

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030220\
 Data File : VN060310.D
 Acq On : 2 Mar 2020 14:42
 Operator : JC/MD
 Sample : L1369-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-022820

Quant Time: Mar 03 06:28:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

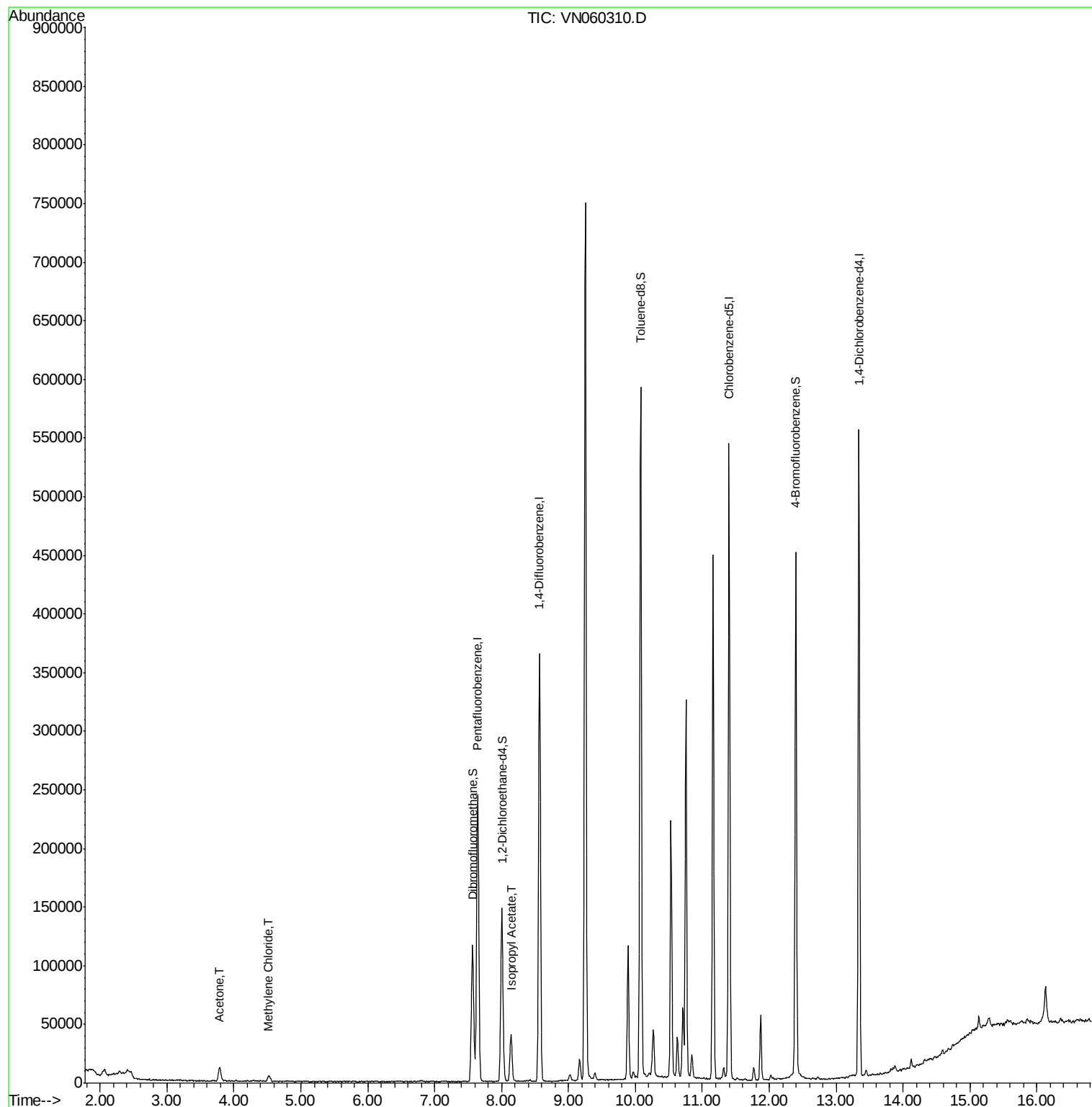
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	324005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128591	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	7.57	113	87929	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	
50) Toluene-d8	10.08	98	397402	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.40	95	149122	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
Target Compounds						
16) Acetone	3.79	43	20895	25.260	ug/l	99
20) Methylene Chloride	4.53	84	3717	1.636	ug/l	96
43) Isopropyl Acetate	8.14	43	48068	9.391	ug/l #	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060310.D

Acq: 2 Mar 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

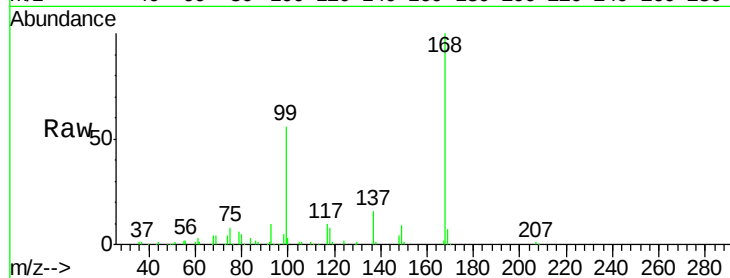
PL-02-022820

Tot Ion:168 Resp: 199648

Ion Ratio Lower Upper

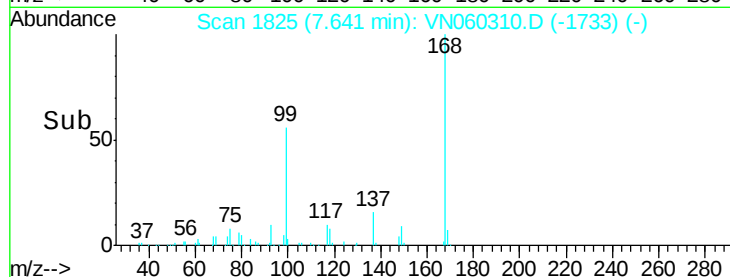
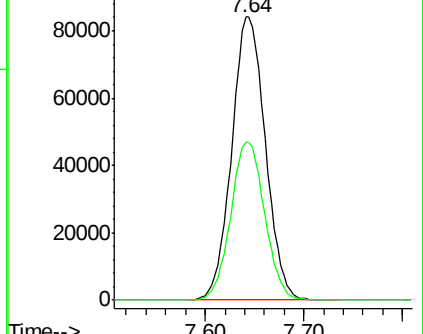
168 100

99 56.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 25.260 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060310.D

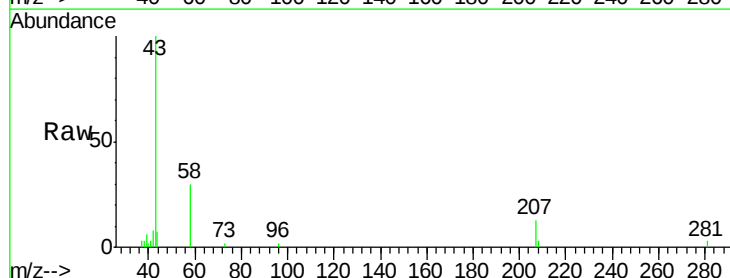
Acq: 2 Mar 2020 14:42

Tgt Ion: 43 Resp: 20895

Ion Ratio Lower Upper

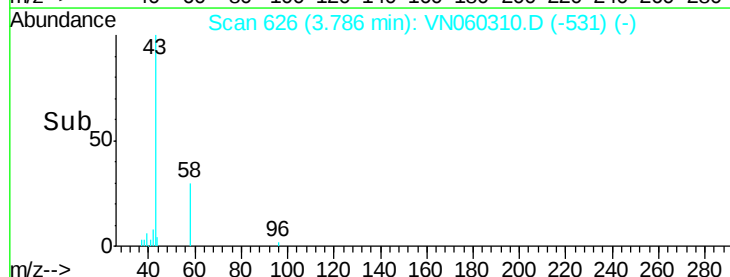
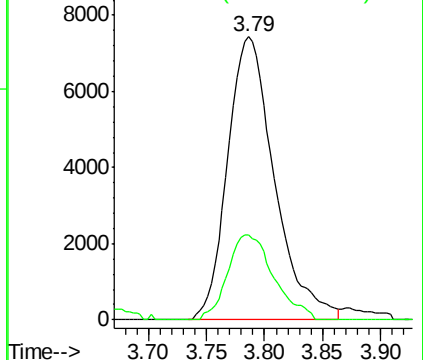
43 100

58 30.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

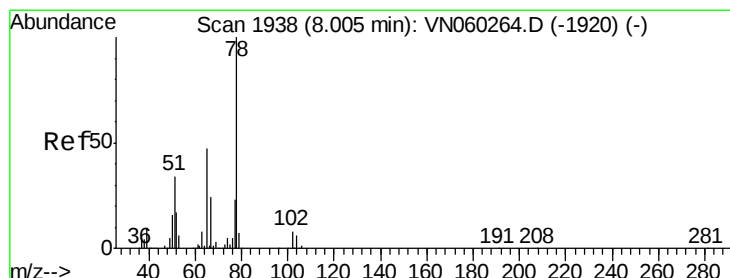
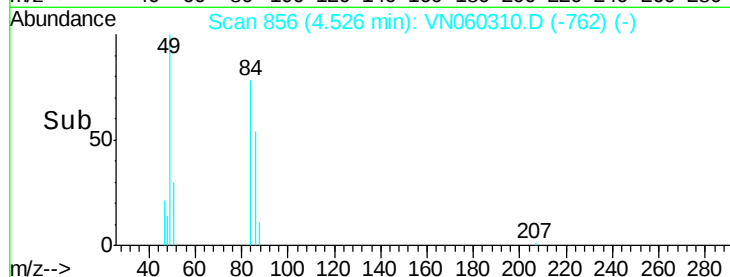
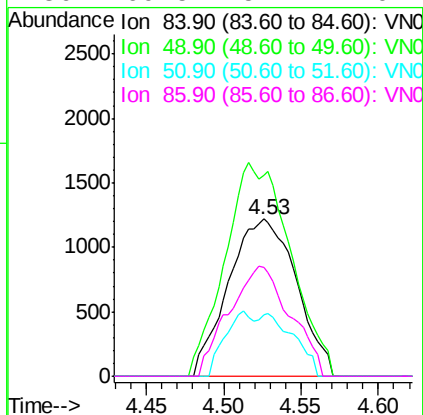
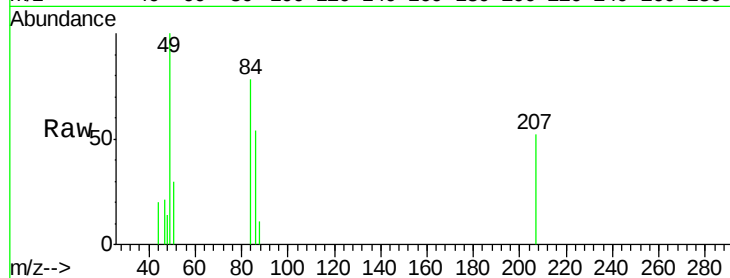




#20
Methylene Chloride
Concen: 1.636 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060310.D
Acq: 2 Mar 2020 14:42

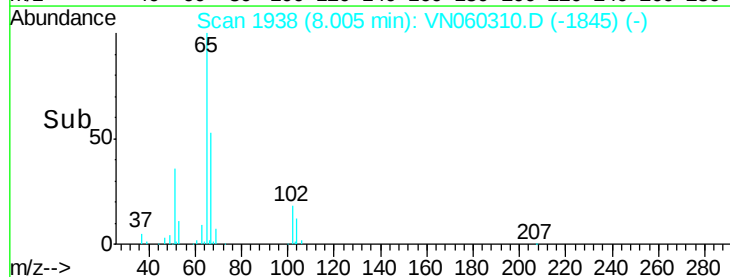
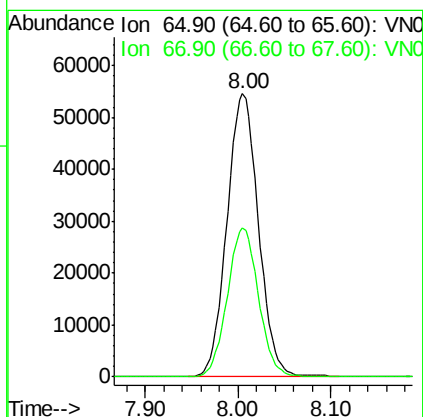
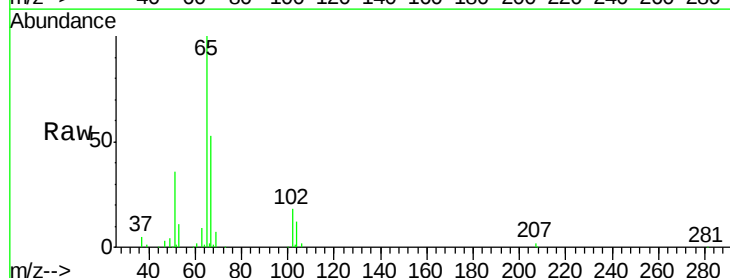
Instrument :
MSVOA_N
ClientSampleId :
PL-02-022820

Tot Ion: 84 Resp: 3717
Ion Ratio Lower Upper
84 100
49 128.2 99.3 148.9
51 39.1 30.1 45.1
86 69.5 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 50.201 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060310.D
Acq: 2 Mar 2020 14:42

Tgt Ion: 65 Resp: 128591
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.8

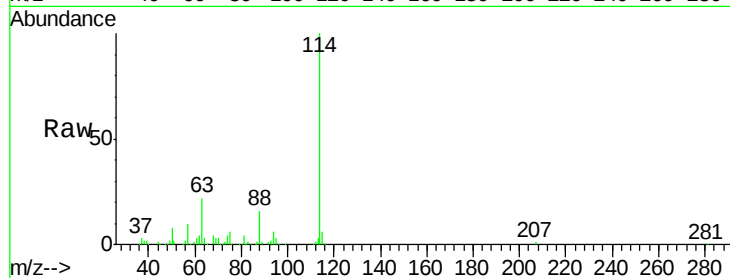




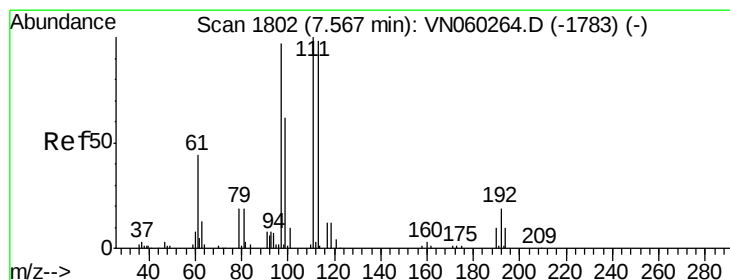
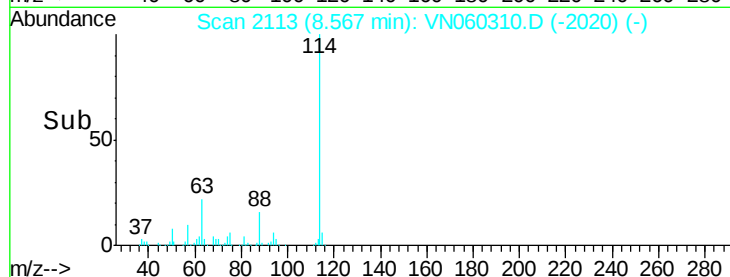
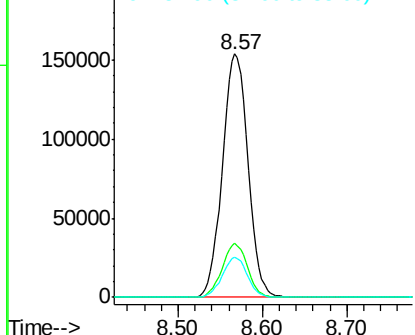
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060310.D
Acq: 2 Mar 2020 14:42

Instrument :
MSVOA_N
ClientSampleId :
PL-02-022820

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	16.3	0.0	31.6

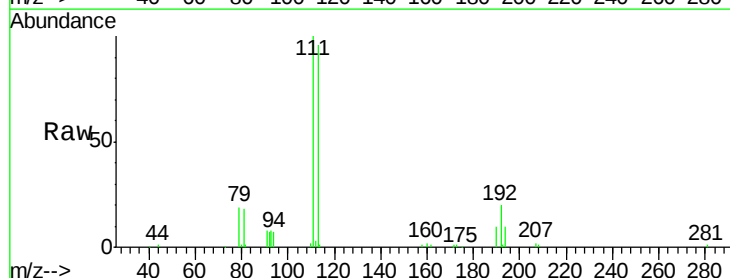


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

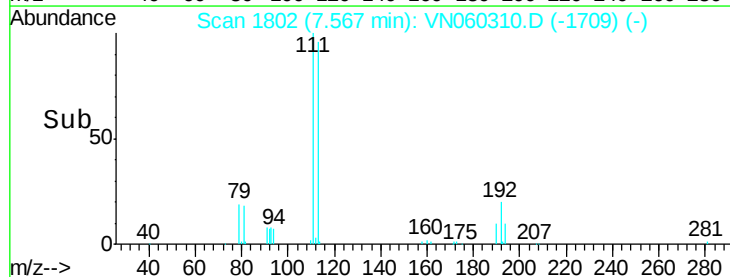
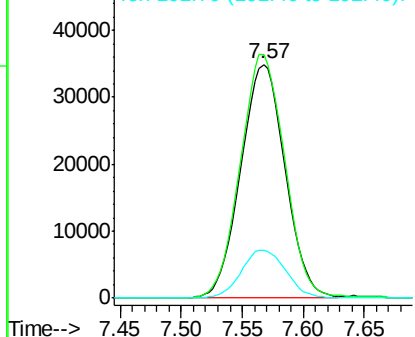


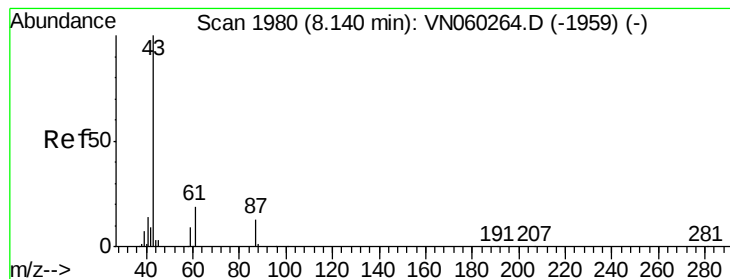
#35
Dibromofluoromethane
Concen: 58.466 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060310.D
Acq: 2 Mar 2020 14:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.4	123.6
192	20.7	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





#43

Isopropyl Acetate

Concen: 9.391 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060310.D

Acq: 2 Mar 2020 14:42

Instrument :

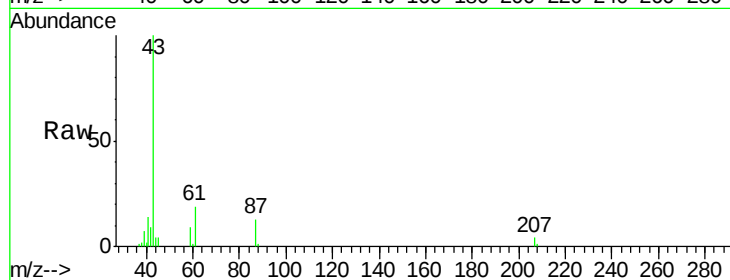
MSVOA_N

ClientSampleId :

PL-02-022820

Tot Ion: 43 Resp: 48068

Ion	Ratio	Lower	Upper
43	100		
61	19.8	20.9	31.3#
87	12.8	10.6	16.0

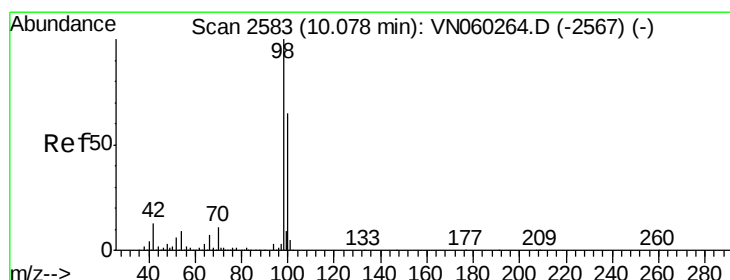
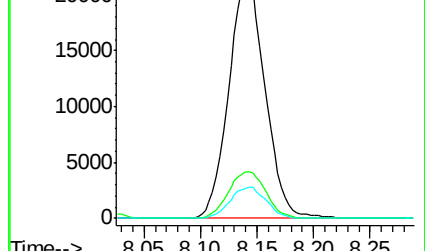
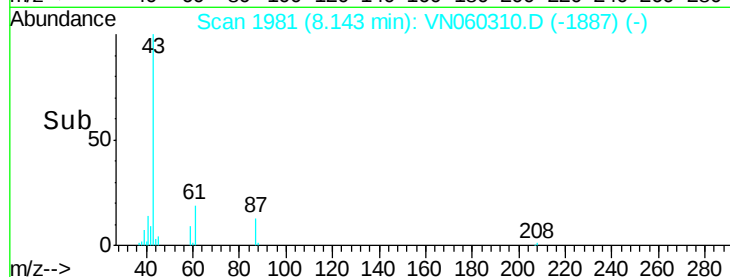


Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)

Time-->



#50

Toluene-d8

Concen: 52.210 ug/l

RT: 10.08 min Scan# 2583

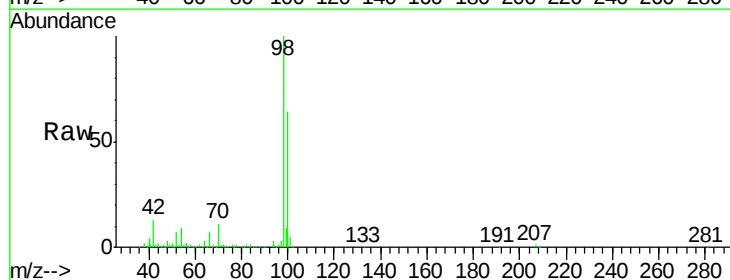
Delta R.T. 0.00 min

Lab File: VN060310.D

Acq: 2 Mar 2020 14:42

Tgt Ion: 98 Resp: 397402

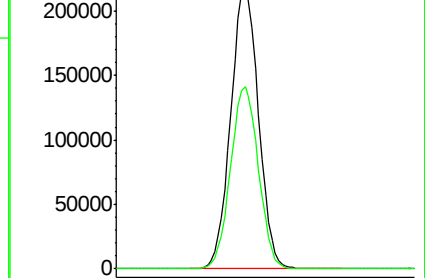
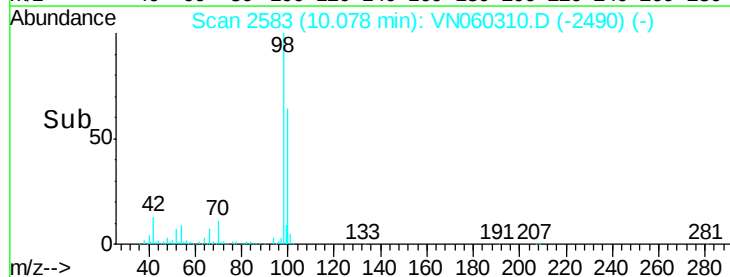
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 51.682 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060310.D

Acq: 2 Mar 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

PL-02-022820

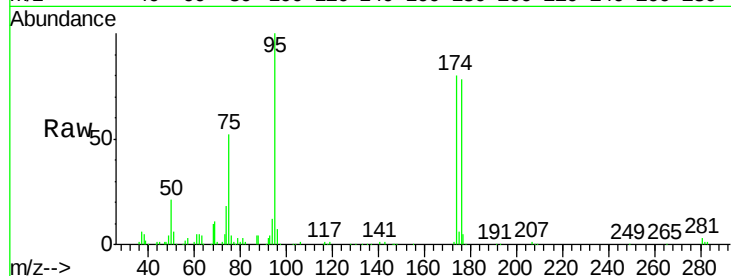
Tot Ion: 95 Resp: 149122

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.2

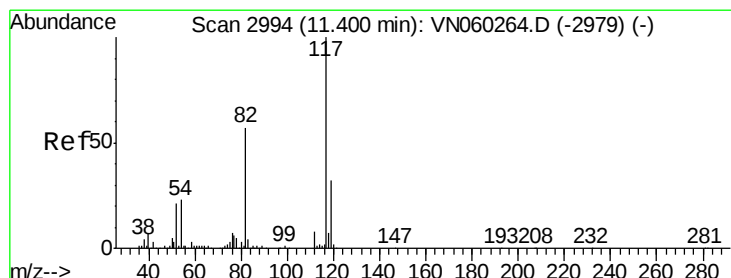
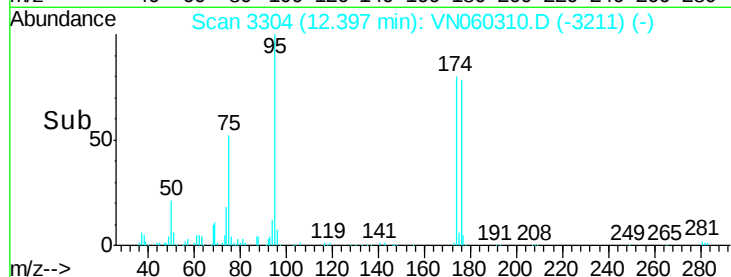
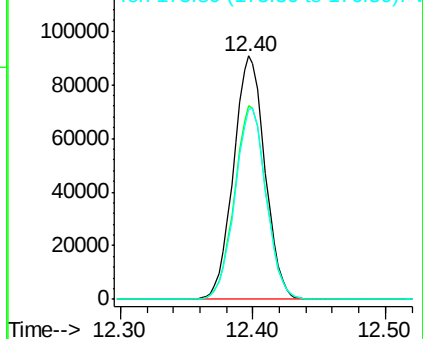
176 78.4 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060310.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060310.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060310.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060310.D

Acq: 2 Mar 2020 14:42

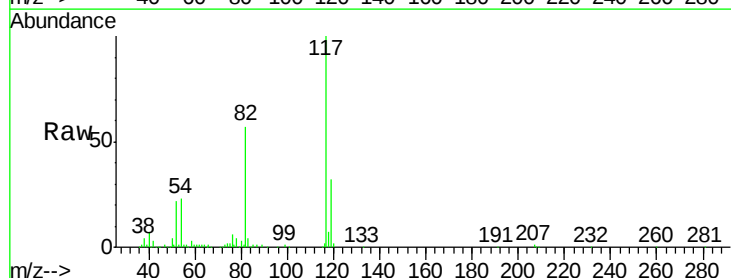
Tgt Ion: 117 Resp: 302697

Ion Ratio Lower Upper

117 100

82 56.7 45.8 68.6

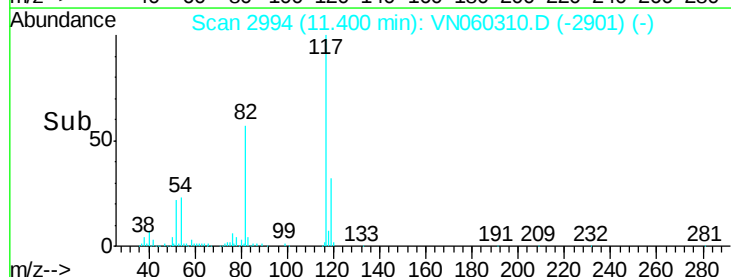
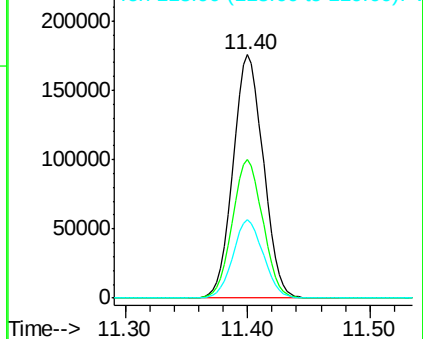
119 32.1 25.8 38.8

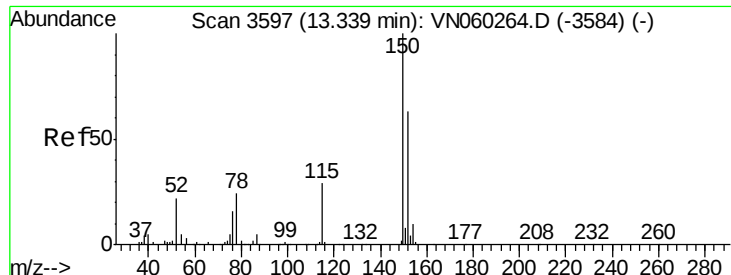


Abundance Ion 116.90 (116.60 to 117.60): VN060310.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060310.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060310.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060310.D

Acq: 2 Mar 2020 14:42

Instrument :

MSVOA_N

ClientSampleId :

PL-02-022820

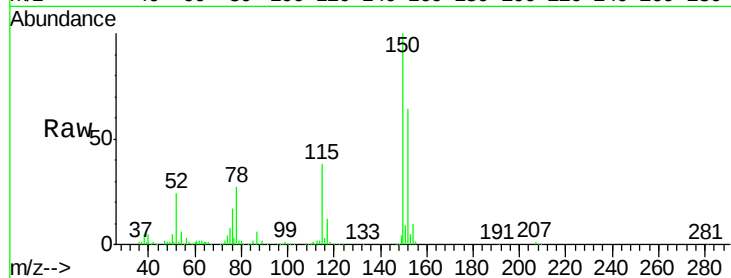
Tot Ion:152 Resp: 144426

Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.0

150 155.0 0.0 349.6



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

