

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072228.D
 Acq On : 16 Mar 2022 19:53
 Operator : VA/SY
 Sample : N1912-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-242RE

Quant Time: Mar 17 02:28:56 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	30169	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	49040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	58353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	28148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	23517	69.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.900%
35) Dibromofluoromethane	7.914	113	19126	55.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.332	98	57930	45.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.620	95	26844	54.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.500%

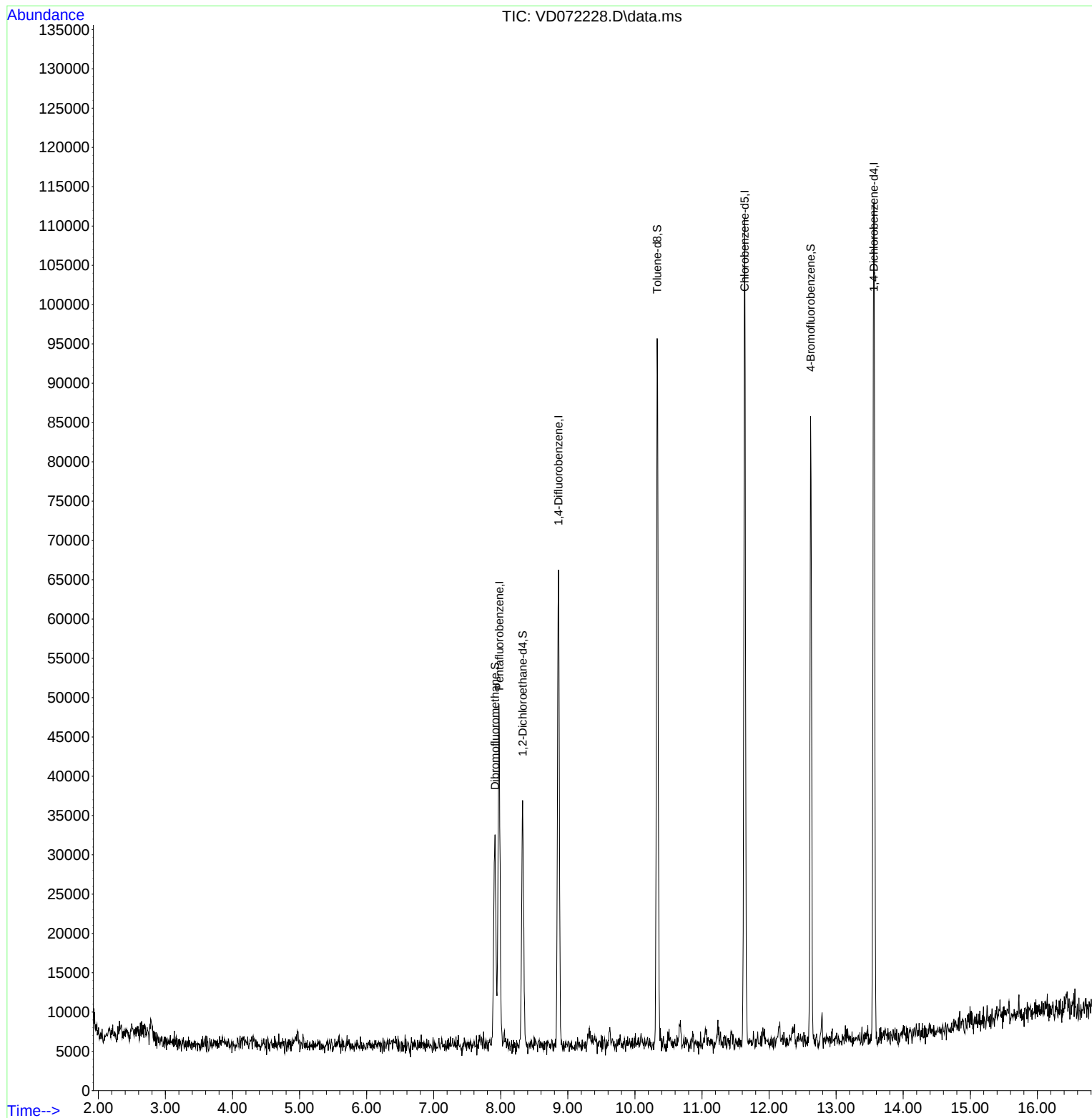
Target Compounds	Qvalue

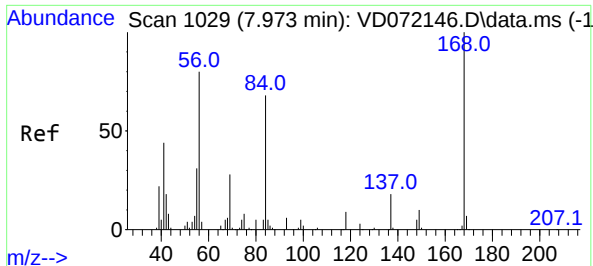
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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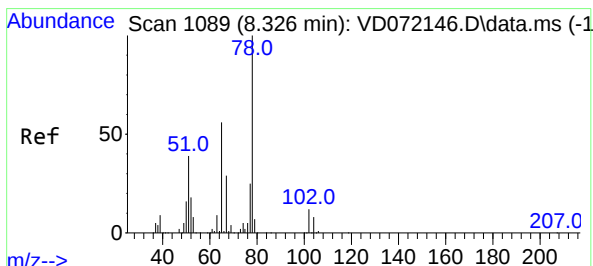
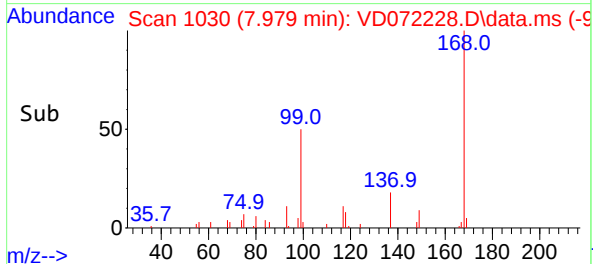
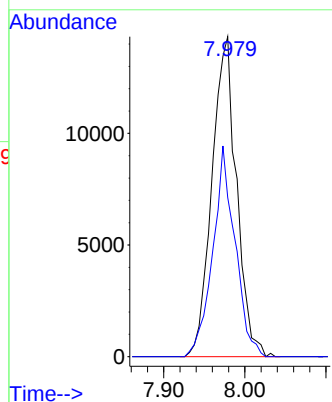
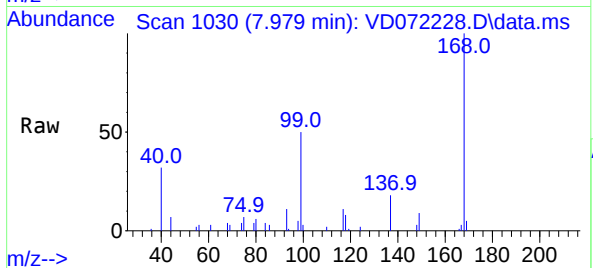




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

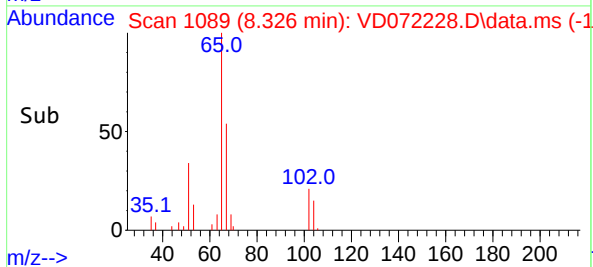
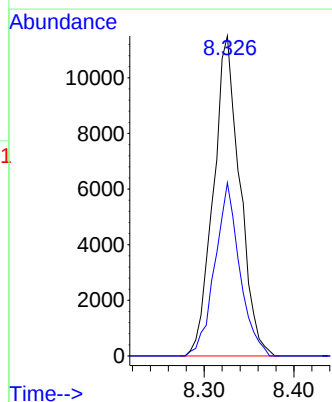
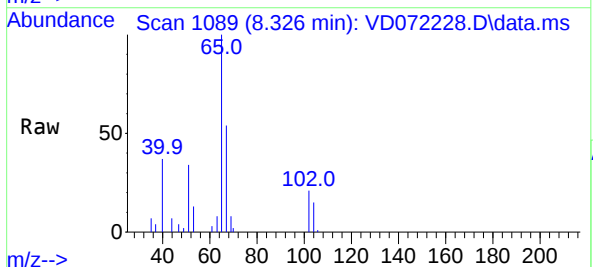
Instrument :
MSVOA_D
ClientSampleId :
VNJ-242RE

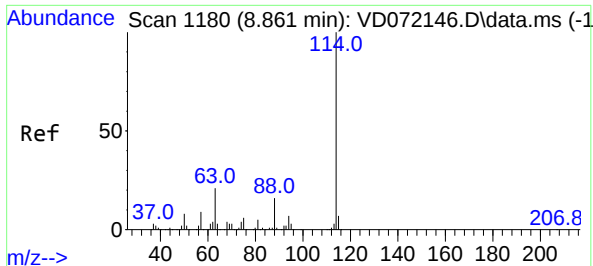
Tgt Ion:168 Resp: 30169
Ion Ratio Lower Upper
168 100
99 49.7 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 69.946 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion: 65 Resp: 23517
Ion Ratio Lower Upper
65 100
67 50.9 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: VD072228.D

Acq: 16 Mar 2022 19:53

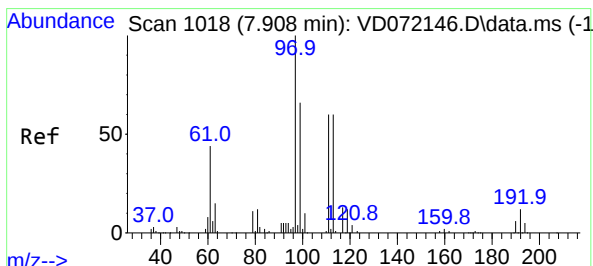
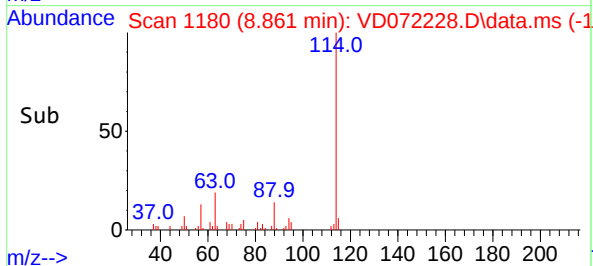
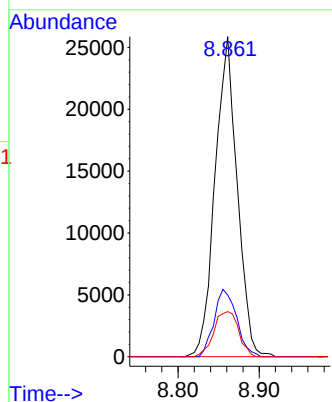
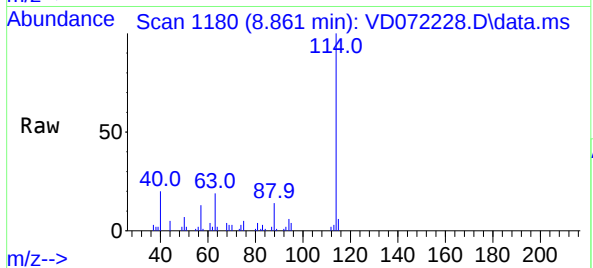
Instrument :

MSVOA_D

ClientSampleId :

VNJ-242RE

Tgt Ion:	114	Resp:	49040
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	46.6
88	14.1	0.0	33.2



#35

Dibromofluoromethane

Concen: 55.422 ug/l

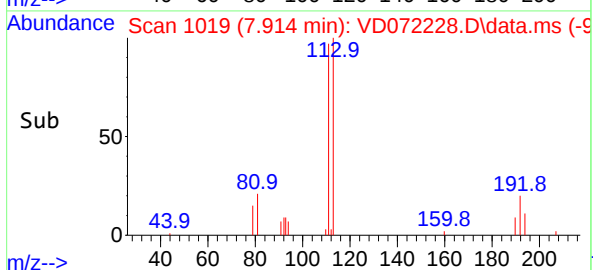
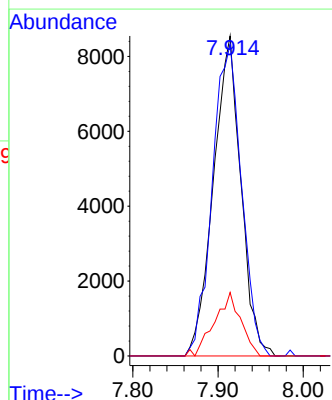
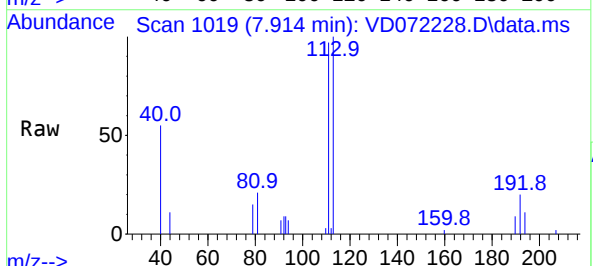
RT: 7.914 min Scan# 1019

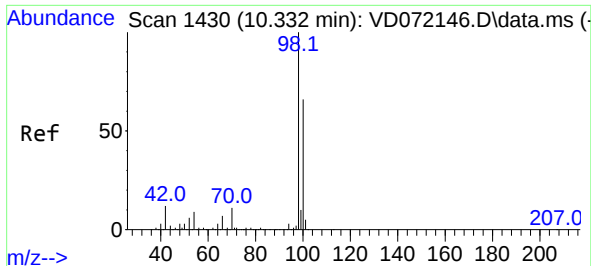
Delta R.T. 0.006 min

Lab File: VD072228.D

Acq: 16 Mar 2022 19:53

Tgt Ion:	113	Resp:	19126
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.8	125.6
192	19.1	14.6	21.8

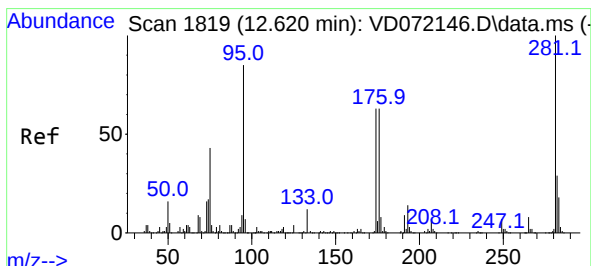
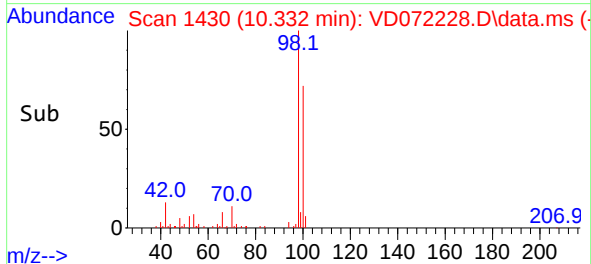
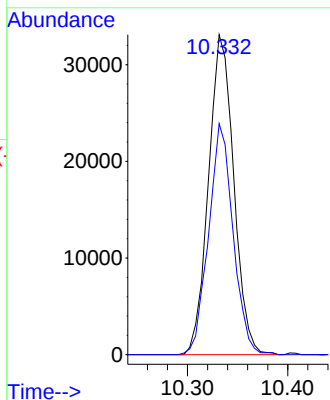
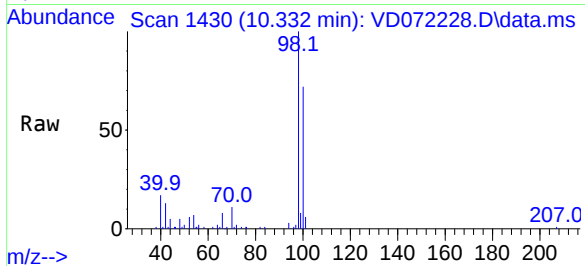




#50
Toluene-d8
Concen: 45.909 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

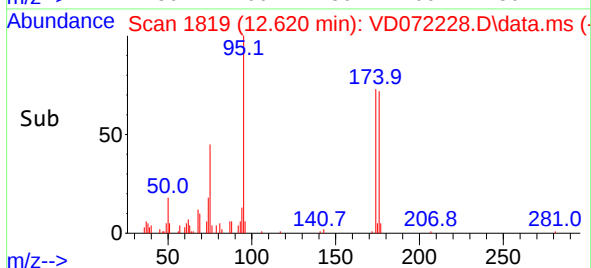
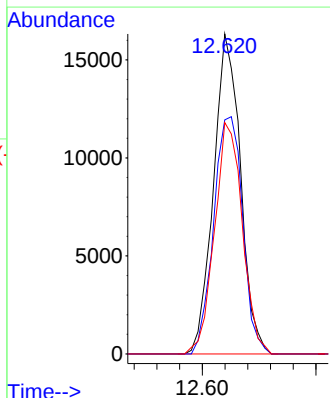
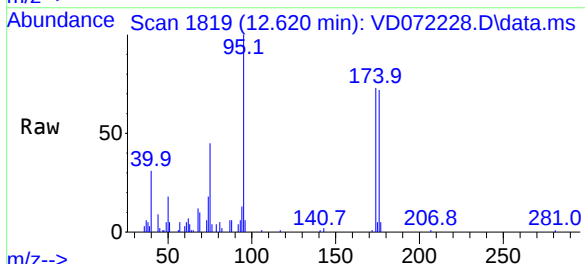
Instrument :
MSVOA_D
ClientSampleId :
VNJ-242RE

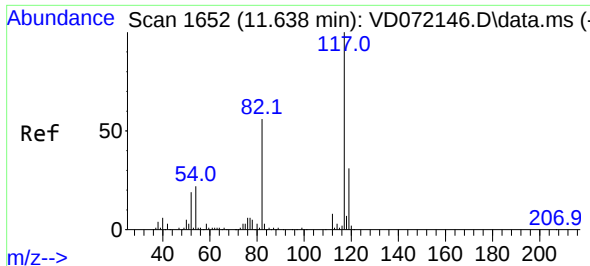
Tgt Ion: 98 Resp: 57930
Ion Ratio Lower Upper
98 100
100 70.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.750 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion: 95 Resp: 26844
Ion Ratio Lower Upper
95 100
174 79.9 0.0 152.8
176 74.8 0.0 145.4

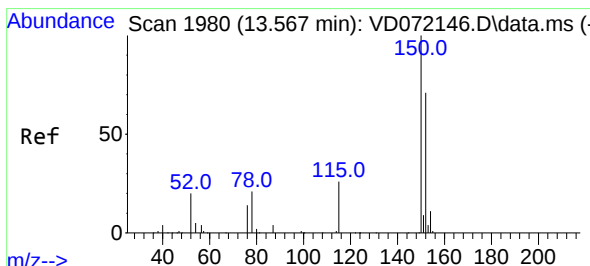
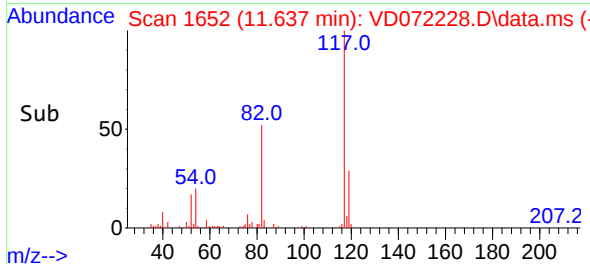
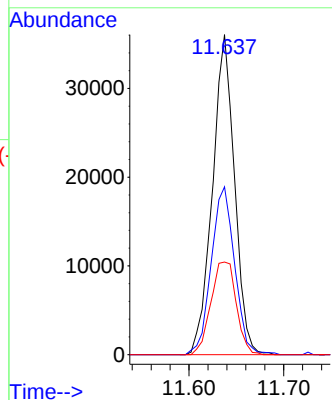
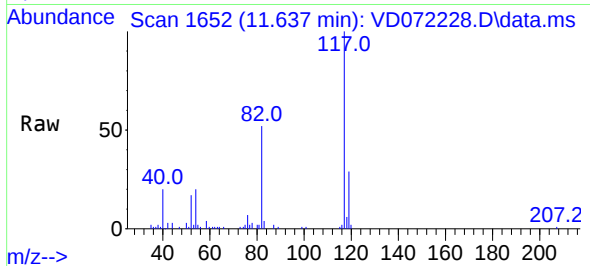




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Instrument :
MSVOA_D
ClientSampleId :
VNJ-242RE

Tgt Ion:	117	Resp:	58353
Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.3	67.9
119	28.9	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: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion:	152	Resp:	28148
Ion	Ratio	Lower	Upper
152	100		
115	66.7	31.3	93.8
150	170.7	0.0	348.6

