

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070995.D
 Acq On : 11 Nov 2021 16:55
 Operator : VA/SY
 Sample : M4635-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B20-111021-9-10

Quant Time: Nov 12 08:02:48 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	377922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217702	54.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.20%	
35) Dibromofluoromethane	7.909	113	204149	54.50	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.00%	
50) Toluene-d8	10.332	98	849347	57.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.80%	
62) 4-Bromofluorobenzene	12.620	95	321124	60.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.58%	

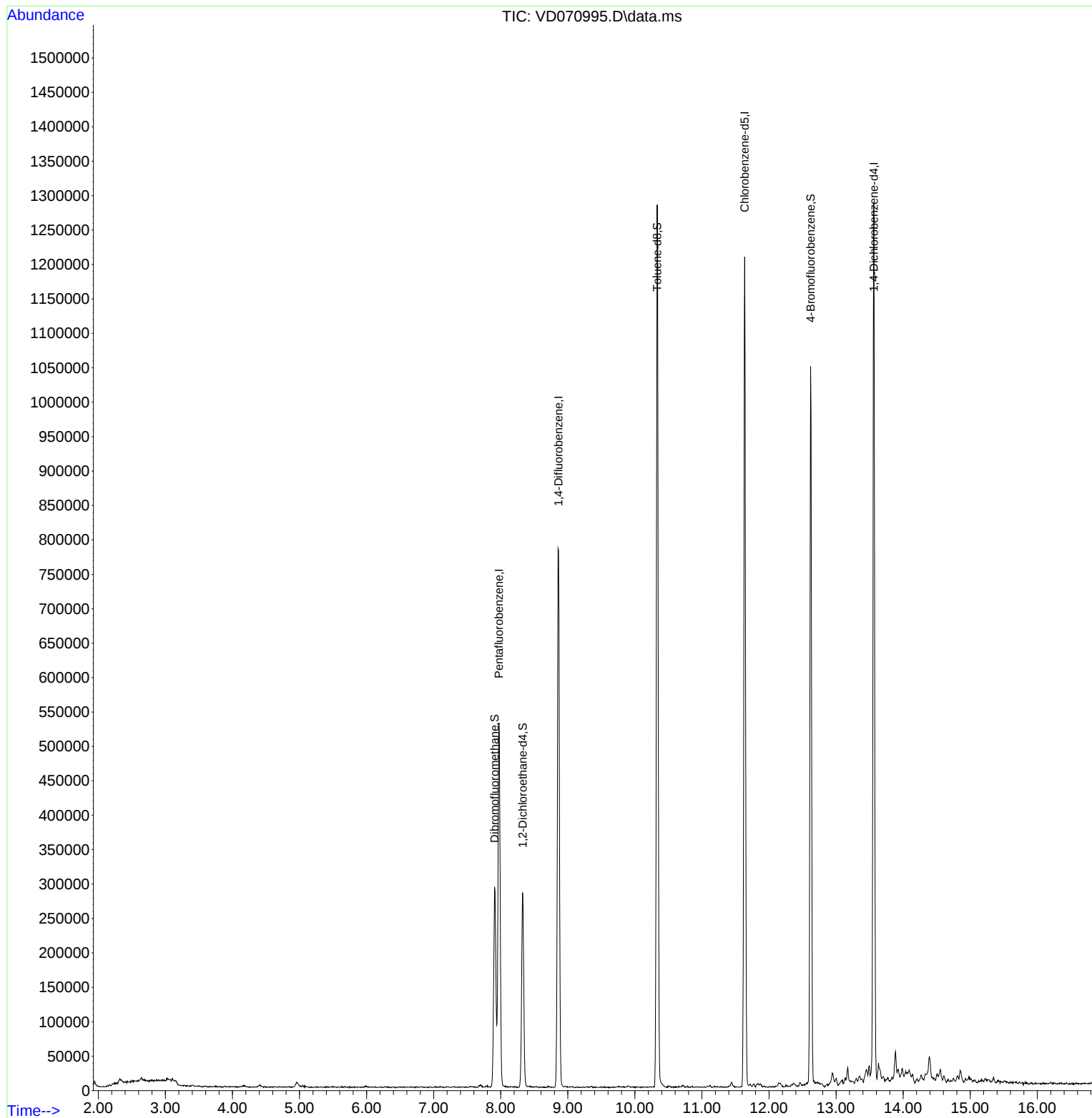
Target Compounds	Qvalue

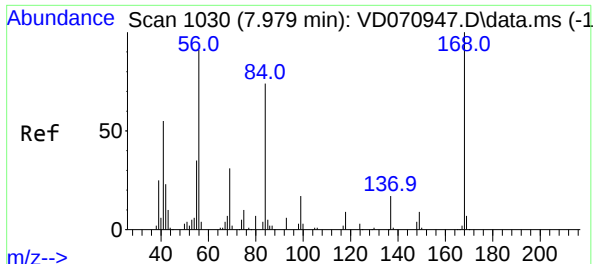
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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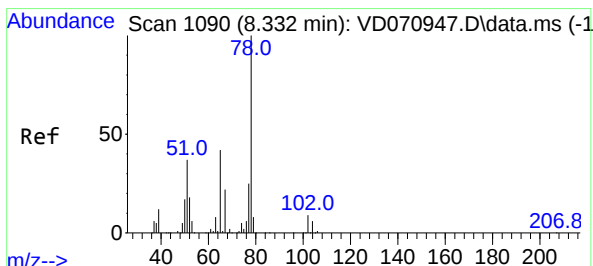
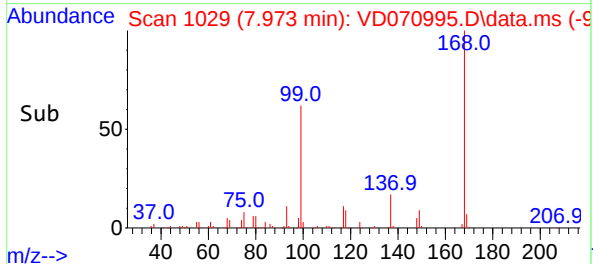
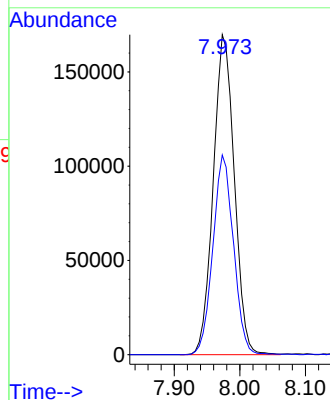
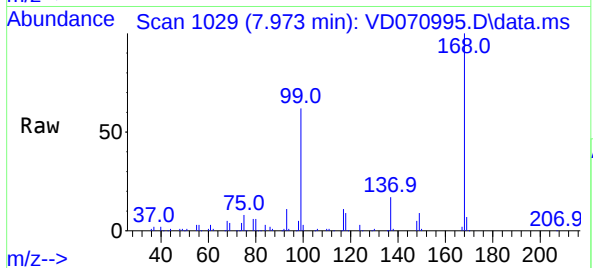




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

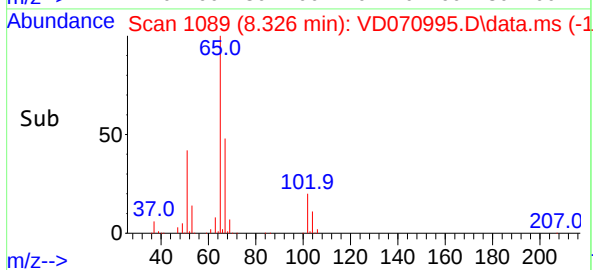
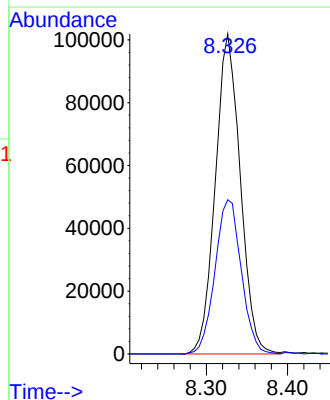
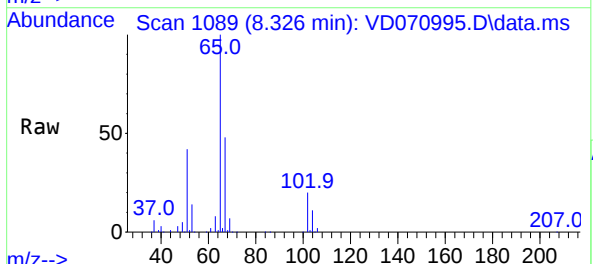
Instrument :
MSVOA_D
ClientSampleId :
VWE-B20-111021-9-10

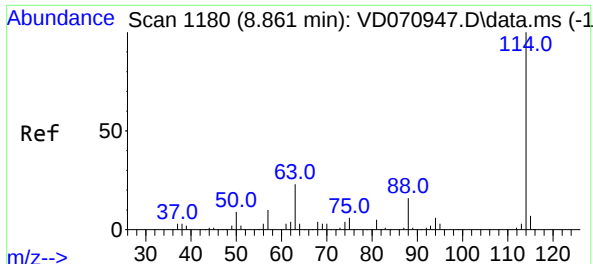
Tgt Ion:168 Resp: 377922
Ion Ratio Lower Upper
168 100
99 62.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 54.10 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Tgt Ion: 65 Resp: 217702
Ion Ratio Lower Upper
65 100
67 50.7 0.0 112.2



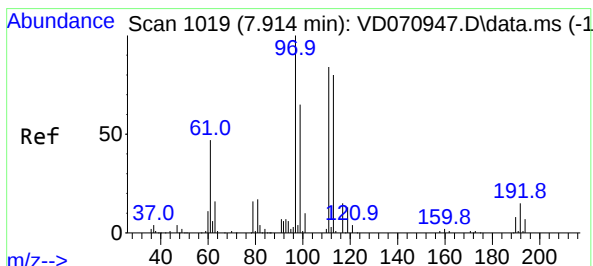
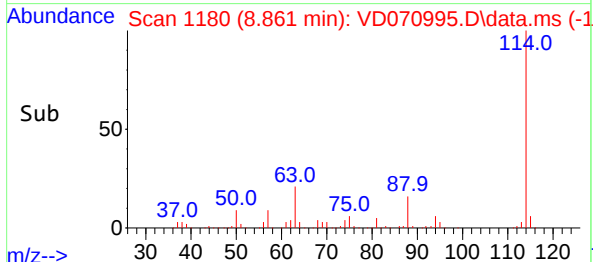
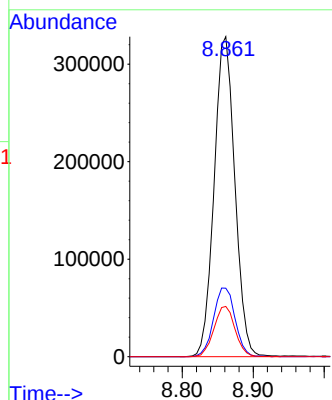
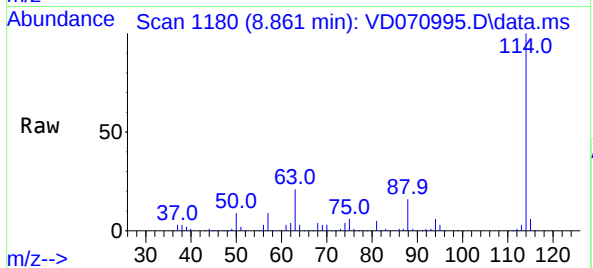


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Instrument :
MSVOA_D
ClientSampleId :
VWE-B20-111021-9-10

Tgt Ion:114 Resp: 663844

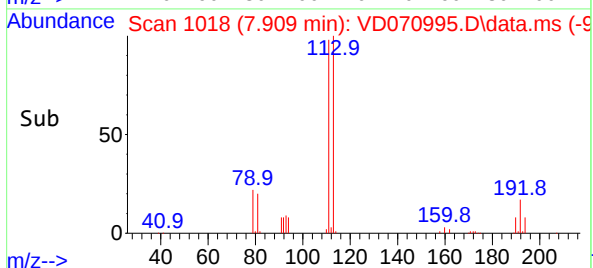
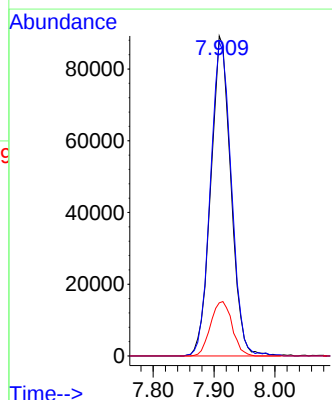
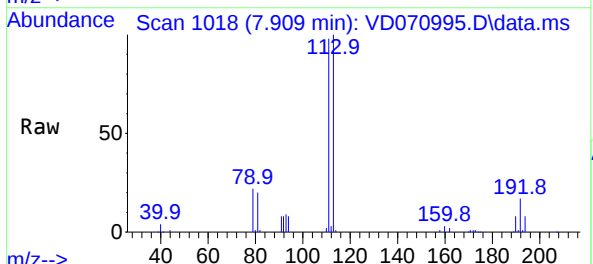
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.8
88	15.7	0.0	32.8

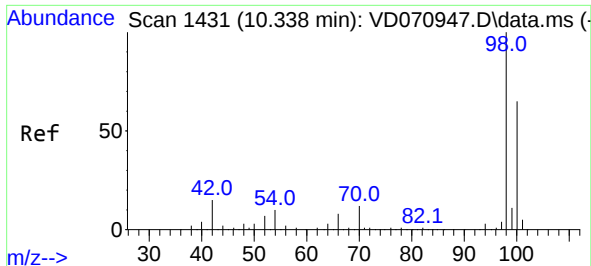


#35
Dibromofluoromethane
Concen: 54.50 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Tgt Ion:113 Resp: 204149

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	18.2	15.2	22.8

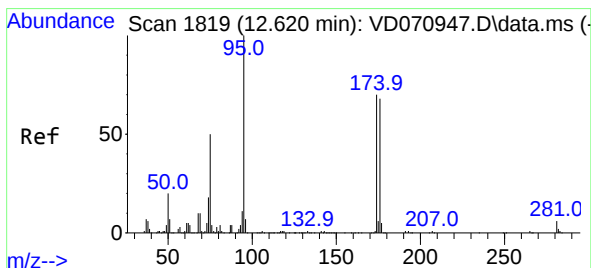
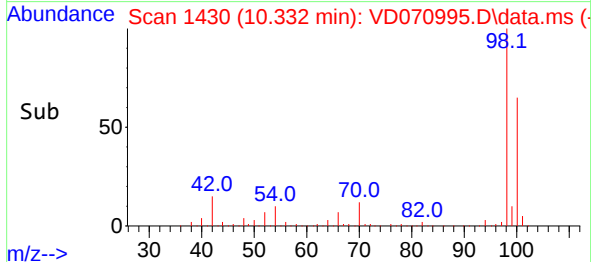
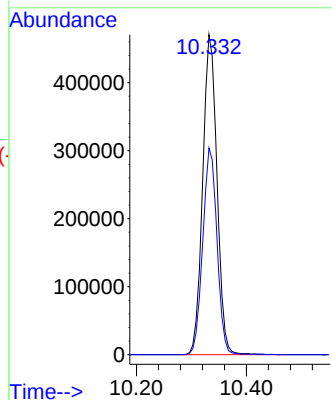
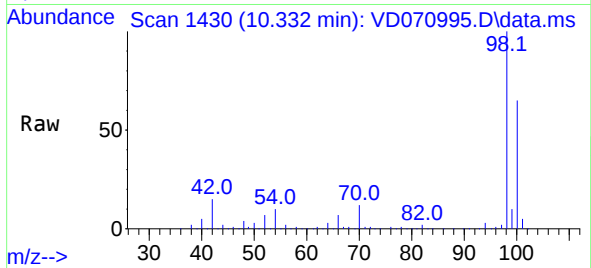




#50
Toluene-d8
Concen: 57.90 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

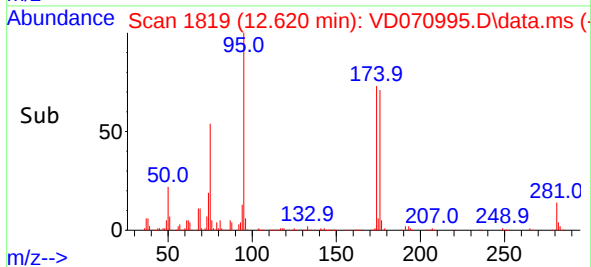
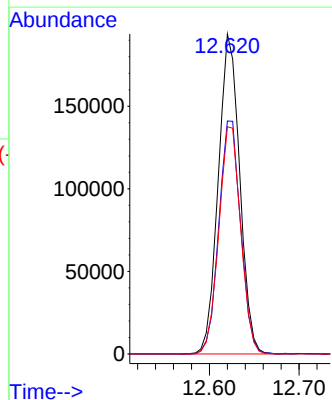
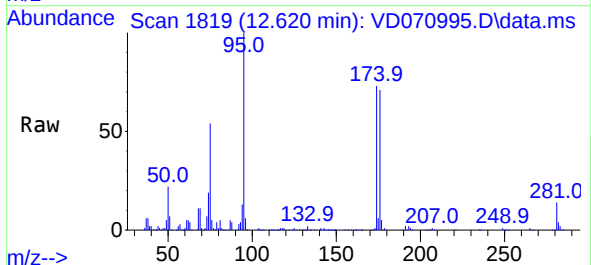
Instrument :
MSVOA_D
ClientSampleId :
VWE-B20-111021-9-10

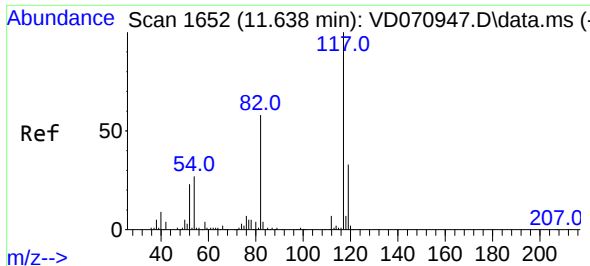
Tgt Ion: 98 Resp: 849347
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.79 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Tgt Ion: 95 Resp: 321124
Ion Ratio Lower Upper
95 100
174 74.2 0.0 159.4
176 72.3 0.0 154.0

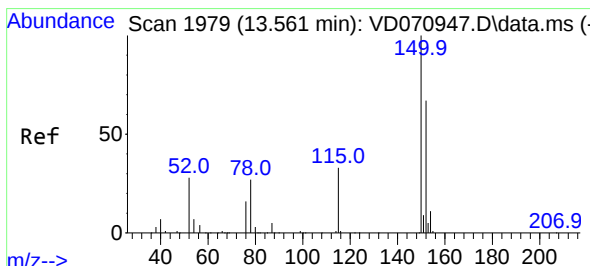
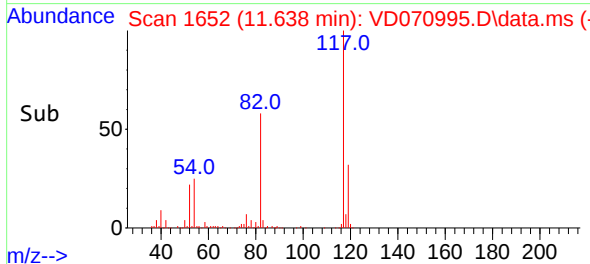
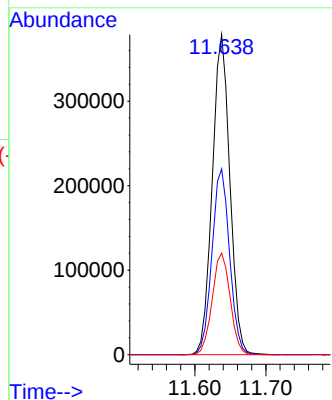
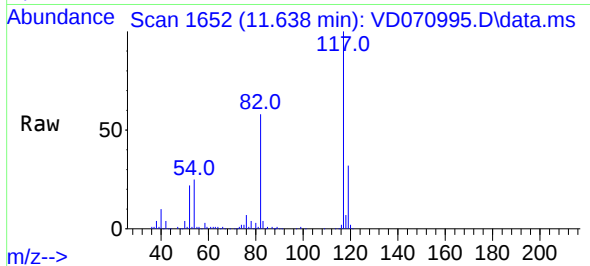




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Instrument :
MSVOA_D
ClientSampleId :
VWE-B20-111021-9-10

Tgt Ion:117 Resp: 652256
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Tgt Ion:152 Resp: 312823
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 156.2 0.0 349.2

