

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074679.D
 Acq On : 28 Oct 2022 18:42
 Operator : VA/SY
 Sample : N5267-10RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4-1024RE

Quant Time: Oct 29 02:16:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	2471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	4174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	4129	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	1816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	1865	89.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.840%#	
35) Dibromofluoromethane	7.799	113	1645	64.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.080%	
50) Toluene-d8	10.269	98	5787	59.041	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.080%	
62) 4-Bromofluorobenzene	12.575	95	2076	77.120	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 154.240%#	

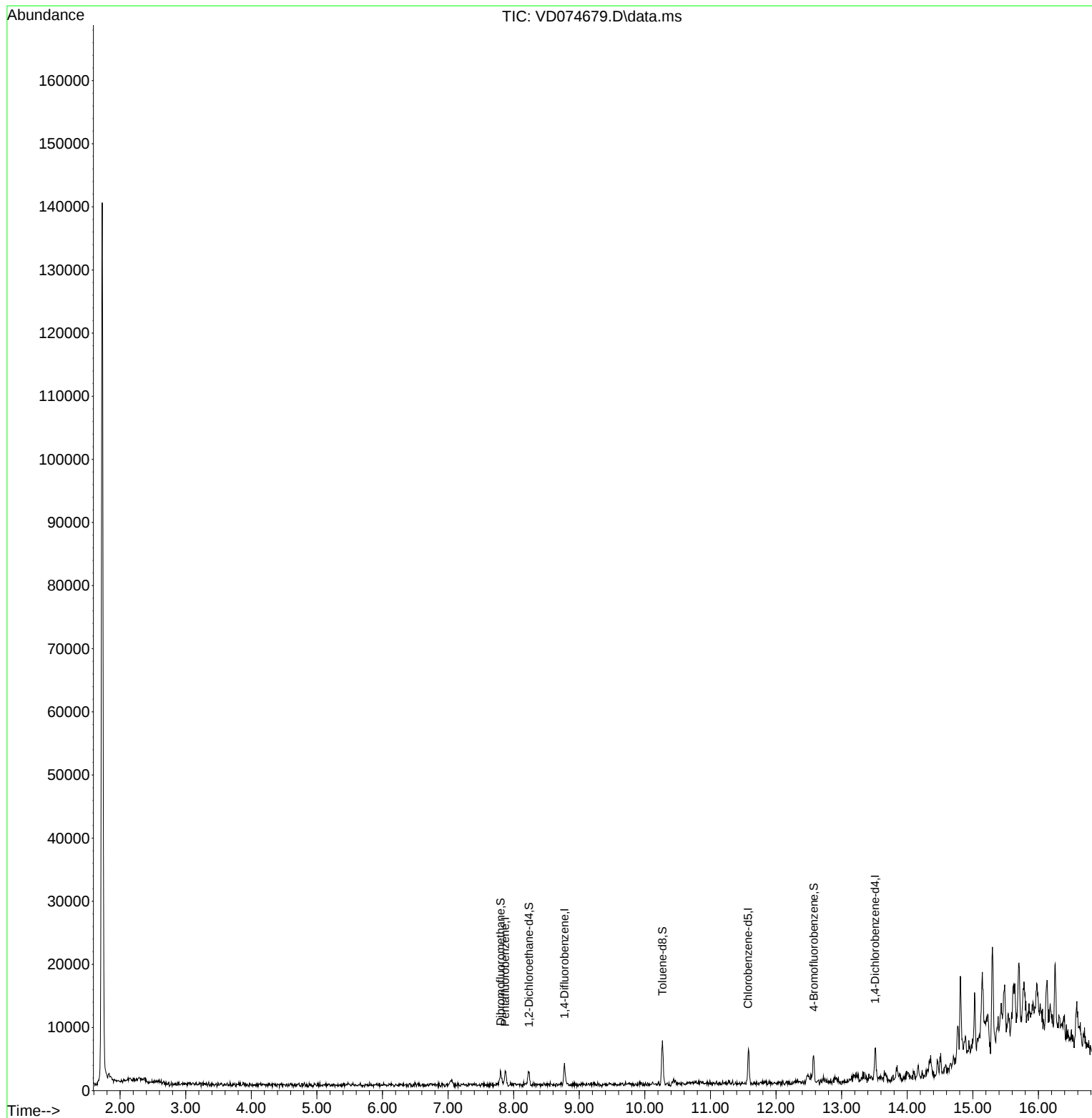
Target Compounds	Qvalue

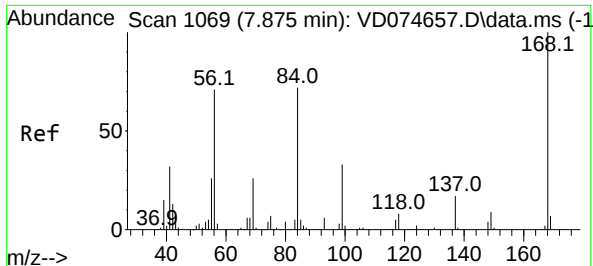
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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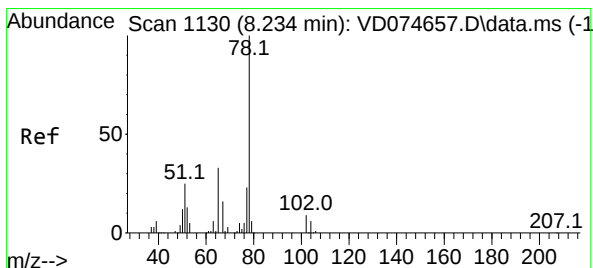
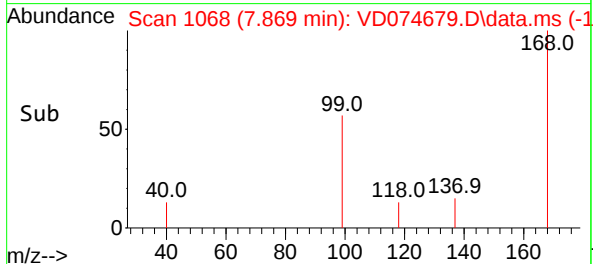
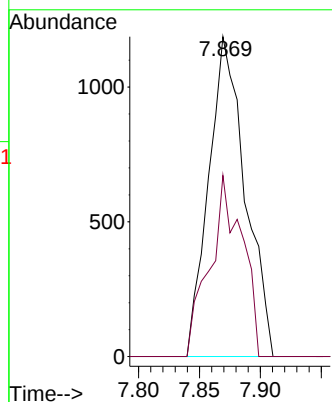
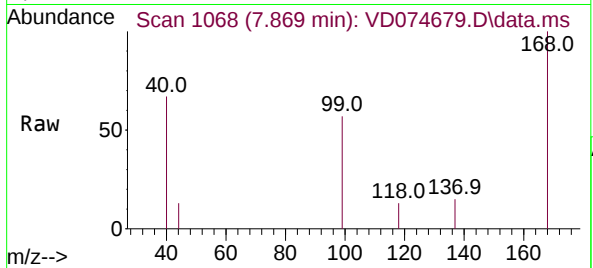




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074679.D
Acq: 28 Oct 2022 18:42

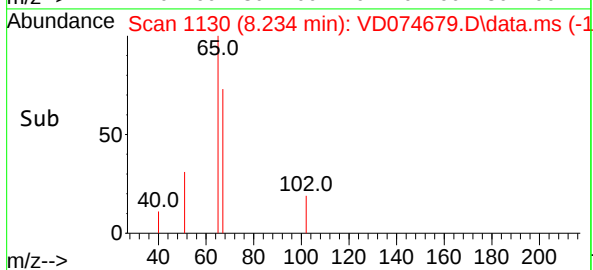
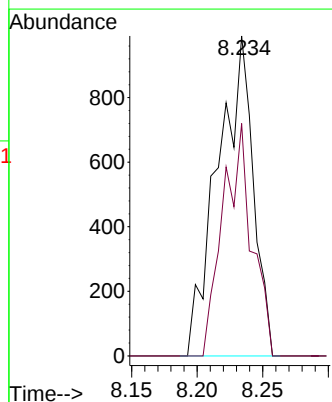
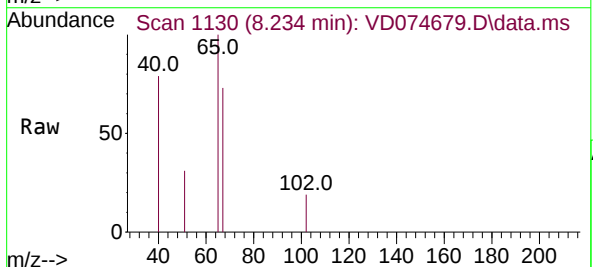
Instrument :
MSVOA_D
ClientSampleId :
TP4-1024RE

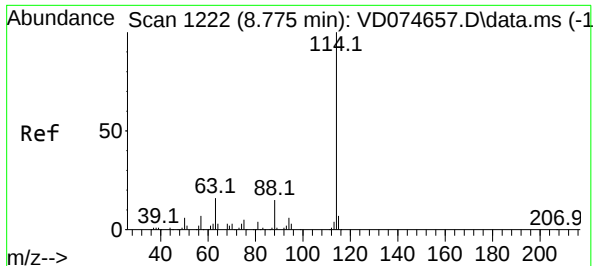
Tgt Ion:168 Resp: 2471
Ion Ratio Lower Upper
168 100
99 56.6 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 89.424 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074679.D
Acq: 28 Oct 2022 18:42

Tgt Ion: 65 Resp: 1865
Ion Ratio Lower Upper
65 100
67 59.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074679.D

Acq: 28 Oct 2022 18:42

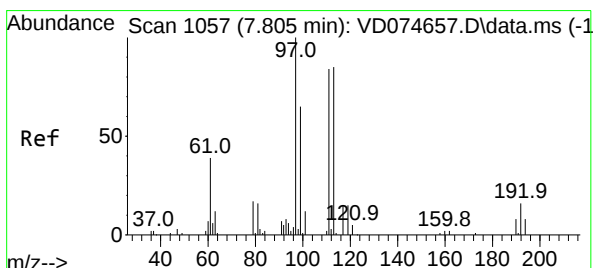
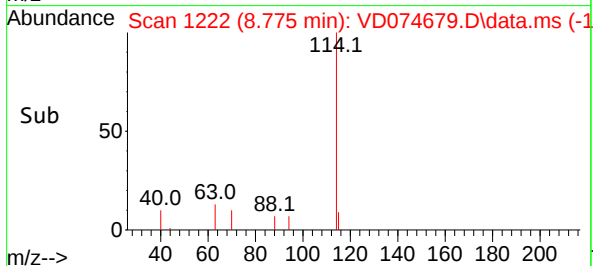
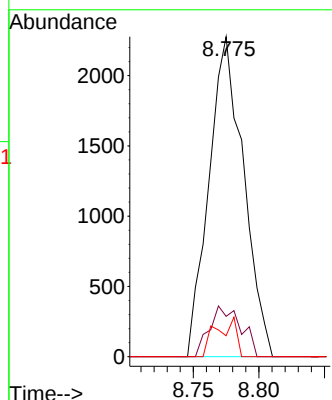
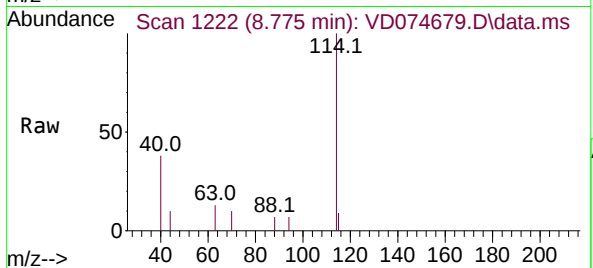
Instrument :

MSVOA_D

ClientSampleId :

TP4-1024RE

Tgt Ion:	114	Resp:	4174
Ion	Ratio	Lower	Upper
114	100		
63	12.6	0.0	33.2
88	6.6	0.0	28.2



#35

Dibromofluoromethane

Concen: 64.542 ug/l

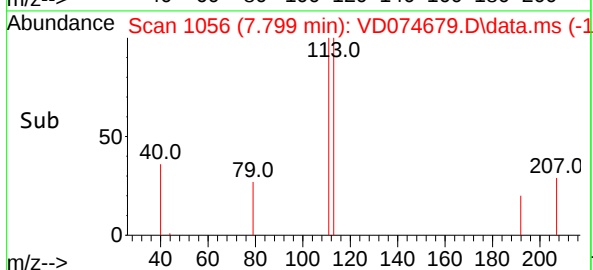
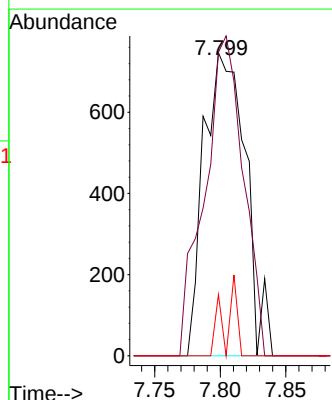
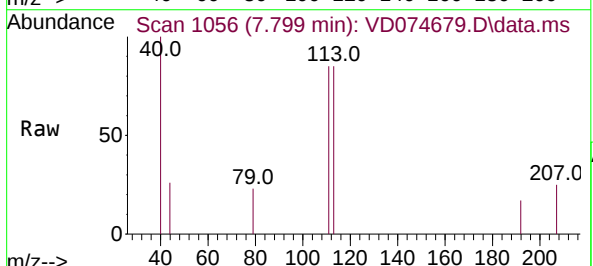
RT: 7.799 min Scan# 1056

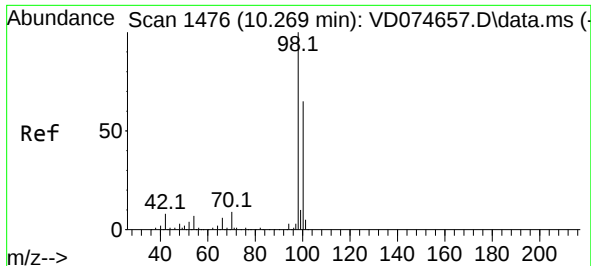
Delta R.T. -0.006 min

Lab File: VD074679.D

Acq: 28 Oct 2022 18:42

Tgt Ion:	113	Resp:	1645
Ion	Ratio	Lower	Upper
113	100		
111	98.8	82.3	123.5
192	3.2	16.4	24.6

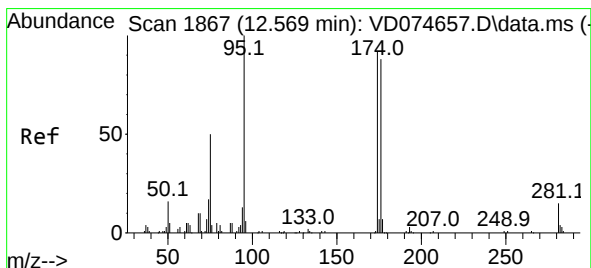
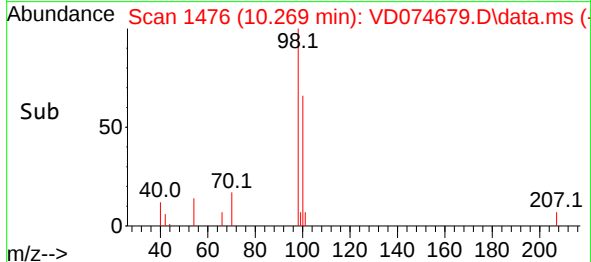
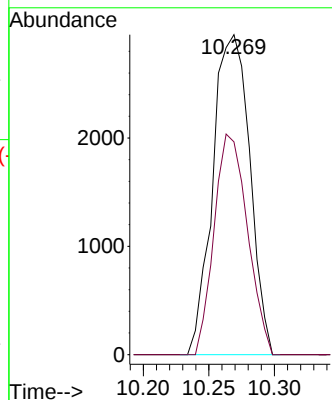
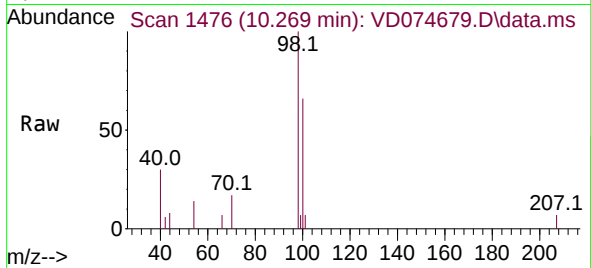




#50
Toluene-d8
Concen: 59.041 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074679.D
Acq: 28 Oct 2022 18:42

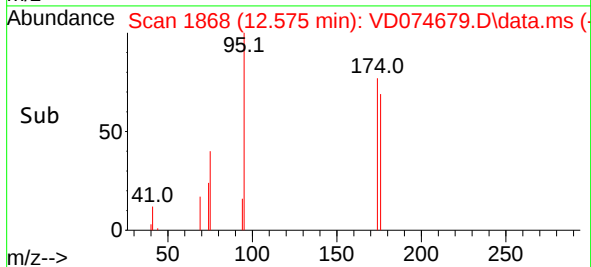
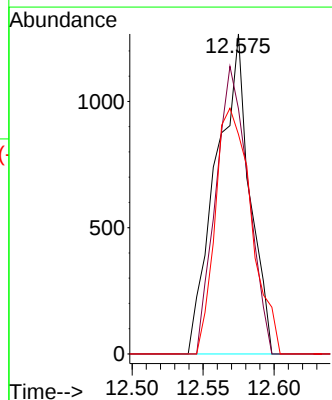
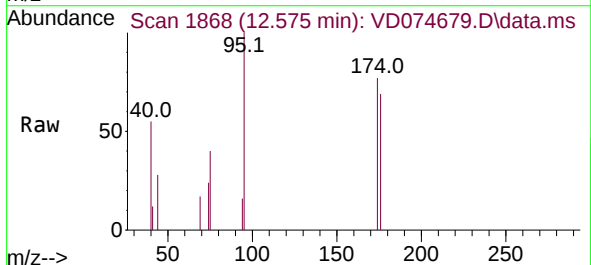
Instrument :
MSVOA_D
ClientSampleId :
TP4-1024RE

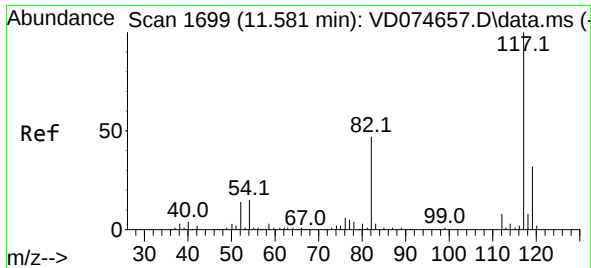
Tgt Ion: 98 Resp: 5787
Ion Ratio Lower Upper
98 100
100 62.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 77.120 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074679.D
Acq: 28 Oct 2022 18:42

Tgt Ion: 95 Resp: 2076
Ion Ratio Lower Upper
95 100
174 87.5 0.0 197.0
176 83.3 0.0 182.6

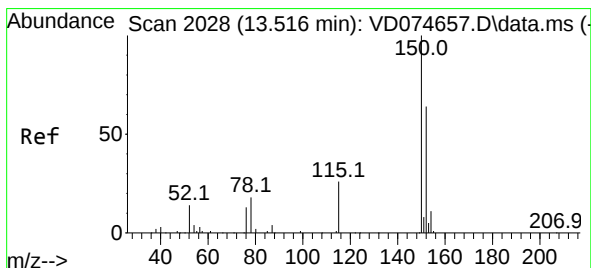
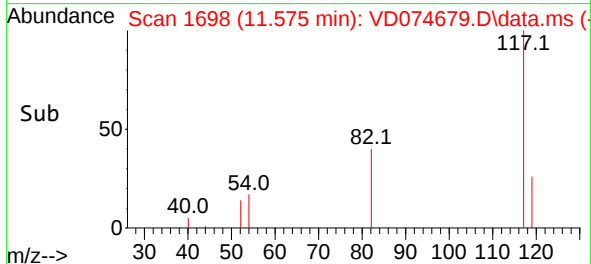
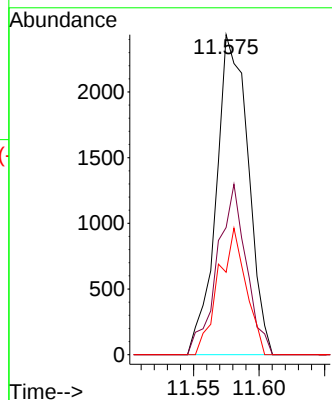
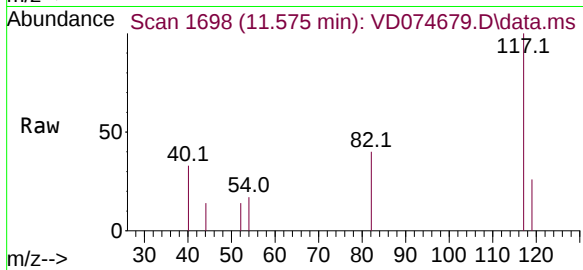




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD074679.D
Acq: 28 Oct 2022 18:42

Instrument :
MSVOA_D
ClientSampleId :
TP4-1024RE

Tgt Ion:117 Resp: 4129
Ion Ratio Lower Upper
117 100
82 39.8 41.6 62.4#
119 25.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD074679.D
Acq: 28 Oct 2022 18:42

Tgt Ion:152 Resp: 1816
Ion Ratio Lower Upper
152 100
115 57.8 26.8 80.4
150 149.0 0.0 348.2

