

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071825.D
 Acq On : 28 Jan 2022 15:46
 Operator : VA/SY
 Sample : N1312-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-012722

Quant Time: Jan 29 04:51:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	1831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	2719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	2541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	66	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	1212	52.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.740%
35) Dibromofluoromethane	7.903	113	686	38.382	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.760%
50) Toluene-d8	10.332	98	4014	60.136	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.280%
62) 4-Bromofluorobenzene	12.626	95	789	33.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.700%

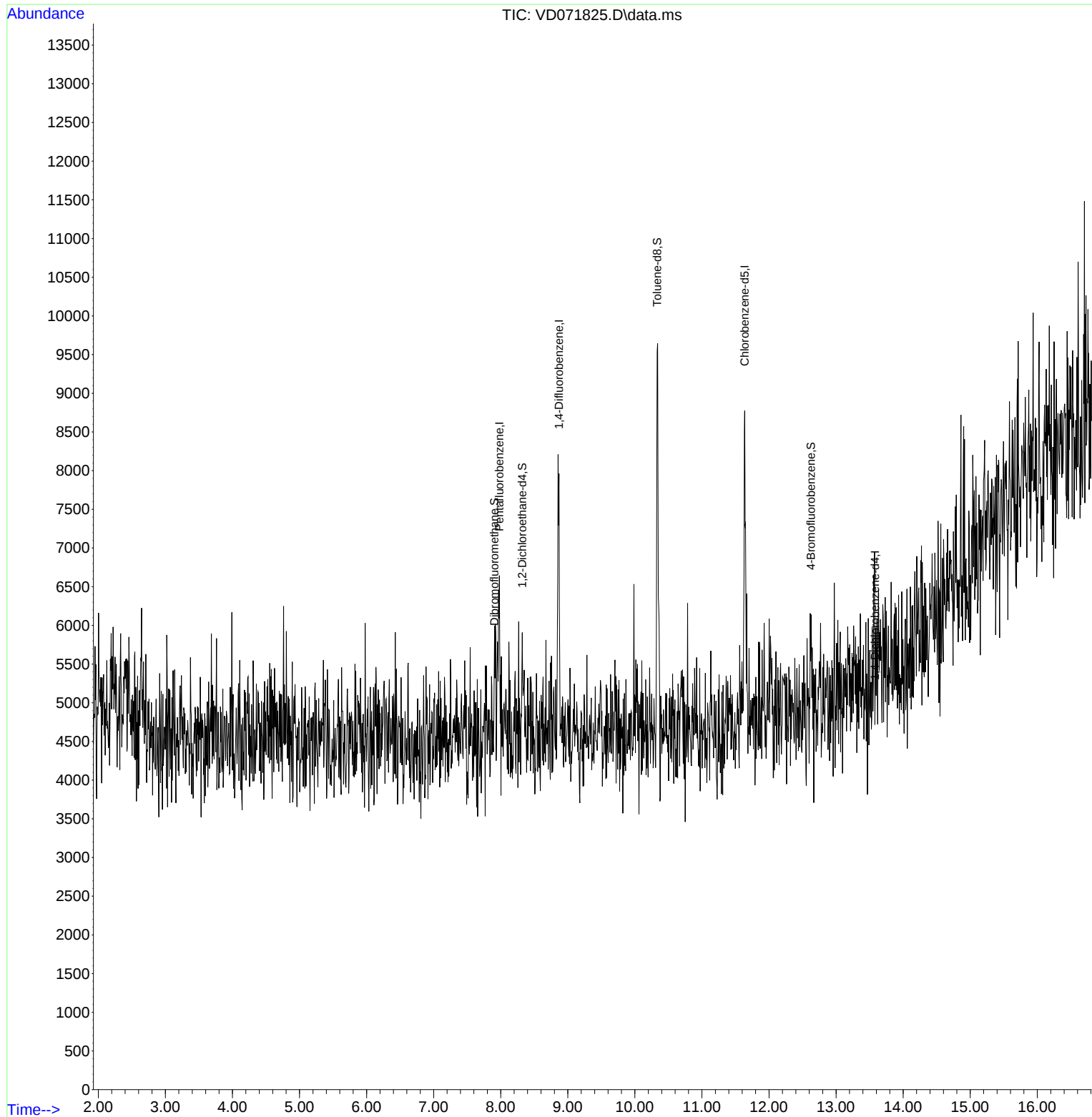
Target Compounds	Qvalue

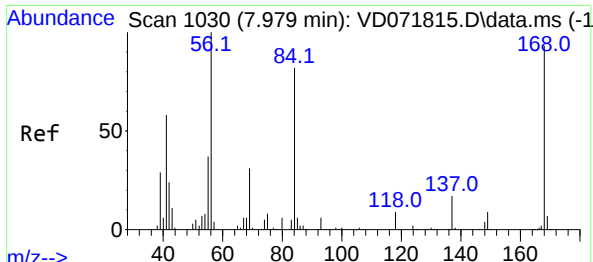
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071825.D

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MSVOA_D

ClientSampleId :

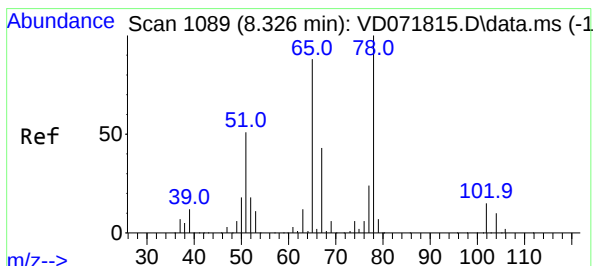
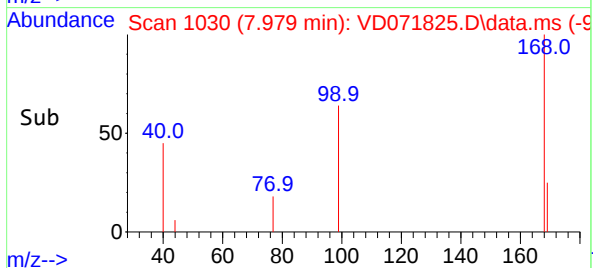
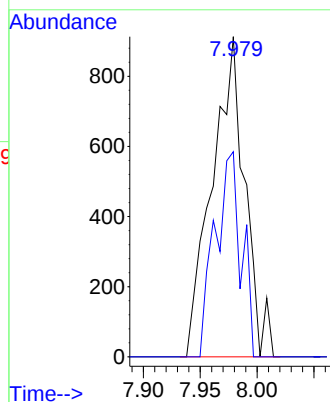
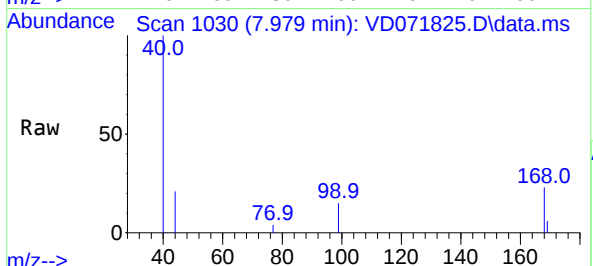
OR-03-012722

Tgt Ion:168 Resp: 1831

Ion Ratio Lower Upper

168 100

99 64.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 52.370 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD071825.D

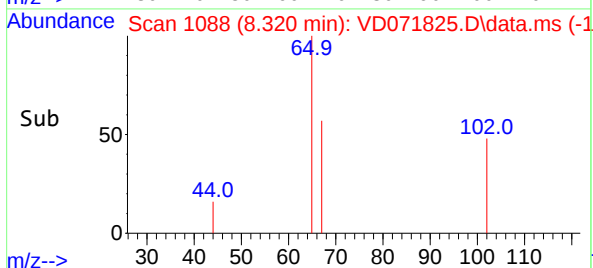
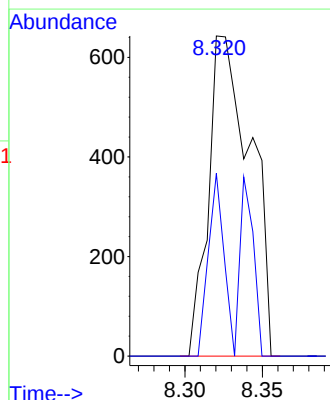
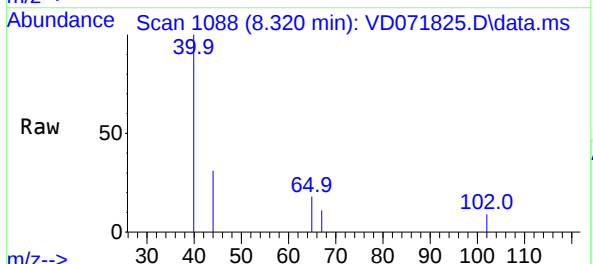
Acq: 28 Jan 2022 15:46

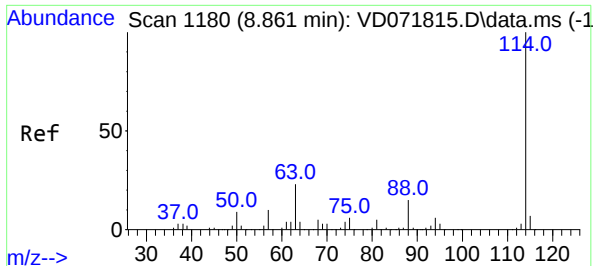
Tgt Ion: 65 Resp: 1212

Ion Ratio Lower Upper

65 100

67 21.2 0.0 101.4

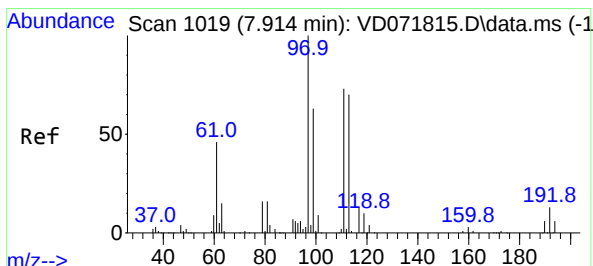
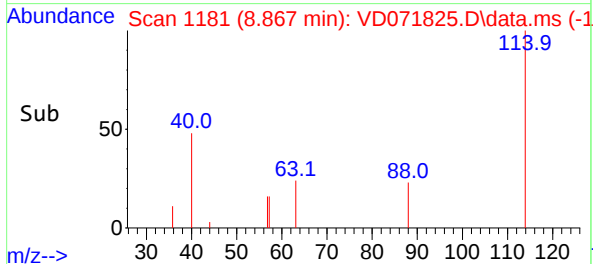
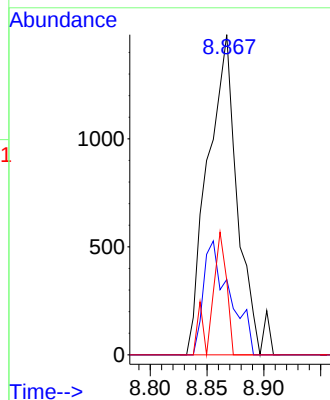
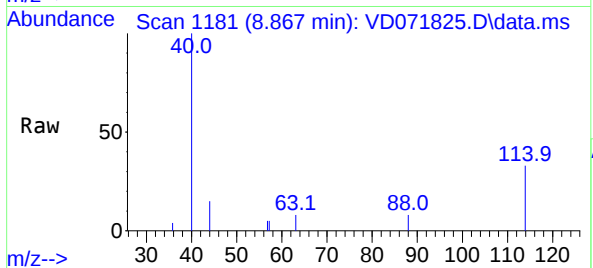




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071825.D
Acq: 28 Jan 2022 15:46

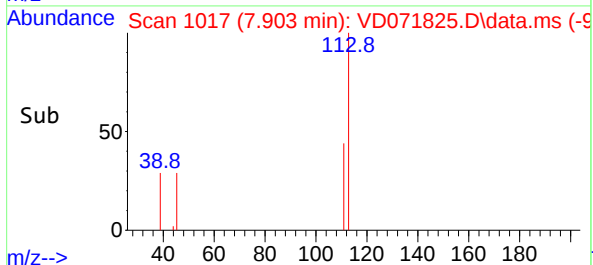
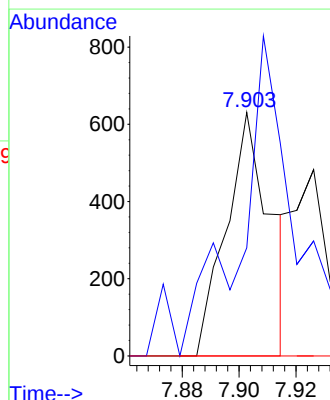
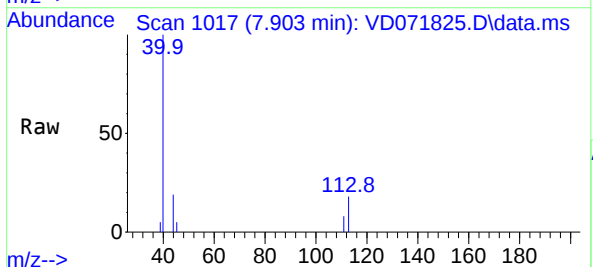
Instrument :
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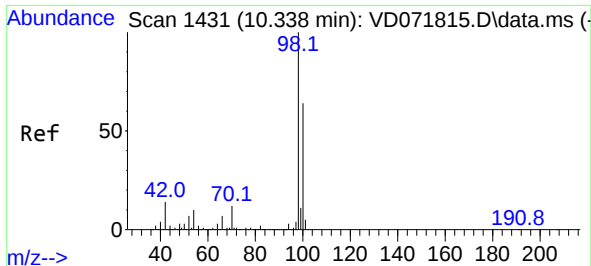
Tgt Ion:114 Resp: 2719
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.6
88 23.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 38.382 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD071825.D
Acq: 28 Jan 2022 15:46

Tgt Ion:113 Resp: 686
Ion Ratio Lower Upper
113 100
111 165.0 83.8 125.6#
192 0.0 14.6 21.8#

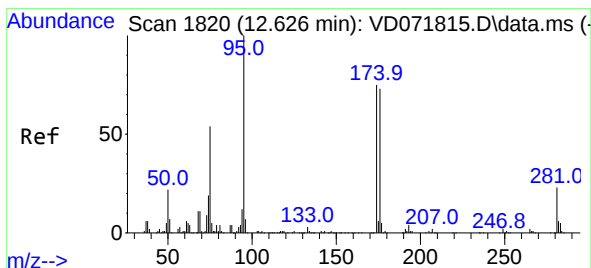
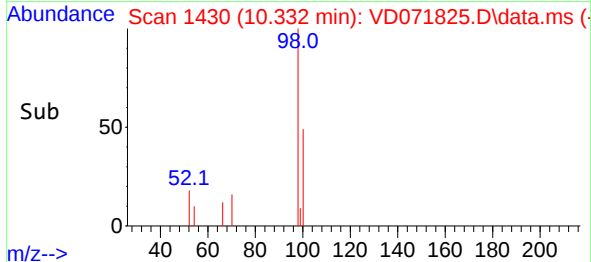
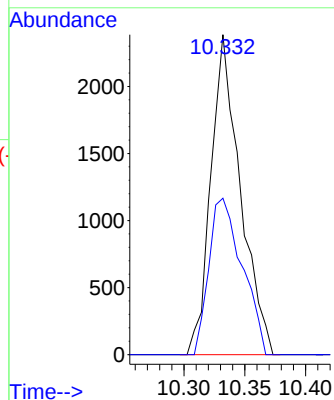
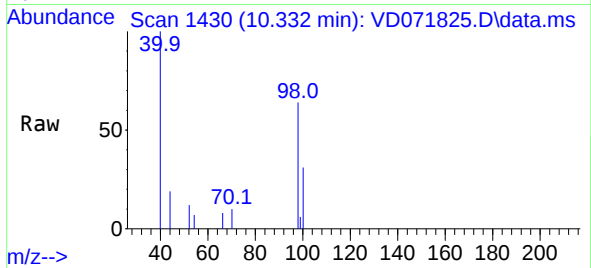




#50
Toluene-d8
Concen: 60.136 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071825.D
Acq: 28 Jan 2022 15:46

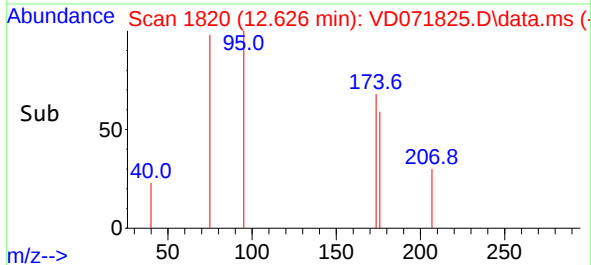
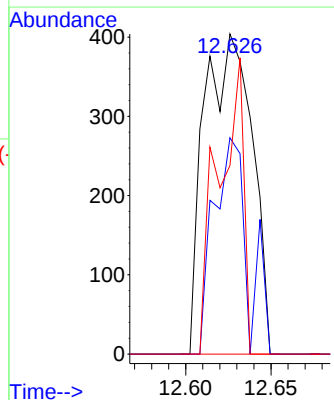
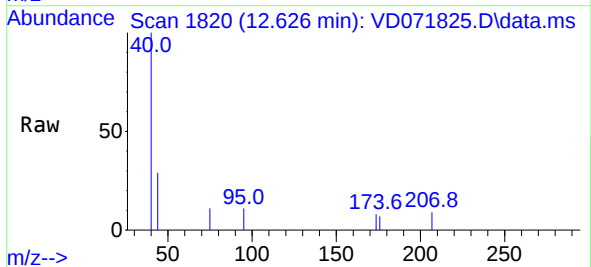
Instrument :
MSVOA_D
ClientSampleId :
OR-03-012722

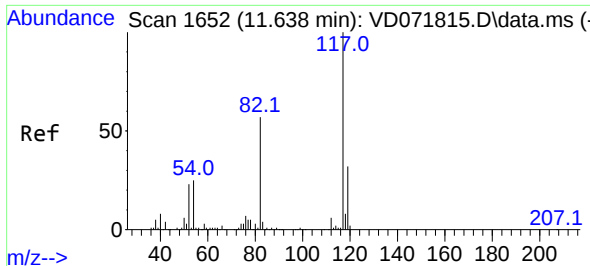
Tgt Ion: 98 Resp: 4014
Ion Ratio Lower Upper
98 100
100 55.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 33.849 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071825.D
Acq: 28 Jan 2022 15:46

Tgt Ion: 95 Resp: 789
Ion Ratio Lower Upper
95 100
174 48.0 0.0 152.8
176 48.4 0.0 145.4

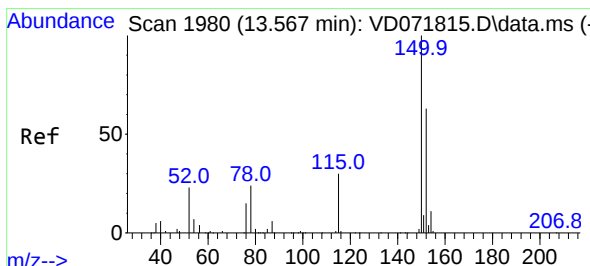
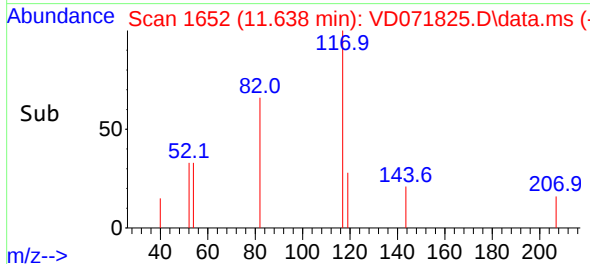
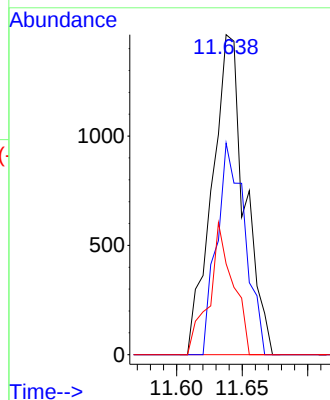
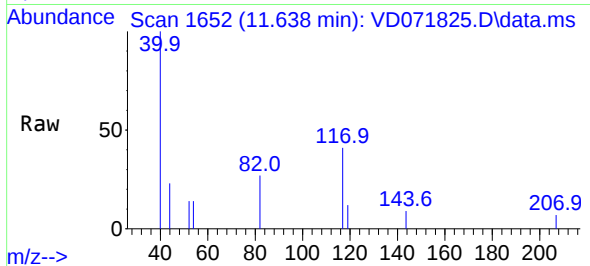




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071825.D
Acq: 28 Jan 2022 15:46

Instrument :
MSVOA_D
ClientSampleId :
OR-03-012722

Tgt Ion:	117	Resp:	2541
Ion	Ratio	Lower	Upper
117	100		
82	66.1	45.3	67.9
119	28.4	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.012 min
Lab File: VD071825.D
Acq: 28 Jan 2022 15:46

Tgt Ion:	152	Resp:	66
Ion	Ratio	Lower	Upper
152	100		
115	0.0	31.3	93.8#
150	687.9	0.0	348.6#

