

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062392.D
 Acq On : 7 Jul 2020 3:12
 Operator : JC/MD
 Sample : PB129949TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129949TB

Quant Time: Jul 07 06:07:26 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

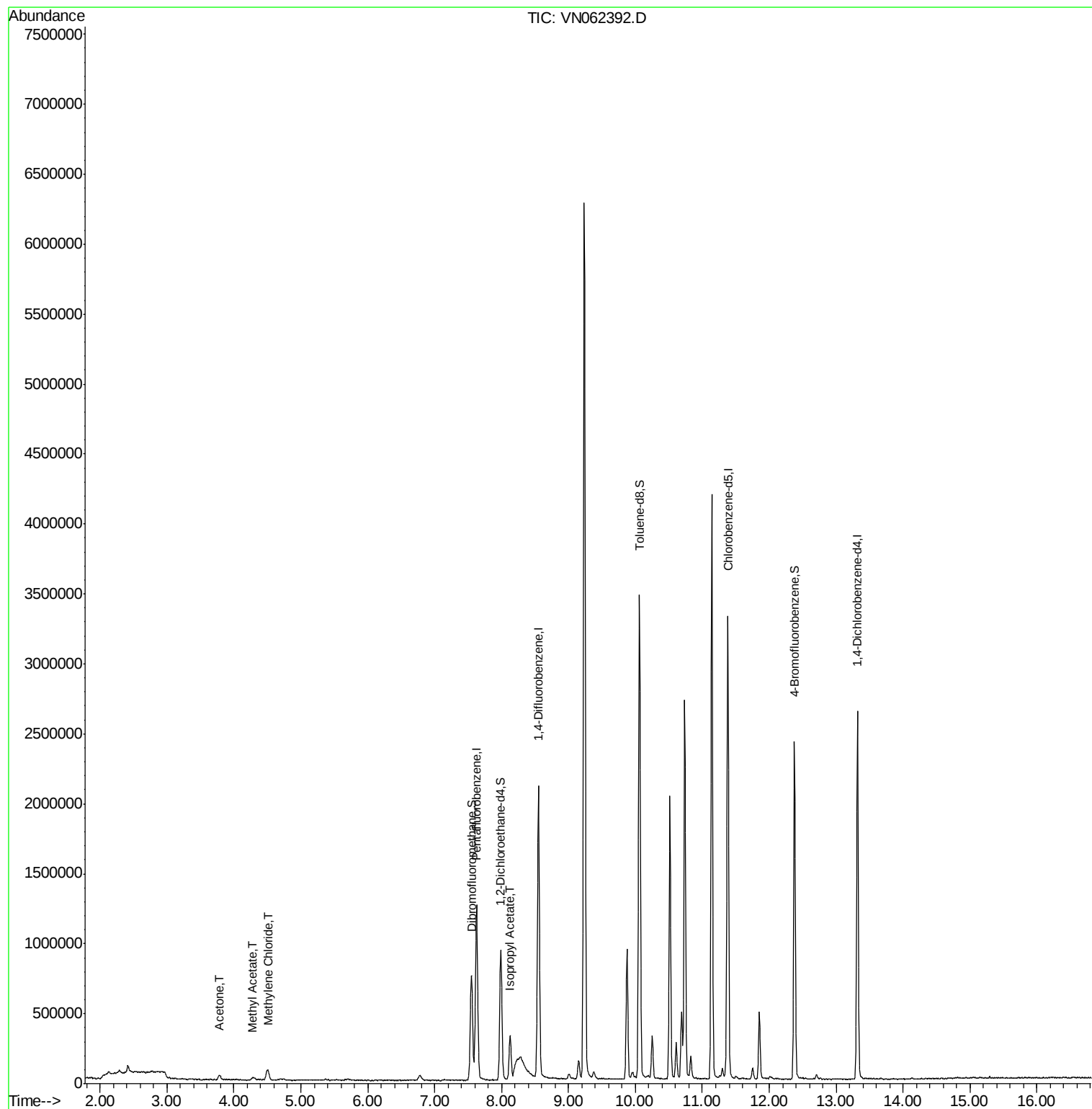
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	900325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1686003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1649375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	629689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	826128	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
35) Dibromofluoromethane	7.55	113	567439	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.06	98	2187868	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.38	95	783893	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
Target Compounds						
16) Acetone	3.78	43	59340	7.903	ug/l	93
18) Methyl Acetate	4.28	43	35108	1.827	ug/l #	72
20) Methylene Chloride	4.50	84	50818	3.248	ug/l	96
43) Isopropyl Acetate	8.13	43	388833	11.069	ug/l	98

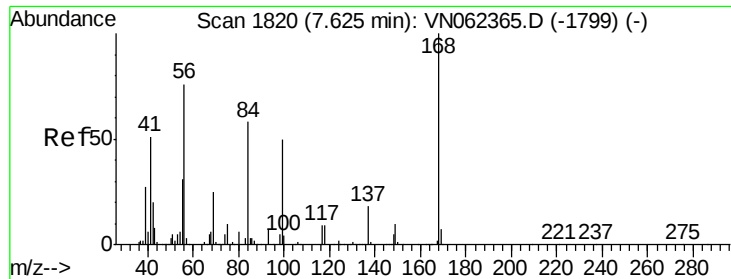
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN062392.D

Acq: 7 Jul 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

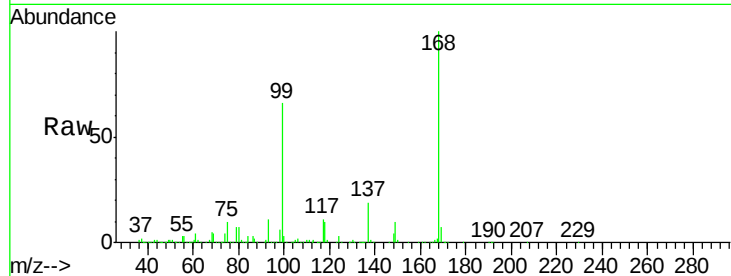
PB129949TB

Tot Ion:168 Resp: 900325

Ion Ratio Lower Upper

168 100

99 65.8 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

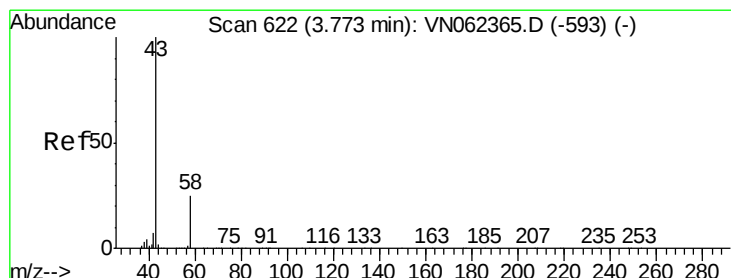
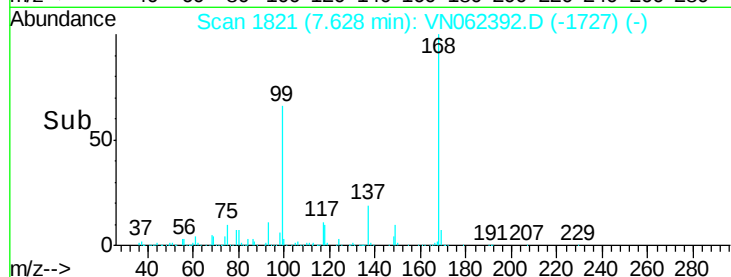
300000

200000

100000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 7.903 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062392.D

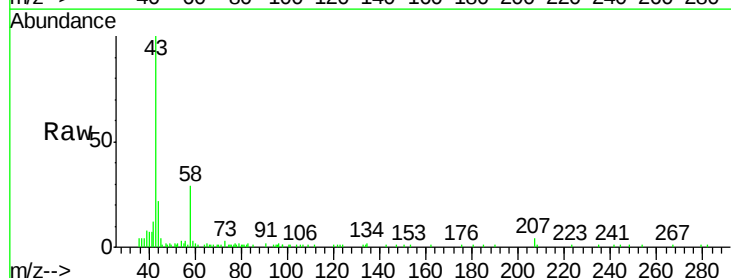
Acq: 7 Jul 2020 3:12

Tgt Ion: 43 Resp: 59340

Ion Ratio Lower Upper

43 100

58 28.2 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

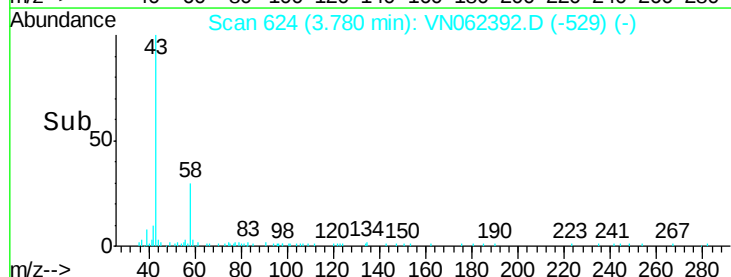
15000

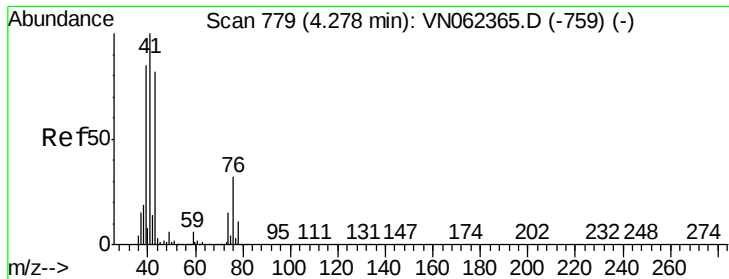
10000

5000

0

Time--> 3.70 3.75 3.80 3.85 3.90

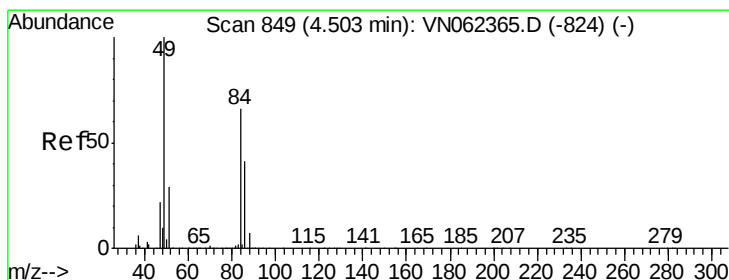
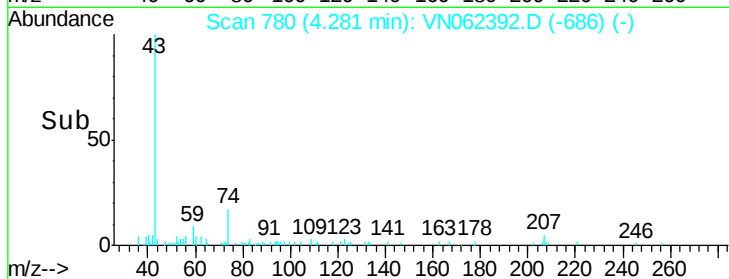
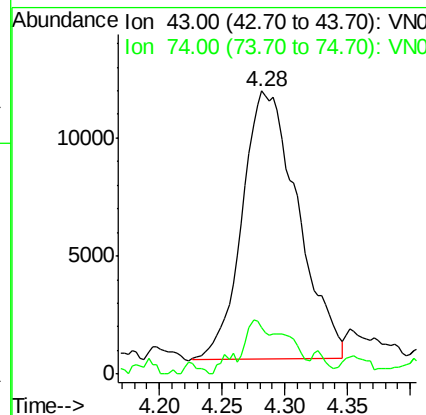
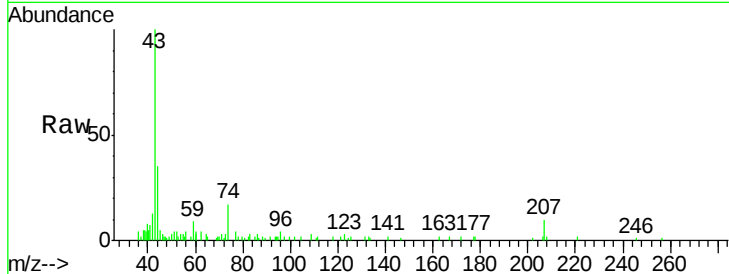




#18
Methyl Acetate
Concen: 1.827 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062392.D
Acq: 7 Jul 2020 3:12

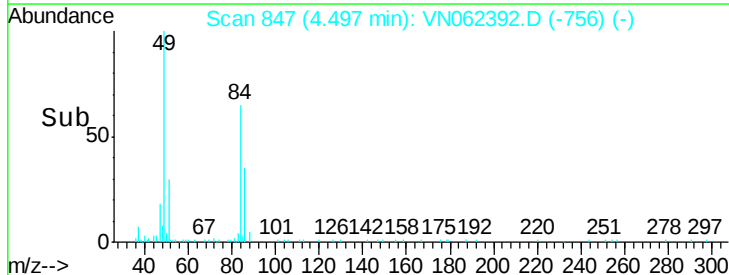
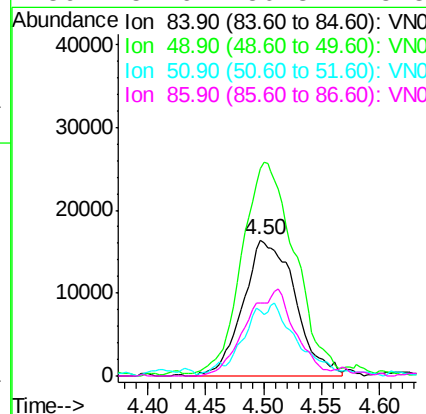
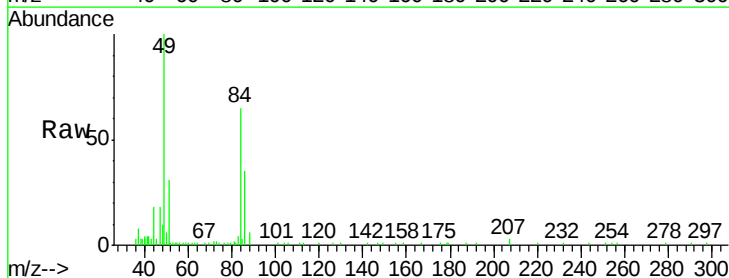
Instrument :
MSVOA_N
ClientSampled :
PB129949TB

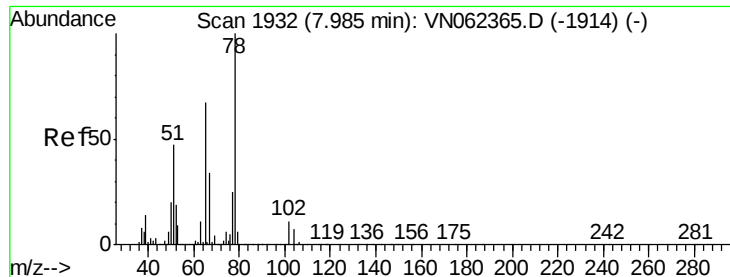
Tot Ion: 43 Resp: 35108
Ion Ratio Lower Upper
43 100
74 5.6 14.2 21.4#



#20
Methylene Chloride
Concen: 3.248 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062392.D
Acq: 7 Jul 2020 3:12

Tgt Ion: 84 Resp: 50818
Ion Ratio Lower Upper
84 100
49 150.8 121.8 182.6
51 44.1 35.0 52.4
86 52.6 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 50.726 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062392.D

Acq: 7 Jul 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

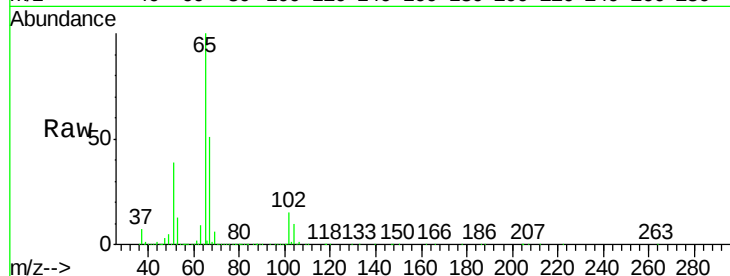
PB129949TB

Tot Ion: 65 Resp: 826128

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VN062392.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062392.D (-1839) (-)

7.99

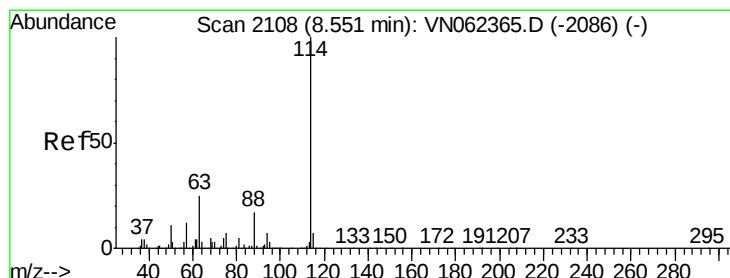
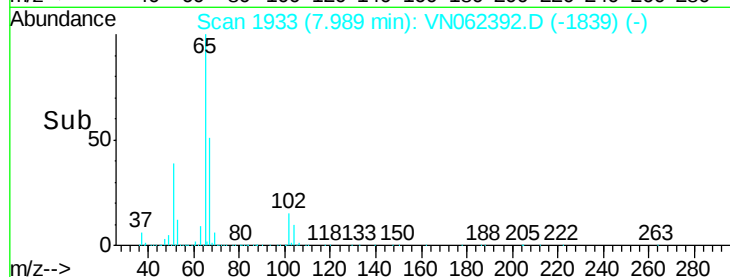
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062392.D

Acq: 7 Jul 2020 3:12

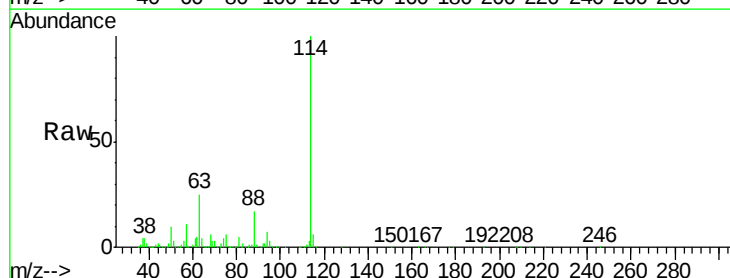
Tgt Ion: 114 Resp: 1686003

Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.0

88 16.6 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN062392.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062392.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062392.D (-2015) (-)

8.55

1000000

800000

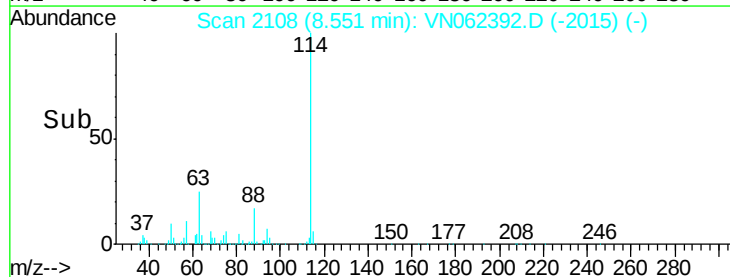
600000

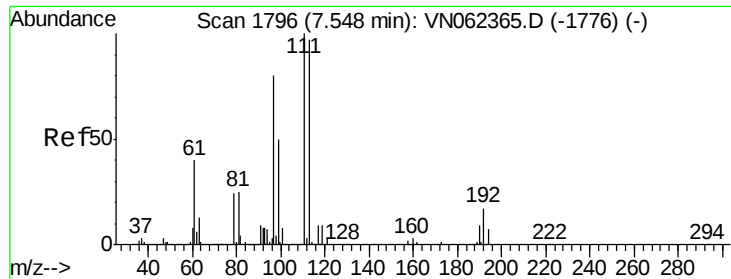
400000

200000

0

Time-->

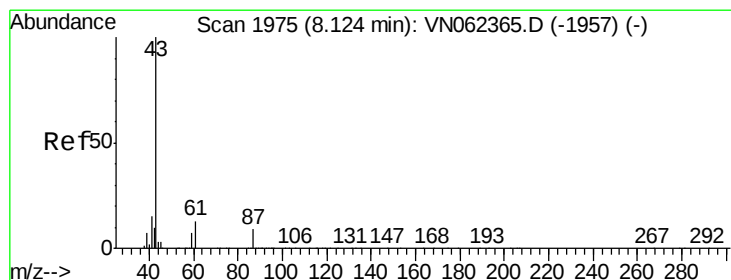
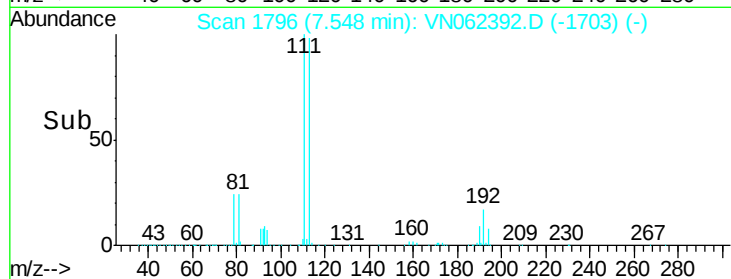
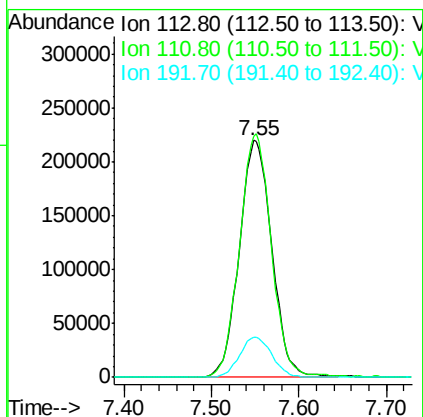
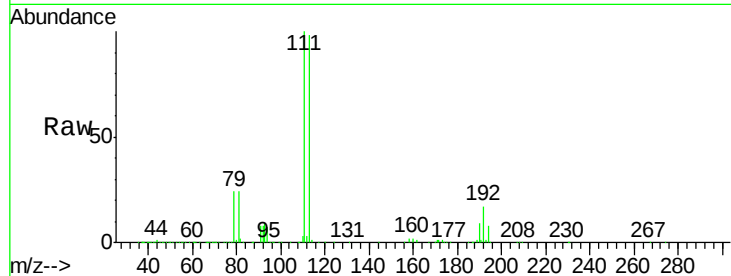




#35
 Dibromofluoromethane
 Concen: 49.335 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062392.D
 Acq: 7 Jul 2020 3:12

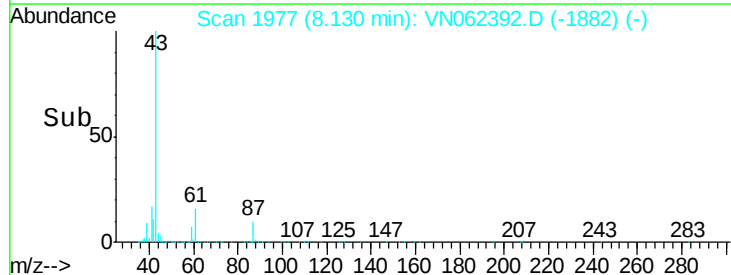
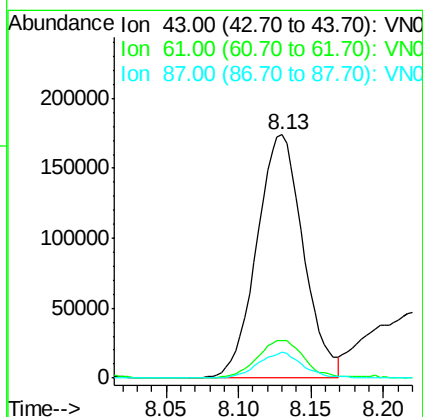
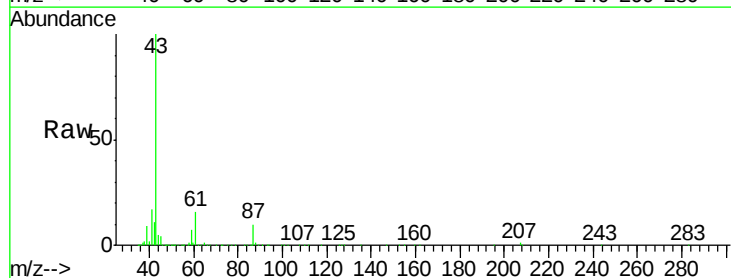
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129949TB

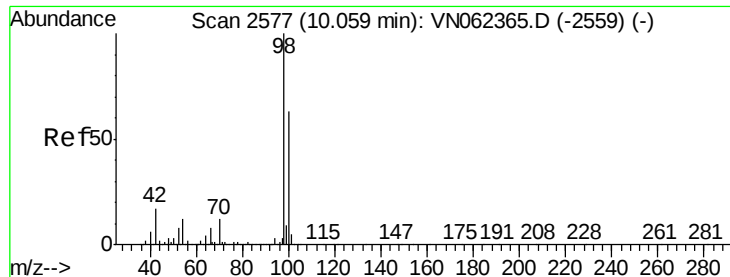
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.2	124.8
192	16.9	14.2	21.2



#43
 Isopropyl Acetate
 Concen: 11.069 ug/l
 RT: 8.13 min Scan# 1977
 Delta R.T. 0.01 min
 Lab File: VN062392.D
 Acq: 7 Jul 2020 3:12

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	13.1	19.7
87	10.1	7.5	11.3





#50

Toluene-d8

Concen: 50.885 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062392.D

Acq: 7 Jul 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

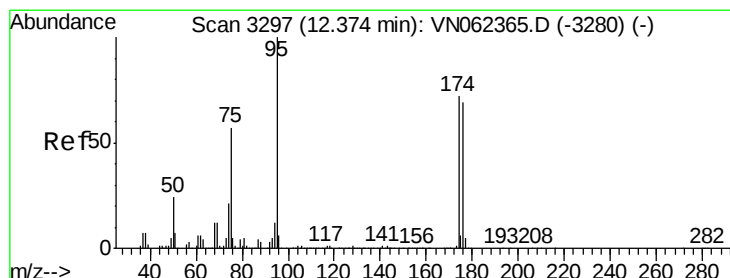
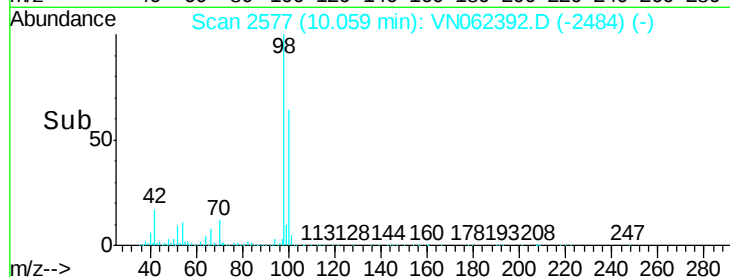
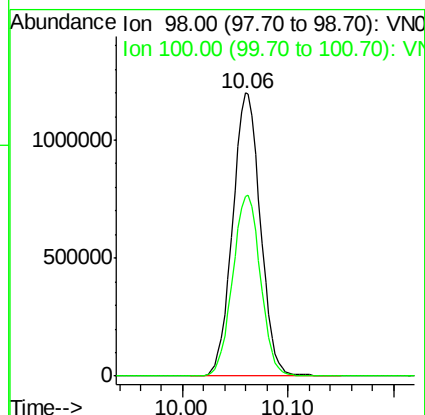
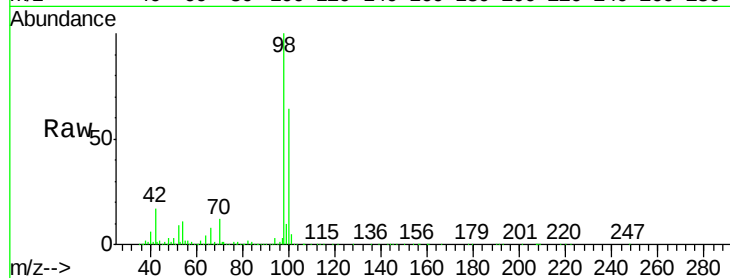
PB129949TB

Tot Ion: 98 Resp: 2187868

Ion Ratio Lower Upper

98 100

100 64.3 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 47.604 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062392.D

Acq: 7 Jul 2020 3:12

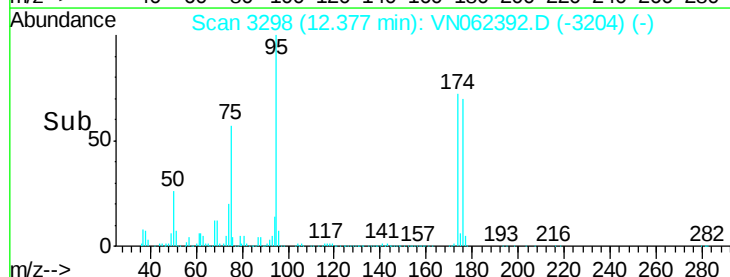
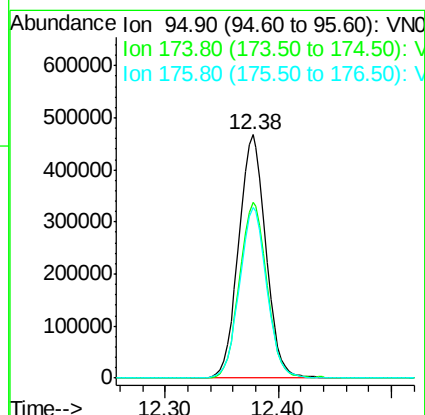
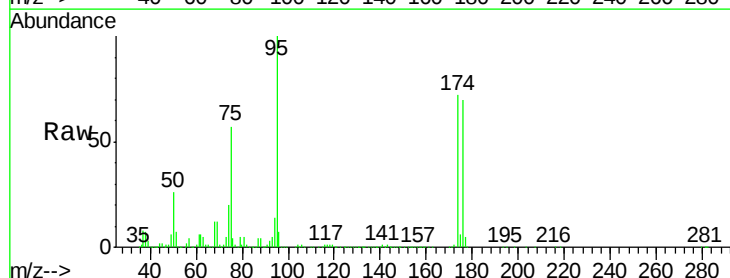
Tgt Ion: 95 Resp: 783893

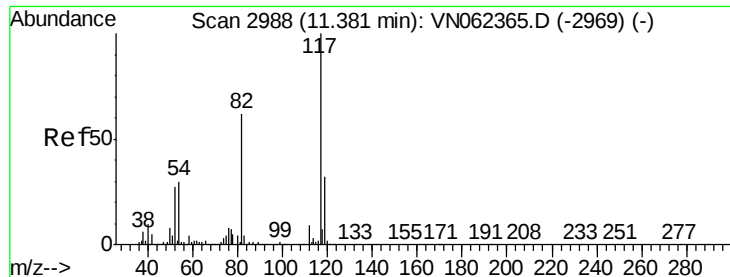
Ion Ratio Lower Upper

95 100

174 72.6 0.0 145.8

176 70.4 0.0 140.2

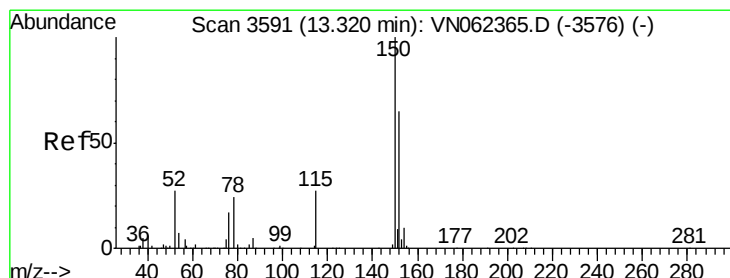
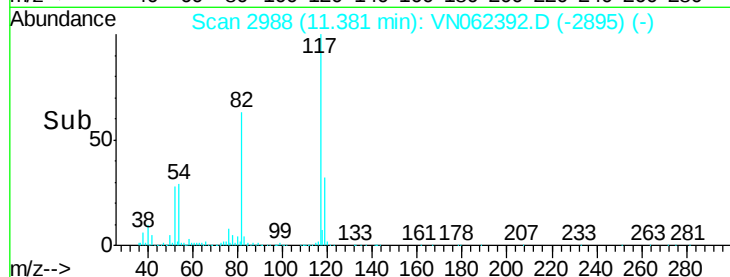
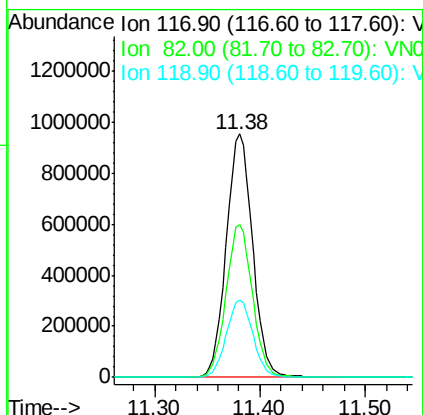
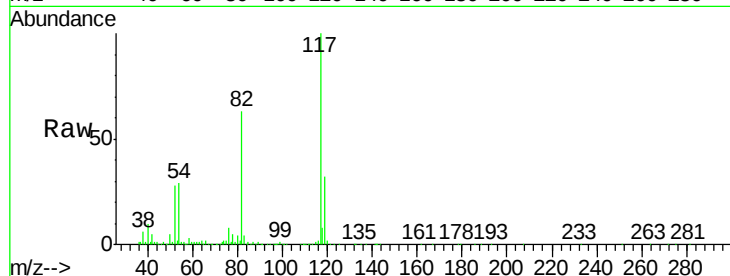




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062392.D
Acq: 7 Jul 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
PB129949TB

Tot Ion:117 Resp: 1649375
Ion Ratio Lower Upper
117 100
82 63.0 49.4 74.2
119 31.8 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: VN062392.D
Acq: 7 Jul 2020 3:12

Tgt Ion:152 Resp: 629689
Ion Ratio Lower Upper
152 100
115 62.9 30.5 91.5
150 156.2 0.0 346.8

