

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074732.D
 Acq On : 04 Nov 2022 12:31
 Operator : VA/SY
 Sample : N5425-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 371

Quant Time: Nov 07 00:25:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	7969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	14840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8985	142.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 284.720%#	
35) Dibromofluoromethane	7.816	113	7688	78.453	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 156.900%#	
50) Toluene-d8	10.269	98	16740	46.831	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.660%	
62) 4-Bromofluorobenzene	12.569	95	6103	59.133	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.260%	

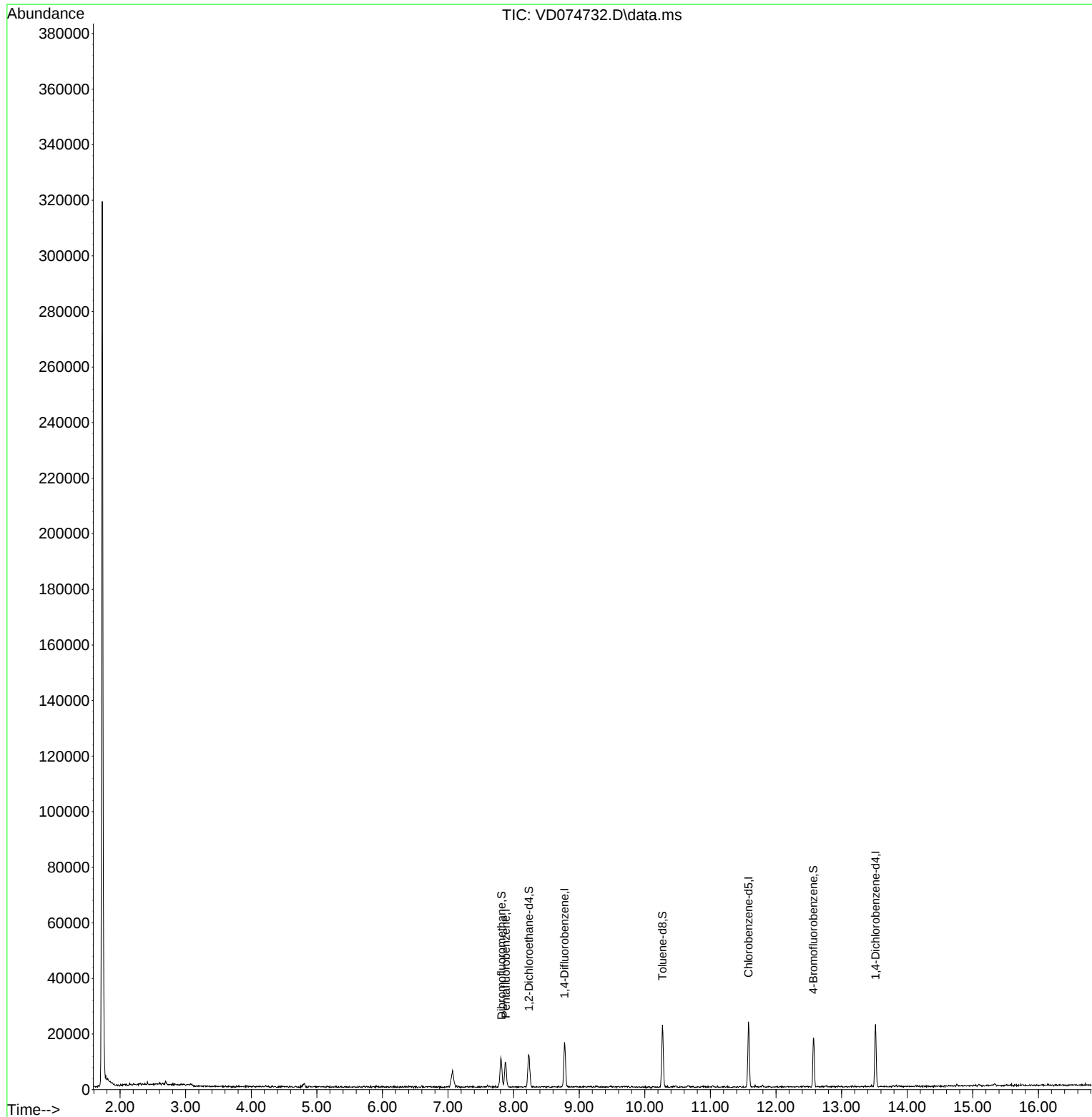
Target Compounds	Qvalue

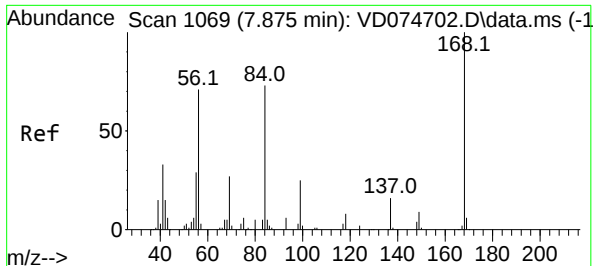
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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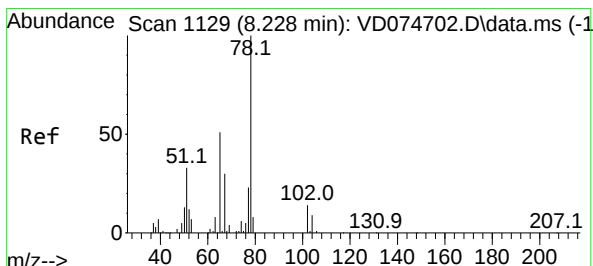
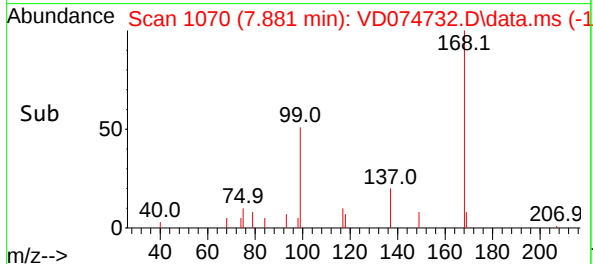
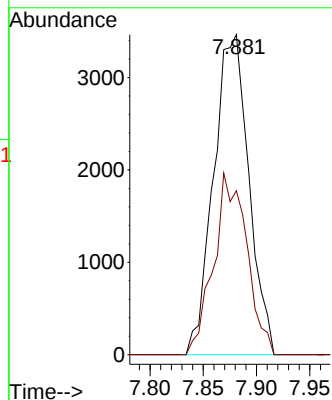
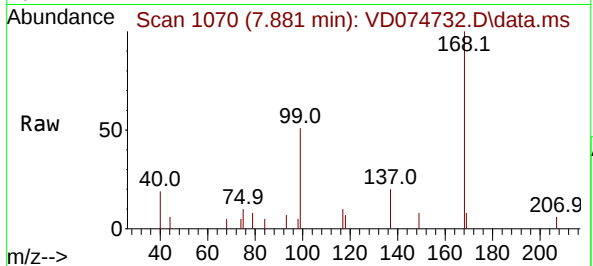




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074732.D
Acq: 04 Nov 2022 12:31

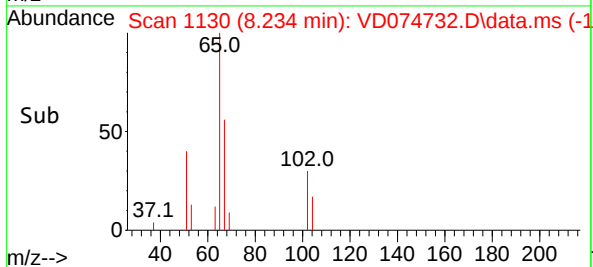
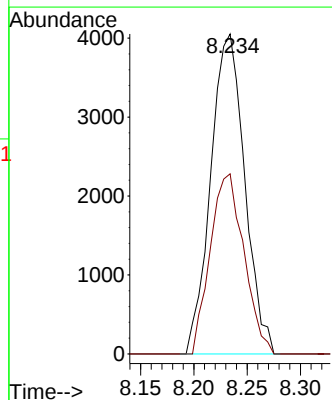
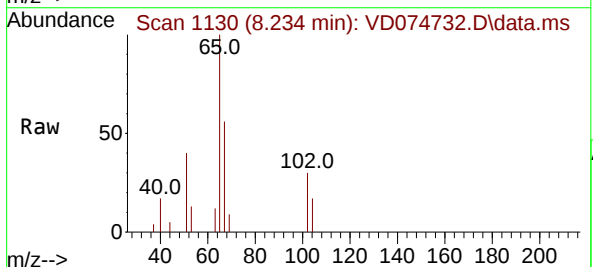
Instrument :
MSVOA_D
ClientSampleId :
371

Tgt Ion:168 Resp: 7969
Ion Ratio Lower Upper
168 100
99 51.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 142.357 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074732.D
Acq: 04 Nov 2022 12:31

Tgt Ion: 65 Resp: 8985
Ion Ratio Lower Upper
65 100
67 55.8 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: VD074732.D

Acq: 04 Nov 2022 12:31

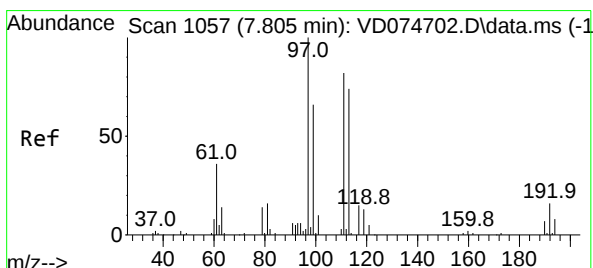
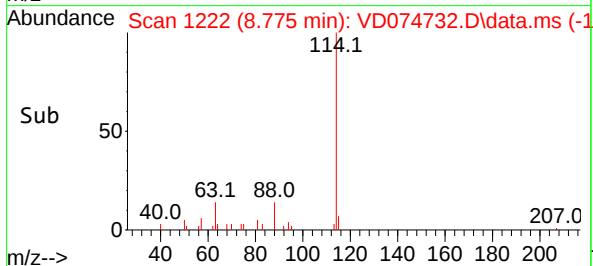
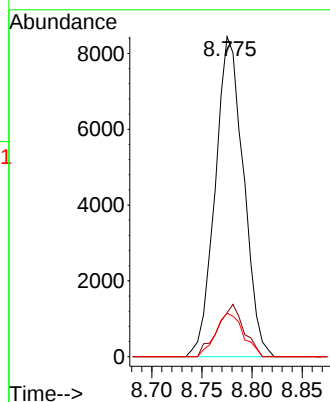
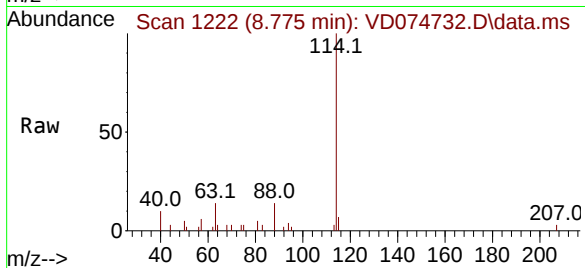
Instrument :

MSVOA_D

ClientSampleId :

371

Tgt Ion:114	Resp:	16566
Ion Ratio	Lower	Upper
114	100	
63	13.7	0.0 33.2
88	13.6	0.0 28.2



#35

Dibromofluoromethane

Concen: 78.453 ug/l

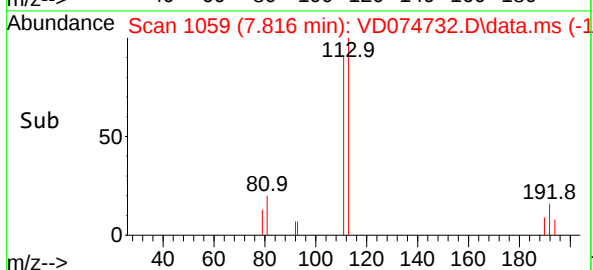
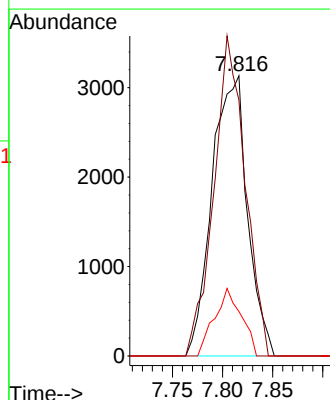
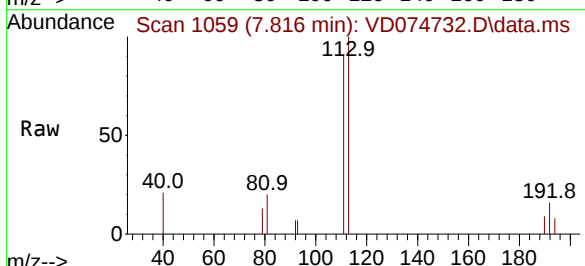
RT: 7.816 min Scan# 1059

Delta R.T. 0.011 min

Lab File: VD074732.D

Acq: 04 Nov 2022 12:31

Tgt Ion:113	Resp:	7688
Ion Ratio	Lower	Upper
113	100	
111	101.0	82.3 123.5
192	18.4	16.4 24.6

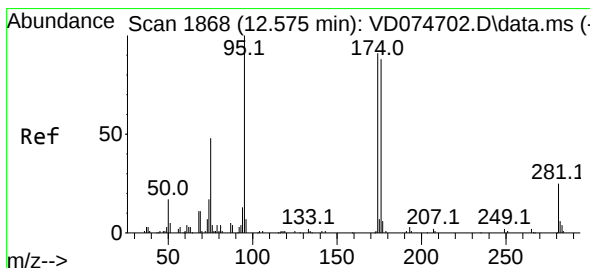
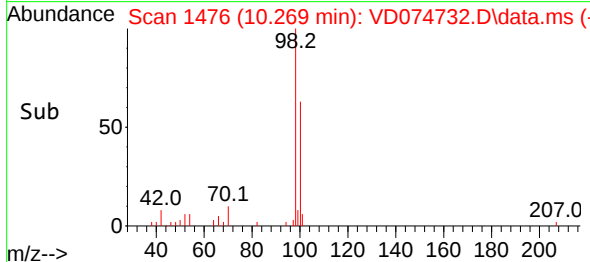
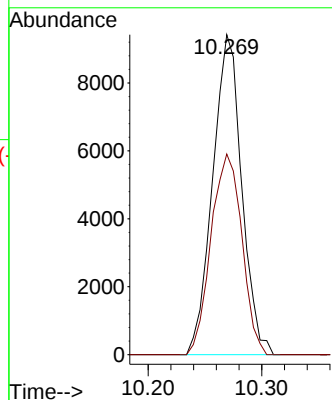
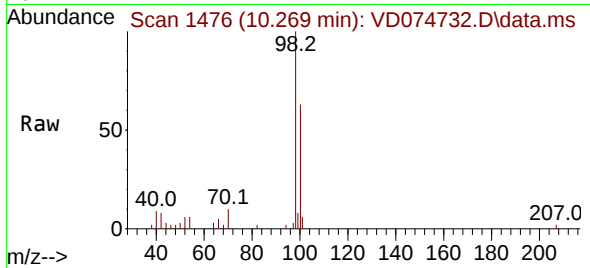




#50
Toluene-d8
Concen: 46.831 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074732.D
Acq: 04 Nov 2022 12:31

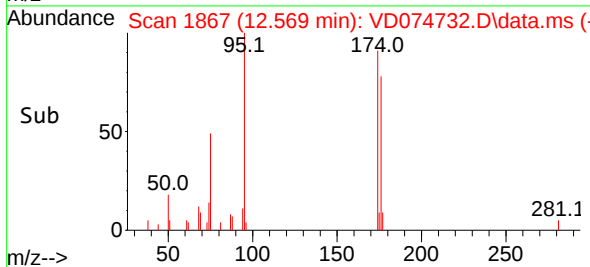
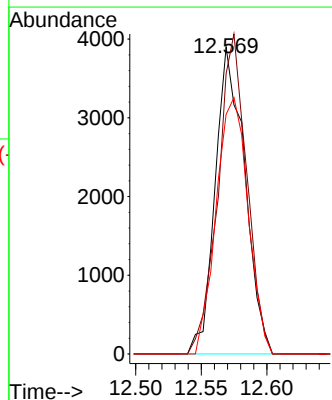
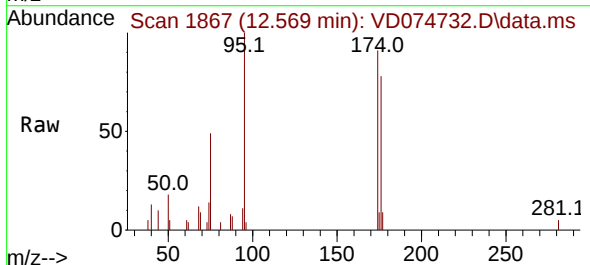
Instrument :
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ClientSampleId :
371

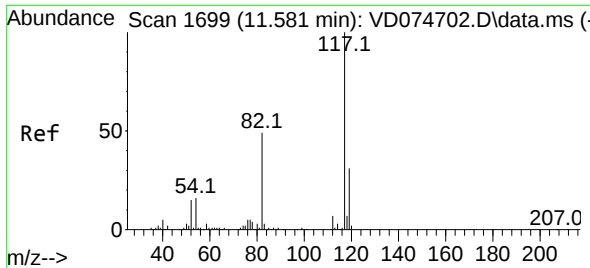
Tgt Ion: 98 Resp: 16740
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 59.133 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074732.D
Acq: 04 Nov 2022 12:31

Tgt Ion: 95 Resp: 6103
Ion Ratio Lower Upper
95 100
174 101.7 0.0 197.0
176 89.8 0.0 182.6

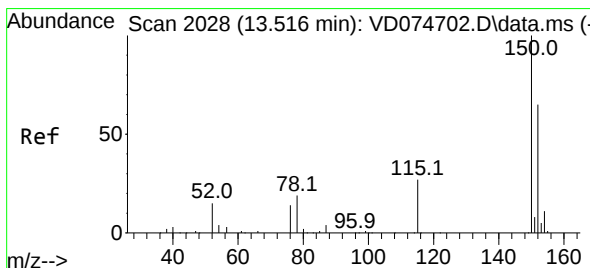
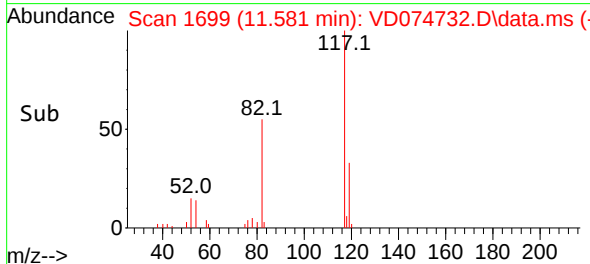
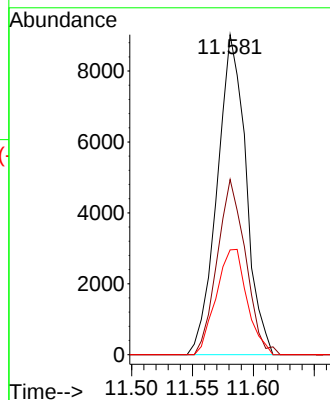
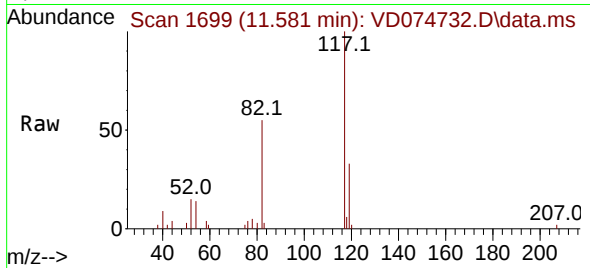




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074732.D
Acq: 04 Nov 2022 12:31

Instrument :
MSVOA_D
ClientSampleId :
371

Tgt Ion:	117	Resp:	14840
Ion	Ratio	Lower	Upper
117	100		
82	54.7	41.6	62.4
119	32.7	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: VD074732.D
Acq: 04 Nov 2022 12:31

Tgt Ion:	152	Resp:	7103
Ion	Ratio	Lower	Upper
152	100		
115	55.6	26.8	80.4
150	156.4	0.0	348.2

