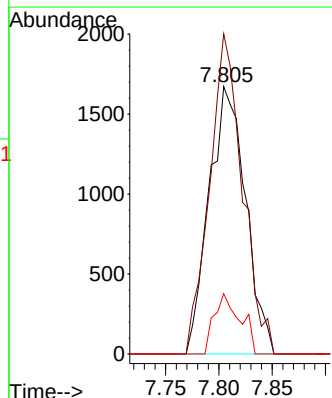
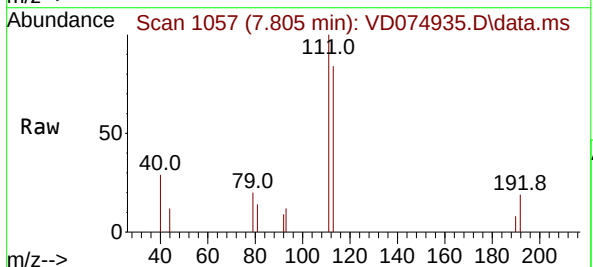
Instrument :
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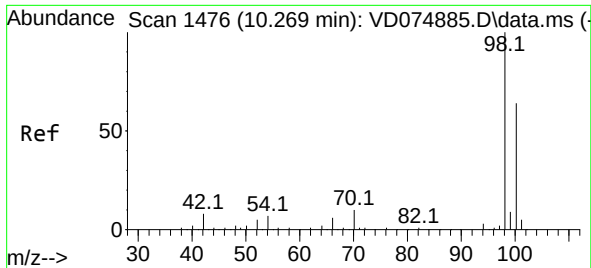
Tgt Ion:	114	Resp:	9605
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	33.2
88	9.0	0.0	28.2



#35
Dibromofluoromethane
Concen: 67.322 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074935.D
Acq: 14 Nov 2022 15:29

Tgt Ion:	113	Resp:	3986
Ion	Ratio	Lower	Upper
113	100		
111	107.5	82.3	123.5
192	16.1	16.4	24.6

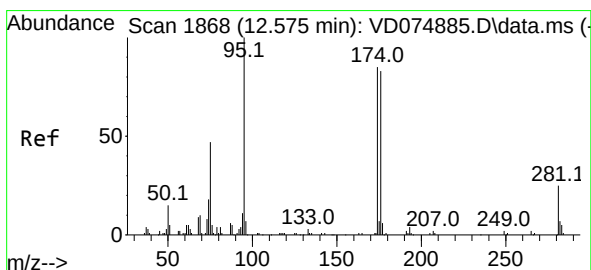
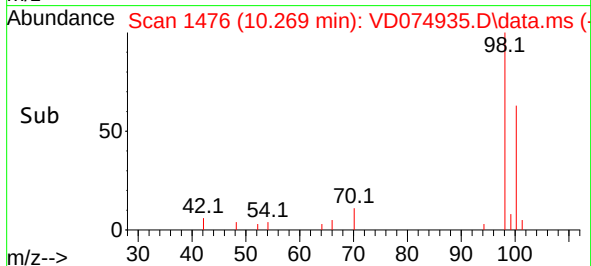
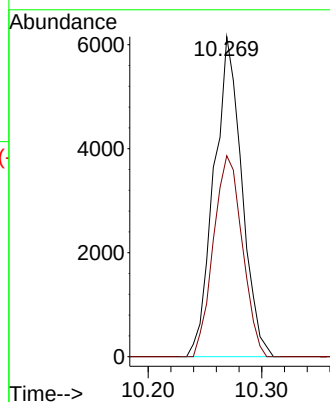
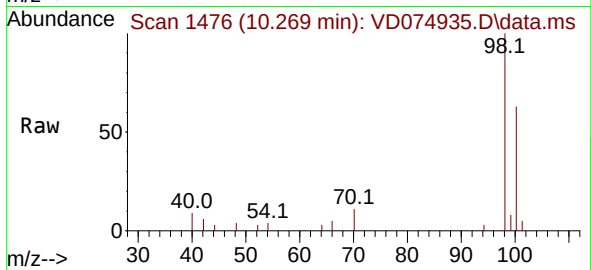




#50
Toluene-d8
Concen: 53.734 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074935.D
Acq: 14 Nov 2022 15:29

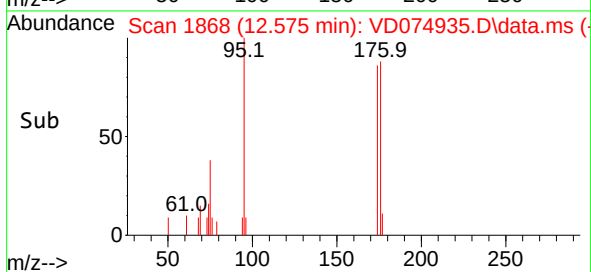
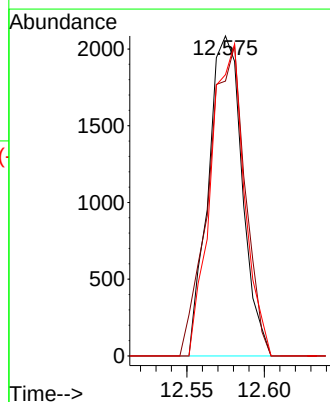
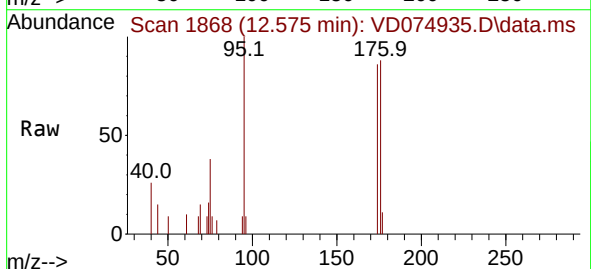
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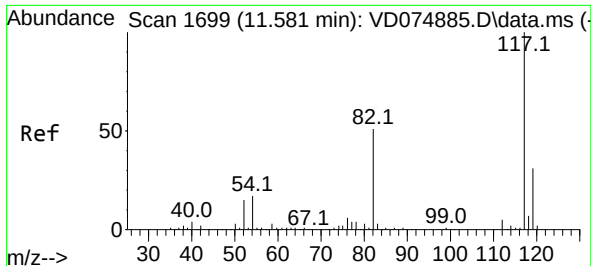
Tgt Ion: 98 Resp: 10480
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 53.049 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074935.D
Acq: 14 Nov 2022 15:29

Tgt Ion: 95 Resp: 3177
Ion Ratio Lower Upper
95 100
174 103.5 0.0 197.0
176 96.5 0.0 182.6

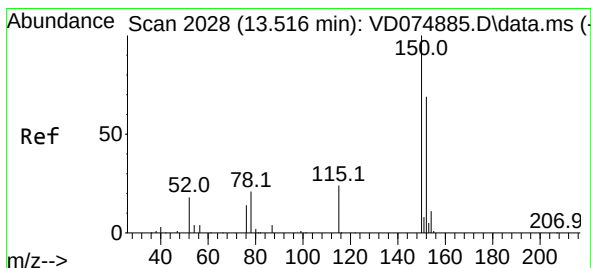
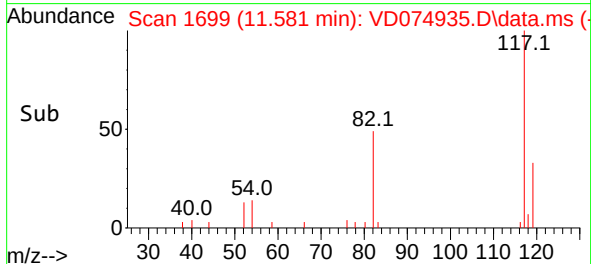
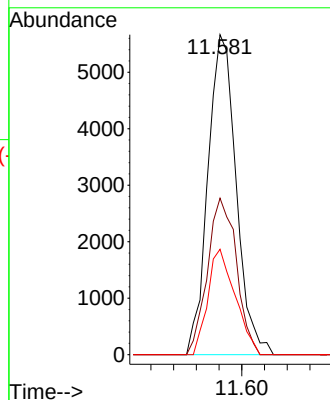
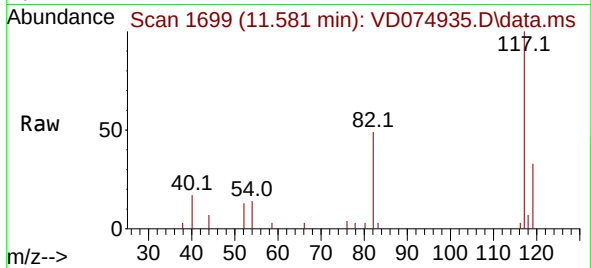




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074935.D
Acq: 14 Nov 2022 15:29

Instrument :
MSVOA_D
ClientSampleId :
SB-40ARE

Tgt Ion:117 Resp: 9785
Ion Ratio Lower Upper
117 100
82 48.9 41.6 62.4
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074935.D
Acq: 14 Nov 2022 15:29

Tgt Ion:152 Resp: 3909
Ion Ratio Lower Upper
152 100
115 48.1 26.8 80.4
150 156.8 0.0 348.2

