

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071254.D
 Acq On : 10 Dec 2021 16:23
 Operator : VA/SY
 Sample : M4990-04
 Misc : 6.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R3-7

Quant Time: Dec 11 04:40:40 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	267180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	461948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	501876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	245485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	144054	45.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.90%
35) Dibromofluoromethane	7.914	113	145954	49.62	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.24%
50) Toluene-d8	10.338	98	605822	54.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.24%
62) 4-Bromofluorobenzene	12.626	95	250356	64.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.04%

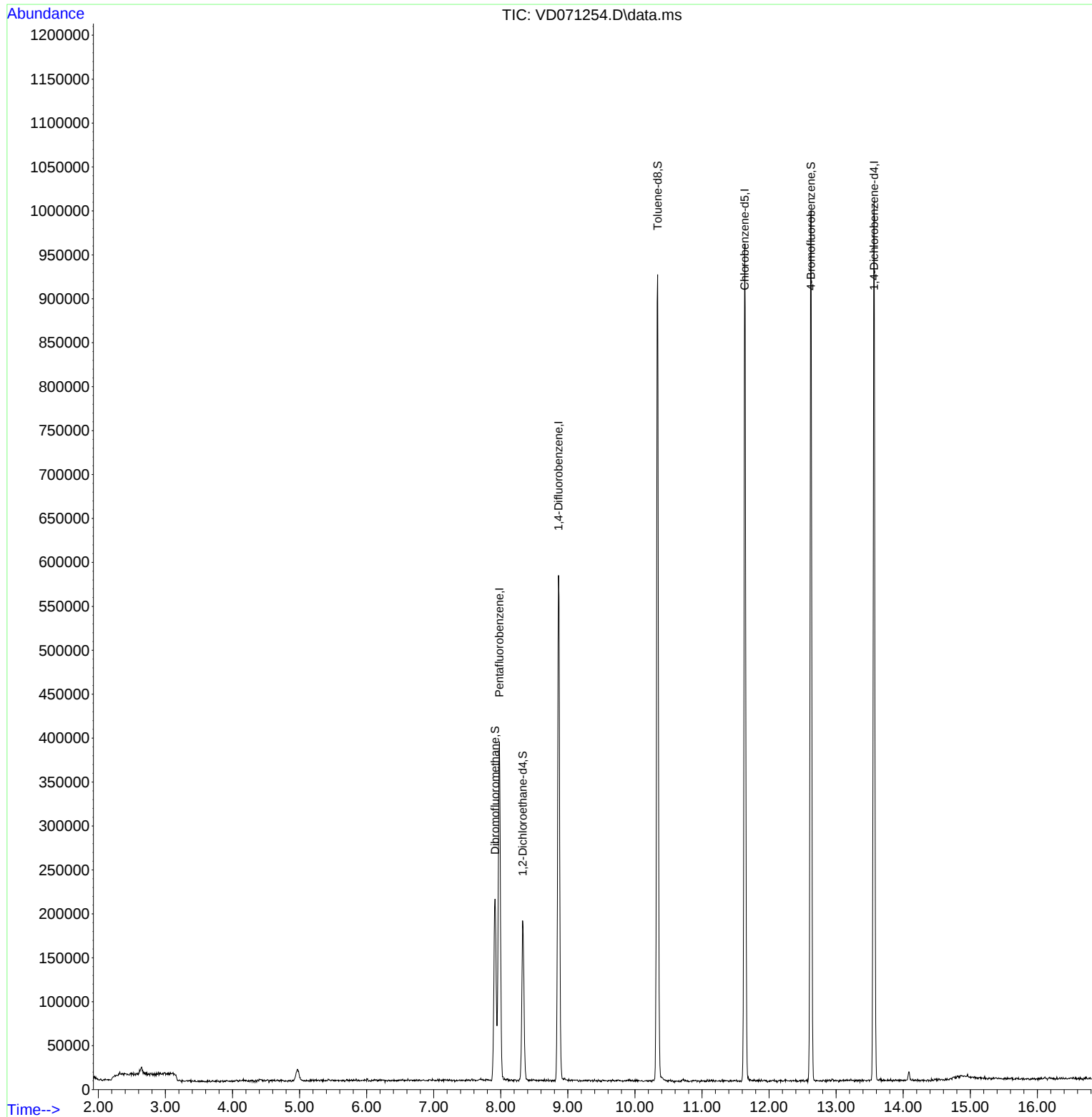
Target Compounds	Qvalue

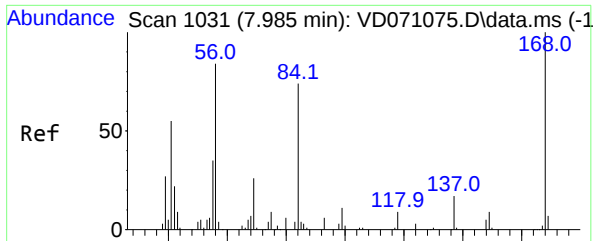
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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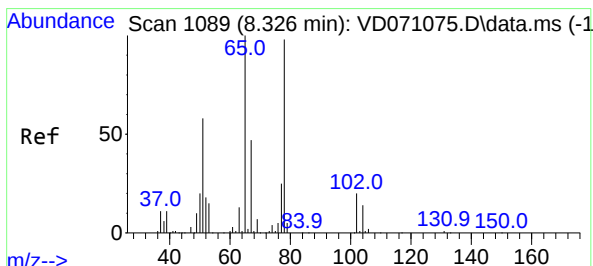
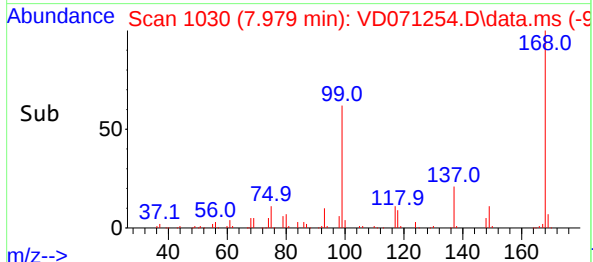
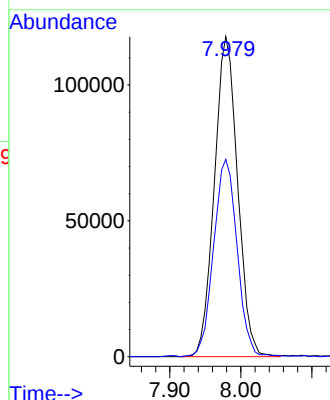
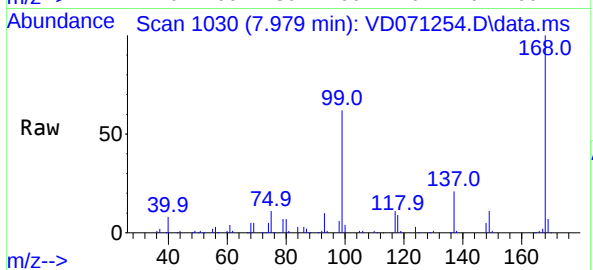




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

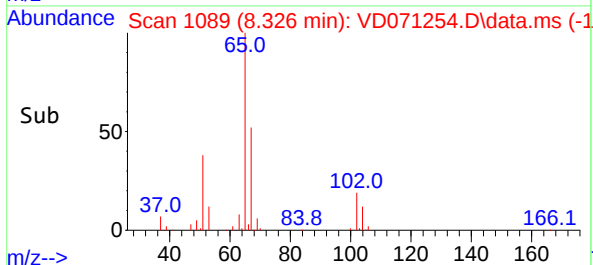
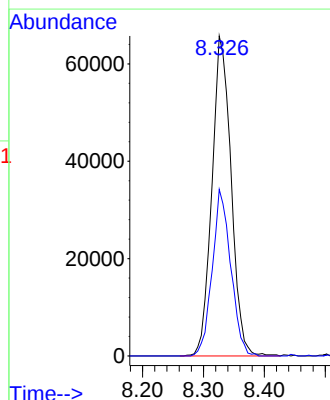
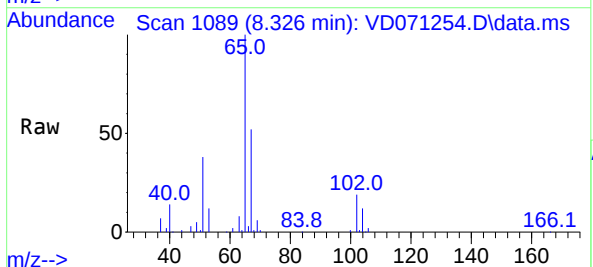
Instrument :
MSVOA_D
ClientSampleId :
R3-7

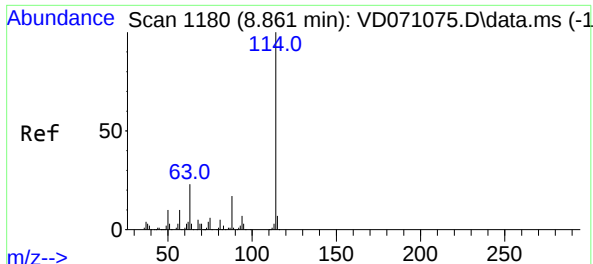
Tgt Ion:168 Resp: 267180
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 45.95 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Tgt Ion: 65 Resp: 144054
Ion Ratio Lower Upper
65 100
67 50.2 0.0 112.2



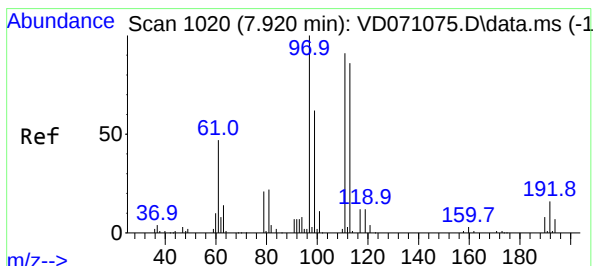
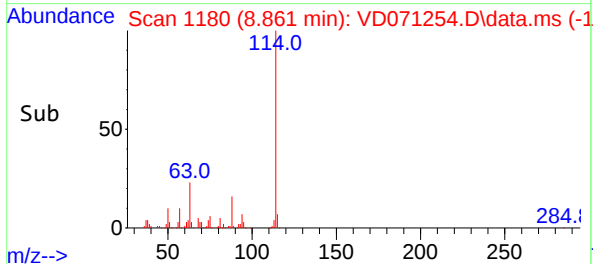
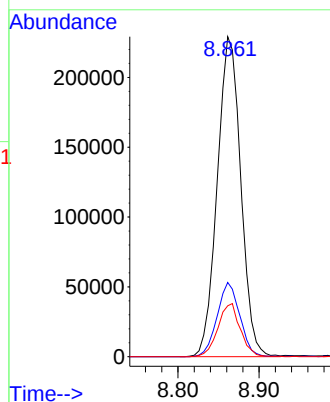
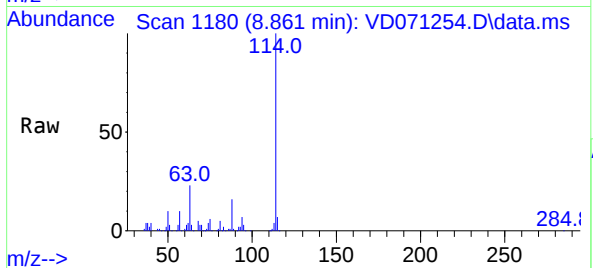


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Instrument :
MSVOA_D
ClientSampleId :
R3-7

Tgt Ion:114 Resp: 461948

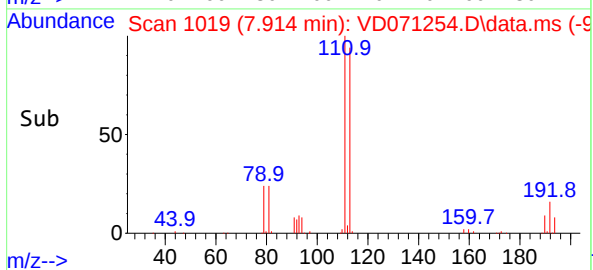
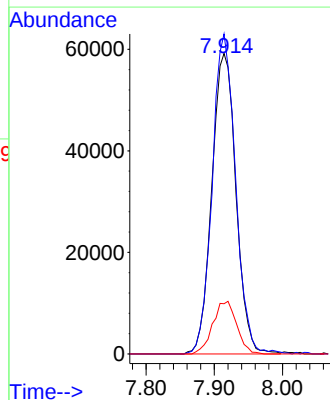
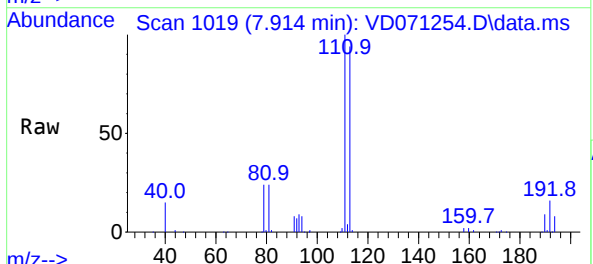
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	41.8
88	15.9	0.0	32.8

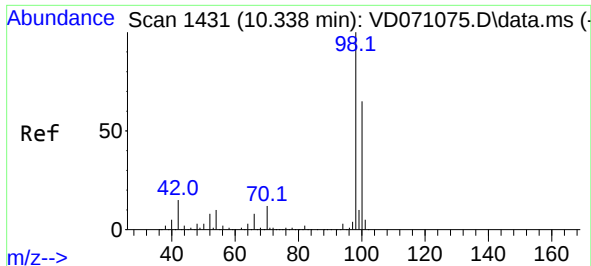


#35
Dibromofluoromethane
Concen: 49.62 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Tgt Ion:113 Resp: 145954

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	17.3	15.2	22.8

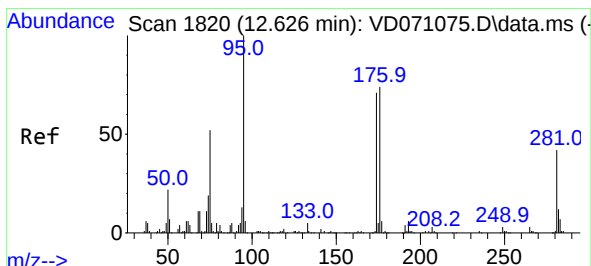
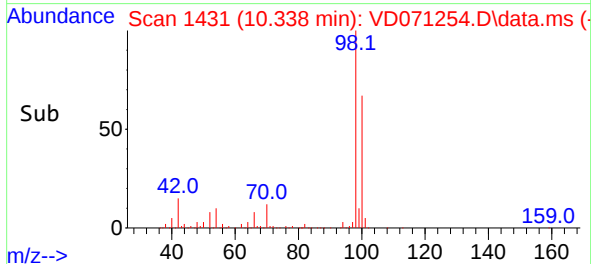
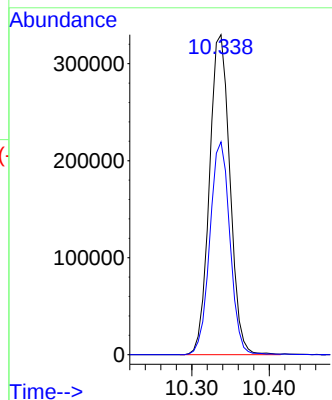
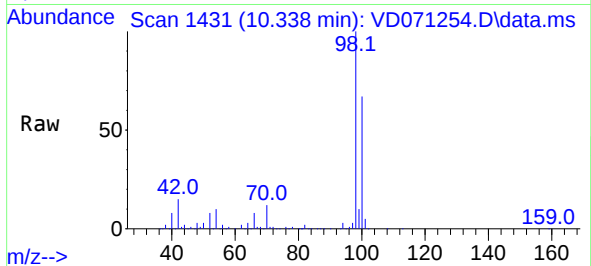




#50
Toluene-d8
Concen: 54.12 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

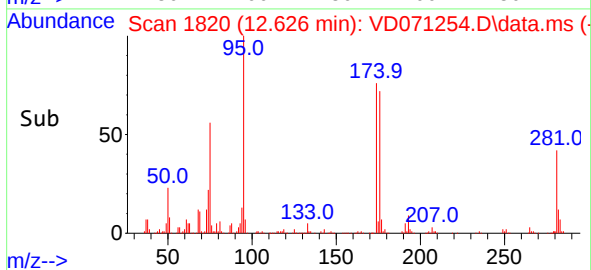
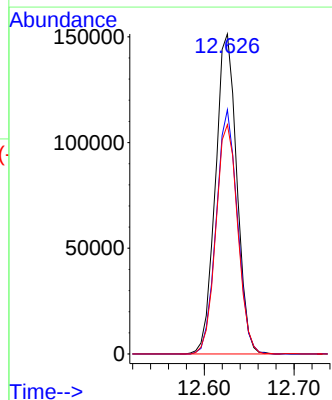
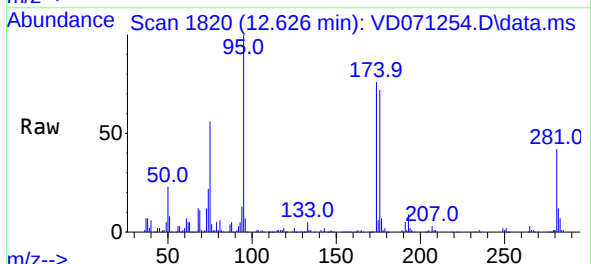
Instrument :
MSVOA_D
ClientSampleId :
R3-7

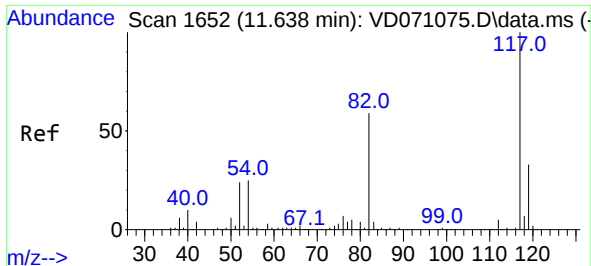
Tgt Ion: 98 Resp: 605822
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.52 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Tgt Ion: 95 Resp: 250356
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.1 0.0 154.0



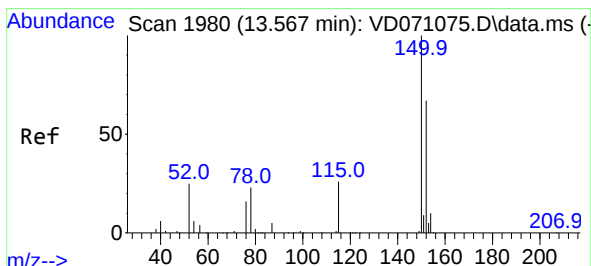
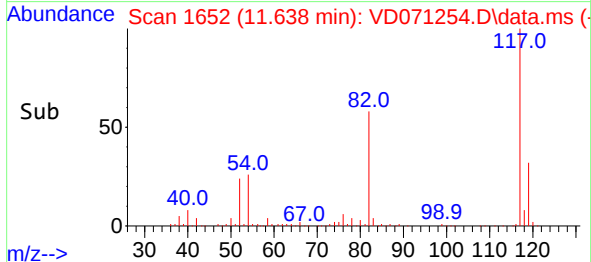
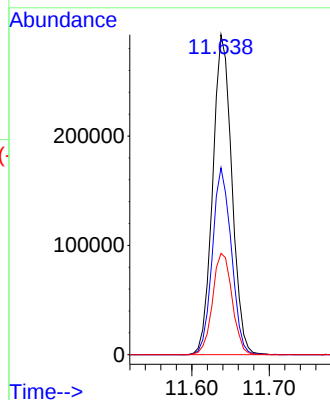
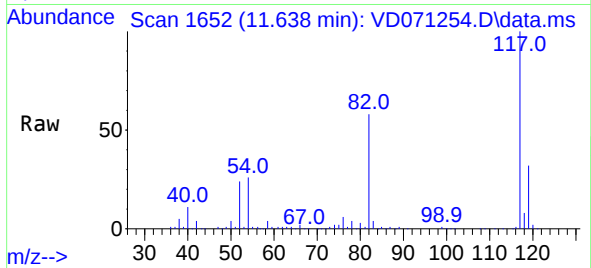


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Instrument :
MSVOA_D
ClientSampleId :
R3-7

Tgt Ion:117 Resp: 501876

Ion	Ratio	Lower	Upper
117	100		
82	58.4	44.7	67.1
119	31.6	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Tgt Ion:152 Resp: 245485

Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.8	89.3
150	157.2	0.0	349.2

