

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070642.D
 Acq On : 08 Oct 2021 16:47
 Operator : VA/SY
 Sample : M4129-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-100721

Quant Time: Oct 08 18:12:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	21847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	36672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	37069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	18845	73.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.600%
35) Dibromofluoromethane	7.914	113	13378	54.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.740%
50) Toluene-d8	10.332	98	45914	49.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.626	95	14048	45.095	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.180%

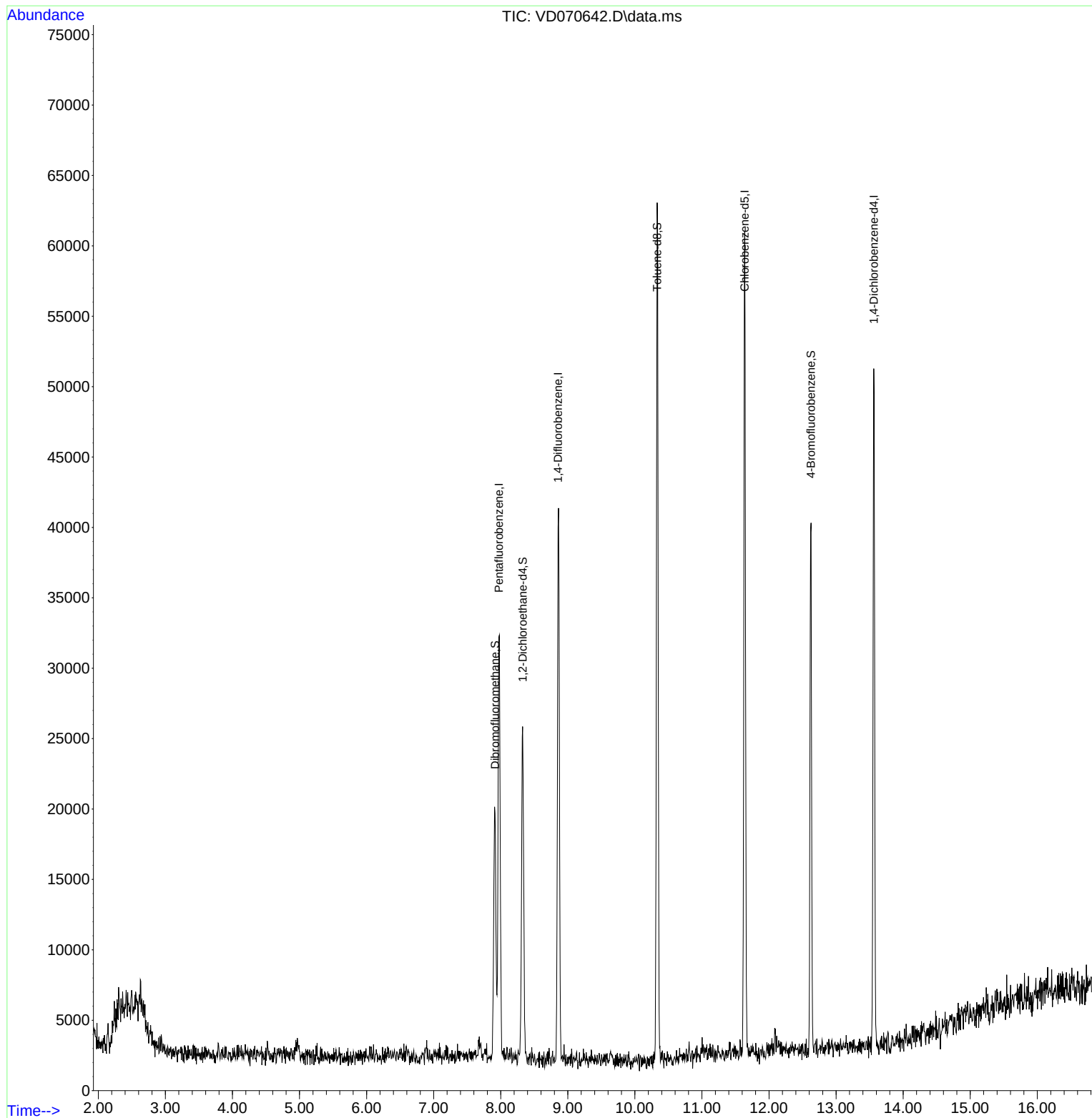
Target Compounds	Qvalue

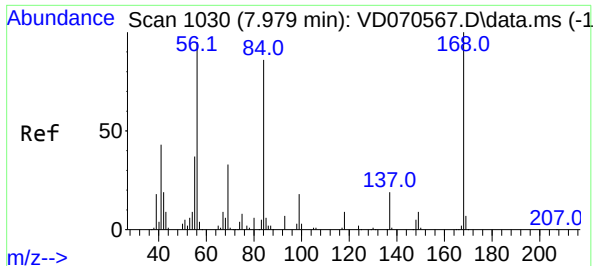
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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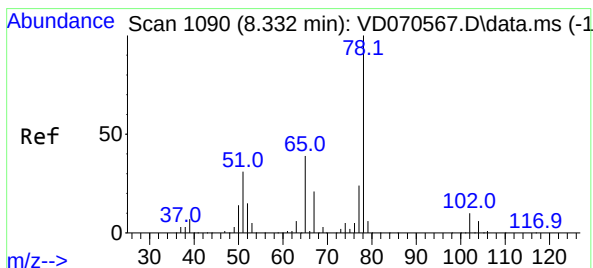
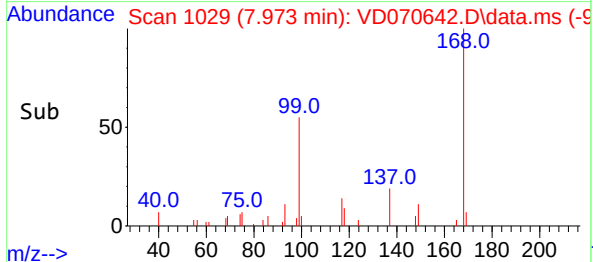
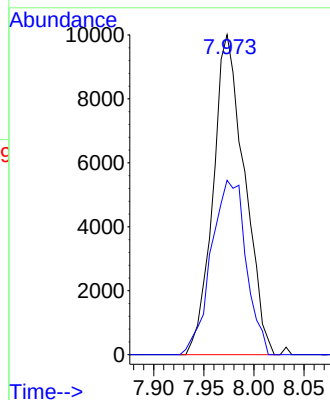
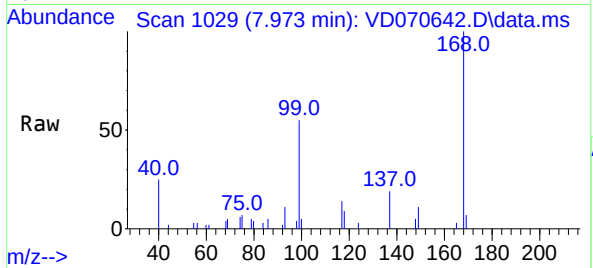




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD070642.D
 Acq: 08 Oct 2021 16:47

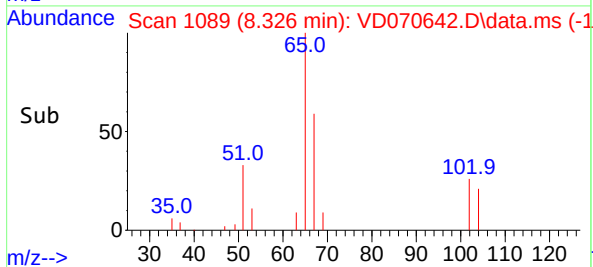
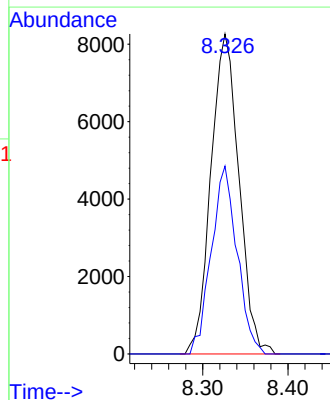
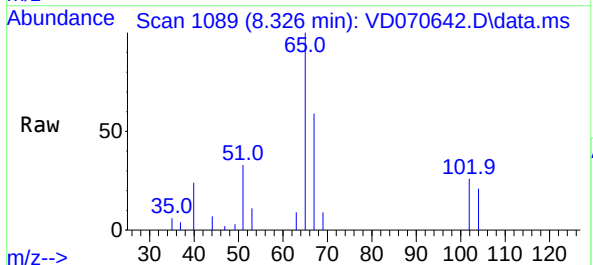
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-100721

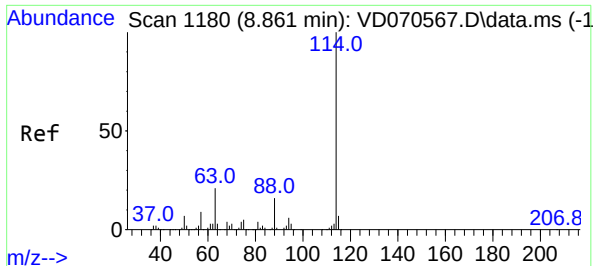
Tgt Ion:168 Resp: 21847
 Ion Ratio Lower Upper
 168 100
 99 54.5 51.4 77.0



1,2-Dichloroethane-d4
 Concen: 73.296 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD070642.D
 Acq: 08 Oct 2021 16:47

Tgt Ion: 65 Resp: 18845
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.2



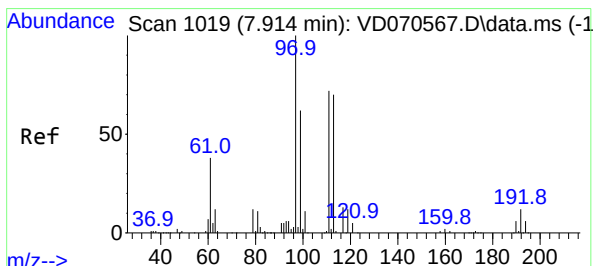
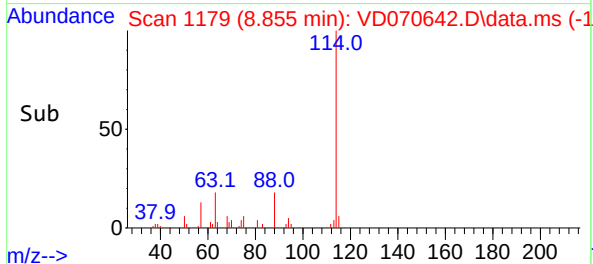
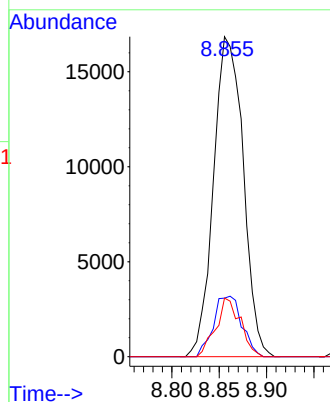
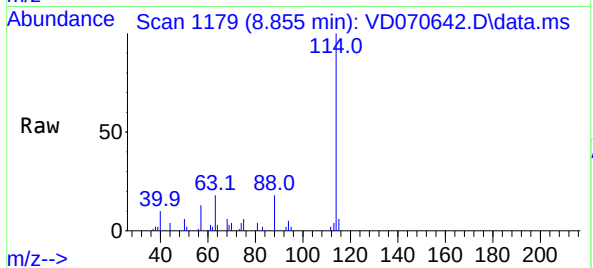


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
OK-02-100721

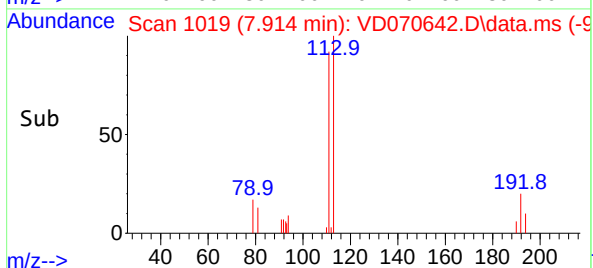
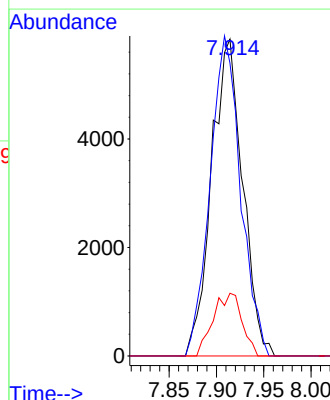
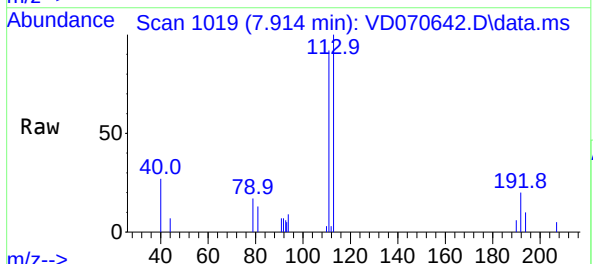
Tgt Ion:	114	Resp:	36672
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	41.8
88	18.3	0.0	32.6

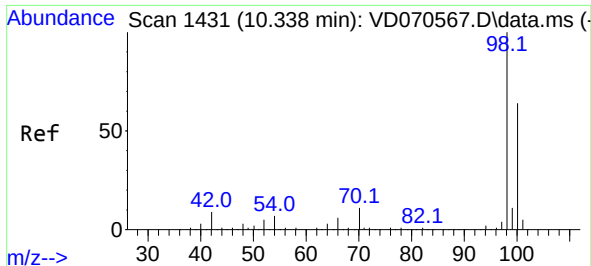


#35

Dibromofluoromethane
Concen: 54.869 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Tgt Ion:	113	Resp:	13378
Ion	Ratio	Lower	Upper
113	100		
111	98.9	83.1	124.7
192	18.2	12.7	19.1

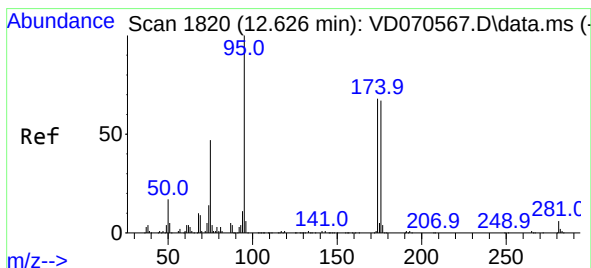
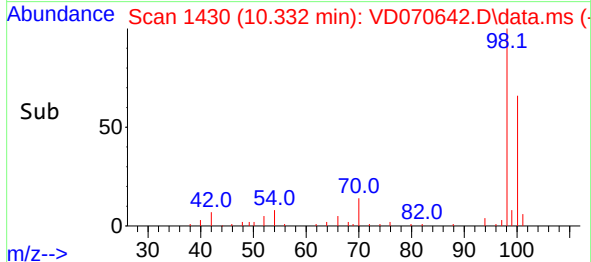
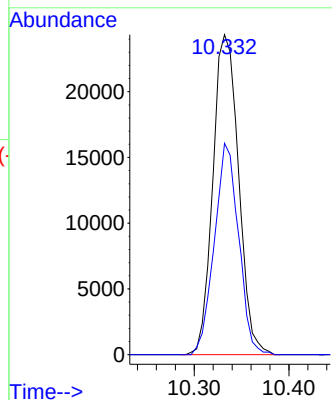
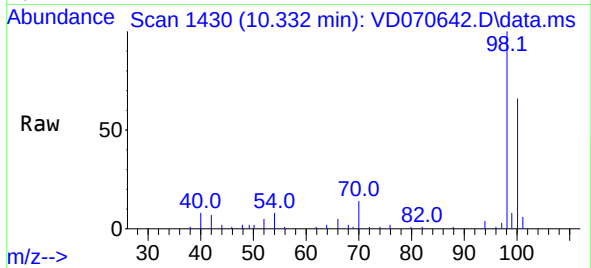




#50
Toluene-d8
Concen: 49.260 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

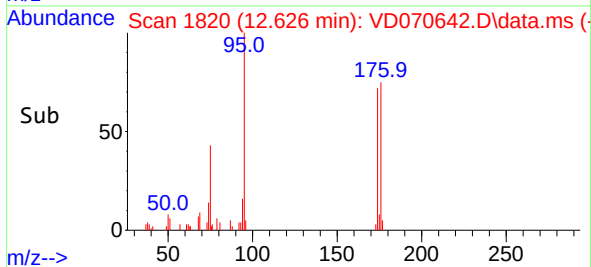
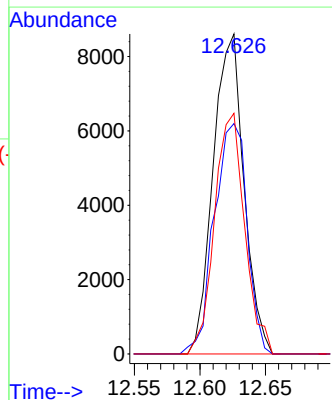
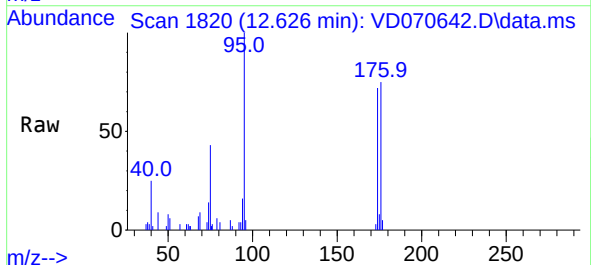
Instrument :
MSVOA_D
ClientSampled :
OK-02-100721

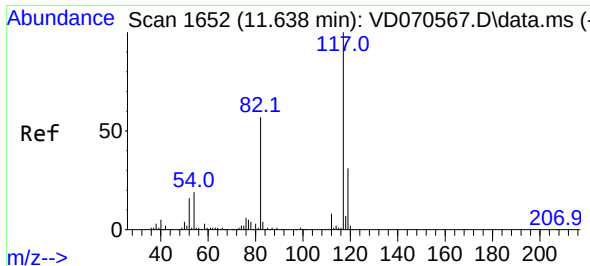
Tgt Ion: 98 Resp: 45914
Ion Ratio Lower Upper
98 100
100 62.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.095 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Tgt Ion: 95 Resp: 14048
Ion Ratio Lower Upper
95 100
174 76.7 0.0 138.0
176 73.7 0.0 135.6

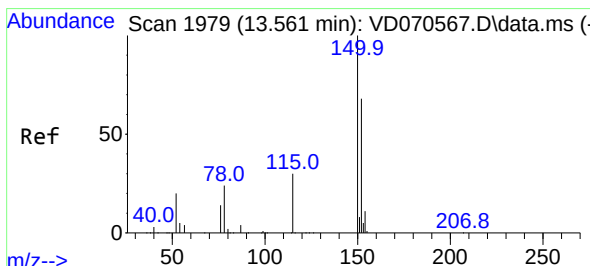
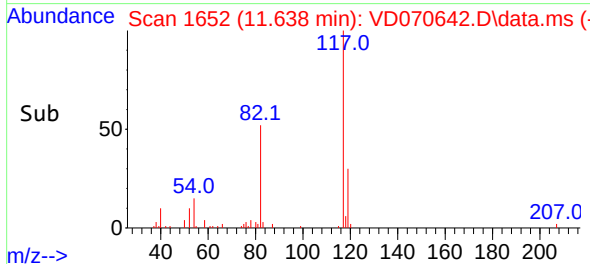
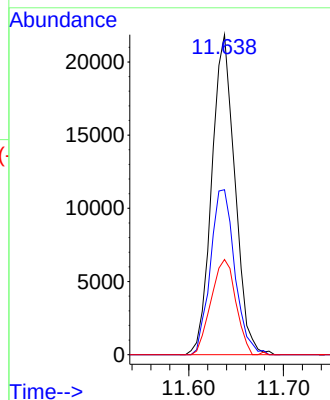
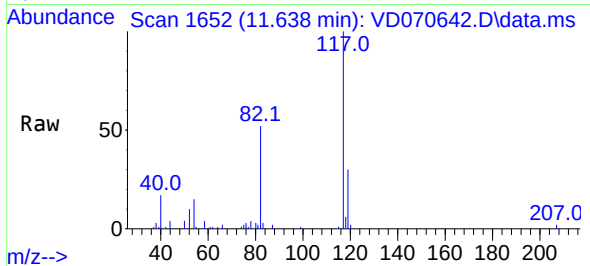




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
OK-02-100721

Tgt Ion:	117	Resp:	37069
Ion	Ratio	Lower	Upper
117	100		
82	51.6	45.4	68.2
119	29.8	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Tgt Ion:	152	Resp:	13839
Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.9	95.7
150	156.4	0.0	350.0

