

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062389.D
 Acq On : 7 Jul 2020 1:59
 Operator : JC/MD
 Sample : PB129462ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129462ZHE#05

Quant Time: Jul 07 05:59:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

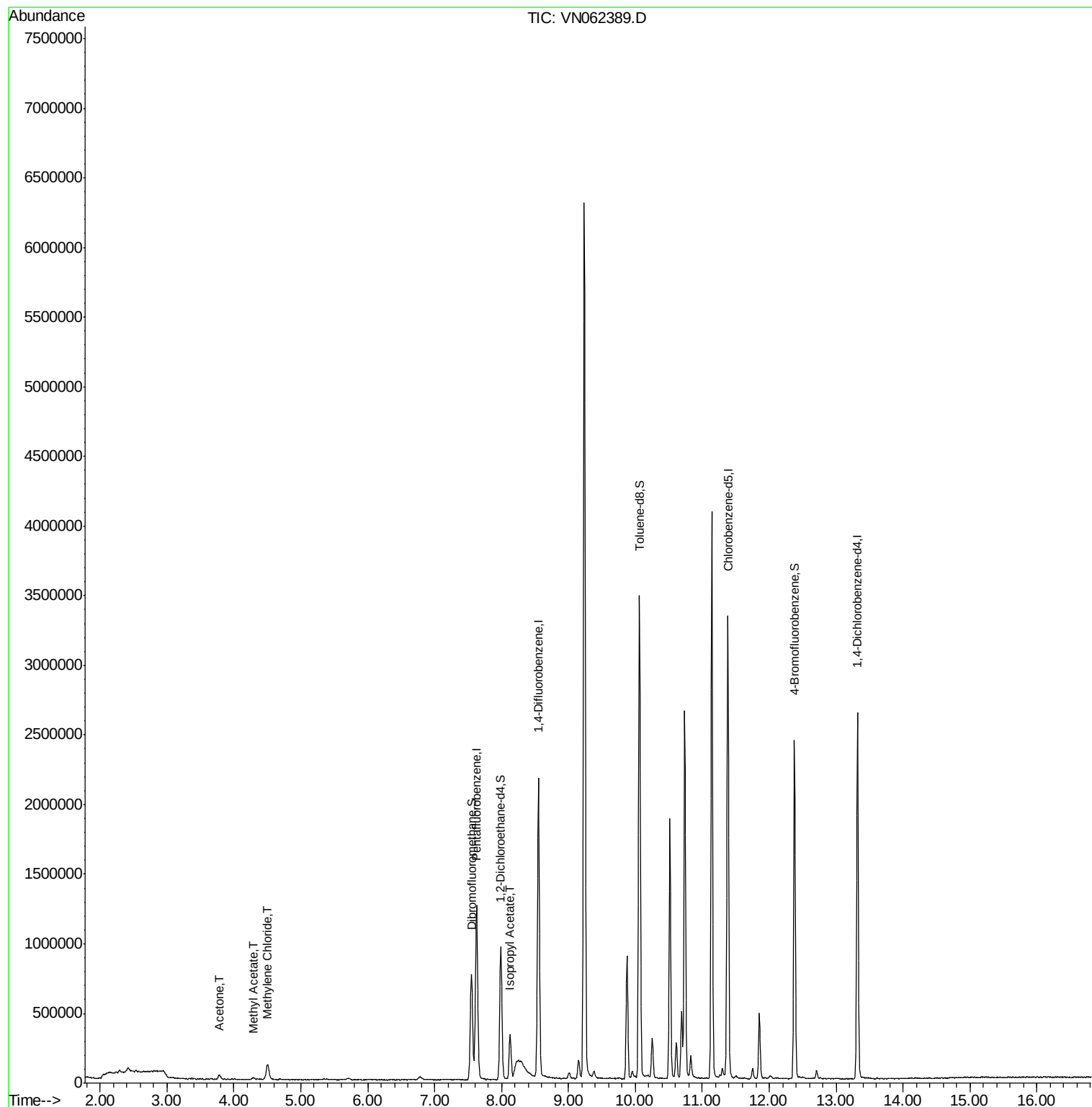
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	916365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1727122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1670153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	641197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	831902	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	7.55	113	561285	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.06	98	2223555	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.38	95	799303	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
Target Compounds						
16) Acetone	3.78	43	57058	7.466	ug/l	95
18) Methyl Acetate	4.29	43	30851	1.503	ug/l #	76
20) Methylene Chloride	4.50	84	71111	5.034	ug/l	97
43) Isopropyl Acetate	8.13	43	388150	10.786	ug/l	98

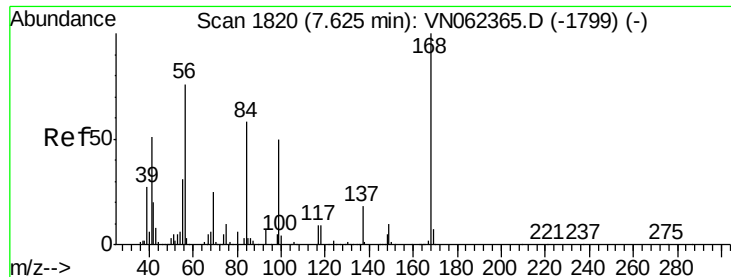
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 07 05:08:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062389.D

Acq: 7 Jul 2020 1:59

Instrument :

MSVOA_N

ClientSampleId :

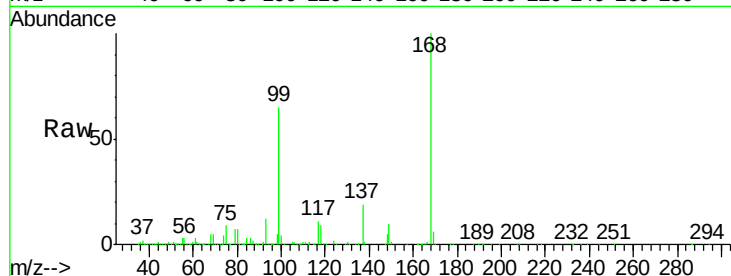
PB129462ZHE#05

Tot Ion:168 Resp: 916365

Ion Ratio Lower Upper

168 100

99 65.0 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

400000

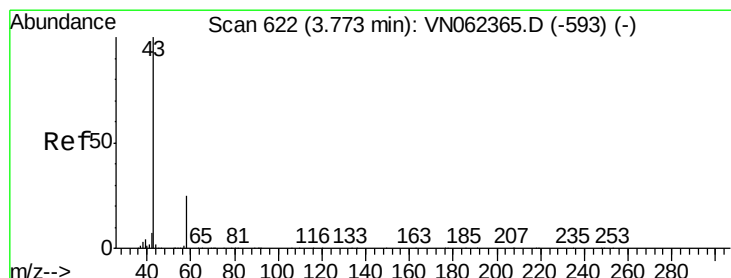
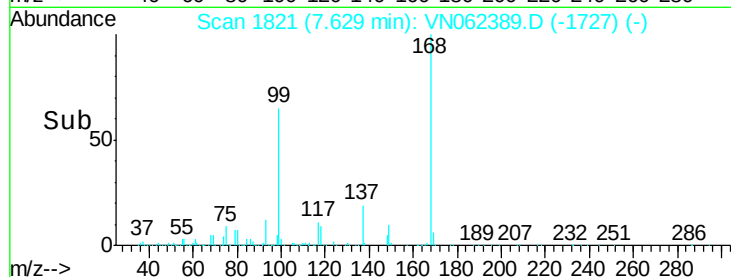
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.466 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062389.D

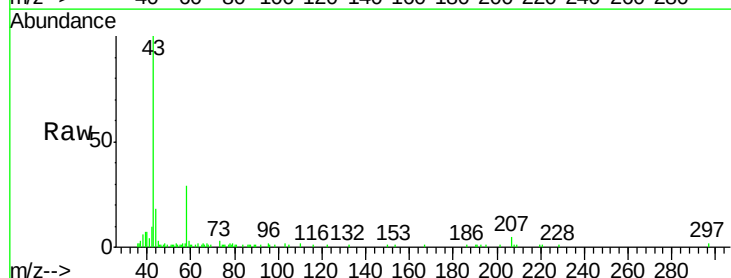
Acq: 7 Jul 2020 1:59

Tgt Ion: 43 Resp: 57058

Ion Ratio Lower Upper

43 100

58 27.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

20000

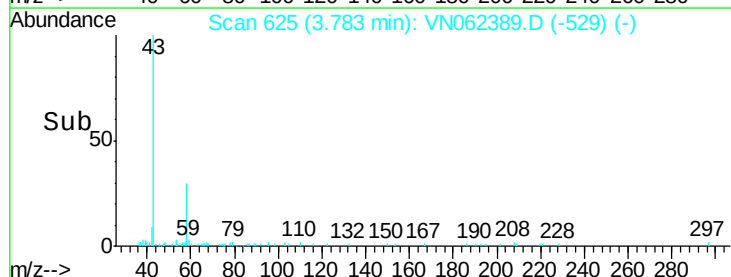
15000

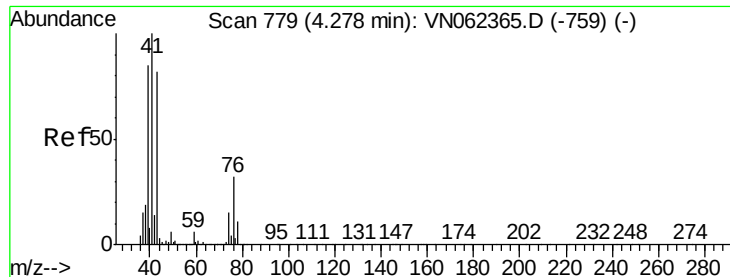
10000

5000

0

Time-->

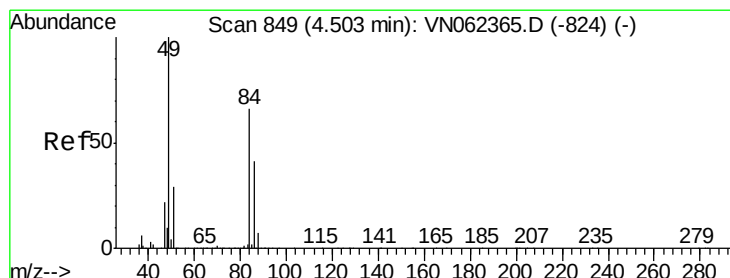
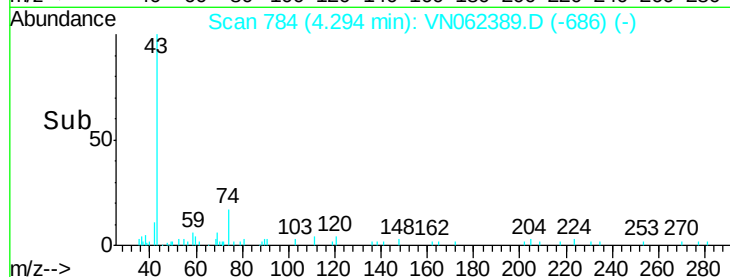
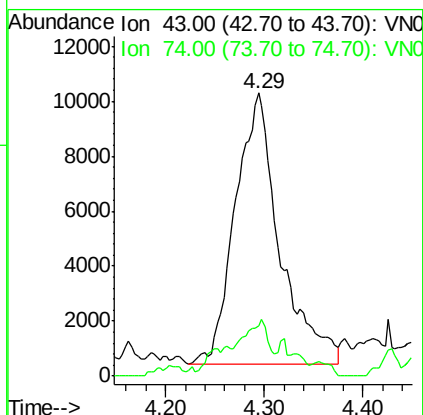
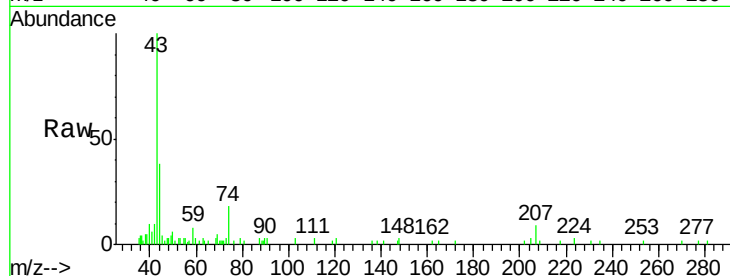




#18
Methvl Acetate
Concen: 1.503 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.02 min
Lab File: VN062389.D
Acq: 7 Jul 2020 1:59

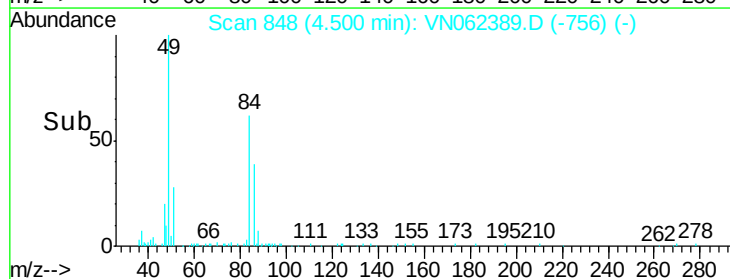
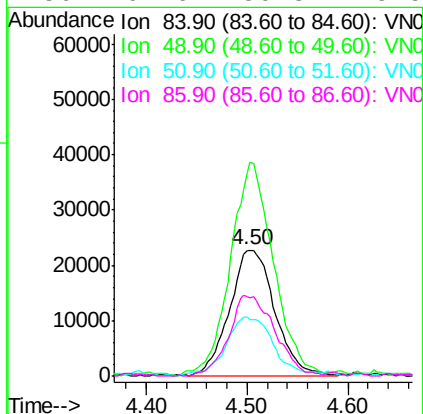
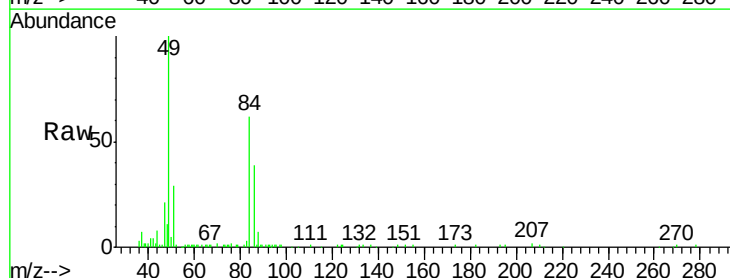
Instrument :
MSVOA_N
ClientSampleId :
PB129462ZHE#05

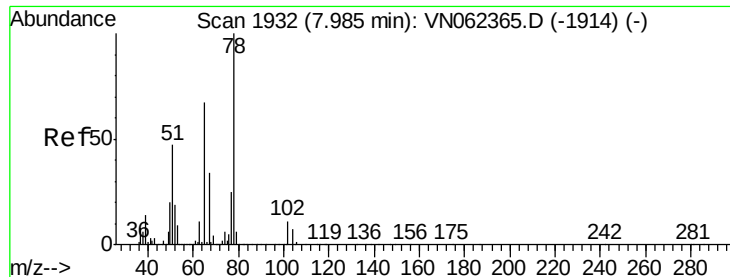
Tot Ion: 43 Resp: 30851
Ion Ratio Lower Upper
43 100
74 7.3 14.2 21.4#



#20
Methylene Chloride
Concen: 5.034 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062389.D
Acq: 7 Jul 2020 1:59

Tgt Ion: 84 Resp: 71111
Ion Ratio Lower Upper
84 100
49 157.6 121.8 182.6
51 45.8 35.0 52.4
86 62.6 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 50.187 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062389.D

Acq: 7 Jul 2020 1:59

Instrument :

MSVOA_N

ClientSampleId :

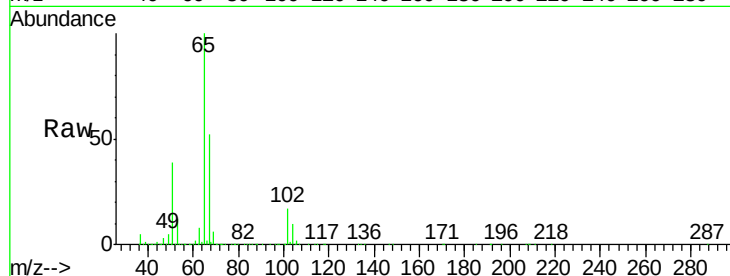
PB129462ZHE#05

Tot Ion: 65 Resp: 831902

Ion Ratio Lower Upper

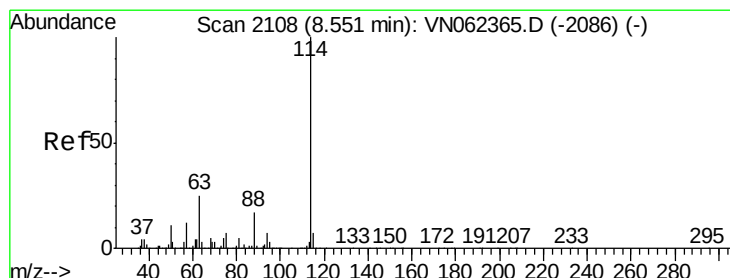
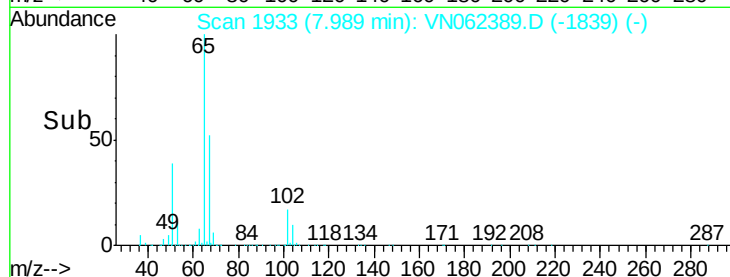
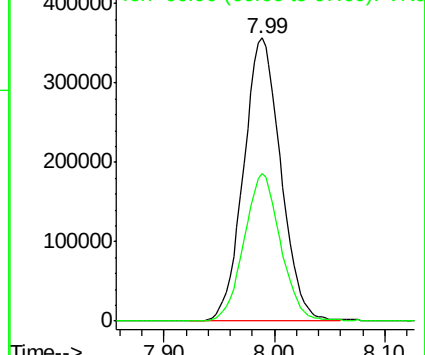
65 100

67 51.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062389.D

Acq: 7 Jul 2020 1:59

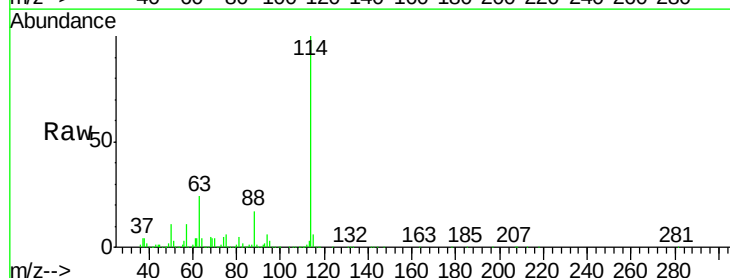
Tgt Ion: 114 Resp: 1727122

Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.0

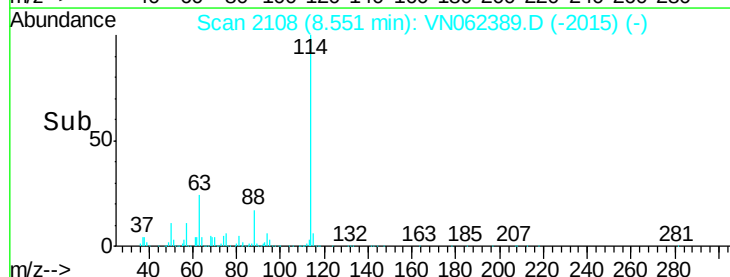
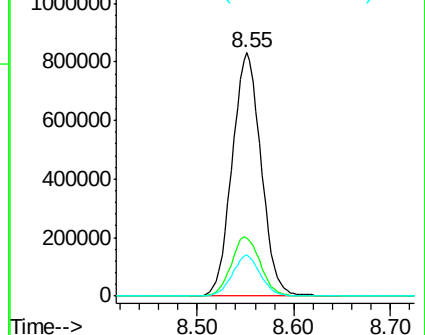
88 16.8 0.0 34.0

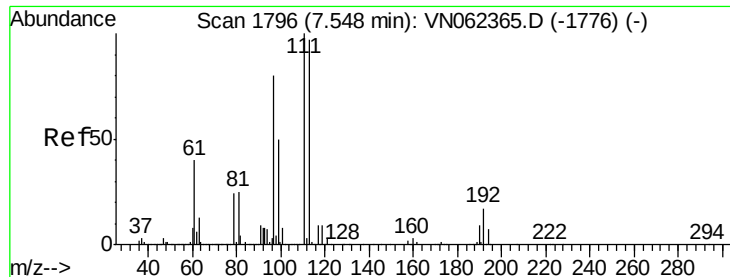


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

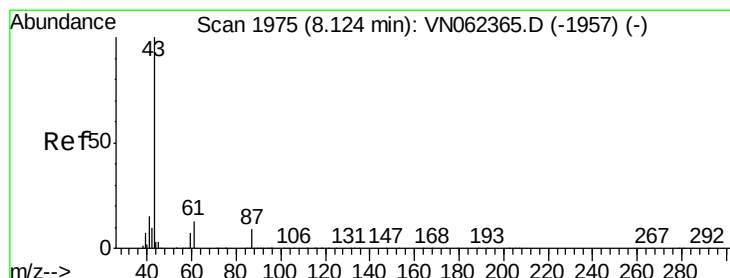
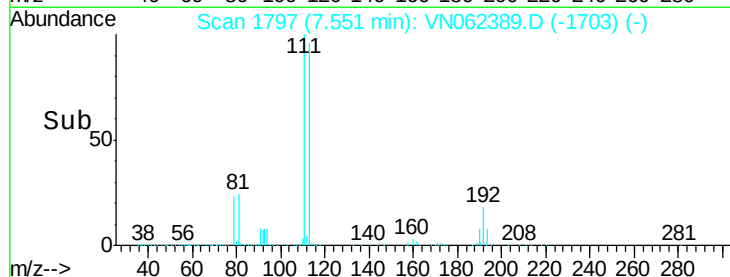
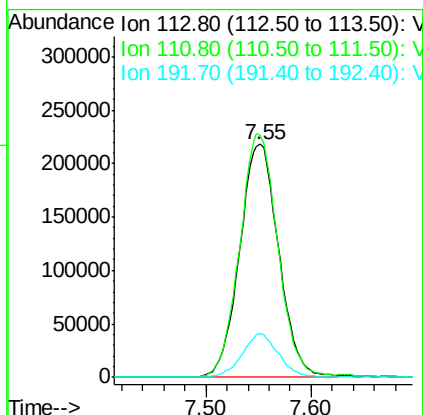
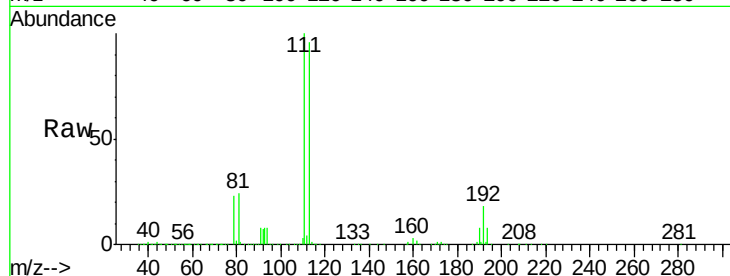




#35
 Dibromofluoromethane
 Concen: 47.638 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062389.D
 Acq: 7 Jul 2020 1:59

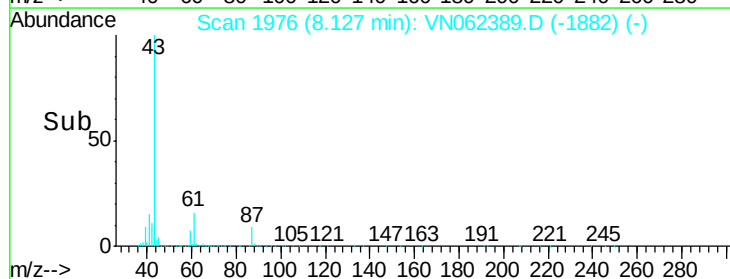
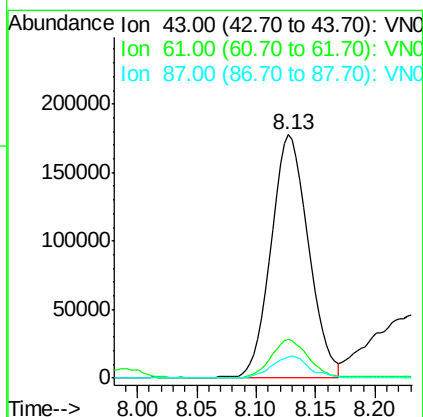
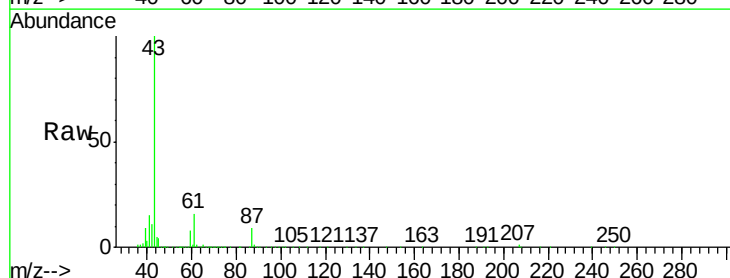
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129462ZHE#05

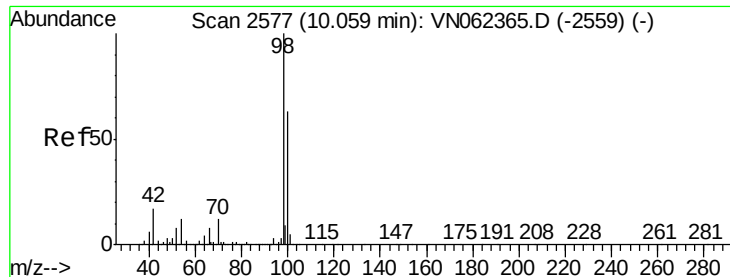
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.2	124.8
192	17.5	14.2	21.2



#43
 Isopropyl Acetate
 Concen: 10.786 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062389.D
 Acq: 7 Jul 2020 1:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.5	13.1	19.7
87	9.2	7.5	11.3





#50

Toluene-d8

Concen: 50.484 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062389.D

Acq: 7 Jul 2020 1:59

Instrument :

MSVOA_N

ClientSampleId :

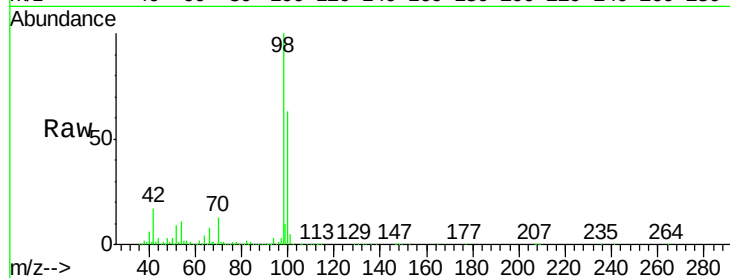
PB129462ZHE#05

Tot Ion: 98 Resp: 2223555

Ion Ratio Lower Upper

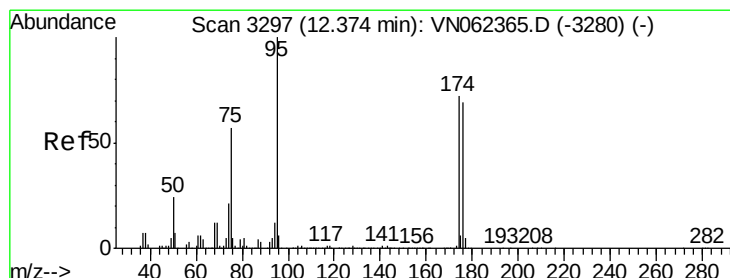
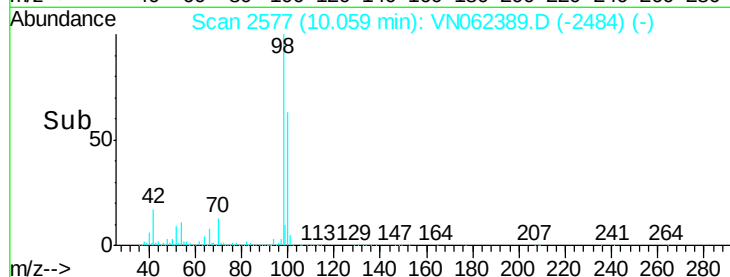
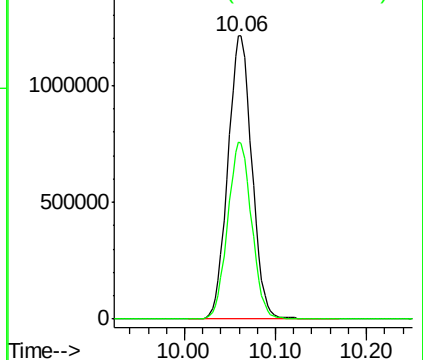
98 100

100 62.4 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.384 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062389.D

Acq: 7 Jul 2020 1:59

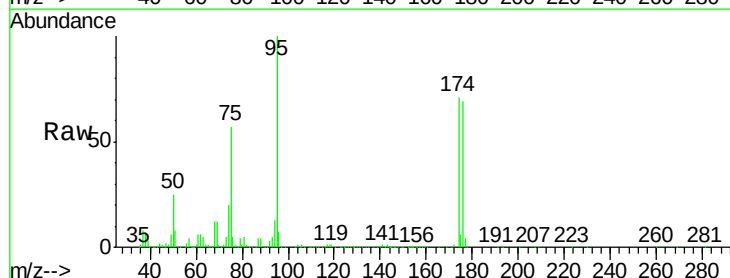
Tgt Ion: 95 Resp: 799303

Ion Ratio Lower Upper

95 100

174 72.1 0.0 145.8

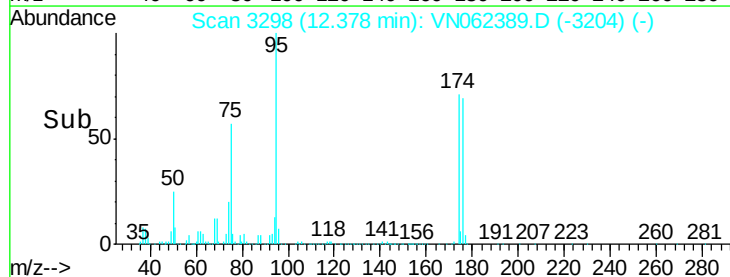
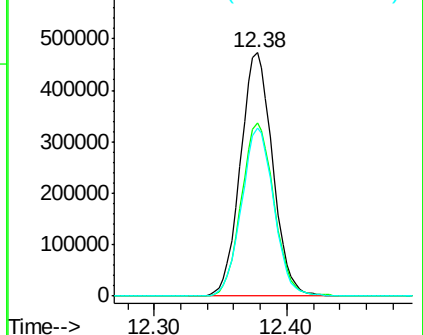
176 69.2 0.0 140.2

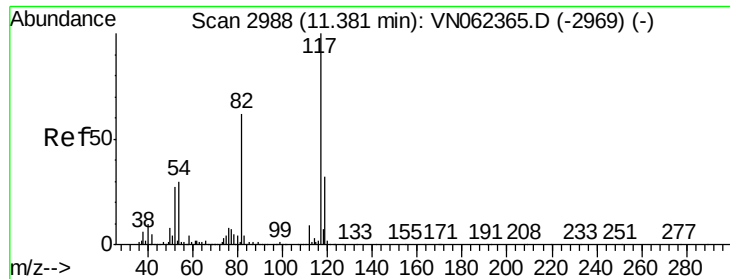


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

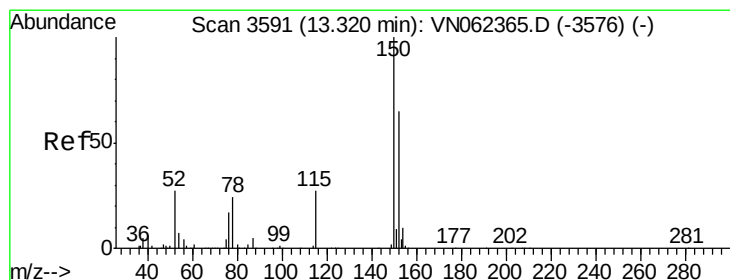
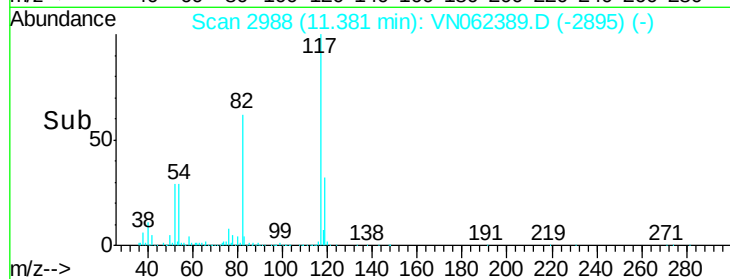
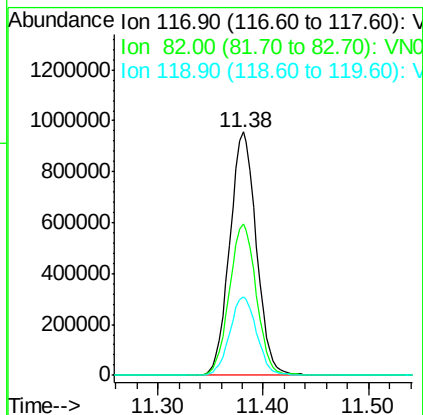
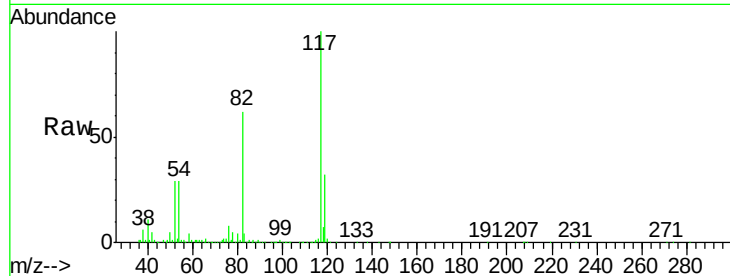




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062389.D
Acq: 7 Jul 2020 1:59

Instrument :
MSVOA_N
ClientSampleId :
PB129462ZHE#05

Tot Ion:117 Resp: 1670153
Ion Ratio Lower Upper
117 100
82 62.3 49.4 74.2
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062389.D
Acq: 7 Jul 2020 1:59

Tgt Ion:152 Resp: 641197
Ion Ratio Lower Upper
152 100
115 61.8 30.5 91.5
150 154.5 0.0 346.8

