

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074554.D
 Acq On : 17 Oct 2022 19:39
 Operator : VA/SY
 Sample : N5162-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-4-101422

Quant Time: Oct 17 23:10:30 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	4041	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	7306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	7953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	3720	106.948	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 213.900%#	
35) Dibromofluoromethane	7.805	113	3659	85.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 170.140%#	
50) Toluene-d8	10.269	98	9551	56.860	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.720%	
62) 4-Bromofluorobenzene	12.569	95	3190	63.585	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 127.160%	

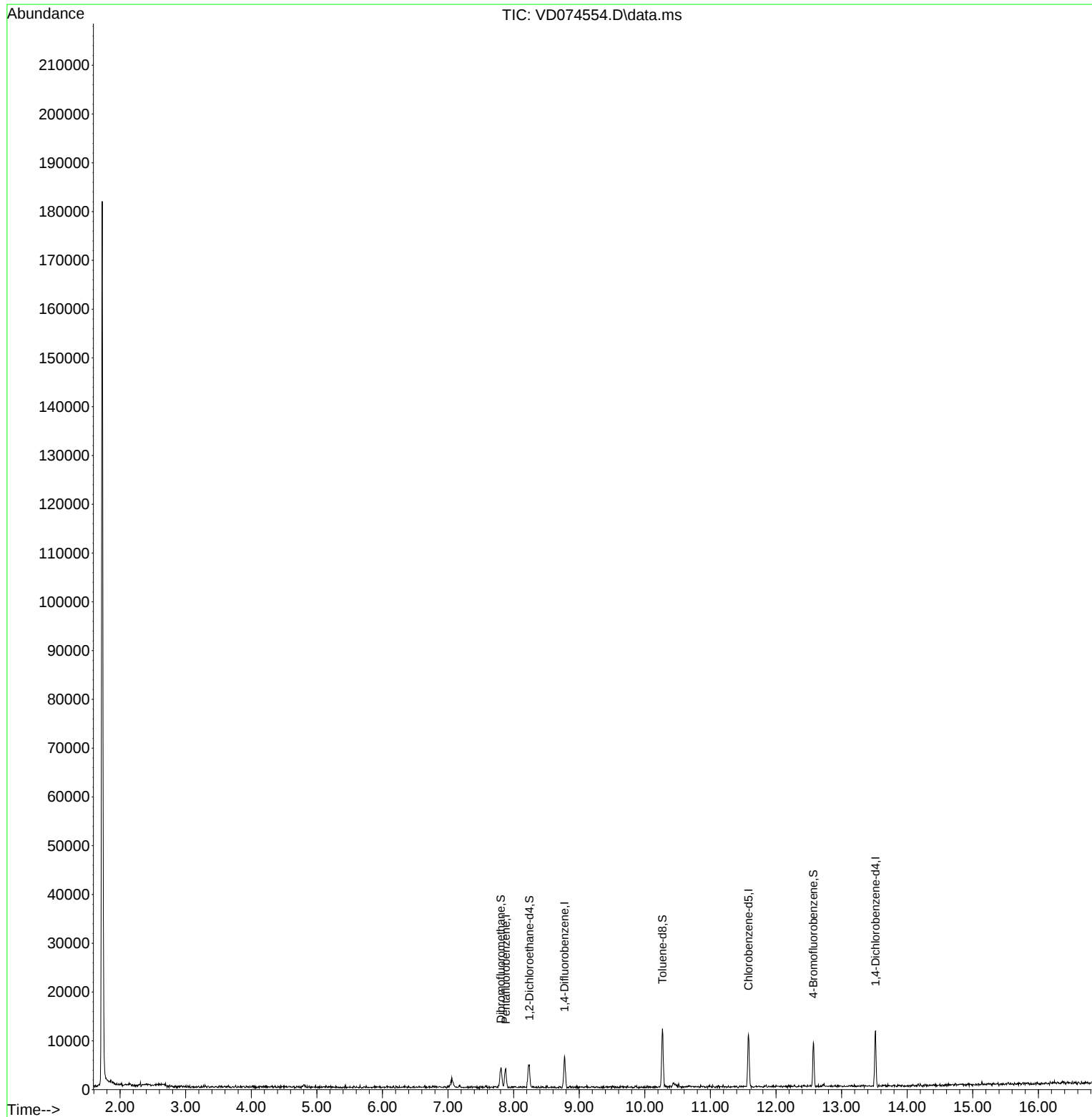
Target Compounds	Qvalue

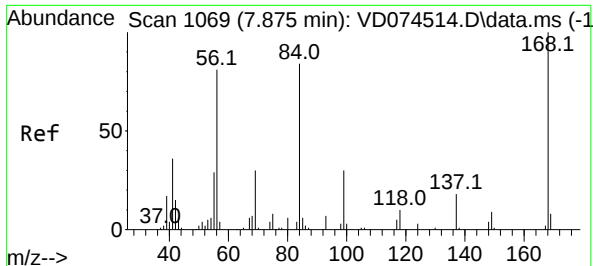
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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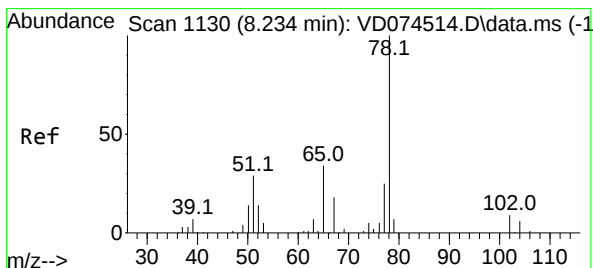
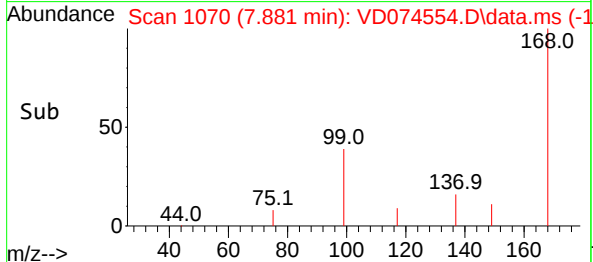
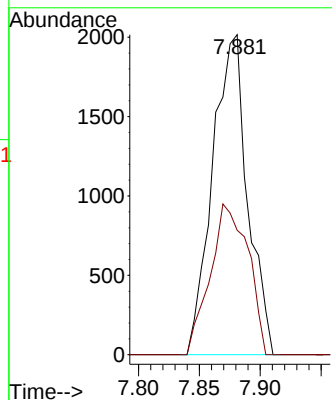
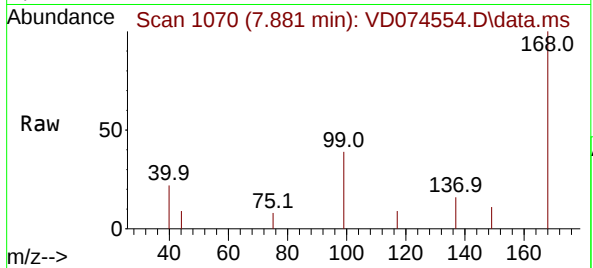




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074554.D
Acq: 17 Oct 2022 19:39

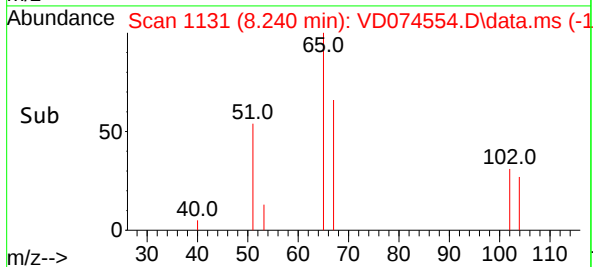
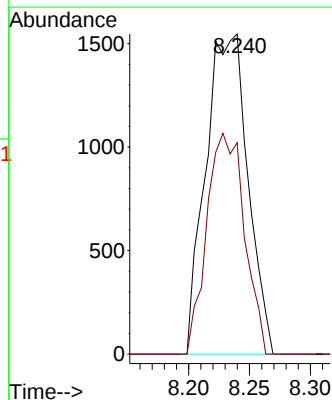
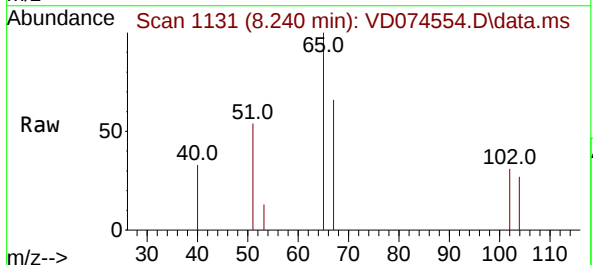
Instrument :
MSVOA_D
ClientSampleId :
TR-4-101422

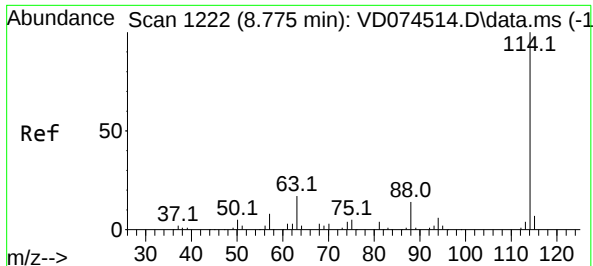
Tgt Ion:168 Resp: 4041
Ion Ratio Lower Upper
168 100
99 38.9 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 106.948 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VD074554.D
Acq: 17 Oct 2022 19:39

Tgt Ion: 65 Resp: 3720
Ion Ratio Lower Upper
65 100
67 61.5 0.0 110.2

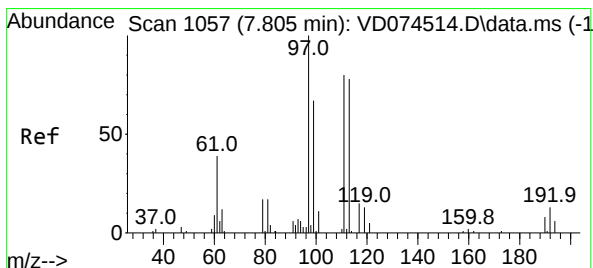
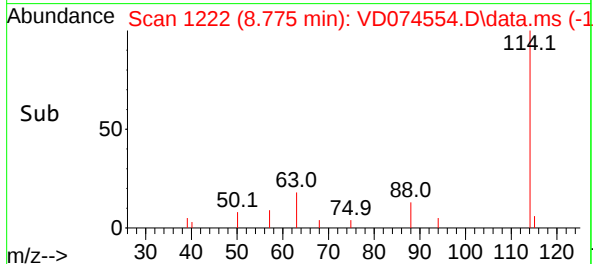
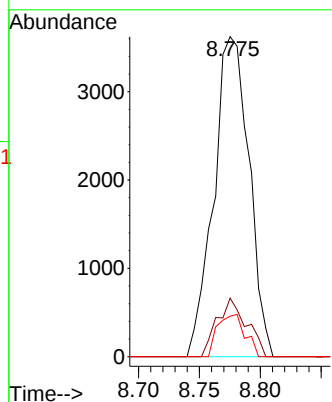
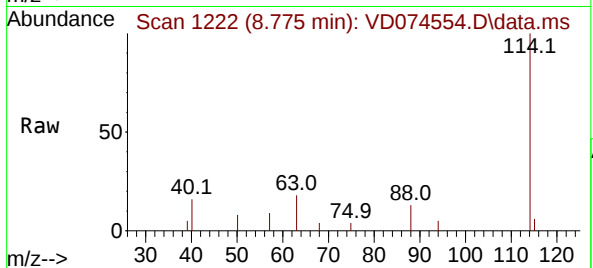




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074554.D
Acq: 17 Oct 2022 19:39

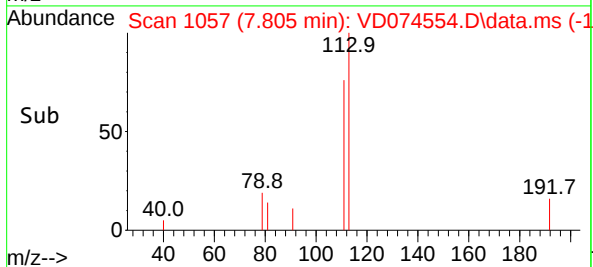
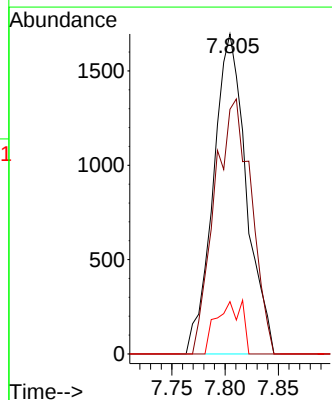
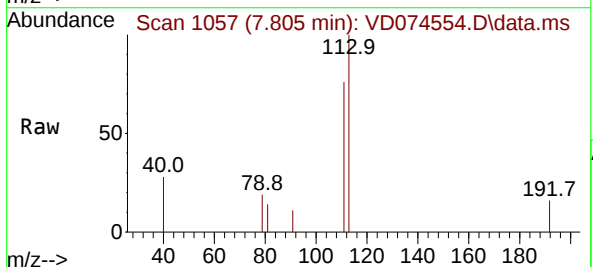
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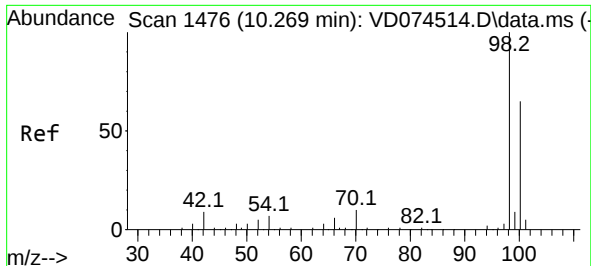
Tgt Ion:114	Resp:	7306
Ion Ratio	Lower	Upper
114	100	
63	18.3	0.0 33.2
88	12.6	0.0 28.2



#35
Dibromofluoromethane
Concen: 85.074 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074554.D
Acq: 17 Oct 2022 19:39

Tgt Ion:113	Resp:	3659
Ion Ratio	Lower	Upper
113	100	
111	88.5	82.3 123.5
192	12.8	16.4 24.6#

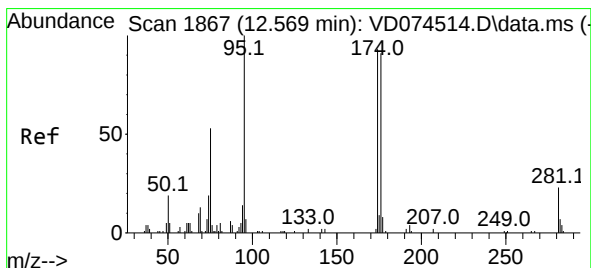
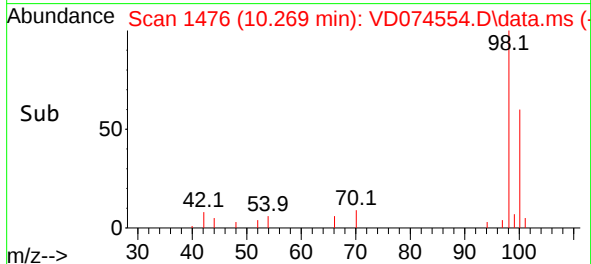
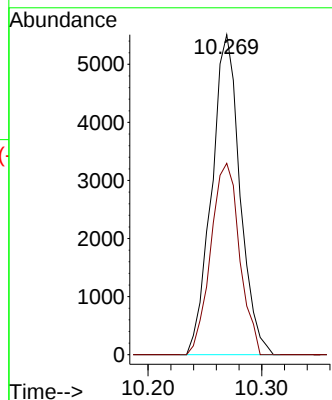
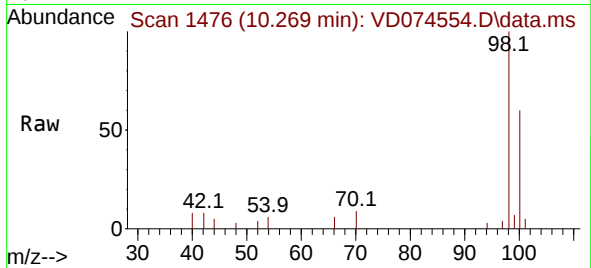




#50
Toluene-d8
Concen: 56.860 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074554.D
Acq: 17 Oct 2022 19:39

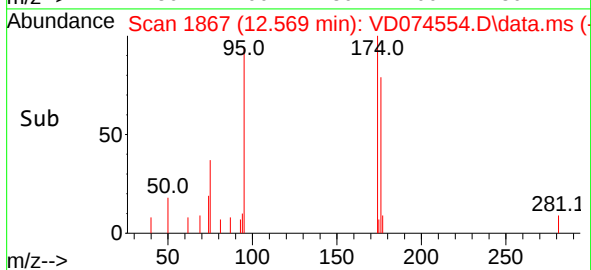
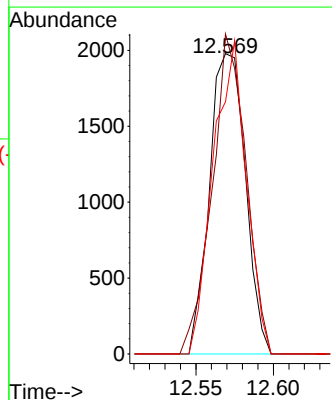
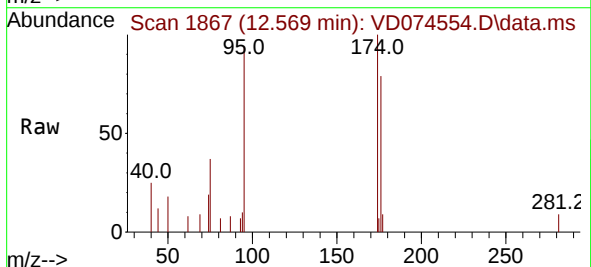
Instrument :
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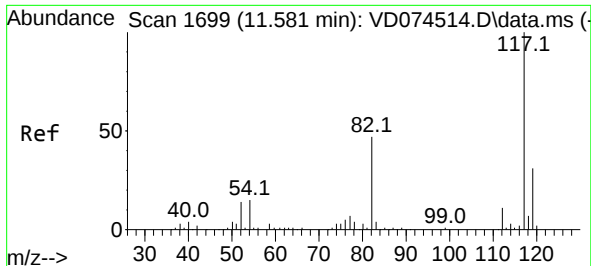
Tgt Ion: 98 Resp: 9551
Ion Ratio Lower Upper
98 100
100 60.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 63.585 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074554.D
Acq: 17 Oct 2022 19:39

Tgt Ion: 95 Resp: 3190
Ion Ratio Lower Upper
95 100
174 100.7 0.0 197.0
176 96.2 0.0 182.6

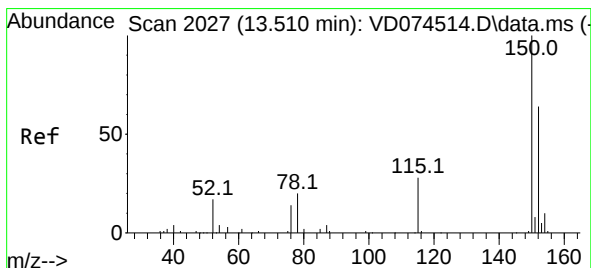
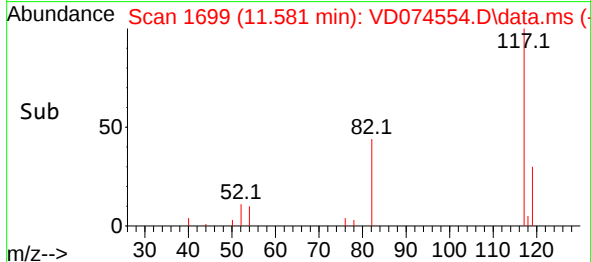
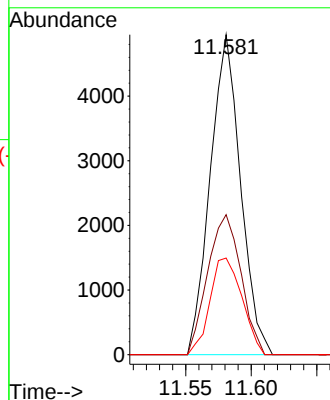
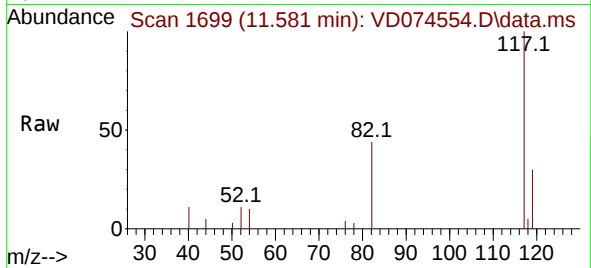




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074554.D
Acq: 17 Oct 2022 19:39

Instrument :
MSVOA_D
ClientSampleId :
TR-4-101422

Tgt Ion:117 Resp: 7953
Ion Ratio Lower Upper
117 100
82 43.7 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. 0.006 min
Lab File: VD074554.D
Acq: 17 Oct 2022 19:39

Tgt Ion:152 Resp: 3625
Ion Ratio Lower Upper
152 100
115 52.1 26.8 80.4
150 162.8 0.0 348.2

