

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071979.D
 Acq On : 15 Feb 2022 15:44
 Operator : VA/SY
 Sample : N1532-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-209

Quant Time: Feb 16 00:36:53 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	7.973	168	54593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	103267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	111293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	49149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	65441	94.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.68%#	
35) Dibromofluoromethane	7.914	113	43147	63.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.12%	
50) Toluene-d8	10.332	98	130596	51.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.04%	
62) 4-Bromofluorobenzene	12.620	95	46554	52.59	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.18%	

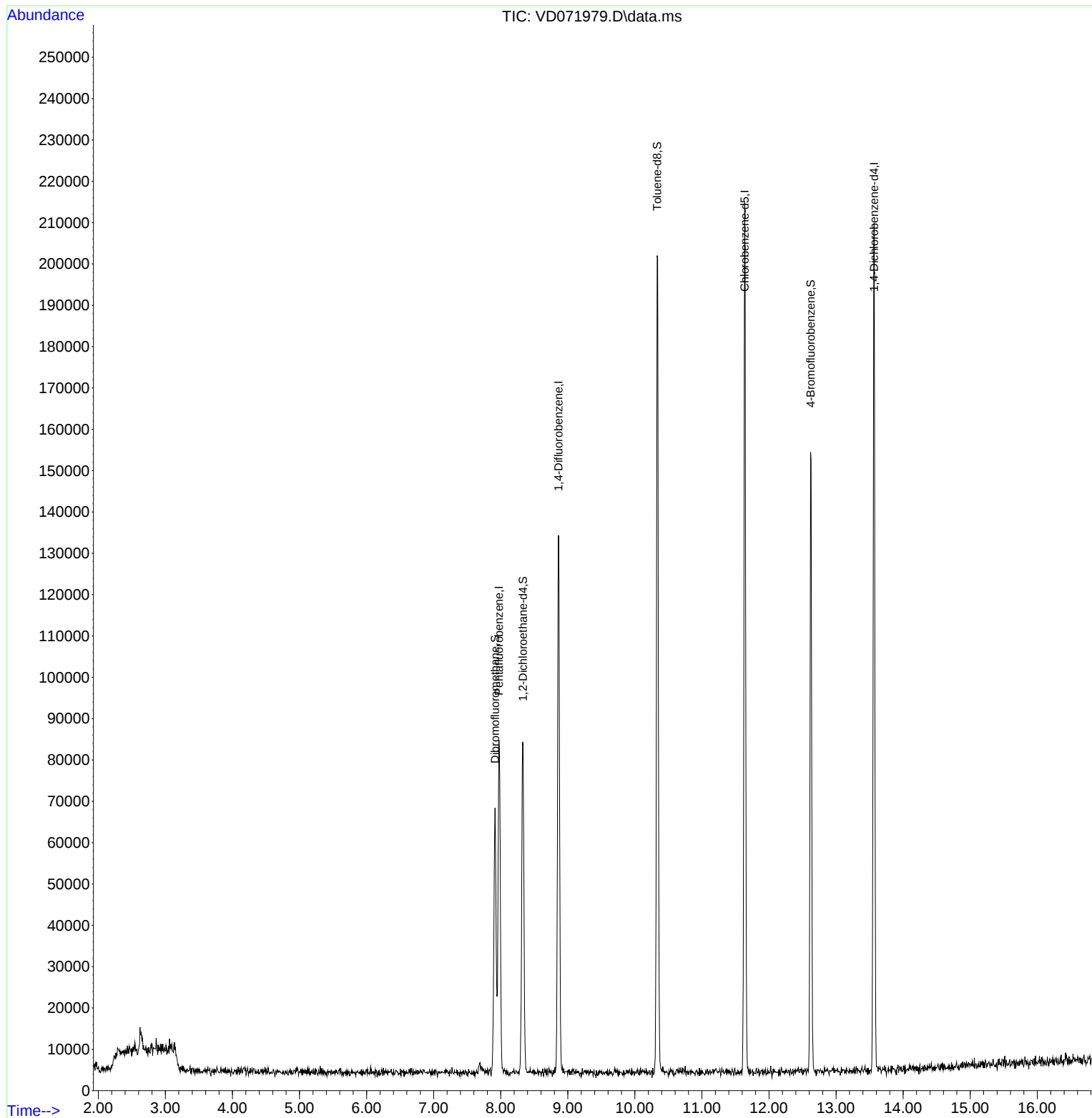
Target Compounds	Qvalue

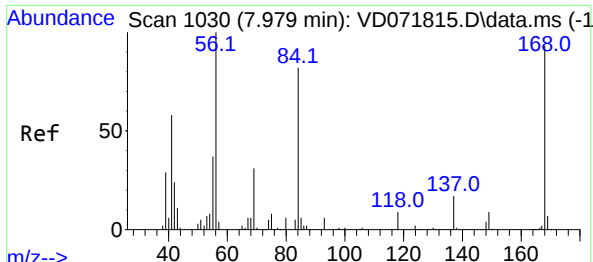
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD071979.D

Acq: 15 Feb 2022 15:44

Instrument :

MSVOA_D

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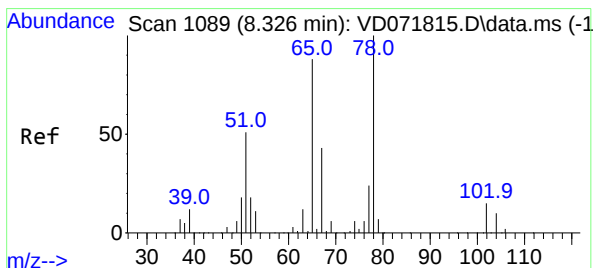
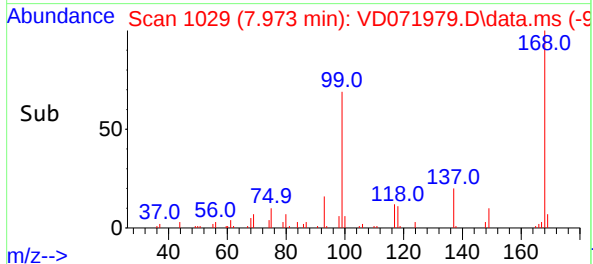
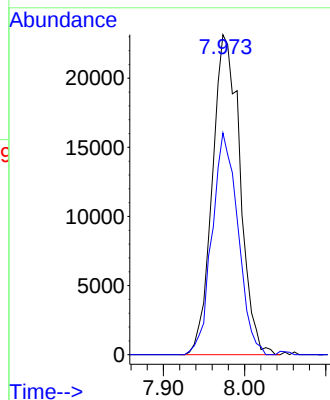
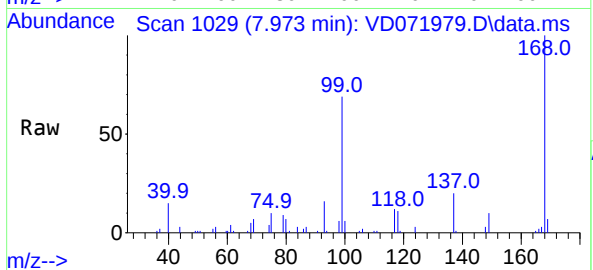
VNJ-209

Tgt Ion:168 Resp: 54593

Ion Ratio Lower Upper

168 100

99 69.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 94.84 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071979.D

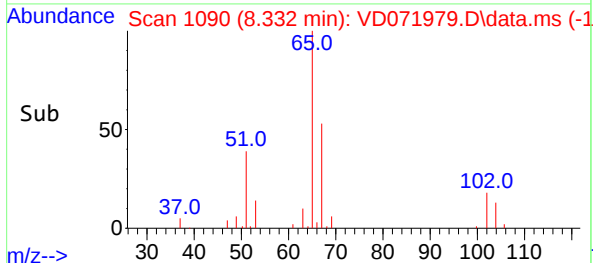
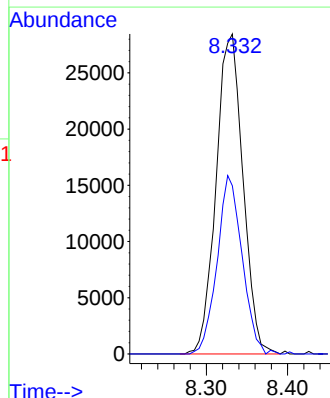
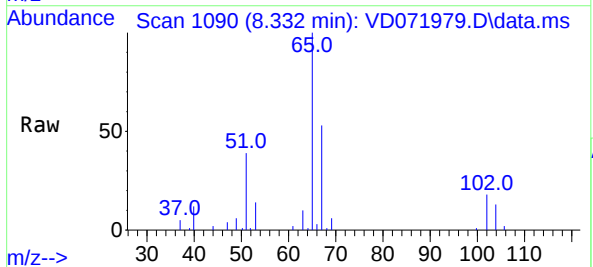
Acq: 15 Feb 2022 15:44

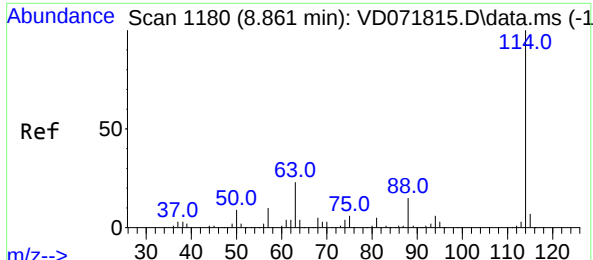
Tgt Ion: 65 Resp: 65441

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.4



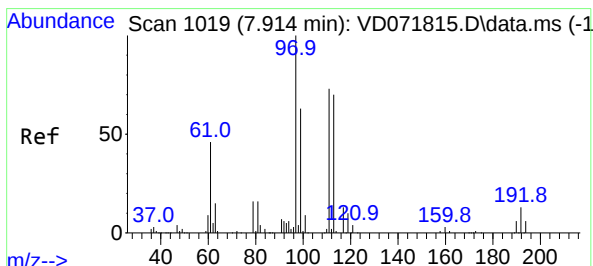
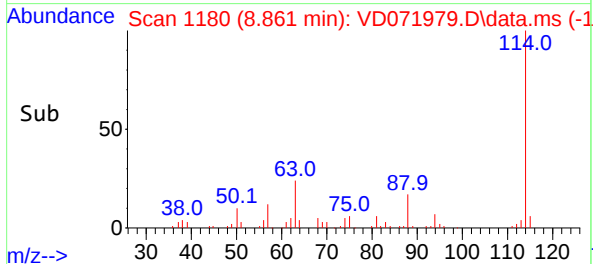
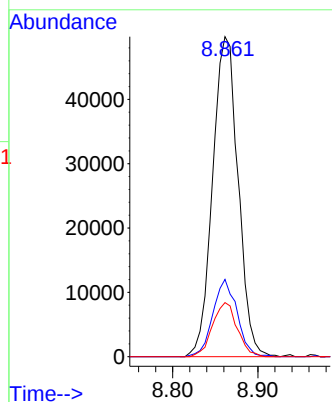
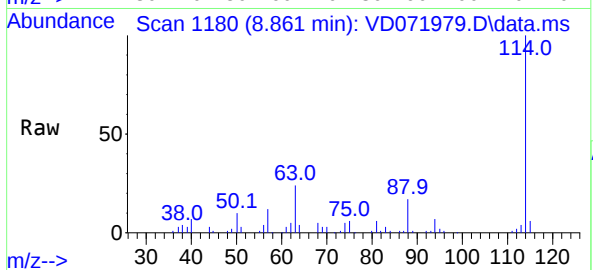


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

Tgt Ion:114 Resp: 103267

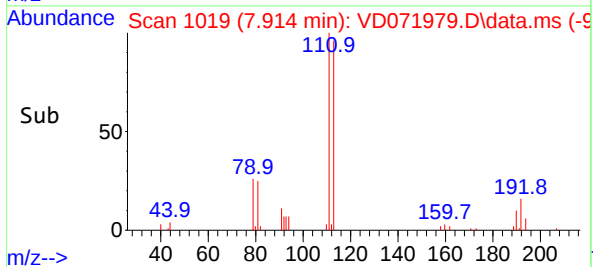
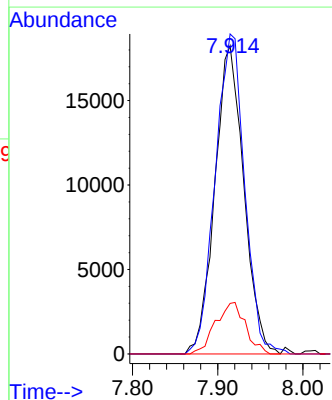
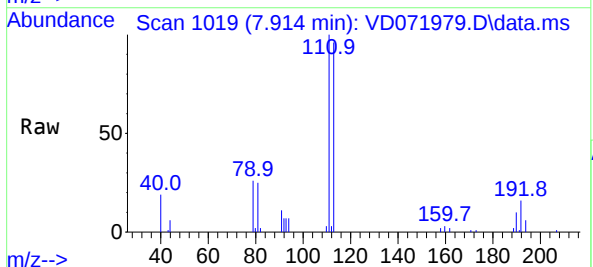
Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	46.6
88	16.9	0.0	33.2

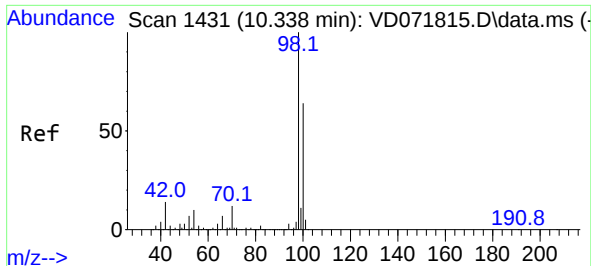


#35
Dibromofluoromethane
Concen: 63.56 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

Tgt Ion:113 Resp: 43147

Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.8	125.6
192	17.3	14.6	21.8

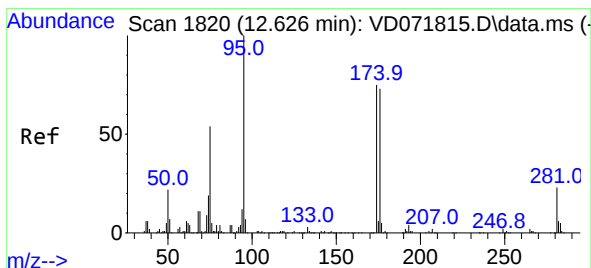
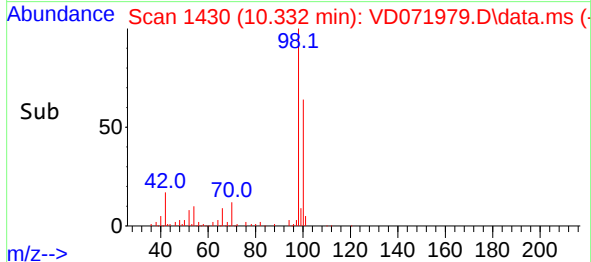
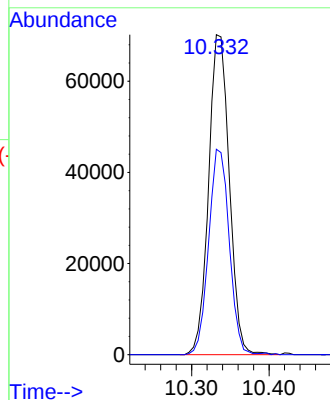
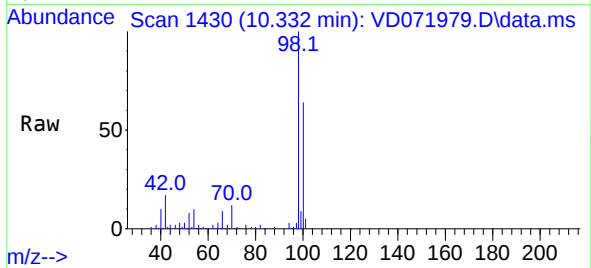




#50
Toluene-d8
Concen: 51.52 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

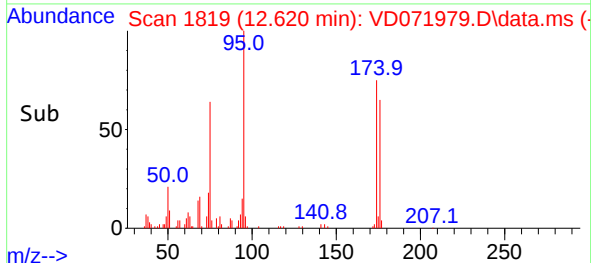
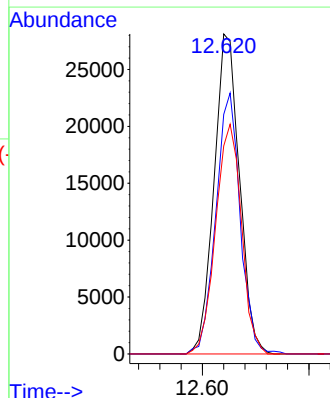
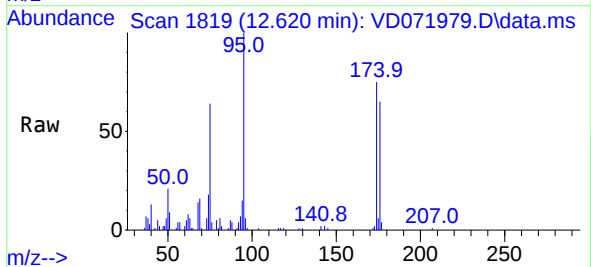
Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

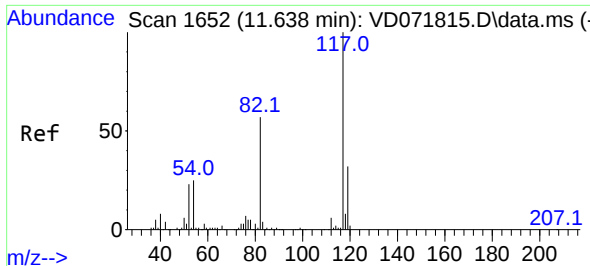
Tgt Ion: 98 Resp: 130596
Ion Ratio Lower Upper
98 100
100 63.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.59 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

Tgt Ion: 95 Resp: 46554
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 72.9 0.0 145.4

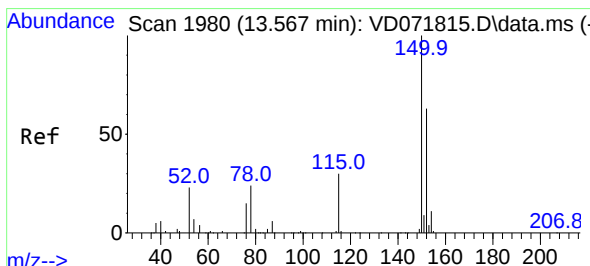
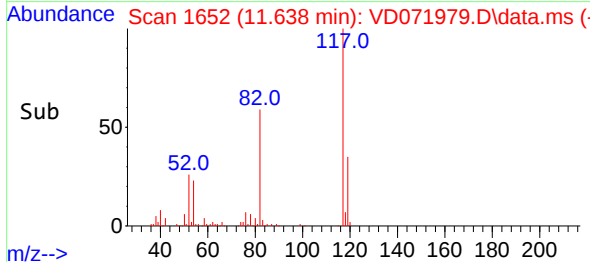
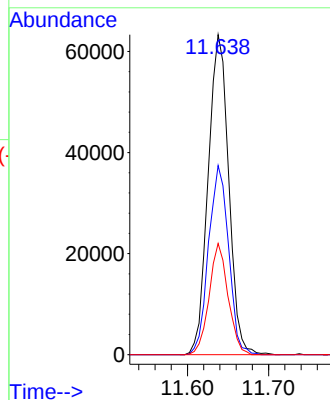
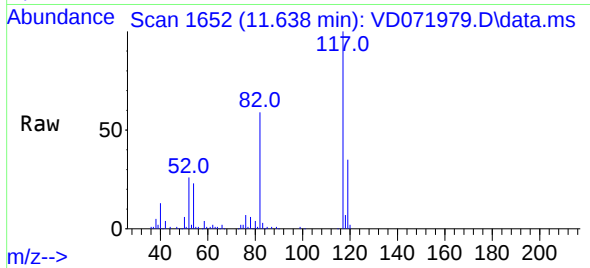




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

Tgt Ion:	117	Resp:	111293
Ion	Ratio	Lower	Upper
117	100		
82	59.1	45.3	67.9
119	34.8	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071979.D
Acq: 15 Feb 2022 15:44

Tgt Ion:	152	Resp:	49149
Ion	Ratio	Lower	Upper
152	100		
115	64.6	31.3	93.8
150	160.3	0.0	348.6

