

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031220\
 Data File : VN060482.D
 Acq On : 12 Mar 2020 16:19
 Operator : JC/MD
 Sample : PB127465ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127465ZHE#04

Quant Time: Mar 13 03:58:44 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

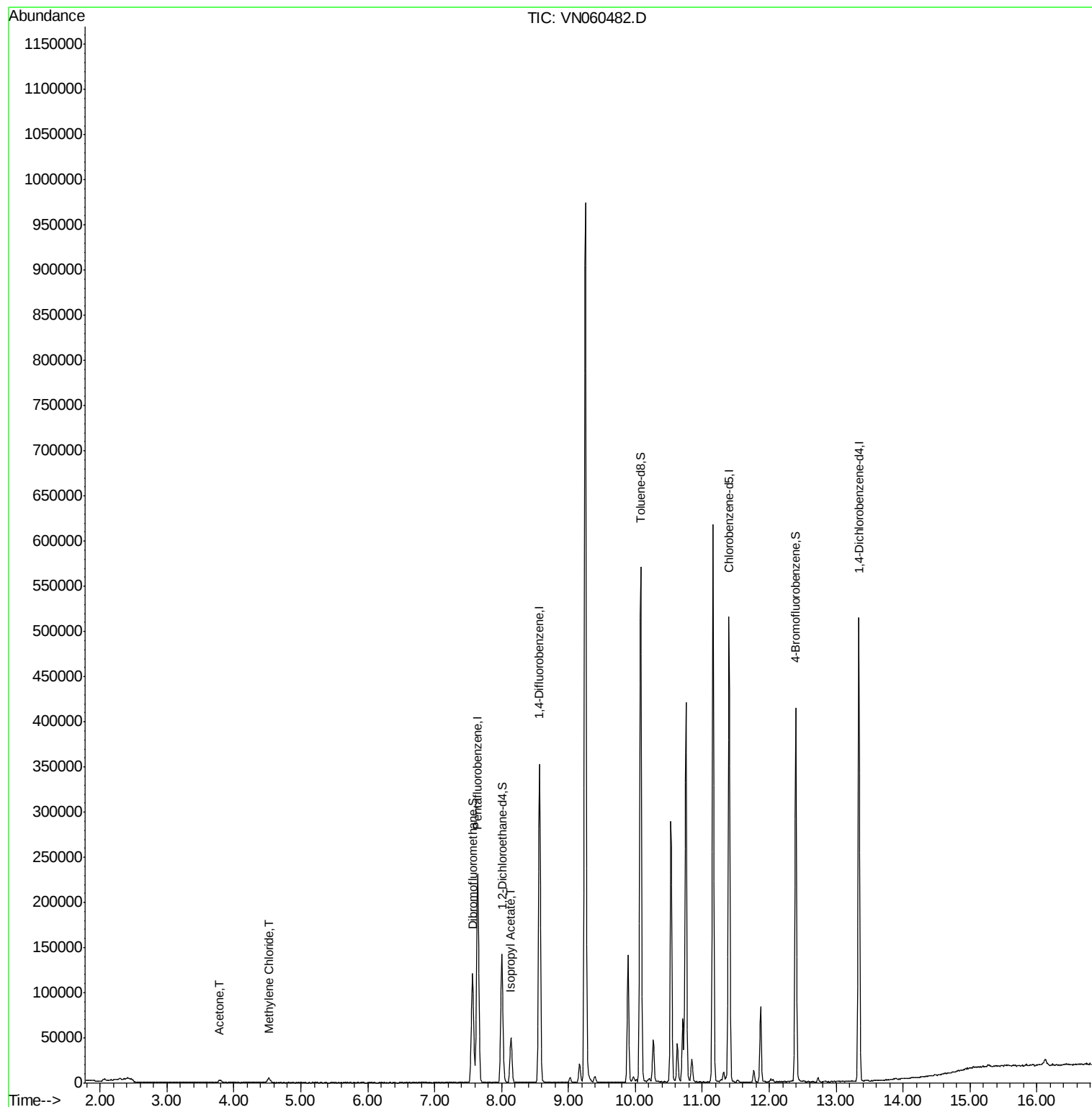
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	309787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	122017	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	7.57	113	92597	64.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.80%	
50) Toluene-d8	10.08	98	385659	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.40	95	143400	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
Target Compounds						
16) Acetone	3.79	43	6760	8.705	ug/l	100
20) Methylene Chloride	4.52	84	4103	1.924	ug/l	95
43) Isopropyl Acetate	8.14	43	59665	12.191	ug/l #	90

(#) = 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# 1826

Delta R.T. 0.00 min

Lab File: VN060482.D

Acq: 12 Mar 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

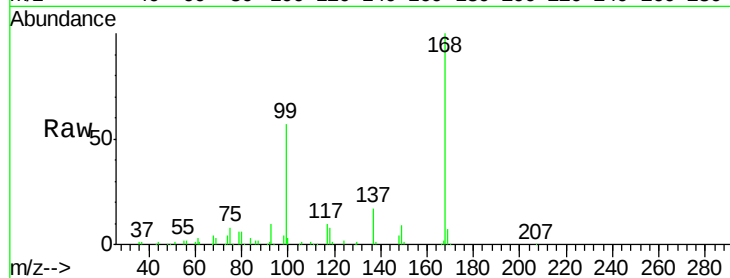
PB127465ZHE#04

Tot Ion:168 Resp: 187438

Ion Ratio Lower Upper

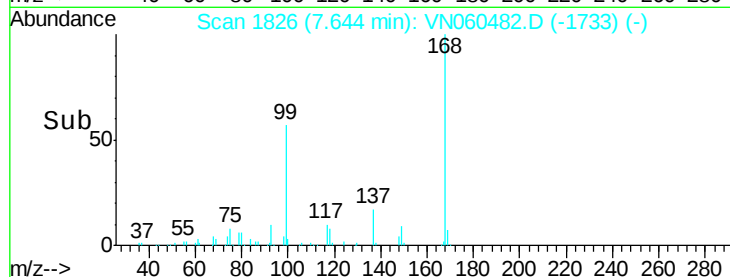
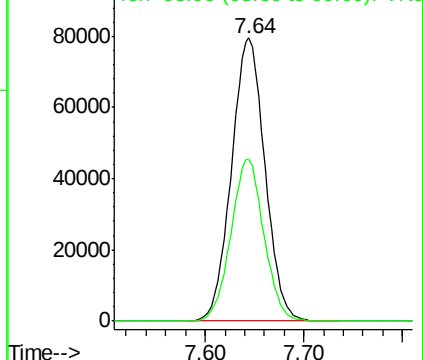
168 100

99 57.3 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: 8.705 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060482.D

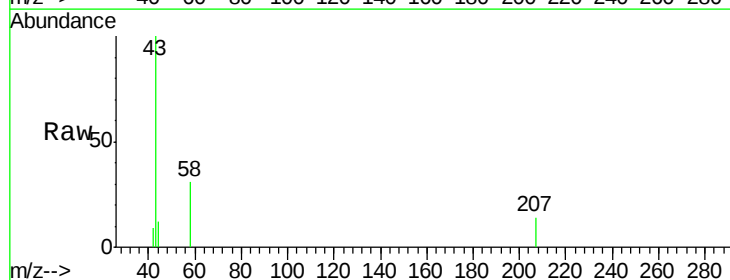
Acq: 12 Mar 2020 16:19

Tgt Ion: 43 Resp: 6760

Ion Ratio Lower Upper

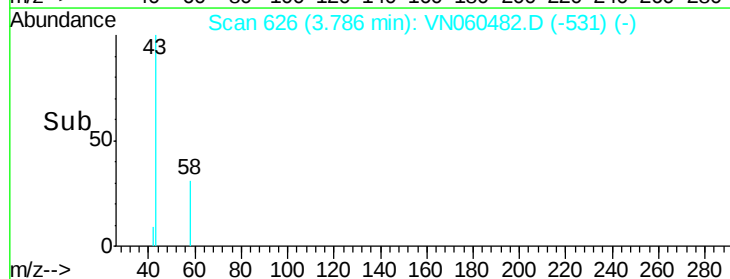
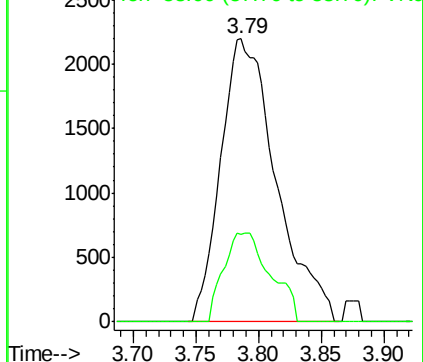
43 100

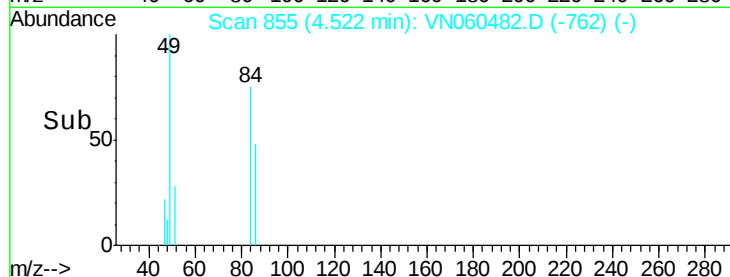
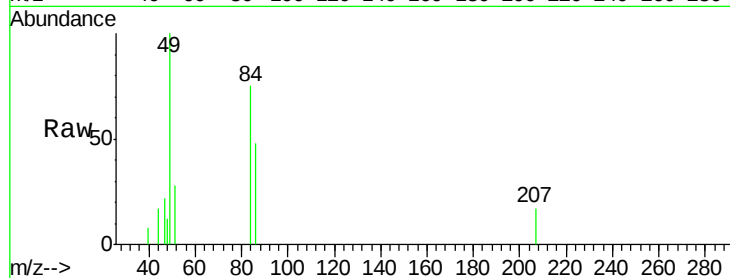
58 30.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

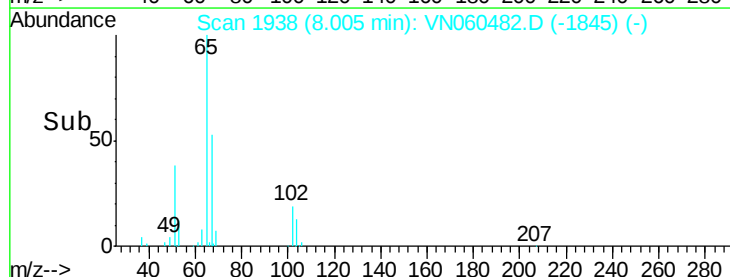
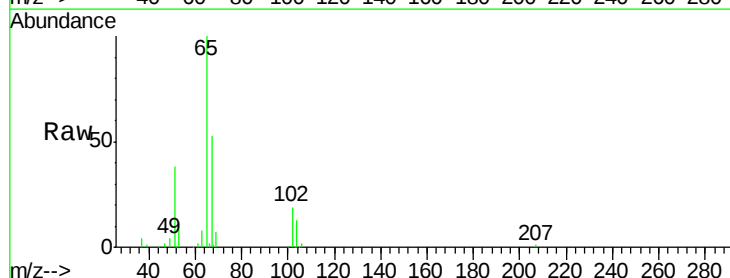
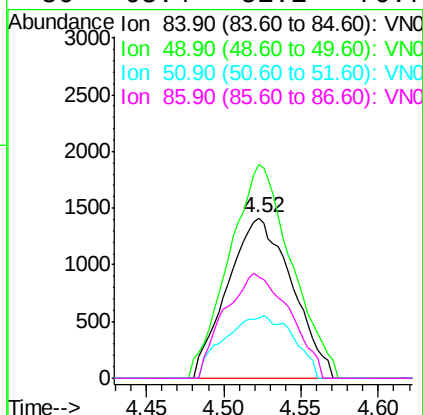




#20
Methylene Chloride
Concen: 1.924 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060482.D
Acq: 12 Mar 2020 16:19

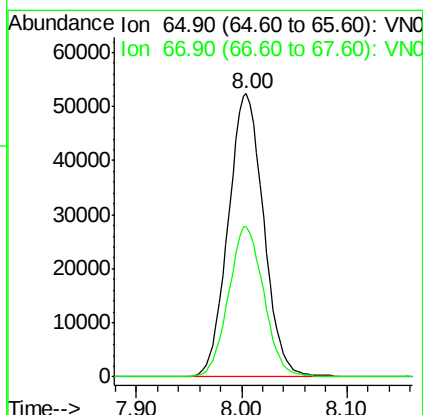
Instrument :
MSVOA_N
ClientSampleId :
PB127465ZHE#04

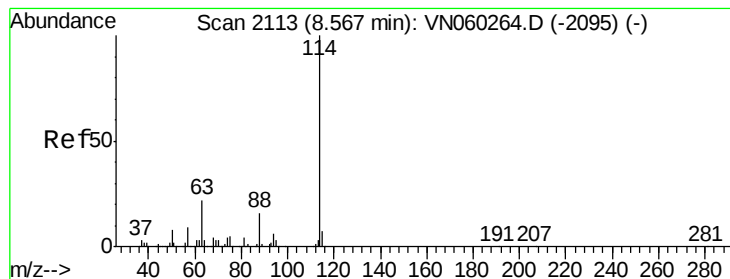
Tot Ion:	84	Resp:	4103
Ion	Ratio	Lower	Upper
84	100		
49	133.1	99.3	148.9
51	37.5	30.1	45.1
86	63.4	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.738 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060482.D
Acq: 12 Mar 2020 16:19

Tgt Ion:	65	Resp:	122017
Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VN060482.D

Acq: 12 Mar 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#04

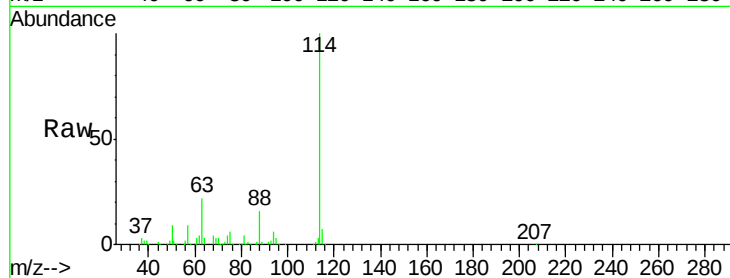
Tot Ion:114 Resp: 309787

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

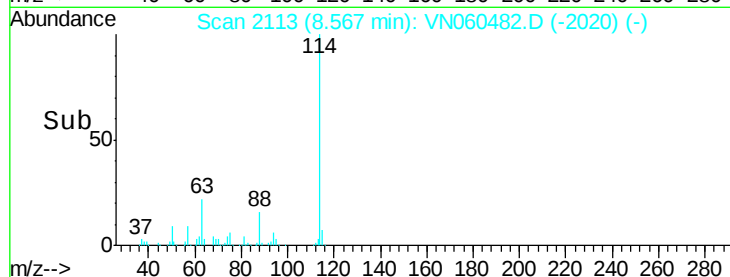
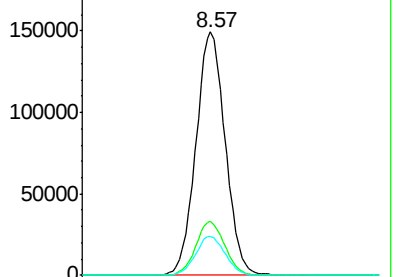
88 16.1 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 64.396 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060482.D

Acq: 12 Mar 2020 16:19

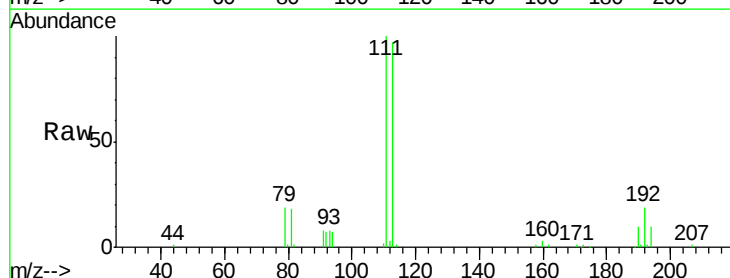
Tgt Ion:113 Resp: 92597

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

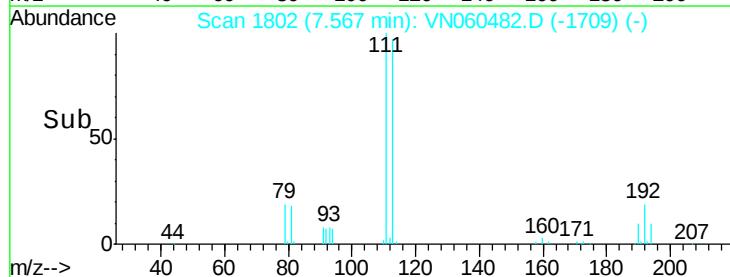
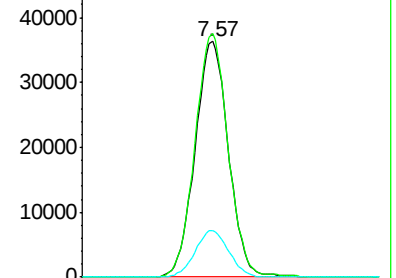
192 19.6 16.2 24.2



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: 12.191 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060482.D

Acq: 12 Mar 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#04

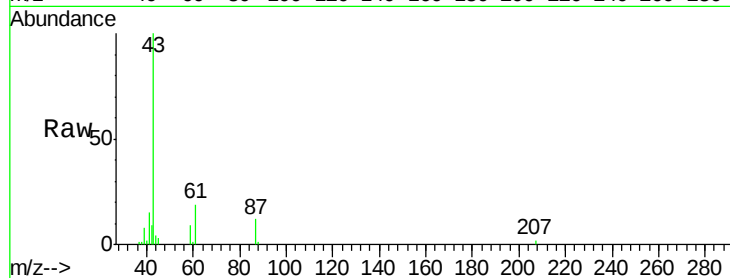
Tot Ion: 43 Resp: 59665

Ion Ratio Lower Upper

43 100

61 19.3 20.9 31.3#

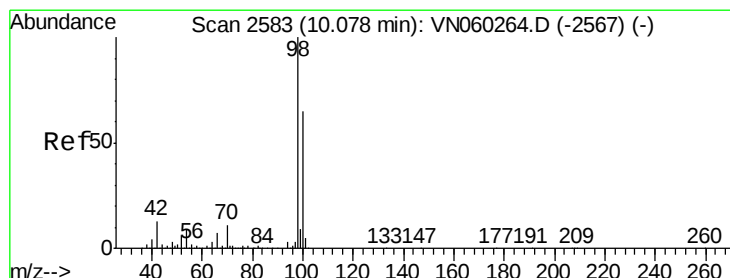
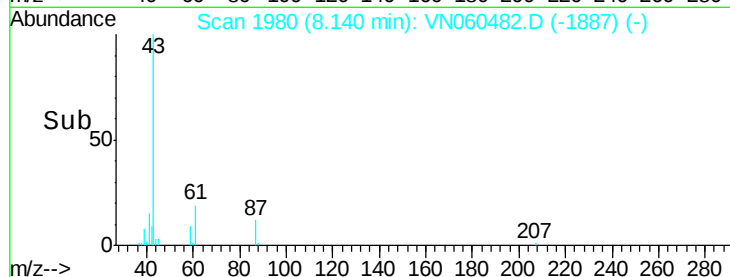
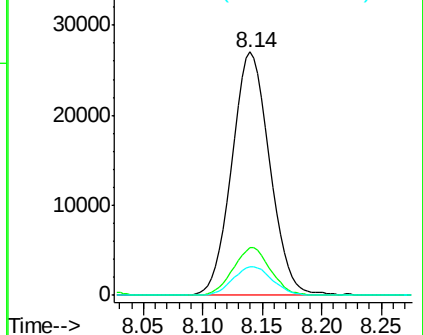
87 12.1 10.6 16.0



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: 52.993 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060482.D

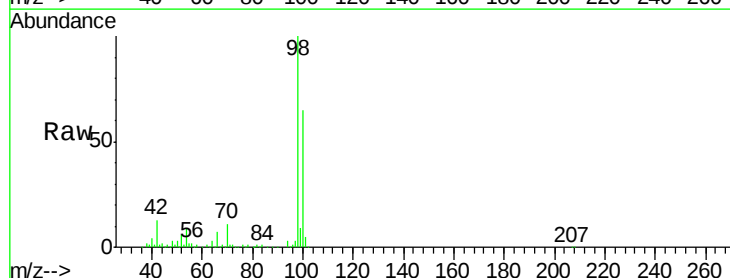
Acq: 12 Mar 2020 16:19

Tgt Ion: 98 Resp: 385659

Ion Ratio Lower Upper

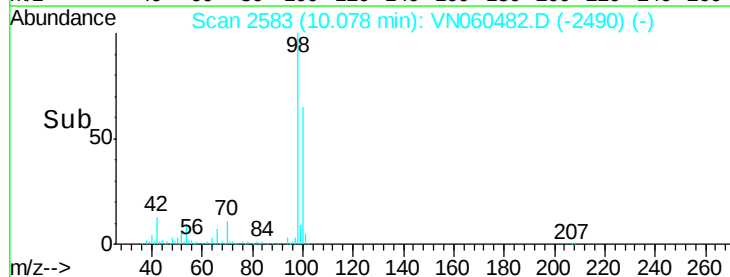
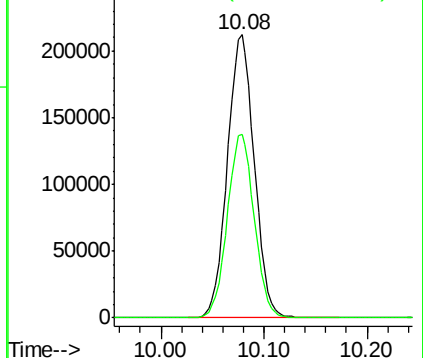
98 100

100 64.7 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: 51.980 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060482.D

Acq: 12 Mar 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#04

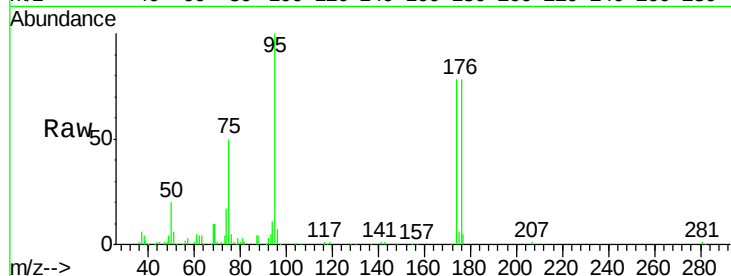
Tot Ion: 95 Resp: 143400

Ion Ratio Lower Upper

95 100

174 78.0 0.0 159.2

176 77.1 0.0 153.8

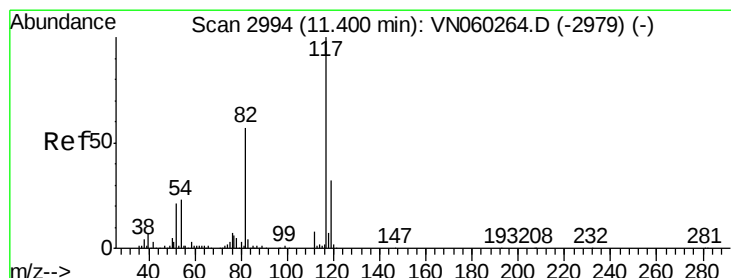
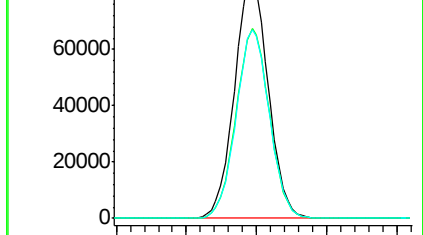
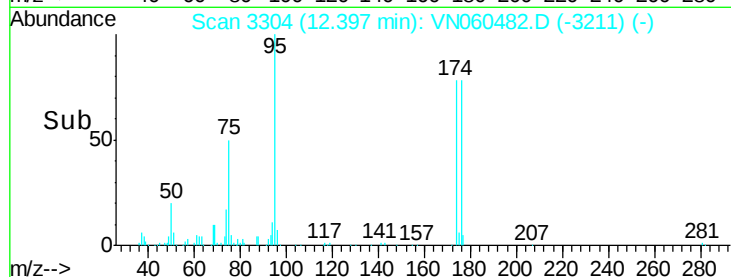


Abundance Ion 94.90 (94.60 to 95.60): VN060482.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060482.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060482.D (-3211) (-)

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060482.D

Acq: 12 Mar 2020 16:19

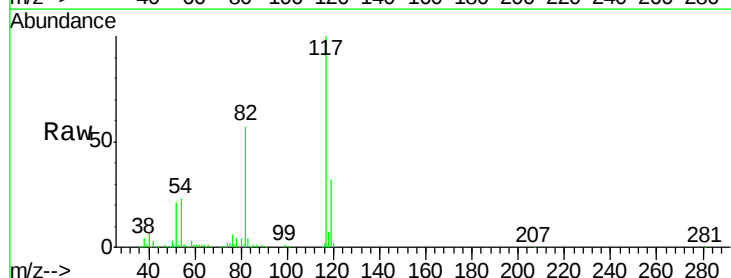
Tgt Ion: 117 Resp: 291718

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.6

119 31.9 25.8 38.8

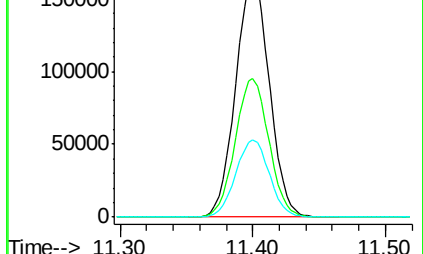
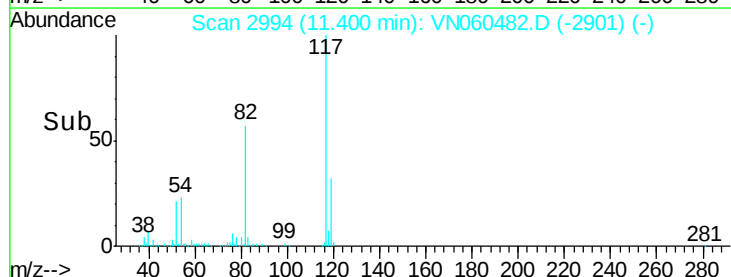


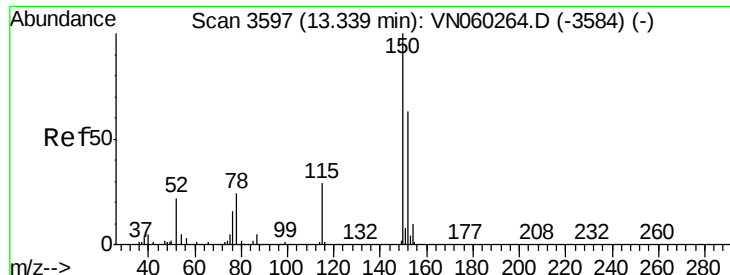
Abundance Ion 116.90 (116.60 to 117.60): VN060482.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060482.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060482.D (-2901) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060482.D

Acq: 12 Mar 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#04

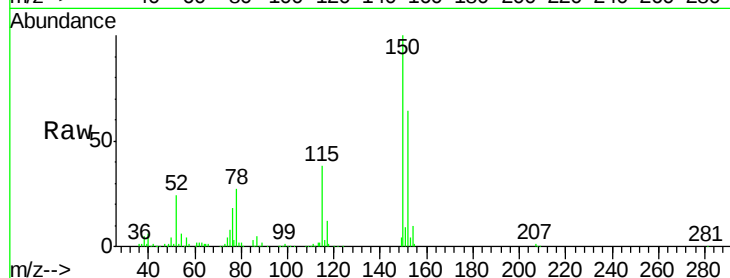
Tot Ion:152 Resp: 133316

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 157.3 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

