

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064130.D
 Acq On : 14 Oct 2020 22:31
 Operator : JC/MD
 Sample : PB132343ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132343ZHE#02

Quant Time: Oct 15 07:42:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

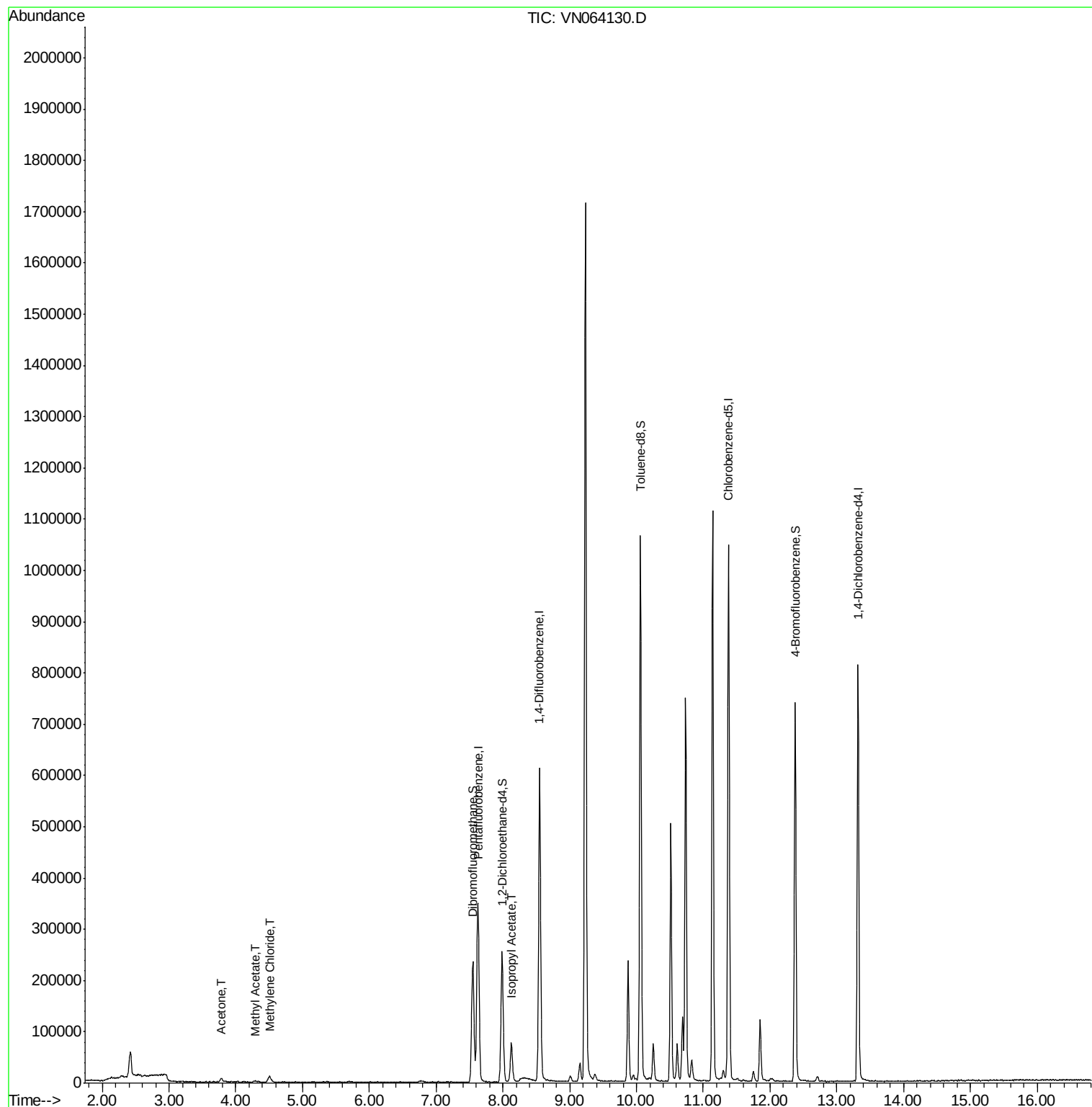
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	273669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	543318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	593821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	218198	55.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.96%	
35) Dibromofluoromethane	7.55	113	183989	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	10.06	98	725820	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.38	95	254050	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
Target Compounds						
16) Acetone	3.78	43	11803	10.209	ug/l	92
18) Methyl Acetate	4.29	43	3703	1.277	ug/l #	86
20) Methylene Chloride	4.50	84	9141	2.555	ug/l #	83
43) Isopropyl Acetate	8.13	43	89795	11.643	ug/l #	90

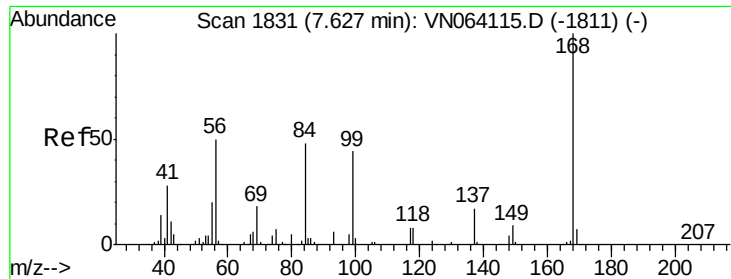
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064130.D

Acq: 14 Oct 2020 22:31

Instrument :

MSVOA_N

ClientSampleId :

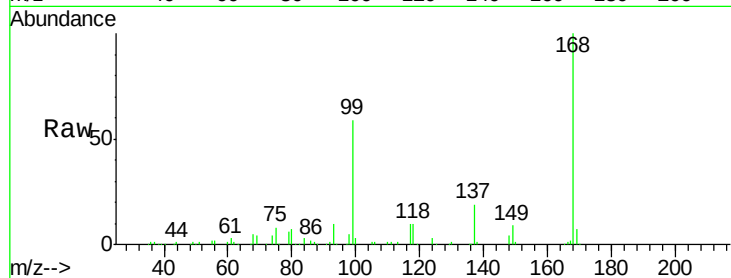
PB132343ZHE#02

Tot Ion:168 Resp: 273669

Ion Ratio Lower Upper

168 100

99 59.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

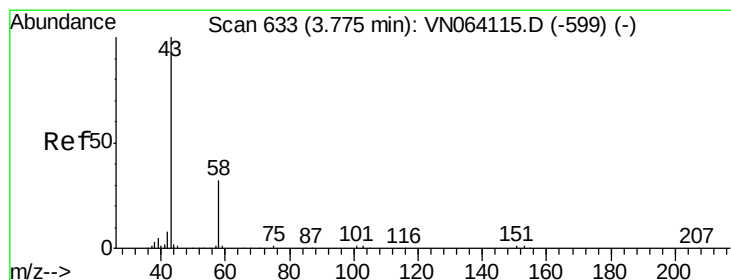
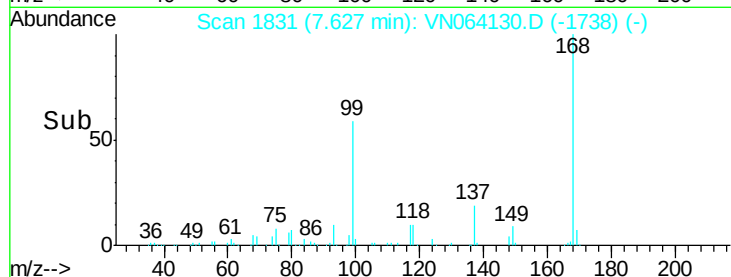
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.209 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064130.D

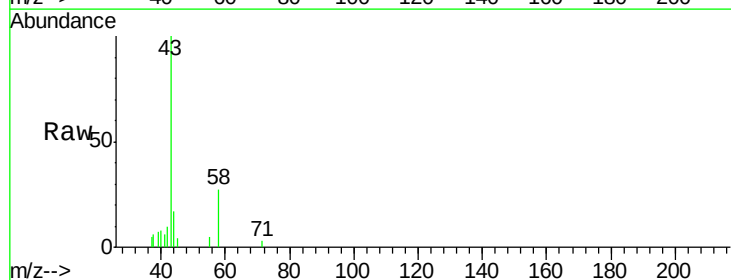
Acq: 14 Oct 2020 22:31

Tgt Ion: 43 Resp: 11803

Ion Ratio Lower Upper

43 100

58 27.3 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

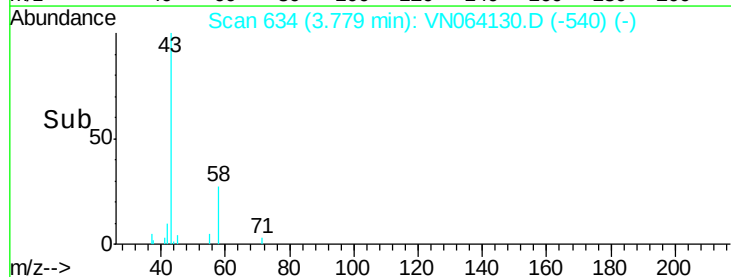
3000

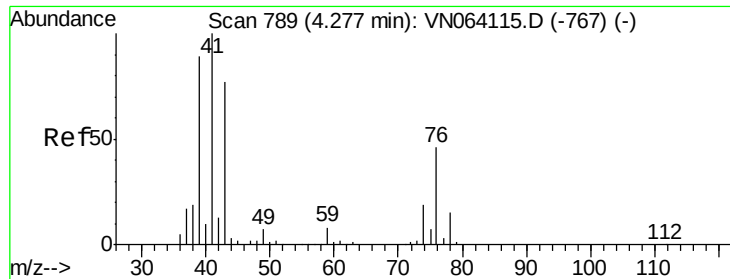
2000

1000

0

Time--> 3.70 3.75 3.80

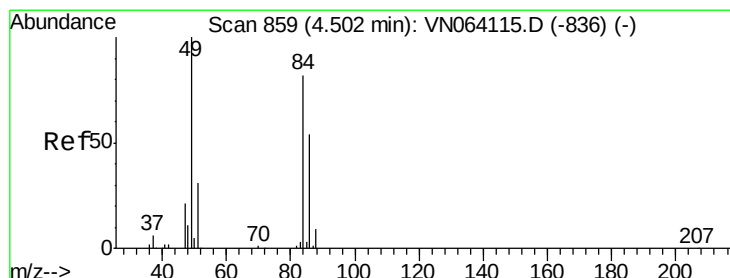
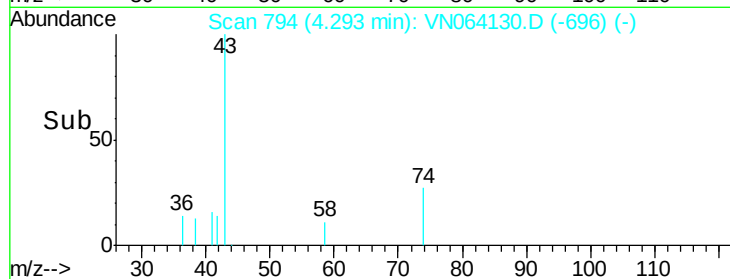
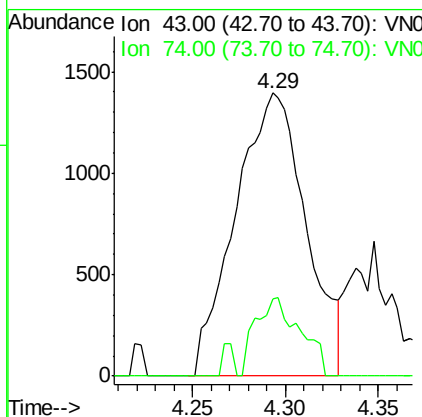
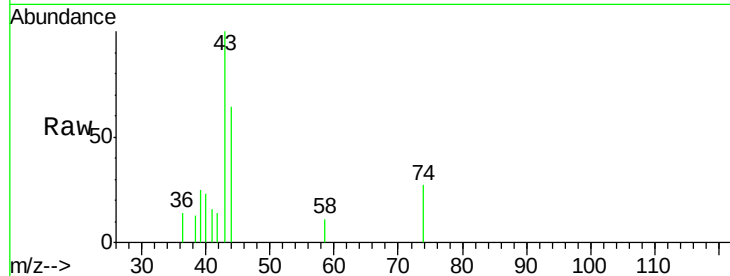




#18
Methyl Acetate
Concen: 1.277 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN064130.D
Acq: 14 Oct 2020 22:31

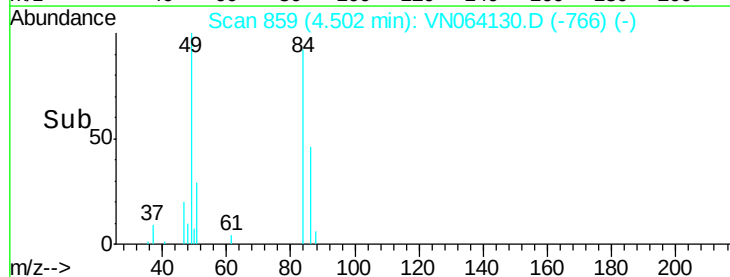
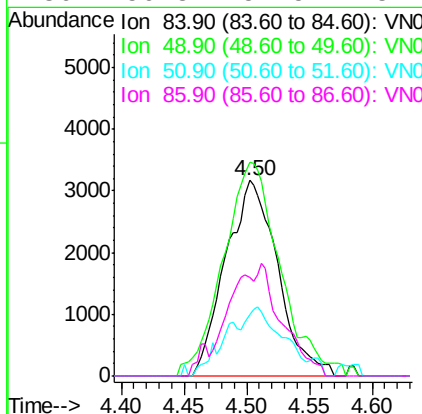
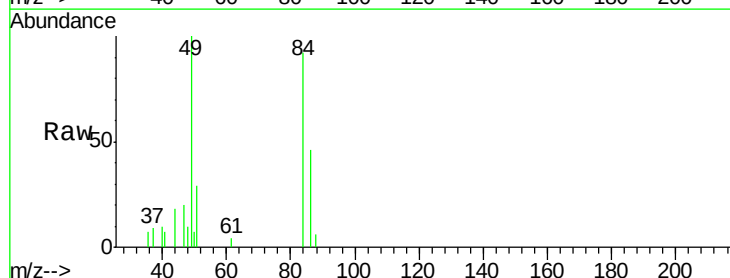
Instrument :
MSVOA_N
ClientSampleId :
PB132343ZHE#02

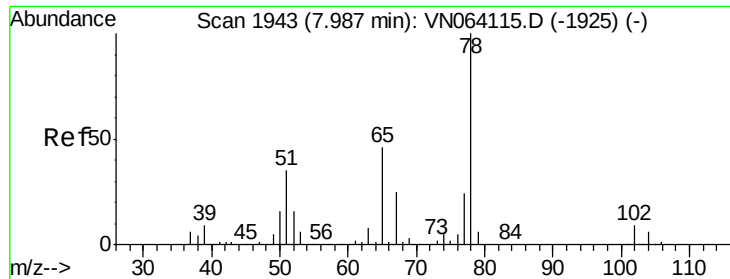
Tot Ion: 43 Resp: 3703
Ion Ratio Lower Upper
43 100
74 17.6 19.7 29.5#



#20
Methylene Chloride
Concen: 2.555 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064130.D
Acq: 14 Oct 2020 22:31

Tgt Ion: 84 Resp: 9141
Ion Ratio Lower Upper
84 100
49 102.3 97.4 146.0
51 31.6 29.7 44.5
86 50.3 52.5 78.7#





#33

1,2-Dichloroethane-d4

Concen: 55.983 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064130.D

Acq: 14 Oct 2020 22:31

Instrument :

MSVOA_N

ClientSampleId :

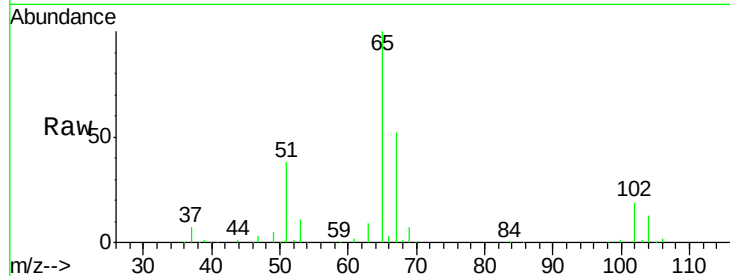
PB132343ZHE#02

Tot Ion: 65 Resp: 218198

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN064130.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064130.D (-1850) (-)

7.99

100000

80000

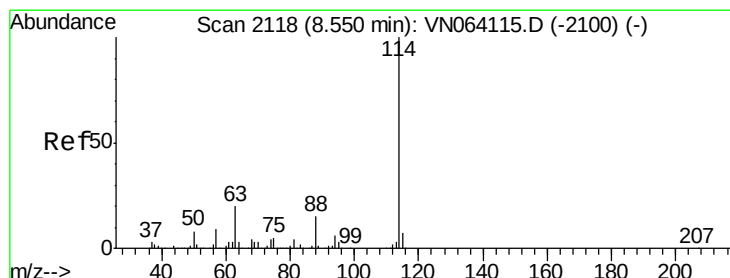
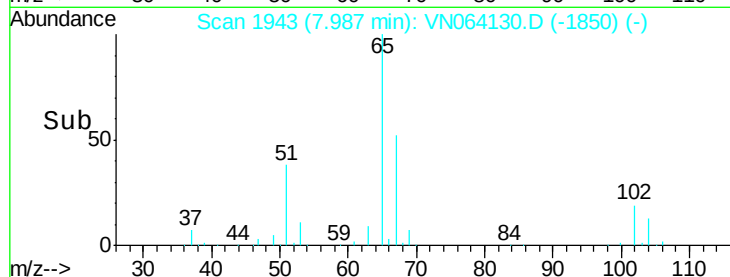
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064130.D

Acq: 14 Oct 2020 22:31

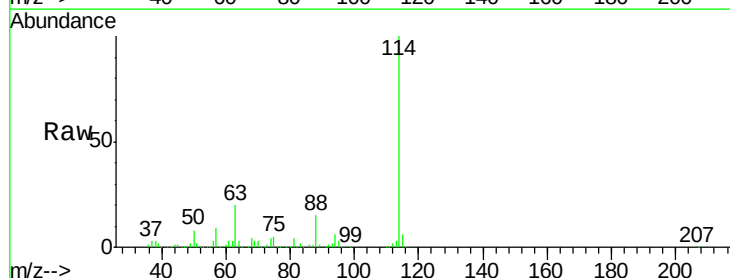
Tgt Ion: 114 Resp: 543318

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 14.8 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VN064130.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064130.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064130.D (-2025) (-)

8.55

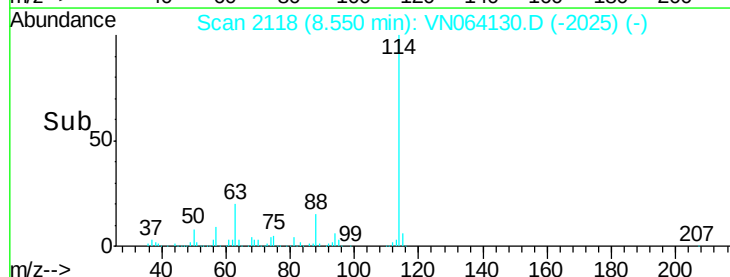
300000

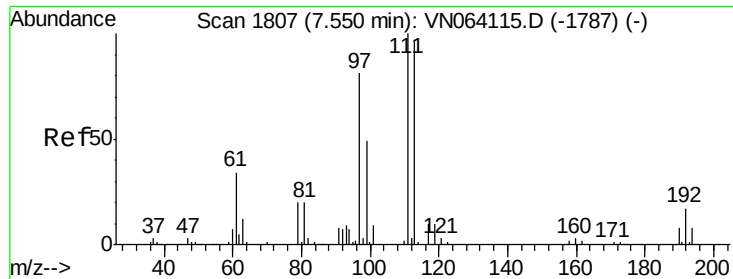
200000

100000

0

Time-->

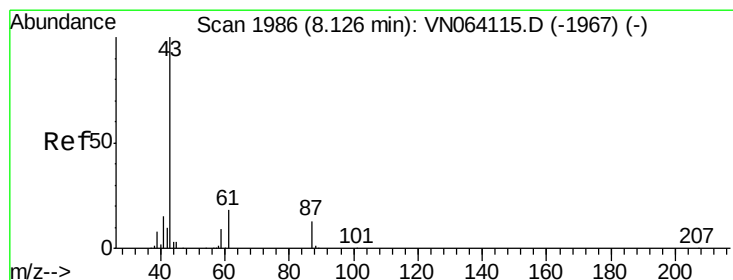
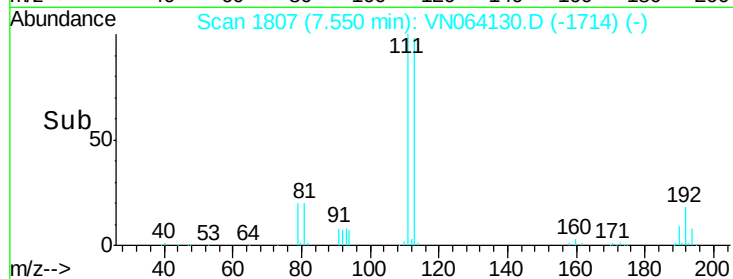
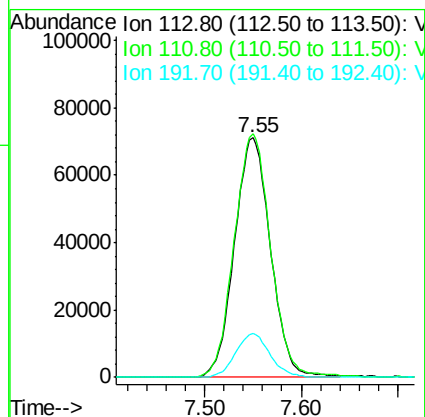
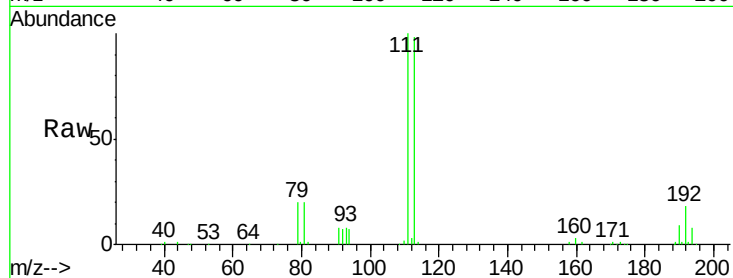




#35
 Dibromofluoromethane
 Concen: 48.926 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064130.D
 Acq: 14 Oct 2020 22:31

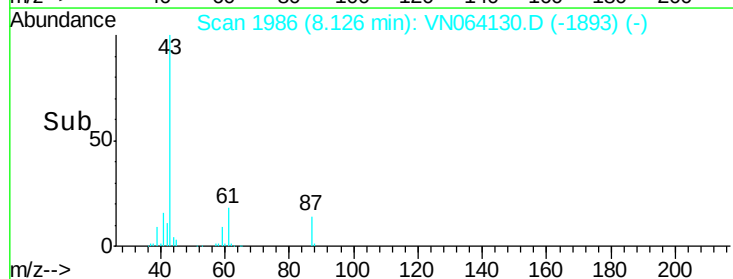
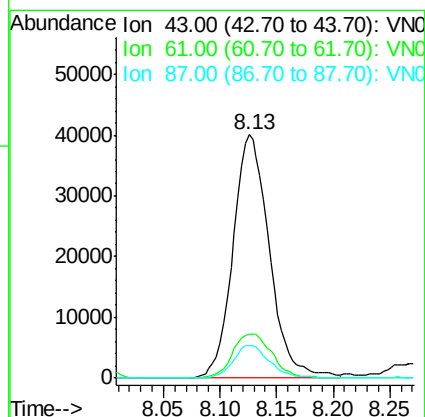
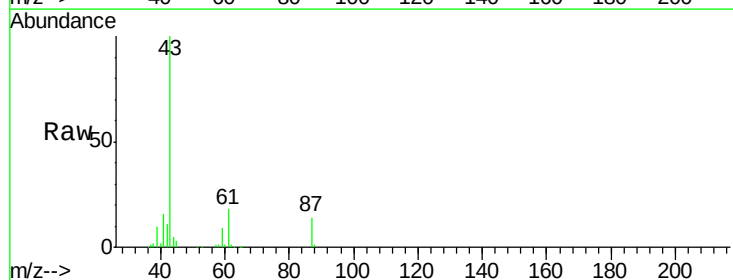
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132343ZHE#02

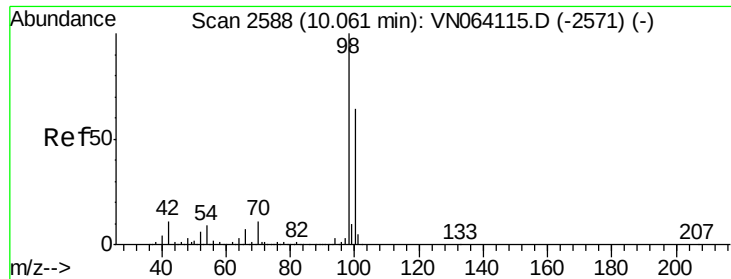
Tot Ion:113 Resp: 183989
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 17.5 14.3 21.5



#43
 Isopropyl Acetate
 Concen: 11.643 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN064130.D
 Acq: 14 Oct 2020 22:31

Tgt Ion: 43 Resp: 89795
 Ion Ratio Lower Upper
 43 100
 61 19.6 21.9 32.9#
 87 13.4 11.0 16.4





#50

Toluene-d8

Concen: 51.153 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064130.D

Acq: 14 Oct 2020 22:31

Instrument :

MSVOA_N

ClientSampleId :

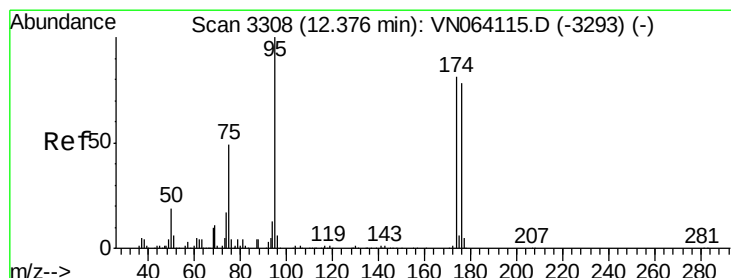
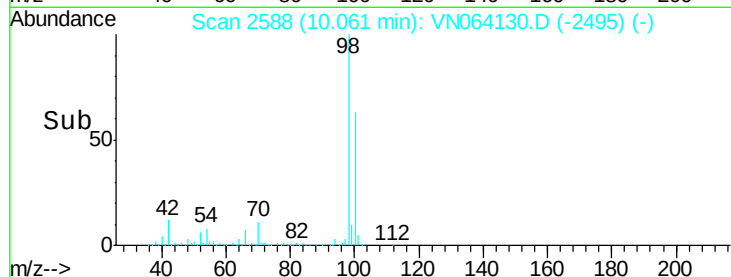
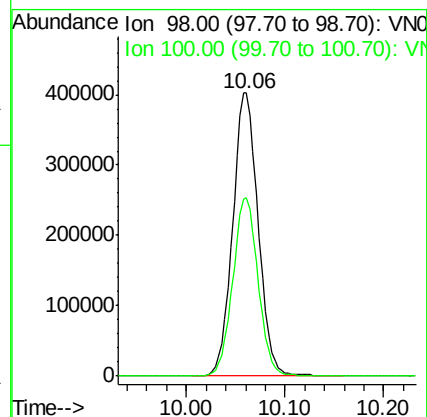
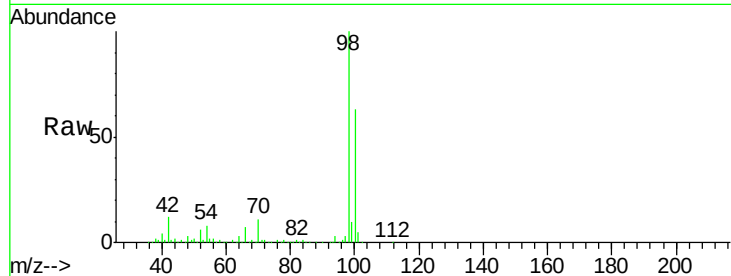
PB132343ZHE#02

Tot Ion: 98 Resp: 725820

Ion Ratio Lower Upper

98 100

100 63.0 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 52.089 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064130.D

Acq: 14 Oct 2020 22:31

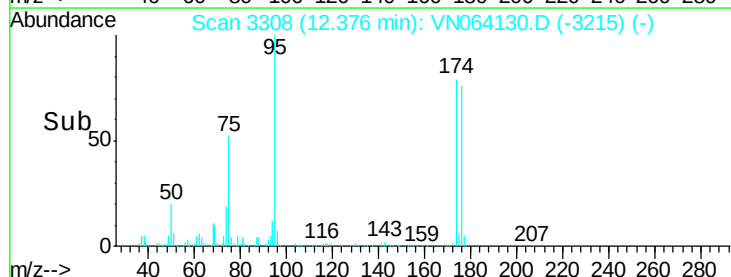
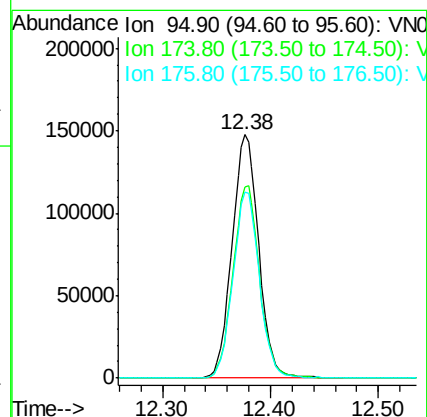
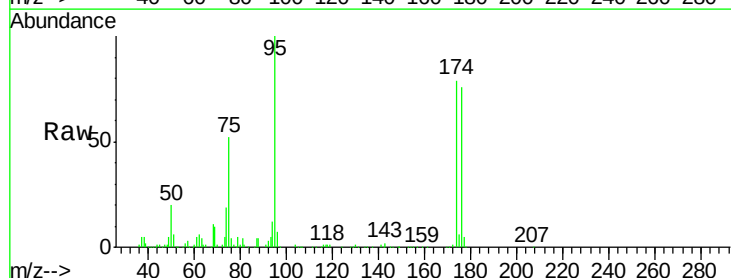
Tgt Ion: 95 Resp: 254050

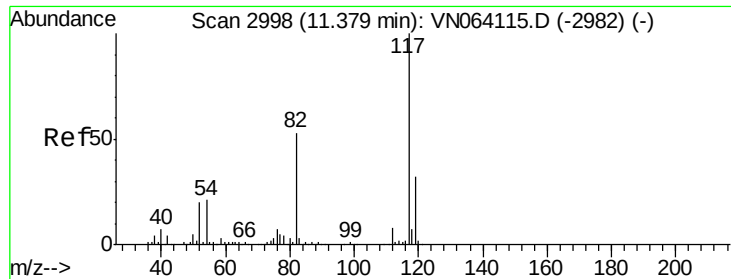
Ion Ratio Lower Upper

95 100

174 78.9 0.0 164.8

176 75.7 0.0 157.8

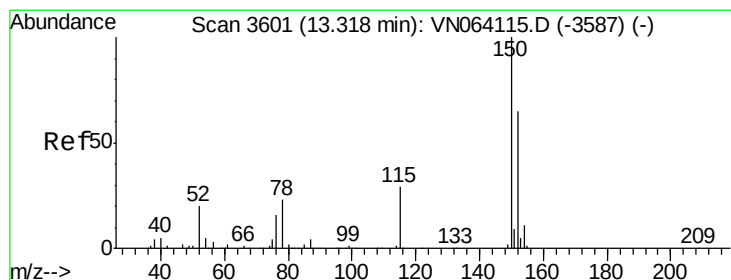
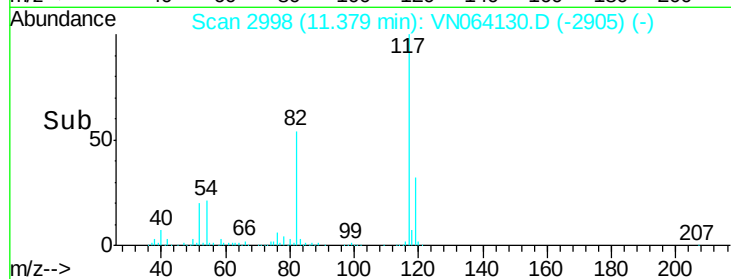
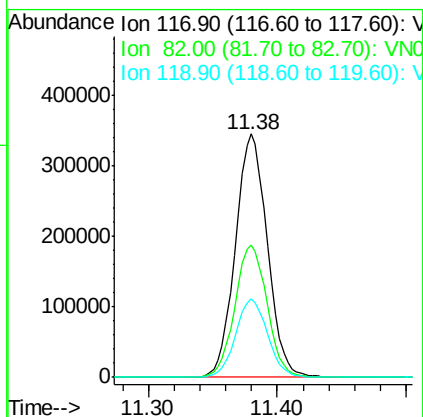
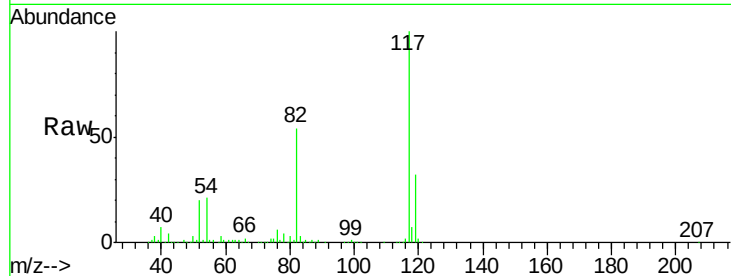




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064130.D
Acq: 14 Oct 2020 22:31

Instrument :
MSVOA_N
ClientSampleId :
PB132343ZHE#02

Tot Ion:117 Resp: 593821
Ion Ratio Lower Upper
117 100
82 54.5 42.6 63.8
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064130.D
Acq: 14 Oct 2020 22:31

Tgt Ion:152 Resp: 216179
Ion Ratio Lower Upper
152 100
115 60.5 29.3 87.8
150 158.1 0.0 346.0

