

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071366.D
 Acq On : 16 Dec 2021 14:41
 Operator : VA/SY
 Sample : M5089-01
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-1

Quant Time: Dec 16 23:49:02 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	441446	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	770739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	683927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	277458	53.565	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.120%
35) Dibromofluoromethane	7.909	113	244774	49.873	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.332	98	971107	51.994	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.620	95	305135	47.130	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.260%

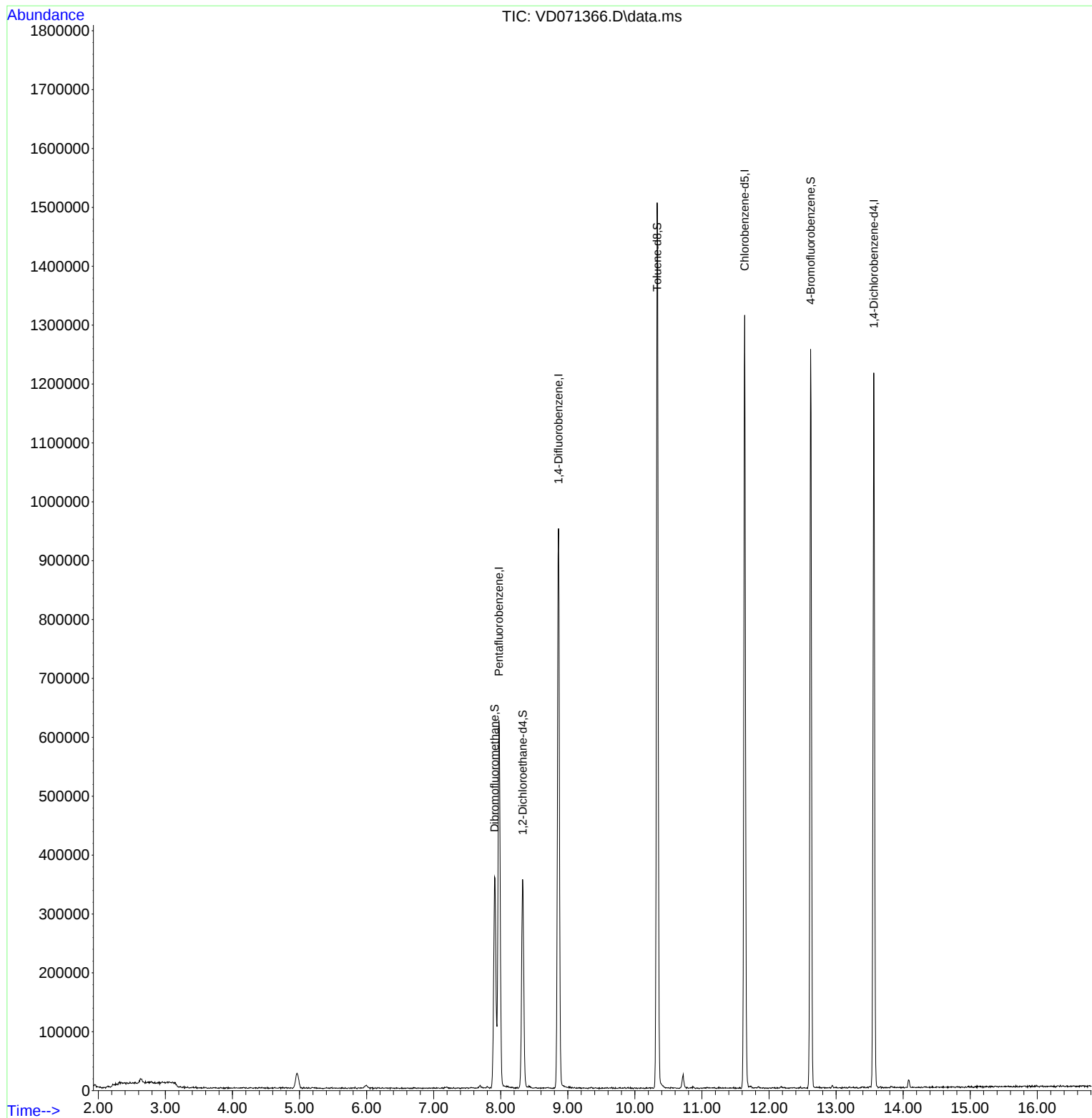
Target Compounds	Qvalue

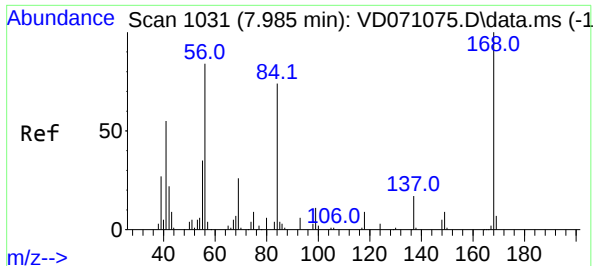
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071366.D

Acq: 16 Dec 2021 14:41

Instrument :

MSVOA_D

ClientSampleId :

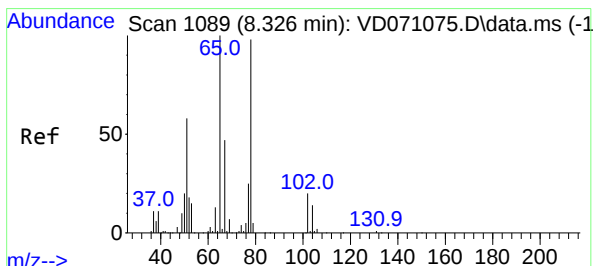
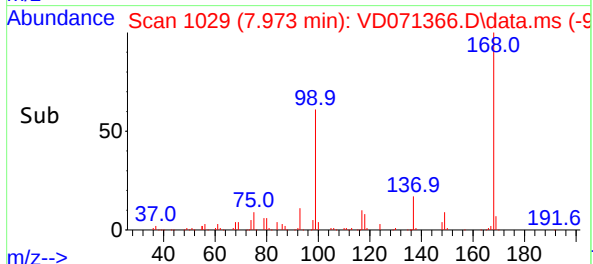
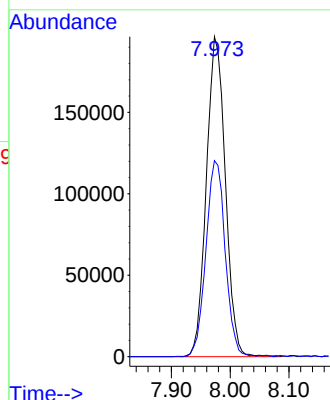
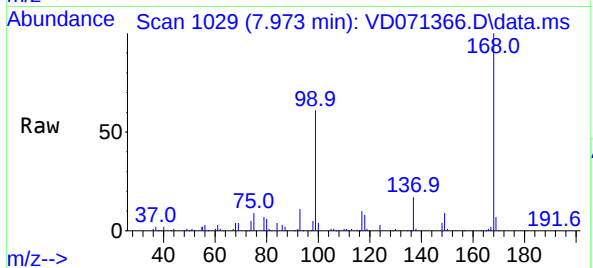
MS-1

Tgt Ion:168 Resp: 441446

Ion Ratio Lower Upper

168 100

99 61.2 46.6 69.8



1,2-Dichloroethane-d4

Concen: 53.565 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071366.D

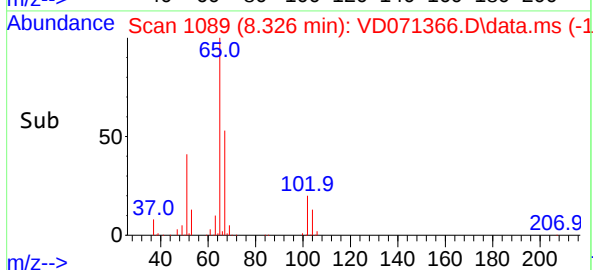
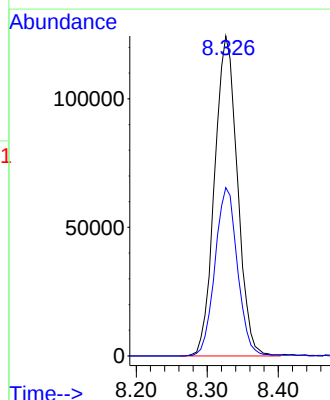
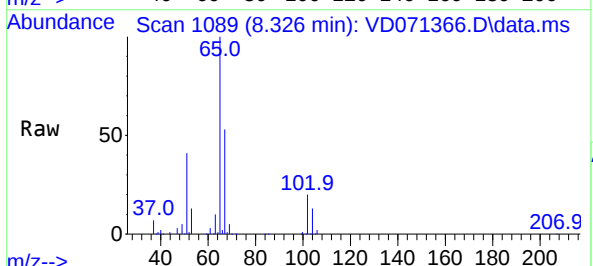
Acq: 16 Dec 2021 14:41

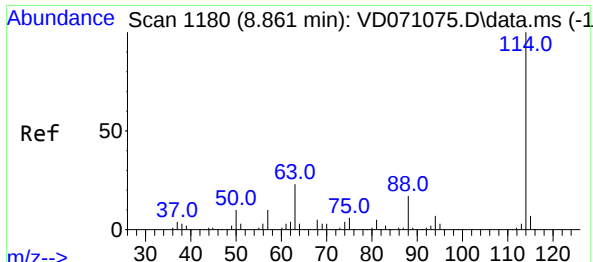
Tgt Ion: 65 Resp: 277458

Ion Ratio Lower Upper

65 100

67 52.0 0.0 112.2



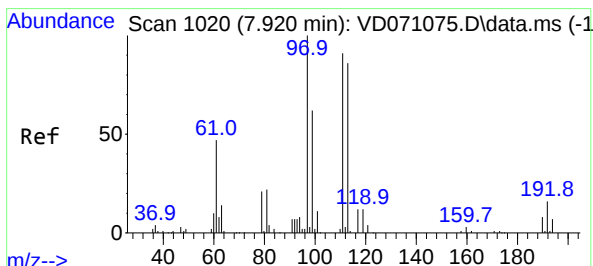
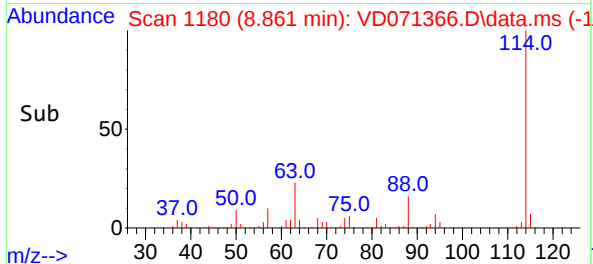
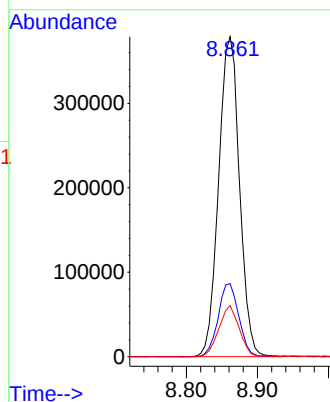
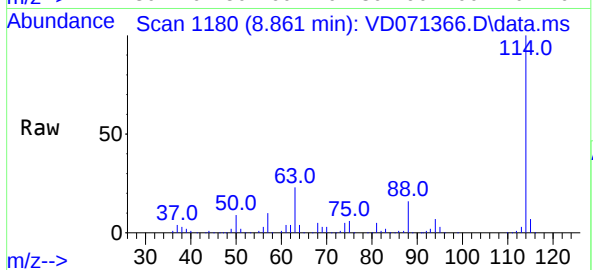


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071366.D
Acq: 16 Dec 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :
MS-1

Tgt Ion:114 Resp: 770739

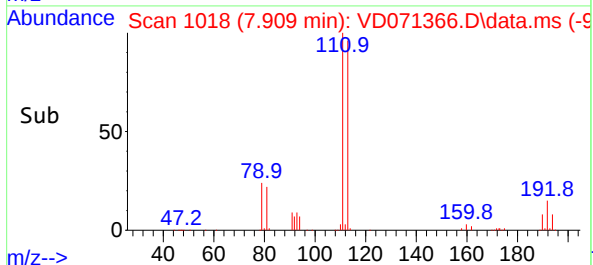
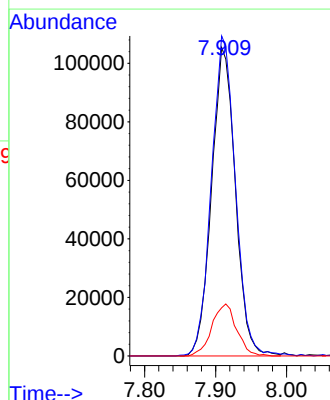
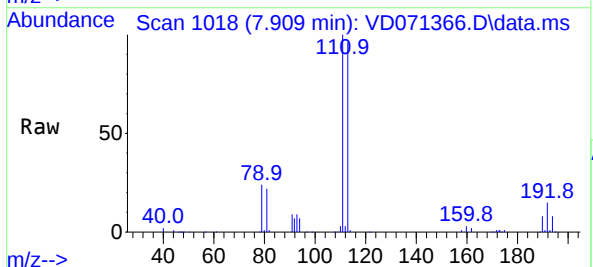
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.8
88	16.0	0.0	32.8

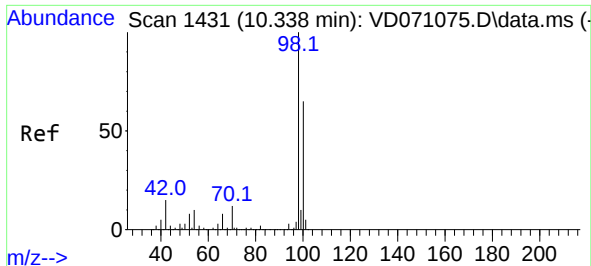


#35
Dibromofluoromethane
Concen: 49.873 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD071366.D
Acq: 16 Dec 2021 14:41

Tgt Ion:113 Resp: 244774

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.0	123.0
192	17.5	15.2	22.8

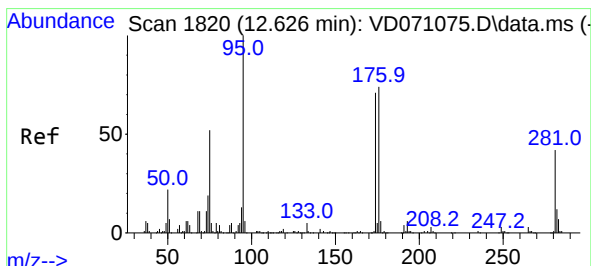
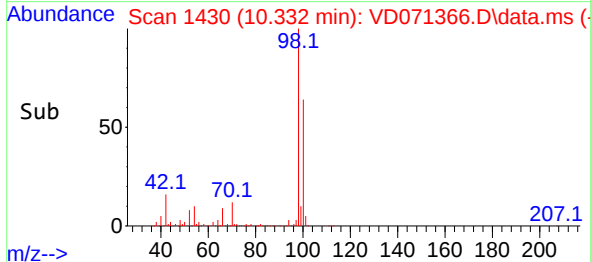
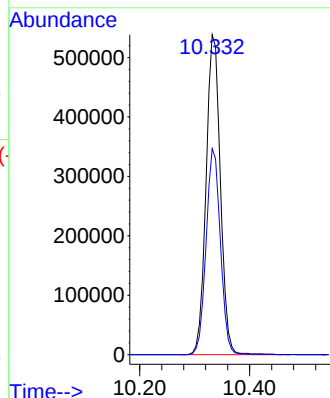
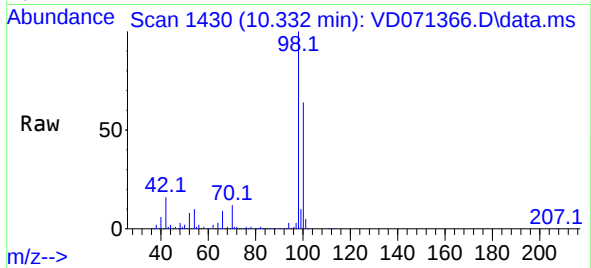




#50
Toluene-d8
Concen: 51.994 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071366.D
Acq: 16 Dec 2021 14:41

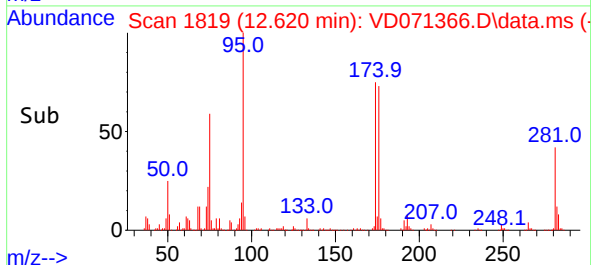
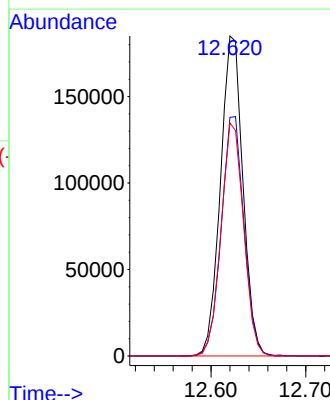
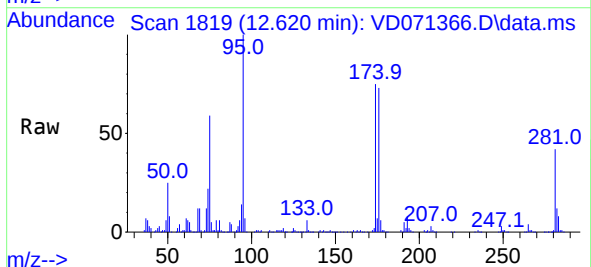
Instrument :
MSVOA_D
ClientSampleId :
MS-1

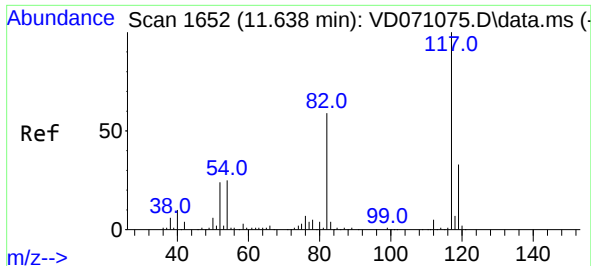
Tgt Ion: 98 Resp: 971107
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.130 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071366.D
Acq: 16 Dec 2021 14:41

Tgt Ion: 95 Resp: 305135
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.4
176 73.0 0.0 154.0

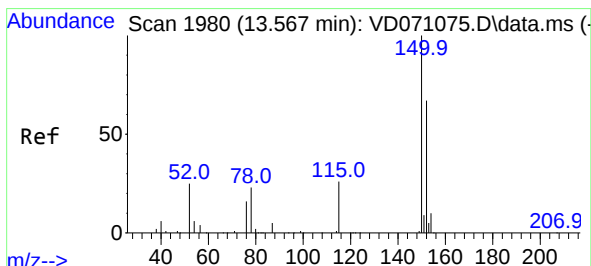
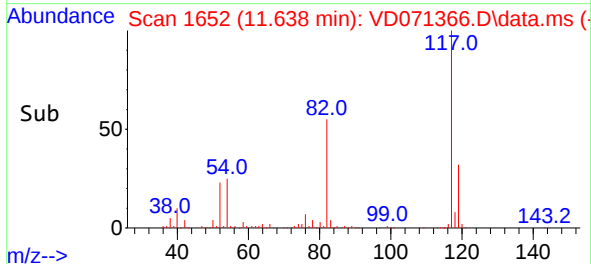
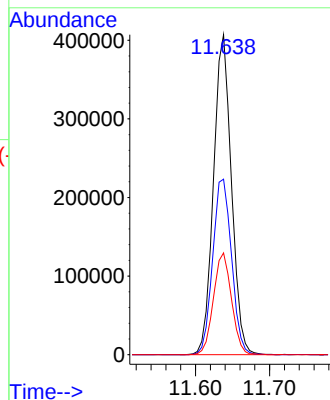
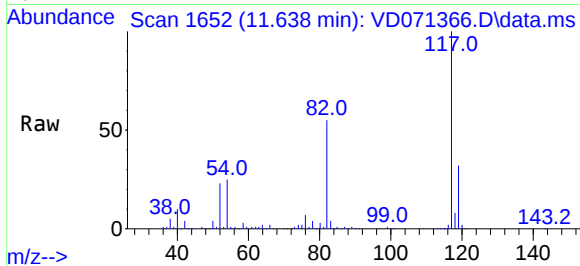




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071366.D
Acq: 16 Dec 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :
MS-1

Tgt Ion:117 Resp: 683927
Ion Ratio Lower Upper
117 100
82 54.9 44.7 67.1
119 31.8 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: VD071366.D
Acq: 16 Dec 2021 14:41

Tgt Ion:152 Resp: 287701
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 158.2 0.0 349.2

