

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073124.D
 Acq On : 19 May 2022 04:41
 Operator : VA/SY
 Sample : N2900-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-051722

Quant Time: May 19 06:14:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	17086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	28011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	30875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	14882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	16550	77.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.900%
35) Dibromofluoromethane	7.908	113	14435	73.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	146.800%
50) Toluene-d8	10.332	98	33722	47.264	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.620	95	12660	48.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.980%

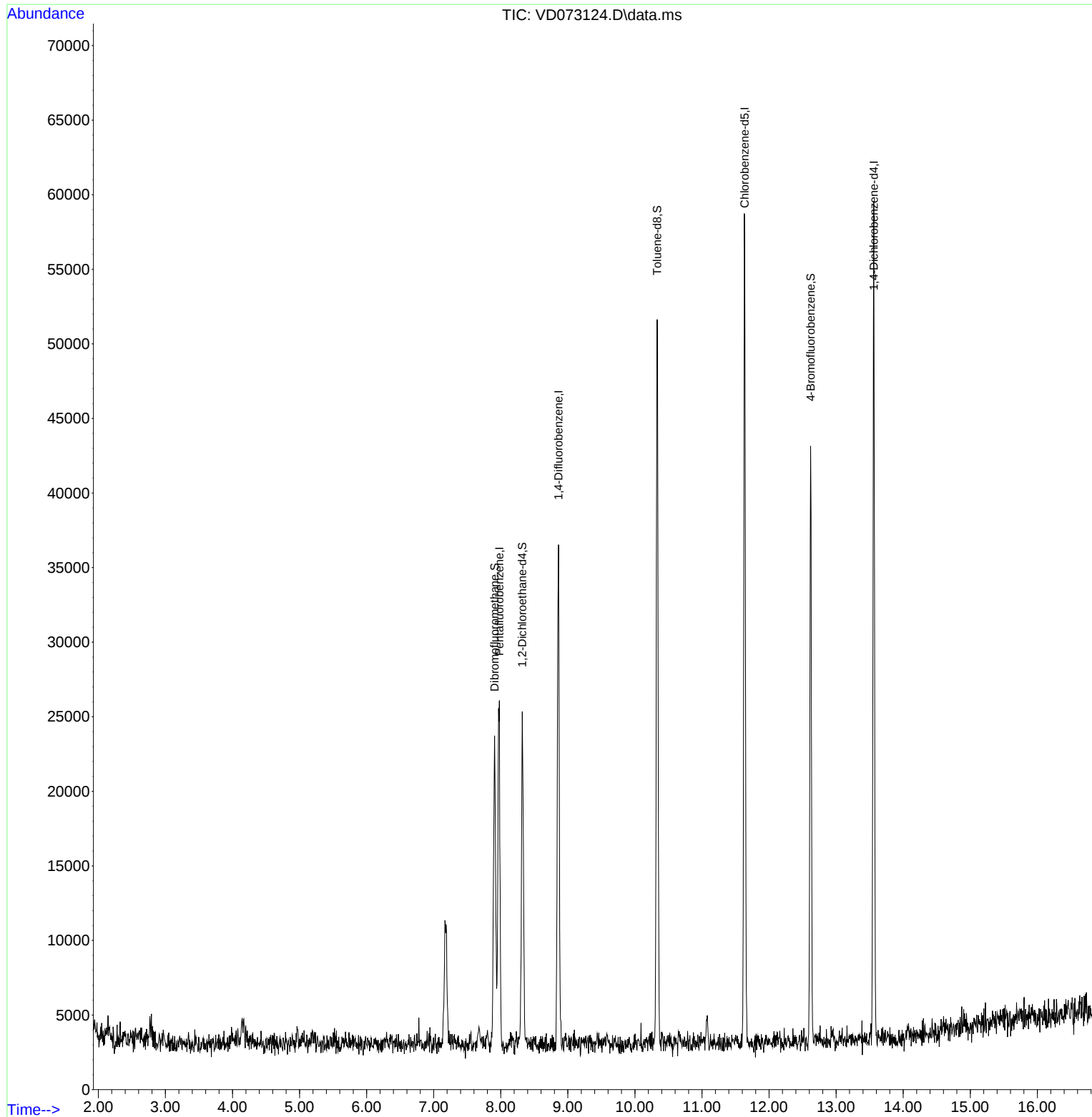
Target Compounds	Qvalue

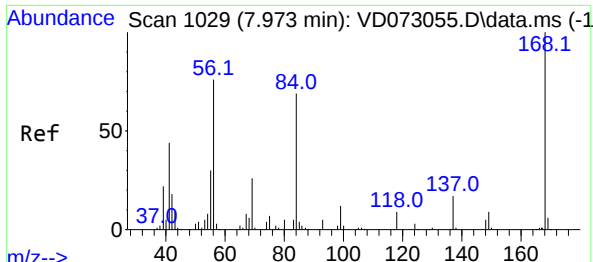
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073124.D

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Instrument :

MSVOA_D

ClientSampleId :

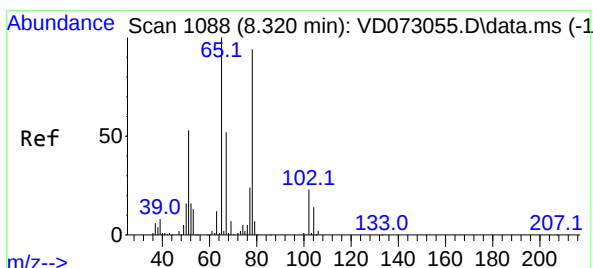
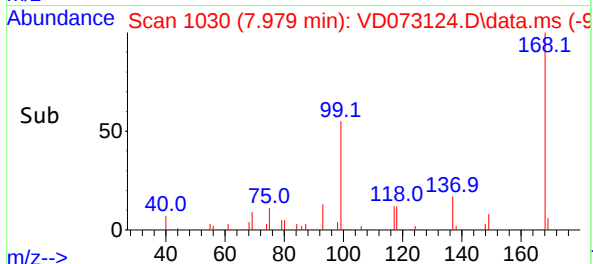
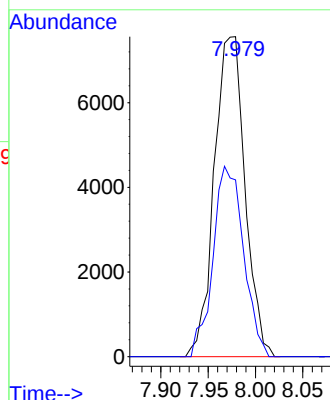
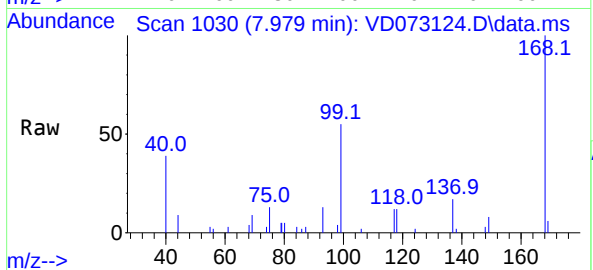
SU-02-051722

Tgt Ion:168 Resp: 17086

Ion Ratio Lower Upper

168 100

99 55.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 77.455 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073124.D

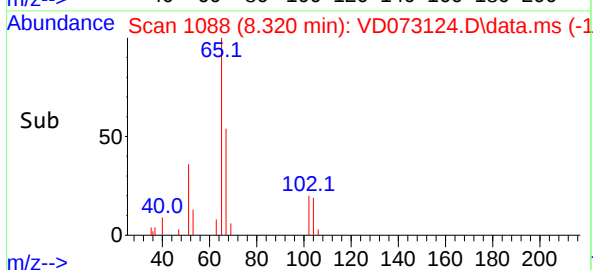
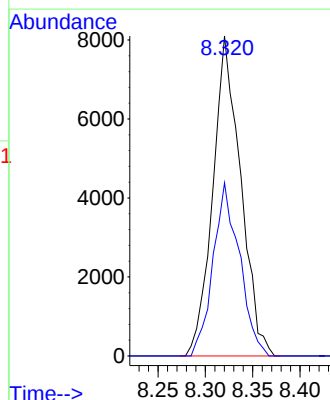
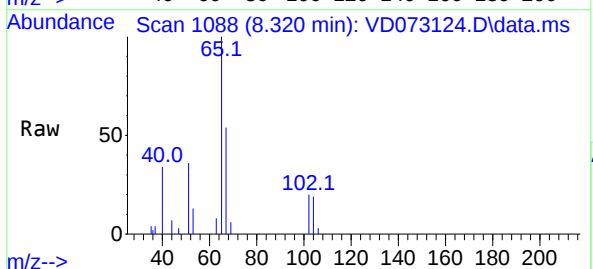
Acq: 19 May 2022 04:41

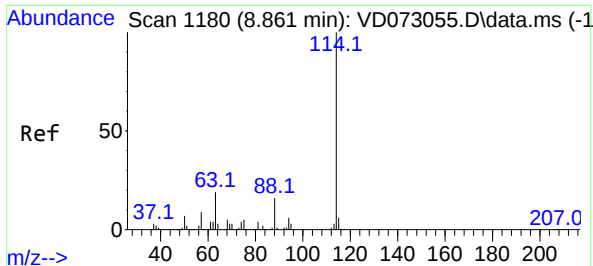
Tgt Ion: 65 Resp: 16550

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073124.D

Acq: 19 May 2022 04:41

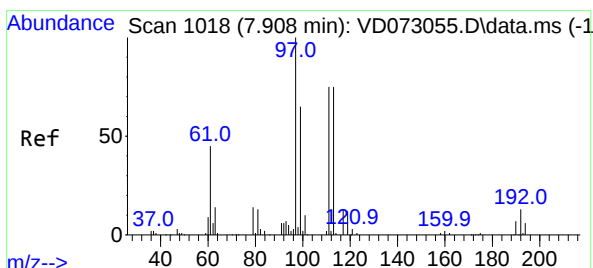
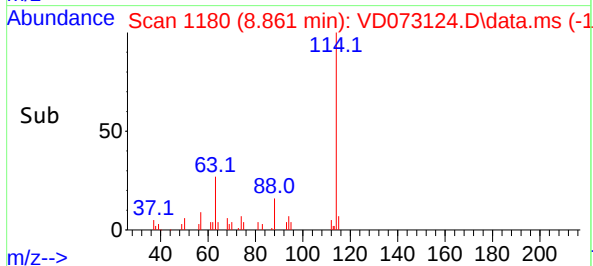
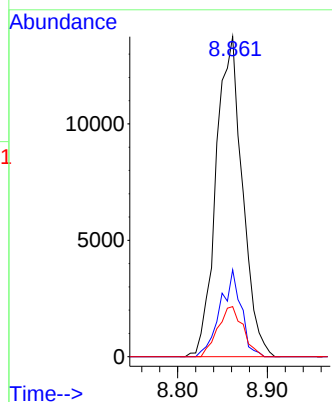
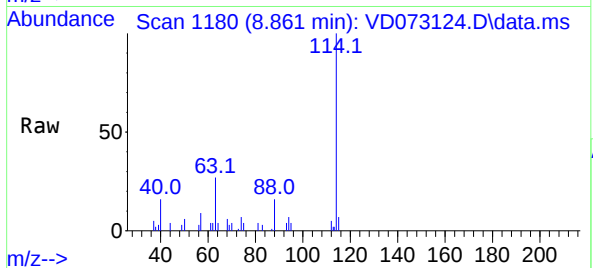
Instrument :

MSVOA_D

ClientSampleId :

SU-02-051722

Tgt Ion:	114	Resp:	28011
Ion	Ratio	Lower	Upper
114	100		
63	27.2	0.0	46.6
88	15.6	0.0	33.2



#35

Dibromofluoromethane

Concen: 73.398 ug/l

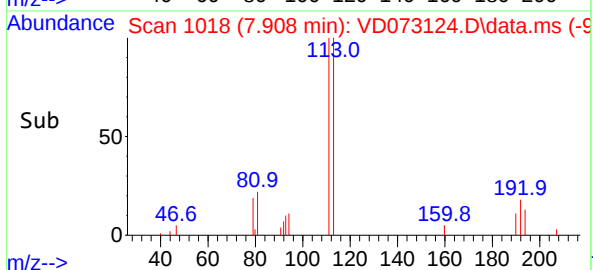
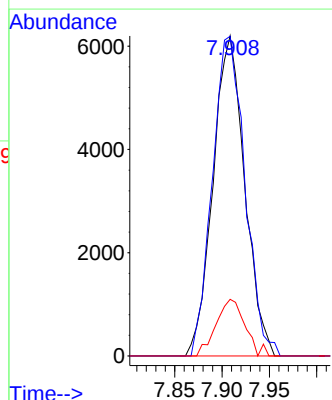
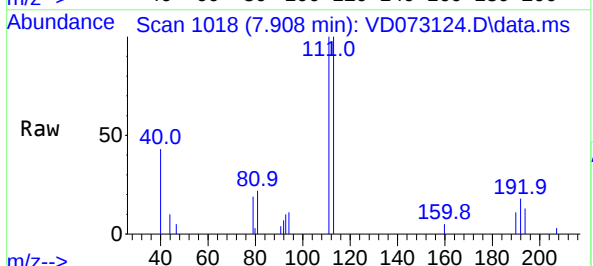
RT: 7.908 min Scan# 1018

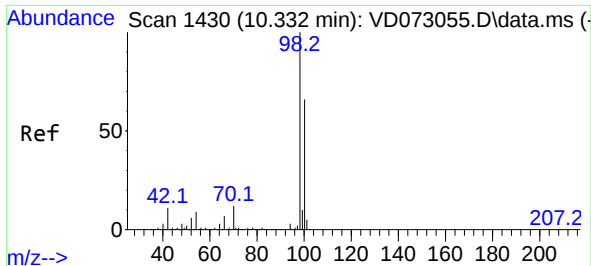
Delta R.T. 0.000 min

Lab File: VD073124.D

Acq: 19 May 2022 04:41

Tgt Ion:	113	Resp:	14435
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	16.2	14.6	21.8

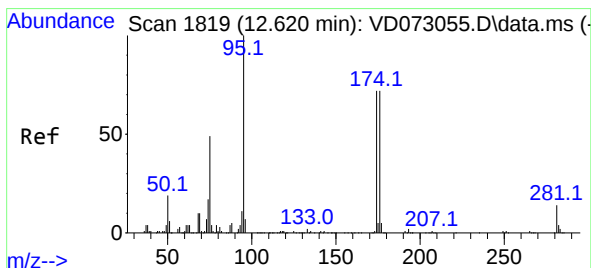
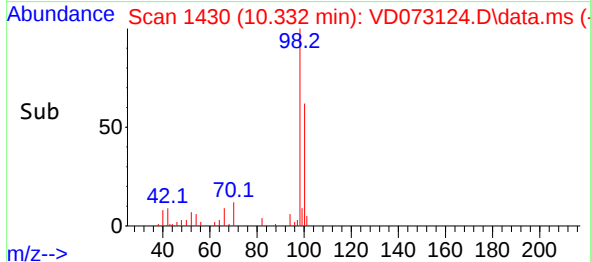
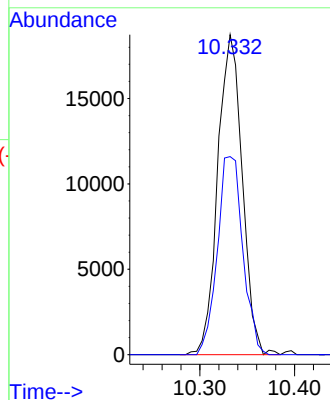
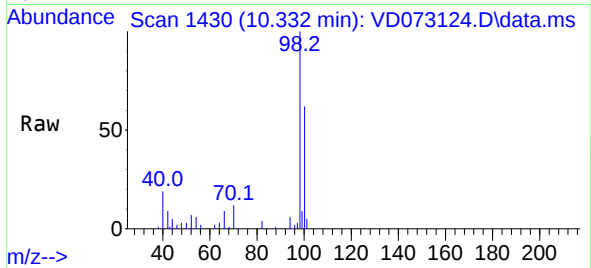




#50
Toluene-d8
Concen: 47.264 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

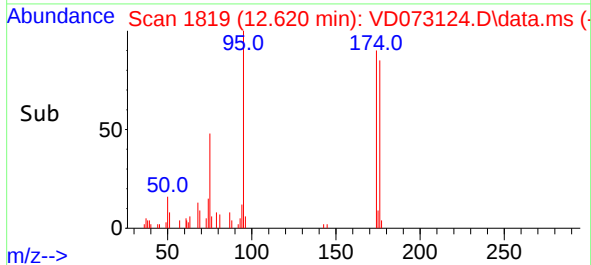
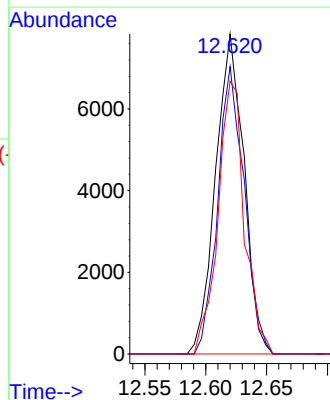
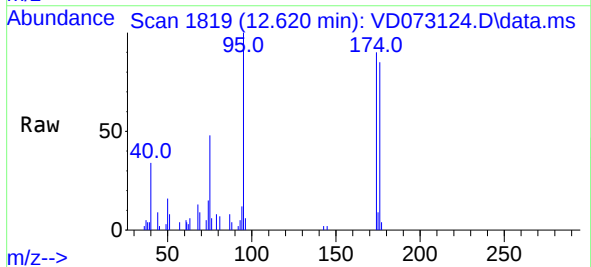
Instrument :
MSVOA_D
ClientSampleId :
SU-02-051722

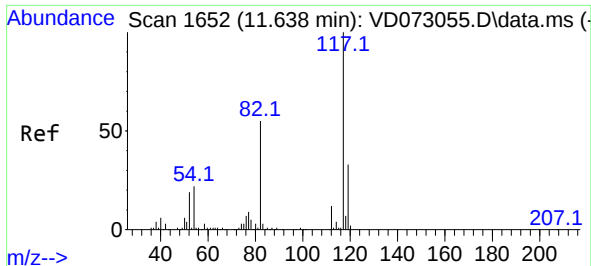
Tgt Ion: 98 Resp: 33722
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.990 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Tgt Ion: 95 Resp: 12660
Ion Ratio Lower Upper
95 100
174 84.5 0.0 152.8
176 79.9 0.0 145.4

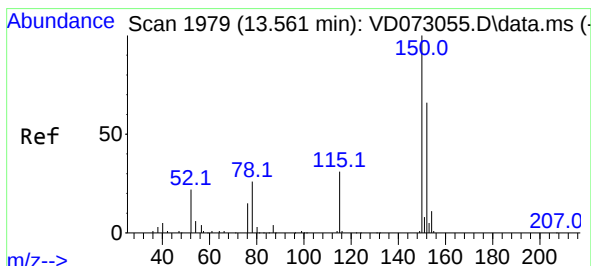
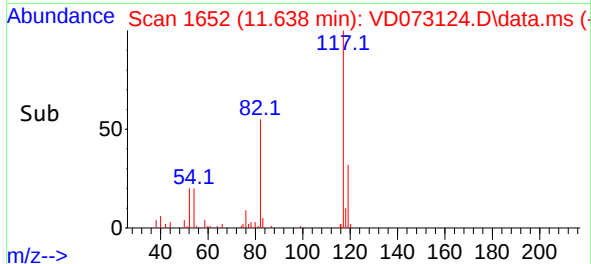
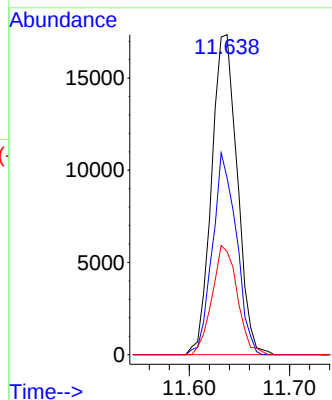
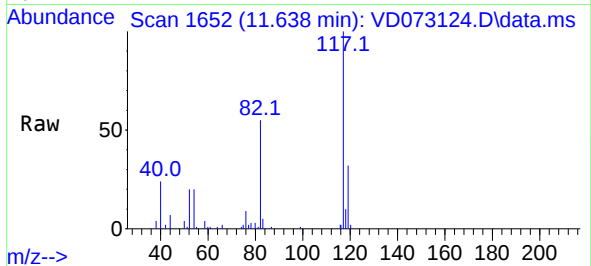




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Instrument :
MSVOA_D
ClientSampleId :
SU-02-051722

Tgt Ion:	117	Resp:	30875
Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.3	67.9
119	32.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073124.D
Acq: 19 May 2022 04:41

Tgt Ion:	152	Resp:	14882
Ion	Ratio	Lower	Upper
152	100		
115	53.5	31.3	93.8
150	150.0	0.0	348.6

