

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072648.D
 Acq On : 20 Apr 2022 15:40
 Operator : VA/SY
 Sample : N2464-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-041822RE

Quant Time: Apr 21 01:51:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	13144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	23317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	19976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10512	66.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.220%
35) Dibromofluoromethane	7.914	113	9554	52.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.440%
50) Toluene-d8	10.332	98	24842	39.439	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.880%
62) 4-Bromofluorobenzene	12.620	95	8066	32.789	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.580%

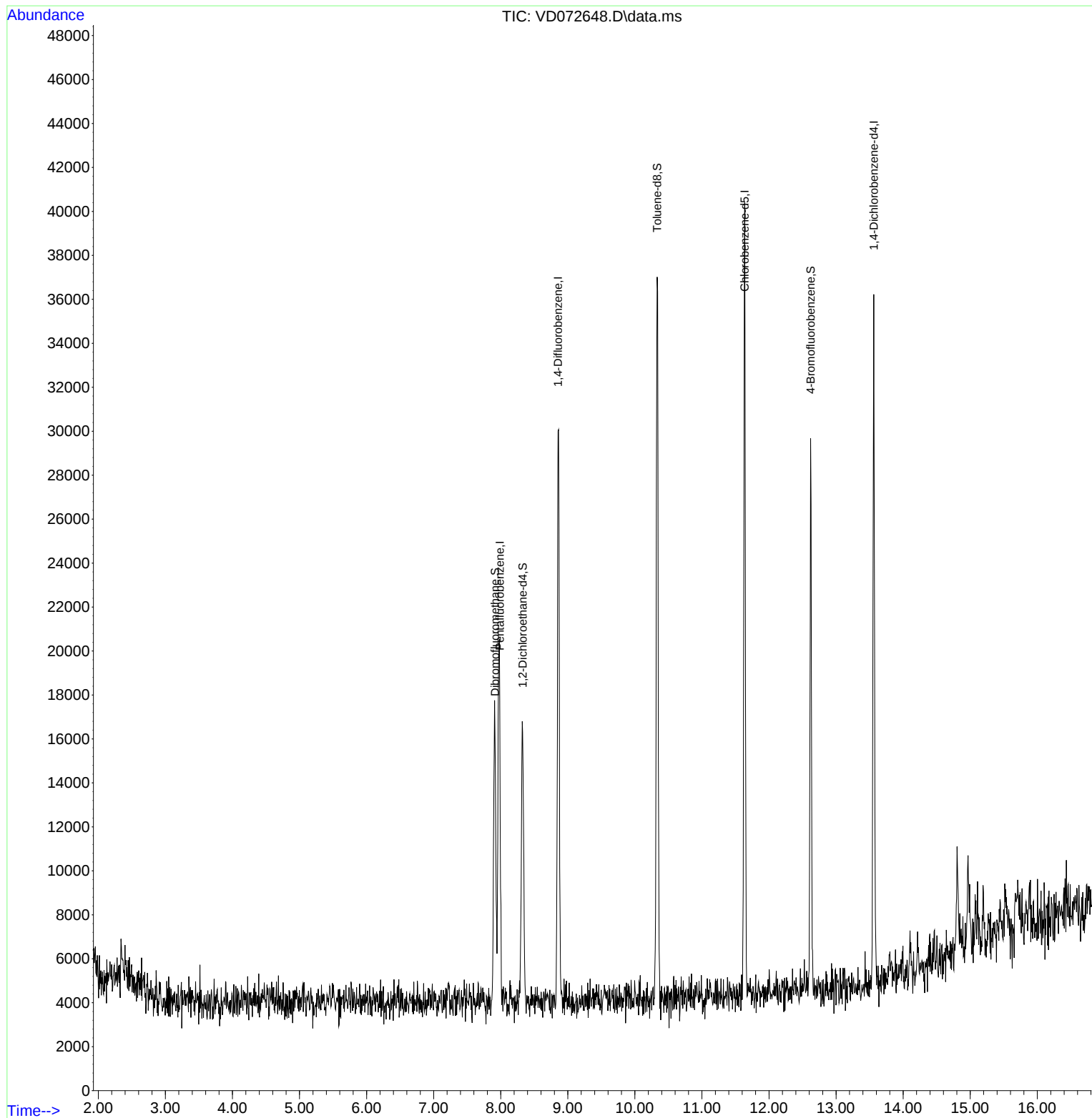
Target Compounds	Qvalue

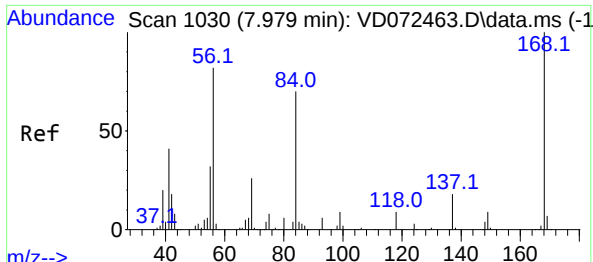
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD072648.D

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Instrument :

MSVOA_D

ClientSampleId :

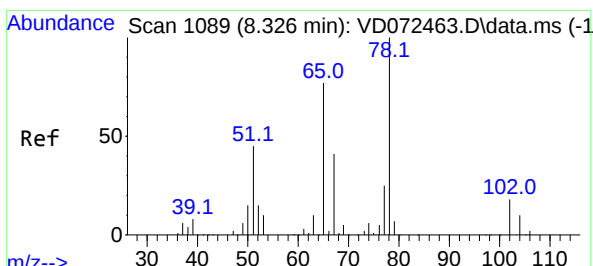
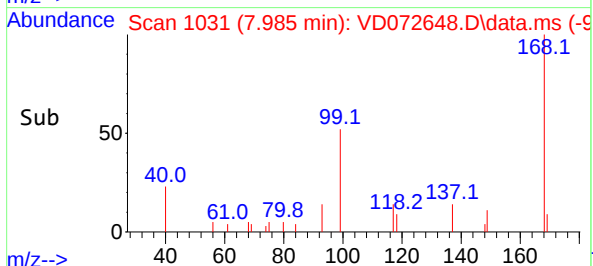
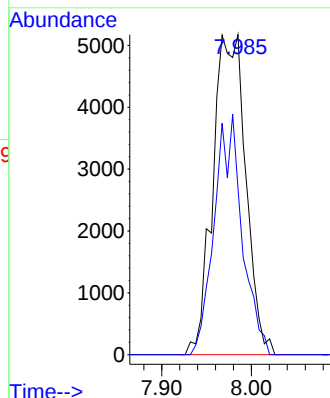
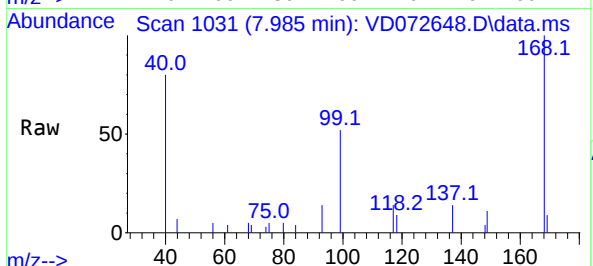
OK-03-041822RE

Tgt Ion:168 Resp: 13144

Ion Ratio Lower Upper

168 100

99 52.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 66.112 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072648.D

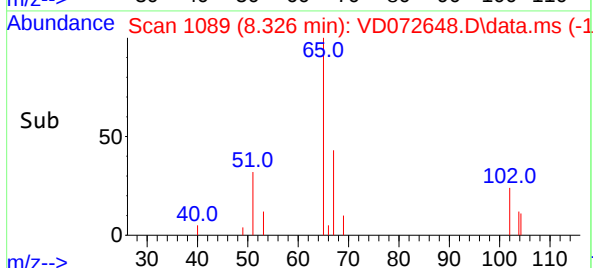
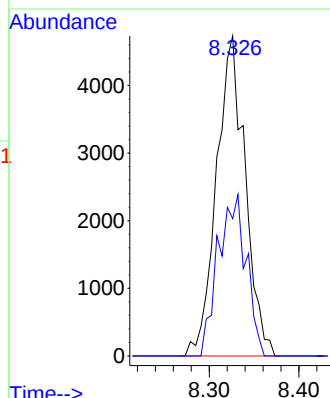
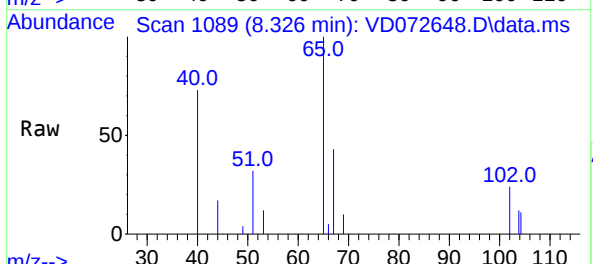
Acq: 20 Apr 2022 15:40

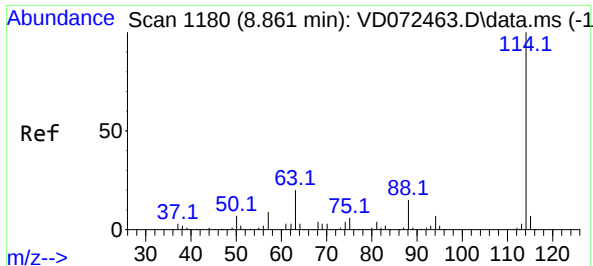
Tgt Ion: 65 Resp: 10512

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.4



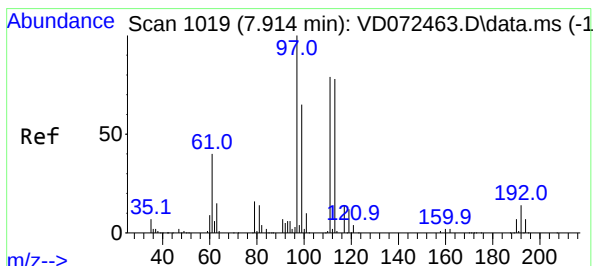
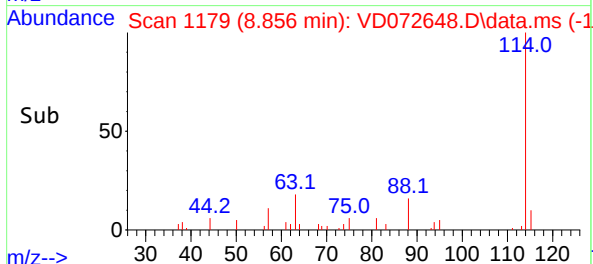
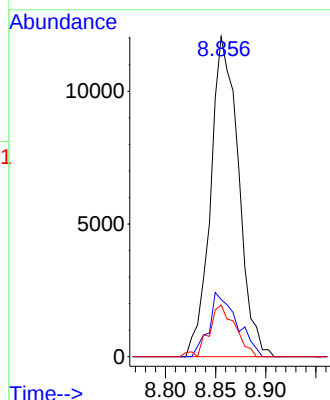
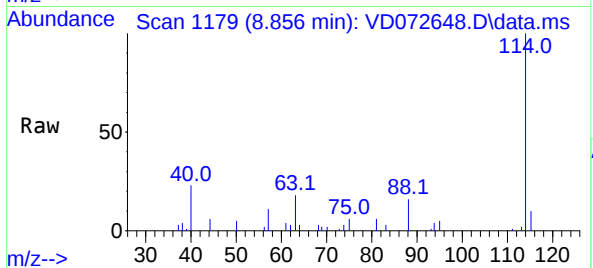


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

Tgt Ion:114 Resp: 23317

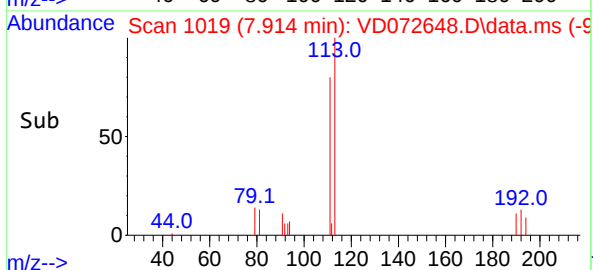
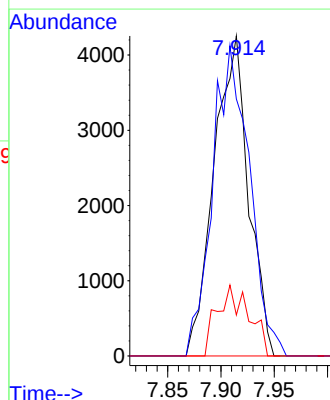
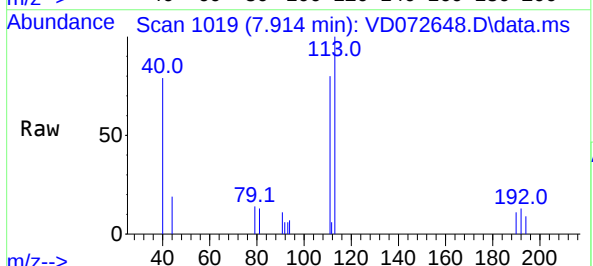
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	46.6
88	16.2	0.0	33.2



#35
Dibromofluoromethane
Concen: 52.724 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Tgt Ion:113 Resp: 9554

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.8	125.6
192	20.3	14.6	21.8

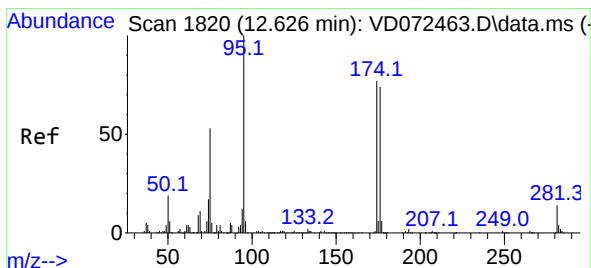
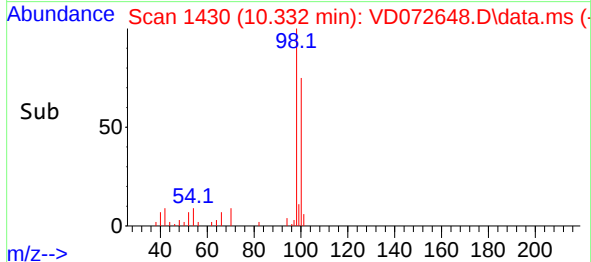
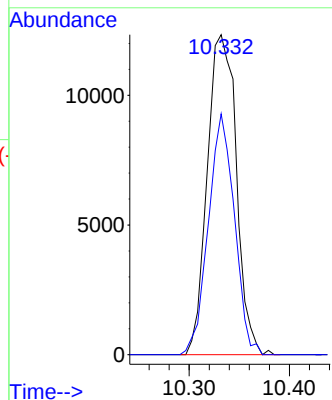
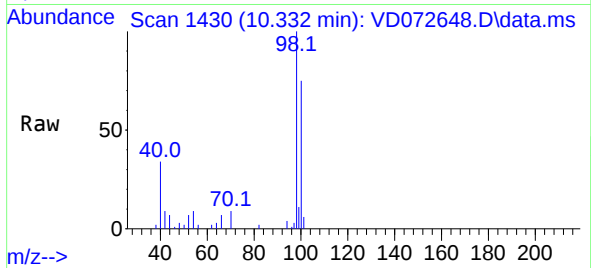




#50
Toluene-d8
Concen: 39.439 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

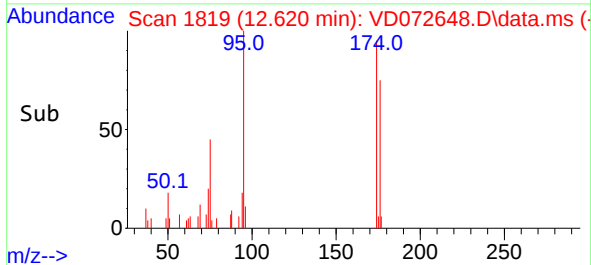
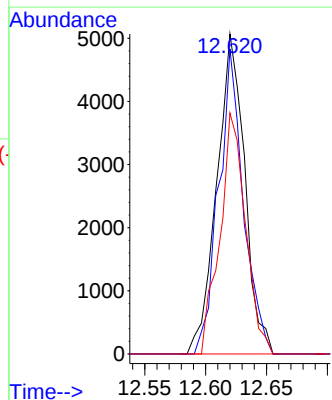
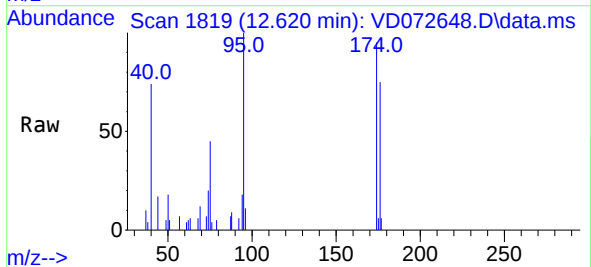
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

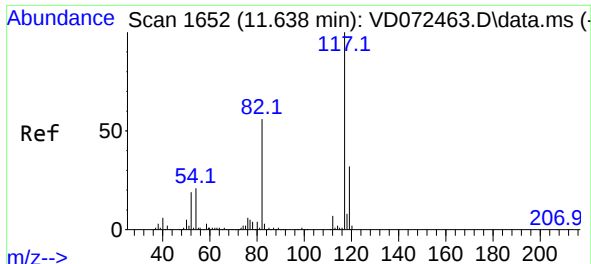
Tgt Ion: 98 Resp: 24842
Ion Ratio Lower Upper
98 100
100 67.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 32.789 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Tgt Ion: 95 Resp: 8066
Ion Ratio Lower Upper
95 100
174 84.8 0.0 152.8
176 69.1 0.0 145.4

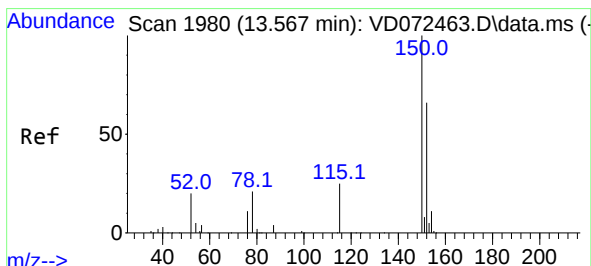
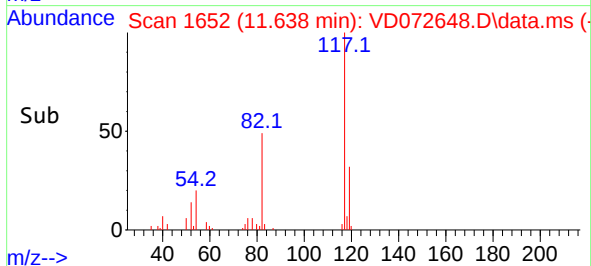
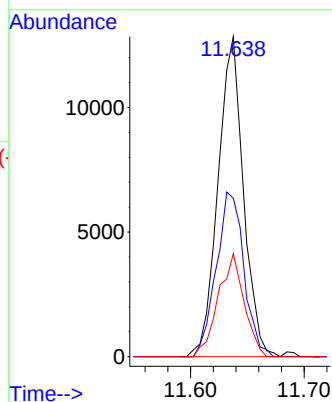
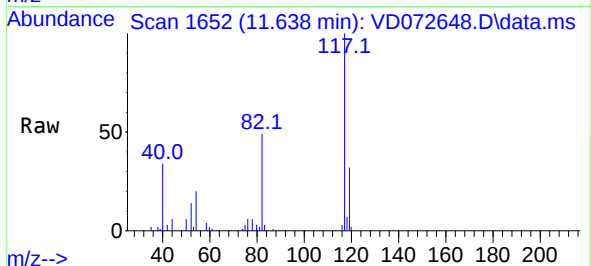




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822RE

Tgt Ion:	117	Resp:	19976
Ion Ratio	Lower	Upper	
117	100		
82	49.5	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. -0.006 min
Lab File: VD072648.D
Acq: 20 Apr 2022 15:40

Tgt Ion:	152	Resp:	8109
Ion Ratio	Lower	Upper	
152	100		
115	69.0	31.3	93.8
150	150.6	0.0	348.6

