

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062091.D
 Acq On : 25 Jun 2020 3:03
 Operator : JC/MD
 Sample : PB129725ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129725ZHE#04

Quant Time: Jun 25 05:58:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

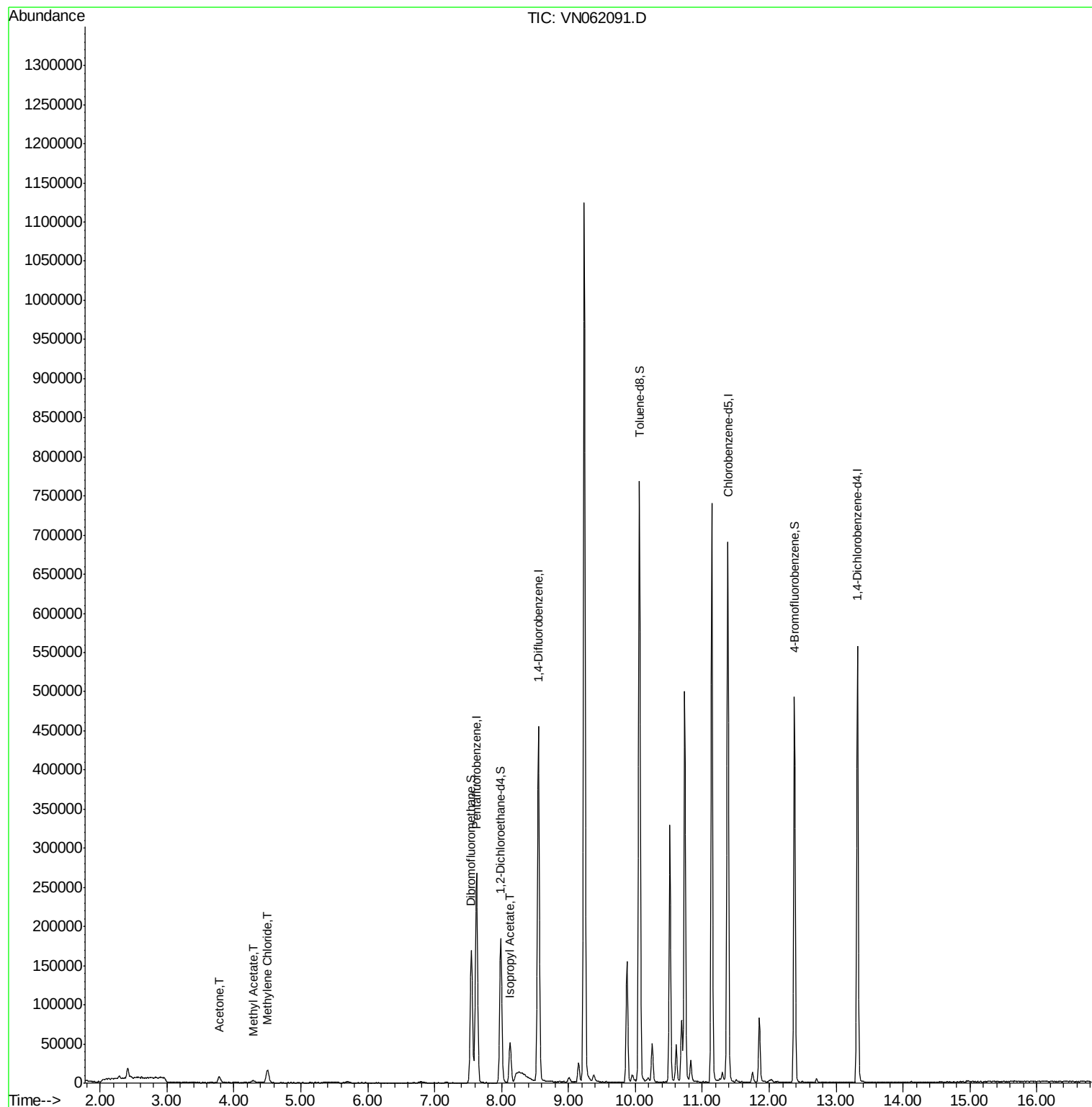
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	210352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	414851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	402500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	152736	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	7.55	113	129411	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	10.06	98	529697	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.38	95	170918	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
16) Acetone	3.78	43	13490	10.681	ug/l	95
18) Methyl Acetate	4.28	43	4491	1.914	ug/l #	67
20) Methylene Chloride	4.50	84	13792	4.894	ug/l	97
43) Isopropyl Acetate	8.13	43	57782	10.266	ug/l	99

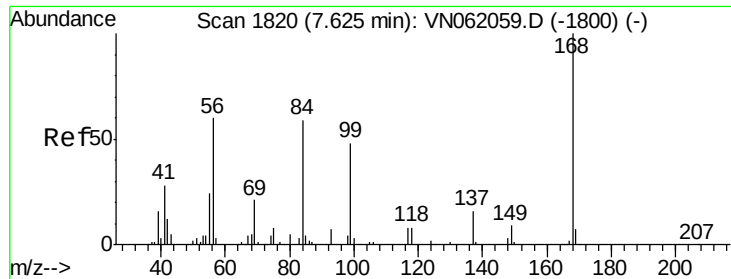
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062091.D

Acq: 25 Jun 2020 3:03

Instrument :

MSVOA_N

ClientSampleId :

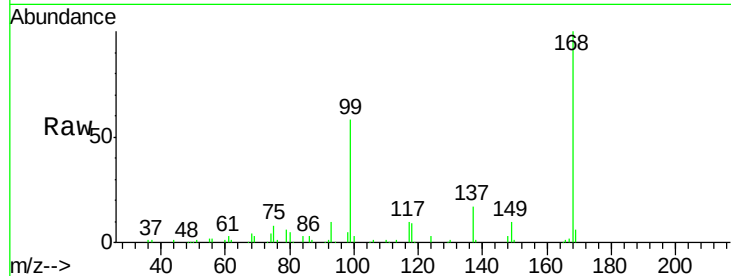
PB129725ZHE#04

Tot Ion:168 Resp: 210352

Ion Ratio Lower Upper

168 100

99 58.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

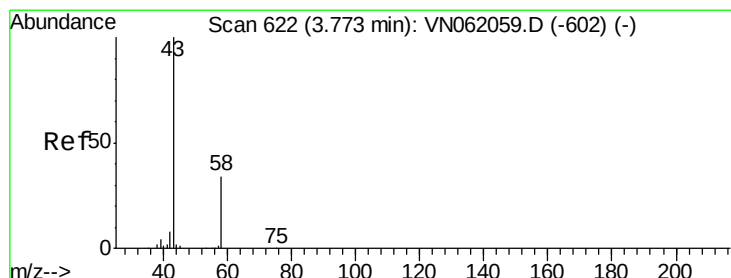
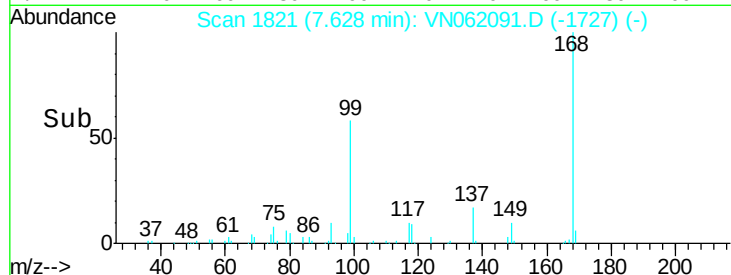
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.681 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062091.D

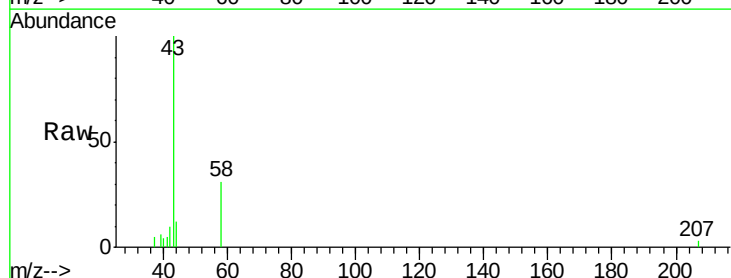
Acq: 25 Jun 2020 3:03

Tgt Ion: 43 Resp: 13490

Ion Ratio Lower Upper

43 100

58 31.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

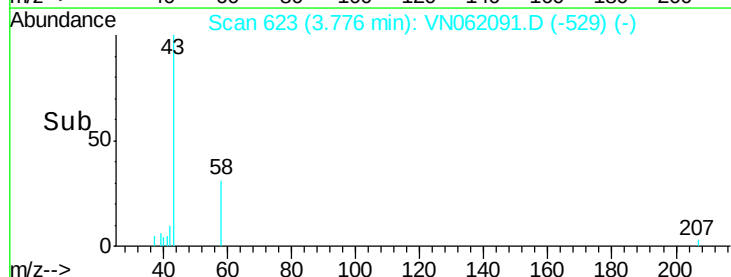
3000

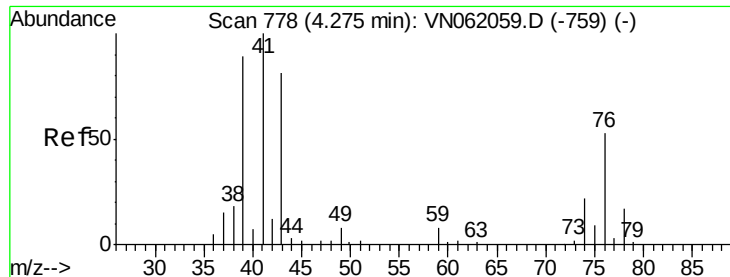
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

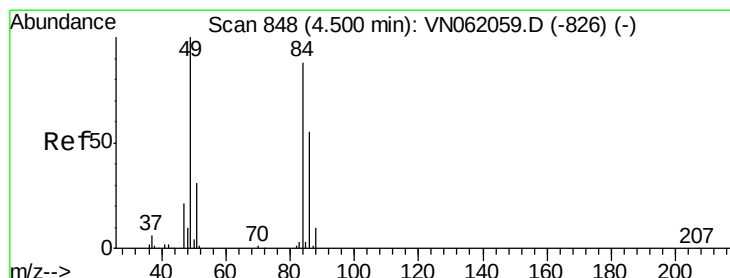
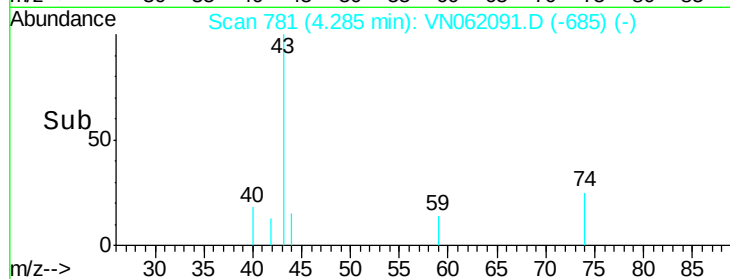
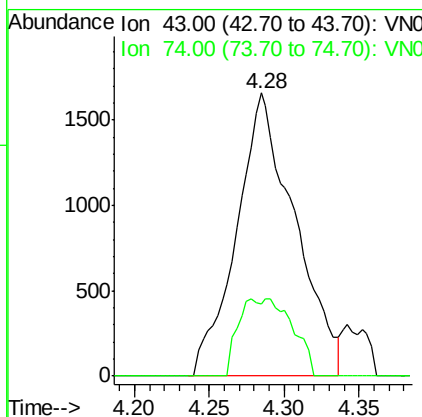
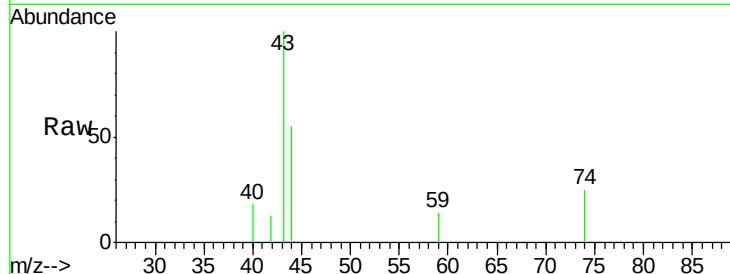




#18
Methyl Acetate
Concen: 1.914 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062091.D
Acq: 25 Jun 2020 3:03

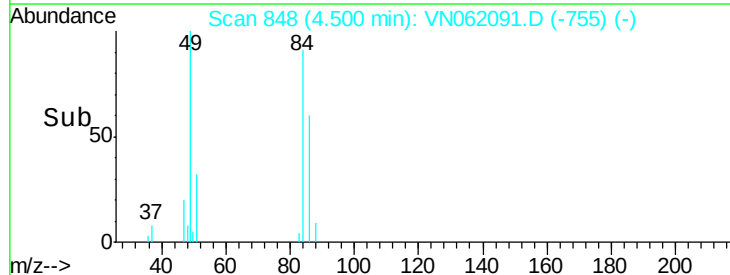
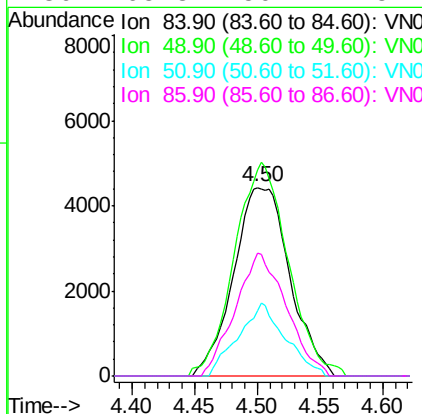
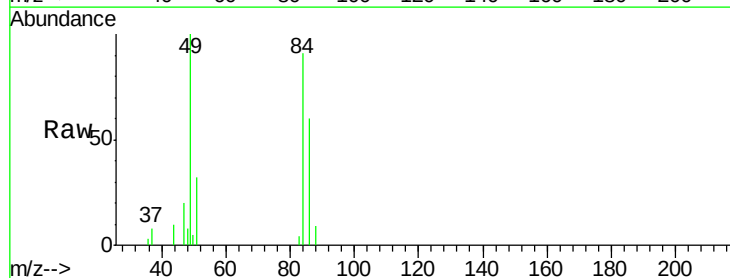
Instrument :
MSVOA_N
ClientSampleId :
PB129725ZHE#04

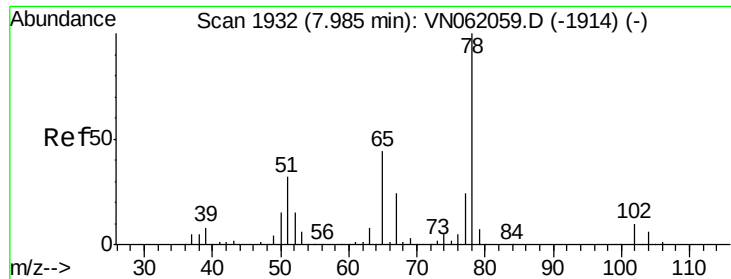
Tot Ion: 43 Resp: 4491
Ion Ratio Lower Upper
43 100
74 11.2 22.9 34.3#



#20
Methylene Chloride
Concen: 4.894 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062091.D
Acq: 25 Jun 2020 3:03

Tgt Ion: 84 Resp: 13792
Ion Ratio Lower Upper
84 100
49 109.5 90.6 136.0
51 34.9 27.8 41.8
86 65.3 50.1 75.1

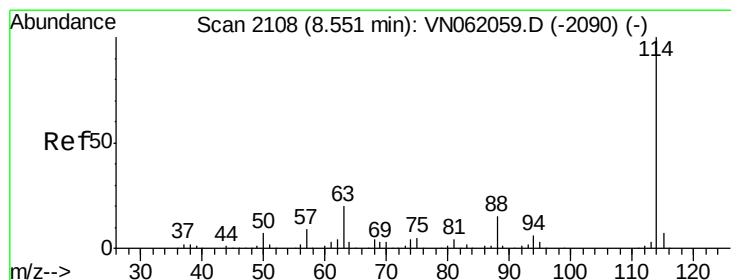
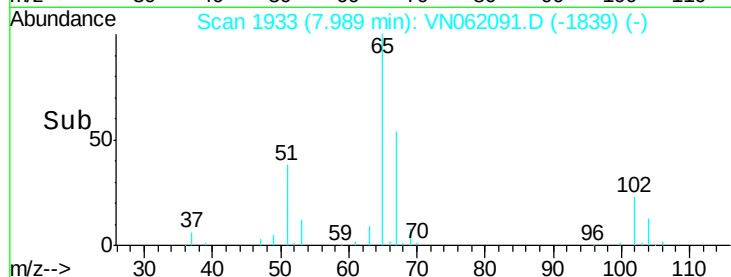
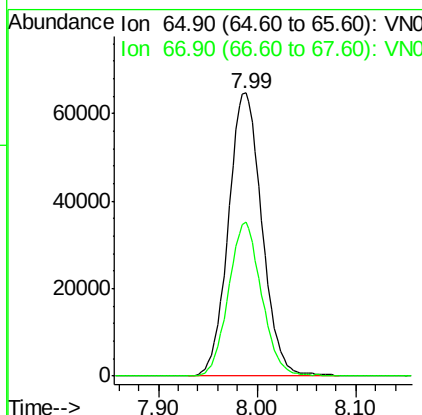
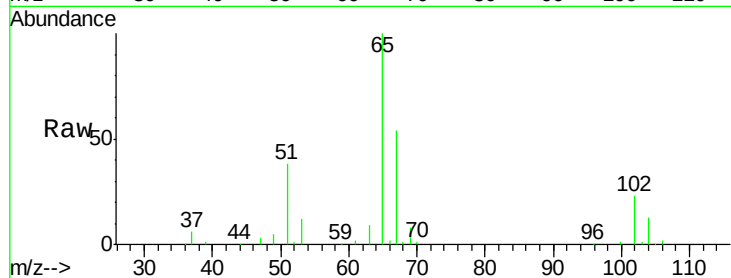




#33
 1,2-Dichloroethane-d4
 Concen: 51.741 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062091.D
 Acq: 25 Jun 2020 3:03

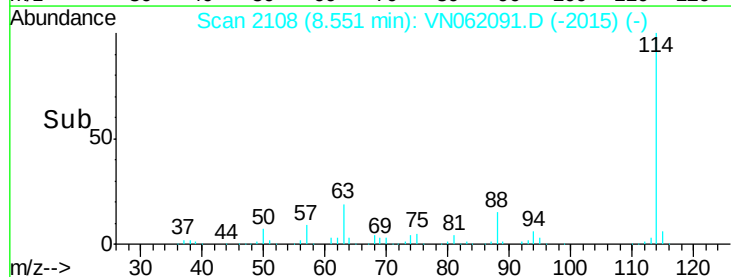
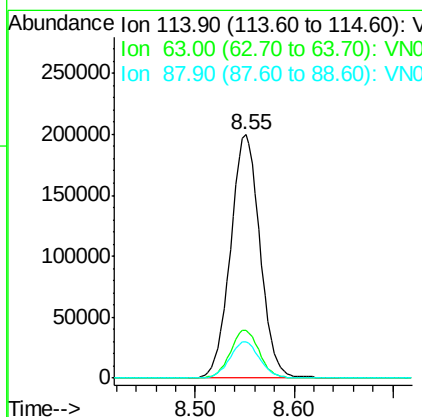
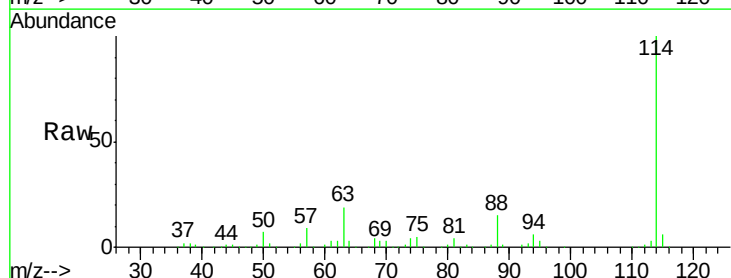
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129725ZHE#04

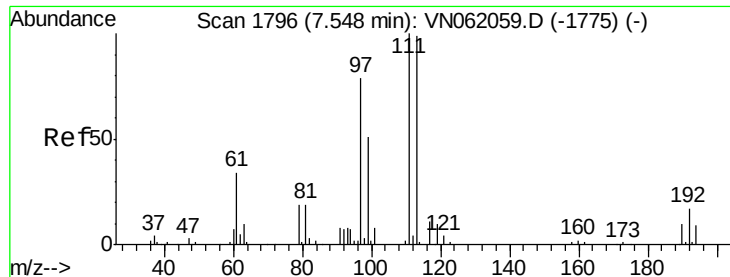
Tot Ion: 65 Resp: 152736
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062091.D
 Acq: 25 Jun 2020 3:03

Tgt Ion: 114 Resp: 414851
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 14.9 0.0 30.8

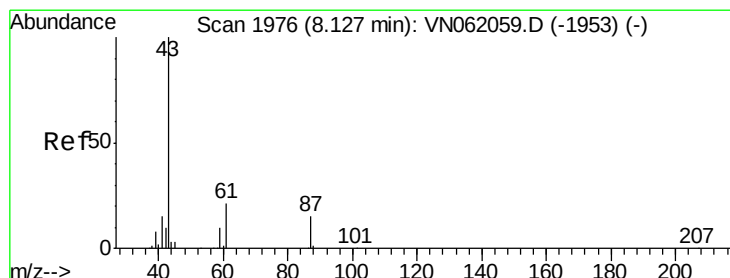
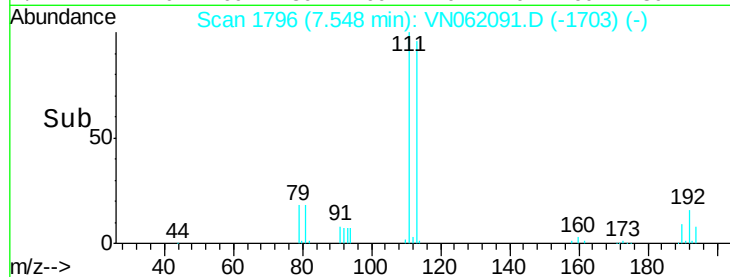
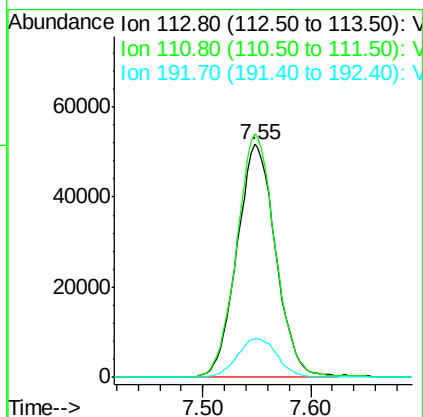
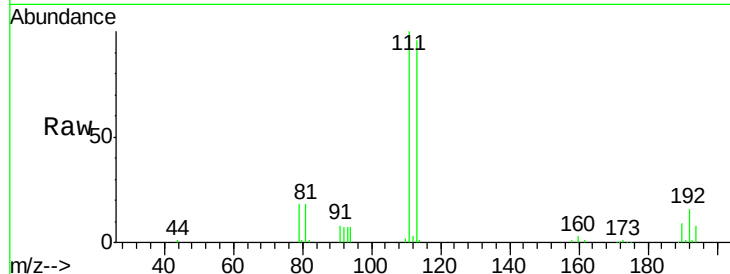




#35
 Dibromofluoromethane
 Concen: 48.624 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062091.D
 Acq: 25 Jun 2020 3:03

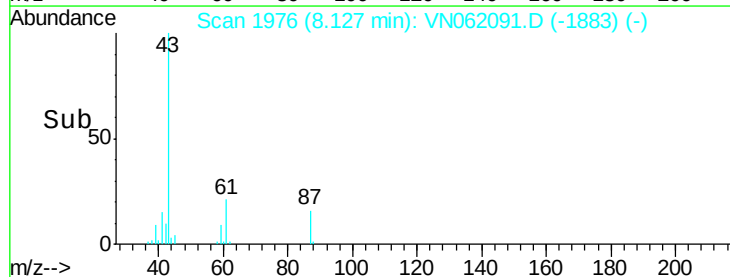
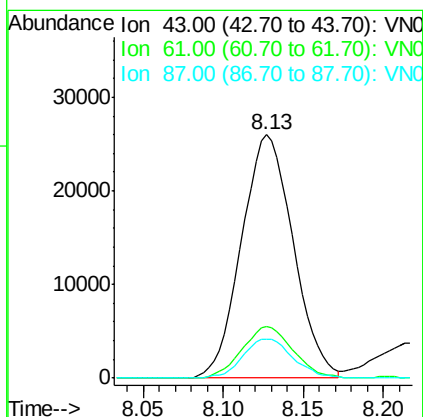
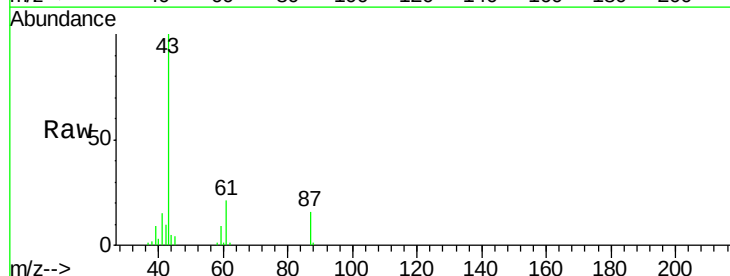
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129725ZHE#04

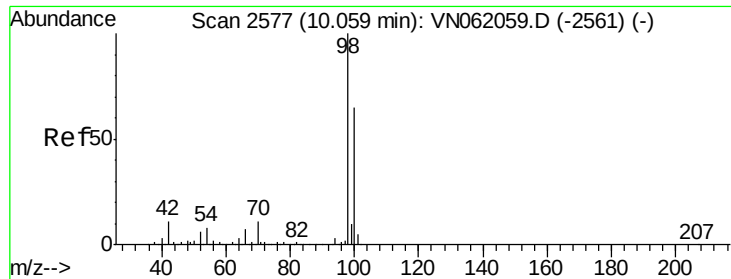
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	17.2	14.0	21.0



#43
 Isopropyl Acetate
 Concen: 10.266 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062091.D
 Acq: 25 Jun 2020 3:03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.2	25.8
87	15.5	12.1	18.1





#50

Toluene-d8

Concen: 49.789 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062091.D

Acq: 25 Jun 2020 3:03

Instrument :

MSVOA_N

ClientSampleId :

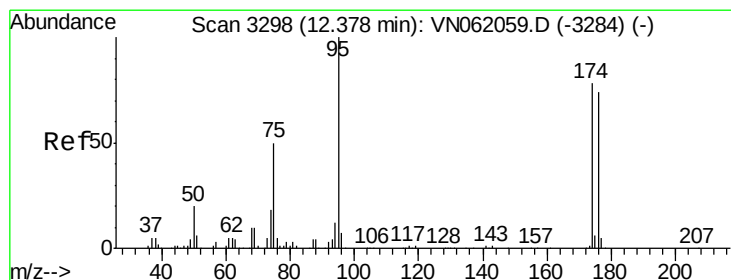
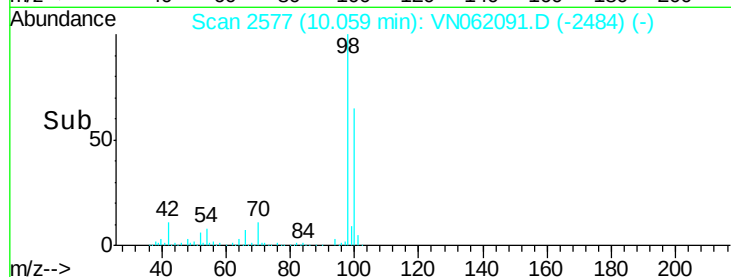
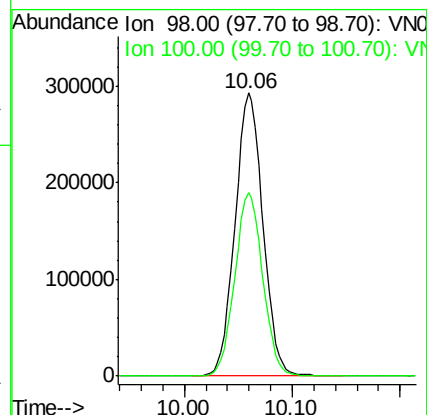
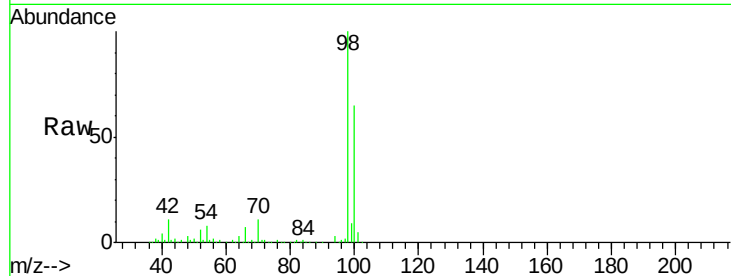
PB129725ZHE#04

Tot Ion: 98 Resp: 529697

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.551 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062091.D

Acq: 25 Jun 2020 3:03

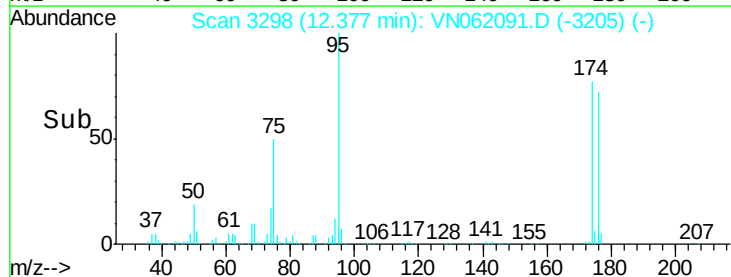
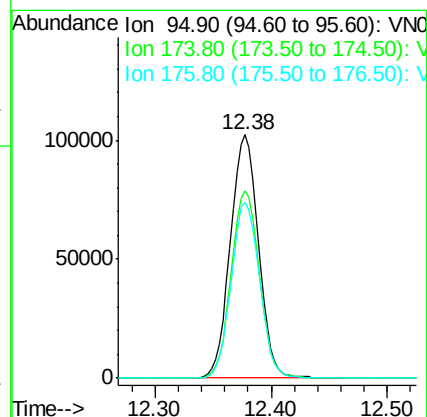
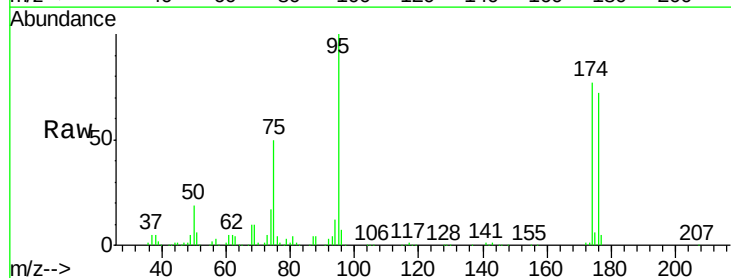
Tgt Ion: 95 Resp: 170918

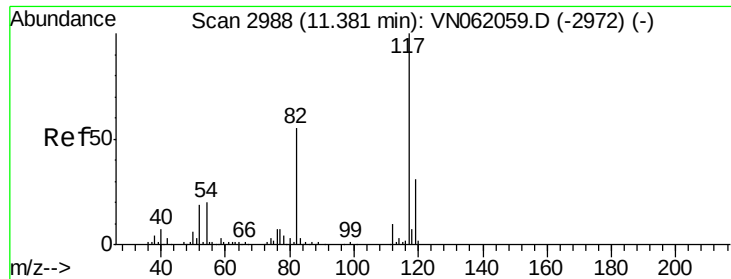
Ion Ratio Lower Upper

95 100

174 77.6 0.0 154.8

176 73.0 0.0 147.4

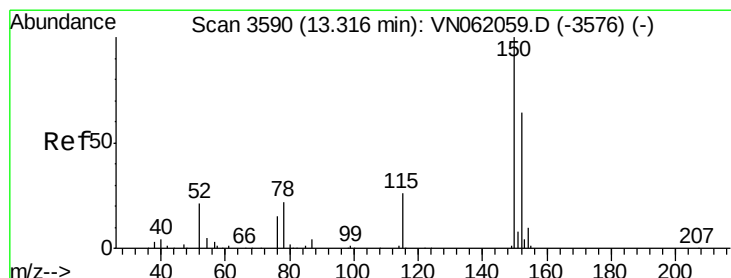
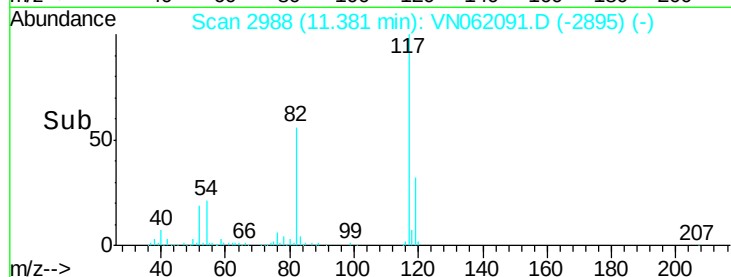
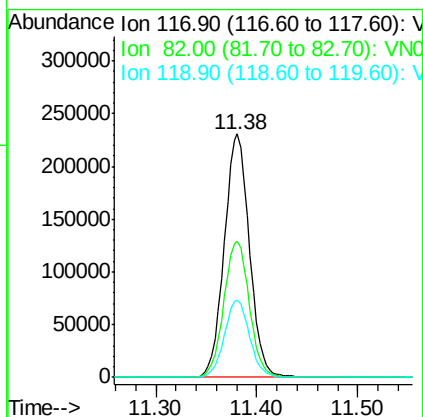
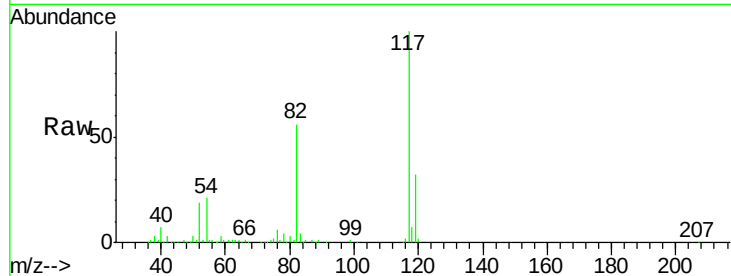




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062091.D
Acq: 25 Jun 2020 3:03

Instrument :
MSVOA_N
ClientSampleId :
PB129725ZHE#04

Tot Ion:117 Resp: 402500
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062091.D
Acq: 25 Jun 2020 3:03

Tgt Ion:152 Resp: 147890
Ion Ratio Lower Upper
152 100
115 58.8 29.5 88.5
150 157.8 0.0 351.4

