

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060846.D
 Acq On : 6 Apr 2020 13:19
 Operator : JC/MD
 Sample : L2129-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Apr 07 07:44:09 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

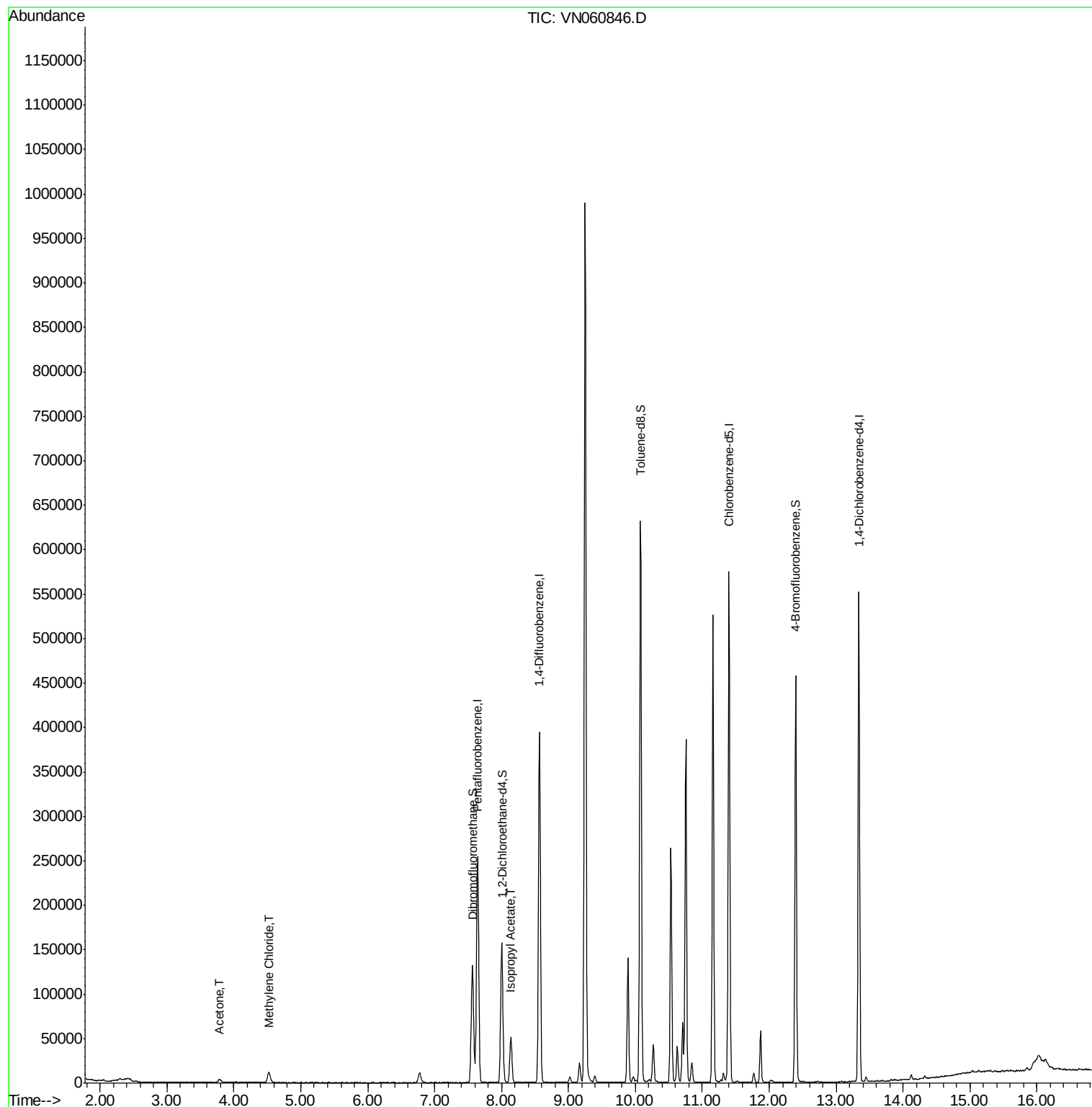
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	350092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	326829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	135403	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
35) Dibromofluoromethane	7.57	113	103549	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	10.08	98	430839	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.40	95	161422	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
16) Acetone	3.79	43	7726	7.592	ug/l	97
20) Methylene Chloride	4.53	84	9047	3.614	ug/l	97
43) Isopropyl Acetate	8.14	43	62680	10.376	ug/l #	91

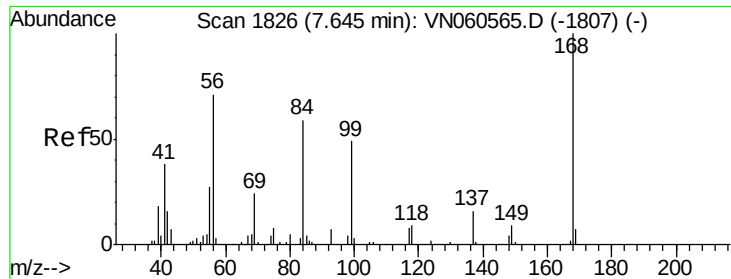
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040620\
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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: VN060846.D

Acq: 6 Apr 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

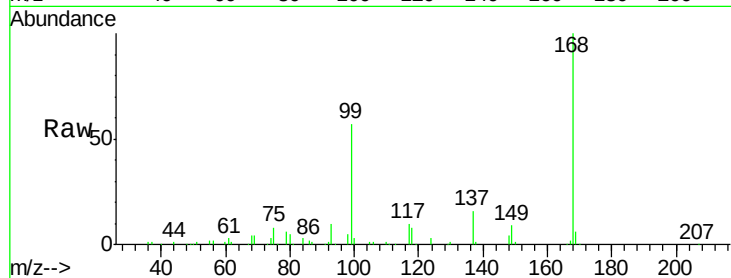
TP-9

Tot Ion:168 Resp: 209285

Ion Ratio Lower Upper

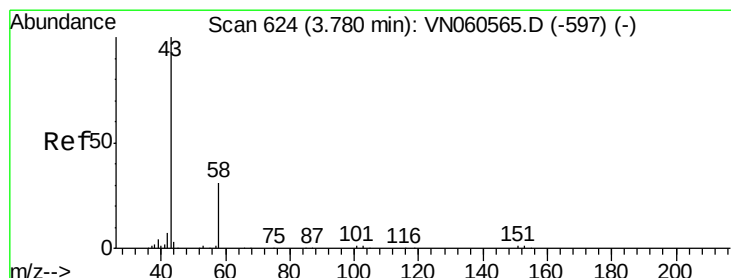
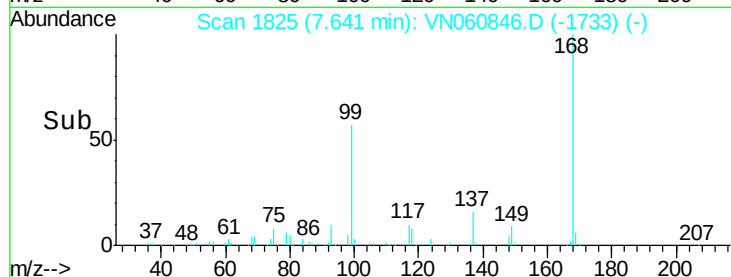
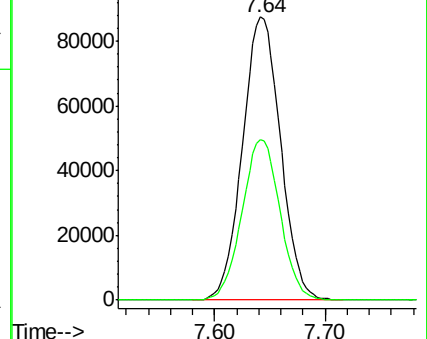
168 100

99 56.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060846.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060846.D (-1733) (-)



#16

Acetone

Concen: 7.592 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060846.D

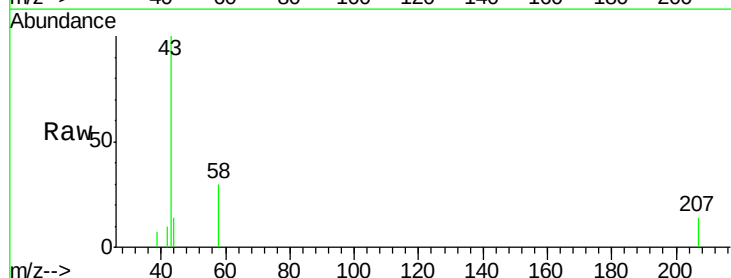
Acq: 6 Apr 2020 13:19

Tgt Ion: 43 Resp: 7726

Ion Ratio Lower Upper

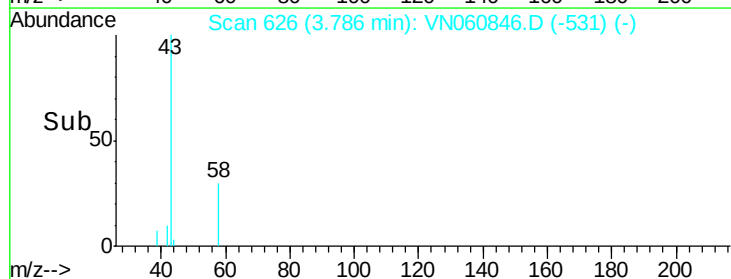
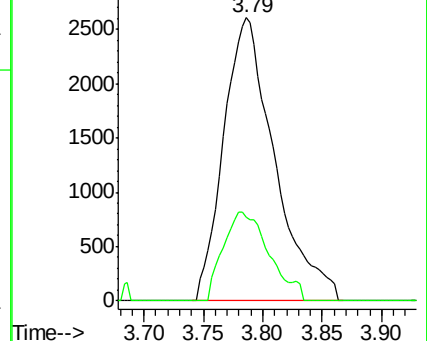
43 100

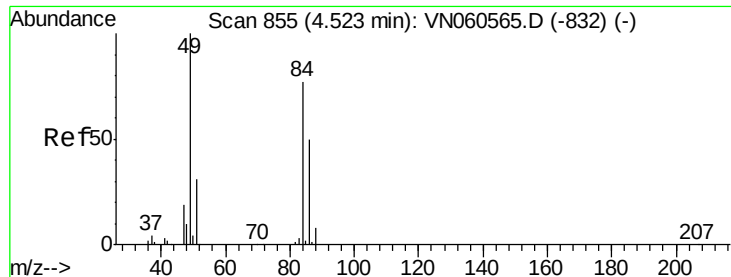
58 29.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060846.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060846.D (-531) (-)

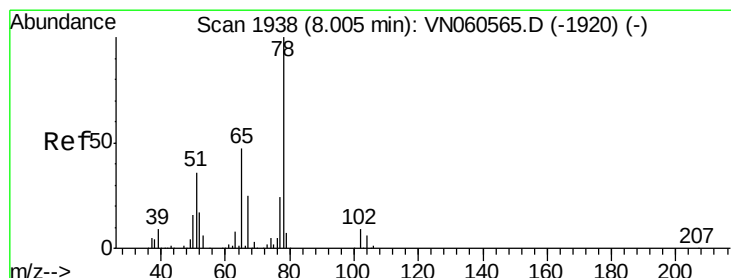
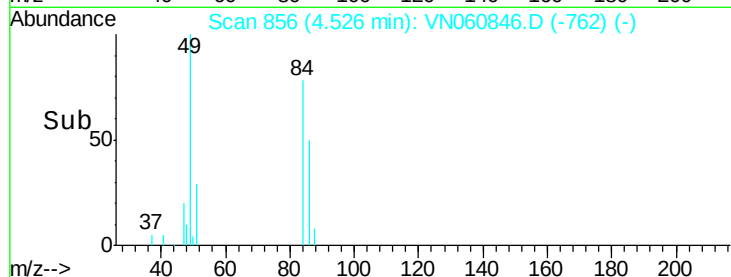
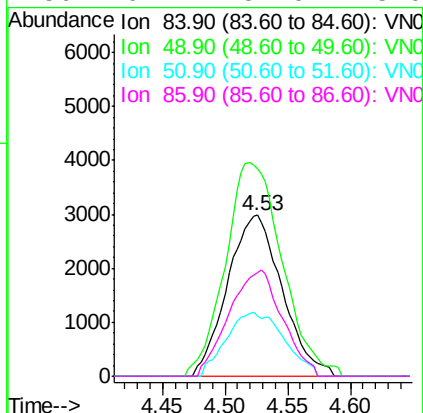
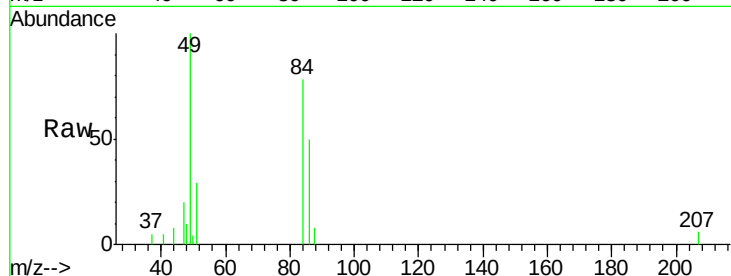




#20
Methylene Chloride
Concen: 3.614 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060846.D
Acq: 6 Apr 2020 13:19

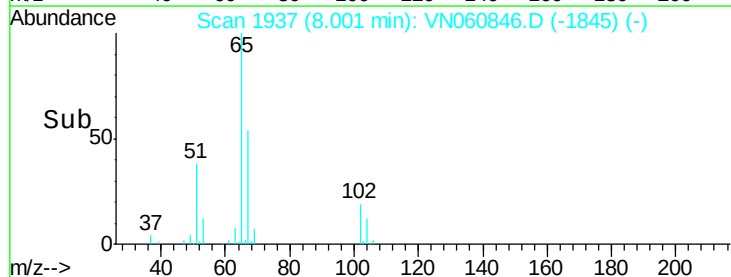
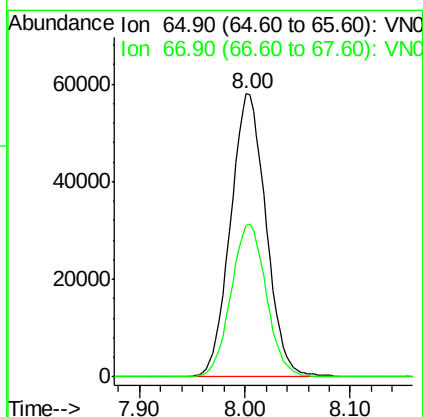
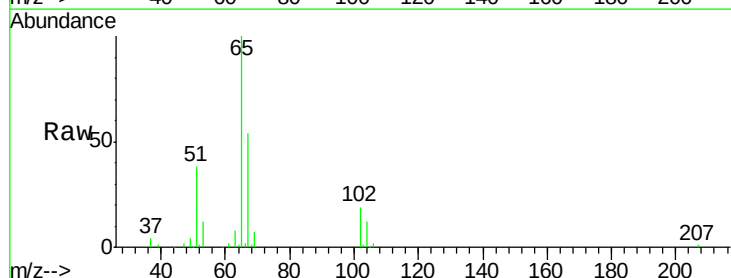
Instrument :
MSVOA_N
ClientSampled :
TP-9

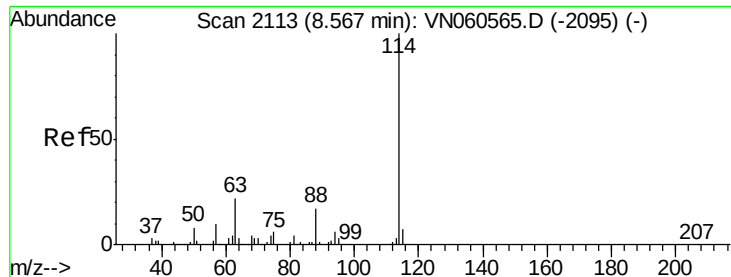
Tot Ion: 84 Resp: 9047
Ion Ratio Lower Upper
84 100
49 123.8 103.3 154.9
51 37.7 31.6 47.4
86 64.1 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.129 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060846.D
Acq: 6 Apr 2020 13:19

Tgt Ion: 65 Resp: 135403
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.6

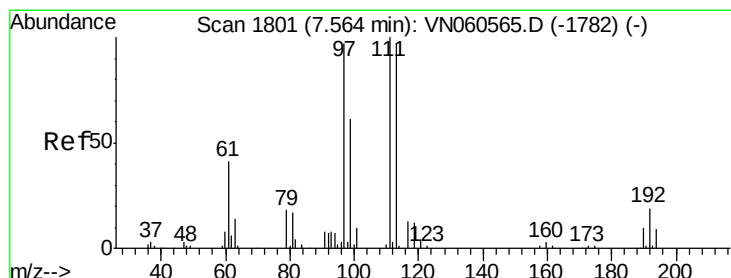
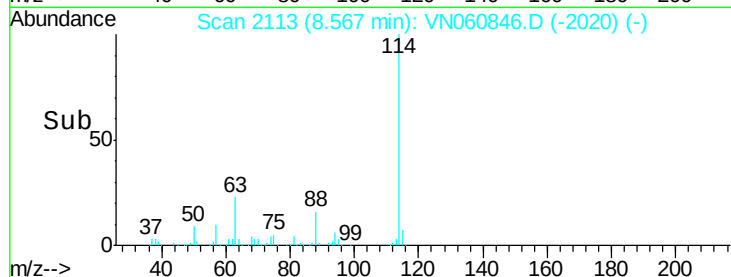
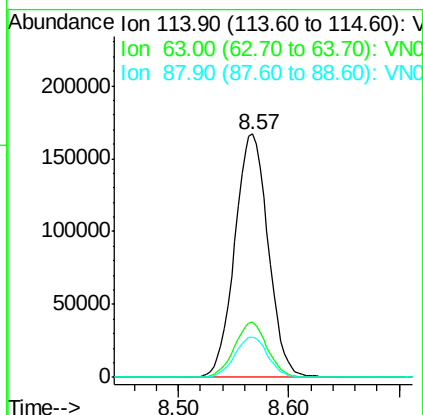
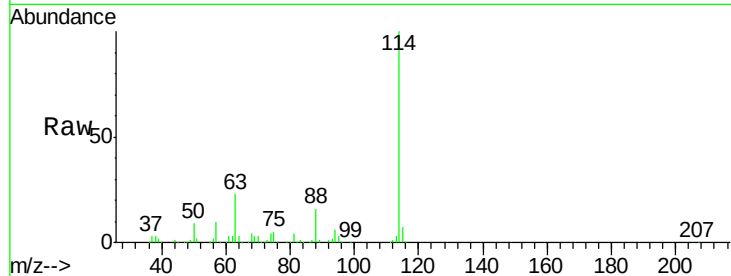




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060846.D
 Acq: 6 Apr 2020 13:19

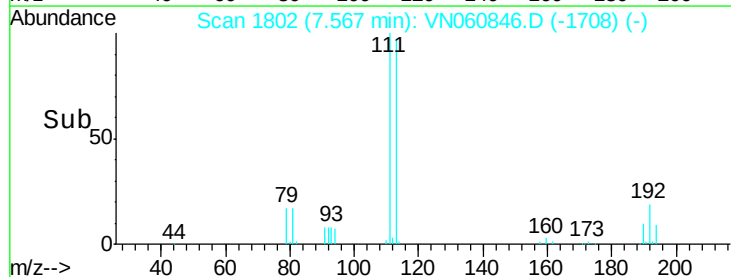
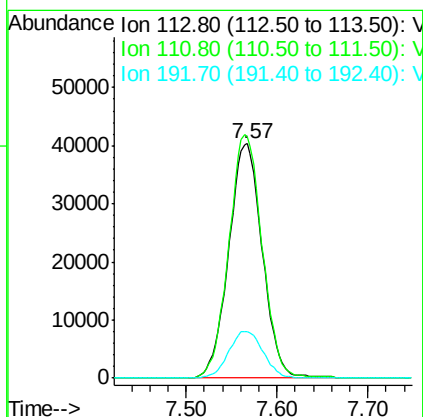
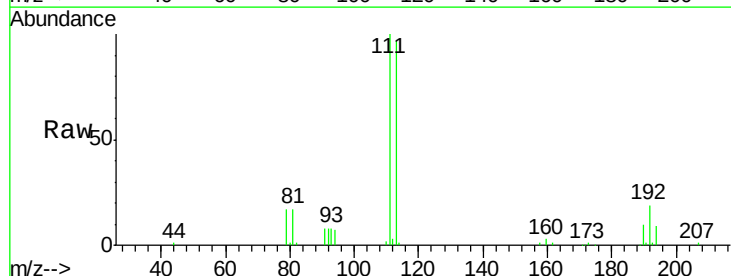
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

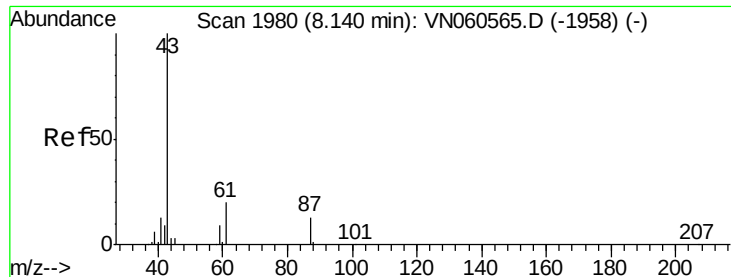
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.8
88	16.4	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 48.915 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060846.D
 Acq: 6 Apr 2020 13:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	20.3	15.8	23.8





#43

Isopropyl Acetate

Concen: 10.376 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060846.D

Acq: 6 Apr 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

TP-9

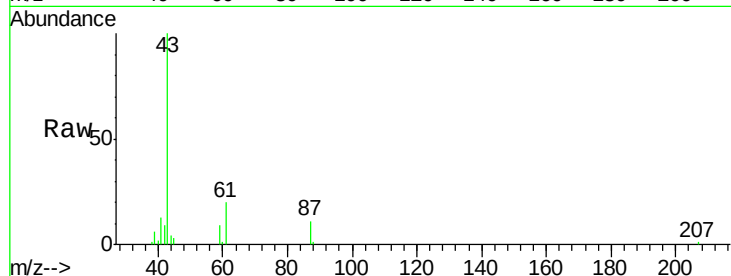
Tot Ion: 43 Resp: 62680

Ion Ratio Lower Upper

43 100

61 19.8 20.7 31.1#

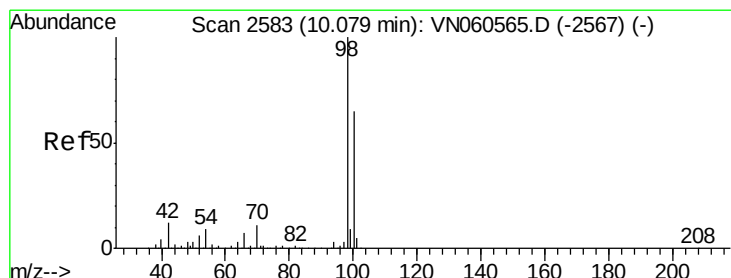
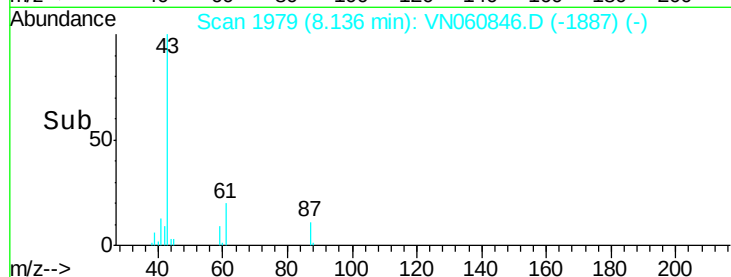
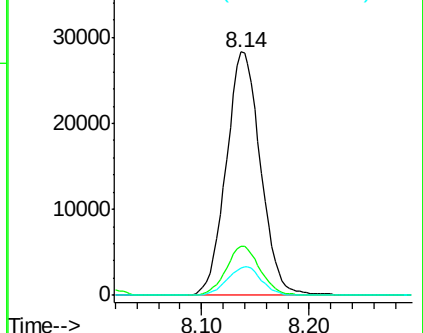
87 11.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060846.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060846.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060846.D (-1887) (-)



#50

Toluene-d8

Concen: 49.827 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060846.D

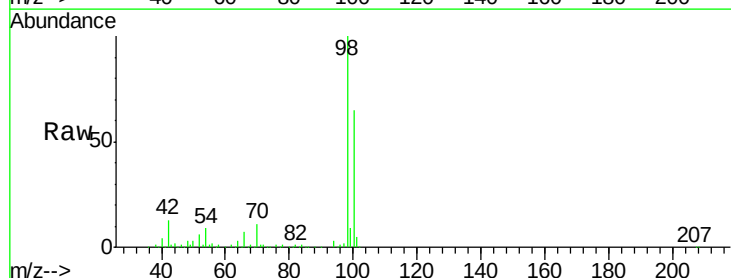
Acq: 6 Apr 2020 13:19

Tgt Ion: 98 Resp: 430839

Ion Ratio Lower Upper

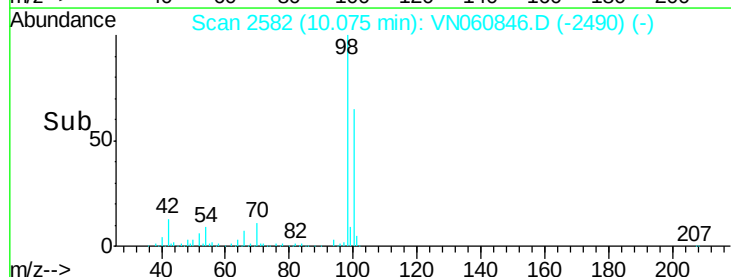
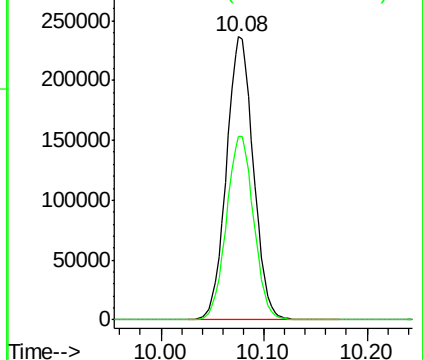
98 100

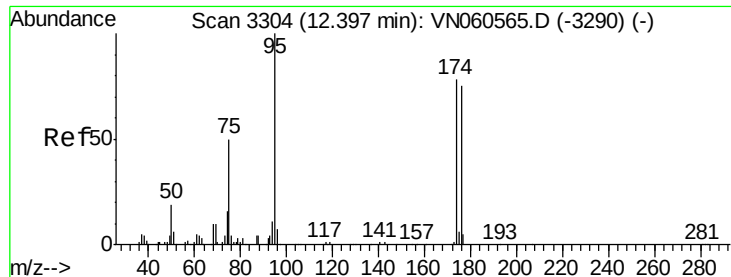
100 65.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060846.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060846.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 50.940 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060846.D

Acq: 6 Apr 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

TP-9

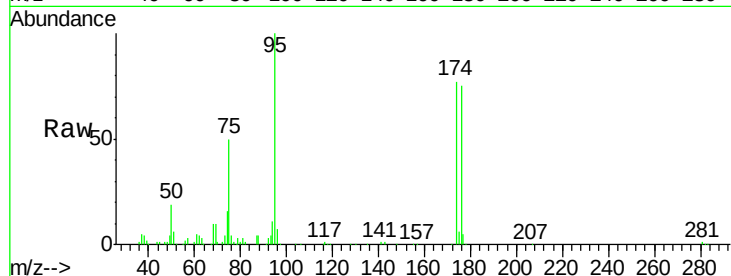
Tot Ion: 95 Resp: 161422

Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.6

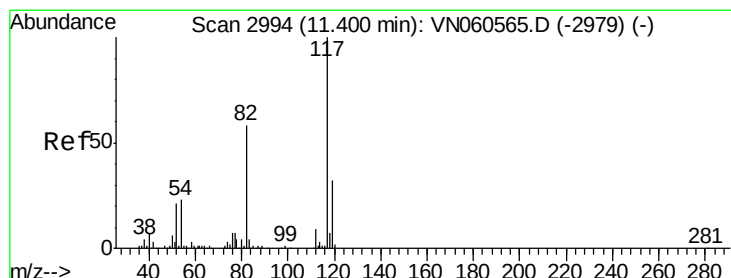
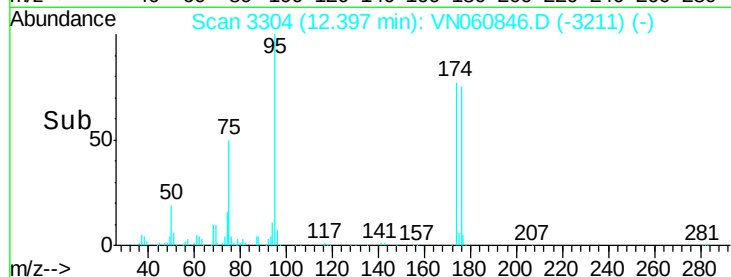
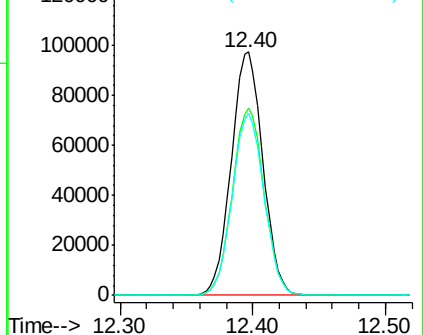
176 75.0 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060846.D

Acq: 6 Apr 2020 13:19

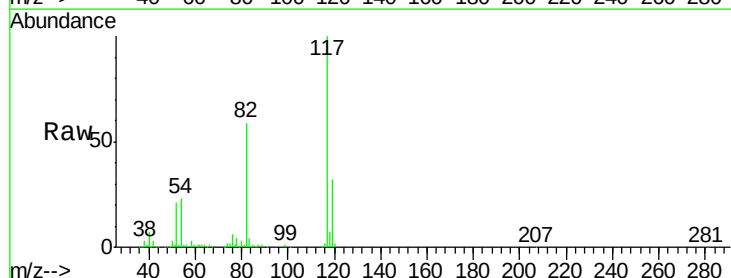
Tgt Ion: 117 Resp: 326829

Ion Ratio Lower Upper

117 100

82 58.7 46.7 70.1

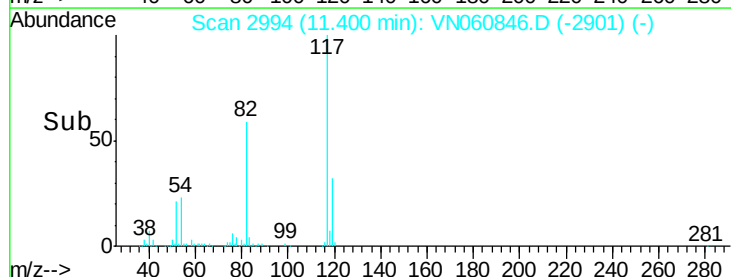
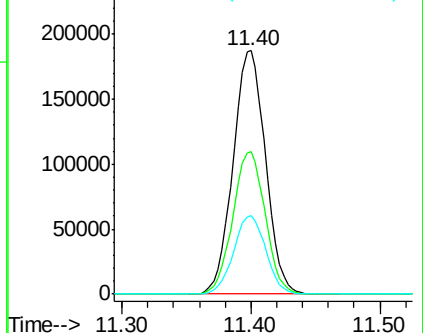
119 32.2 25.5 38.3

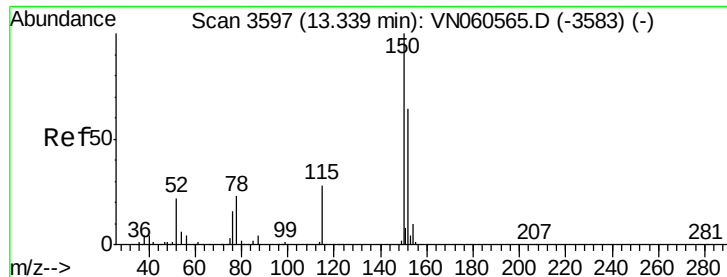


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060846.D

Acq: 6 Apr 2020 13:19

Instrument :

MSVOA_N

ClientSampleId :

TP-9

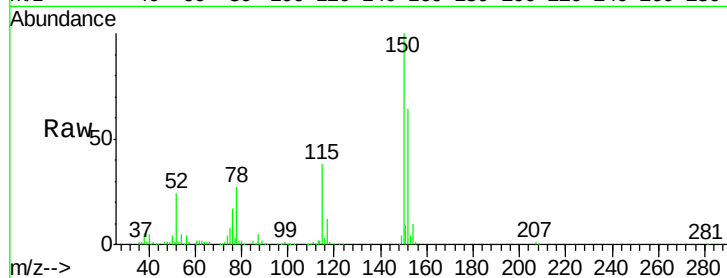
Tot Ion:152 Resp: 145734

Ion Ratio Lower Upper

152 100

115 59.8 30.2 90.6

150 157.2 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

