

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021820\
 Data File : VN060140.D
 Acq On : 18 Feb 2020 17:27
 Operator : JC/MD
 Sample : L1484-02
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

Quant Time: Feb 18 17:55:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	170839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	273076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	248551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	118168	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	102620	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.56	113	80958	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.08	98	328691	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	118192	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

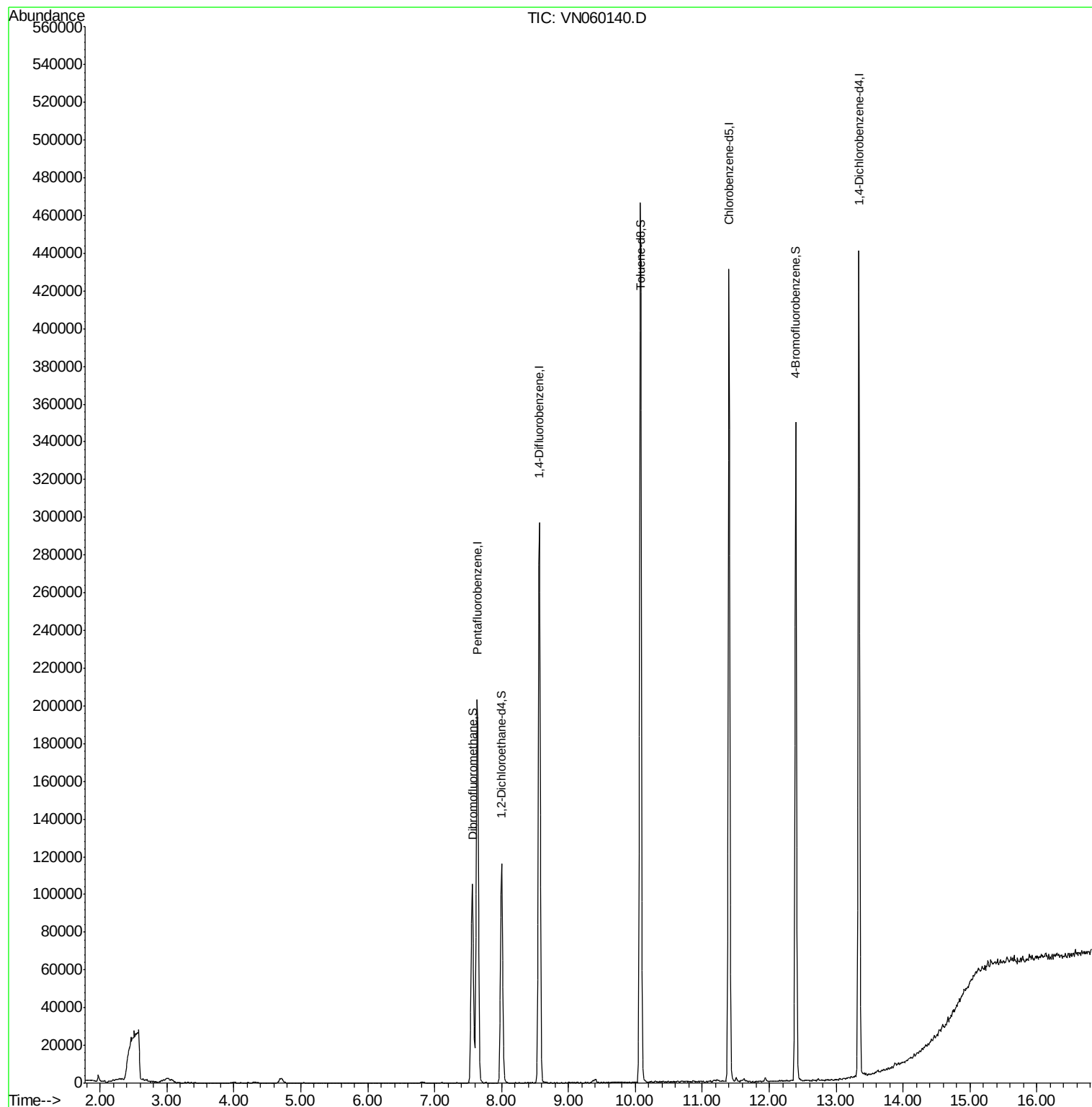
Target Compounds	Qvalue

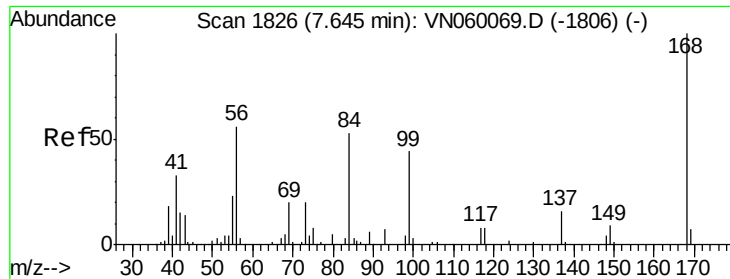
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060140.D

Acq: 18 Feb 2020 17:27

Instrument :

MSVOA_N

ClientSampled :

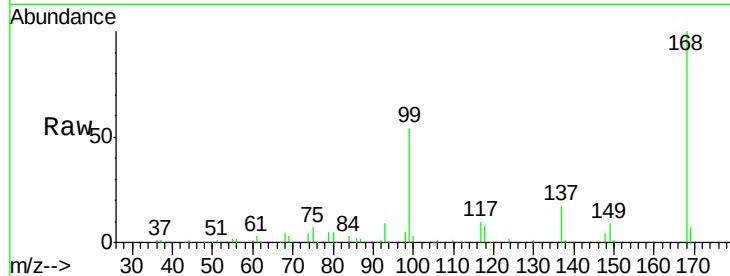
SP-2

Tot Ion:168 Resp: 170839

Ion Ratio Lower Upper

168 100

99 54.3 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

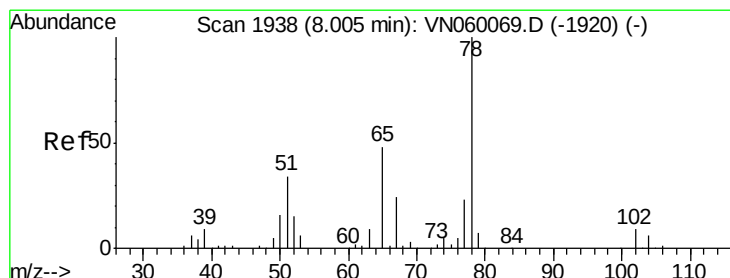
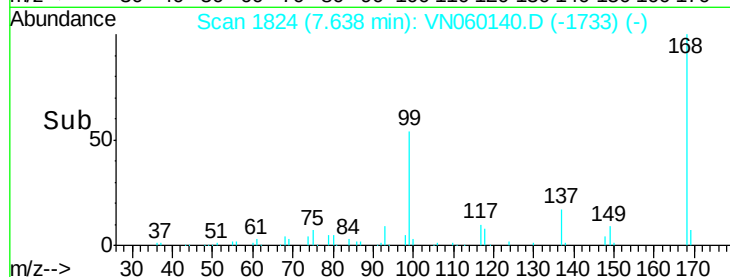
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.365 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060140.D

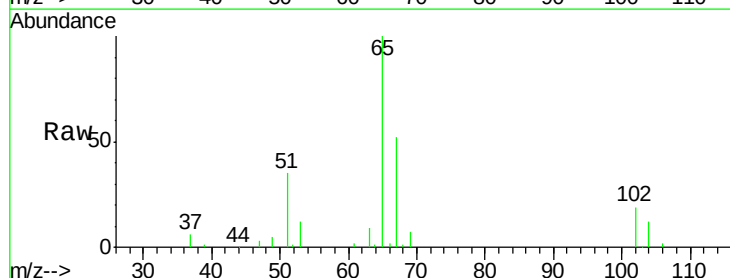
Acq: 18 Feb 2020 17:27

Tgt Ion: 65 Resp: 102620

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

50000

40000

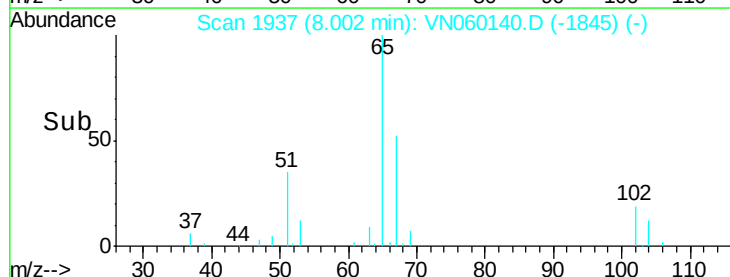
30000

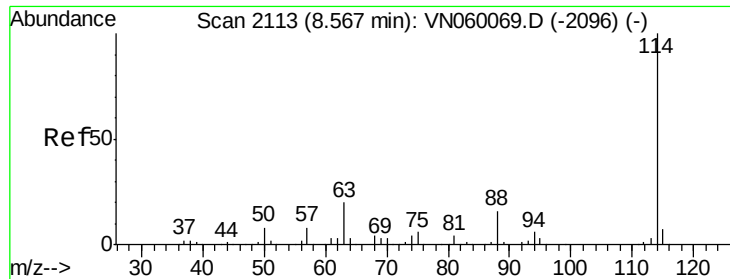
20000

10000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060140.D

Acq: 18 Feb 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

SP-2

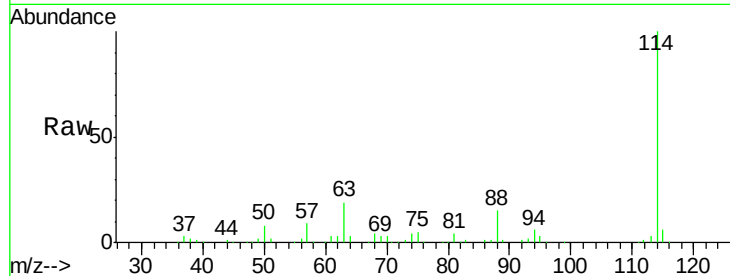
Tot Ion:114 Resp: 273076

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

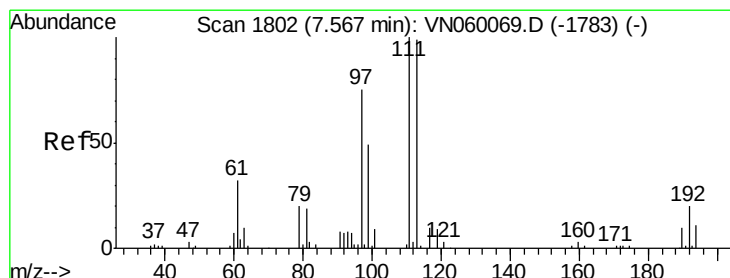
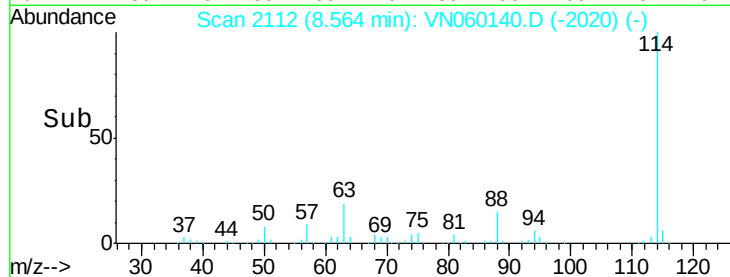
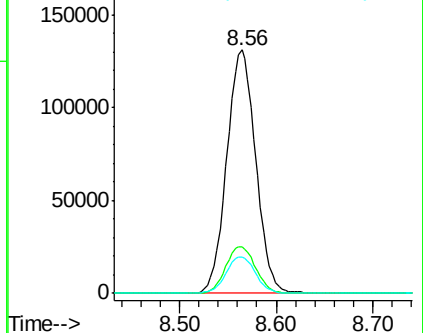
88 14.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.230 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060140.D

Acq: 18 Feb 2020 17:27

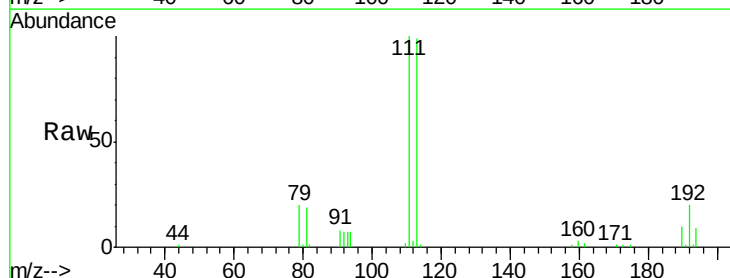
Tgt Ion:113 Resp: 80958

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.2

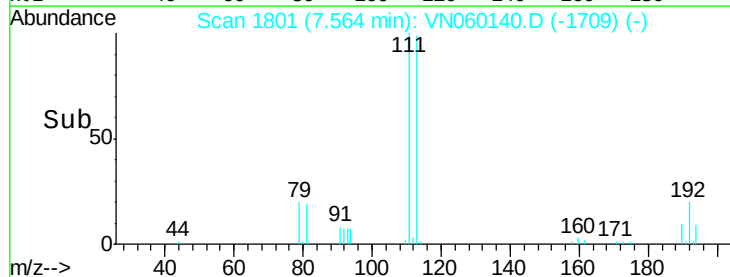
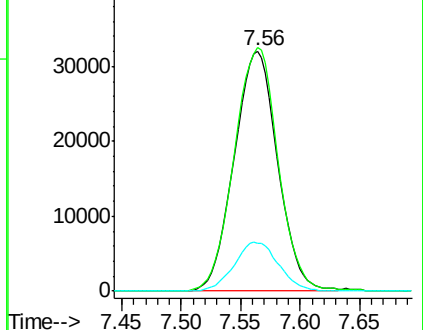
192 20.6 16.2 24.2

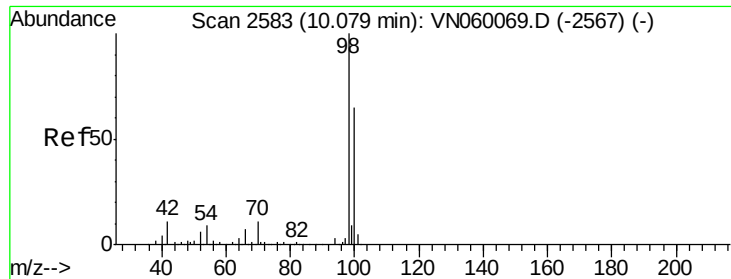


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

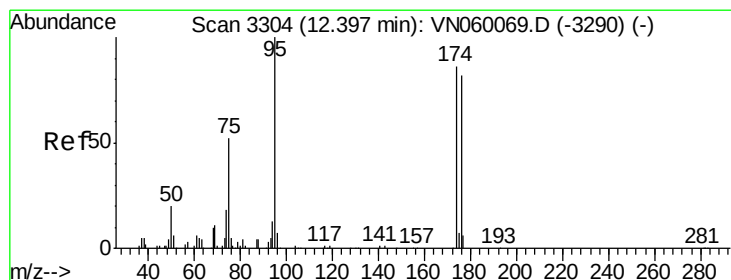
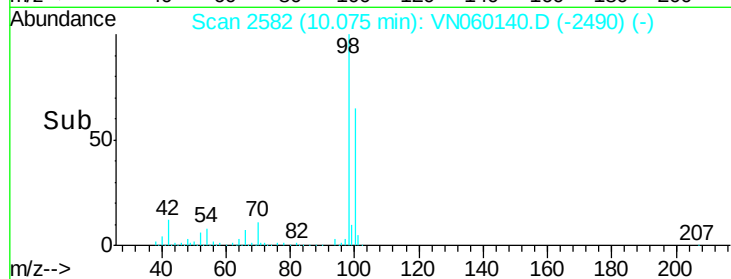
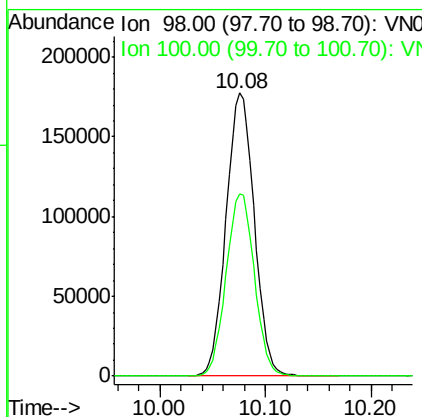
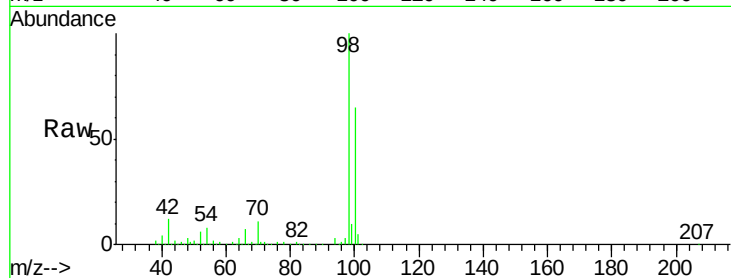




#50
Toluene-d8
Concen: 49.725 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060140.D
Acq: 18 Feb 2020 17:27

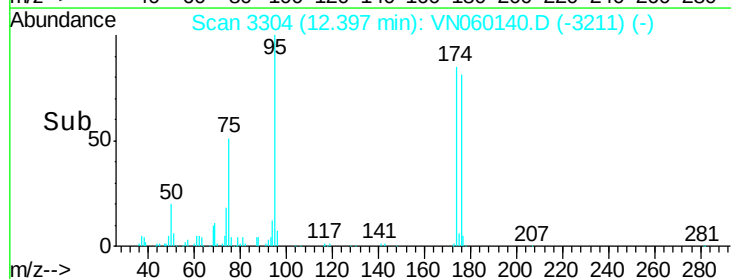
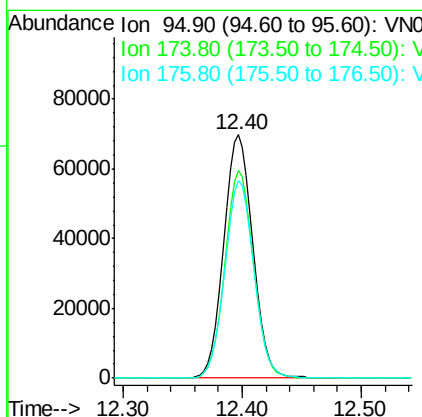
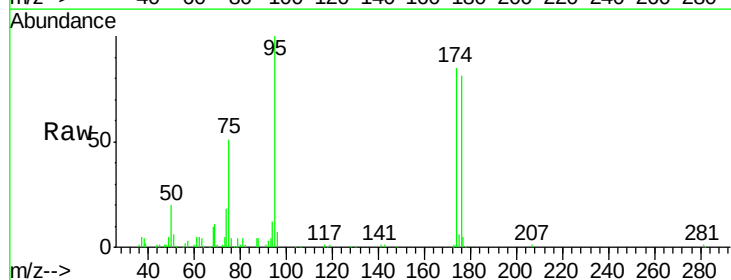
Instrument :
MSVOA_N
ClientSampleId :
SP-2

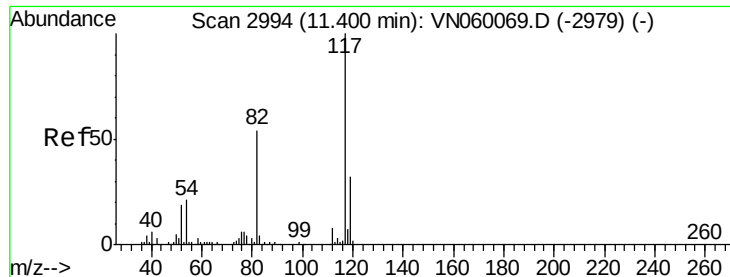
Tot Ion: 98 Resp: 328691
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.660 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060140.D
Acq: 18 Feb 2020 17:27

Tgt Ion: 95 Resp: 118192
Ion Ratio Lower Upper
95 100
174 84.3 0.0 169.8
176 81.4 0.0 164.8

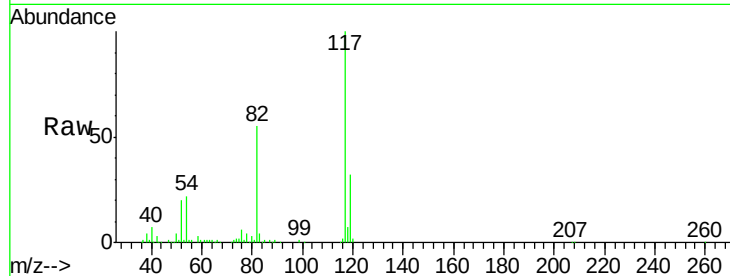




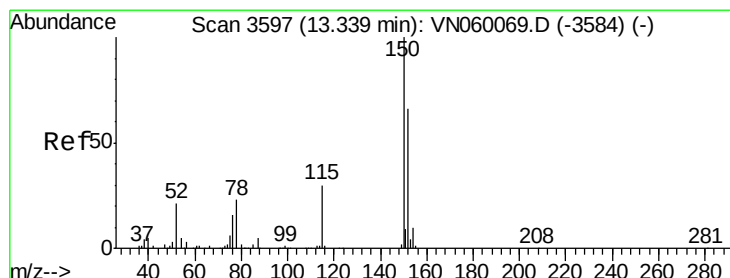
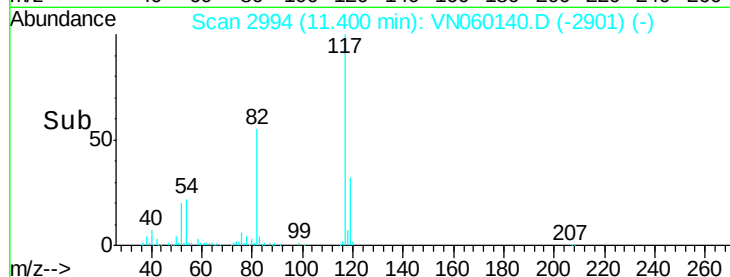
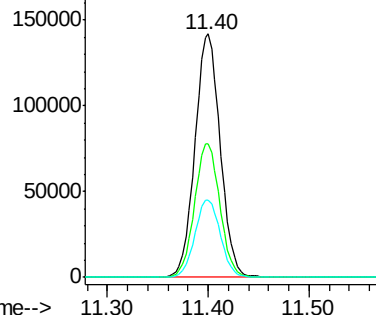
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060140.D
Acq: 18 Feb 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
SP-2

Tot Ion:117 Resp: 248551
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.0 25.8 38.6

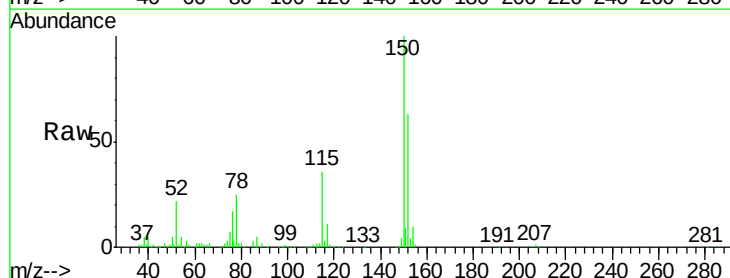


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060140.D
Acq: 18 Feb 2020 17:27

Tgt Ion:152 Resp: 118168
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 159.5 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

