

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072200.D
 Acq On : 15 Mar 2022 20:34
 Operator : VA/SY
 Sample : N1912-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-242

Quant Time: Mar 16 01:03:38 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)

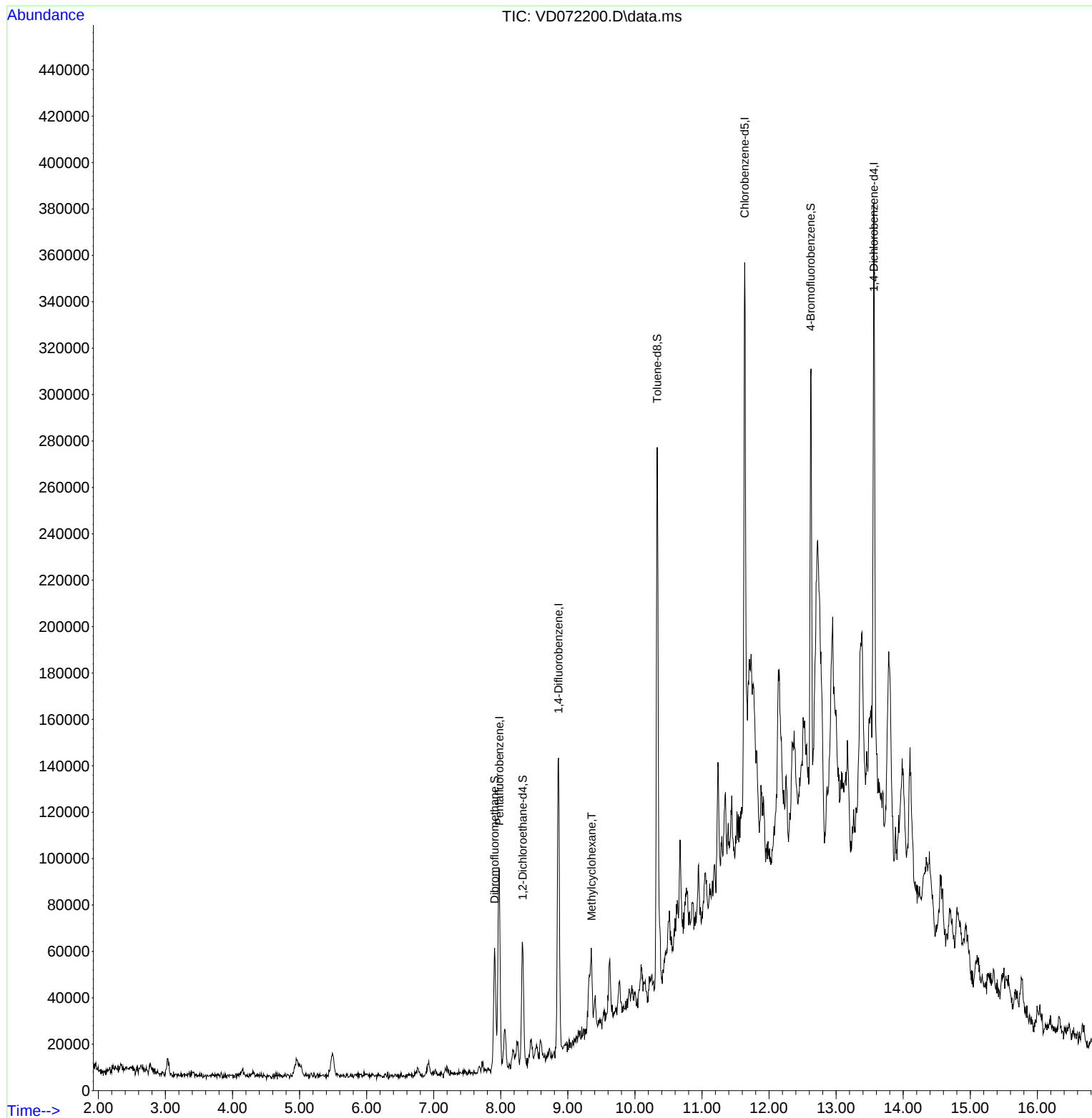
Internal Standards						
1) Pentafluorobenzene	7.979	168	62118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	109361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	128969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	66144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	43391	62.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.360%
35) Dibromofluoromethane	7.908	113	37090	48.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.400%
50) Toluene-d8	10.332	98	146720	52.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.620	95	66888	61.175	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.360%
Target Compounds						
39) Methylcyclohexane	9.355	83	12995	10.696	ug/l	Qvalue 87

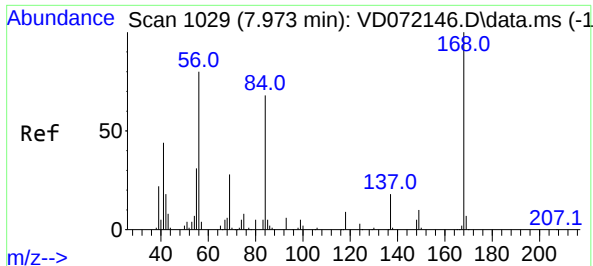
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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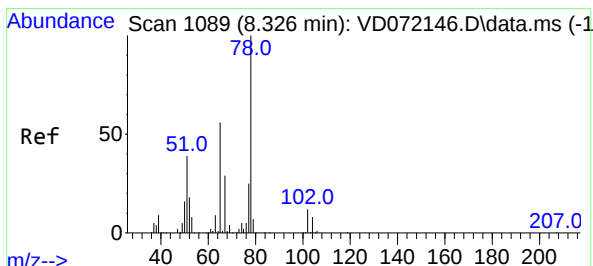
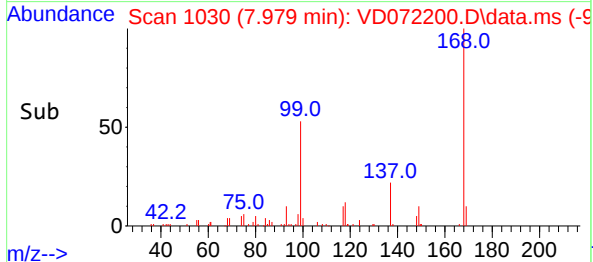
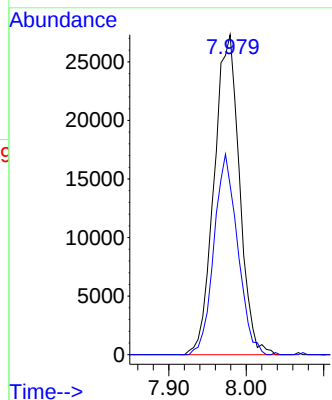
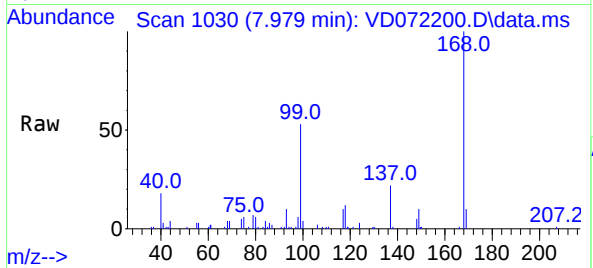




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072200.D
Acq: 15 Mar 2022 20:34

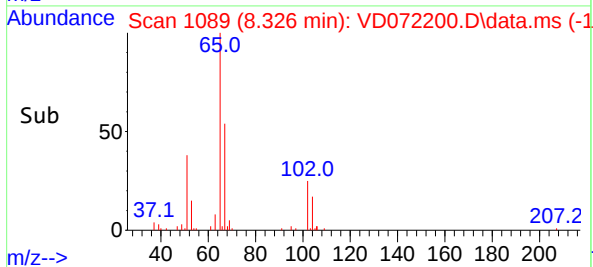
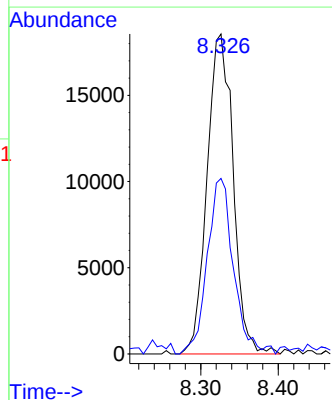
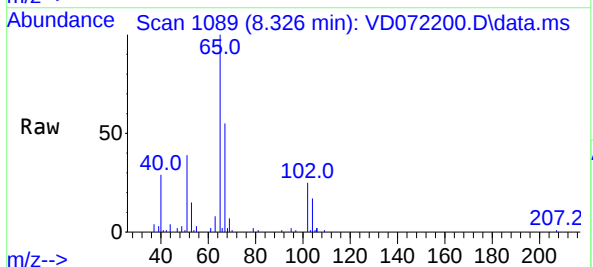
Instrument :
MSVOA_D
ClientSampleId :
VNJ-242

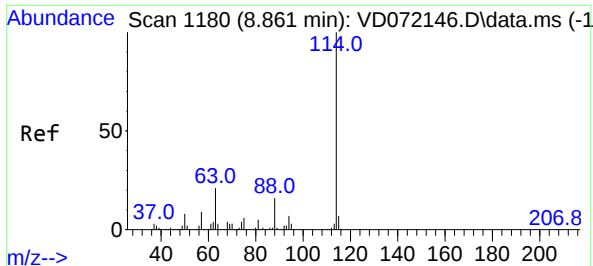
Tgt Ion:168 Resp: 62118
Ion Ratio Lower Upper
168 100
99 52.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 62.679 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072200.D
Acq: 15 Mar 2022 20:34

Tgt Ion: 65 Resp: 43391
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.4



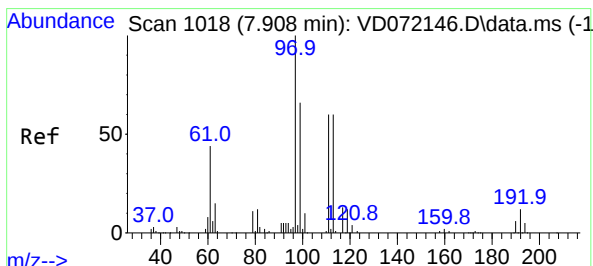
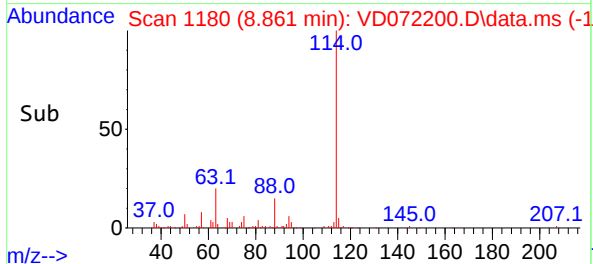
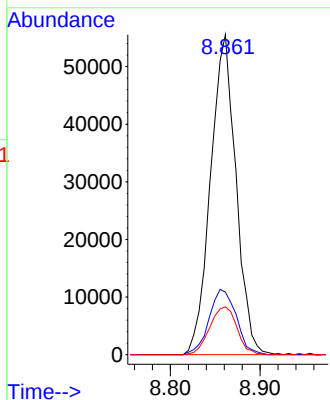
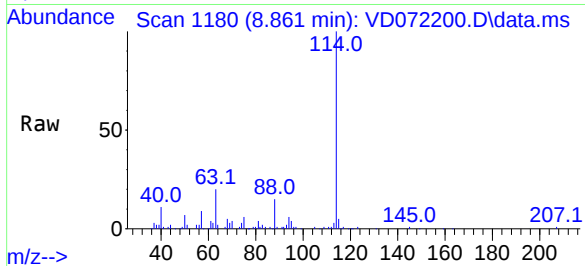


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072200.D
Acq: 15 Mar 2022 20:34

Instrument :
MSVOA_D
ClientSampleId :
VNJ-242

Tgt Ion:114 Resp: 109361

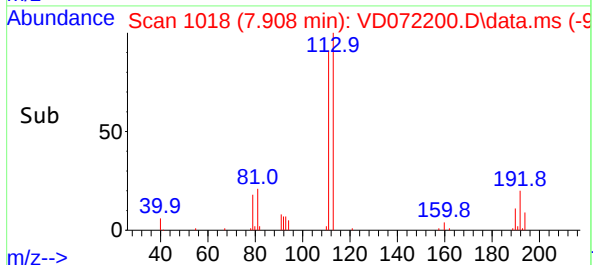
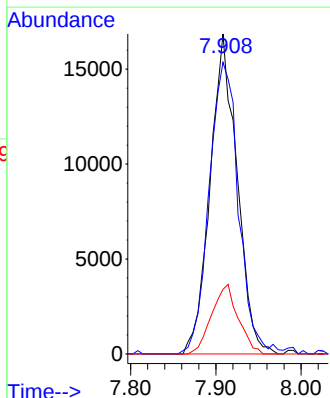
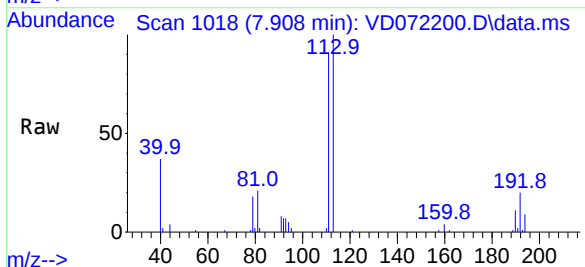
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	46.6
88	14.9	0.0	33.2

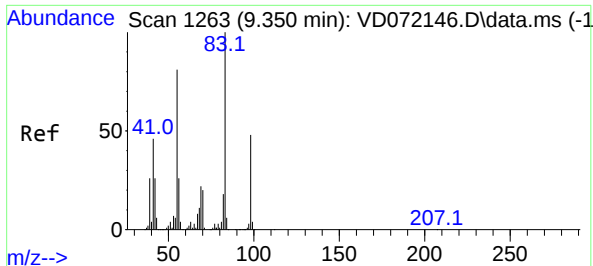


#35
Dibromofluoromethane
Concen: 48.195 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072200.D
Acq: 15 Mar 2022 20:34

Tgt Ion:113 Resp: 37090

Ion	Ratio	Lower	Upper
113	100		
111	99.2	83.8	125.6
192	21.3	14.6	21.8





#39

Methylcyclohexane

Concen: 10.696 ug/l

RT: 9.355 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VD072200.D

Acq: 15 Mar 2022 20:34

Instrument :

MSVOA_D

ClientSampleId :

VNJ-242

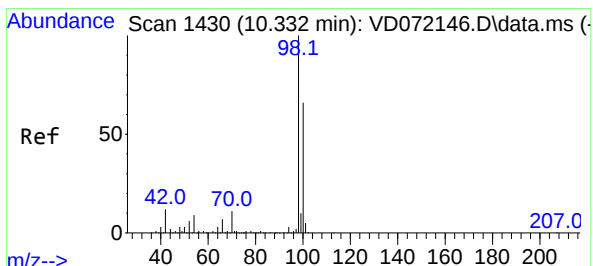
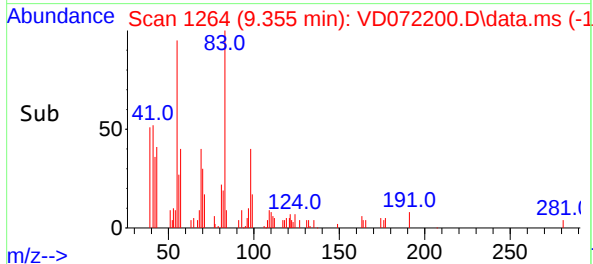
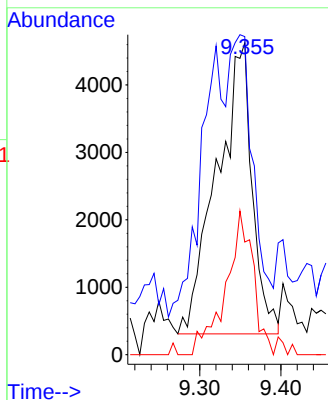
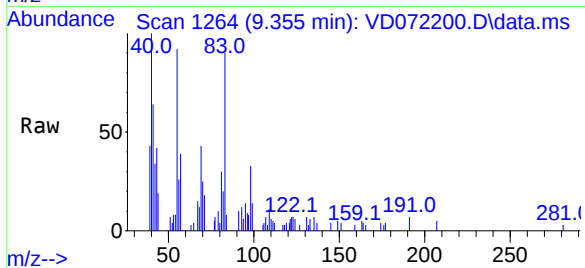
Tgt Ion: 83 Resp: 12995

Ion Ratio Lower Upper

83 100

55 90.6 63.2 94.8

98 38.7 38.2 57.4



#50

Toluene-d8

Concen: 52.140 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072200.D

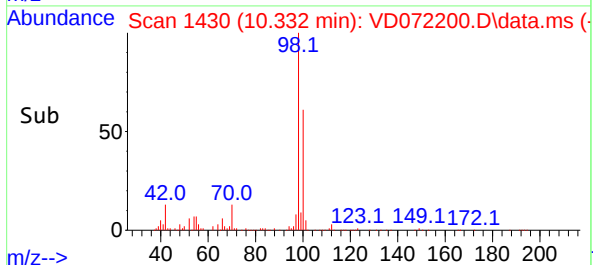
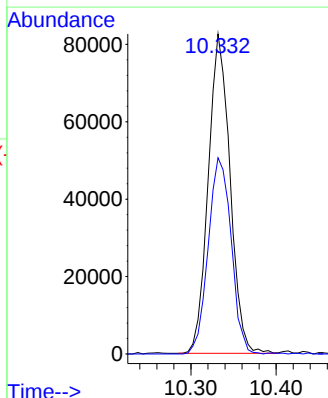
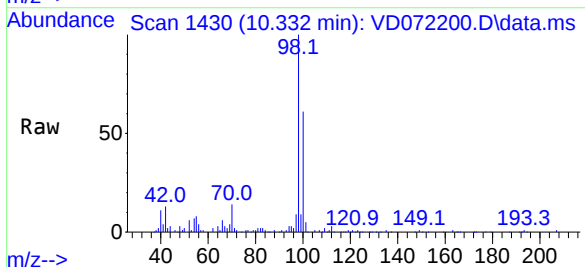
Acq: 15 Mar 2022 20:34

Tgt Ion: 98 Resp: 146720

Ion Ratio Lower Upper

98 100

100 64.6 52.4 78.6



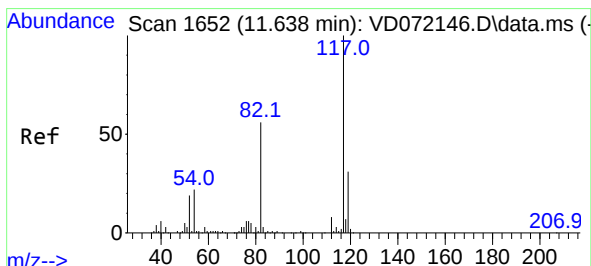
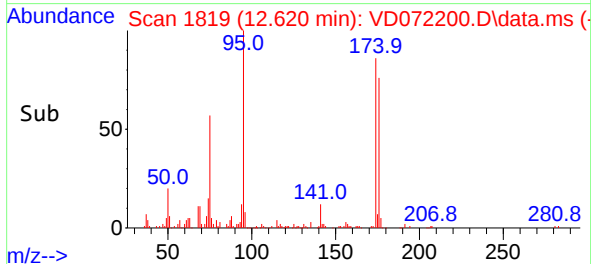
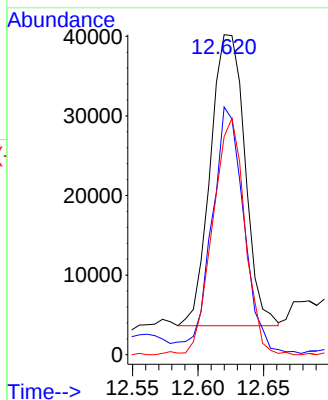
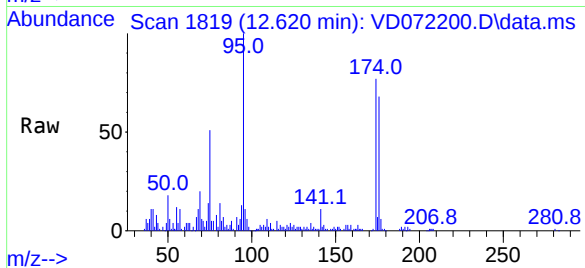


#62
4-Bromofluorobenzene
Concen: 61.175 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072200.D
Acq: 15 Mar 2022 20:34

Instrument :
MSVOA_D
ClientSampleId :
VNJ-242

Tgt Ion: 95 Resp: 66888

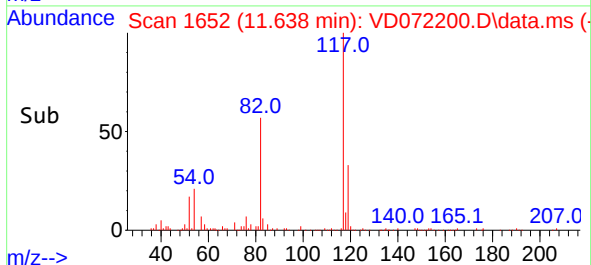
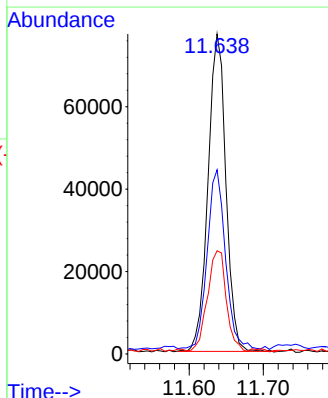
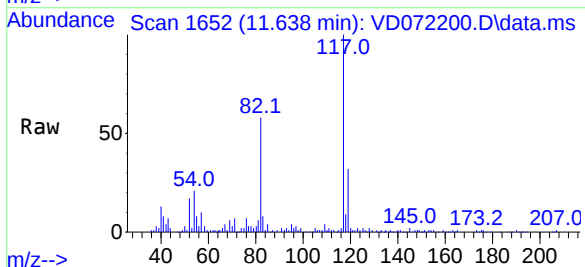
Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	152.8
176	75.9	0.0	145.4

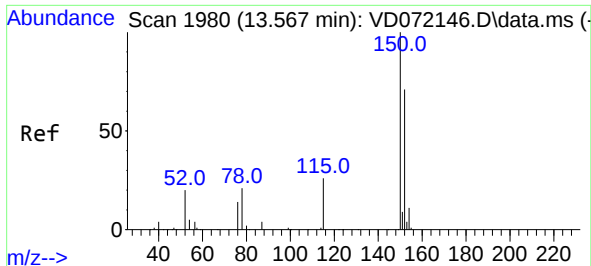


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072200.D
Acq: 15 Mar 2022 20:34

Tgt Ion: 117 Resp: 128969

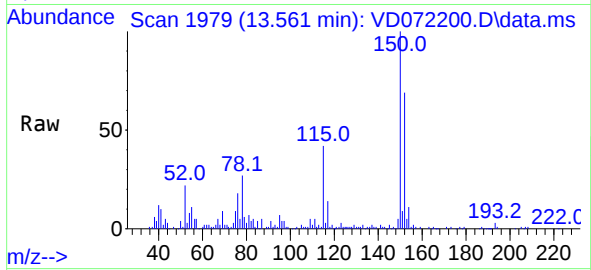
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.3	67.9
119	31.3	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072200.D
Acq: 15 Mar 2022 20:34

Instrument :
MSVOA_D
ClientSampleId :
VNJ-242



Tgt Ion:152 Resp: 66144
Ion Ratio Lower Upper
152 100
115 67.5 31.3 93.8
150 161.1 0.0 348.6

