

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072224.D
 Acq On : 16 Mar 2022 17:59
 Operator : VA/SY
 Sample : N1890-01
 Misc : 5.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-232

Quant Time: Mar 17 02:27:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	533311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	861781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	923413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	456148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	252455	42.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.960%
35) Dibromofluoromethane	7.908	113	260538	42.962	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.920%
50) Toluene-d8	10.332	98	1086907	49.016	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.620	95	468798	54.410	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.820%

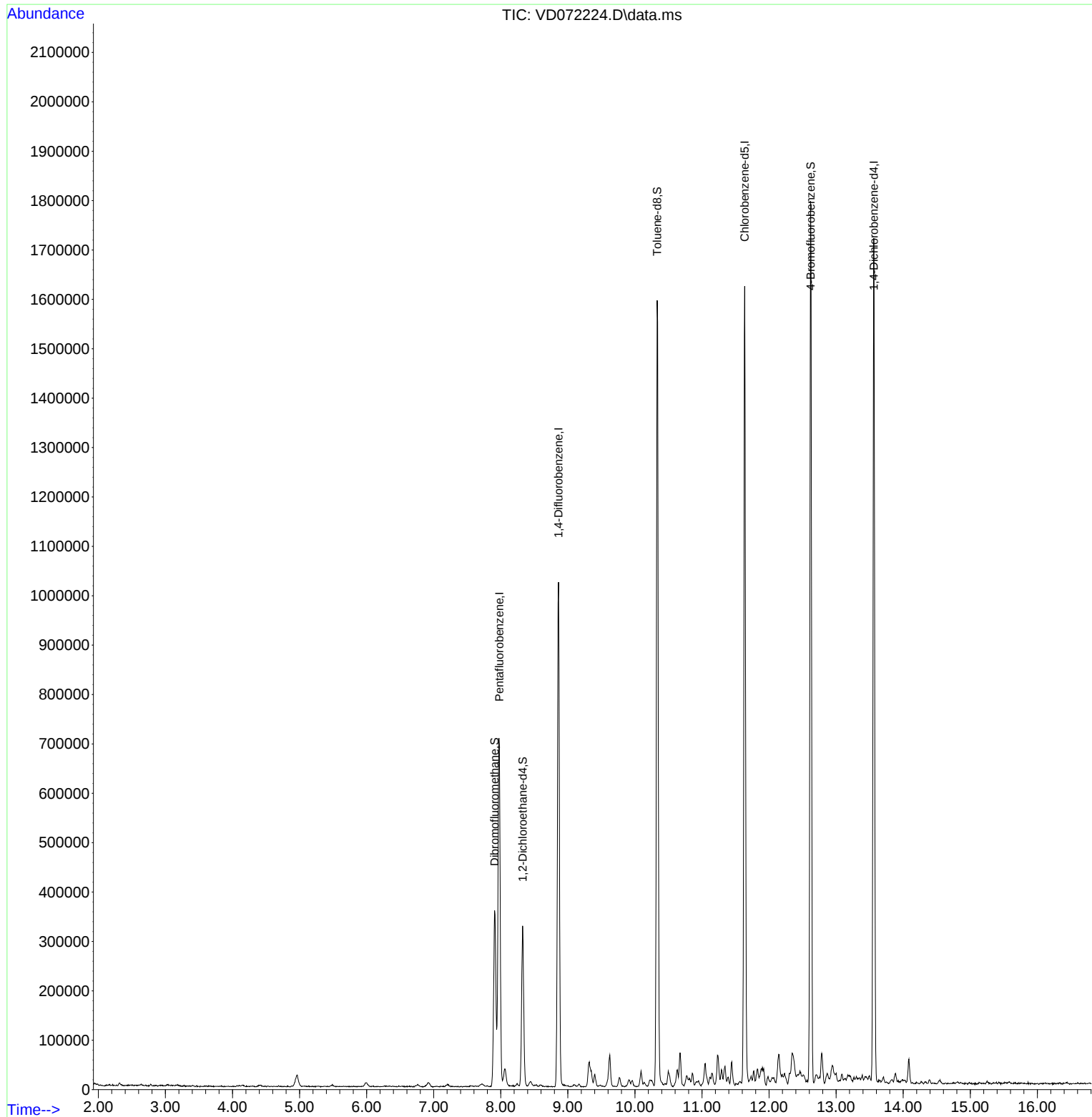
Target Compounds	Qvalue

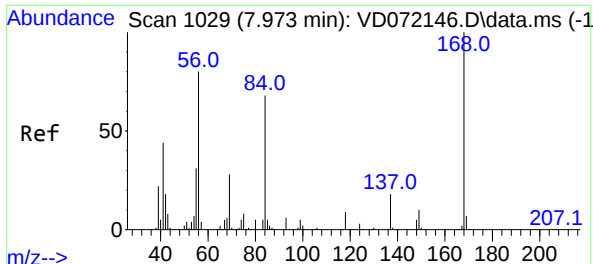
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072224.D

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Instrument :

MSVOA_D

ClientSampleId :

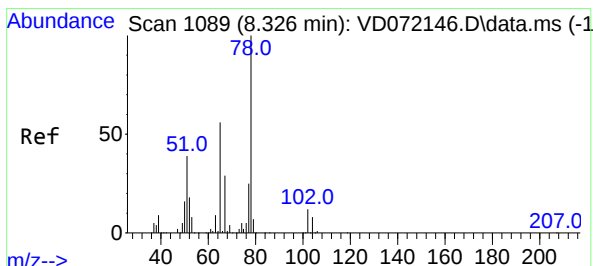
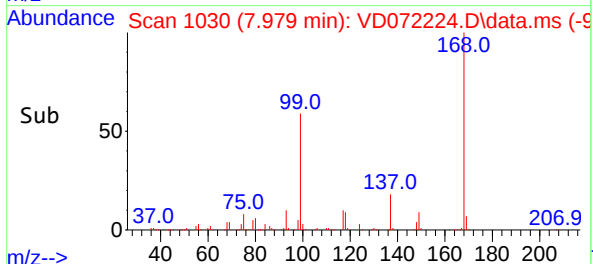
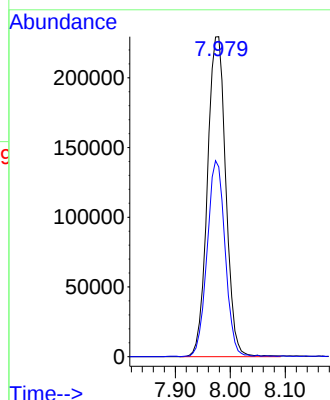
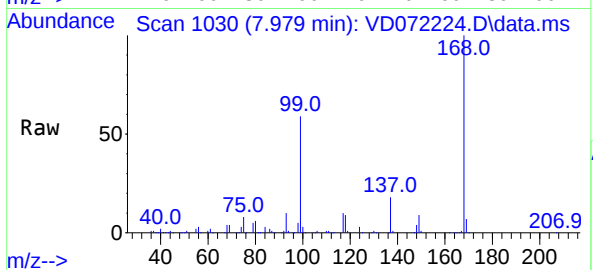
VNJ-232

Tgt Ion:168 Resp: 533311

Ion Ratio Lower Upper

168 100

99 59.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 42.476 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072224.D

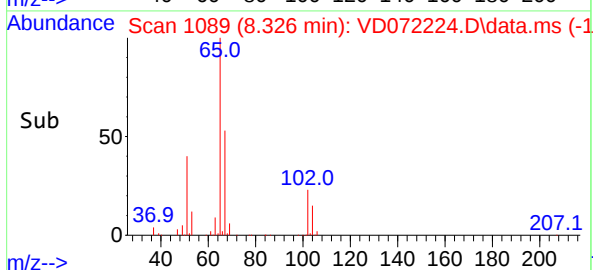
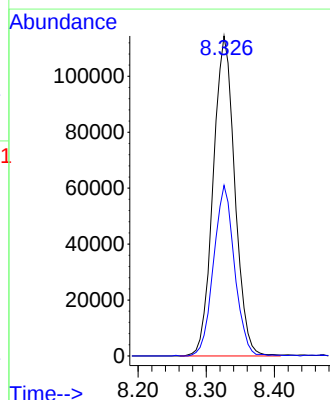
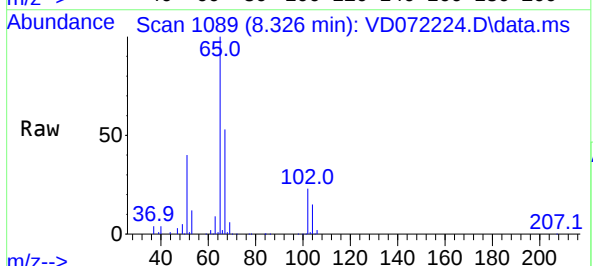
Acq: 16 Mar 2022 17:59

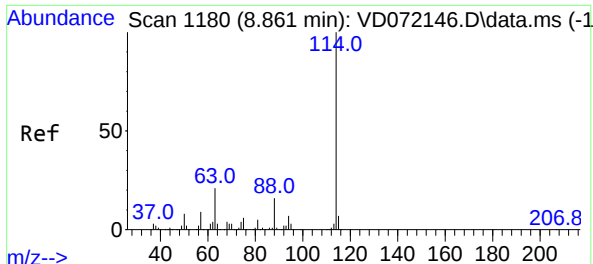
Tgt Ion: 65 Resp: 252455

Ion Ratio Lower Upper

65 100

67 51.8 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: VD072224.D

Acq: 16 Mar 2022 17:59

Instrument :

MSVOA_D

ClientSampleId :

VNJ-232

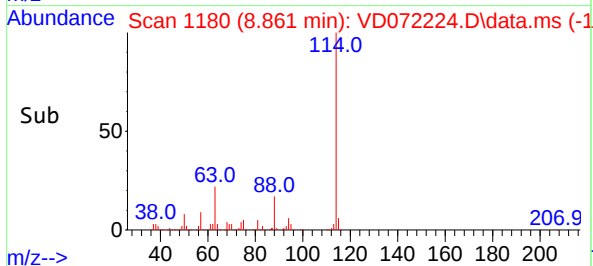
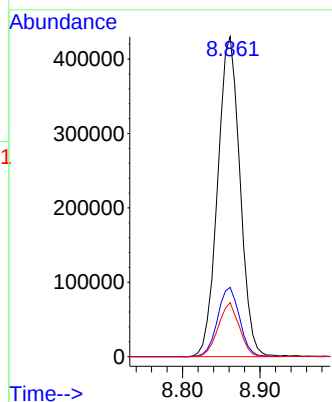
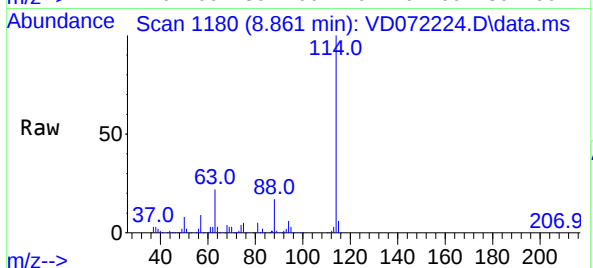
Tgt Ion:114 Resp: 861781

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 16.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.962 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072224.D

Acq: 16 Mar 2022 17:59

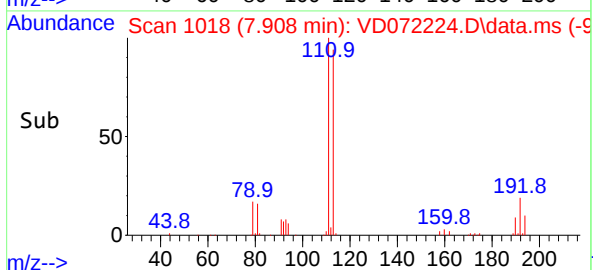
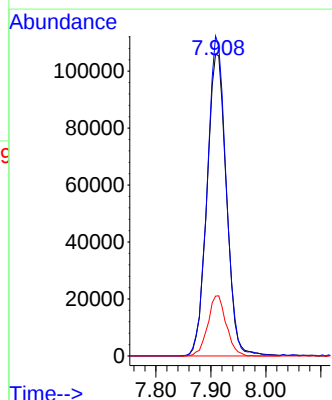
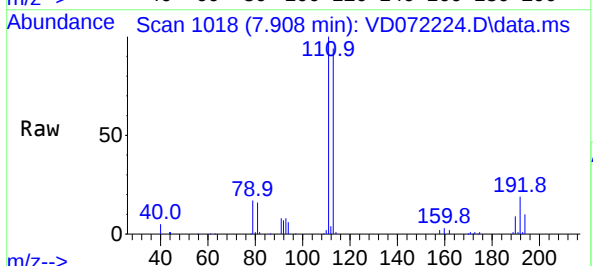
Tgt Ion:113 Resp: 260538

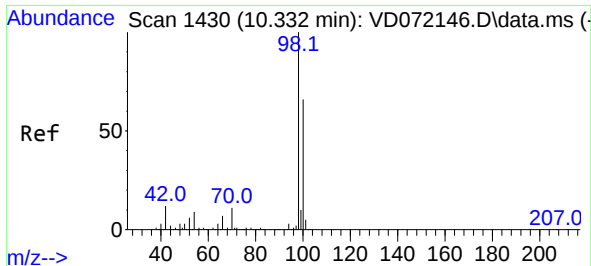
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.9 14.6 21.8

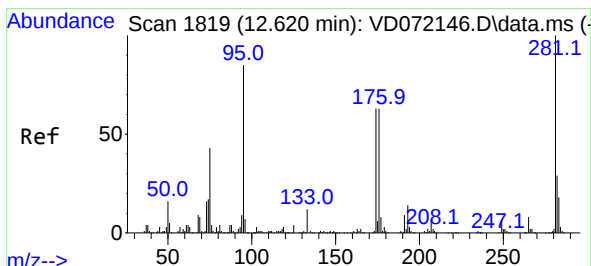
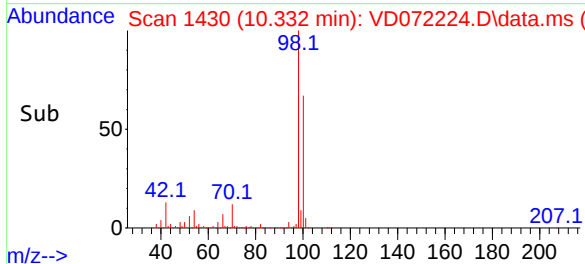
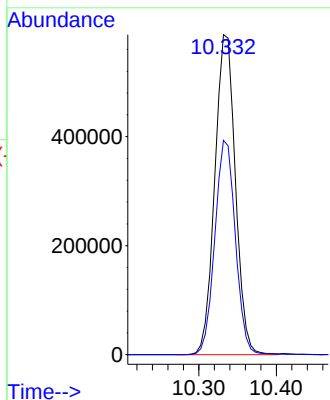
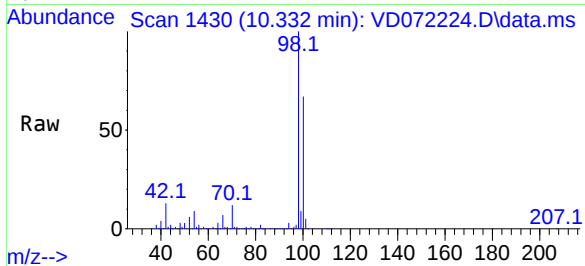




#50
Toluene-d8
Concen: 49.016 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072224.D
Acq: 16 Mar 2022 17:59

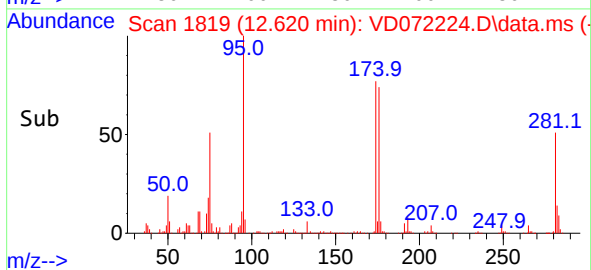
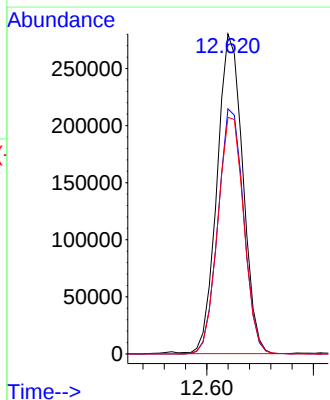
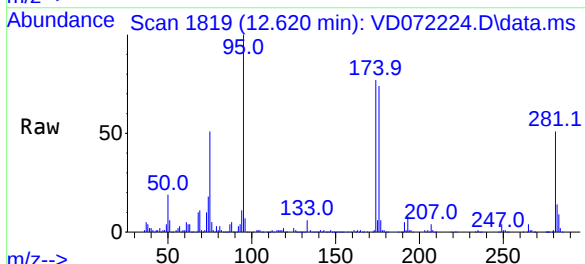
Instrument :
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VNJ-232

Tgt Ion: 98 Resp: 1086907
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.410 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072224.D
Acq: 16 Mar 2022 17:59

Tgt Ion: 95 Resp: 468798
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 75.2 0.0 145.4

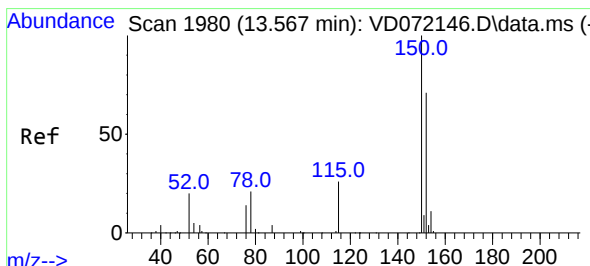
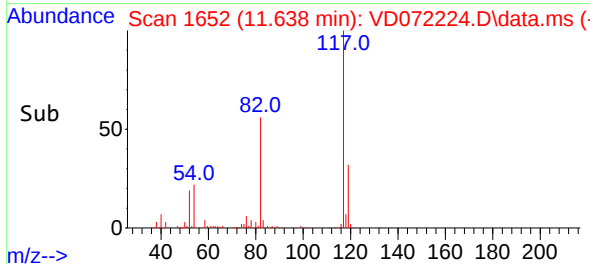
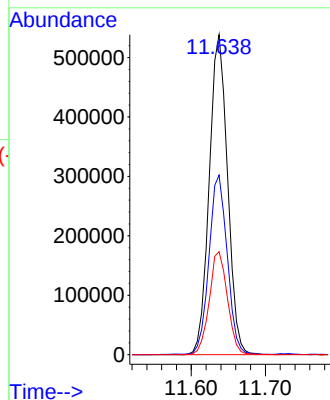
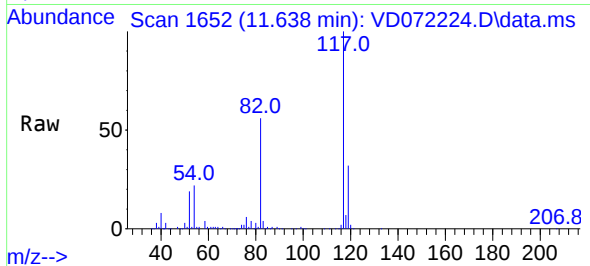




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072224.D
Acq: 16 Mar 2022 17:59

Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

Tgt Ion:117 Resp: 923413
Ion Ratio Lower Upper
117 100
82 56.0 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: VD072224.D
Acq: 16 Mar 2022 17:59

Tgt Ion:152 Resp: 456148
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.0 0.0 348.6

