

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031220\
 Data File : VN060483.D
 Acq On : 12 Mar 2020 16:41
 Operator : JC/MD
 Sample : PB127465ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127465ZHE#05

Quant Time: Mar 13 04:00:03 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

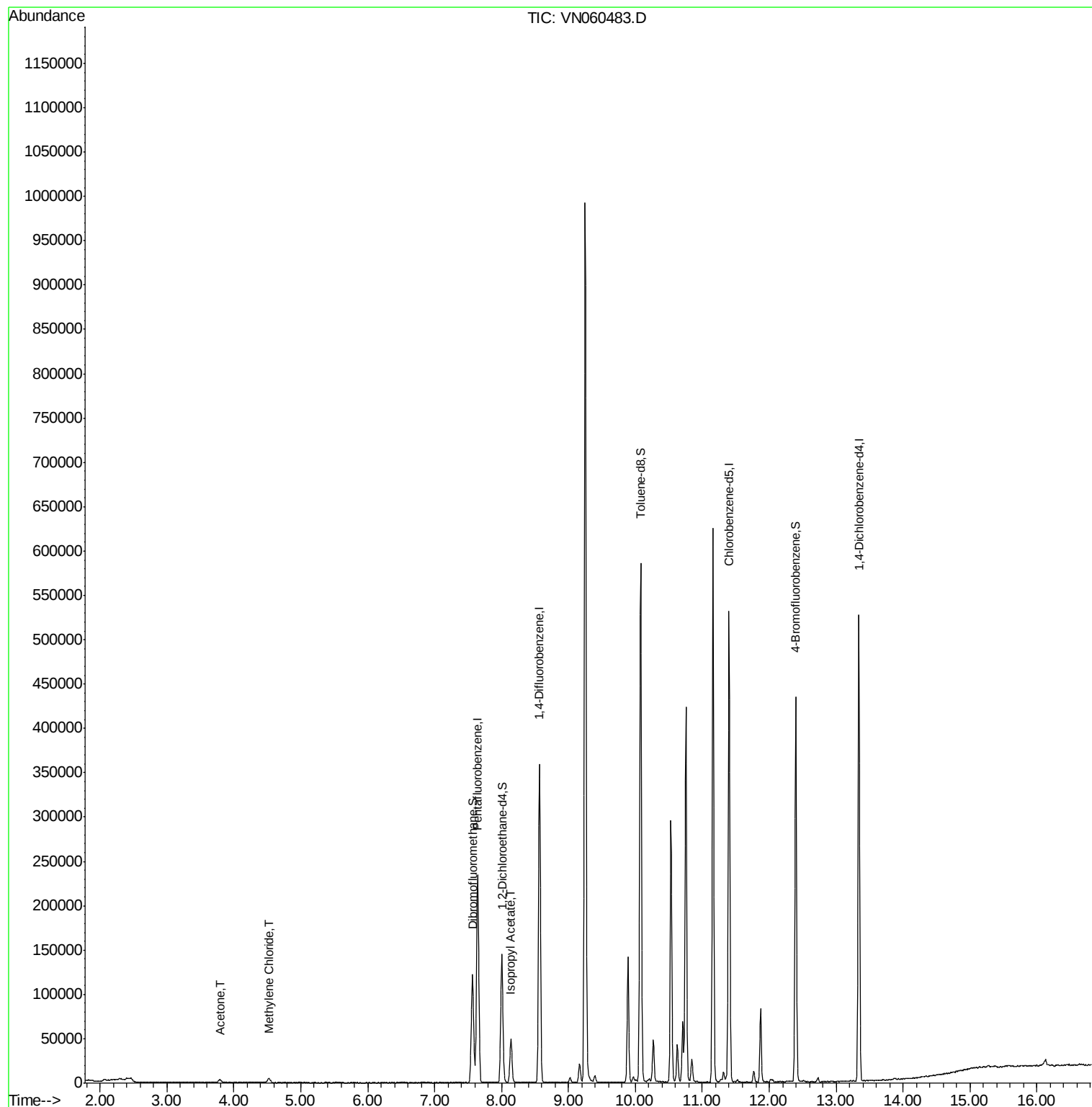
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	316773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	124125	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
35) Dibromofluoromethane	7.57	113	94125	64.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.04%	
50) Toluene-d8	10.08	98	391723	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.40	95	148091	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
Target Compounds						
16) Acetone	3.79	43	6838	8.688	ug/l	100
20) Methylene Chloride	4.53	84	3911	1.809	ug/l	95
43) Isopropyl Acetate	8.14	43	58060	11.602	ug/l #	90

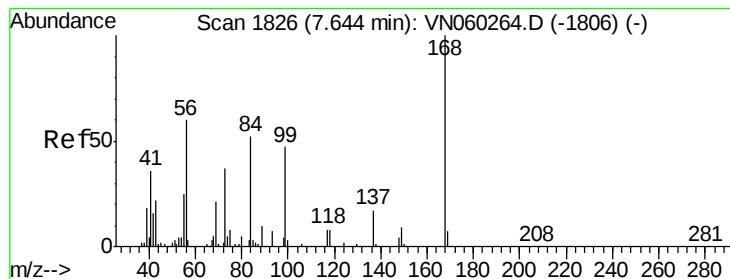
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031220\
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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 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: VN060483.D

Acq: 12 Mar 2020 16:41

Instrument :

MSVOA_N

ClientSampleId :

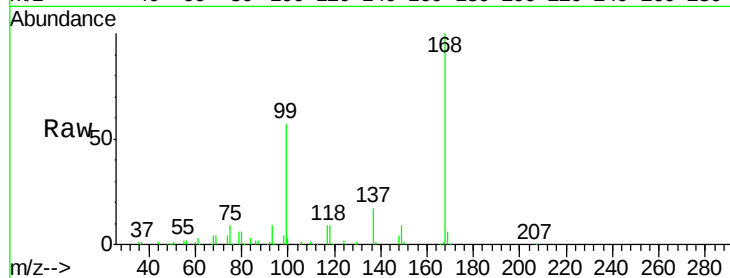
PB127465ZHE#05

Tot Ion:168 Resp: 189954

Ion Ratio Lower Upper

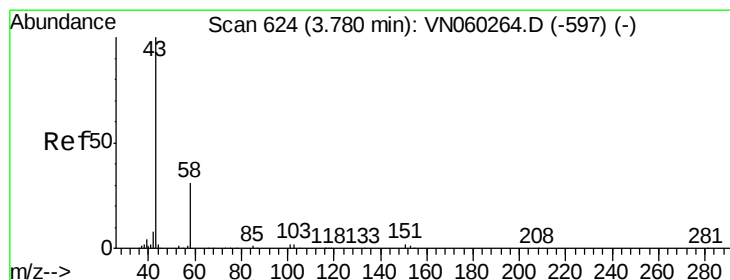
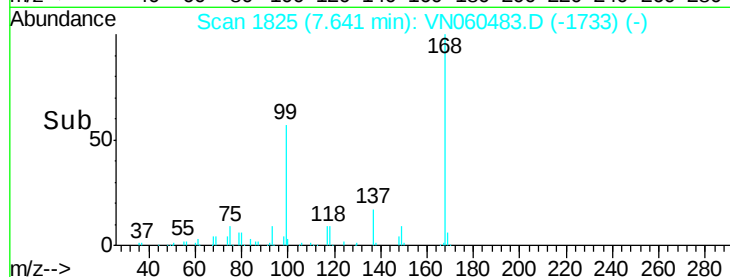
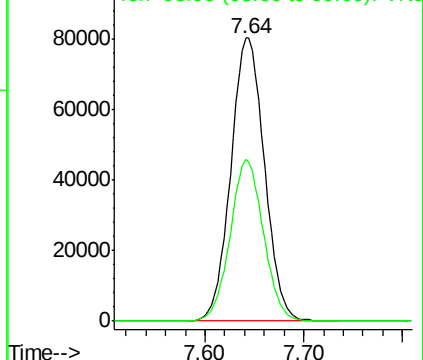
168 100

99 57.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 8.688 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060483.D

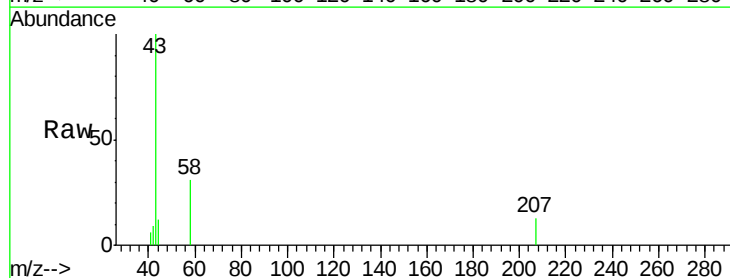
Acq: 12 Mar 2020 16:41

Tgt Ion: 43 Resp: 6838

Ion Ratio Lower Upper

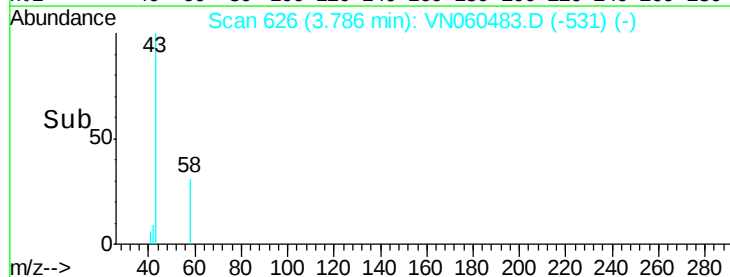
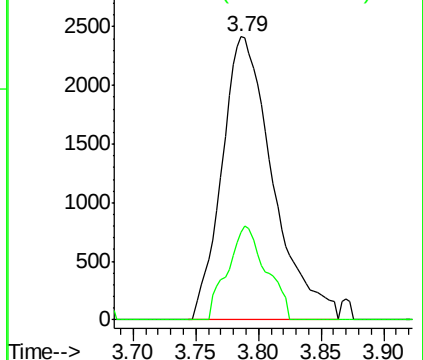
43 100

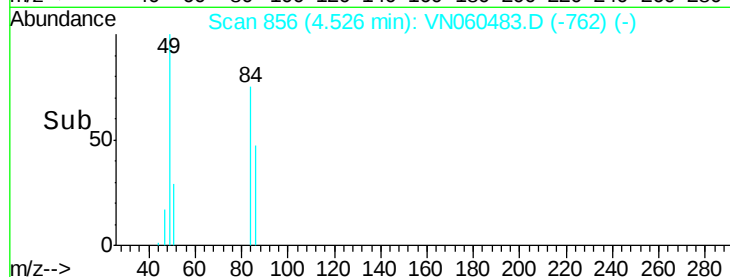
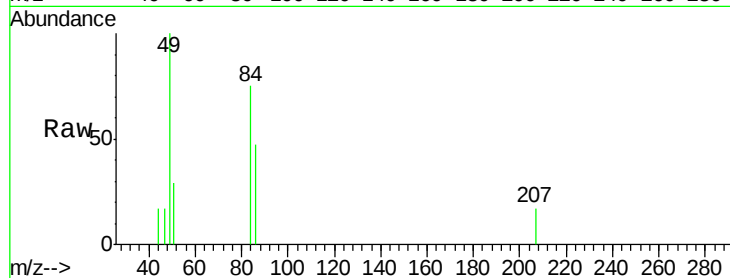
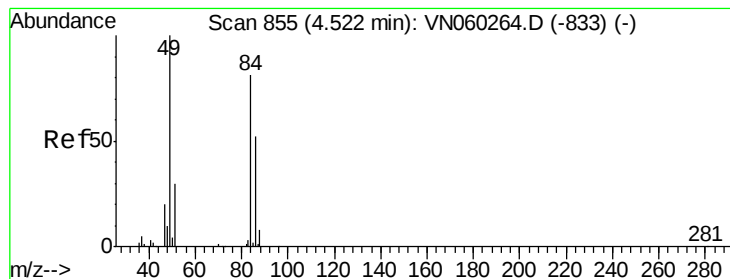
58 30.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.809 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060483.D

Acq: 12 Mar 2020 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#05

Tot Ion: 84 Resp: 3911

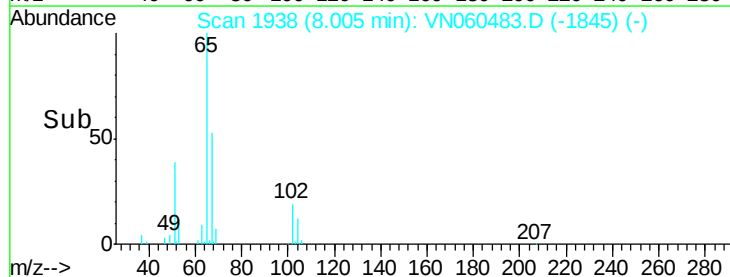
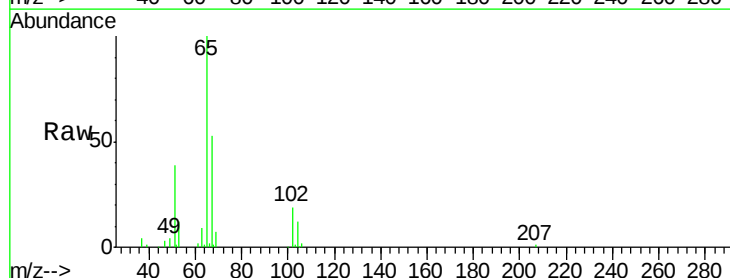
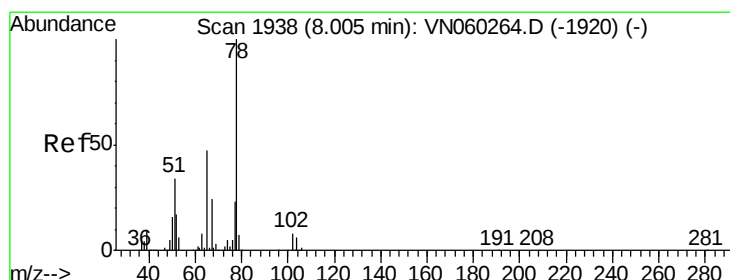
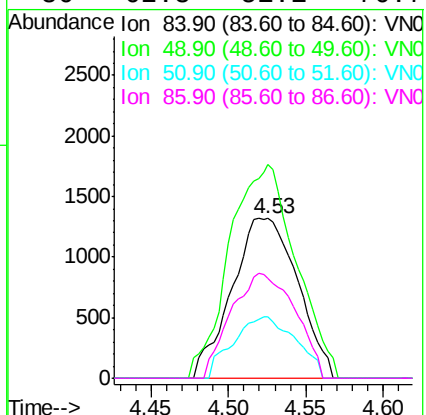
Ion Ratio Lower Upper

84 100

49 133.5 99.3 148.9

51 38.1 30.1 45.1

86 62.8 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 50.931 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060483.D

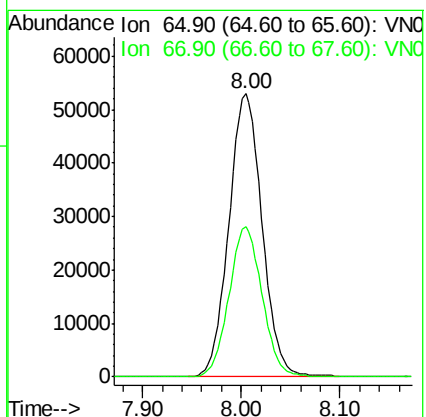
Acq: 12 Mar 2020 16:41

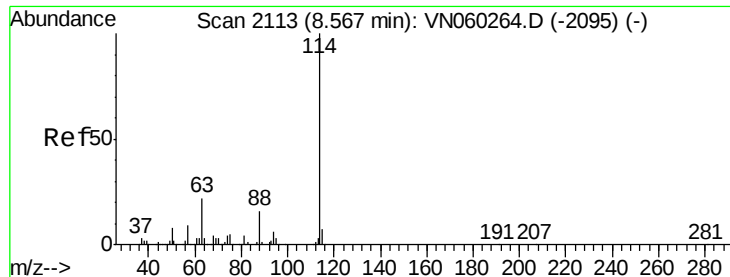
Tgt Ion: 65 Resp: 124125

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.8

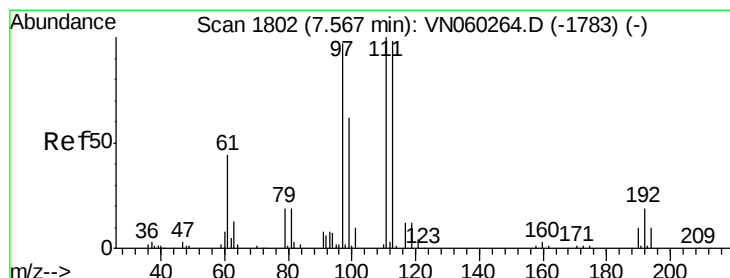
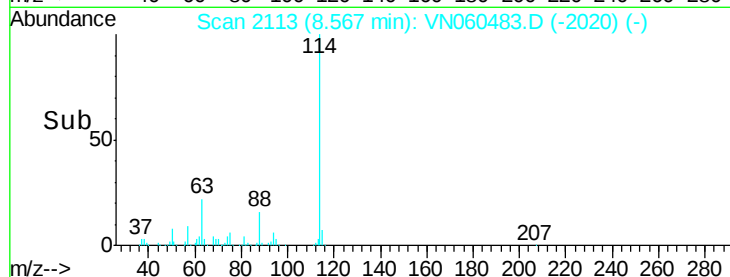
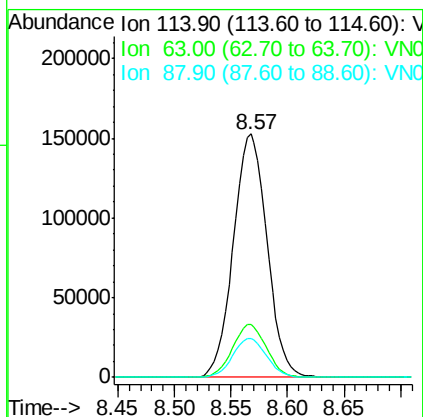
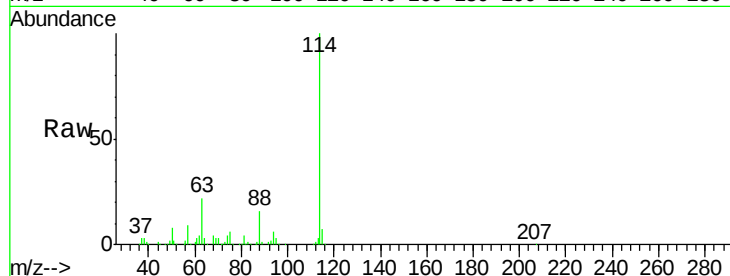




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060483.D
 Acq: 12 Mar 2020 16:41

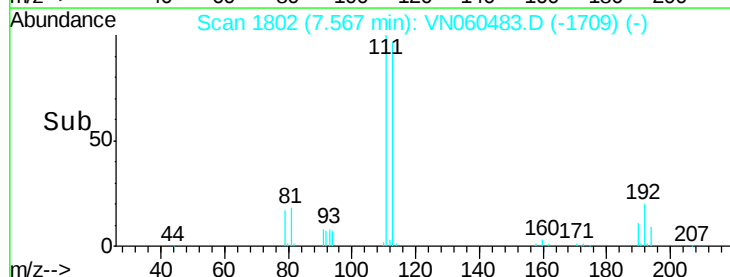
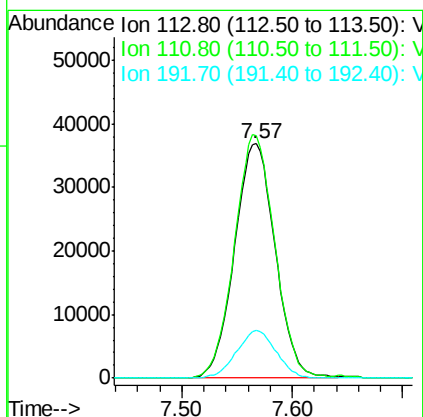
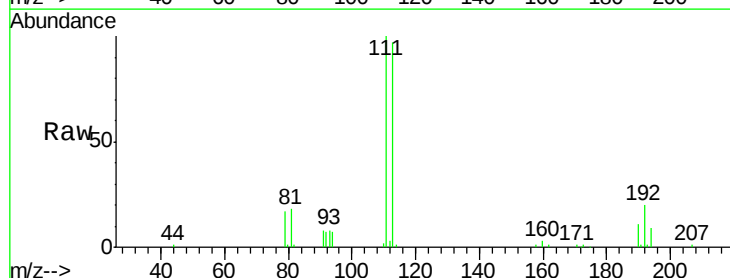
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127465ZHE#05

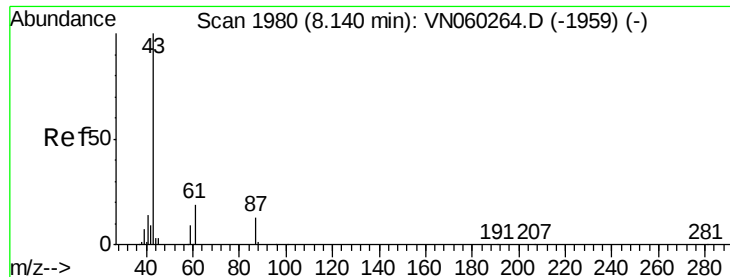
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	16.0	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 64.015 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060483.D
 Acq: 12 Mar 2020 16:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	19.6	16.2	24.2





#43

Isopropyl Acetate

Concen: 11.602 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060483.D

Acq: 12 Mar 2020 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#05

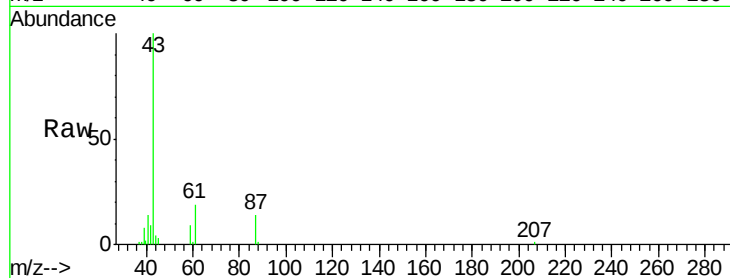
Tot Ion: 43 Resp: 58060

Ion Ratio Lower Upper

43 100

61 19.1 20.9 31.3#

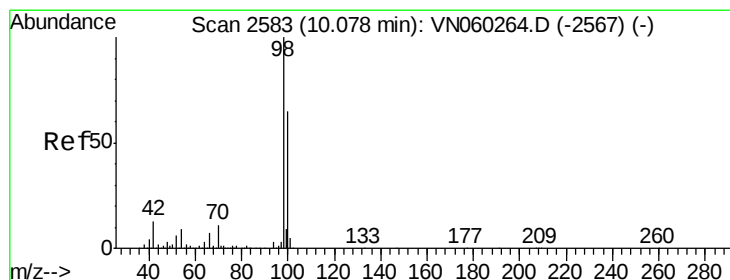
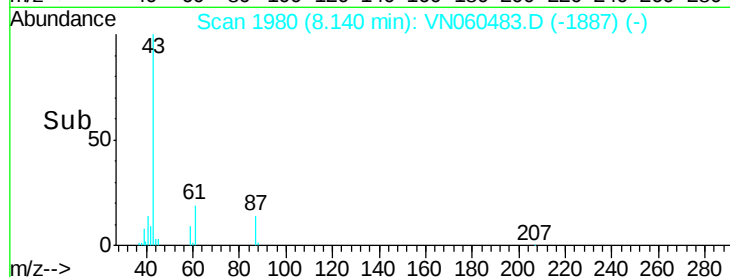
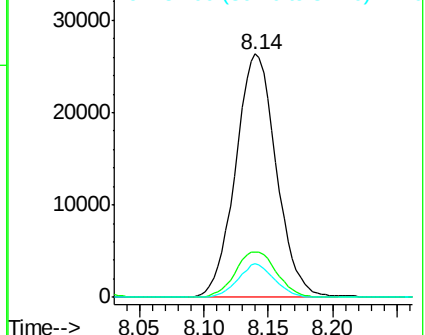
87 12.2 10.6 16.0



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) (-)



#50

Toluene-d8

Concen: 52.639 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060483.D

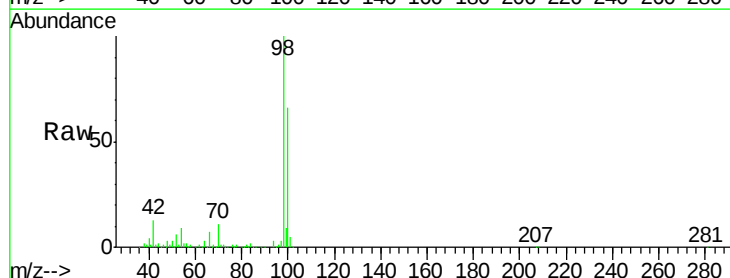
Acq: 12 Mar 2020 16:41

Tgt Ion: 98 Resp: 391723

Ion Ratio Lower Upper

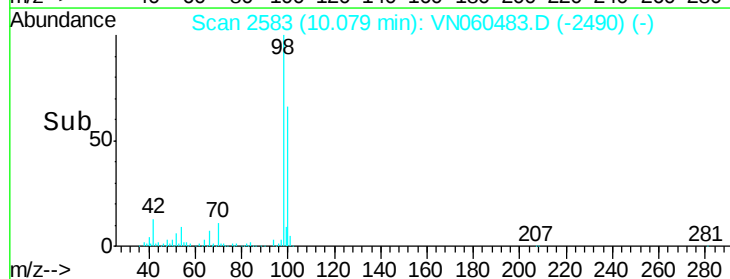
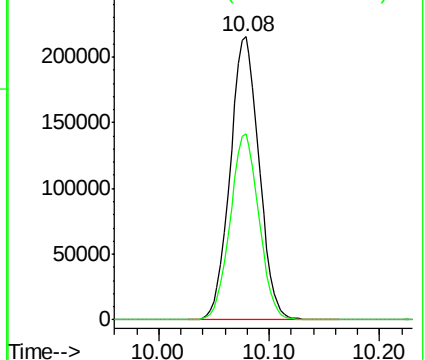
98 100

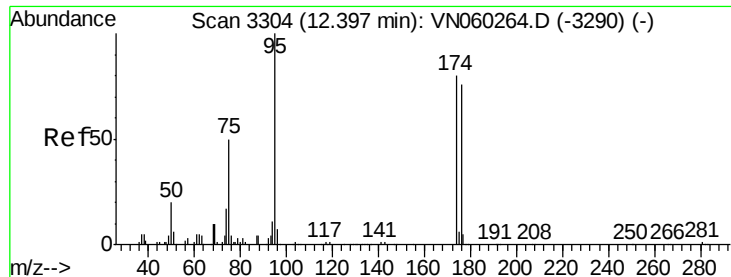
100 65.1 52.2 78.2



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

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





#62

4-Bromofluorobenzene

Concen: 52.497 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060483.D

Acq: 12 Mar 2020 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#05

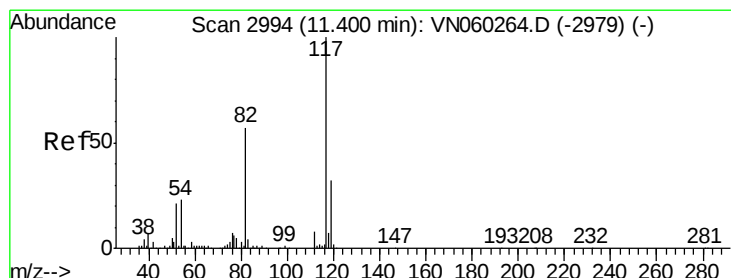
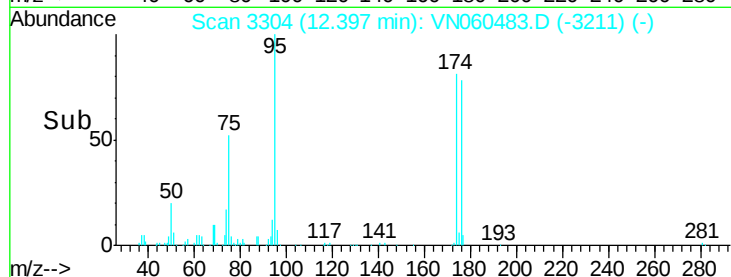
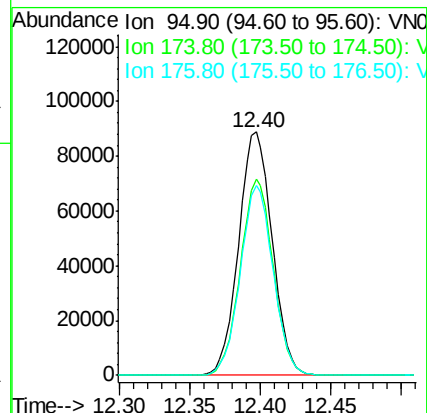
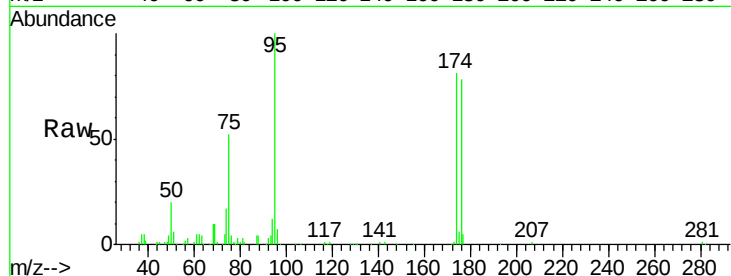
Tot Ion: 95 Resp: 148091

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.2

176 76.4 0.0 153.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060483.D

Acq: 12 Mar 2020 16:41

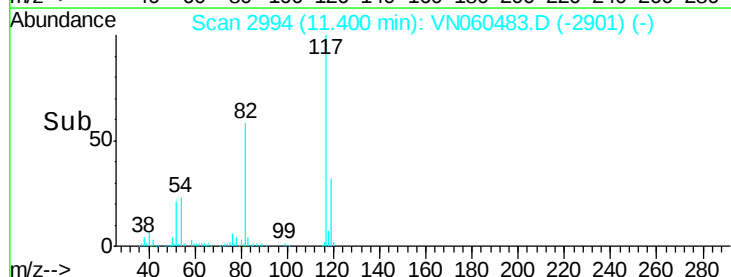
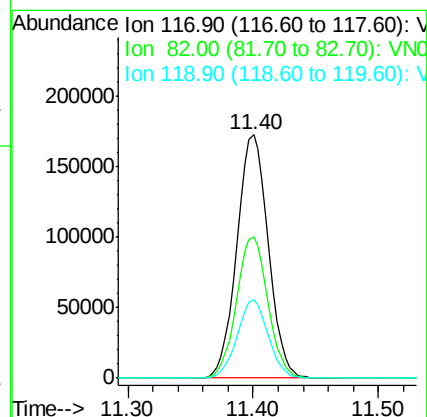
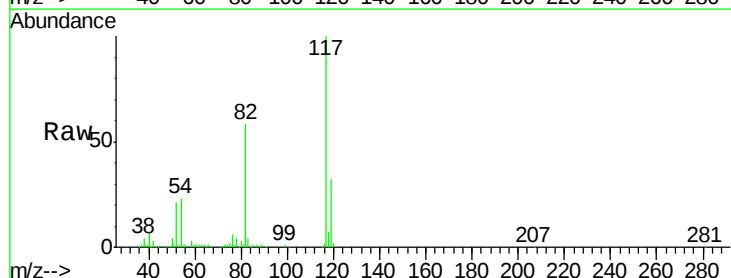
Tgt Ion: 117 Resp: 299423

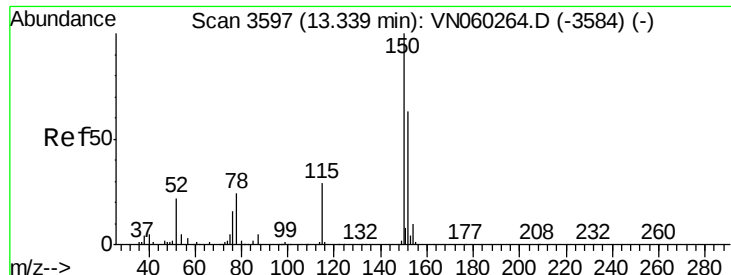
Ion Ratio Lower Upper

117 100

82 57.8 45.8 68.6

119 32.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060483.D

Acq: 12 Mar 2020 16:41

Instrument :

MSVOA_N

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PB127465ZHE#05

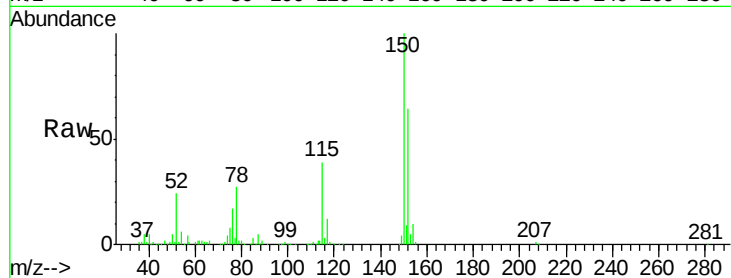
Tot Ion:152 Resp: 138389

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 157.0 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

