

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112919\
 Data File : VN059445.D
 Acq On : 29 Nov 2019 14:01
 Operator : JC/SP
 Sample : K6024-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-4-(0.5-1.0)

Quant Time: Nov 29 23:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	340074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	522988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	458168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	174907	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	193688	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.57	113	158226	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.08	98	630127	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	201888	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

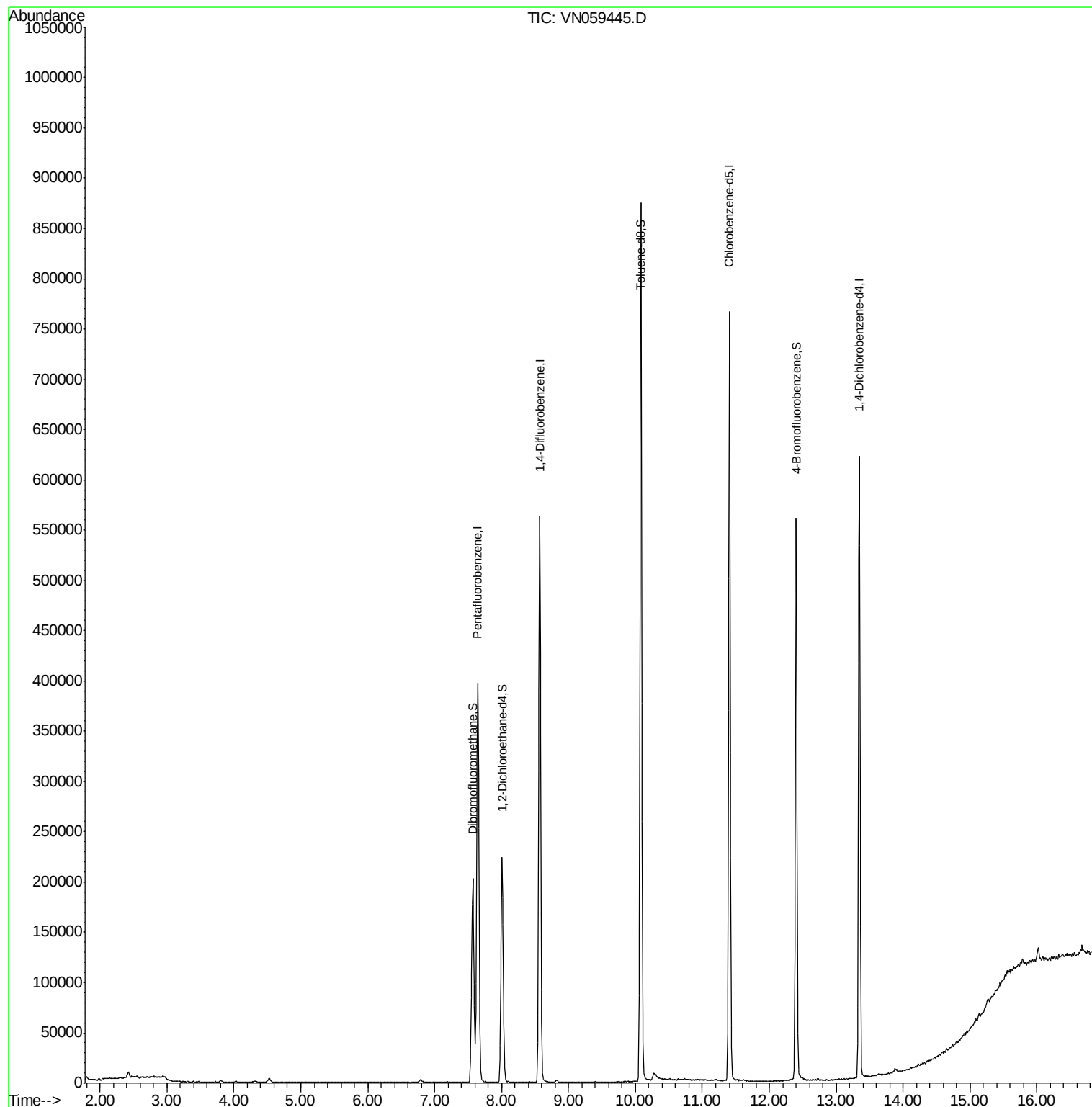
Target Compounds	Qvalue

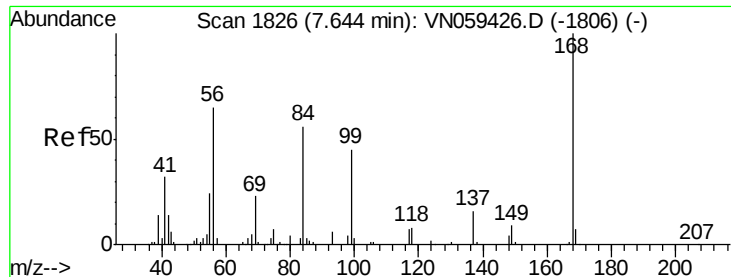
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059445.D

Acq: 29 Nov 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

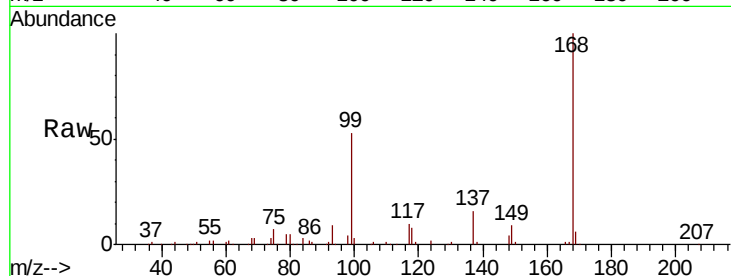
B-4-(0.5-1.0)

Tot Ion:168 Resp: 340074

Ion Ratio Lower Upper

168 100

99 53.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

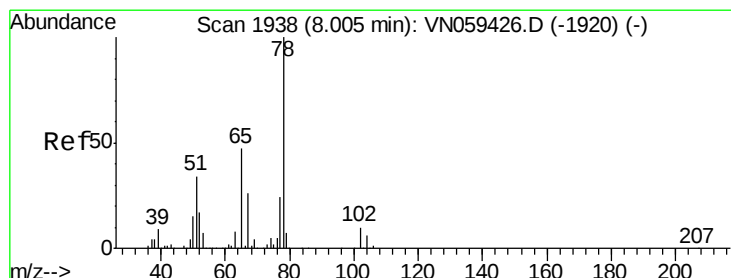
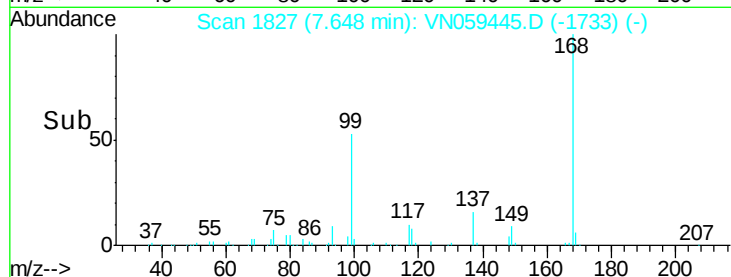
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.621 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059445.D

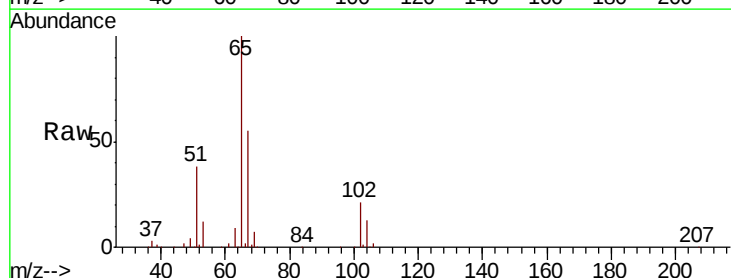
Acq: 29 Nov 2019 14:01

Tgt Ion: 65 Resp: 193688

Ion Ratio Lower Upper

65 100

67 54.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

80000

60000

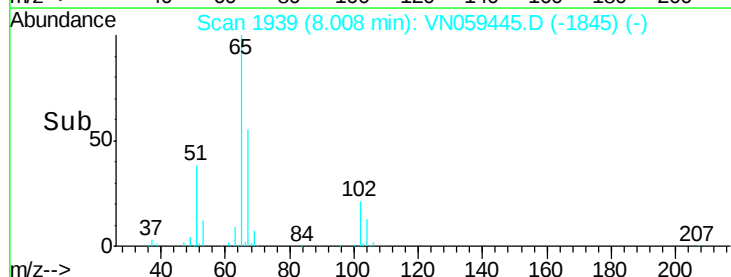
40000

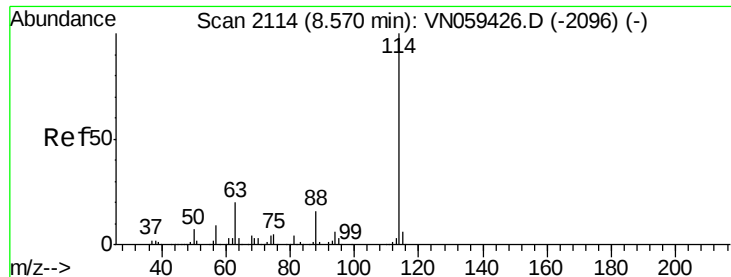
20000

0

7.90 8.00 8.10 8.20

Time-->

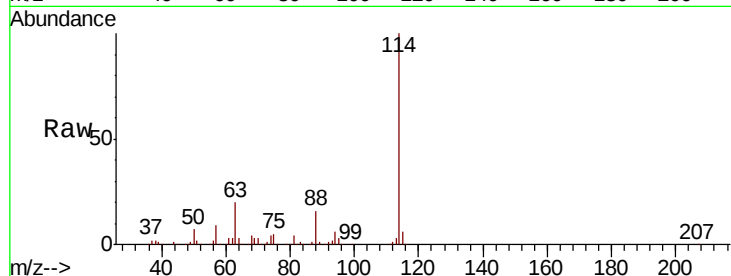




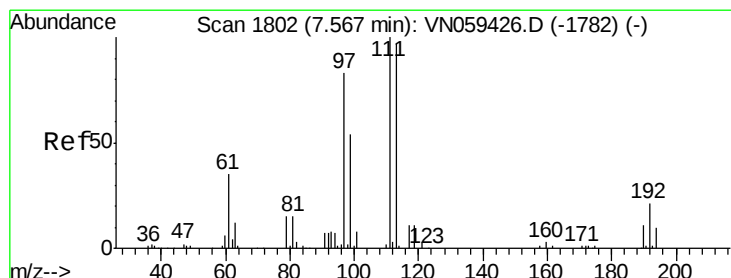
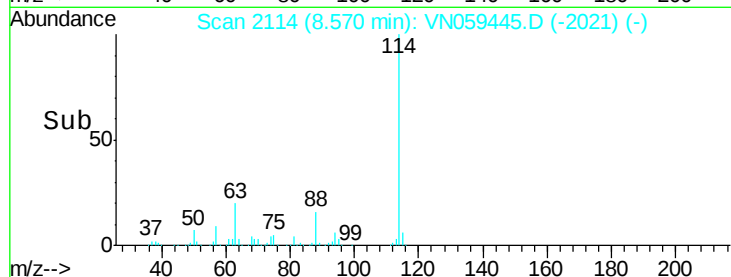
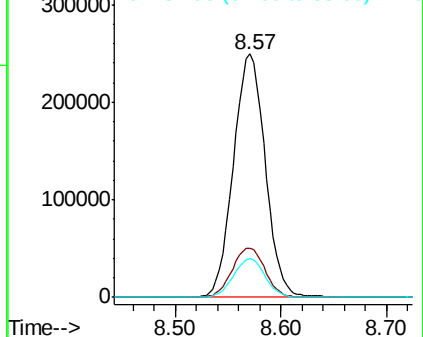
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059445.D
 Acq: 29 Nov 2019 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 B-4-(0.5-1.0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.4
88	16.0	0.0	32.2

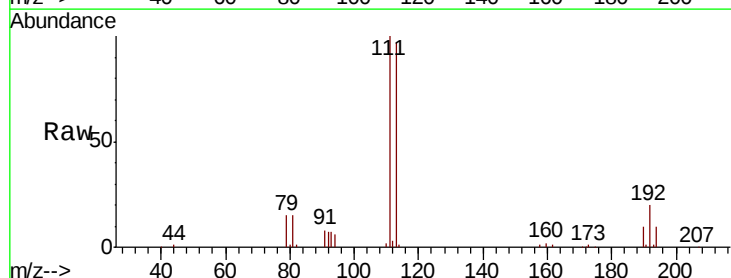


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

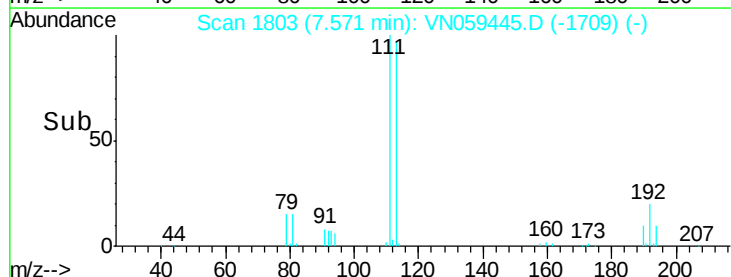
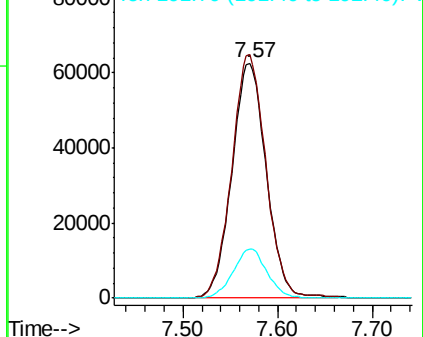


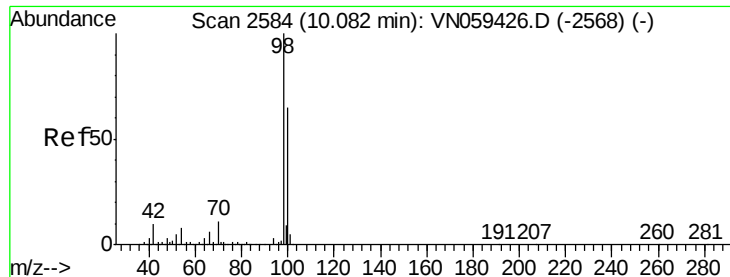
#35
 Dibromofluoromethane
 Concen: 49.669 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059445.D
 Acq: 29 Nov 2019 14:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	20.5	16.6	24.8



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: 49.643 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059445.D

Acq: 29 Nov 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

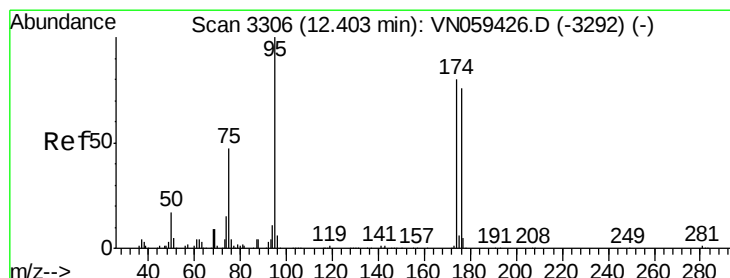
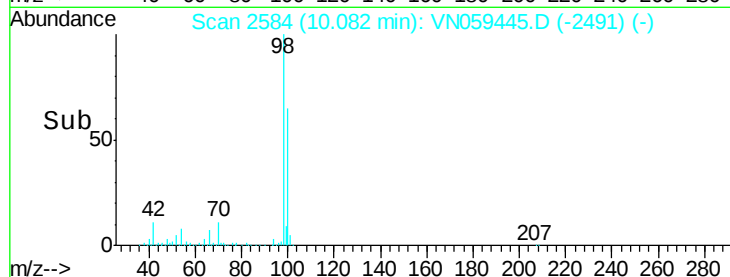
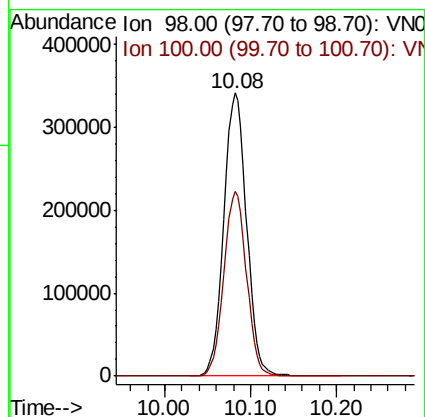
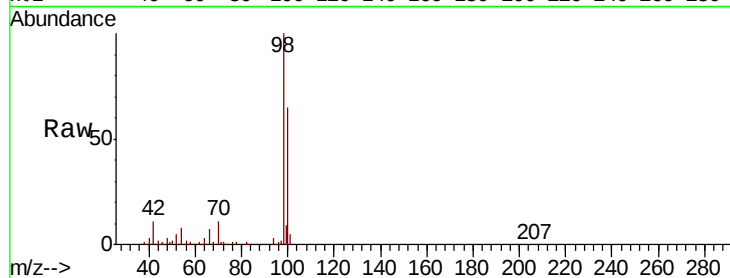
B-4-(0.5-1.0)

Tot Ion: 98 Resp: 630127

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.681 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059445.D

Acq: 29 Nov 2019 14:01

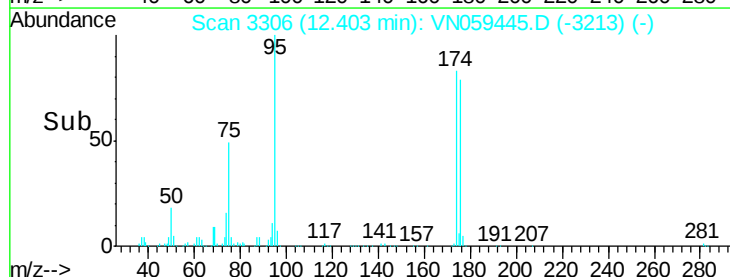
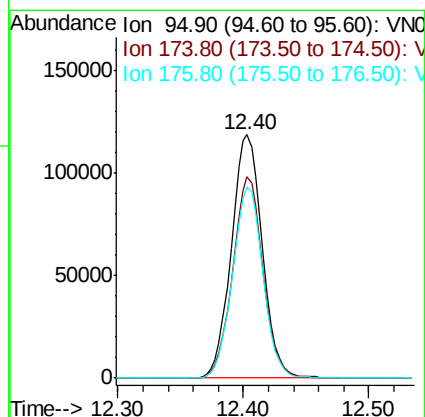
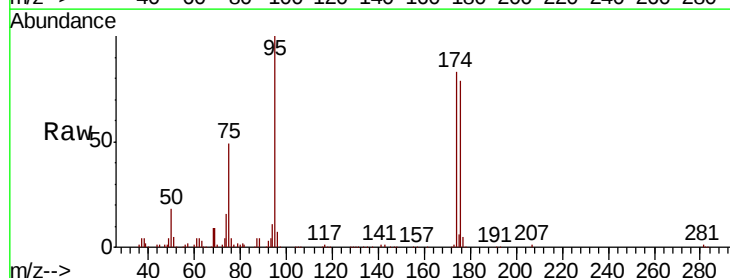
Tgt Ion: 95 Resp: 201888

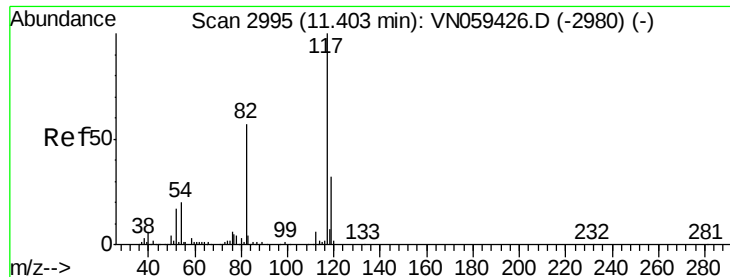
Ion Ratio Lower Upper

95 100

174 81.2 0.0 158.0

176 77.9 0.0 153.0

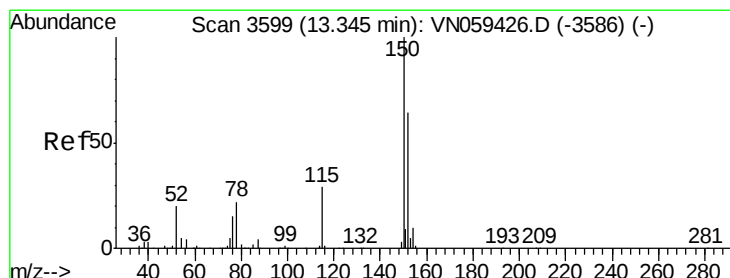
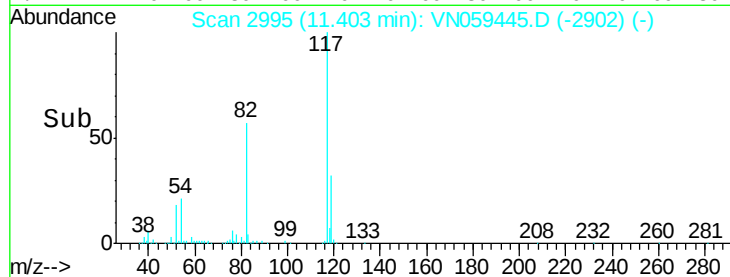
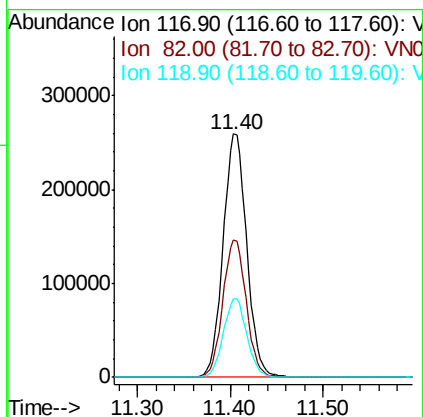
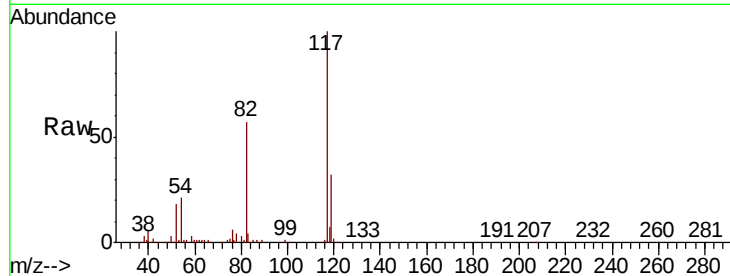




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059445.D
Acq: 29 Nov 2019 14:01

Instrument :
MSVOA_N
ClientSampled :
B-4-(0.5-1.0)

Tot Ion:117 Resp: 458168
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059445.D
Acq: 29 Nov 2019 14:01

Tgt Ion:152 Resp: 174907
Ion Ratio Lower Upper
152 100
115 58.8 29.5 88.6
150 156.1 0.0 347.2

