

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061570.D
 Acq On : 29 May 2020 16:22
 Operator : JC/MD
 Sample : PB129155ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129155ZHE#02

Quant Time: May 30 06:45:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

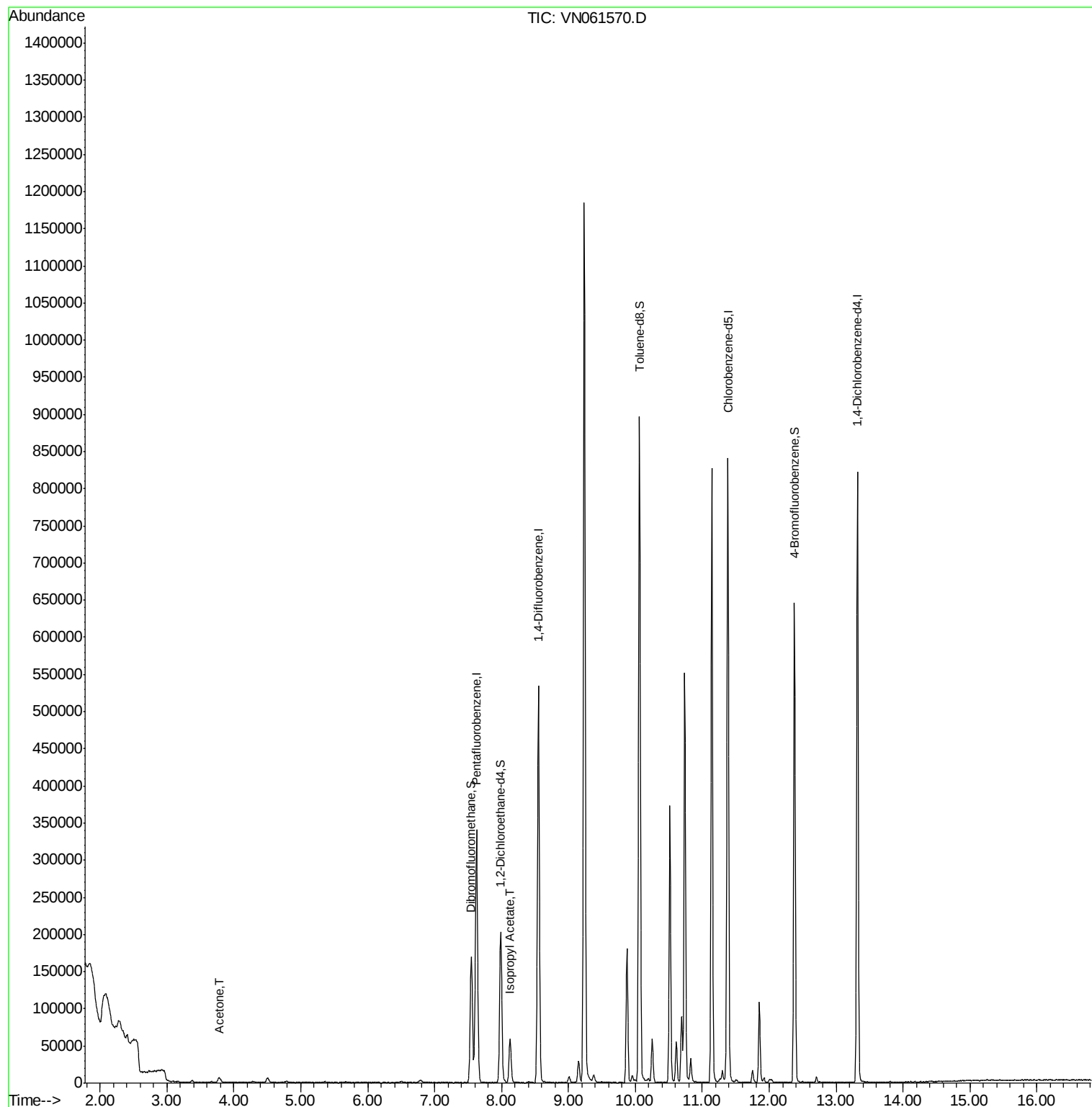
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	272936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	495228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	501825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	227223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177067	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
35) Dibromofluoromethane	7.55	113	130640	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
50) Toluene-d8	10.06	98	623395	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.38	95	233701	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
Target Compounds						
16) Acetone	3.78	43	12018	7.392	ug/l	96
43) Isopropyl Acetate	8.13	43	67269	10.589	ug/l #	90

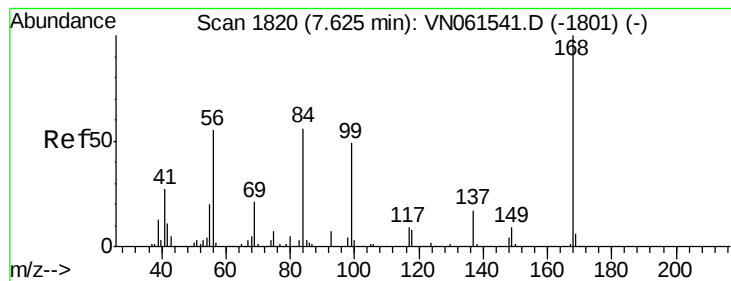
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061570.D

Acq: 29 May 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

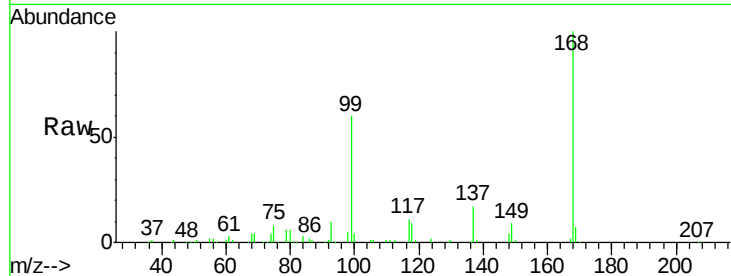
PB129155ZHE#02

Tot Ion:168 Resp: 272936

Ion Ratio Lower Upper

168 100

99 60.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

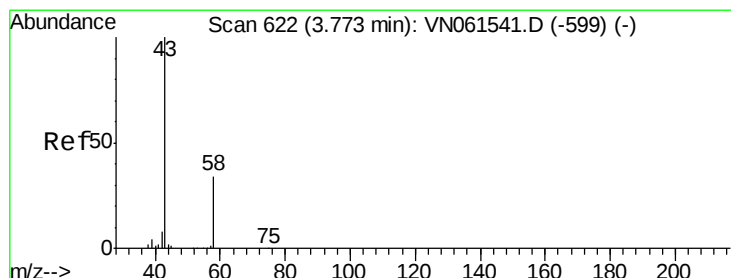
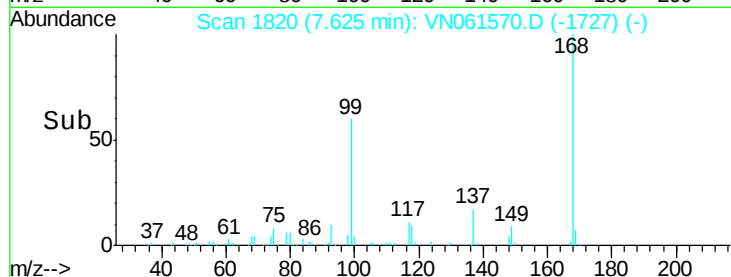
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 7.392 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061570.D

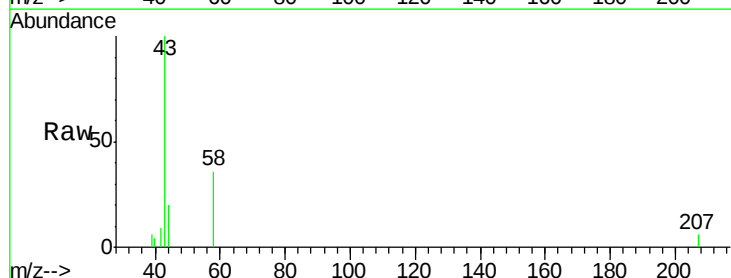
Acq: 29 May 2020 16:22

Tgt Ion: 43 Resp: 12018

Ion Ratio Lower Upper

43 100

58 36.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

4000

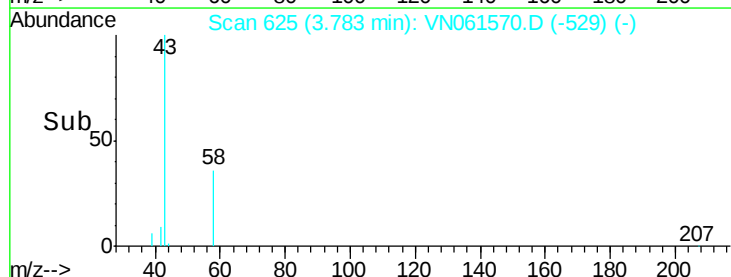
3000

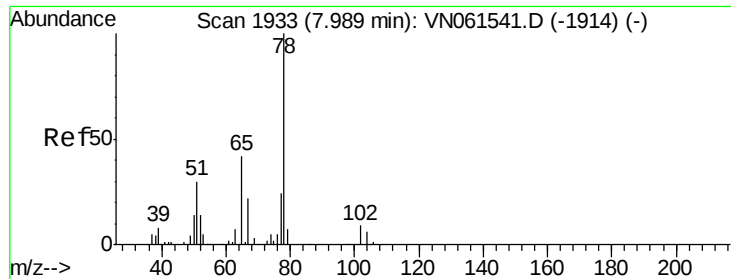
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#33

1,2-Dichloroethane-d4

Concen: 54.451 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061570.D

Acq: 29 May 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

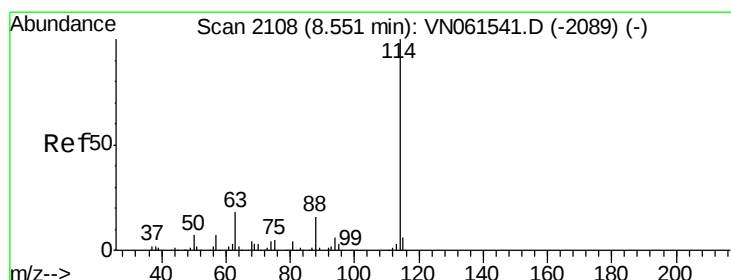
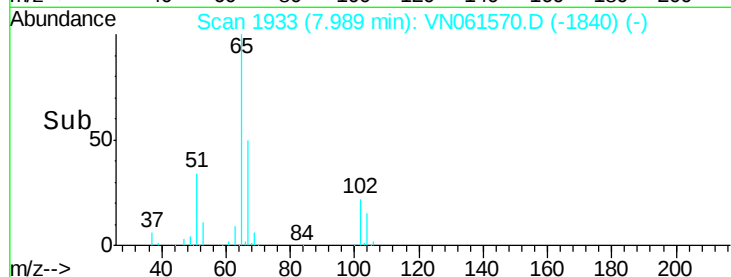
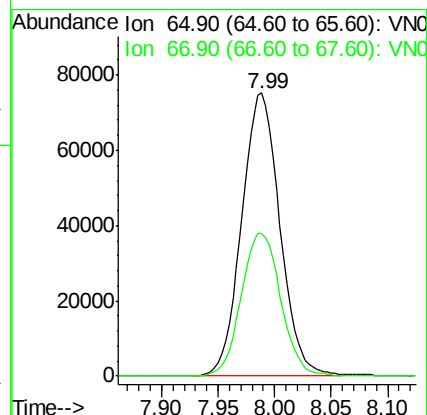
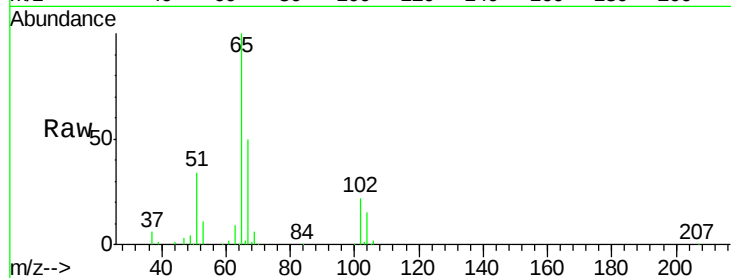
PB129155ZHE#02

Tot Ion: 65 Resp: 177067

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061570.D

Acq: 29 May 2020 16:22

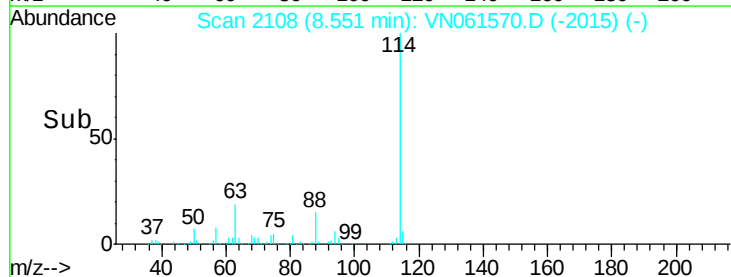
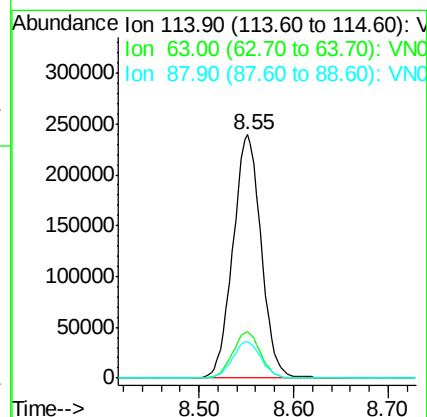
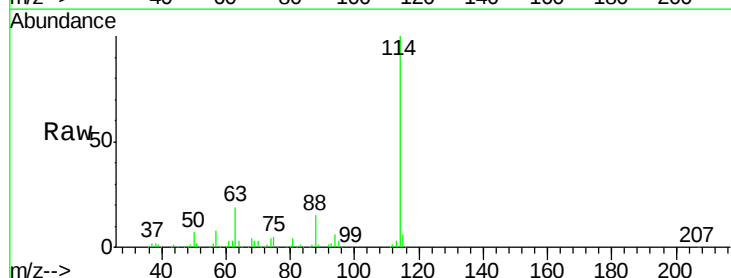
Tgt Ion: 114 Resp: 495228

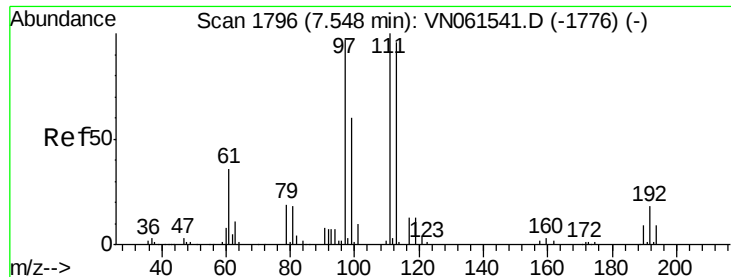
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.8

88 14.9 0.0 31.0

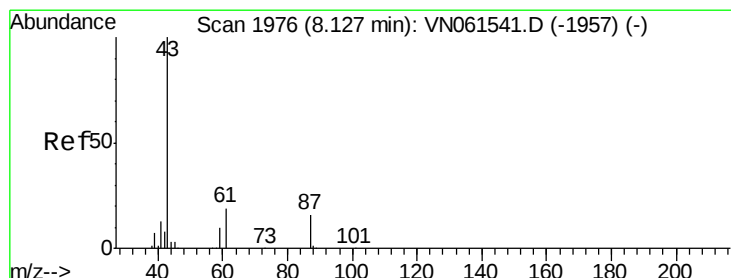
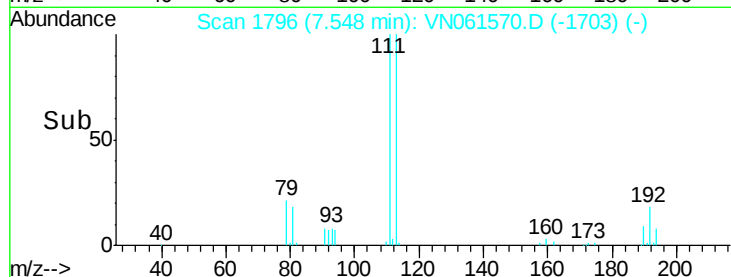
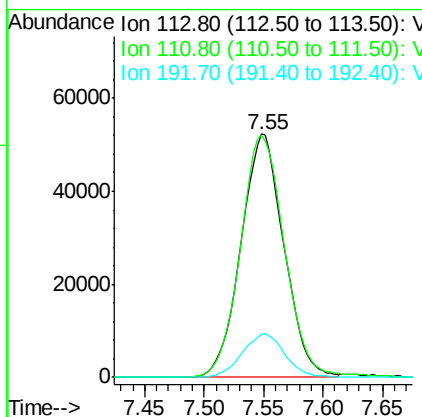
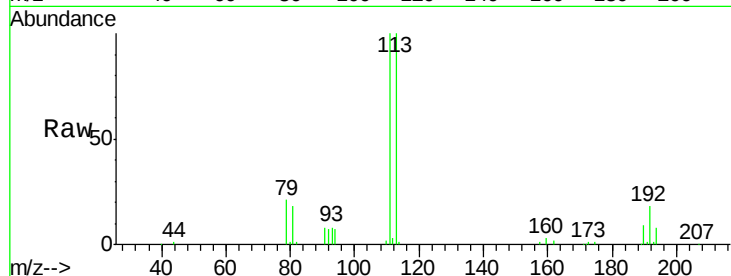




#35
 Dibromofluoromethane
 Concen: 52.002 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061570.D
 Acq: 29 May 2020 16:22

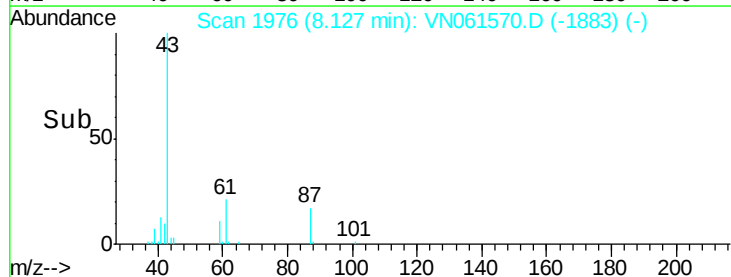
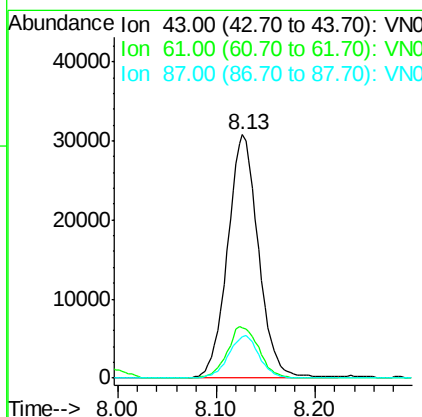
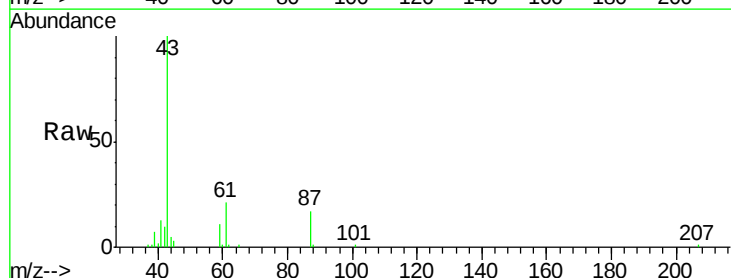
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129155ZHE#02

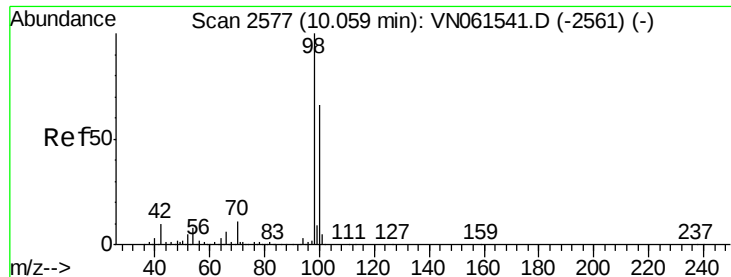
Tot Ion:113 Resp: 130640
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.0
 192 17.7 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 10.589 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061570.D
 Acq: 29 May 2020 16:22

Tgt Ion: 43 Resp: 67269
 Ion Ratio Lower Upper
 43 100
 61 21.4 23.6 35.4#
 87 17.1 13.0 19.6





#50

Toluene-d8

Concen: 53.548 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061570.D

Acq: 29 May 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

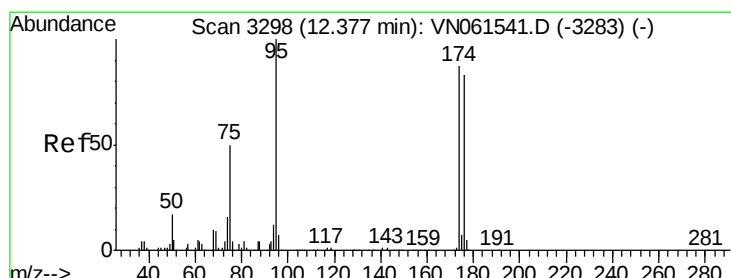
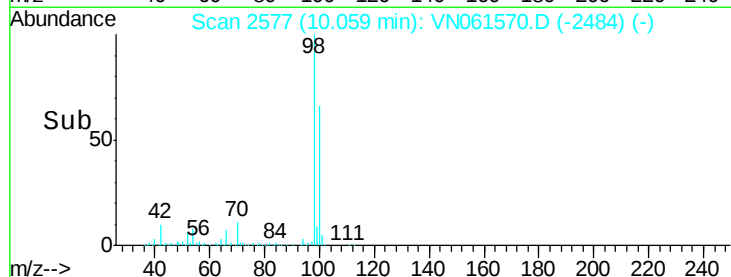
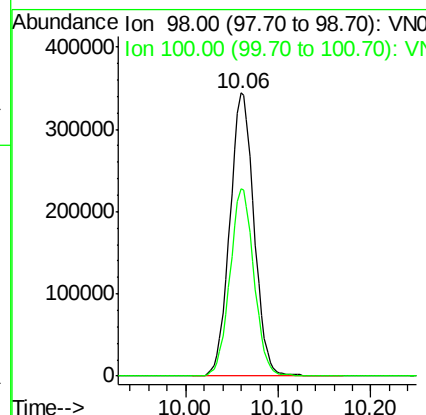
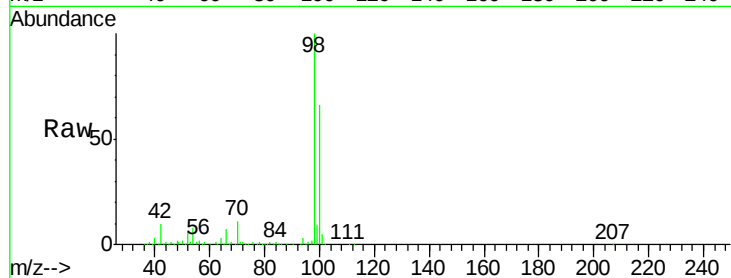
PB129155ZHE#02

Tot Ion: 98 Resp: 623395

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 55.023 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061570.D

Acq: 29 May 2020 16:22

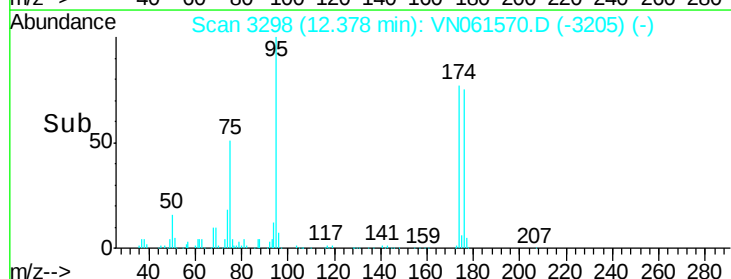
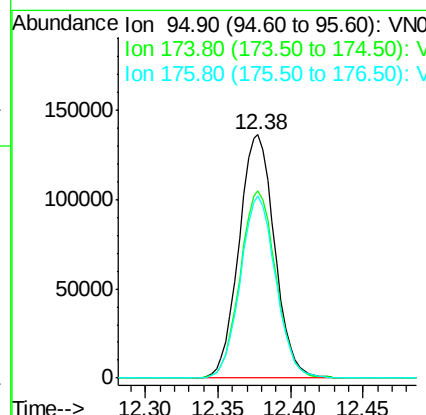
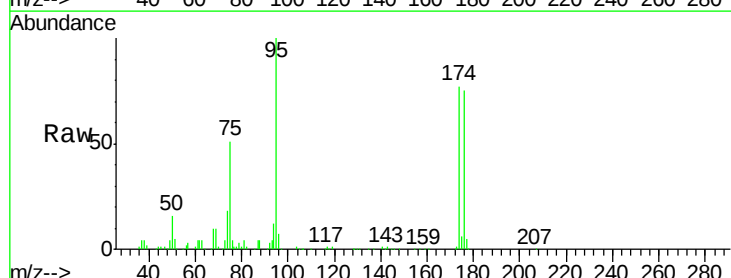
Tgt Ion: 95 Resp: 233701

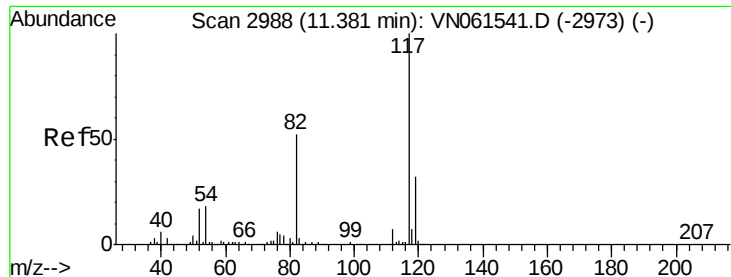
Ion Ratio Lower Upper

95 100

174 77.2 0.0 172.8

176 74.3 0.0 164.8

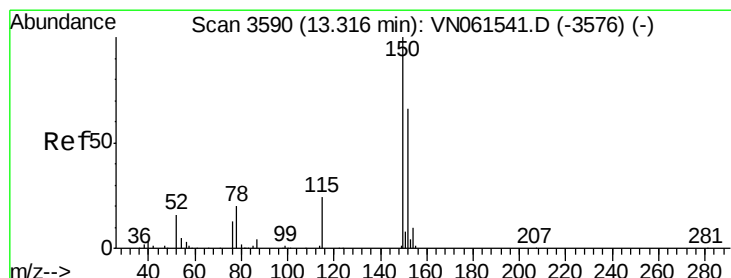
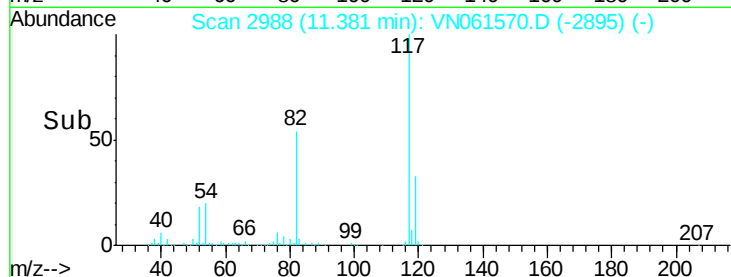
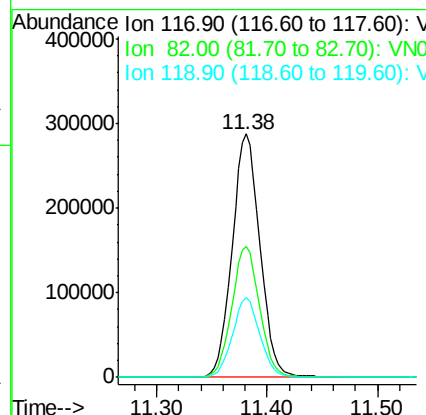
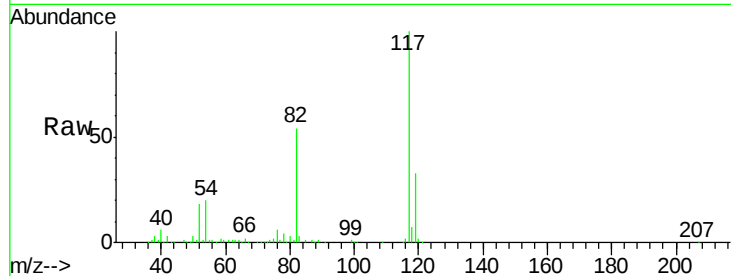




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061570.D
Acq: 29 May 2020 16:22

Instrument :
MSVOA_N
ClientSampleId :
PB129155ZHE#02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.5	62.3
119	32.6	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: VN061570.D
Acq: 29 May 2020 16:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.0	84.0
150	156.8	0.0	344.0

