

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070977.D
 Acq On : 10 Nov 2021 18:59
 Operator : VA/SY
 Sample : M4605-06
 Misc : 3.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B19-110821-20-21

Quant Time: Nov 11 06:31:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	25039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	48905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	53711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	28526	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	23251	87.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.440%#
35) Dibromofluoromethane	7.908	113	13604	49.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.332	98	65160	60.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.580%
62) 4-Bromofluorobenzene	12.620	95	27497	70.663	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	141.320%

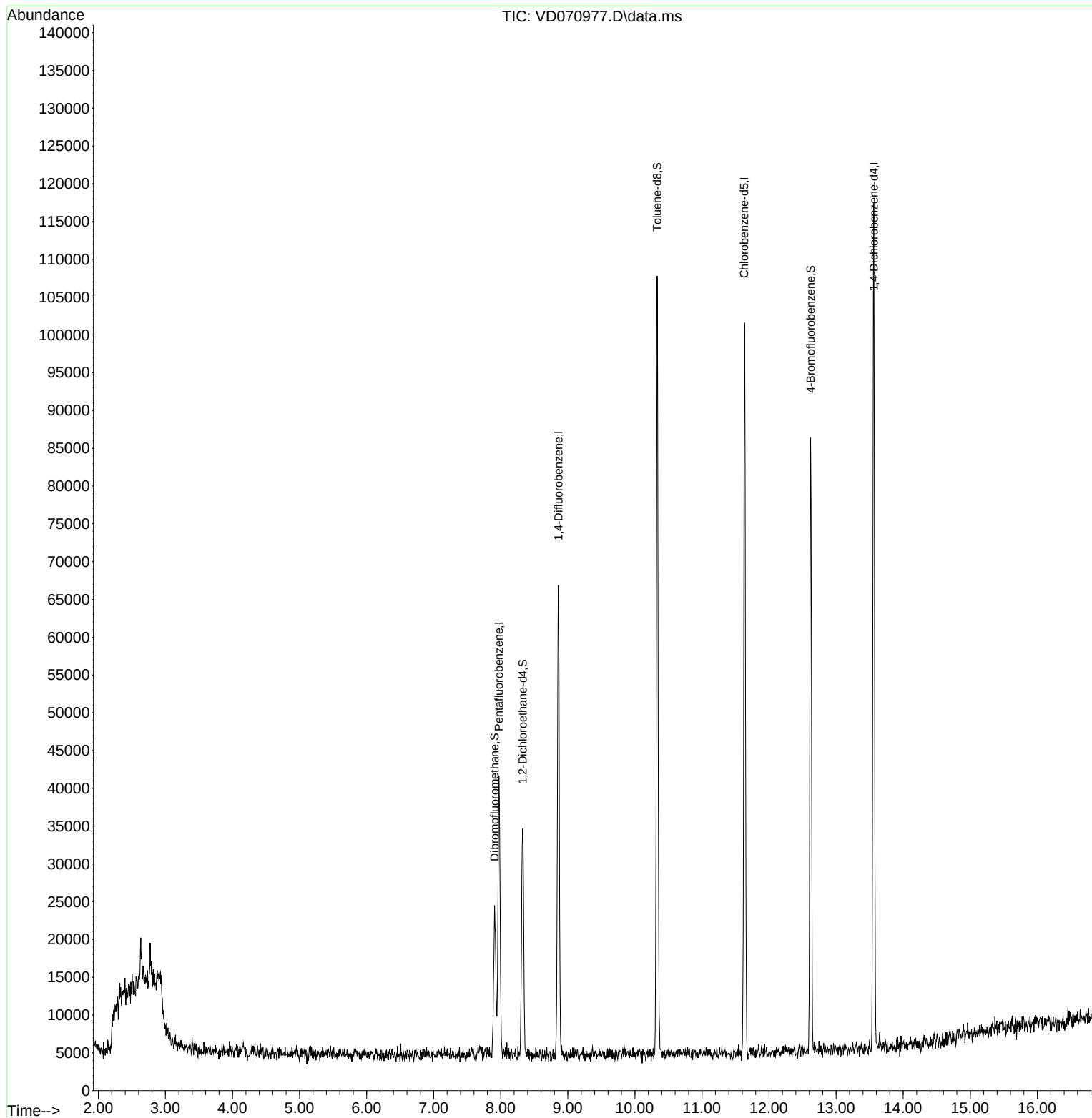
Target Compounds	Qvalue

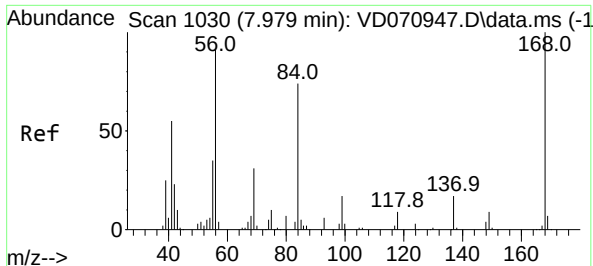
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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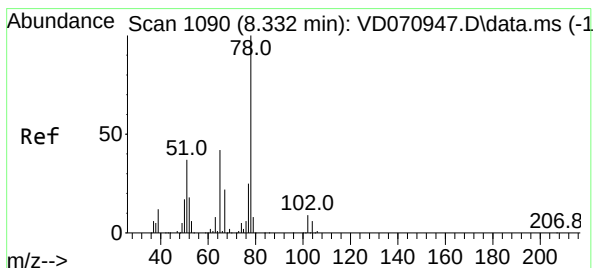
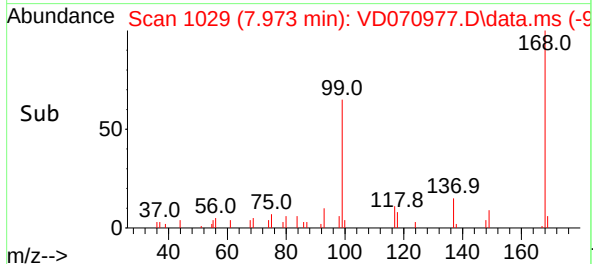
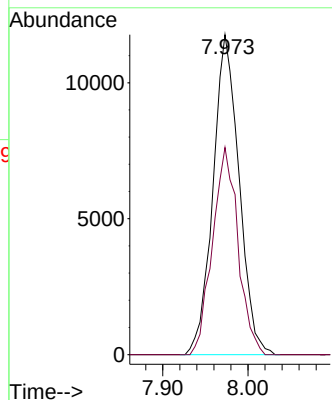
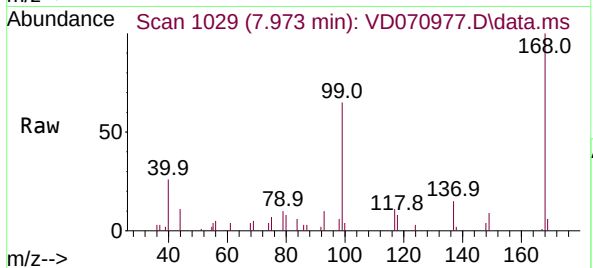




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070977.D
Acq: 10 Nov 2021 18:59

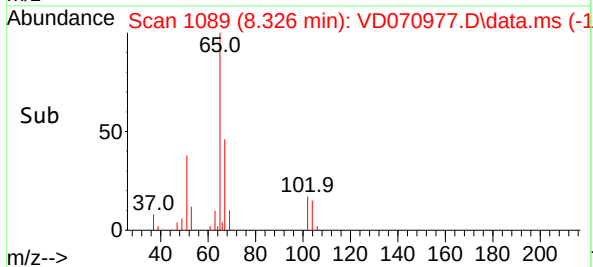
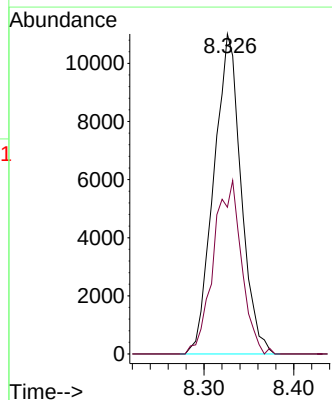
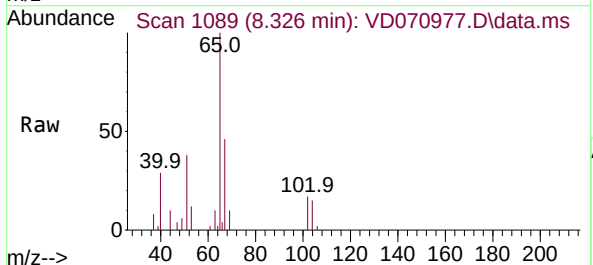
Instrument :
MSVOA_D
ClientSampleId :
VWE-B19-110821-20-21

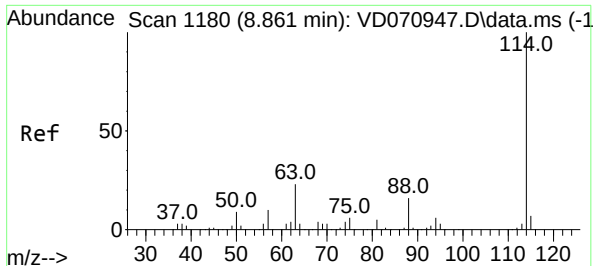
Tgt Ion:168 Resp: 25039
Ion Ratio Lower Upper
168 100
99 64.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 87.216 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070977.D
Acq: 10 Nov 2021 18:59

Tgt Ion: 65 Resp: 23251
Ion Ratio Lower Upper
65 100
67 55.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070977.D

Acq: 10 Nov 2021 18:59

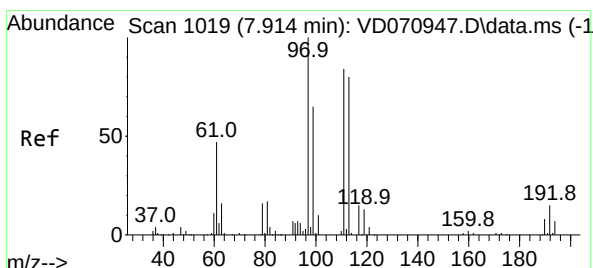
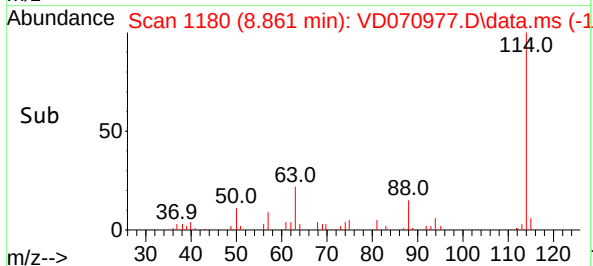
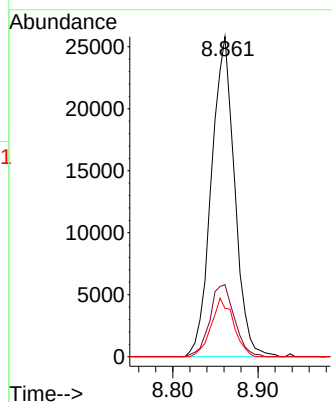
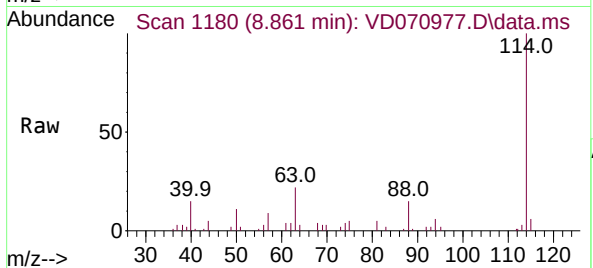
Instrument :

MSVOA_D

ClientSampleId :

VWE-B19-110821-20-21

Tgt Ion:114	Resp:	48905
Ion Ratio	Lower	Upper
114	100	
63	22.5	0.0 41.8
88	15.1	0.0 32.8



#35

Dibromofluoromethane

Concen: 49.297 ug/l

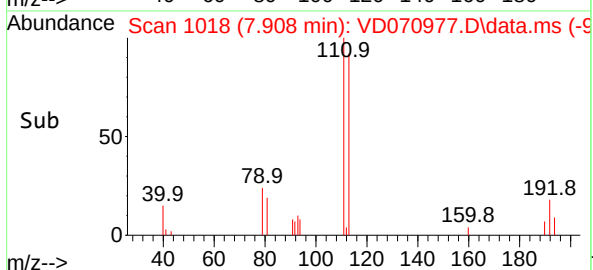
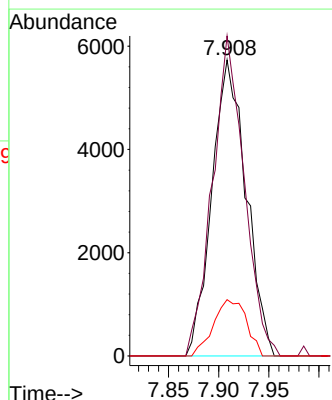
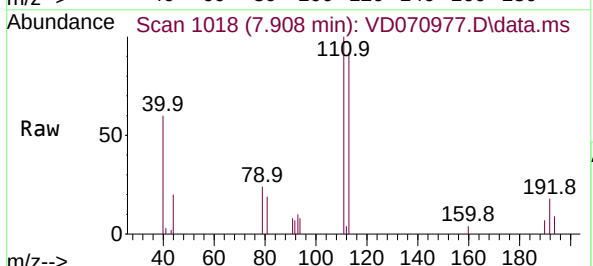
RT: 7.908 min Scan# 1018

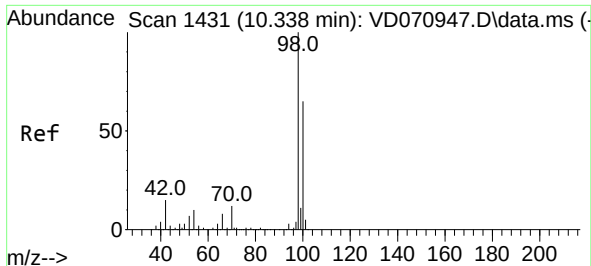
Delta R.T. -0.006 min

Lab File: VD070977.D

Acq: 10 Nov 2021 18:59

Tgt Ion:113	Resp:	13604
Ion Ratio	Lower	Upper
113	100	
111	100.5	82.0 123.0
192	18.4	15.2 22.8

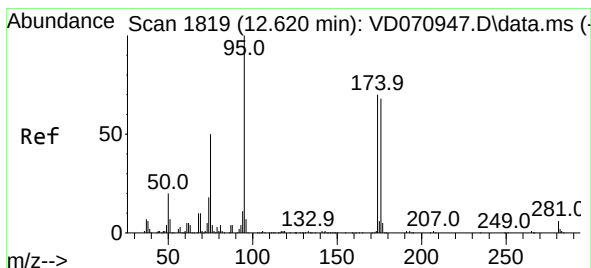
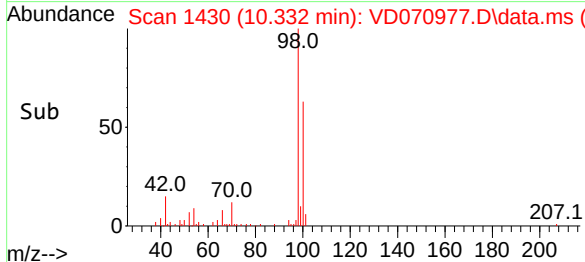
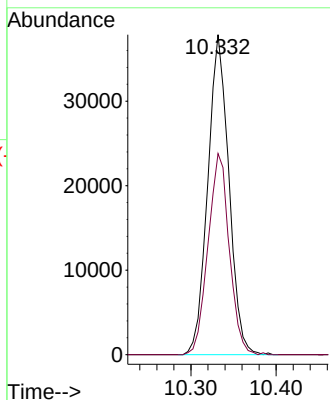
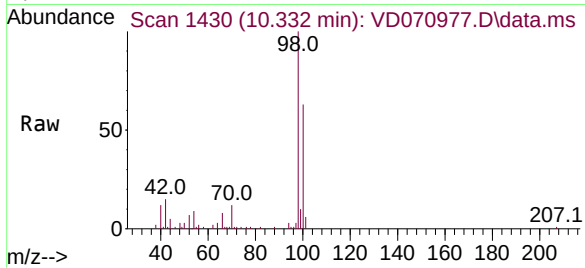




#50
Toluene-d8
Concen: 60.293 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070977.D
Acq: 10 Nov 2021 18:59

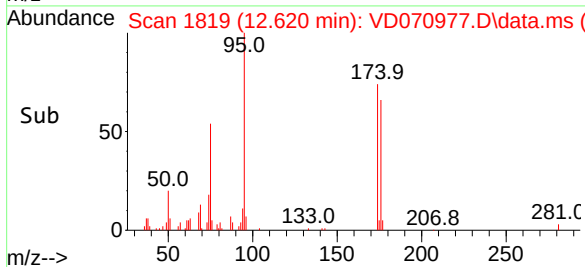
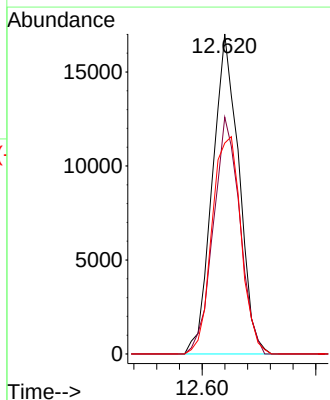
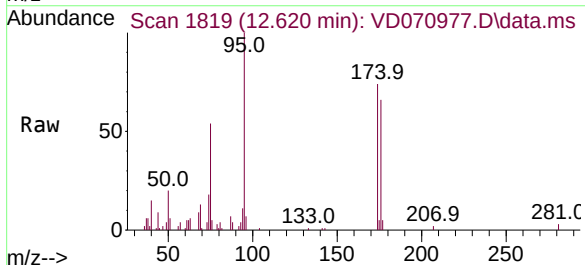
Instrument :
MSVOA_D
ClientSampleId :
VWE-B19-110821-20-21

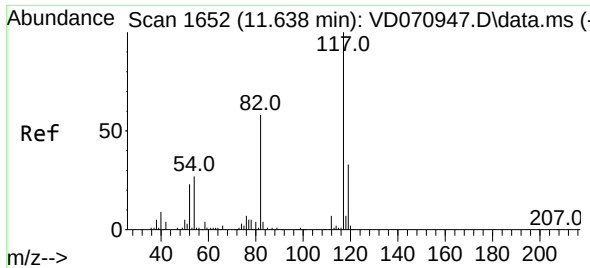
Tgt Ion: 98 Resp: 65160
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 70.663 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070977.D
Acq: 10 Nov 2021 18:59

Tgt Ion: 95 Resp: 27497
Ion Ratio Lower Upper
95 100
174 74.3 0.0 159.4
176 74.7 0.0 154.0

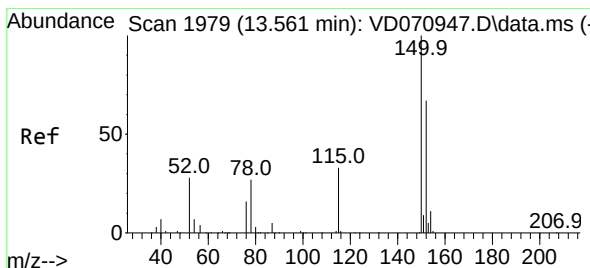
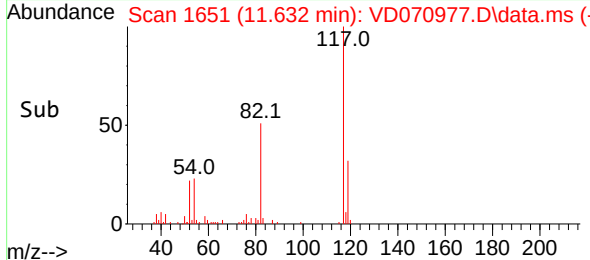
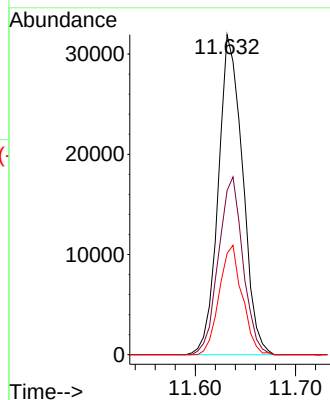
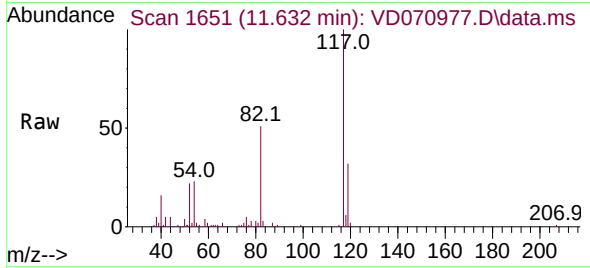




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070977.D
Acq: 10 Nov 2021 18:59

Instrument :
MSVOA_D
ClientSampleId :
VWE-B19-110821-20-21

Tgt Ion:117	Resp:	53711
Ion Ratio	Lower	Upper
117	100	
82	51.3	44.7 67.1
119	31.6	26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070977.D
Acq: 10 Nov 2021 18:59

Tgt Ion:152	Resp:	28526
Ion Ratio	Lower	Upper
152	100	
115	60.9	29.8 89.3
150	152.9	0.0 349.2

