

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060826.D
 Acq On : 2 Apr 2020 16:31
 Operator : JC/MD
 Sample : L2126-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2-4-1

Quant Time: Apr 03 09:07:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

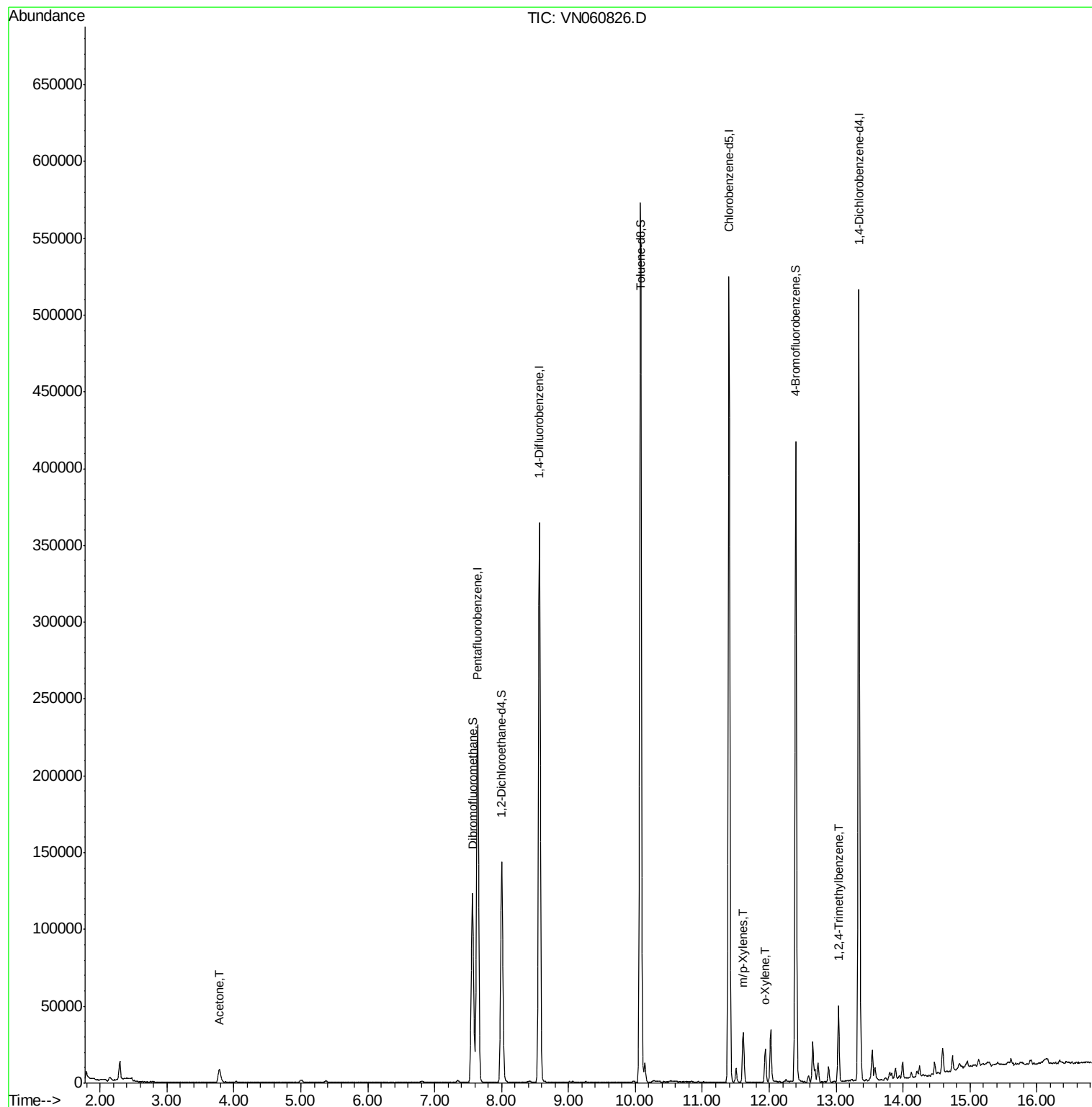
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123663	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	7.56	113	95942	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	10.08	98	396868	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	145975	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
Target Compounds						
16) Acetone	3.78	43	15403	16.485	ug/l	96
68) m/p-Xylenes	11.61	106	10659	2.595	ug/l	98
69) o-Xylene	11.94	106	5893	1.503	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	28163	3.315	ug/l	100

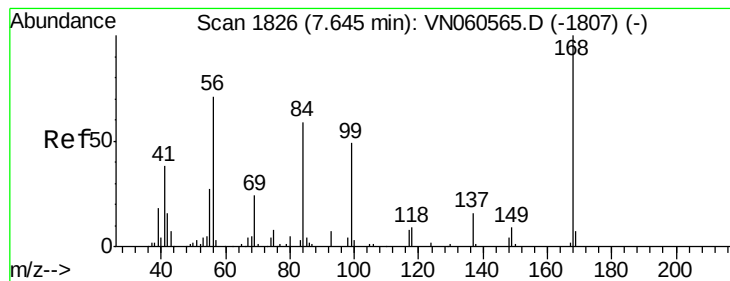
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
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: VN060826.D

Acq: 2 Apr 2020 16:31

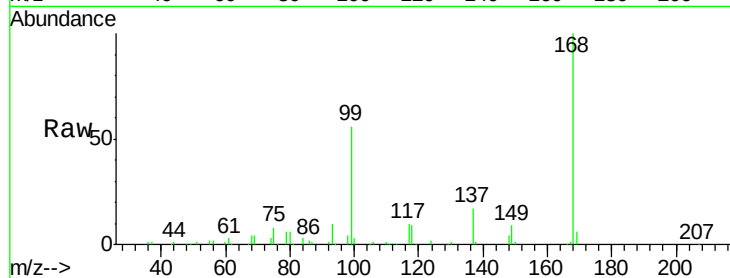
Instrument :
MSVOA_N
ClientSampled :
2-4-1

Tot Ion:168 Resp: 192151

Ion Ratio Lower Upper

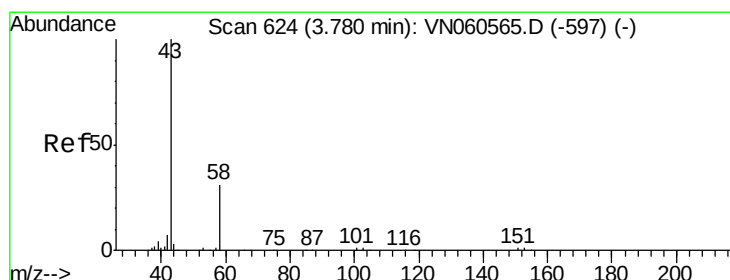
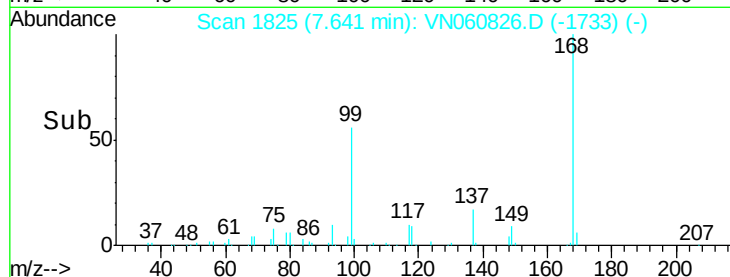
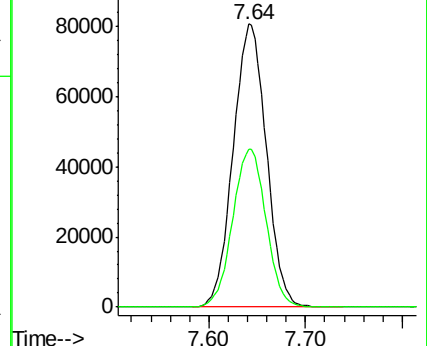
168 100

99 55.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 16.485 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060826.D

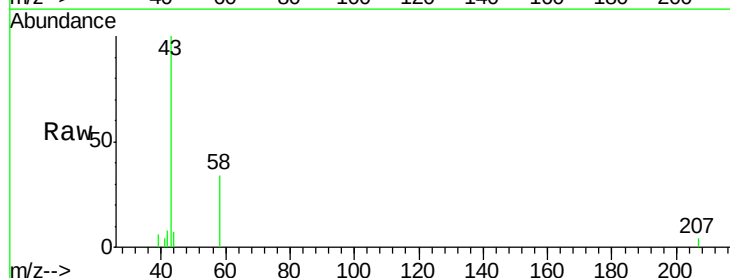
Acq: 2 Apr 2020 16:31

Tgt Ion: 43 Resp: 15403

Ion Ratio Lower Upper

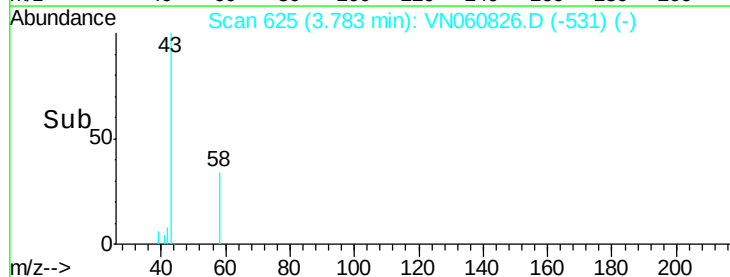
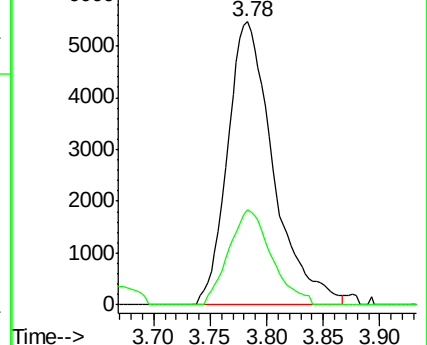
43 100

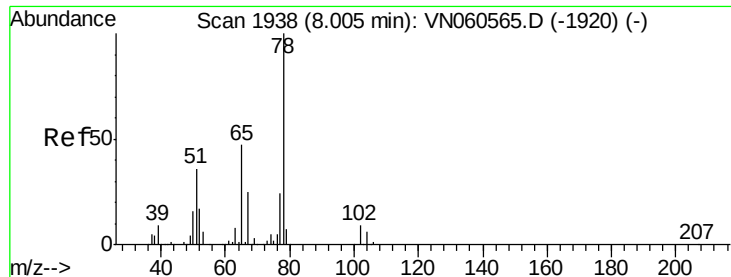
58 33.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

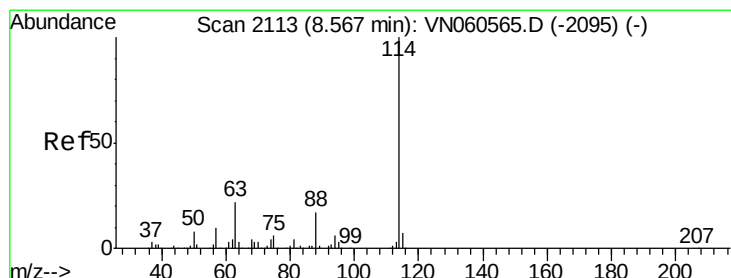
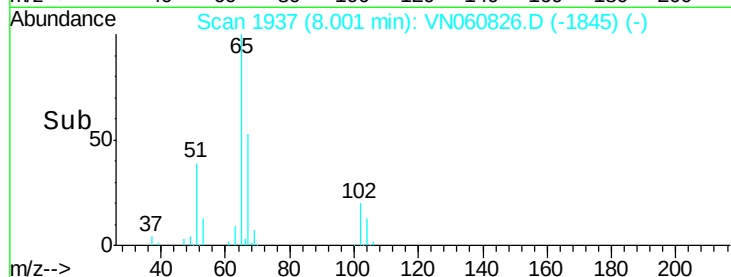
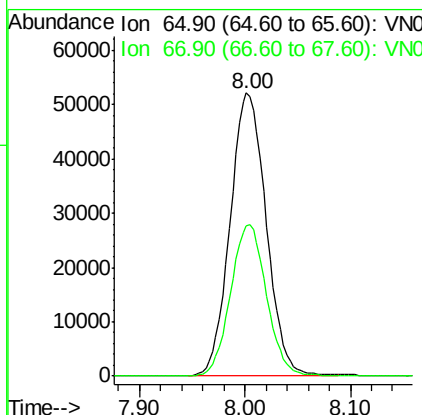
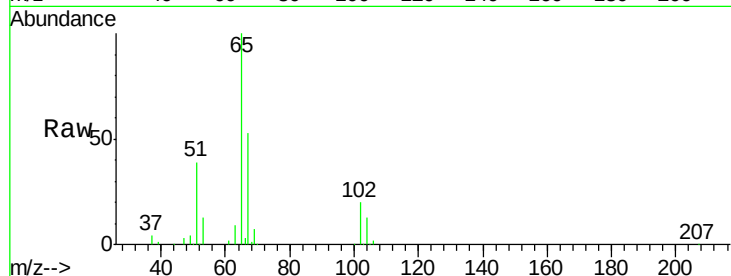




#33
 1,2-Dichloroethane-d4
 Concen: 46.881 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060826.D
 Acq: 2 Apr 2020 16:31

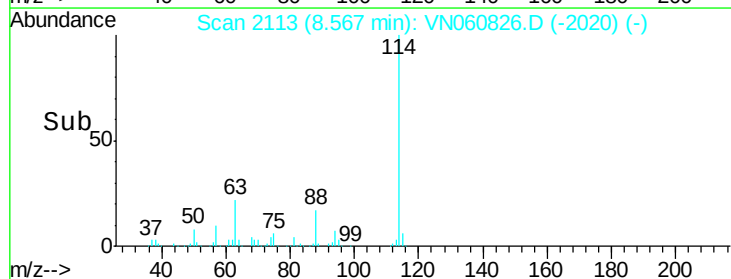
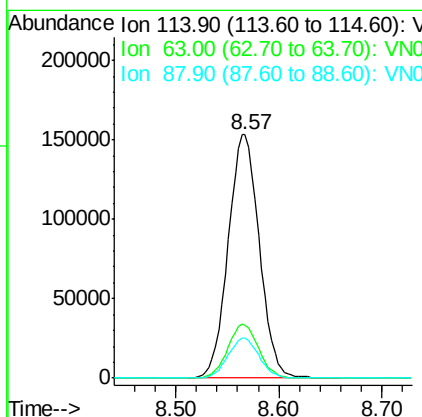
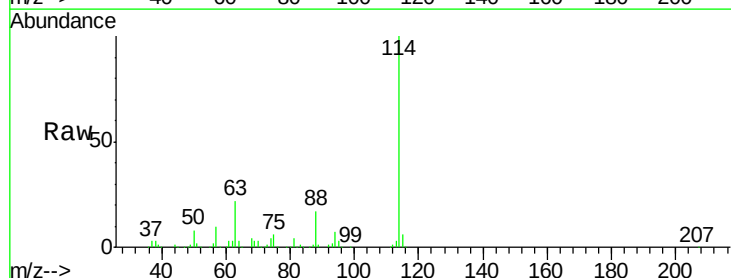
Instrument :
 MSVOA_N
 ClientSampleId :
 2-4-1

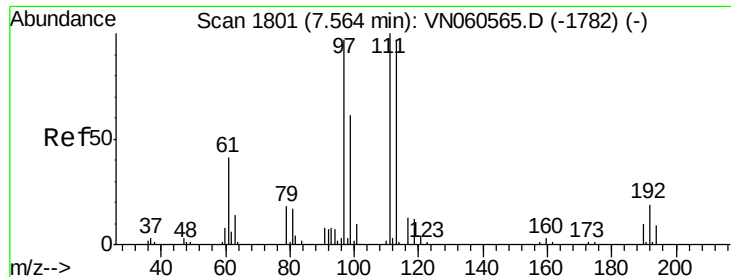
Tot Ion: 65 Resp: 123663
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060826.D
 Acq: 2 Apr 2020 16:31

Tgt Ion: 114 Resp: 322262
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.8
 88 16.6 0.0 33.0

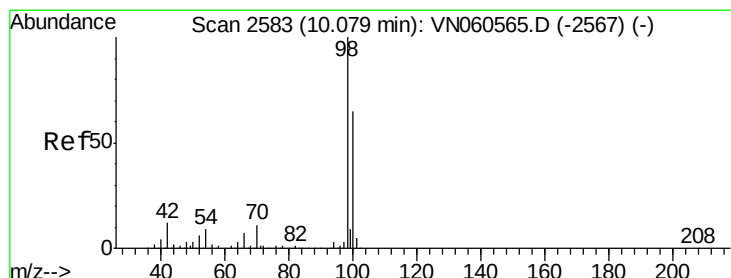
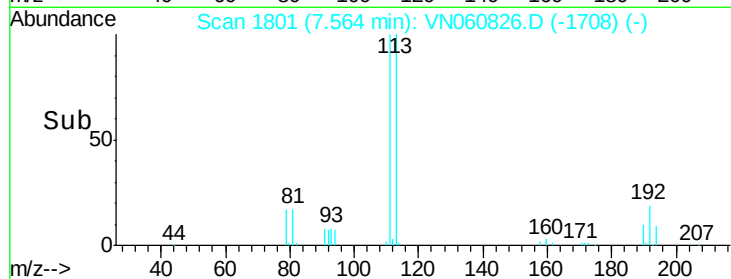
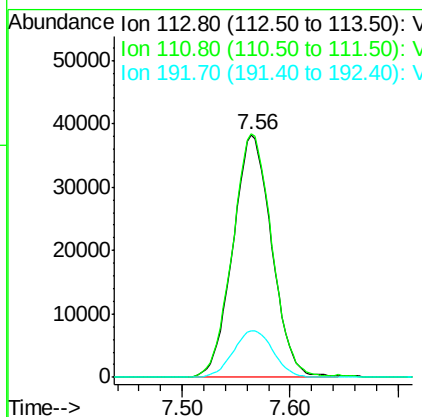
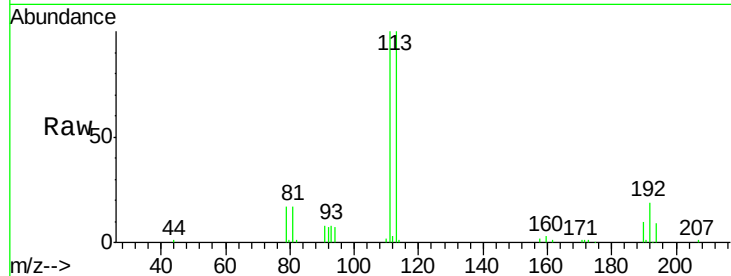




#35
 Dibromofluoromethane
 Concen: 49.236 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060826.D
 Acq: 2 Apr 2020 16:31

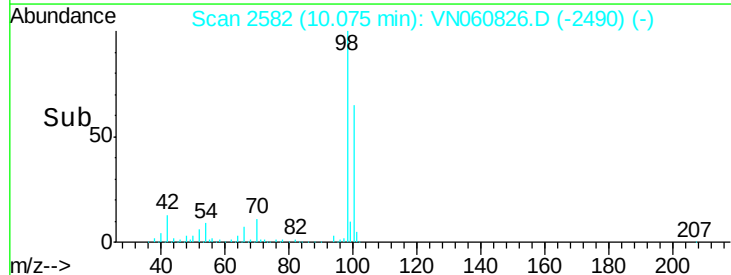
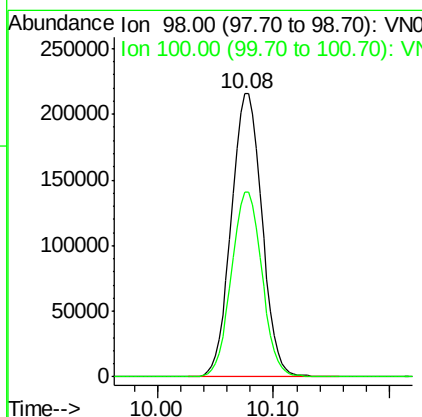
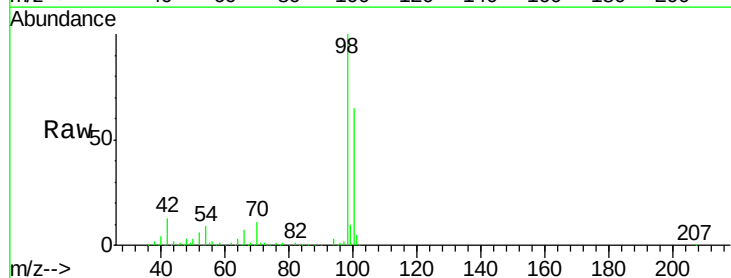
Instrument :
 MSVOA_N
 ClientSampled :
 2-4-1

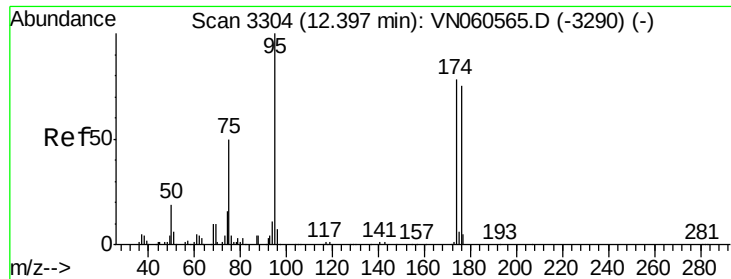
Tot Ion:113 Resp: 95942
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.9 124.3
 192 19.8 15.8 23.8



#50
 Toluene-d8
 Concen: 49.862 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060826.D
 Acq: 2 Apr 2020 16:31

Tgt Ion: 98 Resp: 396868
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.8 77.8

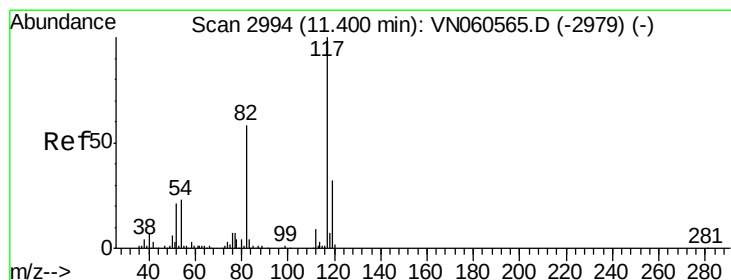
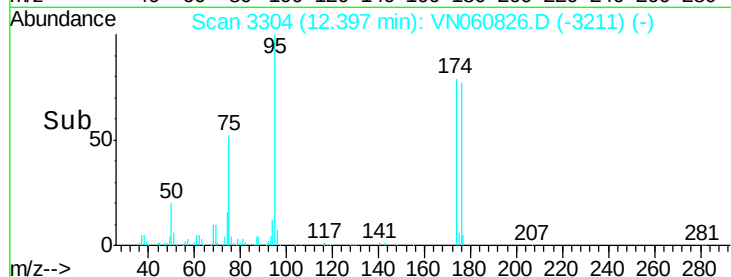
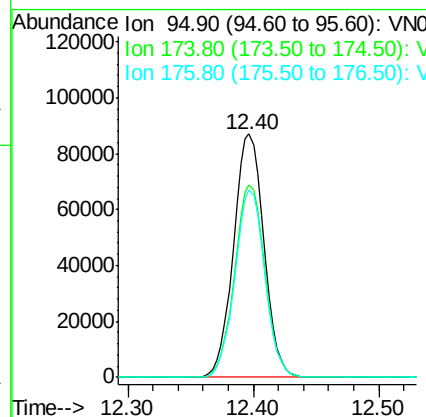
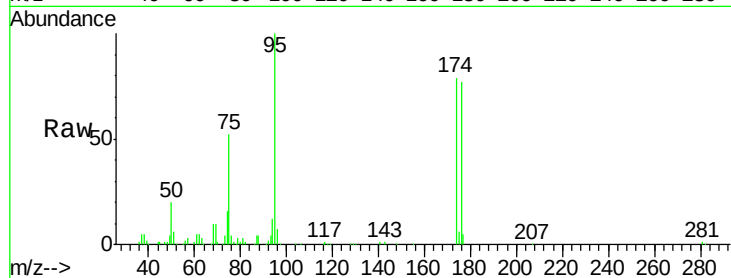




#62
4-Bromofluorobenzene
Concen: 50.043 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060826.D
Acq: 2 Apr 2020 16:31

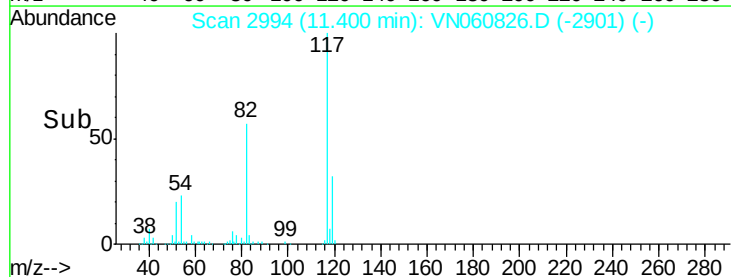
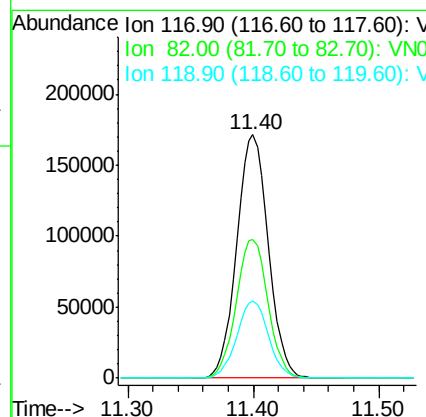
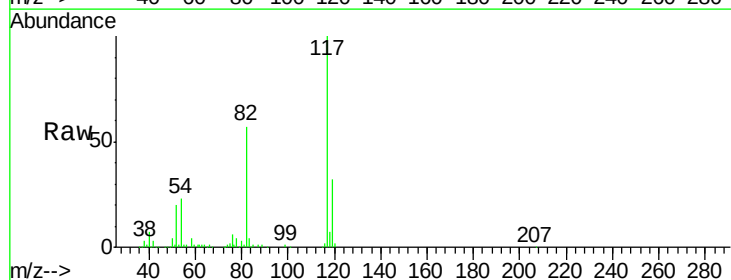
Instrument :
MSVOA_N
ClientSampled :
2-4-1

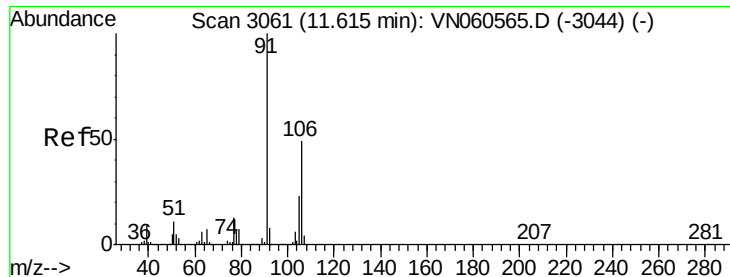
Tot Ion: 95 Resp: 145975
Ion Ratio Lower Upper
95 100
174 79.1 0.0 157.6
176 76.2 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060826.D
Acq: 2 Apr 2020 16:31

Tgt Ion: 117 Resp: 299809
Ion Ratio Lower Upper
117 100
82 57.2 46.7 70.1
119 31.7 25.5 38.3

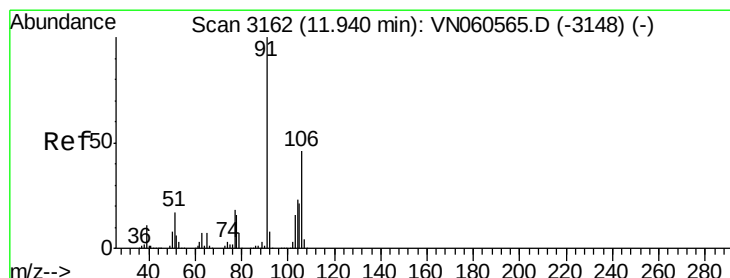
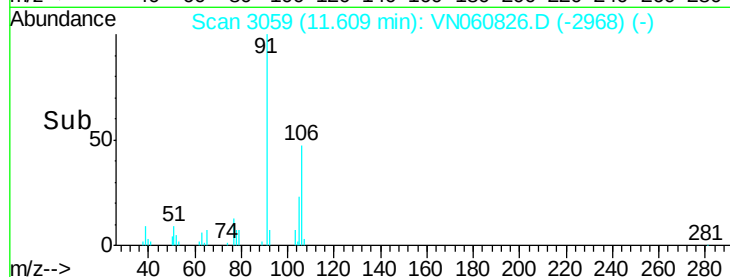
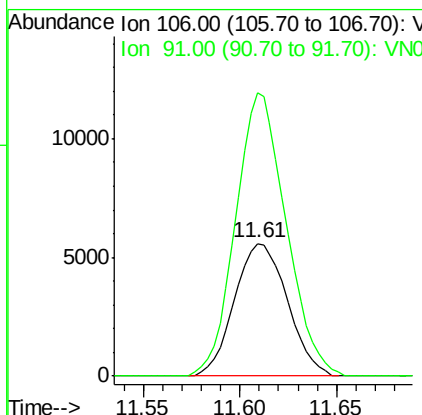
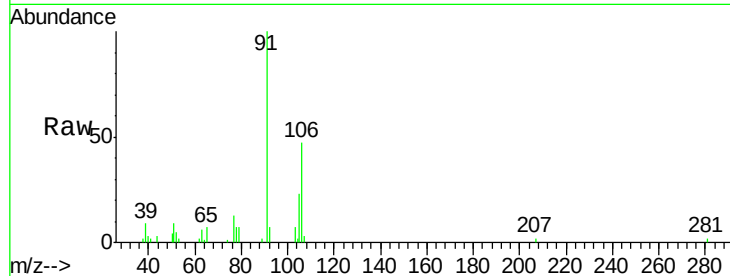




#68
m/p-Xylenes
Concen: 2.595 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060826.D
Acq: 2 Apr 2020 16:31

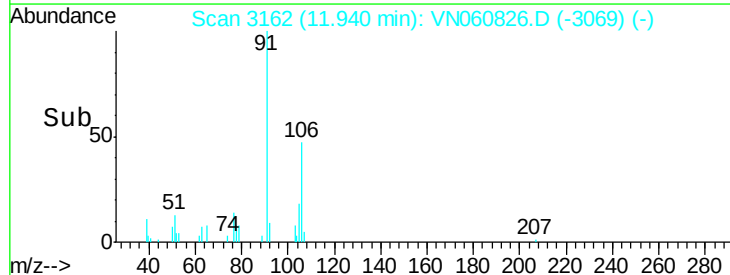
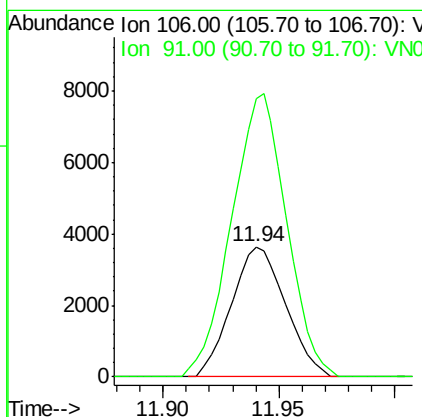
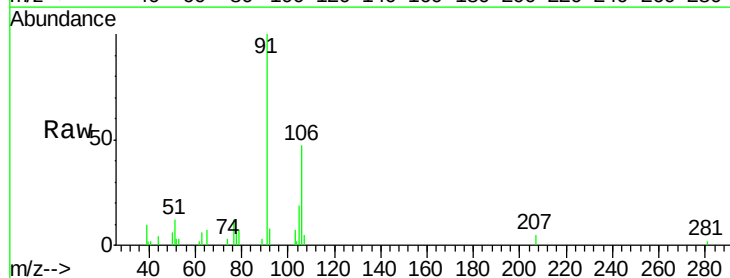
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MSVOA_N
ClientSampled :
2-4-1

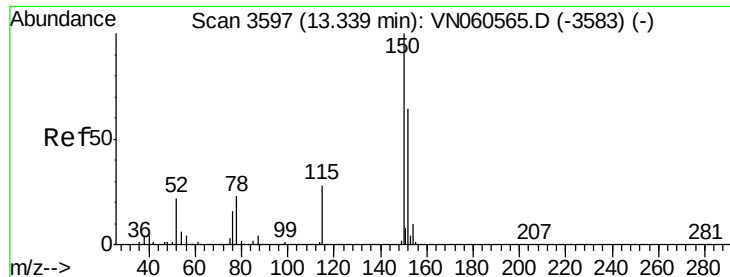
Tot Ion:106 Resp: 10659
Ion Ratio Lower Upper
106 100
91 203.2 165.0 247.4



#69
o-Xylene
Concen: 1.503 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060826.D
Acq: 2 Apr 2020 16:31

Tgt Ion:106 Resp: 5893
Ion Ratio Lower Upper
106 100
91 221.3 109.5 328.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060826.D

Acq: 2 Apr 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

2-4-1

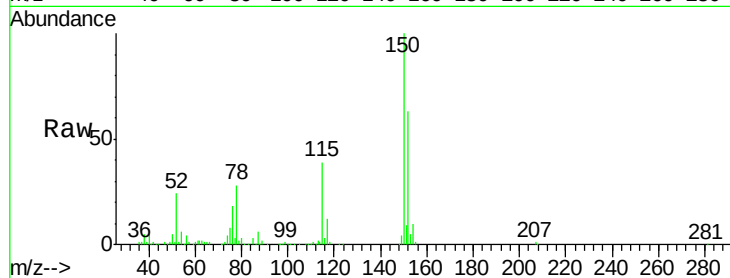
Tot Ion:152 Resp: 134835

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

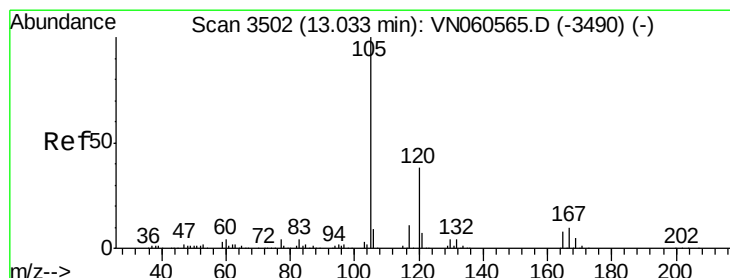
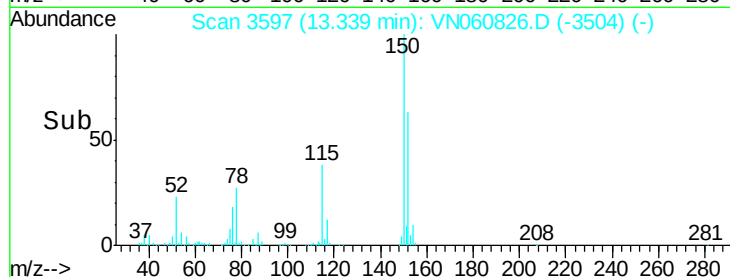
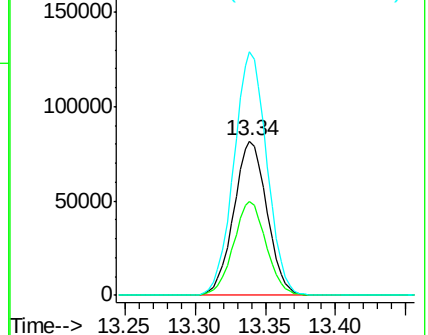
150 157.1 0.0 350.2



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



#84

1,2,4-Trimethylbenzene

Concen: 3.315 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060826.D

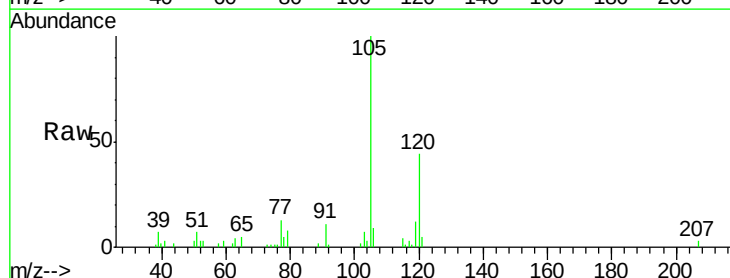
Acq: 2 Apr 2020 16:31

Tgt Ion:105 Resp: 28163

Ion Ratio Lower Upper

105 100

120 44.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

