

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071322.D
 Acq On : 14 Dec 2021 15:56
 Operator : VA/SY
 Sample : M5064-03
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-121-1-(10-17)

Quant Time: Dec 15 08:30:50 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	7.973	168	34107	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	59409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	72395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	39622	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	28894	72.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.400%
35) Dibromofluoromethane	7.908	113	20431	54.006	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.020%
50) Toluene-d8	10.332	98	73342	50.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.620	95	35477	71.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	142.180%

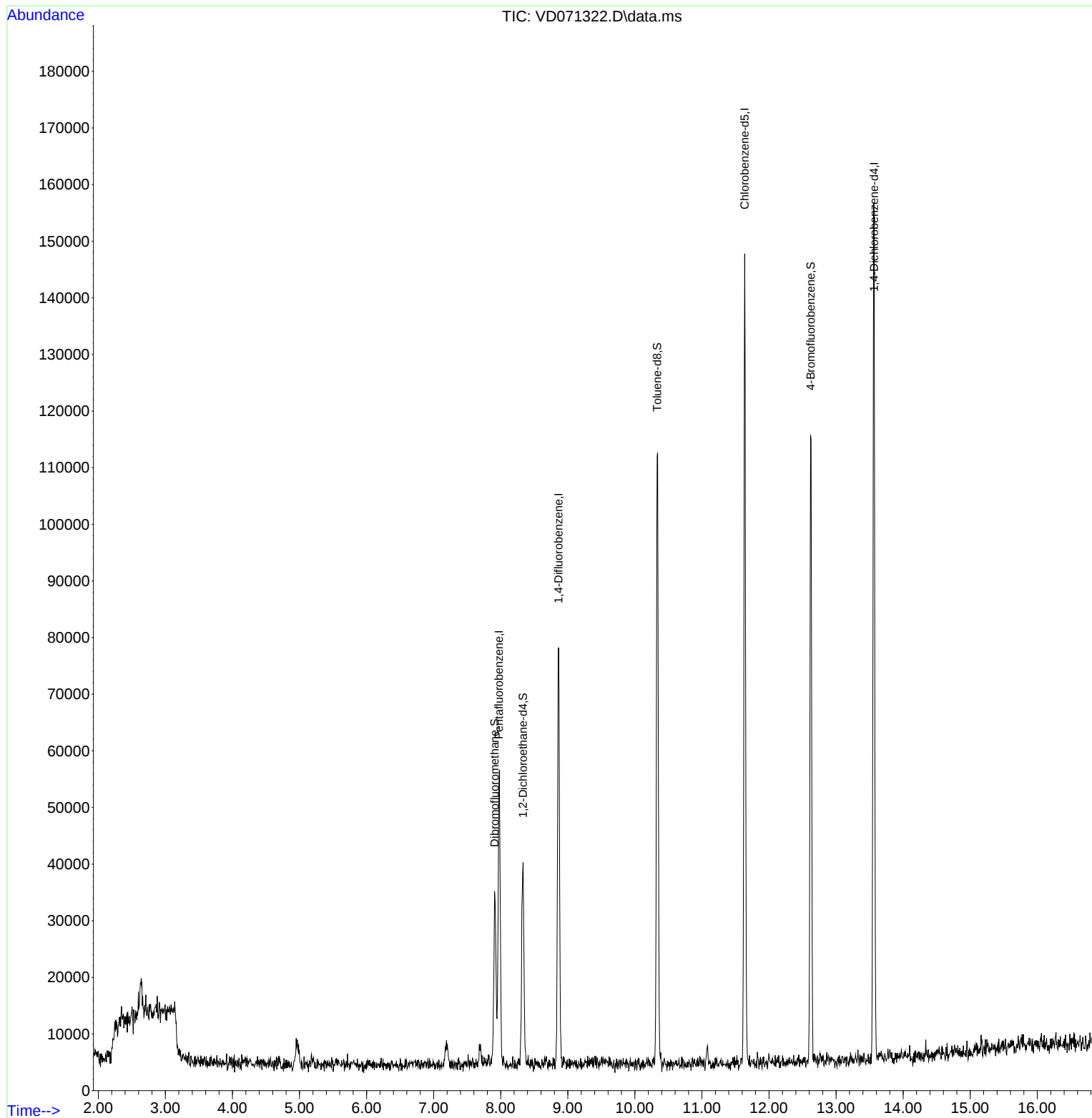
Target Compounds	Qvalue

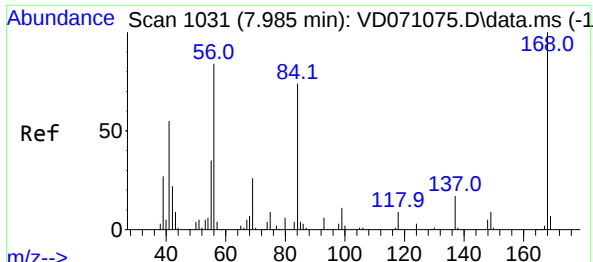
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071322.D

Acq: 14 Dec 2021 15:56

Instrument :

MSVOA_D

ClientSampleId :

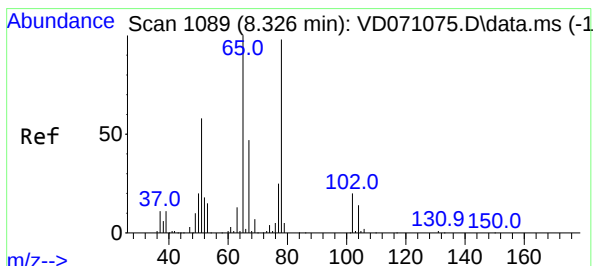
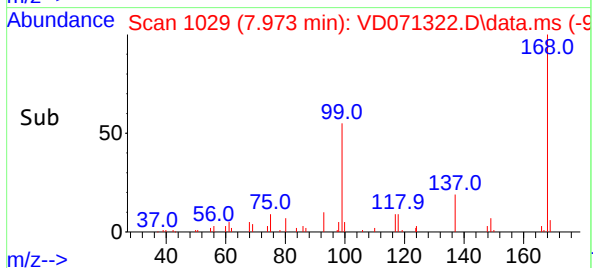
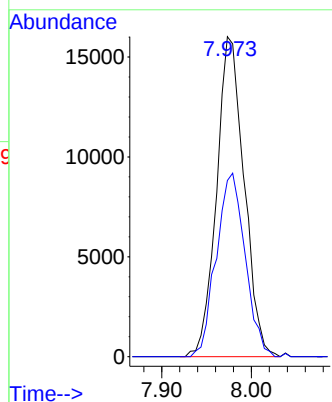
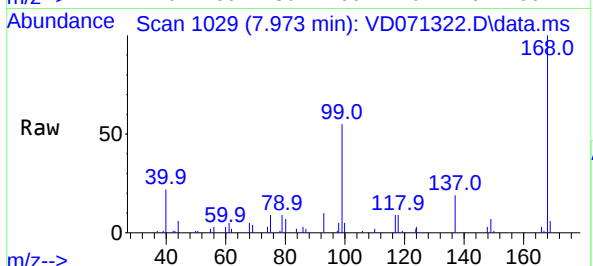
SASP2-121-1-(10-17)

Tgt Ion:168 Resp: 34107

Ion Ratio Lower Upper

168 100

99 55.0 46.6 69.8



1,2-Dichloroethane-d4

Concen: 72.198 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071322.D

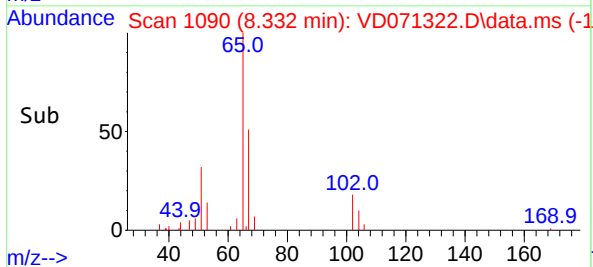
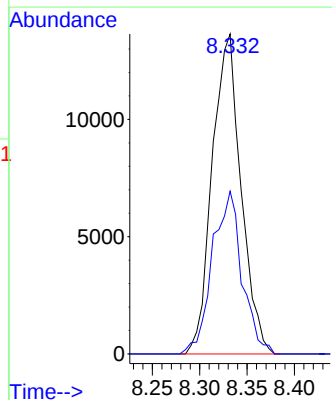
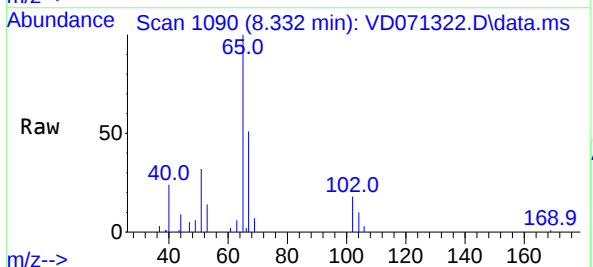
Acq: 14 Dec 2021 15:56

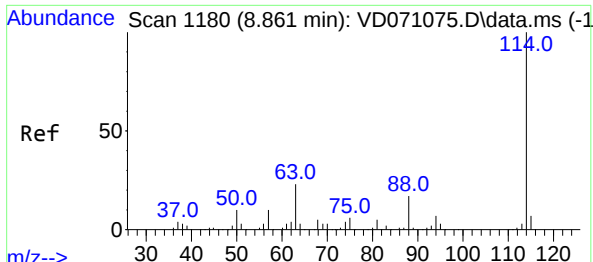
Tgt Ion: 65 Resp: 28894

Ion Ratio Lower Upper

65 100

67 52.3 0.0 112.2



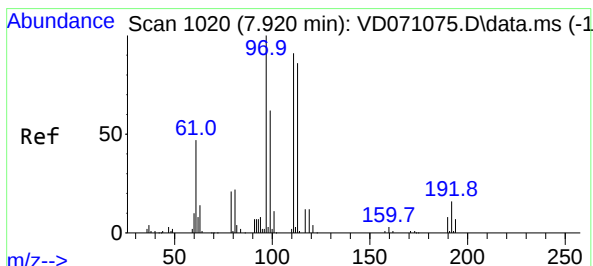
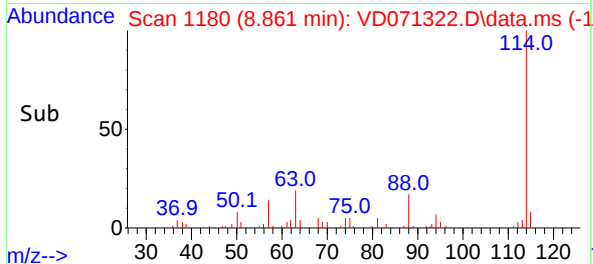
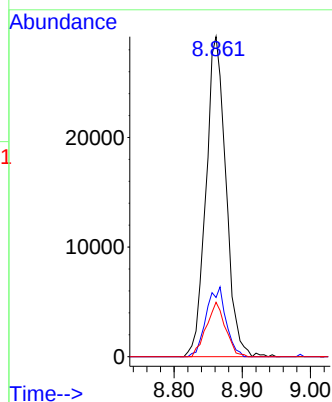
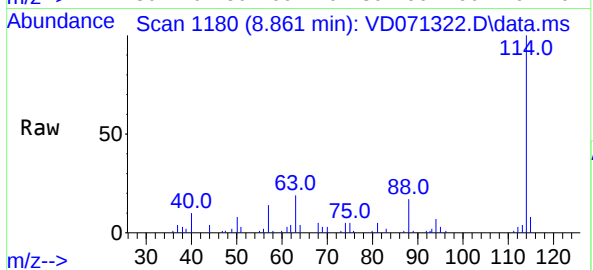


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071322.D
Acq: 14 Dec 2021 15:56

Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1-(10-17)

Tgt Ion:114 Resp: 59409

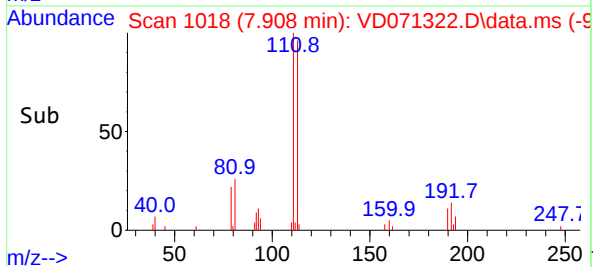
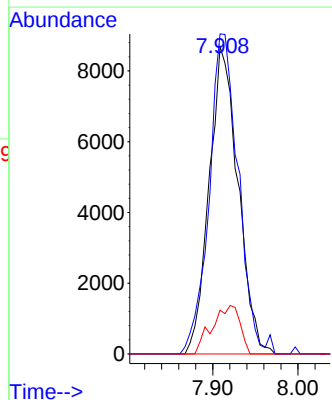
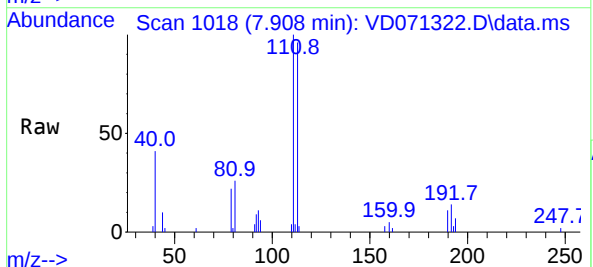
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	41.8
88	17.0	0.0	32.8

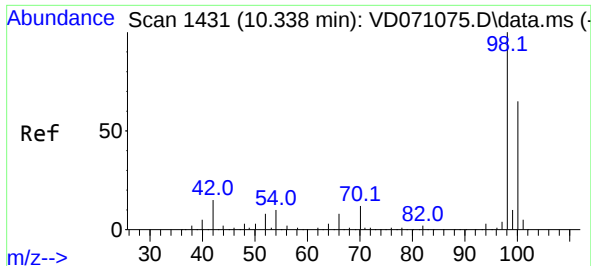


#35
Dibromofluoromethane
Concen: 54.006 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071322.D
Acq: 14 Dec 2021 15:56

Tgt Ion:113 Resp: 20431

Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.0	123.0
192	15.3	15.2	22.8

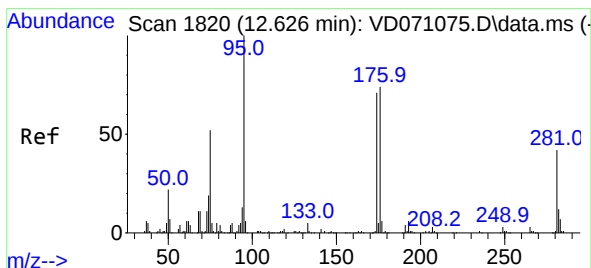
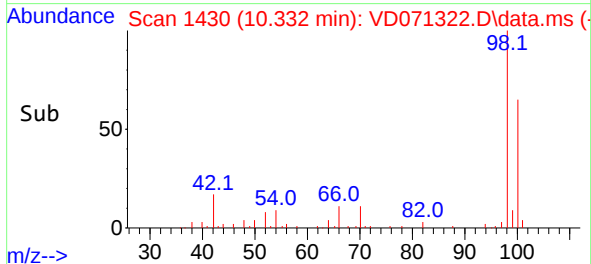
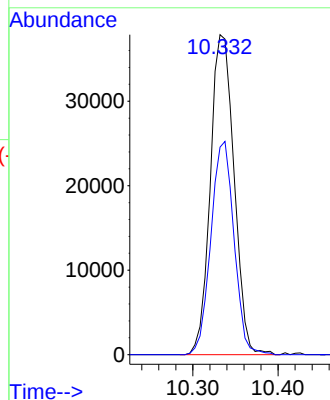
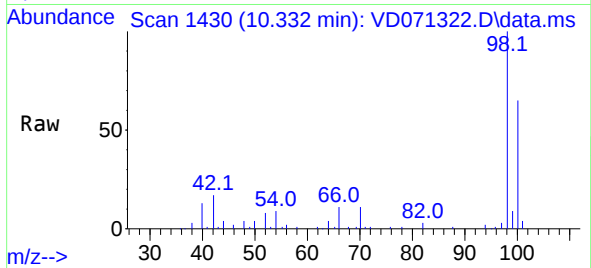




#50
Toluene-d8
Concen: 50.944 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071322.D
Acq: 14 Dec 2021 15:56

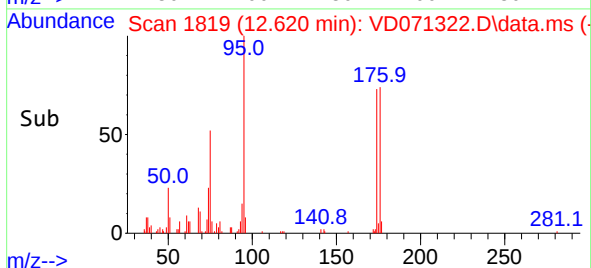
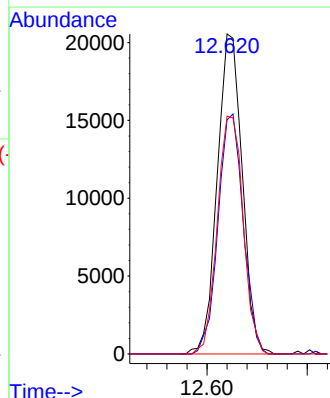
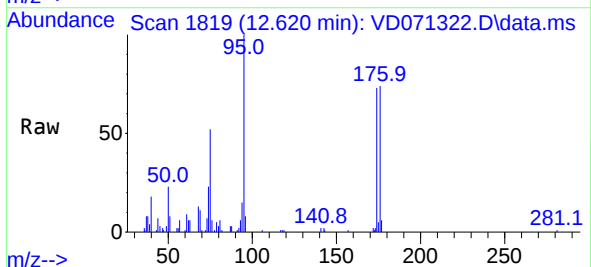
Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1-(10-17)

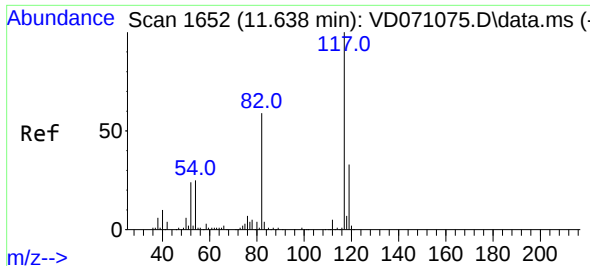
Tgt Ion: 98 Resp: 73342
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 71.090 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071322.D
Acq: 14 Dec 2021 15:56

Tgt Ion: 95 Resp: 35477
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.4
176 76.7 0.0 154.0

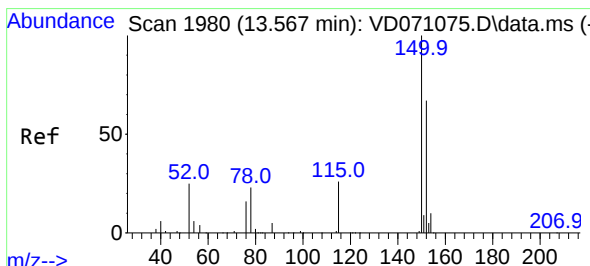
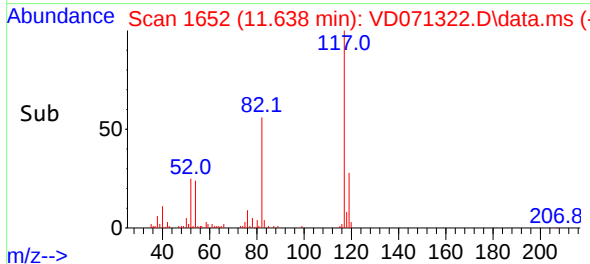
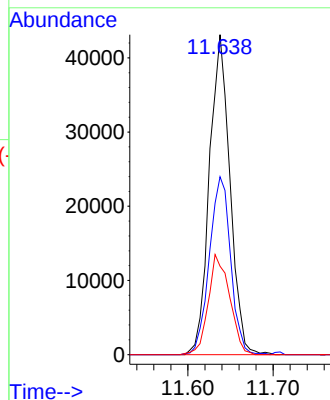
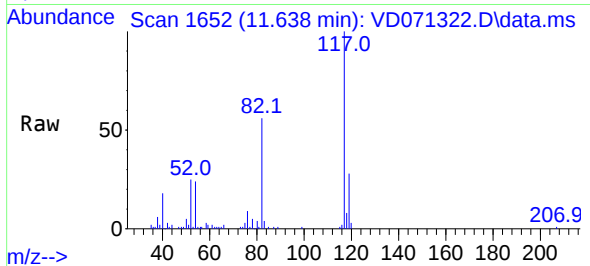




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071322.D
Acq: 14 Dec 2021 15:56

Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1-(10-17)

Tgt Ion:117	Resp:	72395
Ion	Ratio	Lower Upper
117	100	
82	55.6	44.7 67.1
119	27.6	26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071322.D
Acq: 14 Dec 2021 15:56

Tgt Ion:152	Resp:	39622
Ion	Ratio	Lower Upper
152	100	
115	59.9	29.8 89.3
150	154.3	0.0 349.2

