

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062386.D
 Acq On : 7 Jul 2020 00:46
 Operator : JC/MD
 Sample : PB129462ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129462ZHE#02

Quant Time: Jul 07 05:49:49 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

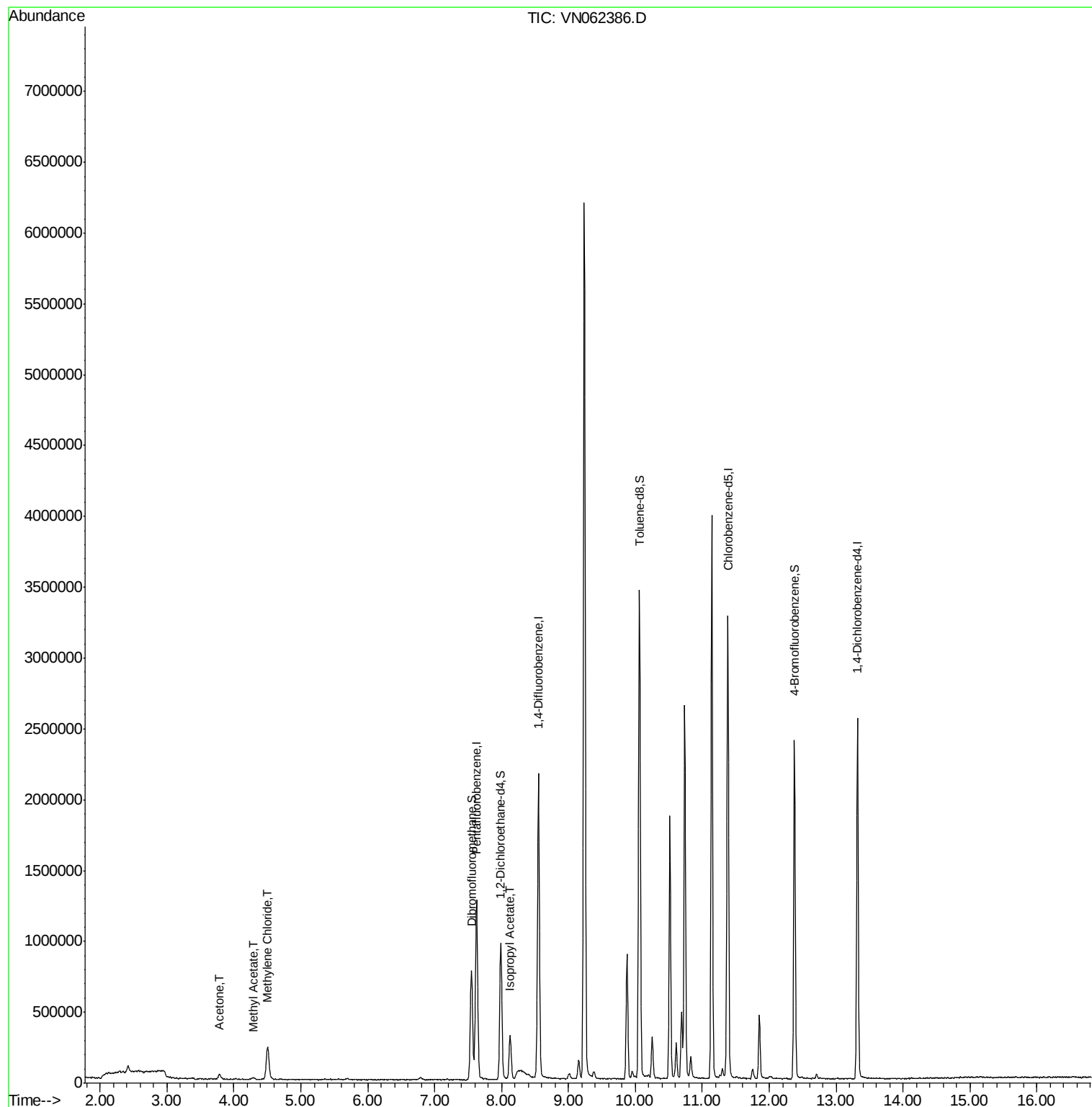
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	928262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1686244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1666696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	615710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	841098	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
35) Dibromofluoromethane	7.55	113	572245	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.06	98	2228473	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.38	95	788316	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
Target Compounds						
16) Acetone	3.78	43	60347	7.796	ug/l	99
18) Methyl Acetate	4.29	43	25429	1.122	ug/l #	76
20) Methylene Chloride	4.50	84	150705	12.189	ug/l	96
43) Isopropyl Acetate	8.13	43	382216	10.879	ug/l	99

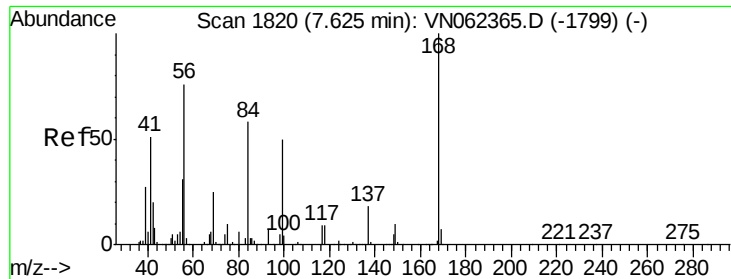
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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# 1820

Delta R.T. -0.00 min

Lab File: VN062386.D

Acq: 7 Jul 2020 00:46

Instrument :

MSVOA_N

ClientSampleId :

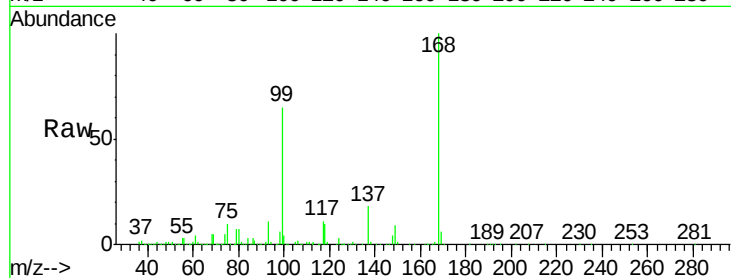
PB129462ZHE#02

Tot Ion:168 Resp: 928262

Ion Ratio Lower Upper

168 100

99 65.2 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

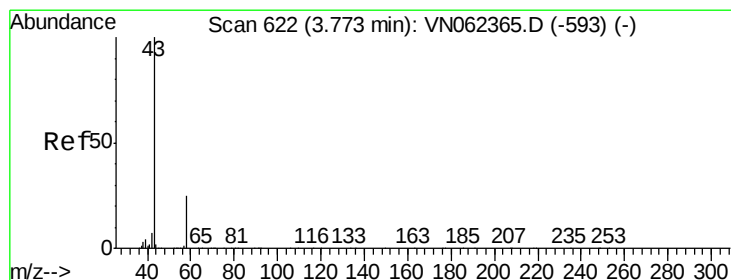
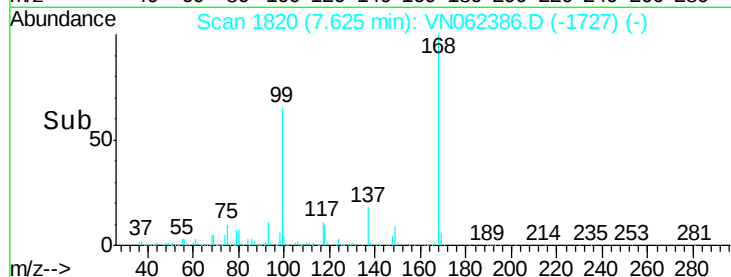
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.796 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062386.D

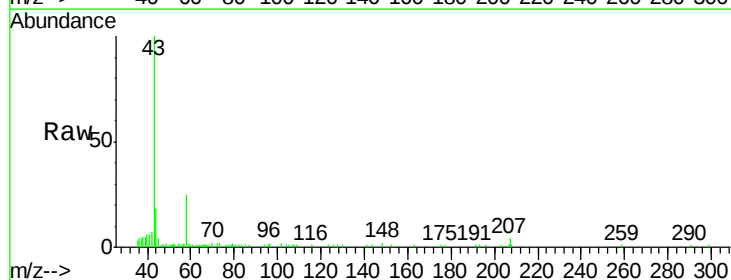
Acq: 7 Jul 2020 00:46

Tgt Ion: 43 Resp: 60347

Ion Ratio Lower Upper

43 100

58 24.4 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

25000

20000

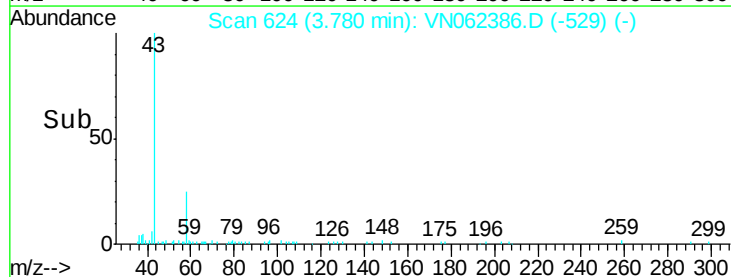
15000

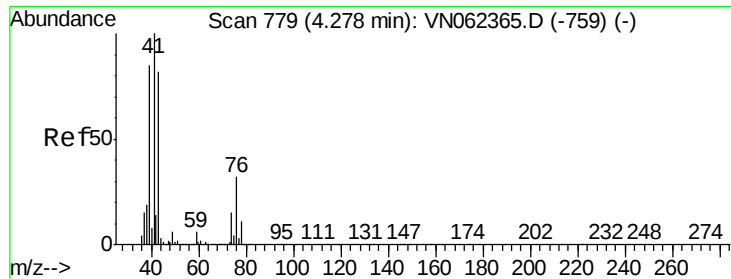
10000

5000

0

Time-->

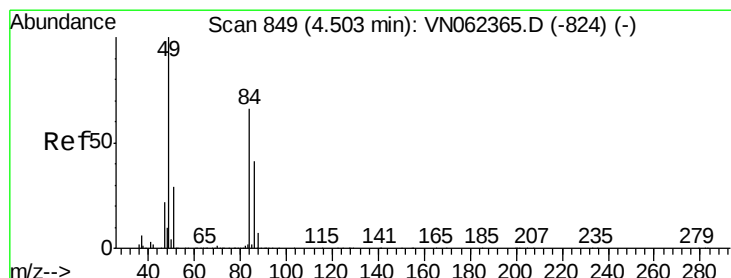
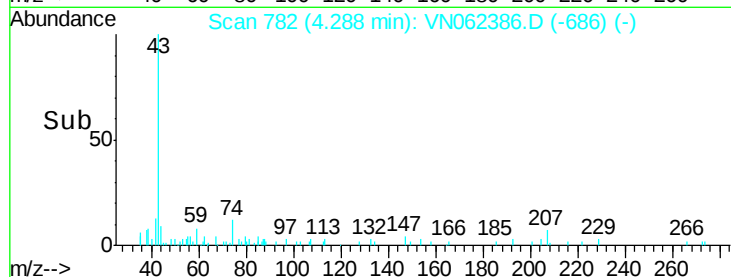
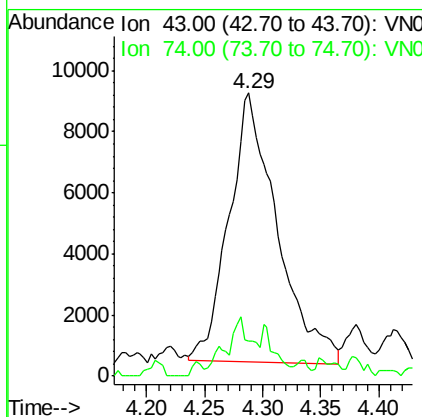
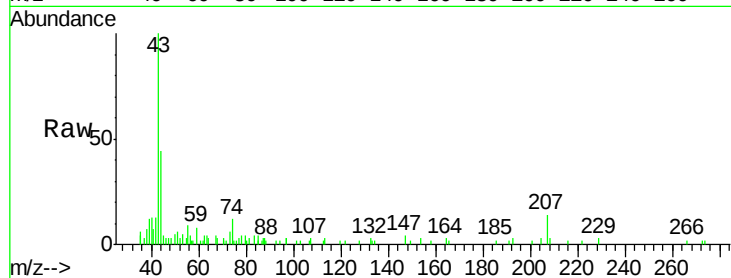




#18
Methvl Acetate
Concen: 1.122 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062386.D
Acq: 7 Jul 2020 00:46

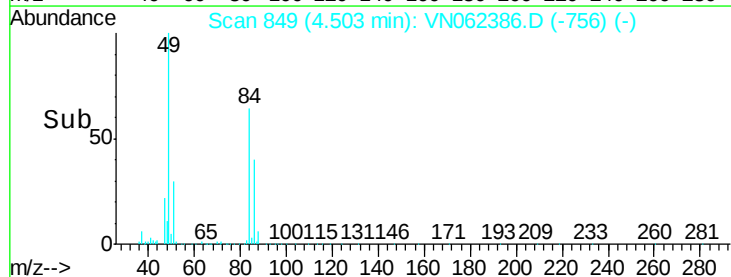
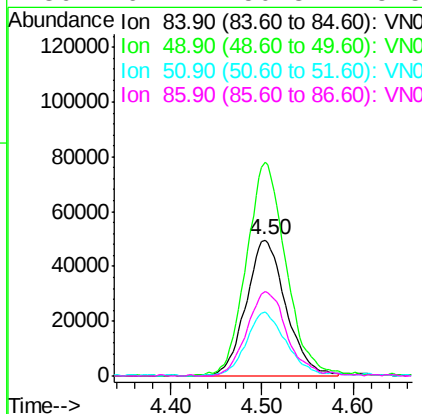
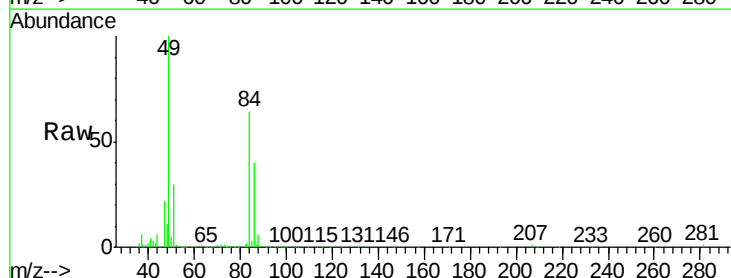
Instrument :
MSVOA_N
ClientSampleId :
PB129462ZHE#02

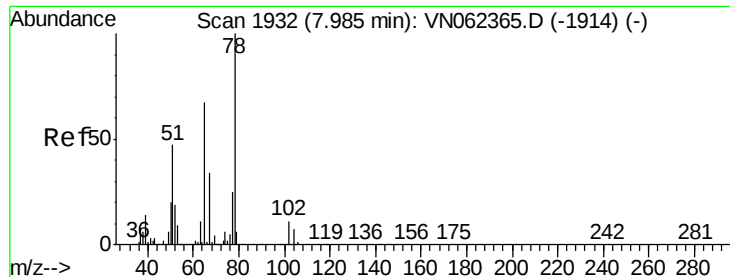
Tot Ion: 43 Resp: 25429
Ion Ratio Lower Upper
43 100
74 7.0 14.2 21.4#



#20
Methylene Chloride
Concen: 12.189 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062386.D
Acq: 7 Jul 2020 00:46

Tgt Ion: 84 Resp: 150705
Ion Ratio Lower Upper
84 100
49 157.1 121.8 182.6
51 47.2 35.0 52.4
86 61.4 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 50.091 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062386.D

Acq: 7 Jul 2020 00:46

Instrument :

MSVOA_N

ClientSampleId :

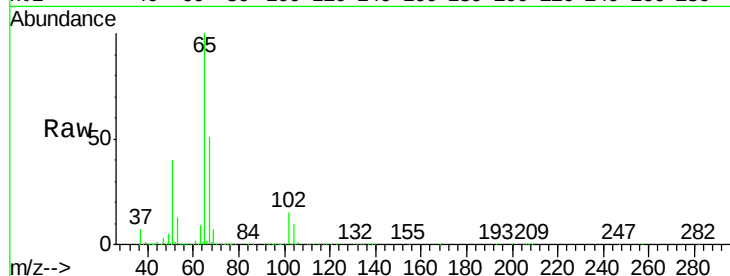
PB129462ZHE#02

Tot Ion: 65 Resp: 841098

Ion Ratio Lower Upper

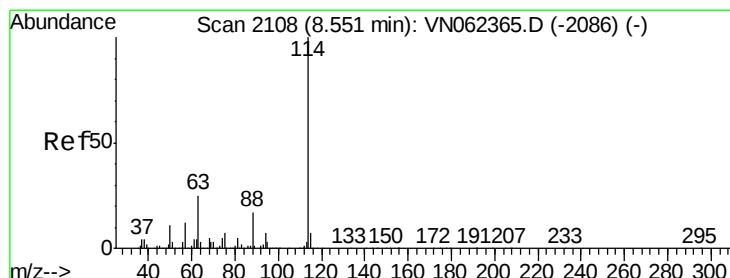
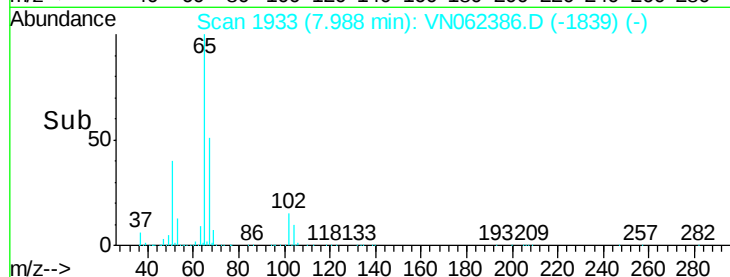
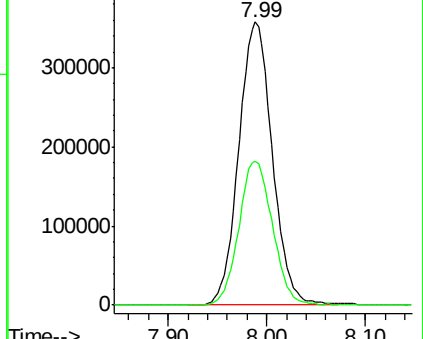
65 100

67 51.1 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VN062386.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062386.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062386.D

Acq: 7 Jul 2020 00:46

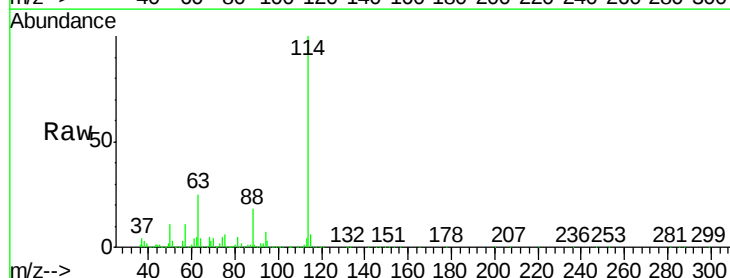
Tgt Ion: 114 Resp: 1686244

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.0

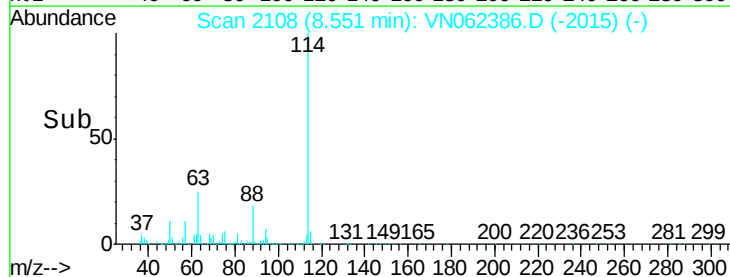
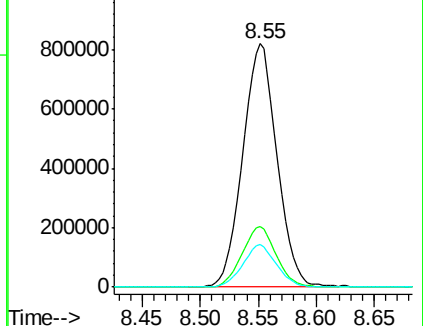
88 17.7 0.0 34.0

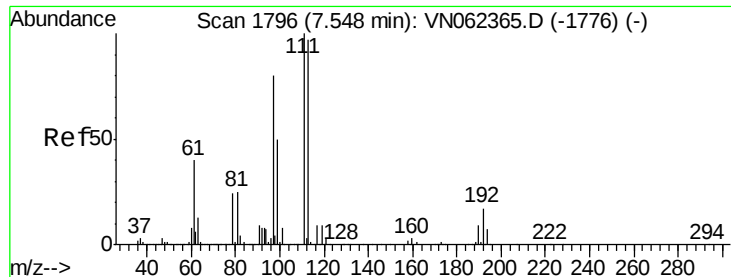


Abundance Ion 113.90 (113.60 to 114.60): VN062386.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062386.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062386.D (-2015) (-)

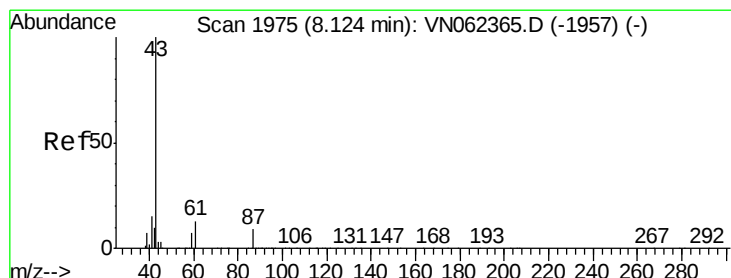
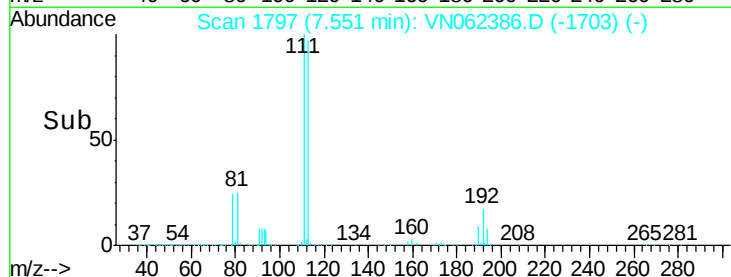
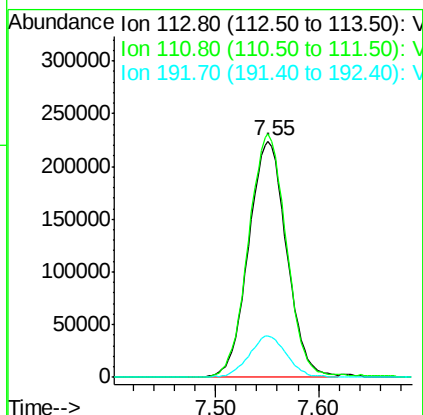
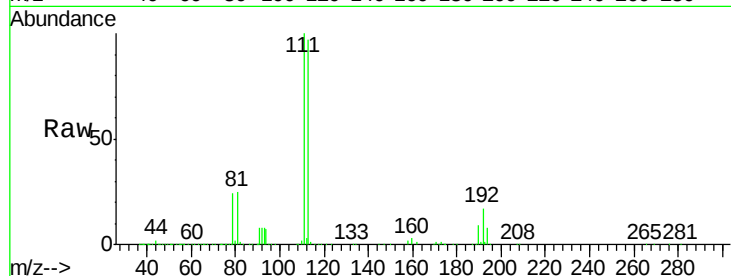




#35
 Dibromofluoromethane
 Concen: 49.745 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062386.D
 Acq: 7 Jul 2020 00:46

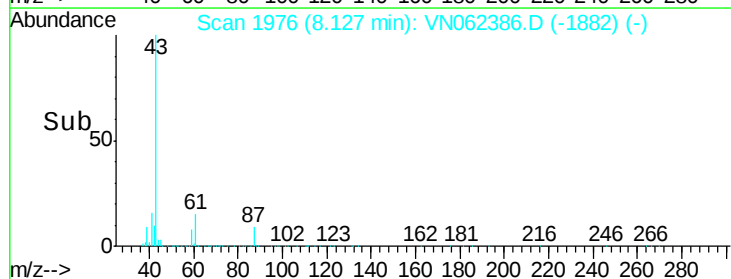
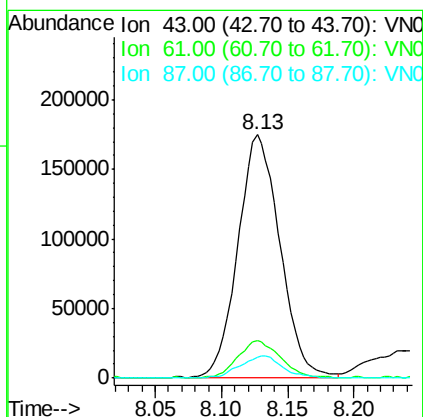
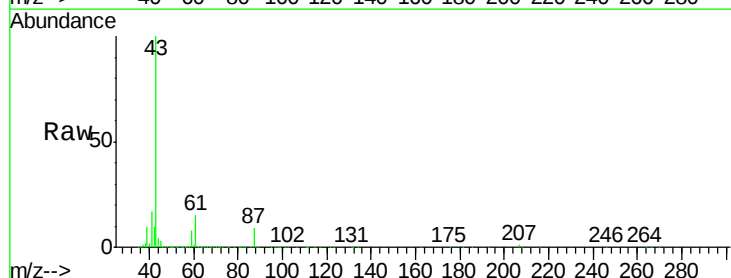
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129462ZHE#02

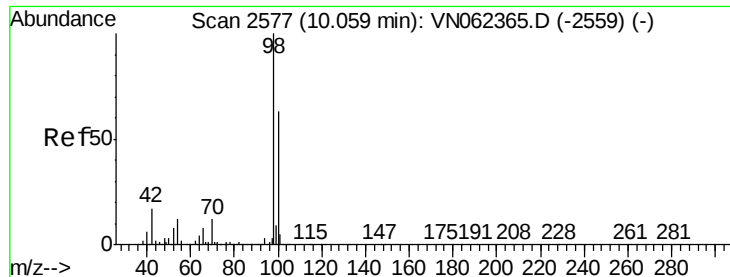
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.2	124.8
192	17.4	14.2	21.2



#43
 Isopropyl Acetate
 Concen: 10.879 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062386.D
 Acq: 7 Jul 2020 00:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.5	13.1	19.7
87	9.5	7.5	11.3





#50

Toluene-d8

Concen: 51.822 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062386.D

Acq: 7 Jul 2020 00:46

Instrument :

MSVOA_N

ClientSampleId :

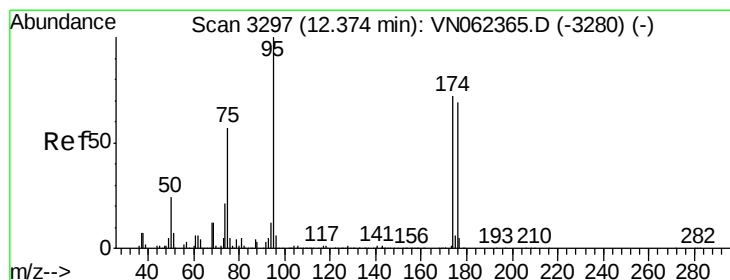
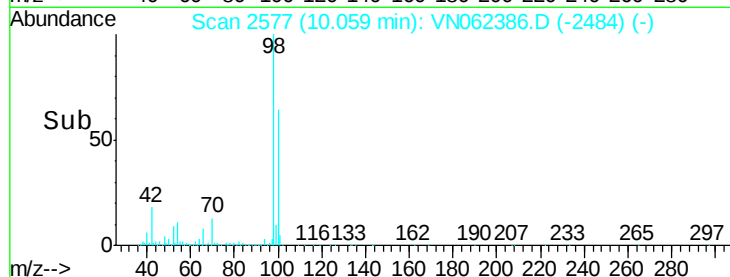
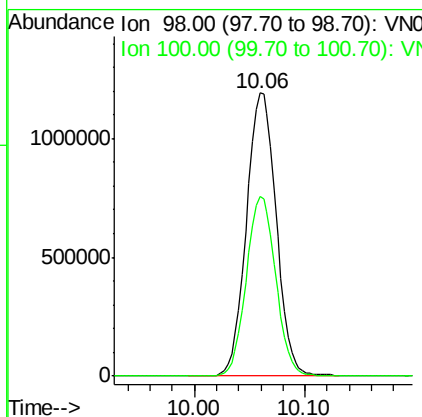
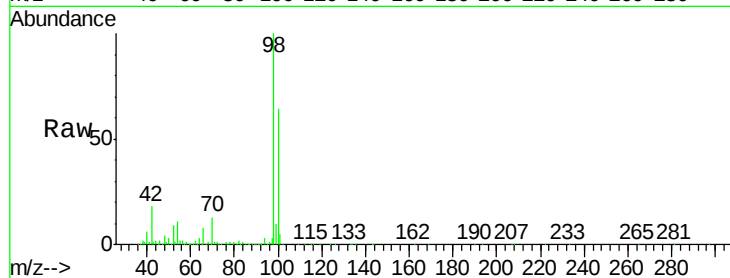
PB129462ZHE#02

Tot Ion: 98 Resp: 2228473

Ion Ratio Lower Upper

98 100

100 62.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 47.866 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062386.D

Acq: 7 Jul 2020 00:46

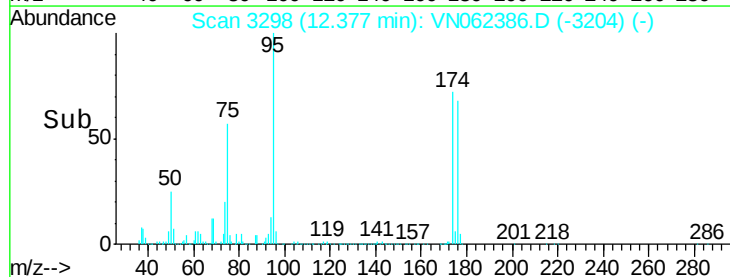
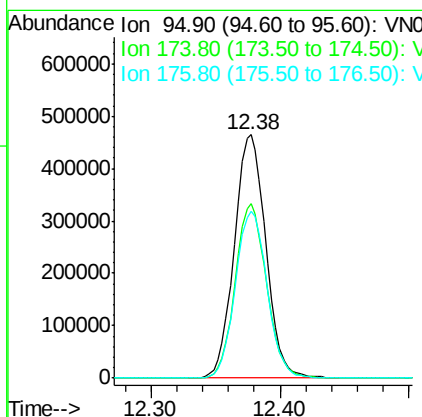
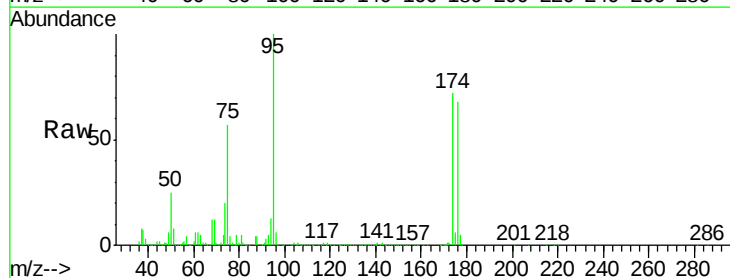
Tgt Ion: 95 Resp: 788316

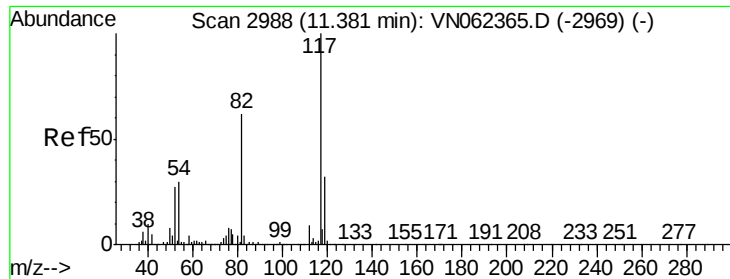
Ion Ratio Lower Upper

95 100

174 71.5 0.0 145.8

176 69.4 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: VN062386.D

Acq: 7 Jul 2020 00:46

Instrument :

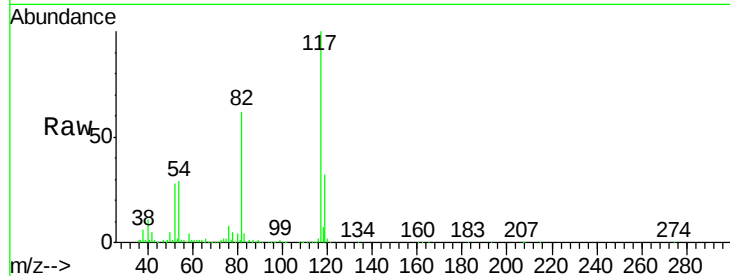
MSVOA_N

ClientSampleId :

PB129462ZHE#02

Tot Ion:117 Resp: 1666696

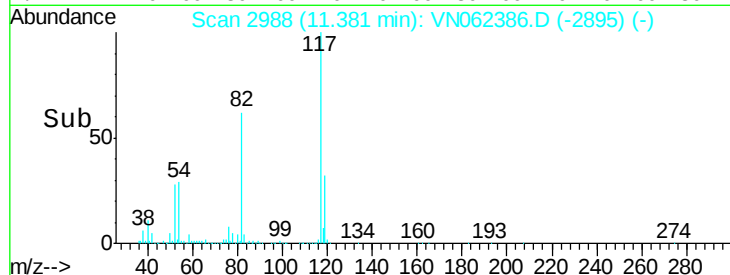
Ion	Ratio	Lower	Upper
117	100		
82	61.6	49.4	74.2
119	31.8	25.6	38.4



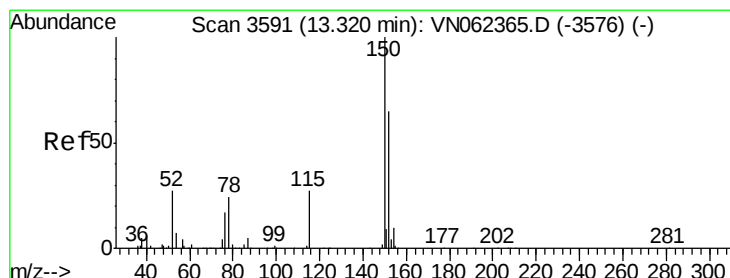
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

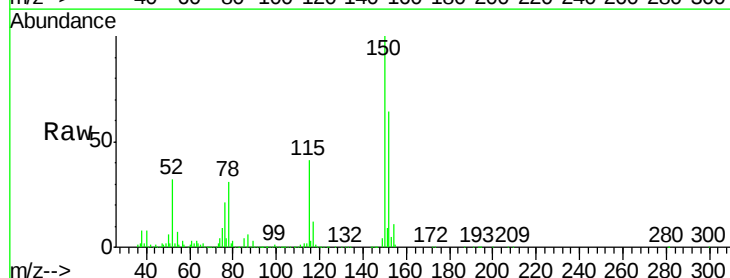
Delta R.T. -0.00 min

Lab File: VN062386.D

Acq: 7 Jul 2020 00:46

Tgt Ion:152 Resp: 615710

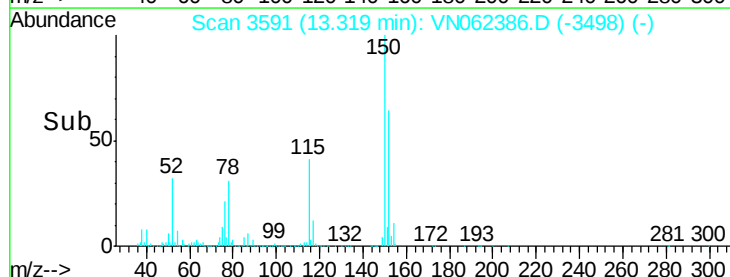
Ion	Ratio	Lower	Upper
152	100		
115	63.4	30.5	91.5
150	157.2	0.0	346.8



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



Time-->