

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074273.D
 Acq On : 13 Sep 2022 18:42
 Operator : VA/SY
 Sample : N4562-03RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26524RE

Quant Time: Sep 14 01:57:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	610	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	1505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	1203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	370	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	484	77.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.660%	
35) Dibromofluoromethane	7.810	113	351	33.781	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 67.560%	
50) Toluene-d8	10.263	98	2053	55.649	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.300%	
62) 4-Bromofluorobenzene	12.563	95	775	61.781	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.560%	

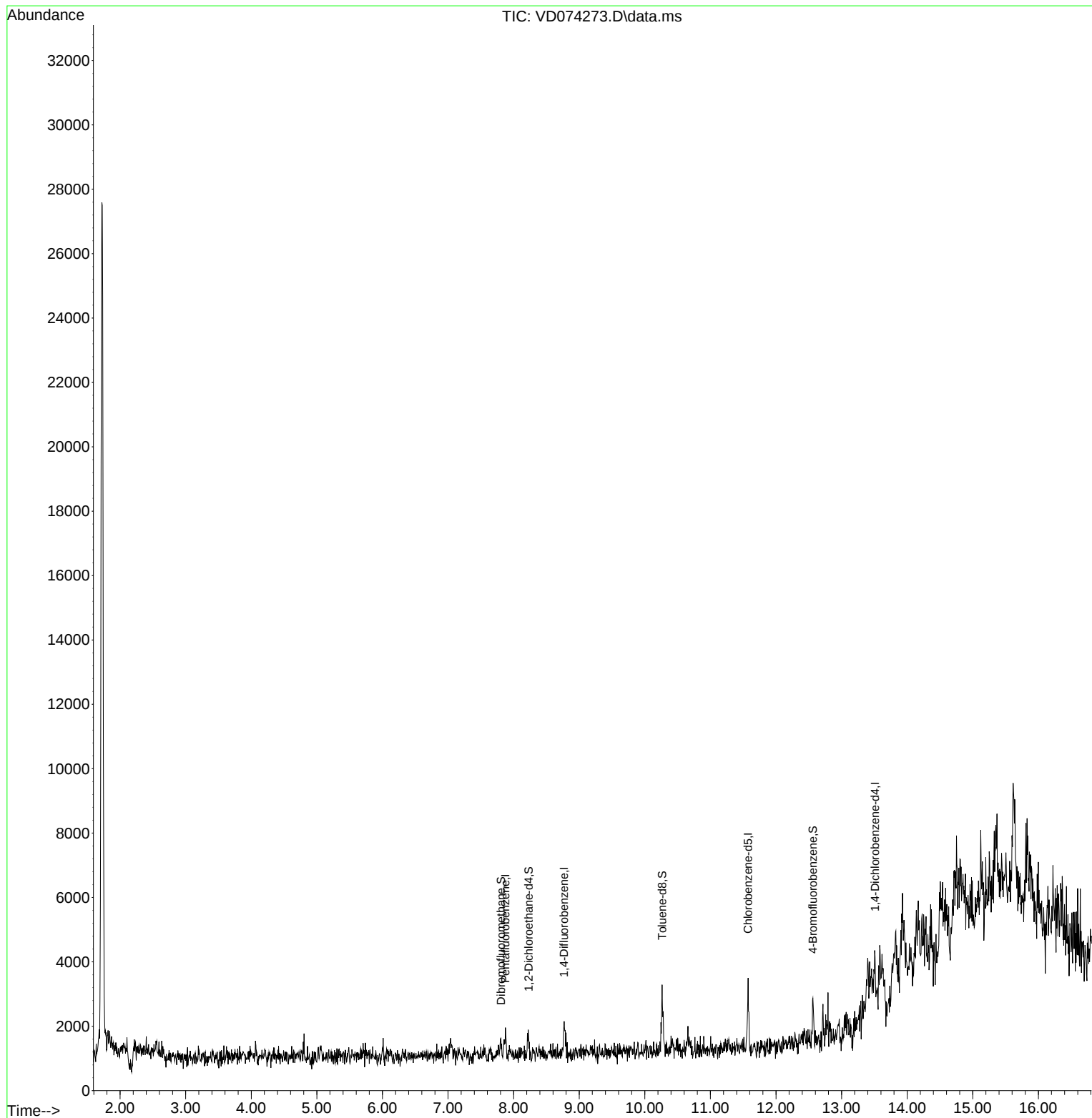
Target Compounds Qvalue

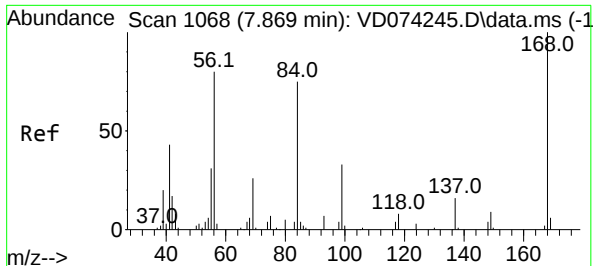
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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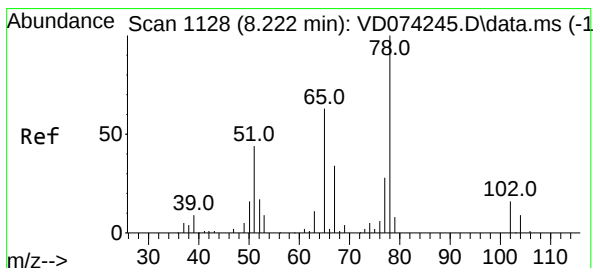
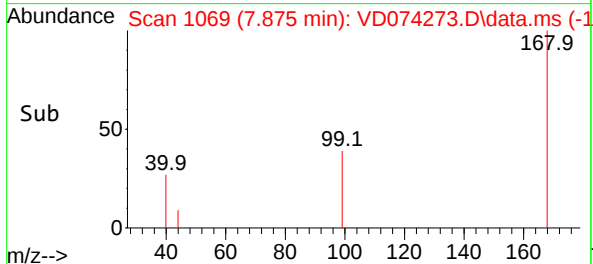
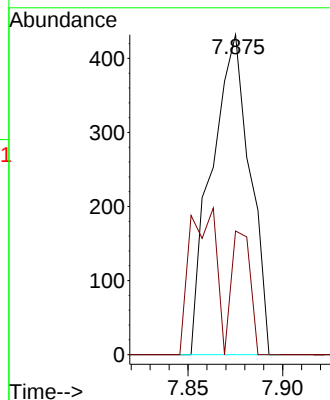
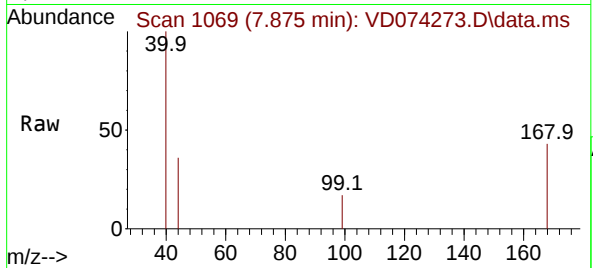




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

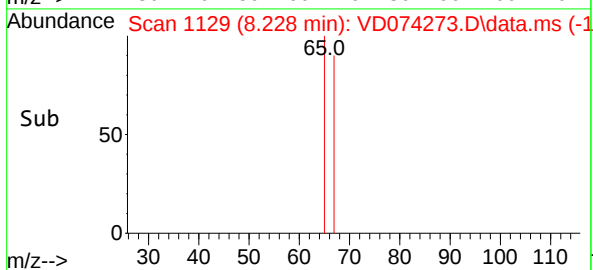
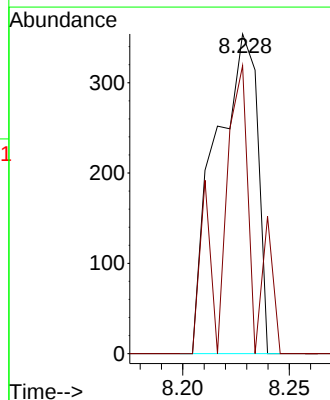
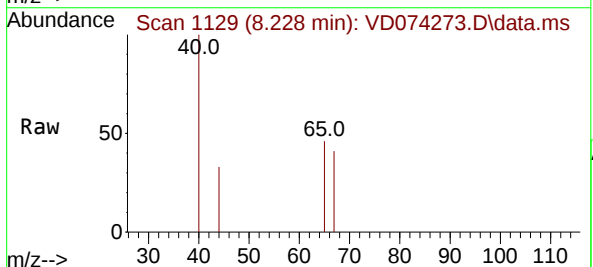
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524RE

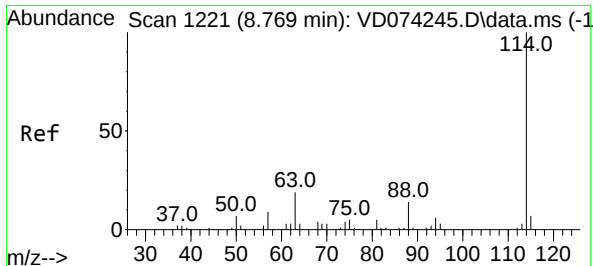
Tgt Ion:168 Resp: 610
Ion Ratio Lower Upper
168 100
99 38.7 43.0 64.6#



#33
1,2-Dichloroethane-d4
Concen: 77.826 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

Tgt Ion: 65 Resp: 484
Ion Ratio Lower Upper
65 100
67 66.5 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074273.D

Acq: 13 Sep 2022 18:42

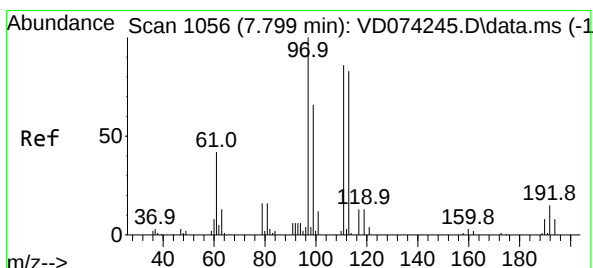
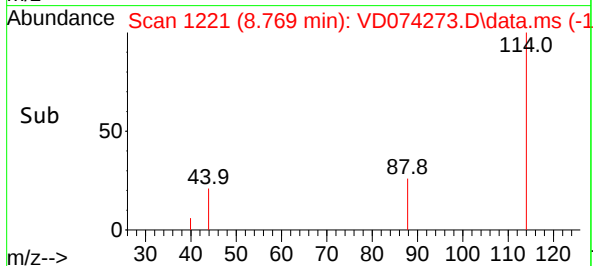
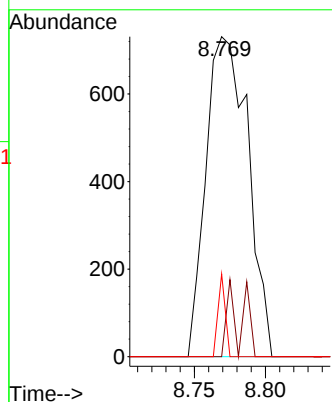
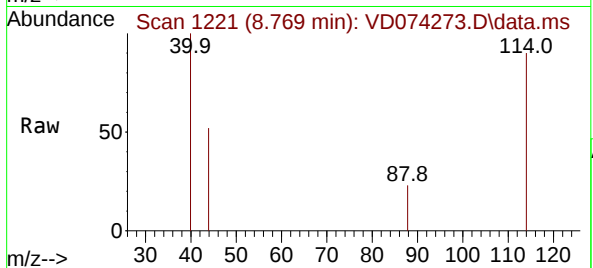
Instrument :

MSVOA_D

ClientSampleId :

CHRT-26524RE

Tgt Ion:114	Resp:	1505
Ion Ratio	Lower	Upper
114	100	
63	0.0	37.6
88	25.9	28.4



#35

Dibromofluoromethane

Concen: 33.781 ug/l

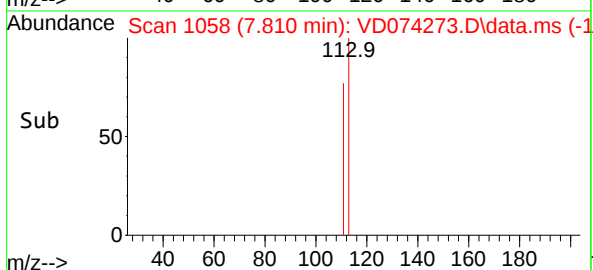
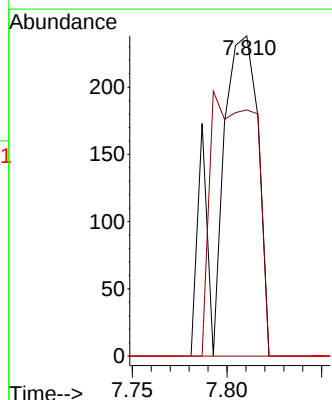
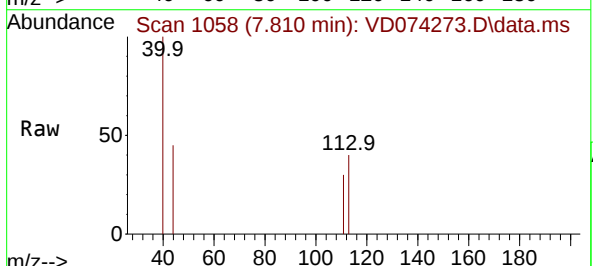
RT: 7.810 min Scan# 1058

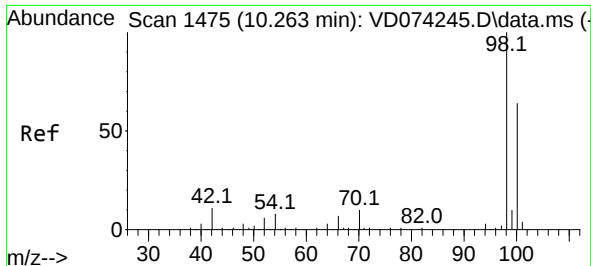
Delta R.T. 0.011 min

Lab File: VD074273.D

Acq: 13 Sep 2022 18:42

Tgt Ion:113	Resp:	351
Ion Ratio	Lower	Upper
113	100	
111	92.3	124.6
192	0.0	24.2

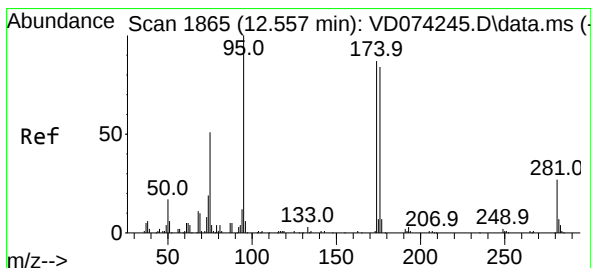
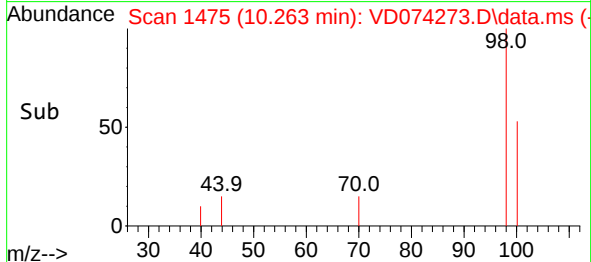
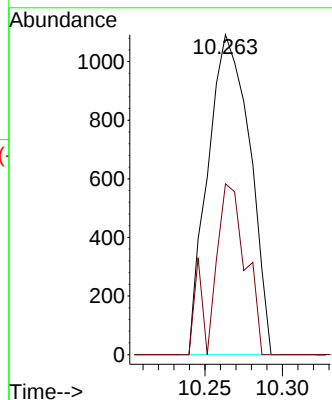
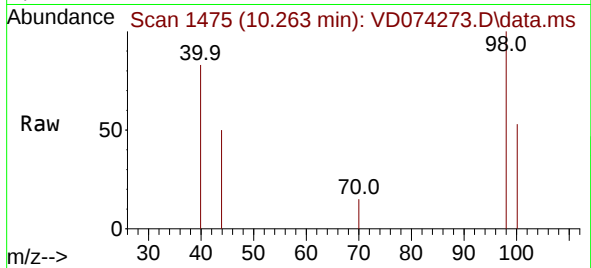




#50
Toluene-d8
Concen: 55.649 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

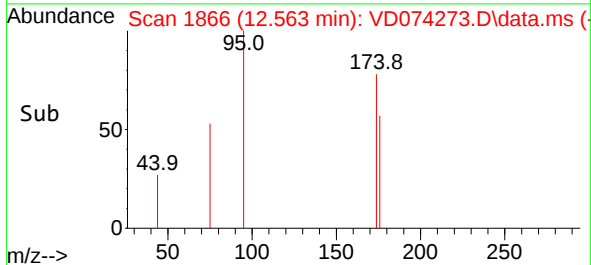
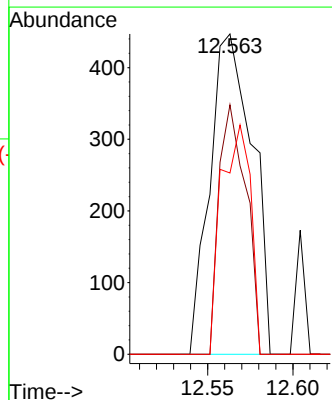
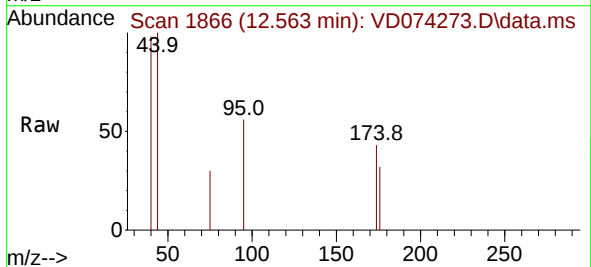
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524RE

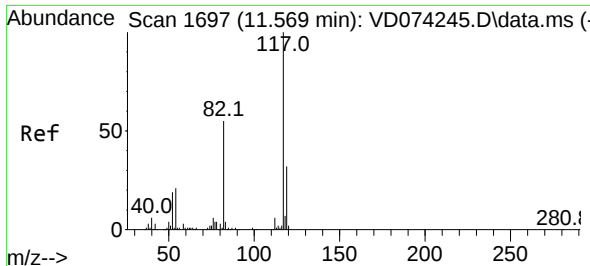
Tgt Ion: 98 Resp: 2053
Ion Ratio Lower Upper
98 100
100 41.2 51.8 77.8#



#62
4-Bromofluorobenzene
Concen: 61.781 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

Tgt Ion: 95 Resp: 775
Ion Ratio Lower Upper
95 100
174 49.7 0.0 179.2
176 49.3 0.0 171.4

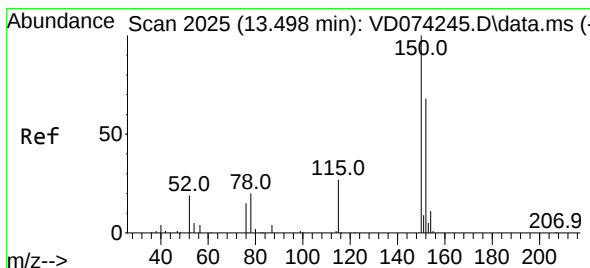
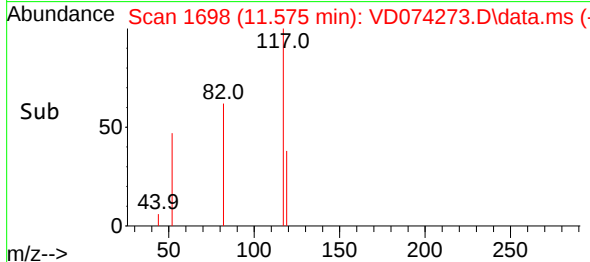
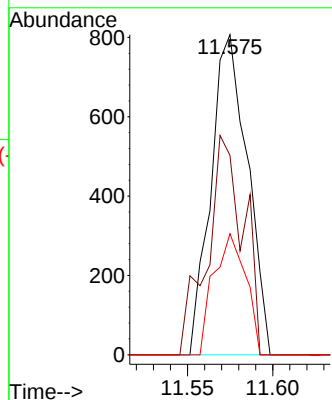
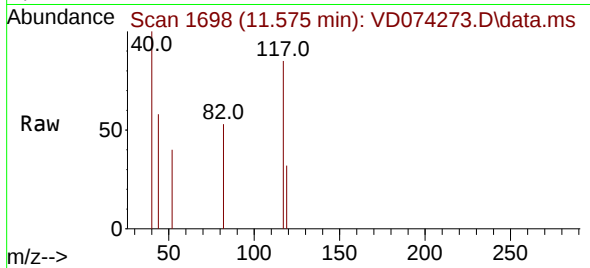




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524RE

Tgt Ion:	117	Resp:	1203
Ion	Ratio	Lower	Upper
117	100		
82	62.3	44.2	66.2
119	37.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

Tgt Ion:	152	Resp:	370
Ion	Ratio	Lower	Upper
152	100		
115	81.1	28.4	85.2
150	208.1	0.0	351.0

