

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071571.D
 Acq On : 03 Jan 2022 17:40
 Operator : VA/SY
 Sample : M5196-14
 Misc : 7.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-8-(2.5-3.5)

Quant Time: Jan 04 00:50:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	463332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	785975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	738196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	334583	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237350	38.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.140%
35) Dibromofluoromethane	7.914	113	239548	45.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.700%
50) Toluene-d8	10.338	98	988830	49.535	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.626	95	342115	48.229	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.460%

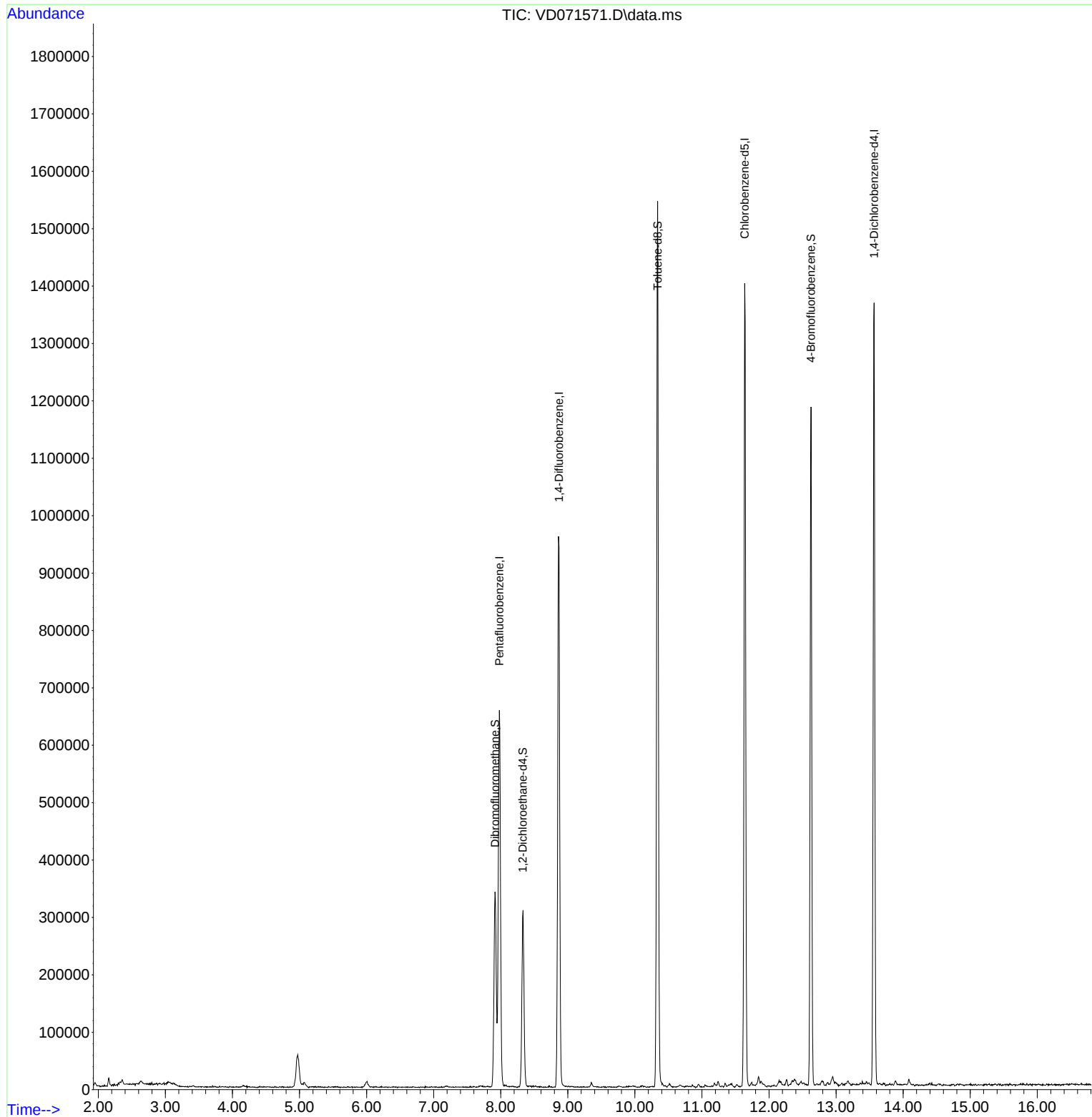
Target Compounds	Qvalue

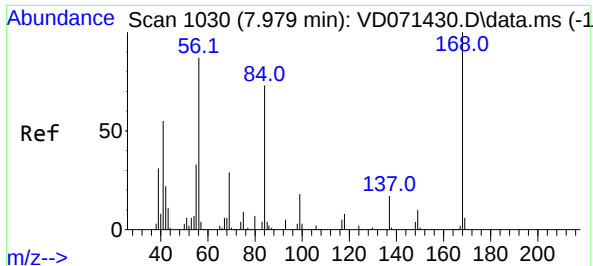
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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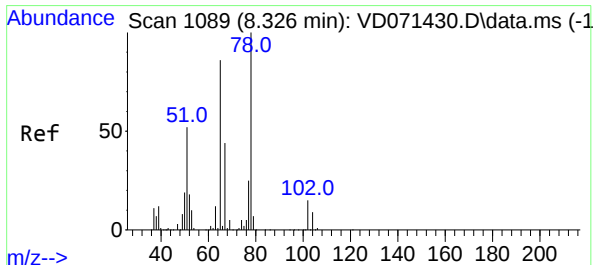
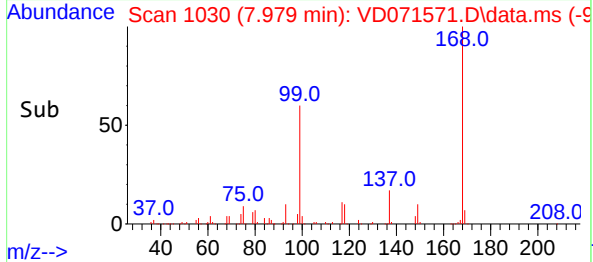
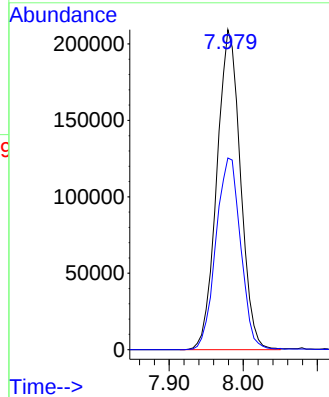
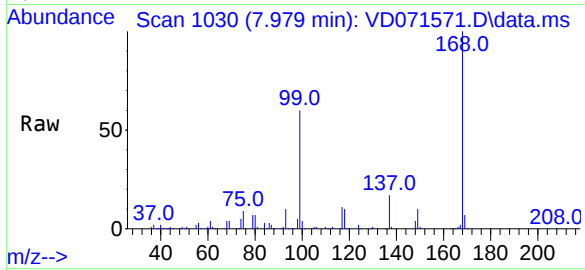




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

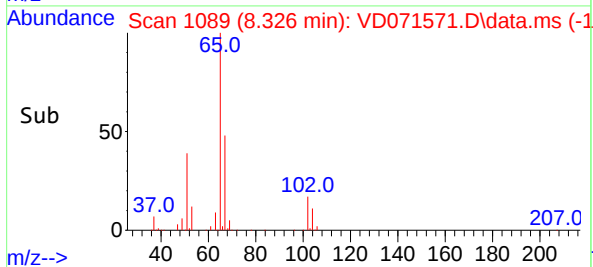
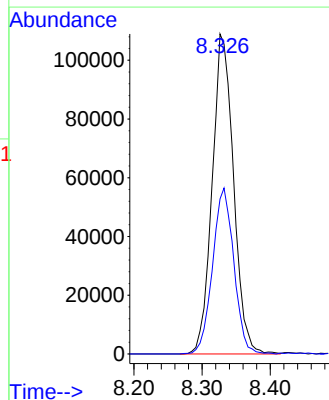
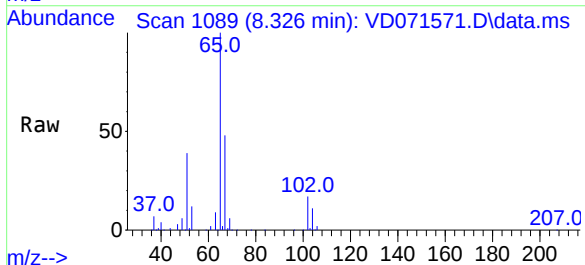
Instrument :
MSVOA_D
ClientSampleId :
B-8-(2.5-3.5)

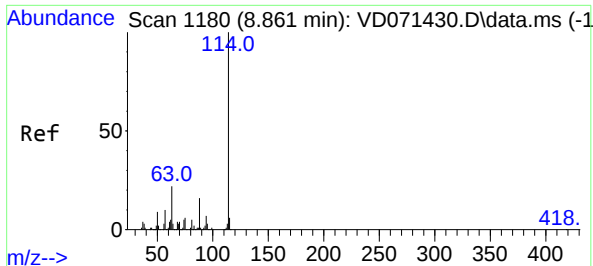
Tgt Ion:168 Resp: 463332
Ion Ratio Lower Upper
168 100
99 59.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 38.572 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

Tgt Ion: 65 Resp: 237350
Ion Ratio Lower Upper
65 100
67 51.6 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071571.D

Acq: 03 Jan 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

B-8-(2.5-3.5)

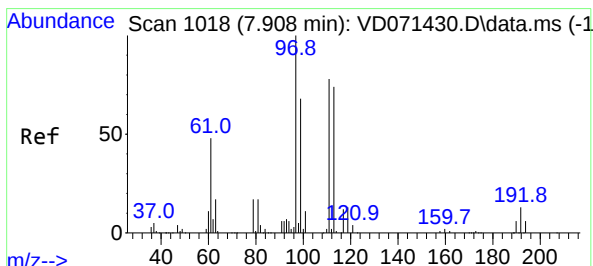
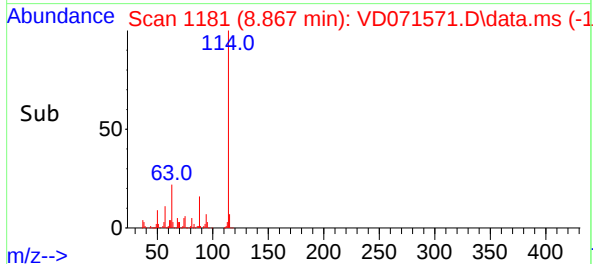
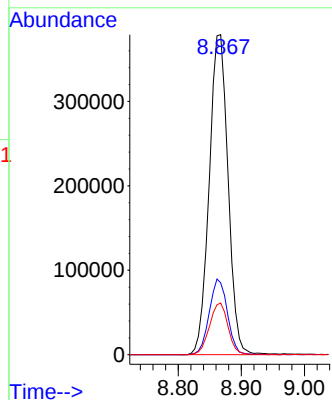
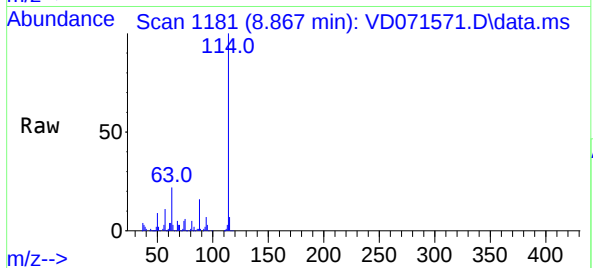
Tgt Ion:114 Resp: 785975

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.349 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071571.D

Acq: 03 Jan 2022 17:40

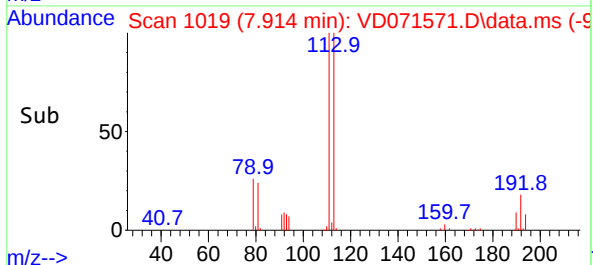
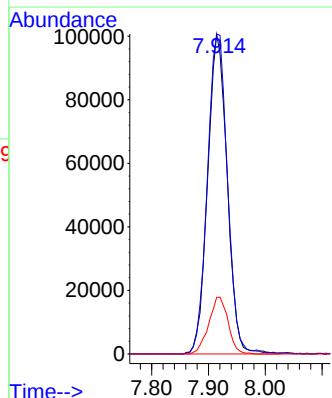
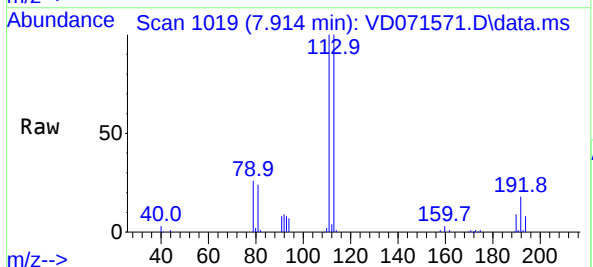
Tgt Ion:113 Resp: 239548

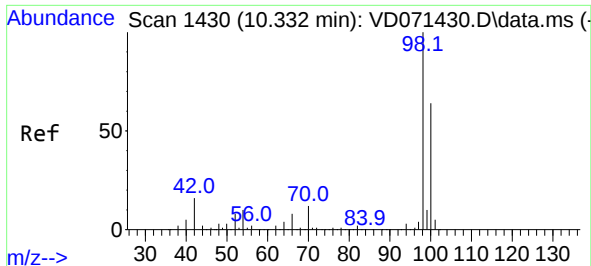
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 17.6 15.2 22.8

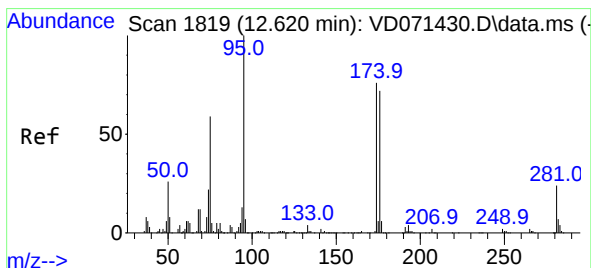
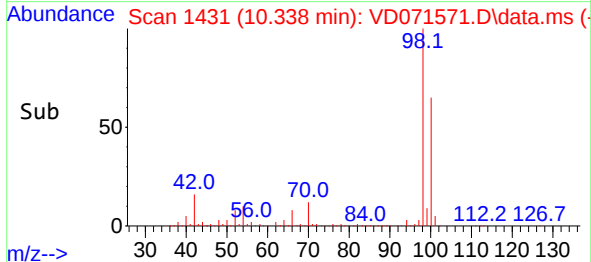
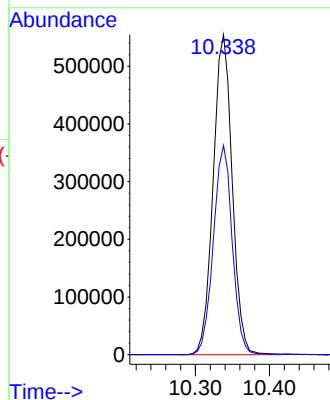
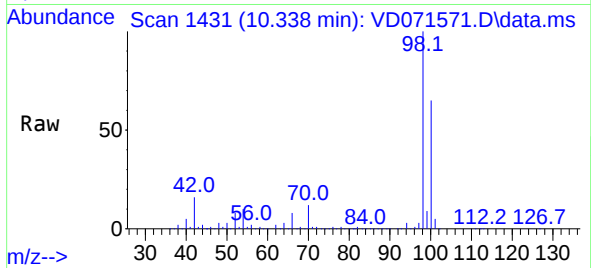




#50
Toluene-d8
Concen: 49.535 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

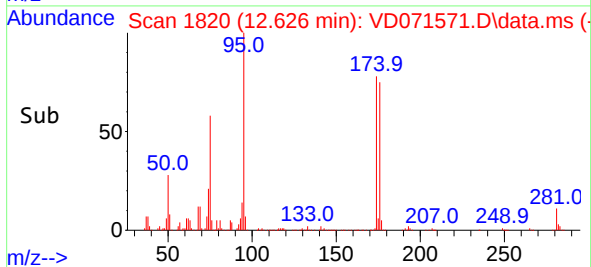
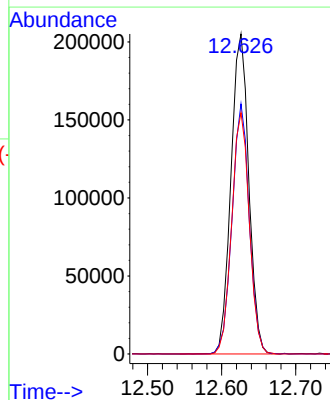
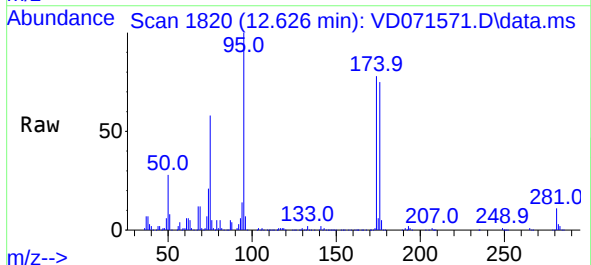
Instrument :
MSVOA_D
ClientSampleId :
B-8-(2.5-3.5)

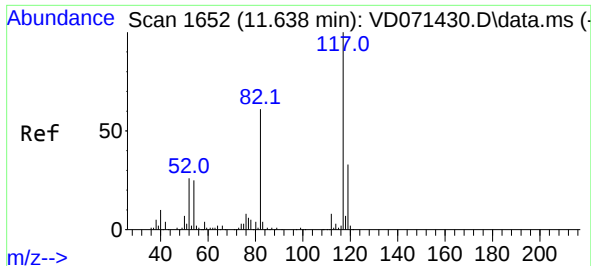
Tgt Ion: 98 Resp: 988830
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.229 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

Tgt Ion: 95 Resp: 342115
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 74.3 0.0 154.0

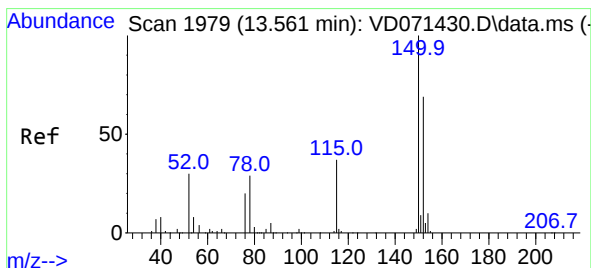
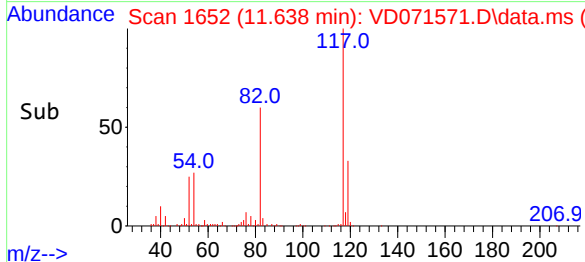
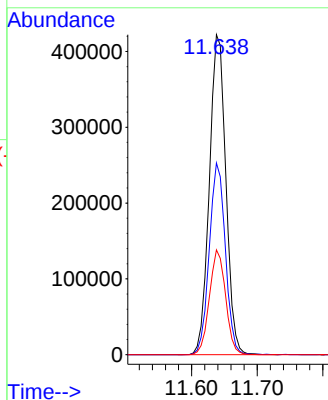
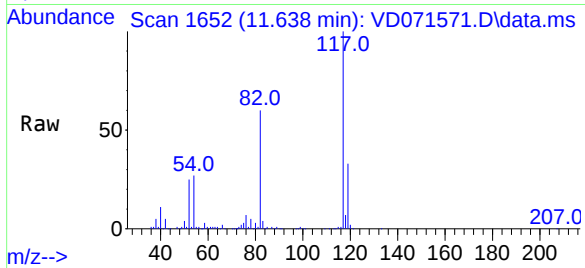




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

Instrument :
MSVOA_D
ClientSampleId :
B-8-(2.5-3.5)

Tgt Ion:117 Resp: 738196
Ion Ratio Lower Upper
117 100
82 59.9 44.7 67.1
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071571.D
Acq: 03 Jan 2022 17:40

Tgt Ion:152 Resp: 334583
Ion Ratio Lower Upper
152 100
115 60.8 29.8 89.3
150 160.0 0.0 349.2

