

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064055.D
 Acq On : 9 Oct 2020 23:37
 Operator : JC/MD
 Sample : PB132229ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132229ZHE#09

Quant Time: Oct 10 02:55:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

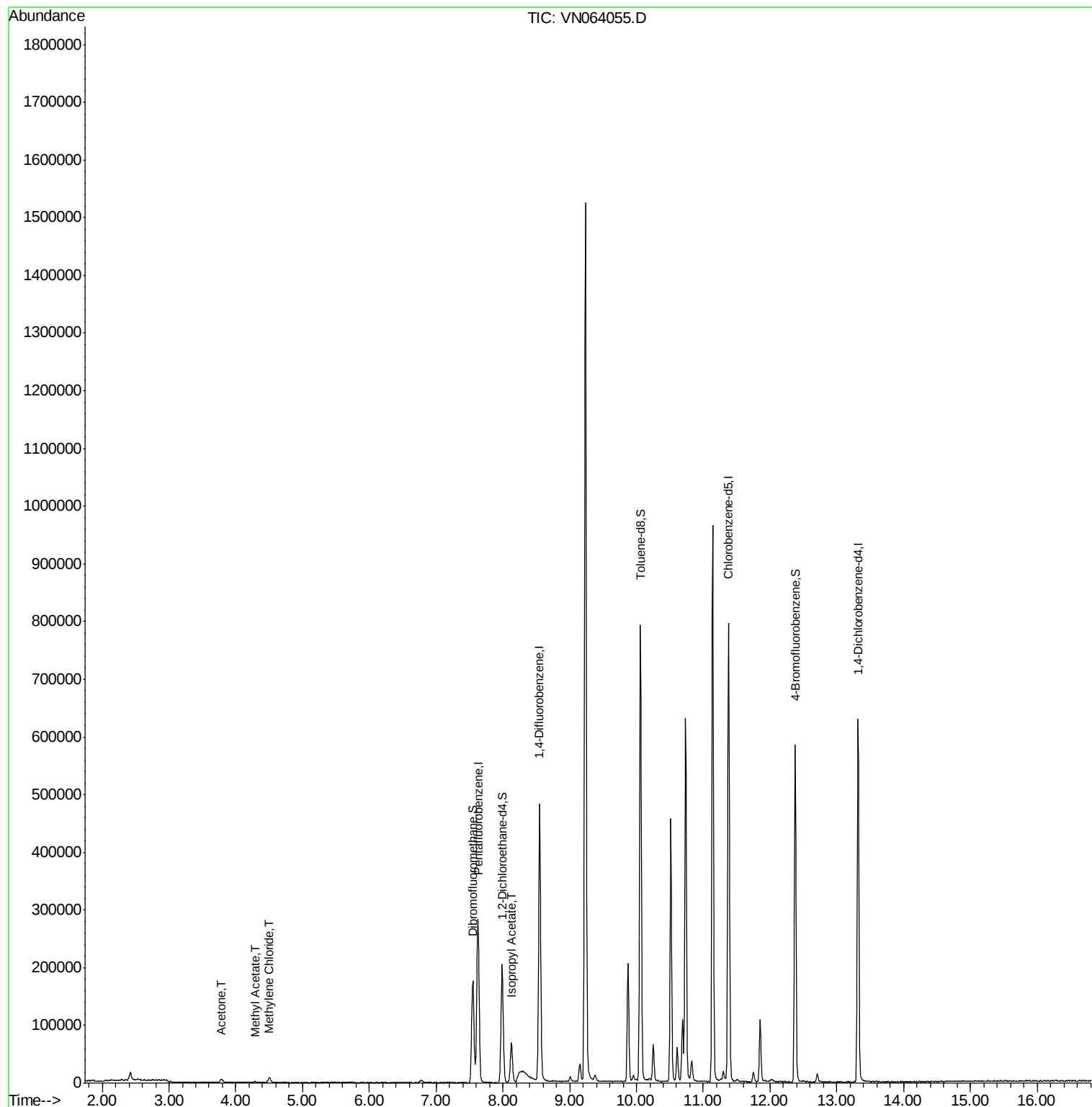
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	208305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	394668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	179713	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
35) Dibromofluoromethane	7.55	113	134731	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	10.06	98	520649	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.38	95	198401	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
Target Compounds						
16) Acetone	3.78	43	11351	10.715	ug/l #	85
18) Methyl Acetate	4.29	43	3072	1.117	ug/l #	81
20) Methylene Chloride	4.51	84	6002	2.567	ug/l #	71
43) Isopropyl Acetate	8.13	43	85566	13.059	ug/l	98

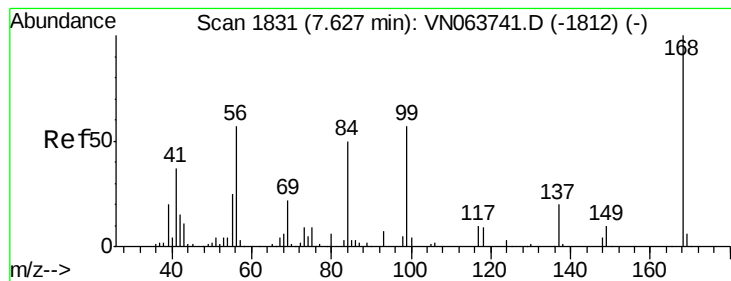
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 10 02:55:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064055.D

Acq: 9 Oct 2020 23:37

Instrument :

MSVOA_N

ClientSampleId :

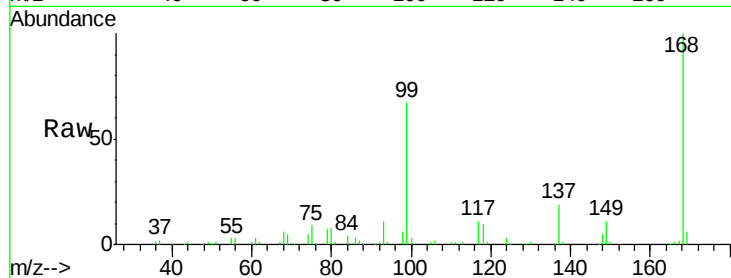
PB132229ZHE#09

Tot Ion:168 Resp: 208305

Ion Ratio Lower Upper

168 100

99 67.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

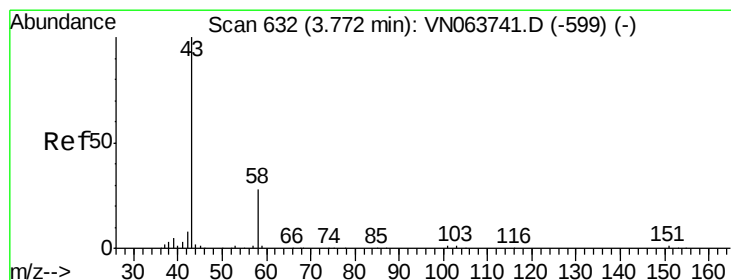
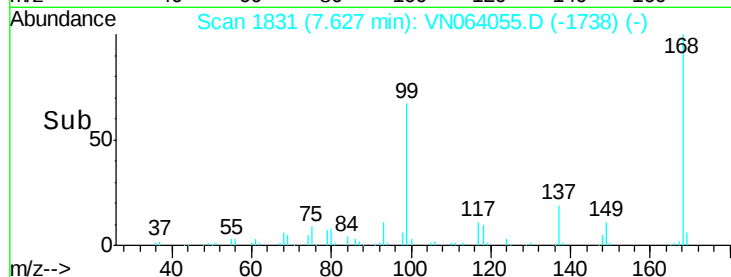
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.715 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064055.D

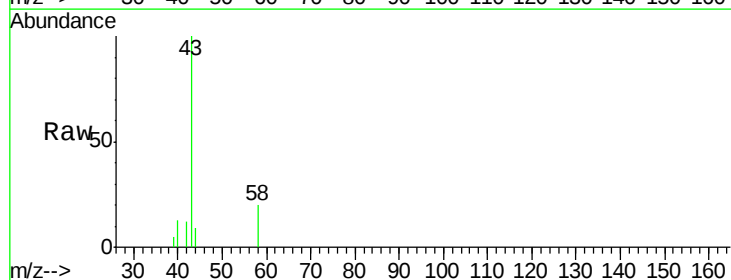
Acq: 9 Oct 2020 23:37

Tgt Ion: 43 Resp: 11351

Ion Ratio Lower Upper

43 100

58 20.1 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

4000

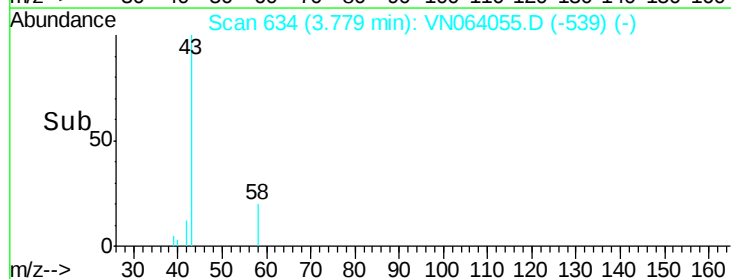
3000

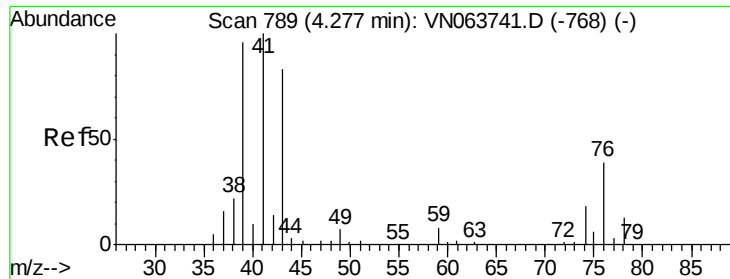
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

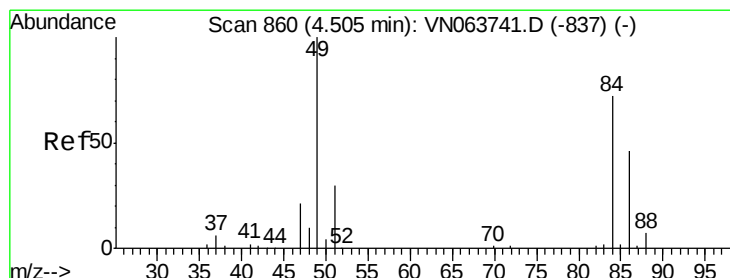
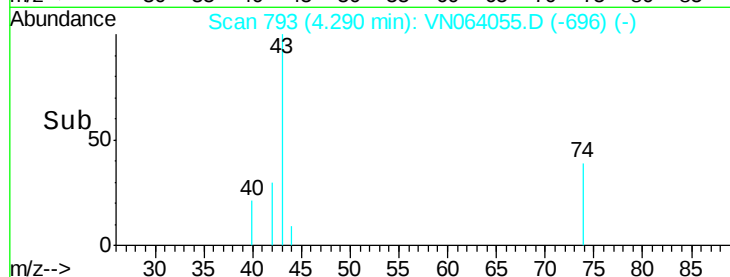
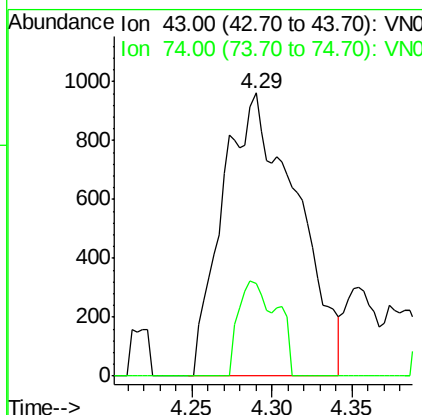
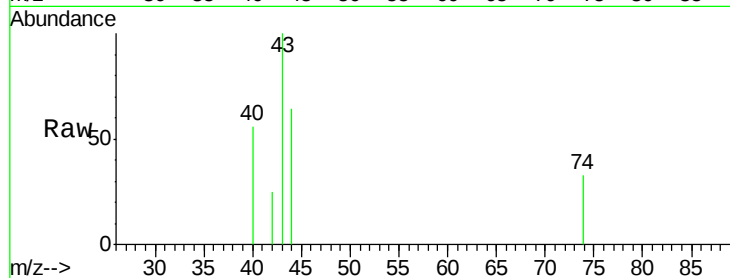




#18
Methyl Acetate
Concen: 1.117 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064055.D
Acq: 9 Oct 2020 23:37

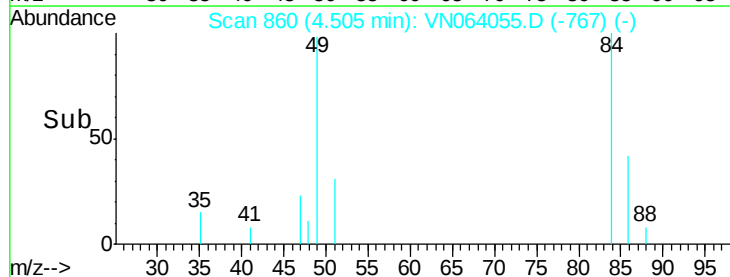
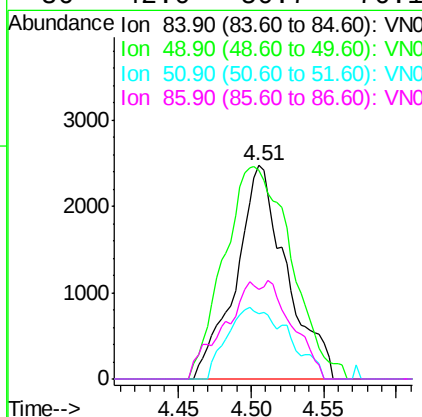
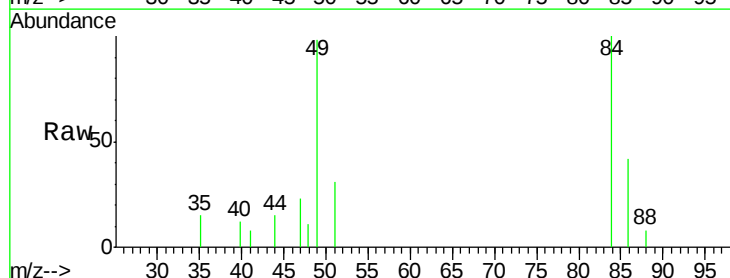
Instrument :
MSVOA_N
ClientSampleId :
PB132229ZHE#09

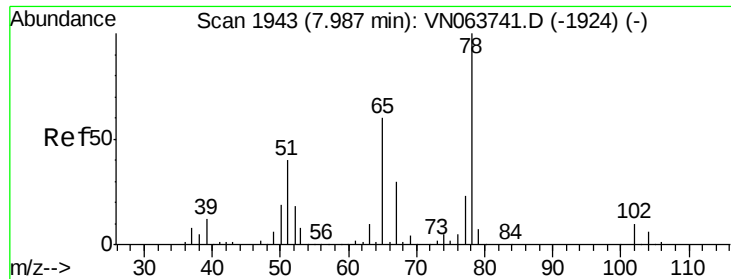
Tot Ion: 43 Resp: 3072
Ion Ratio Lower Upper
43 100
74 12.8 17.4 26.2#



#20
Methylene Chloride
Concen: 2.567 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064055.D
Acq: 9 Oct 2020 23:37

Tgt Ion: 84 Resp: 6002
Ion Ratio Lower Upper
84 100
49 97.7 110.4 165.6#
51 30.6 33.3 49.9#
86 42.0 50.7 76.1#

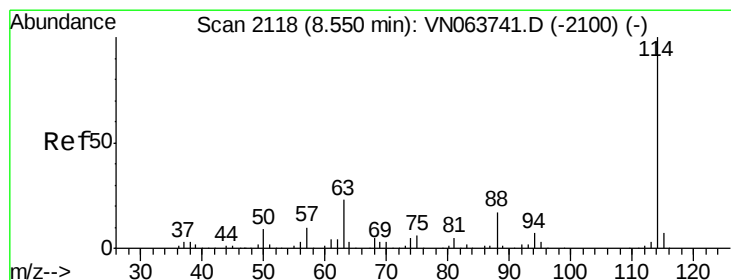
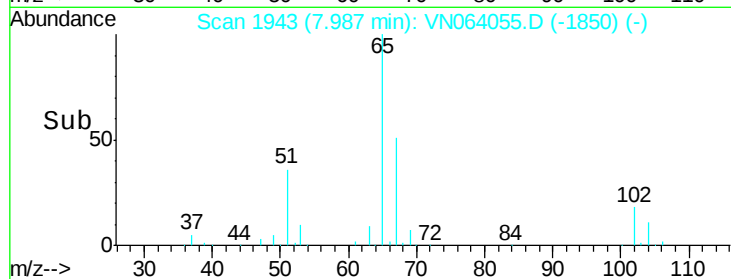
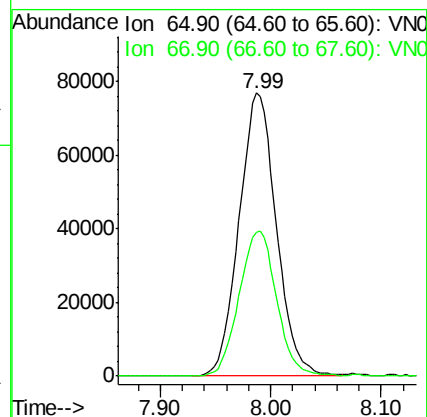
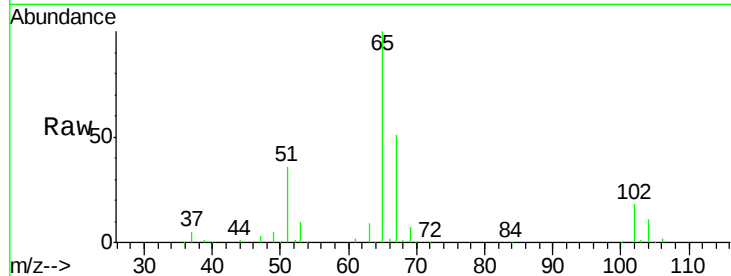




#33
 1,2-Dichloroethane-d4
 Concen: 52.222 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064055.D
 Acq: 9 Oct 2020 23:37

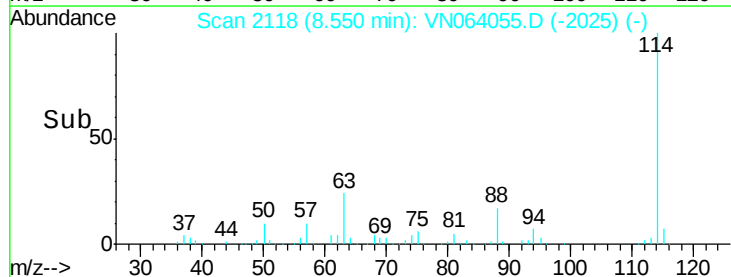
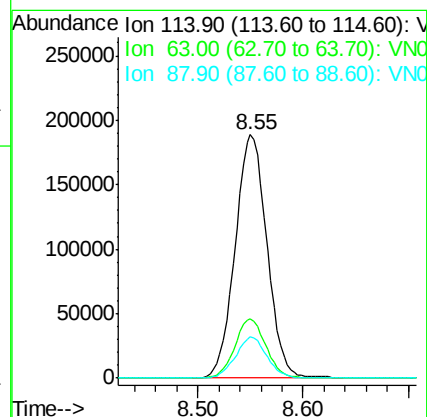
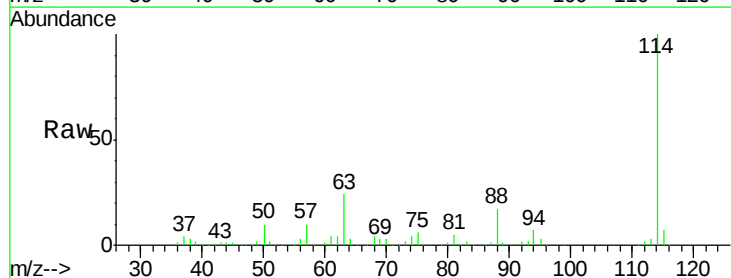
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132229ZHE#09

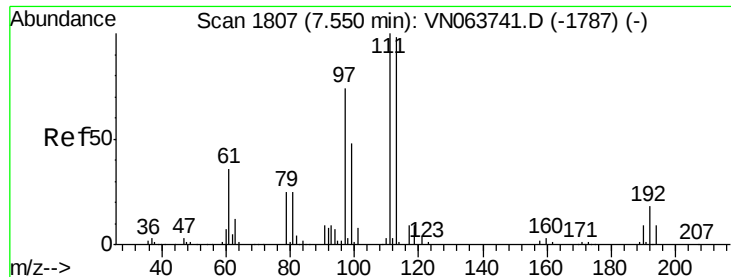
Tot Ion: 65 Resp: 179713
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064055.D
 Acq: 9 Oct 2020 23:37

Tgt Ion: 114 Resp: 394668
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 45.0
 88 17.0 0.0 34.0

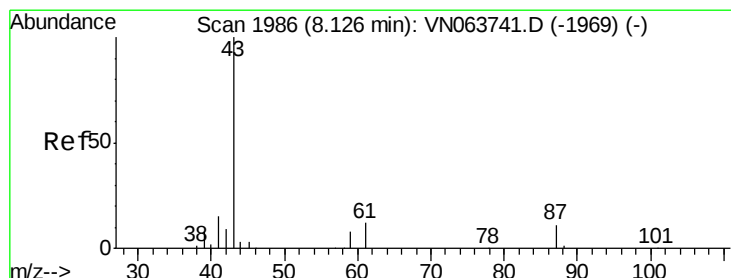
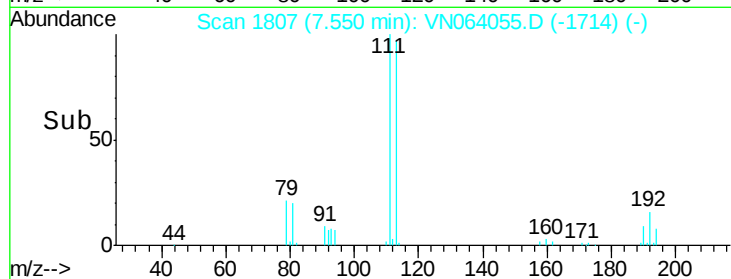
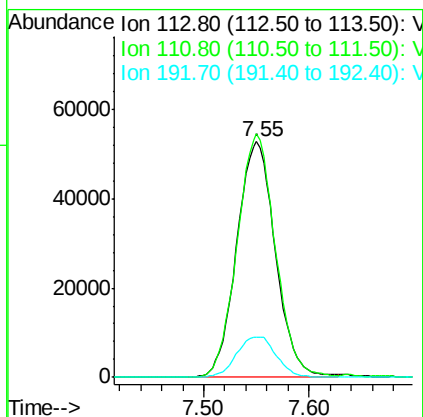
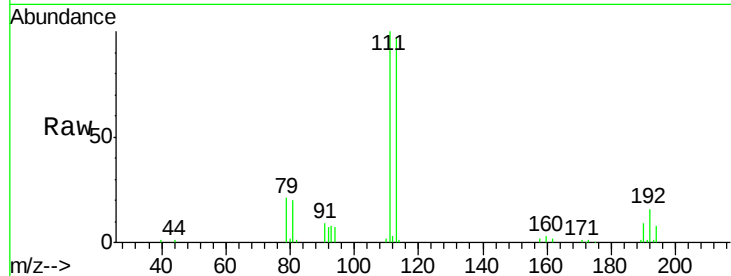




#35
 Dibromofluoromethane
 Concen: 49.199 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064055.D
 Acq: 9 Oct 2020 23:37

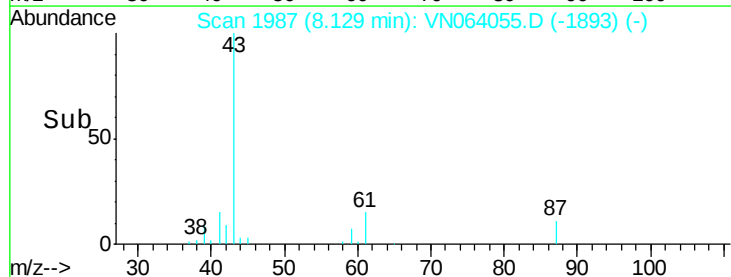
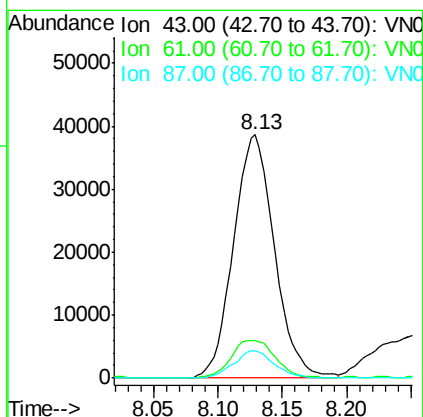
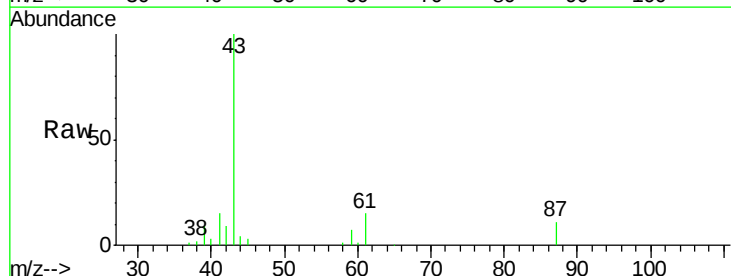
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132229ZHE#09

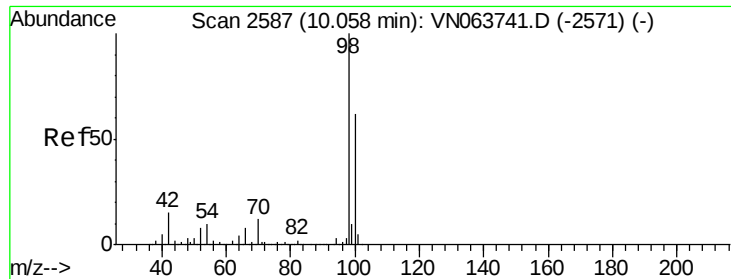
Tot Ion:113 Resp: 134731
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 17.5 14.2 21.2



#43
 Isopropyl Acetate
 Concen: 13.059 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064055.D
 Acq: 9 Oct 2020 23:37

Tgt Ion: 43 Resp: 85566
 Ion Ratio Lower Upper
 43 100
 61 16.6 14.2 21.4
 87 11.1 9.0 13.6





#50

Toluene-d8

Concen: 50.152 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064055.D

Acq: 9 Oct 2020 23:37

Instrument :

MSVOA_N

ClientSampleId :

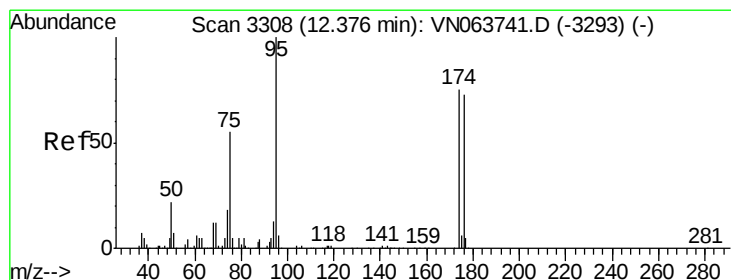
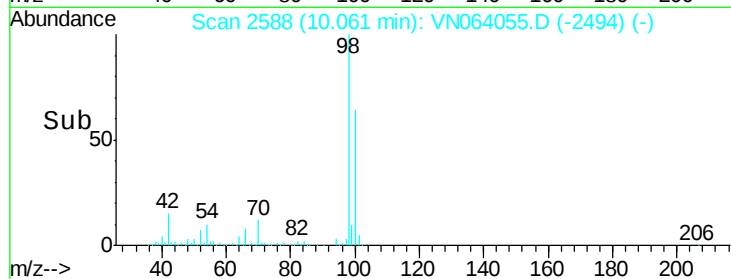
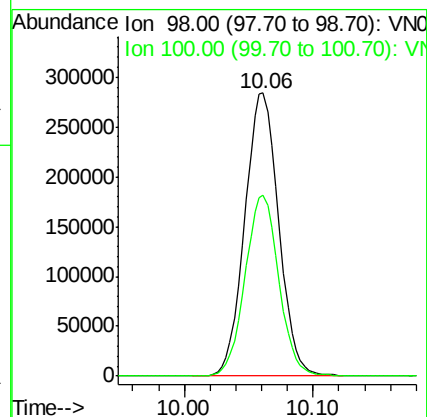
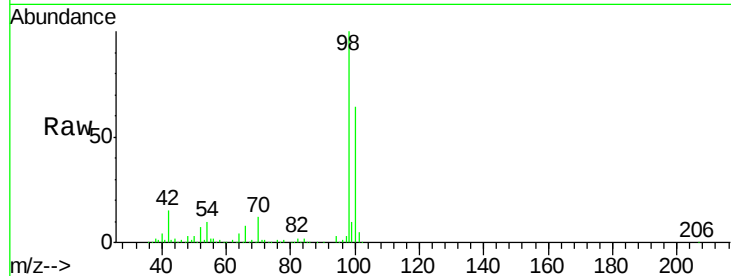
PB132229ZHE#09

Tot Ion: 98 Resp: 520649

Ion Ratio Lower Upper

98 100

100 63.4 49.8 74.6



#62

4-Bromofluorobenzene

Concen: 50.840 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064055.D

Acq: 9 Oct 2020 23:37

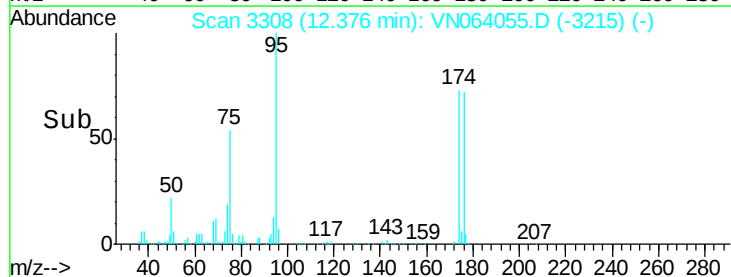
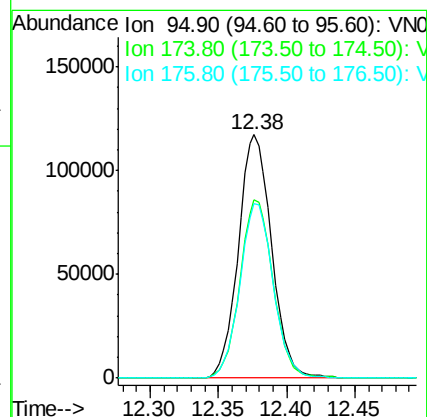
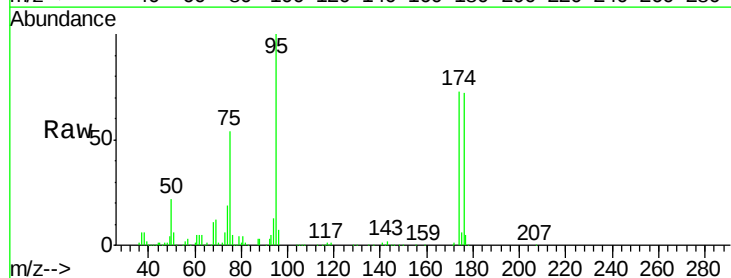
Tgt Ion: 95 Resp: 198401

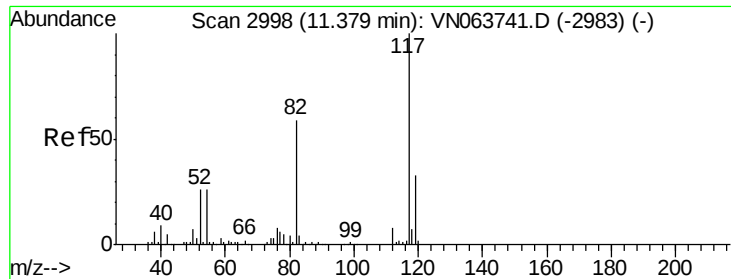
Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.6

176 72.0 0.0 145.4

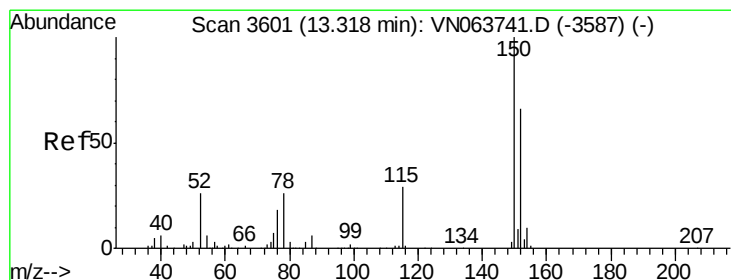
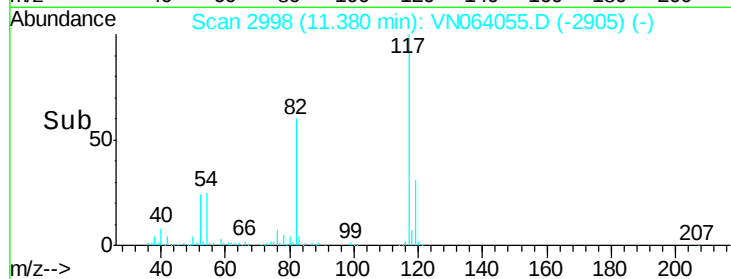
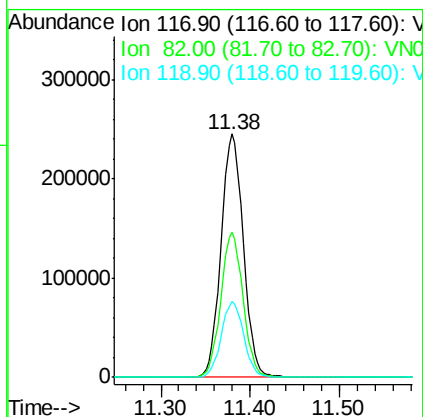
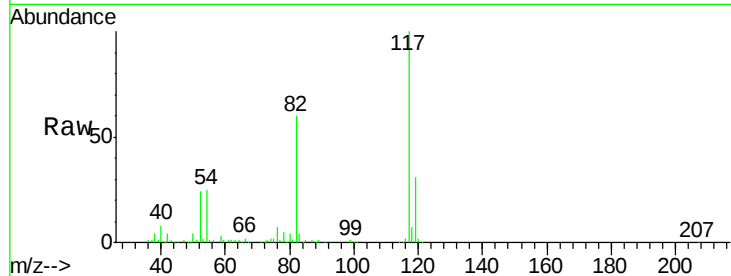




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064055.D
Acq: 9 Oct 2020 23:37

Instrument :
MSVOA_N
ClientSampleId :
PB132229ZHE#09

Tot Ion:117 Resp: 425521
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064055.D
Acq: 9 Oct 2020 23:37

Tgt Ion:152 Resp: 158875
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.8
150 157.4 0.0 341.8

