

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071320.D
 Acq On : 14 Dec 2021 14:59
 Operator : VA/SY
 Sample : M5064-01
 Misc : 4.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-121-1-(0-5)

Quant Time: Dec 15 08:30:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	340578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	598329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	682814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	352225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171177	42.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.660%
35) Dibromofluoromethane	7.914	113	181023	47.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.020%
50) Toluene-d8	10.332	98	788100	54.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.700%
62) 4-Bromofluorobenzene	12.620	95	347419	69.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.240%

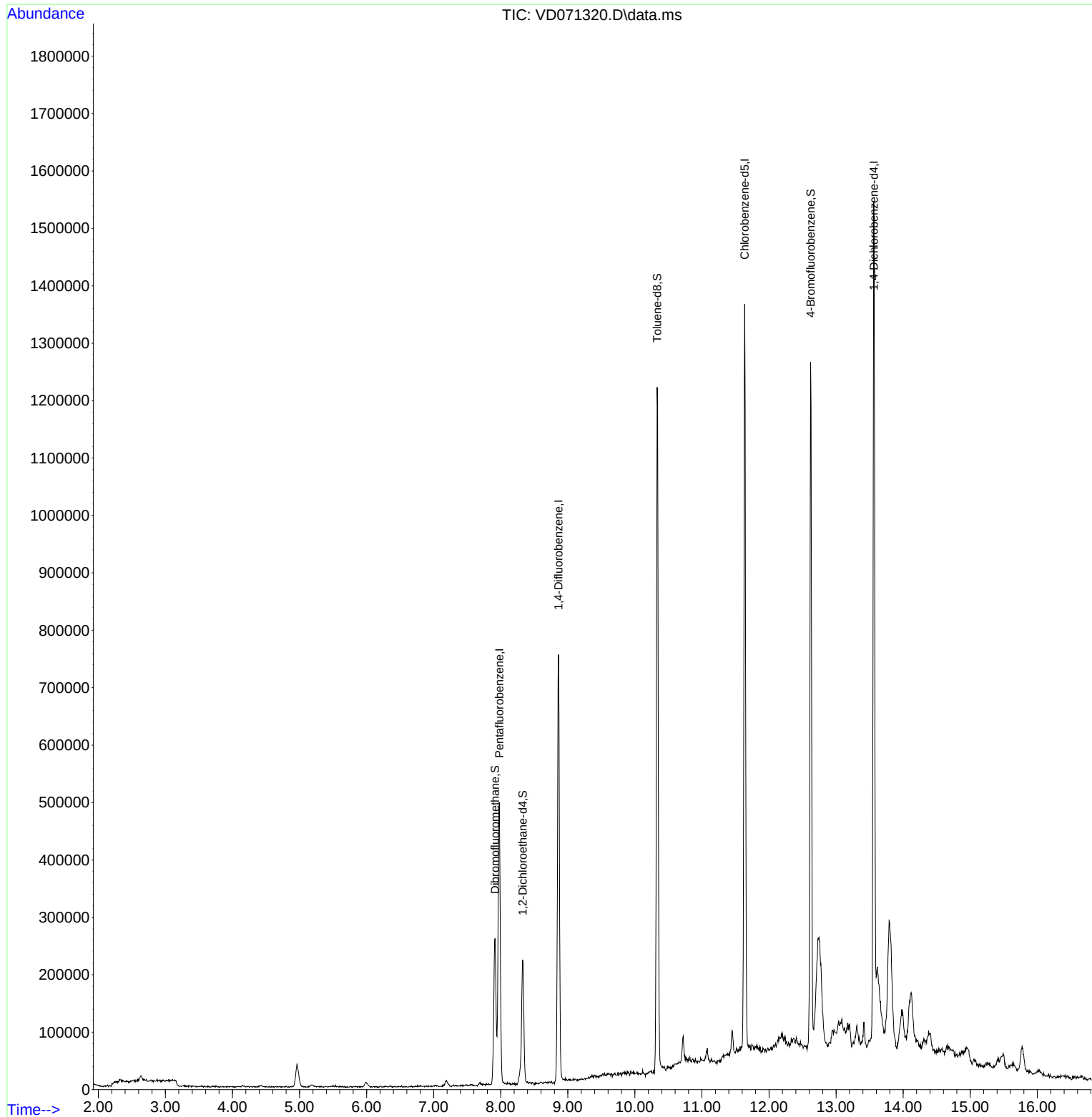
Target Compounds	Qvalue

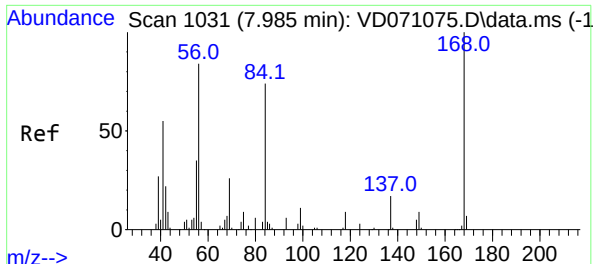
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071320.D

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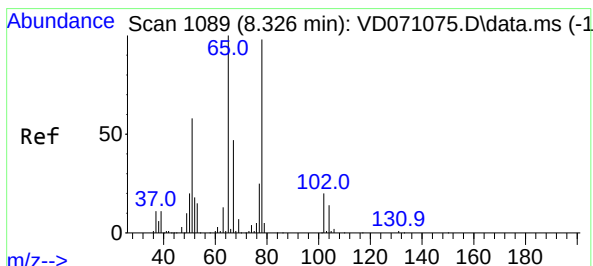
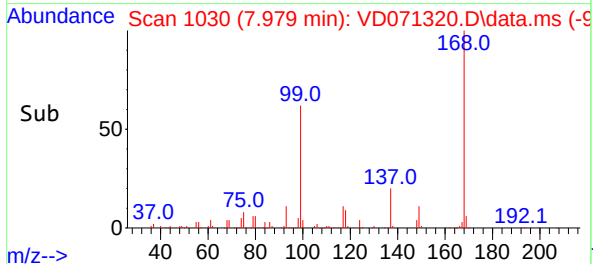
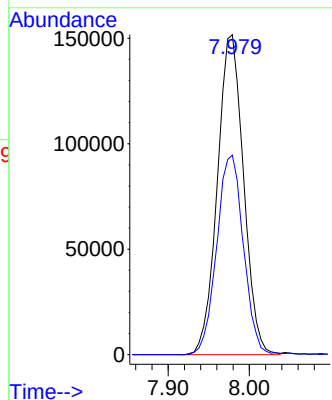
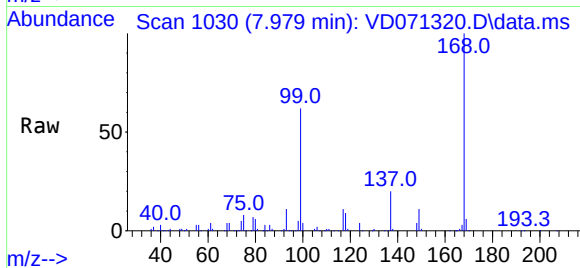
SASP2-121-1-(0-5)

Tgt Ion:168 Resp: 340578

Ion Ratio Lower Upper

168 100

99 62.4 46.6 69.8



1,2-Dichloroethane-d4

Concen: 42.834 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071320.D

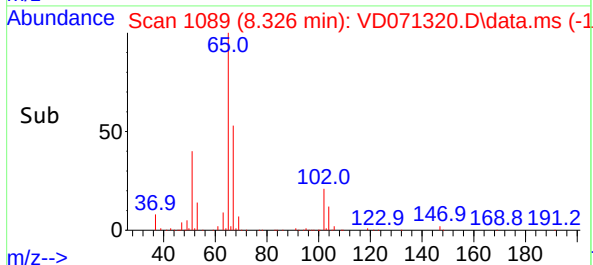
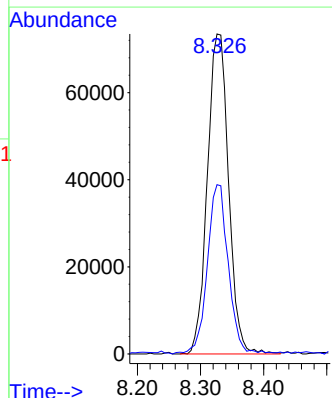
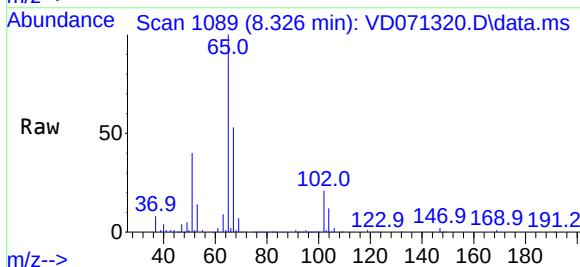
Acq: 14 Dec 2021 14:59

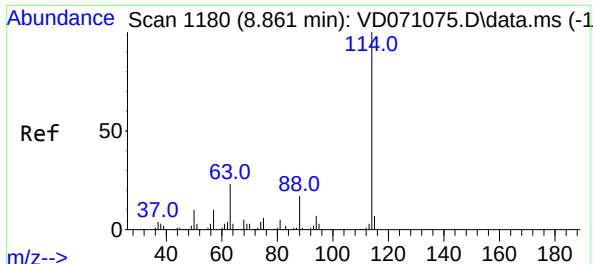
Tgt Ion: 65 Resp: 171177

Ion Ratio Lower Upper

65 100

67 52.5 0.0 112.2

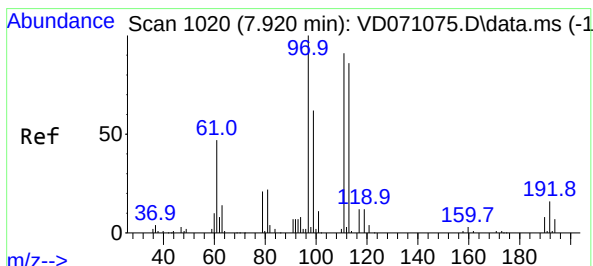
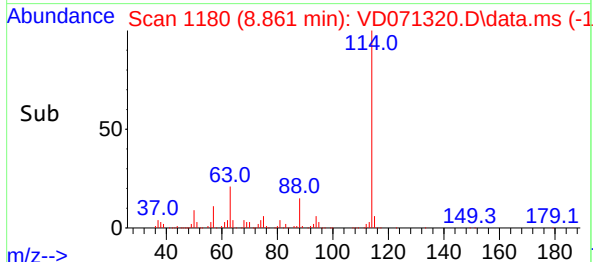
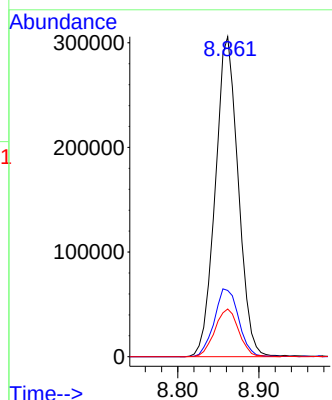
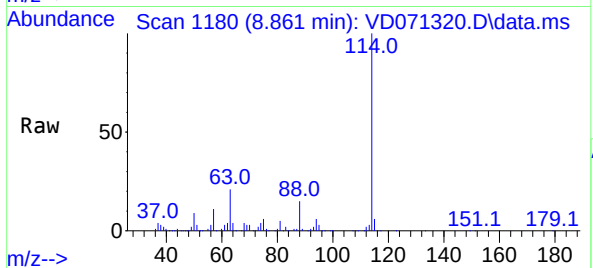




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071320.D
Acq: 14 Dec 2021 14:59

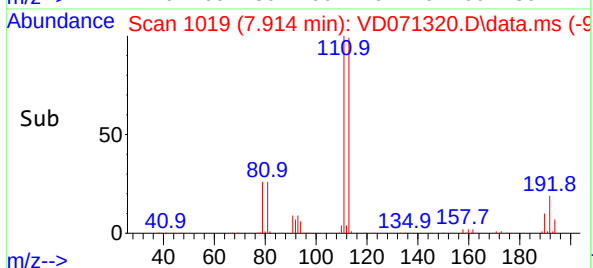
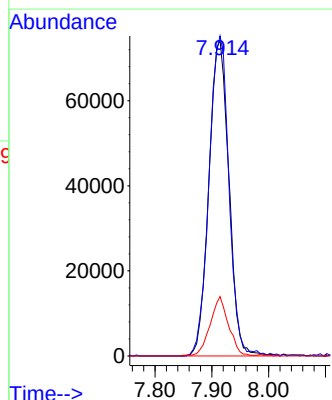
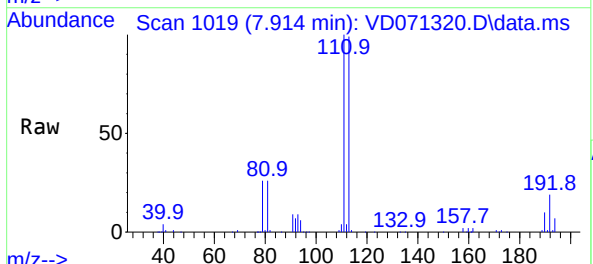
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SASP2-121-1-(0-5)

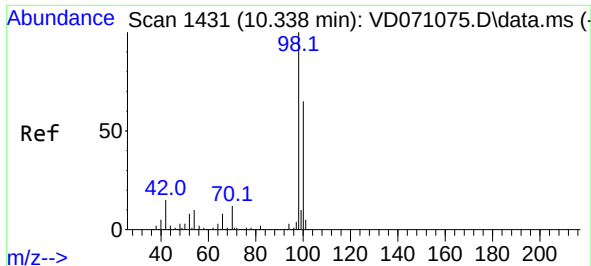
Tgt Ion:114 Resp: 598329
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.8
88 14.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.511 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071320.D
Acq: 14 Dec 2021 14:59

Tgt Ion:113 Resp: 181023
Ion Ratio Lower Upper
113 100
111 101.0 82.0 123.0
192 17.4 15.2 22.8

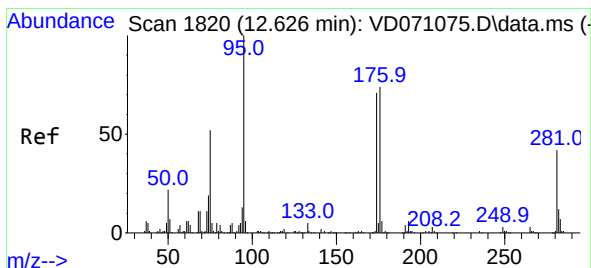
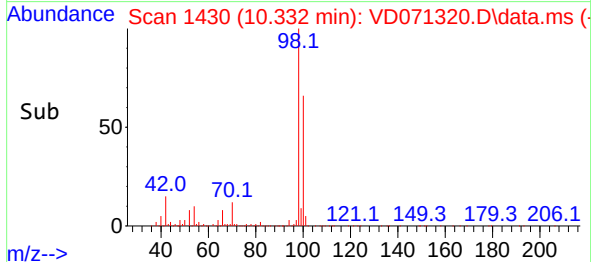
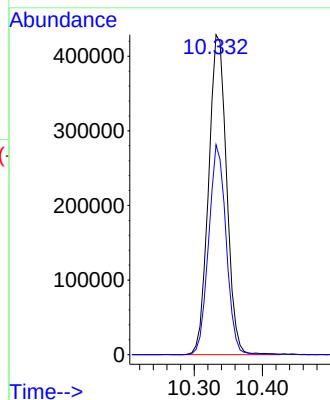
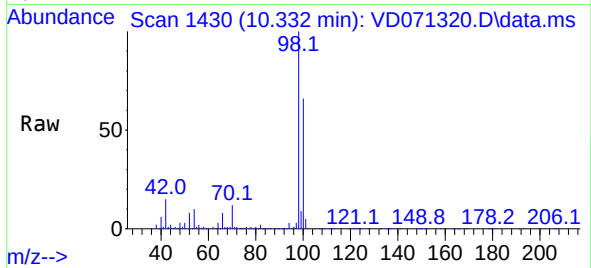




#50
Toluene-d8
Concen: 54.354 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071320.D
Acq: 14 Dec 2021 14:59

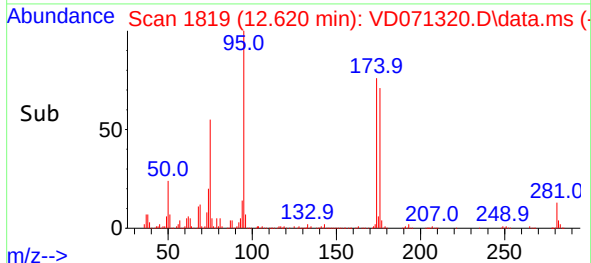
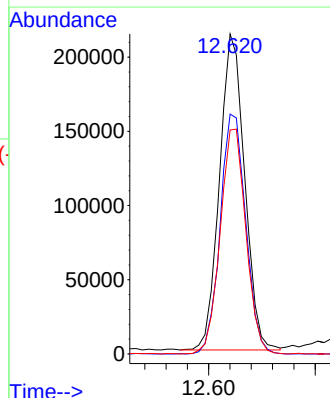
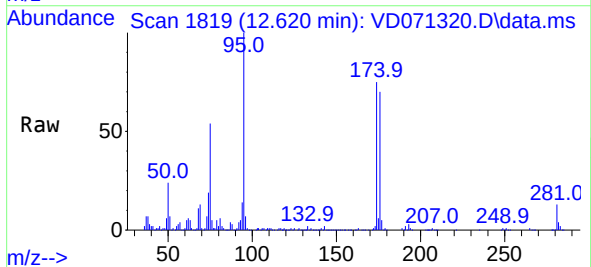
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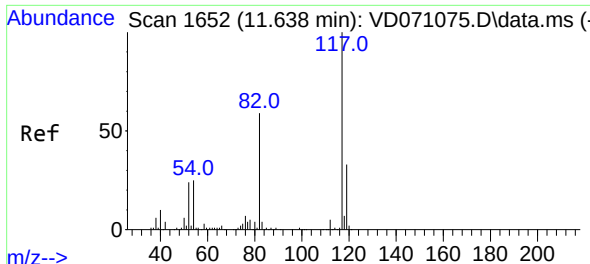
Tgt Ion: 98 Resp: 788100
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.124 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071320.D
Acq: 14 Dec 2021 14:59

Tgt Ion: 95 Resp: 347419
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 72.9 0.0 154.0

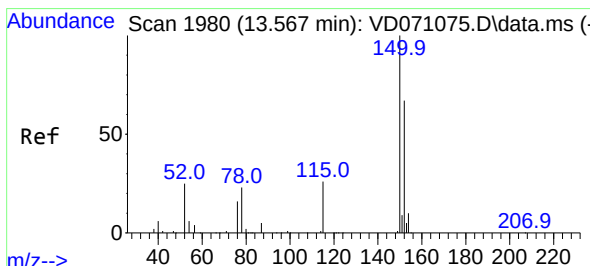
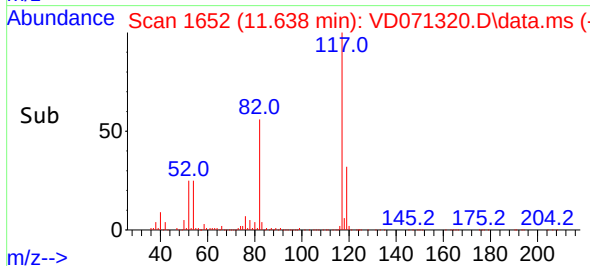
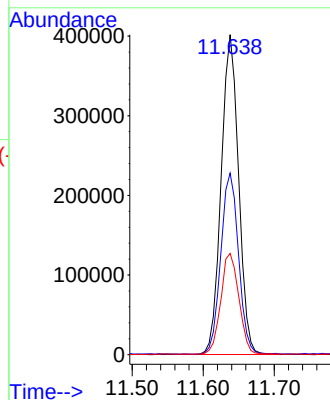
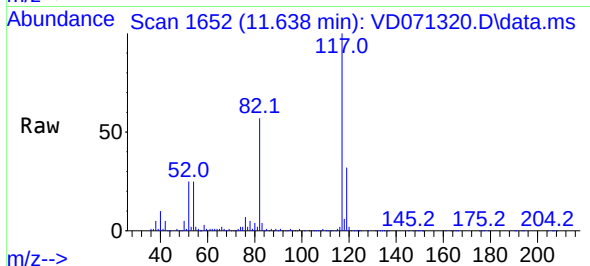




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071320.D
Acq: 14 Dec 2021 14:59

Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1-(0-5)

Tgt Ion:117 Resp: 682814
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071320.D
Acq: 14 Dec 2021 14:59

Tgt Ion:152 Resp: 352225
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 158.5 0.0 349.2

