

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011620\
 Data File : VN059744.D
 Acq On : 16 Jan 2020 19:59
 Operator : JC/MD
 Sample : L1160-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 400115761

Quant Time: Jan 17 08:29:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

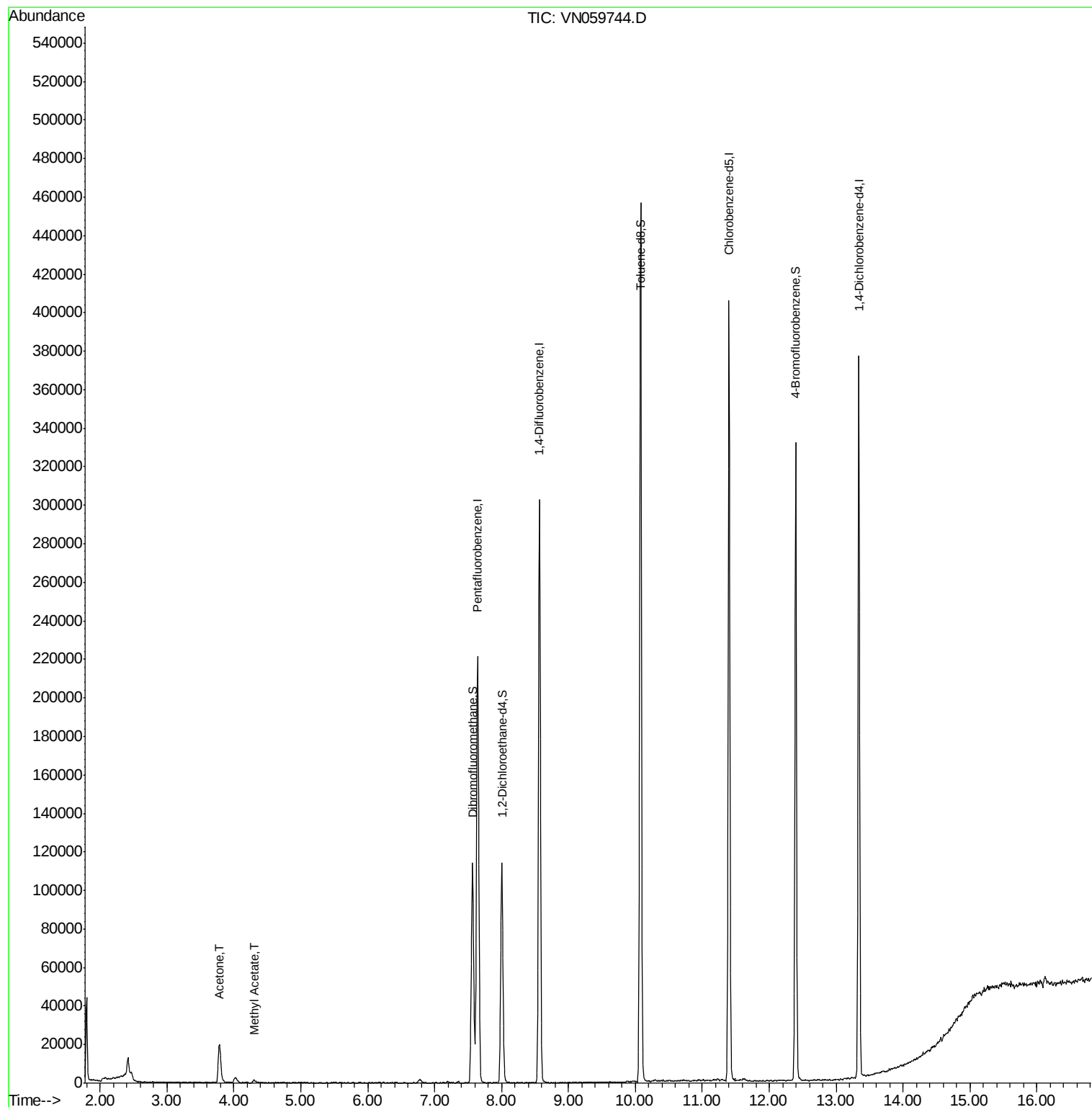
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	284785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	99086	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
35) Dibromofluoromethane	7.57	113	86489	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	10.08	98	325374	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	109913	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
16) Acetone	3.78	43	34458	38.798	ug/l	95
18) Methyl Acetate	4.29	43	3089	1.237	ug/l #	86

(#) = 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# 1825

Delta R.T. 0.00 min

Lab File: VN059744.D

Acq: 16 Jan 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

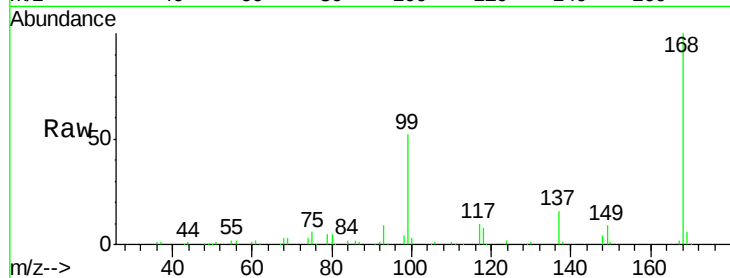
400115761

Tot Ion:168 Resp: 192517

Ion Ratio Lower Upper

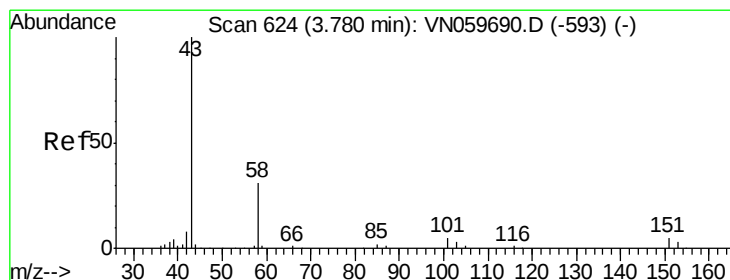
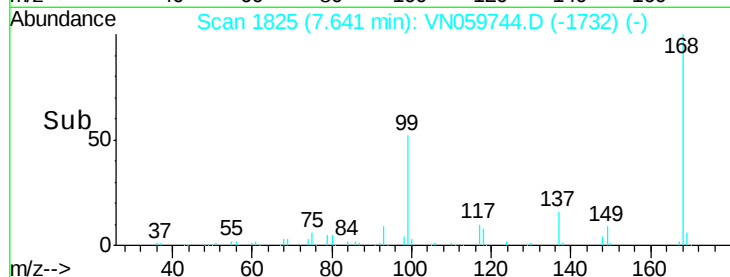
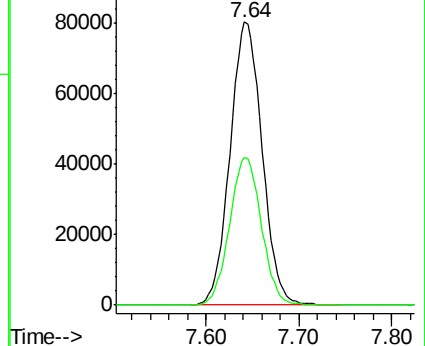
168 100

99 52.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 38.798 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN059744.D

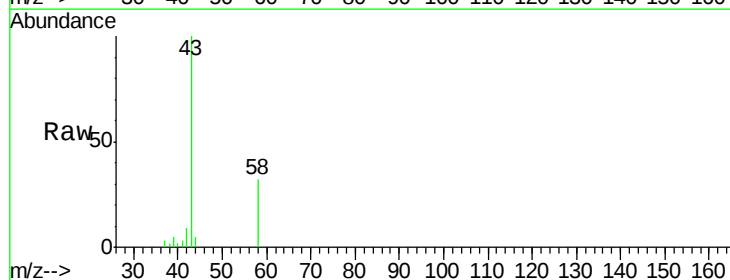
Acq: 16 Jan 2020 19:59

Tgt Ion: 43 Resp: 34458

Ion Ratio Lower Upper

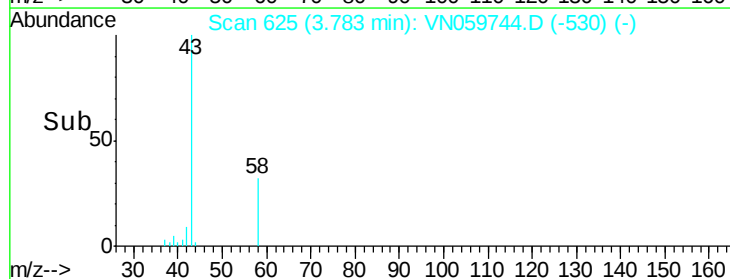
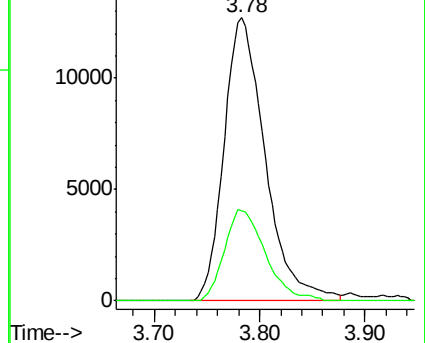
43 100

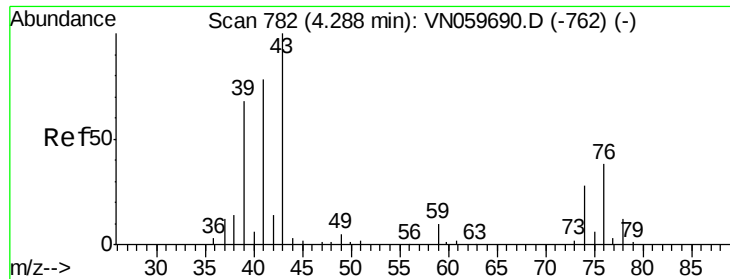
58 31.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

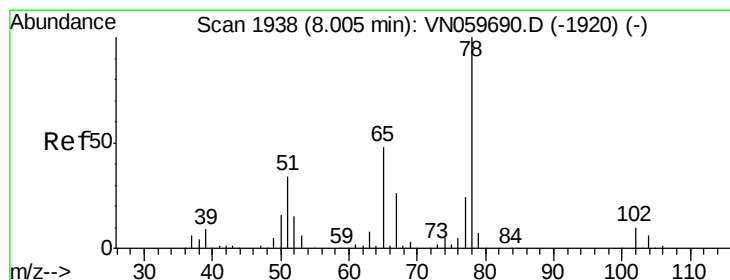
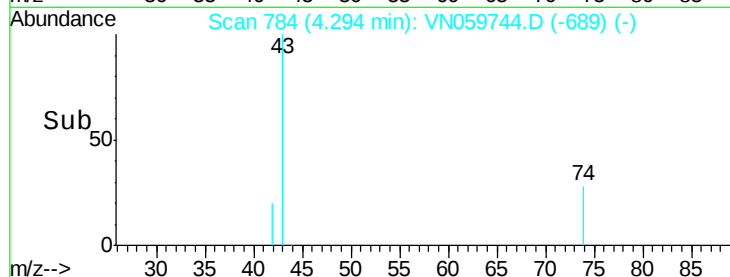
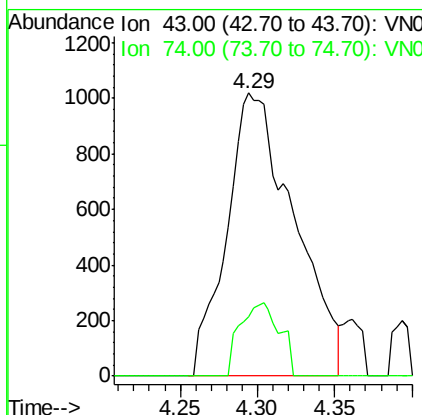
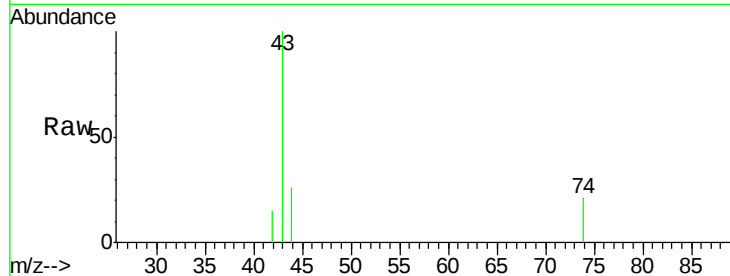




#18
Methvl Acetate
Concen: 1.237 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

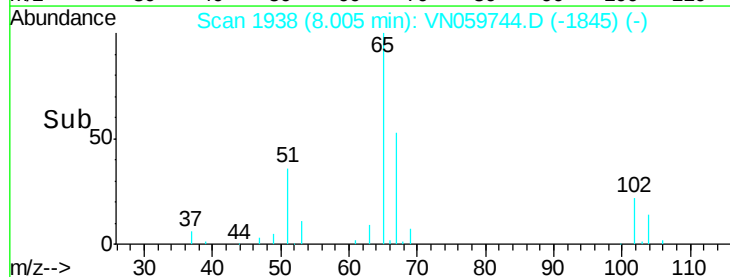
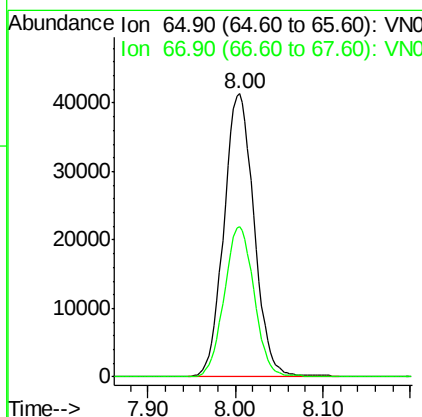
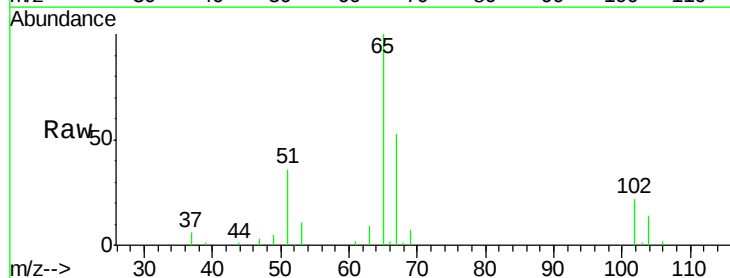
Instrument :
MSVOA_N
ClientSampleId :
400115761

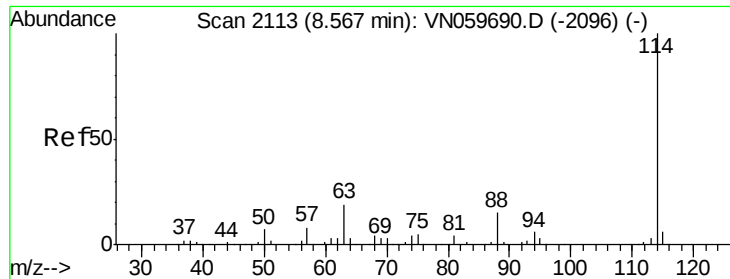
Tot Ion: 43 Resp: 3089
Ion Ratio Lower Upper
43 100
74 15.1 17.5 26.3#



#33
1,2-Dichloroethane-d4
Concen: 46.346 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Tgt Ion: 65 Resp: 99086
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

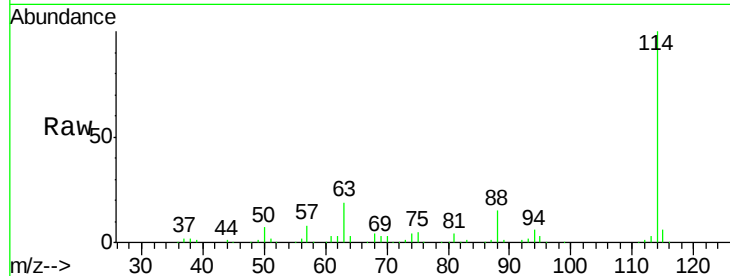




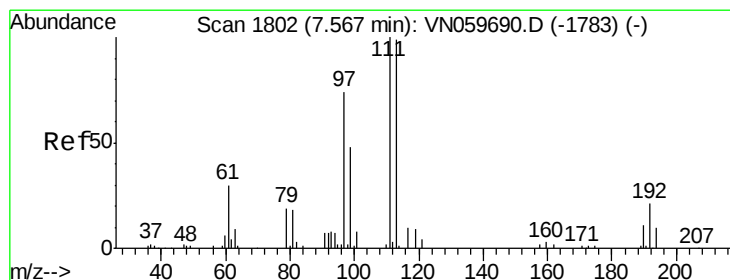
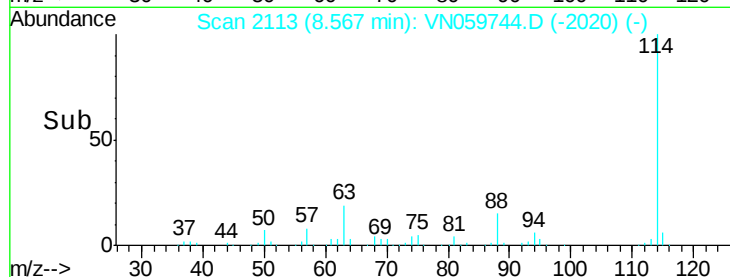
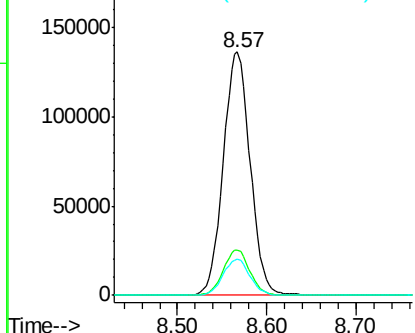
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
400115761

Tot Ion:114 Resp: 284785
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.6
88 14.6 0.0 31.4

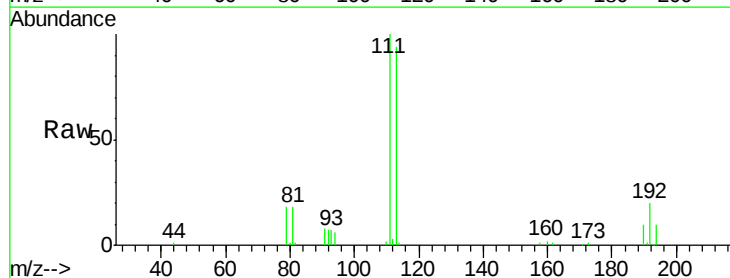


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

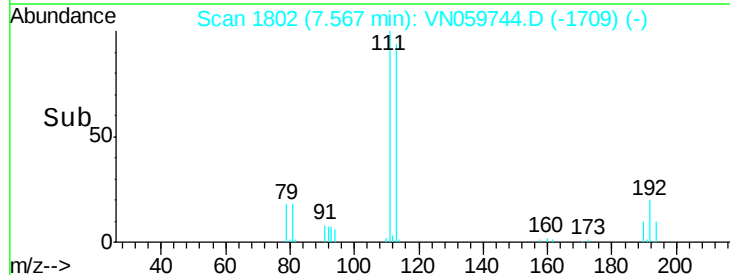
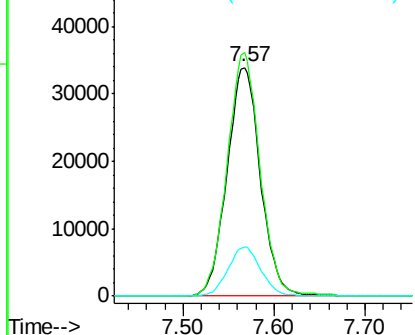


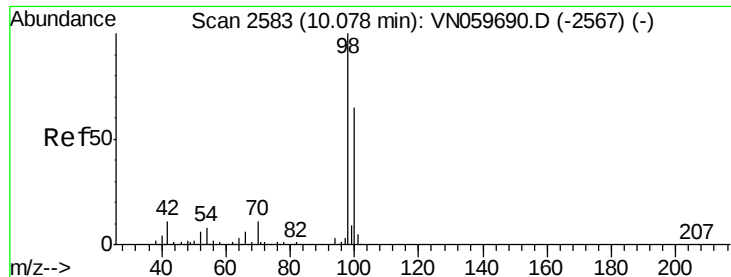
#35
Dibromofluoromethane
Concen: 50.927 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Tgt Ion:113 Resp: 86489
Ion Ratio Lower Upper
113 100
111 105.0 83.5 125.3
192 21.1 15.4 23.2



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: 49.448 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059744.D

Acq: 16 Jan 2020 19:59

Instrument :

MSVOA_N

ClientSampleId :

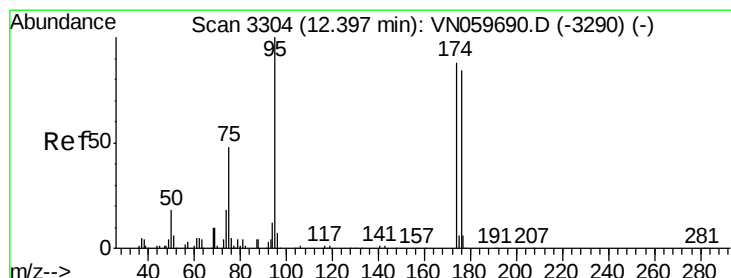
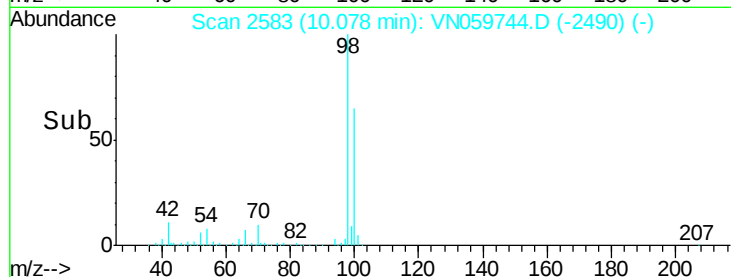
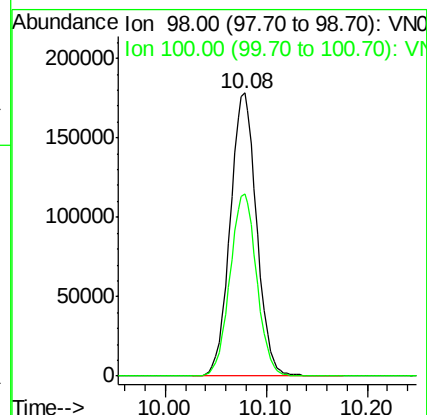
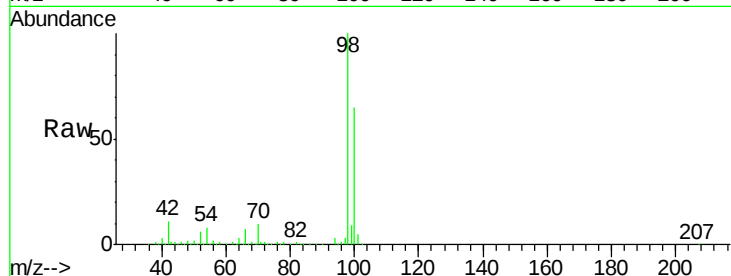
400115761

Tot Ion: 98 Resp: 325374

Ion Ratio Lower Upper

98 100

100 65.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.336 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059744.D

Acq: 16 Jan 2020 19:59

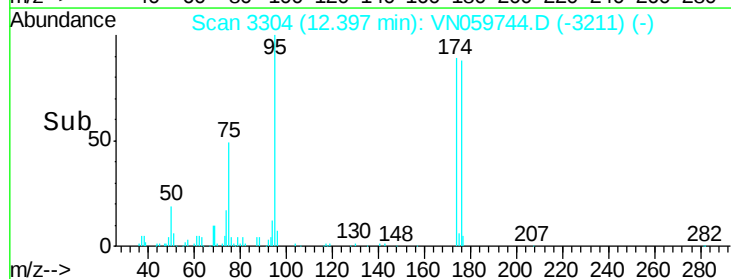
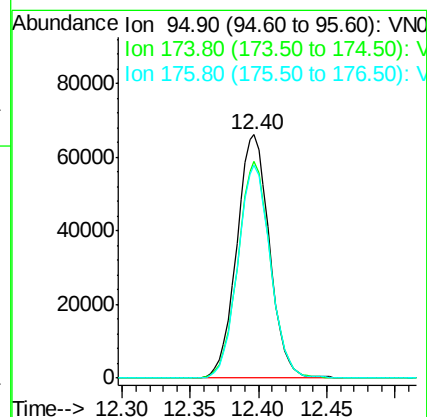
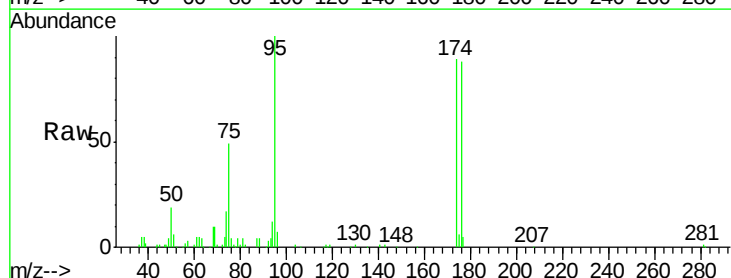
Tgt Ion: 95 Resp: 109913

Ion Ratio Lower Upper

95 100

174 88.3 0.0 151.4

176 87.4 0.0 146.0

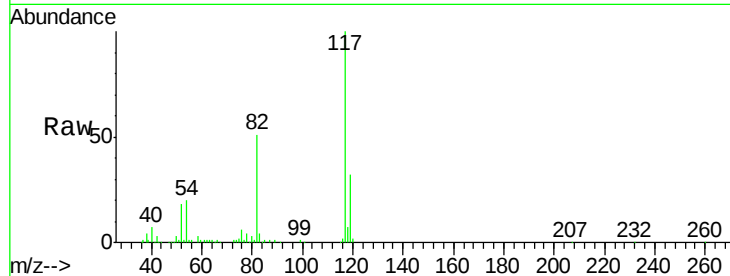




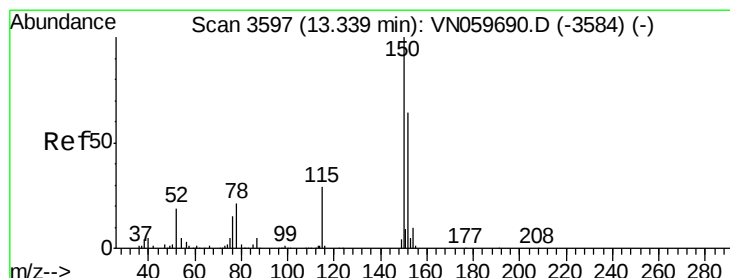
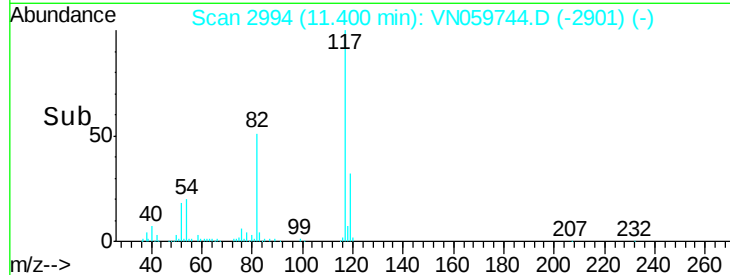
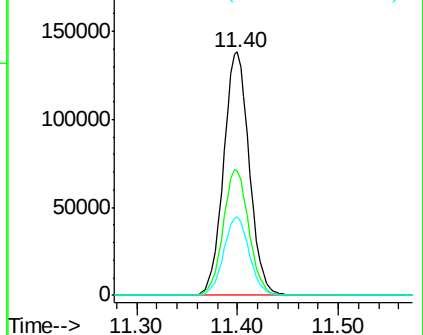
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Instrument :
MSVOA_N
ClientSampleId :
400115761

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	45.9	68.9
119	32.1	25.5	38.3

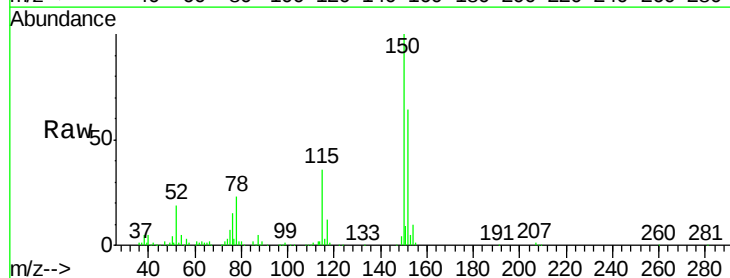


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059744.D
Acq: 16 Jan 2020 19:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	30.3	90.9
150	155.6	0.0	345.2



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

