

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071901.D
 Acq On : 04 Feb 2022 16:24
 Operator : VA/SY
 Sample : N1401-01
 Misc : 4.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124035

Quant Time: Feb 07 04:20:42 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	412453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	764091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	714286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	314812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267461	51.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.600%
35) Dibromofluoromethane	7.908	113	250307	49.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.338	98	966641	51.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.626	95	306350	46.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.540%

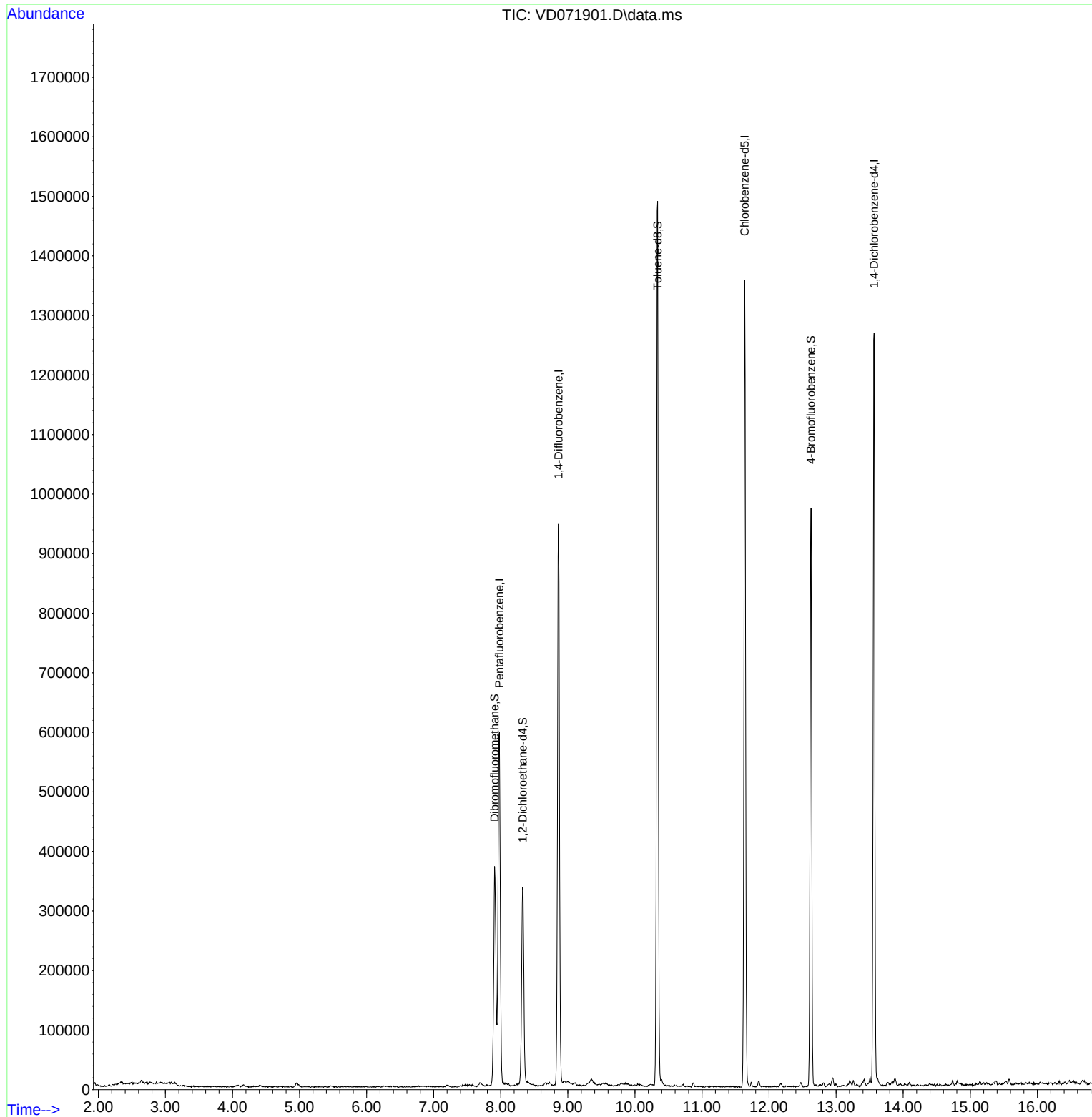
Target Compounds	Qvalue

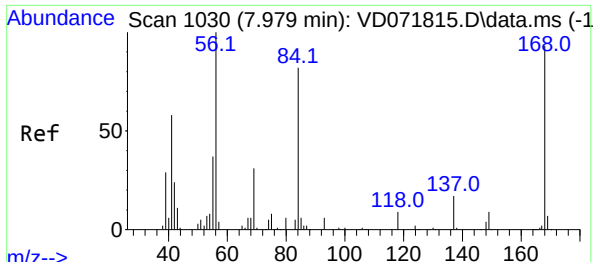
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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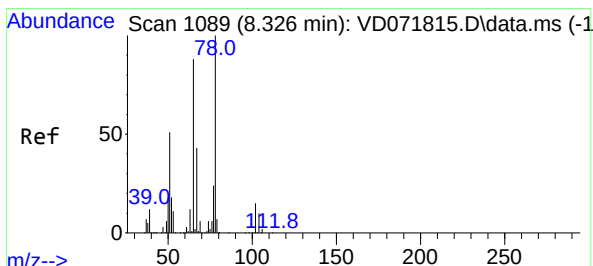
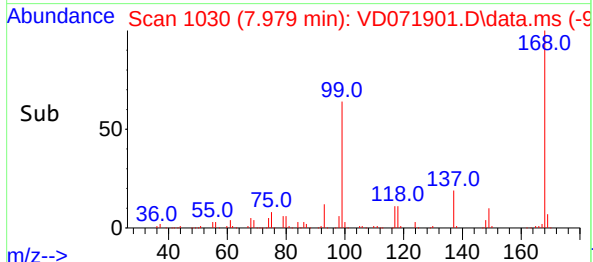
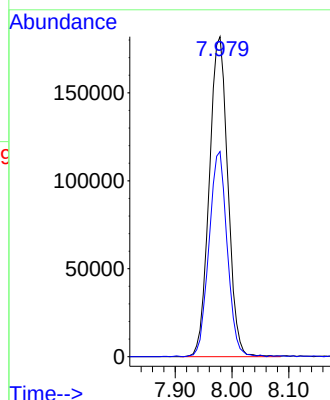
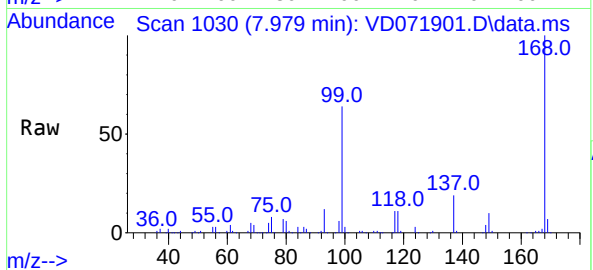




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

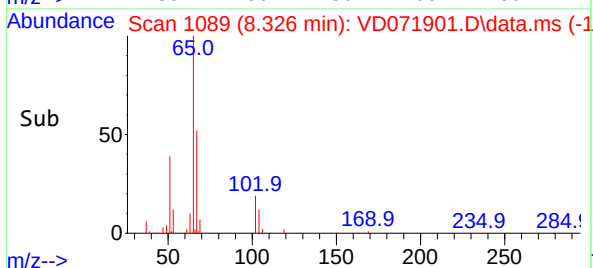
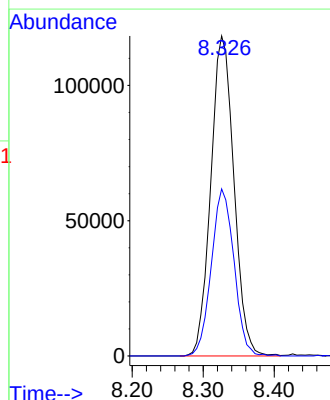
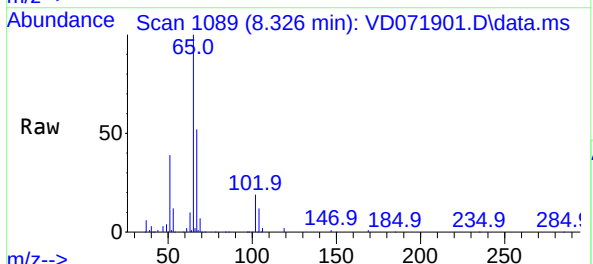
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

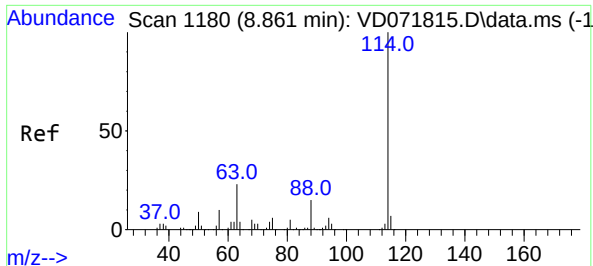
Tgt Ion:168 Resp: 412453
Ion Ratio Lower Upper
168 100
99 64.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.305 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Tgt Ion: 65 Resp: 267461
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071901.D

Acq: 04 Feb 2022 16:24

Instrument :

MSVOA_D

ClientSampleId :

RO-124035

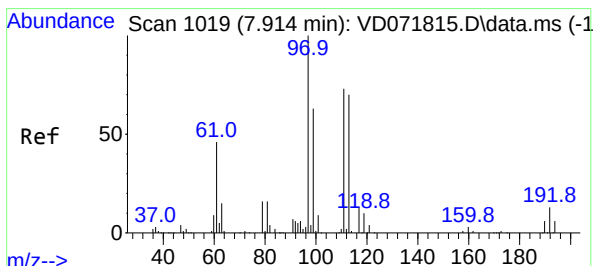
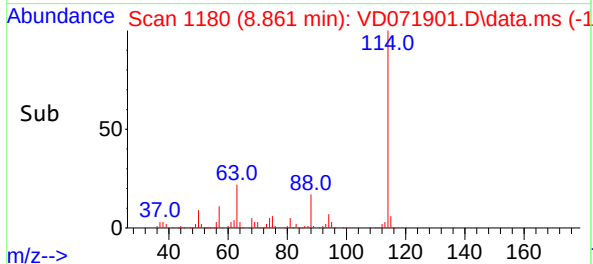
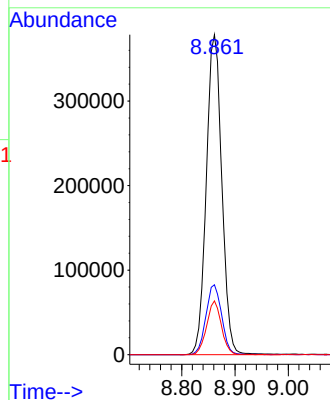
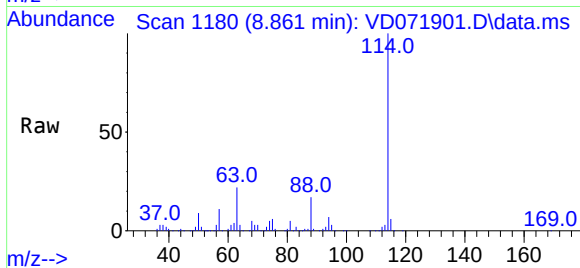
Tgt Ion:114 Resp: 764091

Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.836 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071901.D

Acq: 04 Feb 2022 16:24

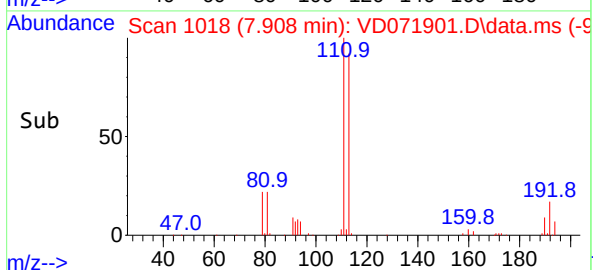
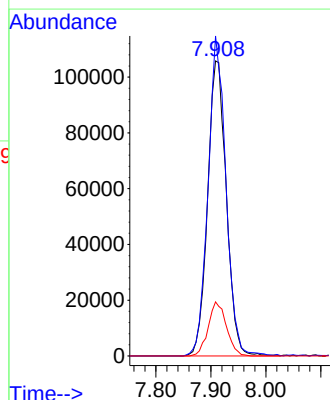
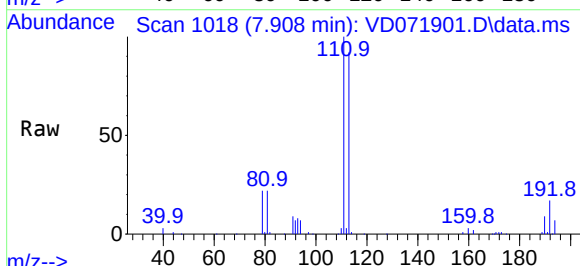
Tgt Ion:113 Resp: 250307

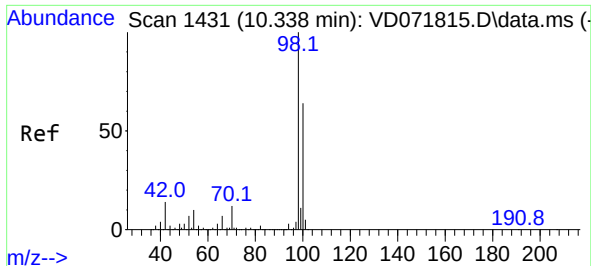
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 17.8 14.6 21.8

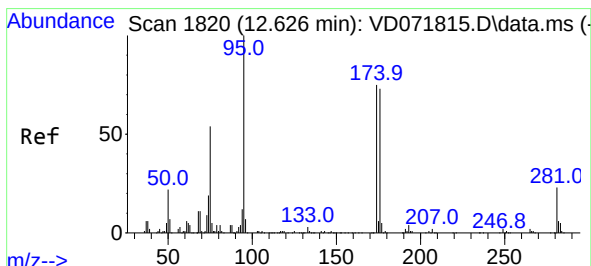
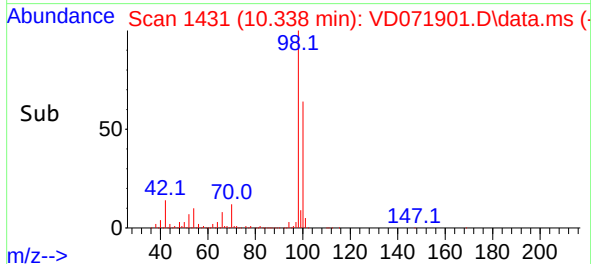
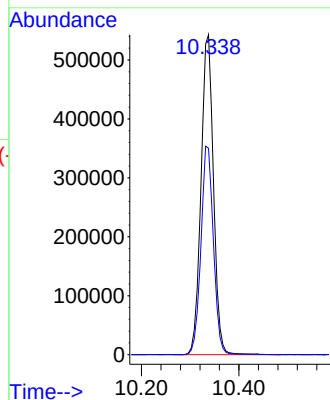
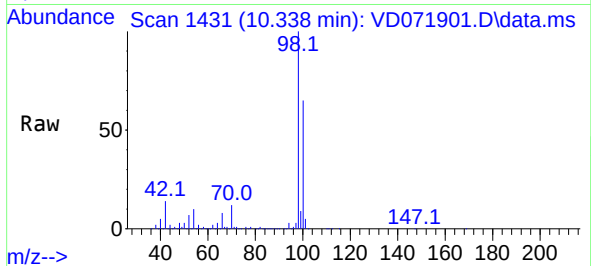




#50
Toluene-d8
Concen: 51.533 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

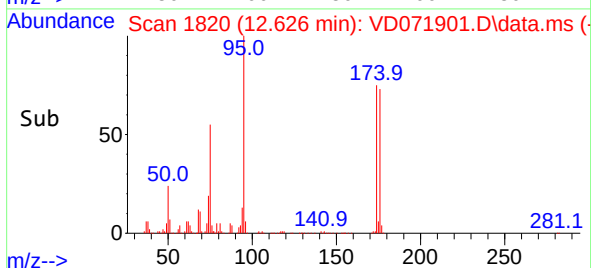
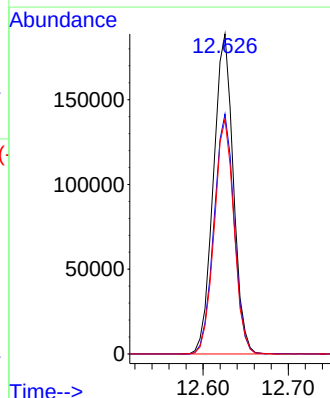
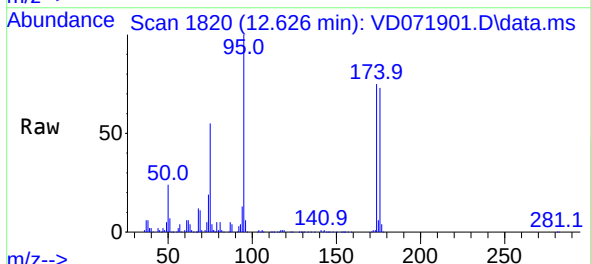
Instrument :
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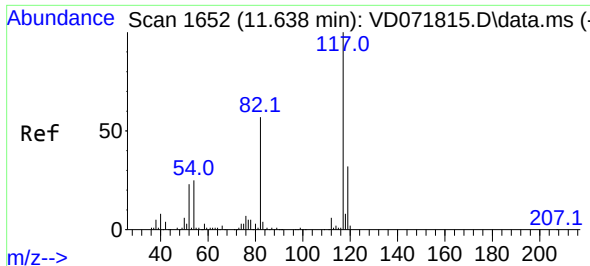
Tgt Ion: 98 Resp: 966641
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Tgt Ion: 95 Resp: 306350
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 72.3 0.0 145.4

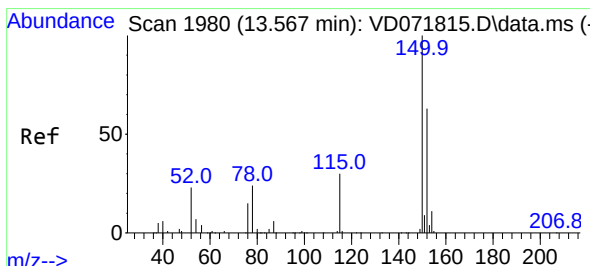
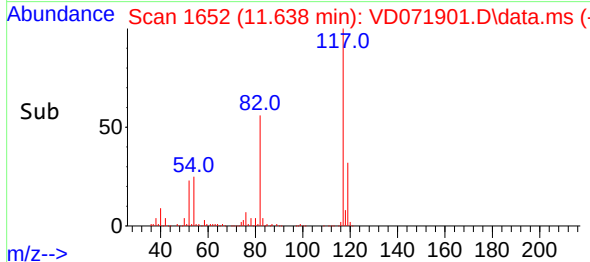
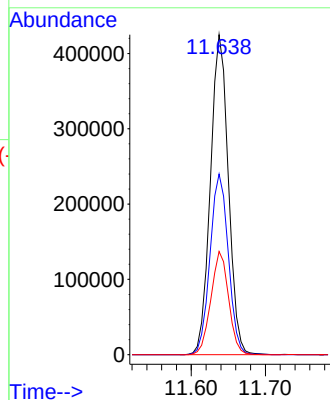
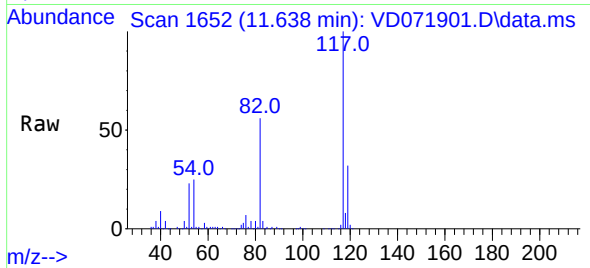




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Instrument :
MSVOA_D
ClientSampleId :
RO-124035

Tgt Ion:117 Resp: 714286
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071901.D
Acq: 04 Feb 2022 16:24

Tgt Ion:152 Resp: 314812
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 156.9 0.0 348.6

