

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071995.D
 Acq On : 16 Feb 2022 16:54
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Feb 17 00:49:59 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	398284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	720294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	718656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	315419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241391	47.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.900%
35) Dibromofluoromethane	7.914	113	227427	48.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.332	98	929833	52.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.160%
62) 4-Bromofluorobenzene	12.620	95	325640	52.736	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.480%

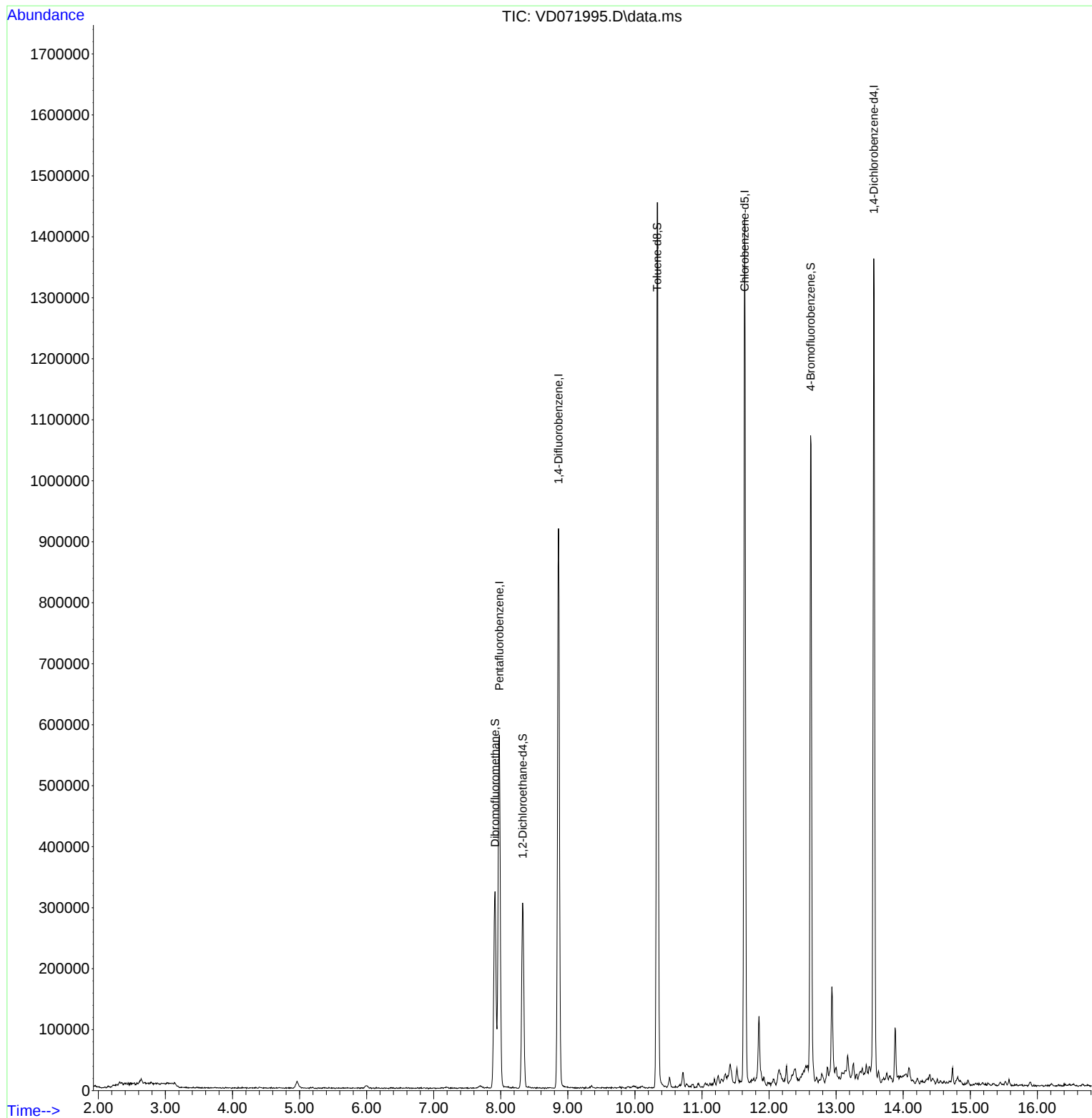
Target Compounds	Qvalue

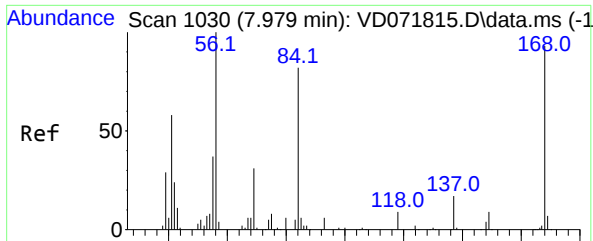
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071995.D

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Instrument :

MSVOA_D

ClientSampleId :

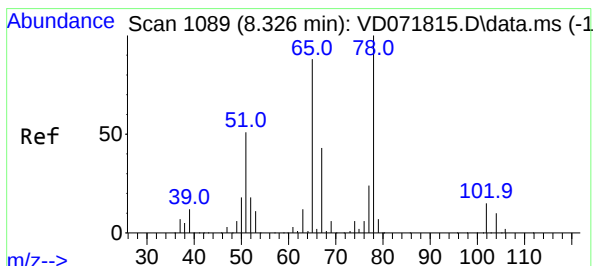
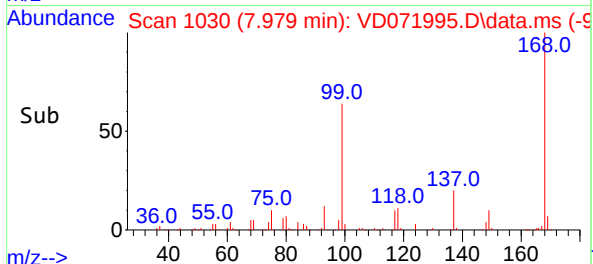
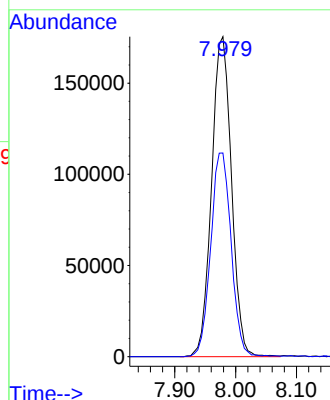
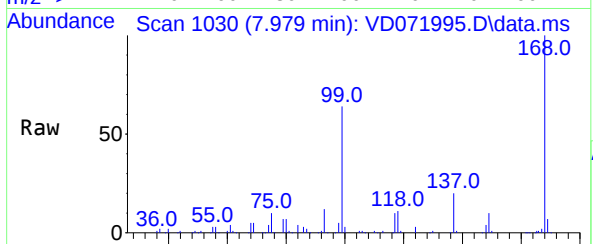
VIBLK

Tgt Ion:168 Resp: 398284

Ion Ratio Lower Upper

168 100

99 63.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 47.951 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071995.D

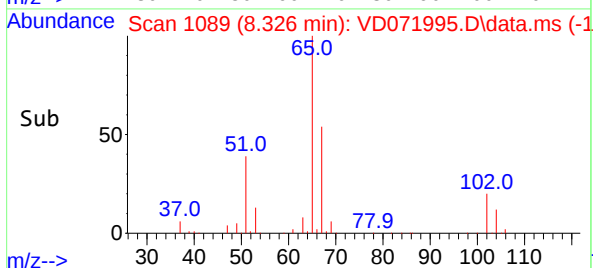
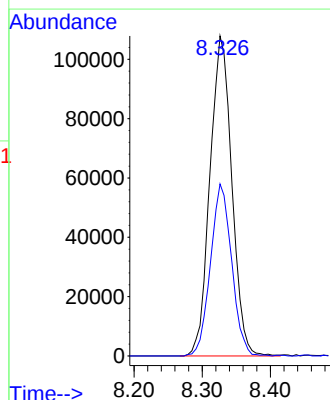
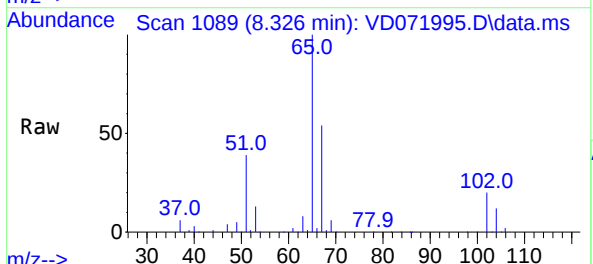
Acq: 16 Feb 2022 16:54

Tgt Ion: 65 Resp: 241391

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.4

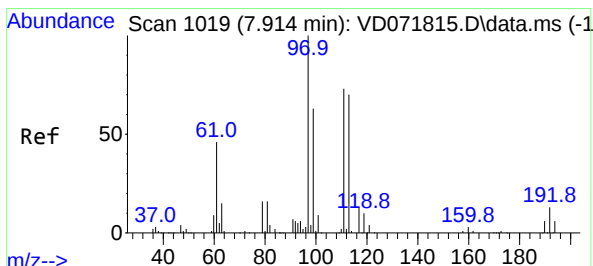
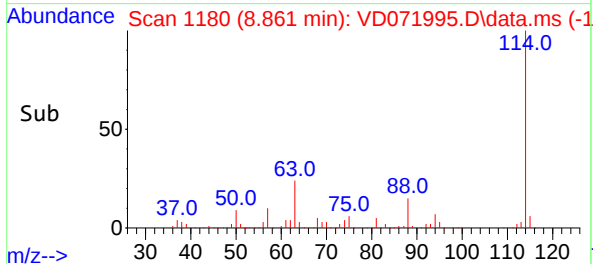
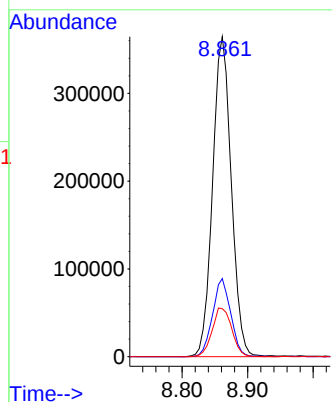
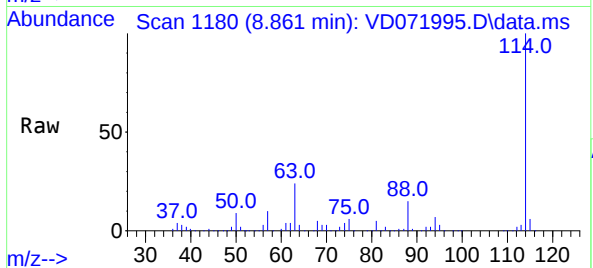




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

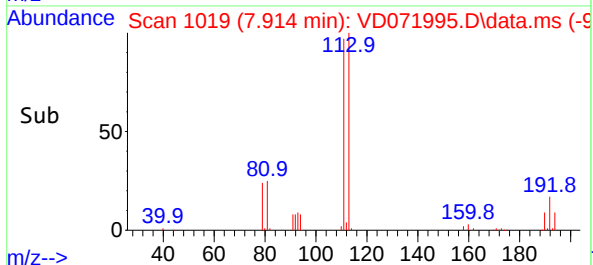
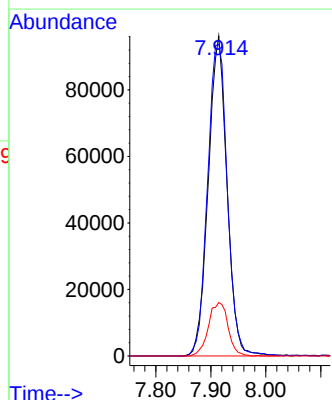
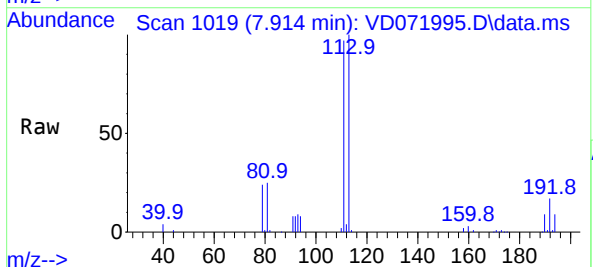
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

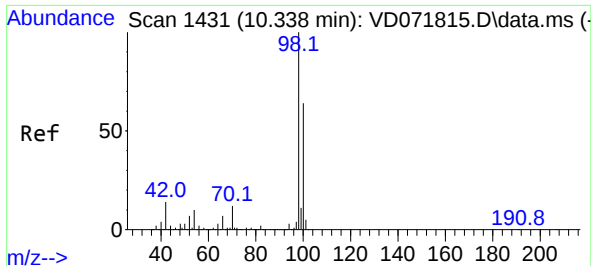
Tgt Ion:114 Resp: 720294
Ion Ratio Lower Upper
114 100
63 24.4 0.0 46.6
88 15.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.034 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Tgt Ion:113 Resp: 227427
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.5 14.6 21.8

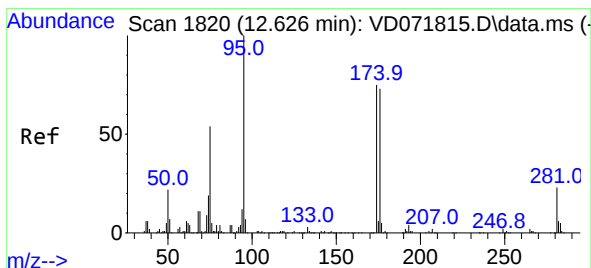
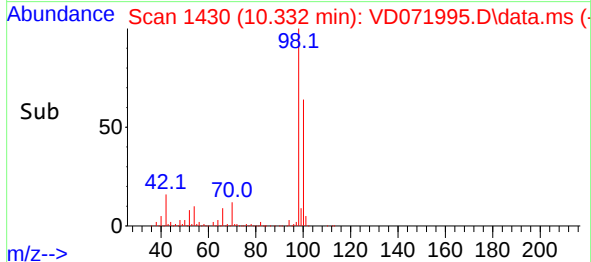
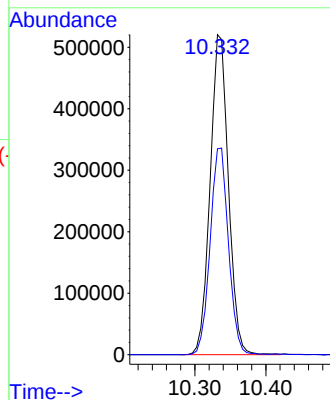
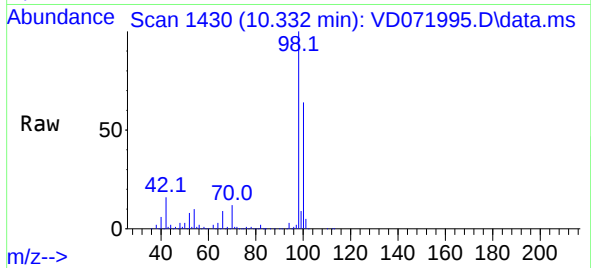




#50
Toluene-d8
Concen: 52.585 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

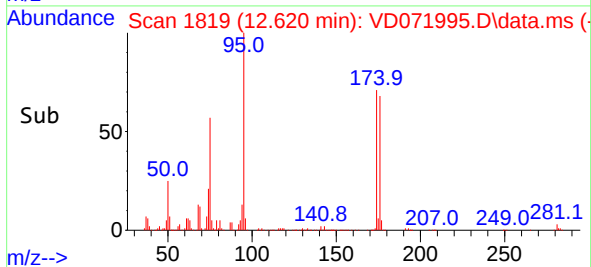
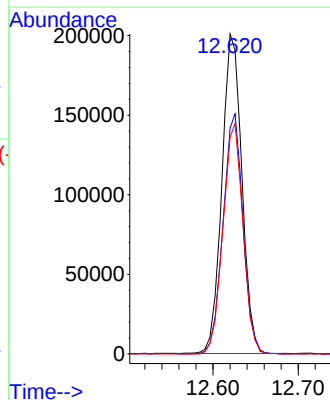
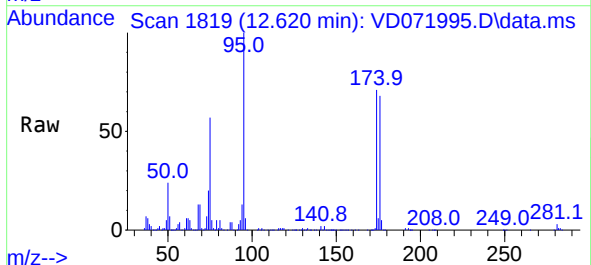
Instrument :
MSVOA_D
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VIBLK

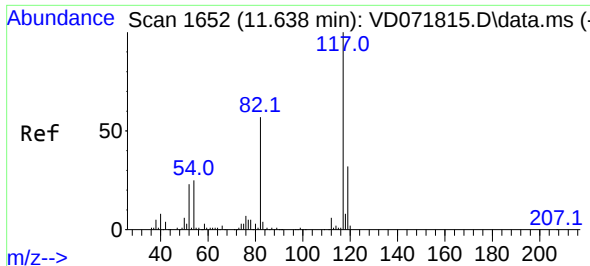
Tgt Ion: 98 Resp: 929833
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.736 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Tgt Ion: 95 Resp: 325640
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 72.3 0.0 145.4

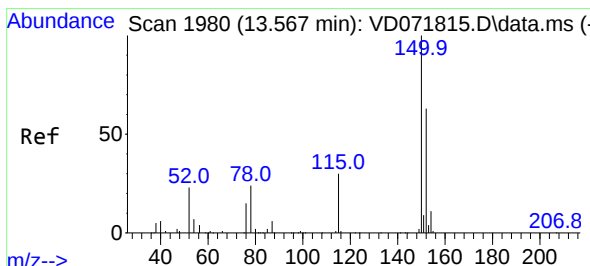
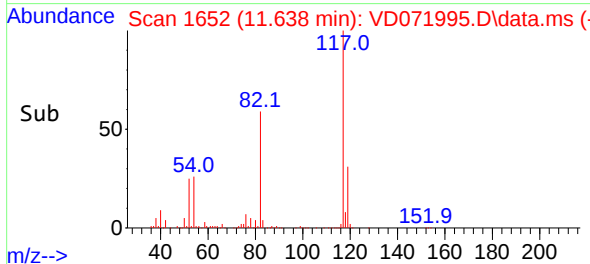
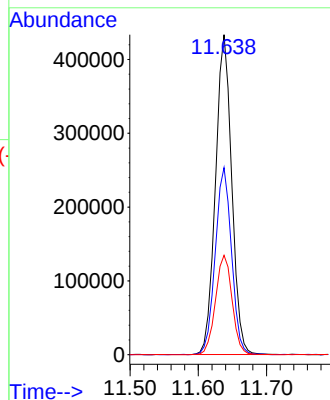
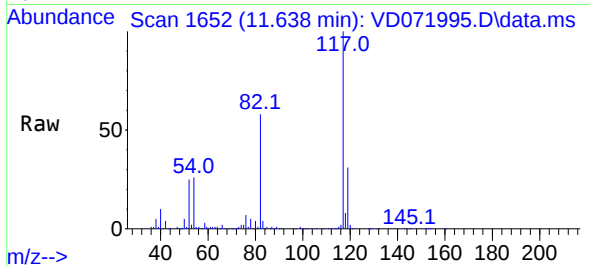




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071995.D
Acq: 16 Feb 2022 16:54

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 718656
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 31.1 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: VD071995.D
Acq: 16 Feb 2022 16:54

Tgt Ion:152 Resp: 315419
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.8
150 159.2 0.0 348.6

