

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064012.D
 Acq On : 9 Oct 2020 1:40
 Operator : JC/MD
 Sample : PB132189ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#01

Quant Time: Oct 09 07:18:14 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

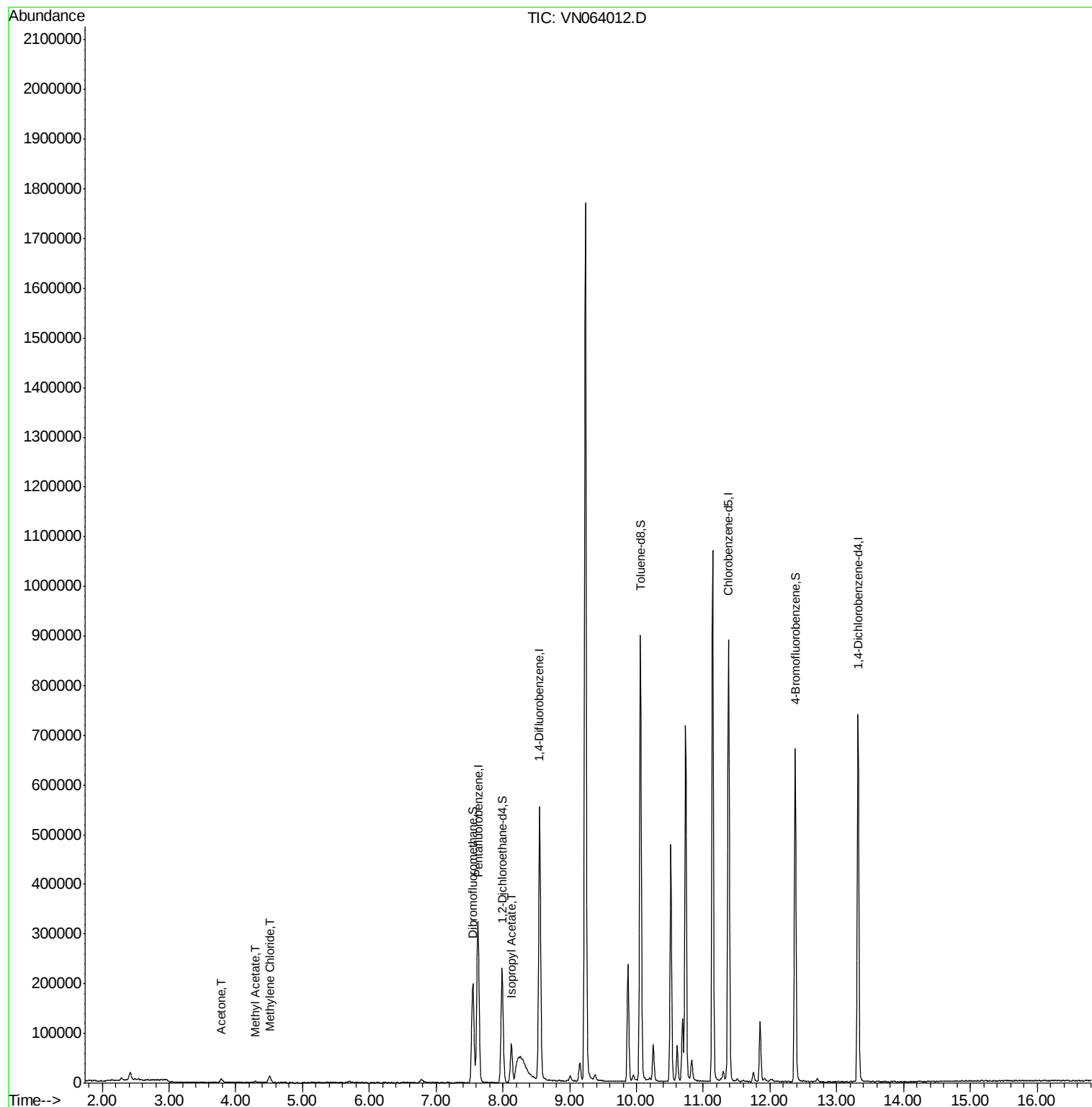
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	242727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	469886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	487930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	203000	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
35) Dibromofluoromethane	7.55	113	153011	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	10.06	98	595476	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.38	95	228949	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
Target Compounds						
16) Acetone	3.79	43	13810	11.188	ug/l	98
18) Methyl Acetate	4.29	43	4549	1.419	ug/l #	86
20) Methylene Chloride	4.51	84	8950	3.257	ug/l	98
43) Isopropyl Acetate	8.13	43	94237	12.080	ug/l	99

(#) = 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# 1831

Delta R.T. 0.00 min

Lab File: VN064012.D

Acq: 9 Oct 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

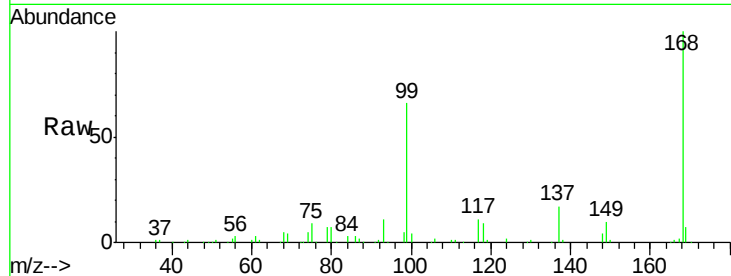
PB132189ZHE#01

Tot Ion:168 Resp: 242727

Ion Ratio Lower Upper

168 100

99 65.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

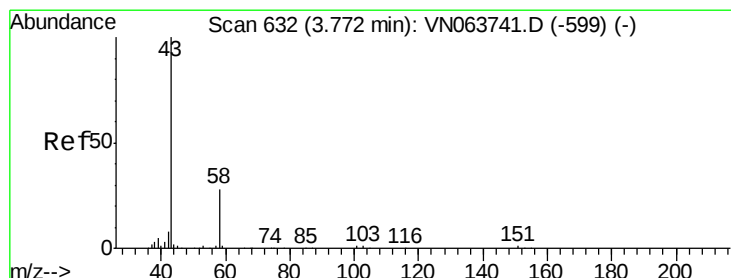
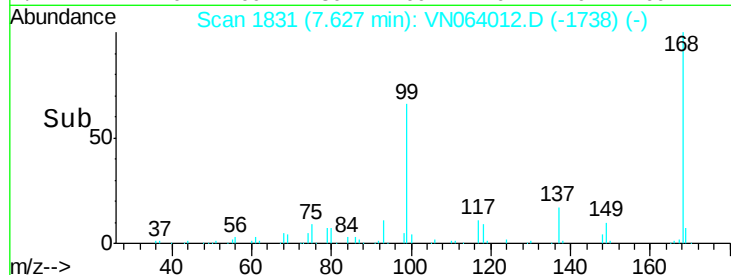
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.188 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064012.D

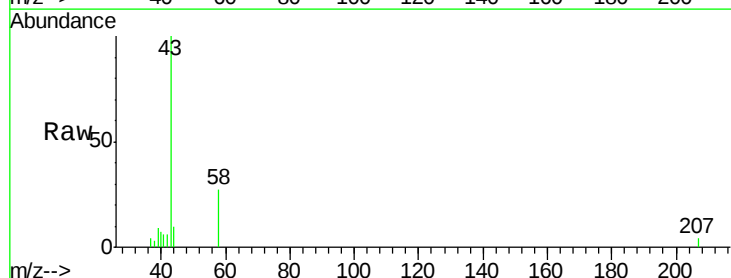
Acq: 9 Oct 2020 1:40

Tgt Ion: 43 Resp: 13810

Ion Ratio Lower Upper

43 100

58 26.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

5000

4000

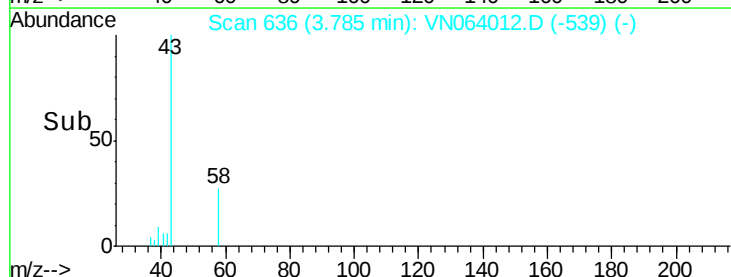
3000

2000

1000

0

Time--> 3.70 3.75 3.80 3.85

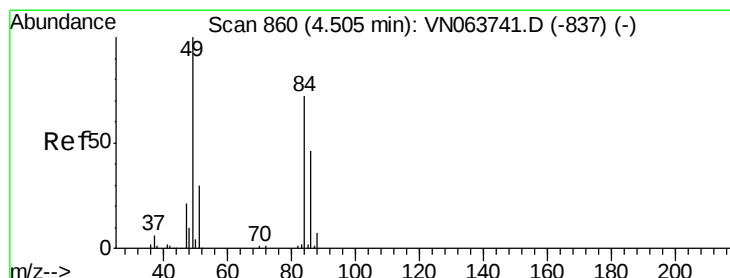
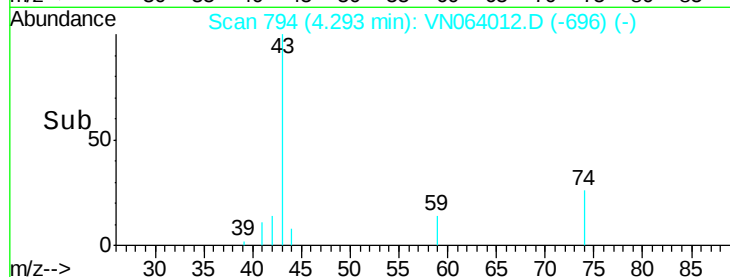
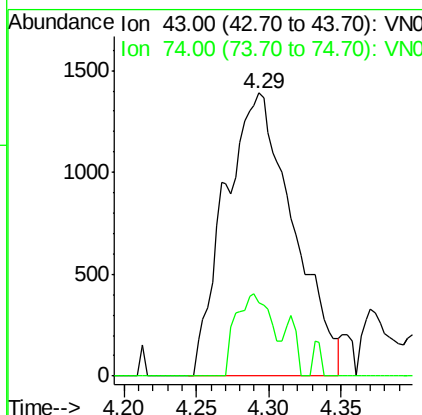
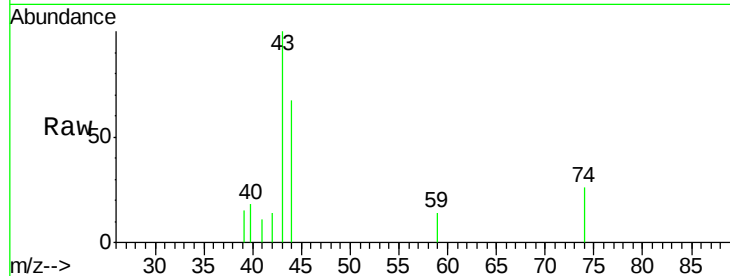




#18
Methyl Acetate
Concen: 1.419 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN064012.D
Acq: 9 Oct 2020 1:40

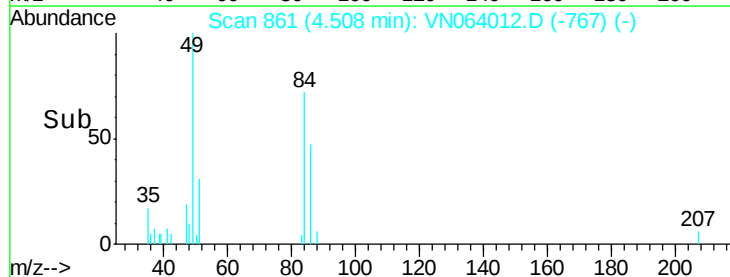
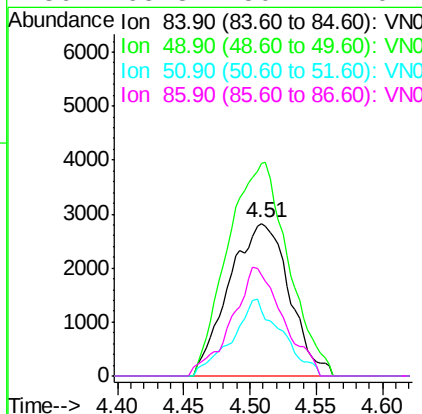
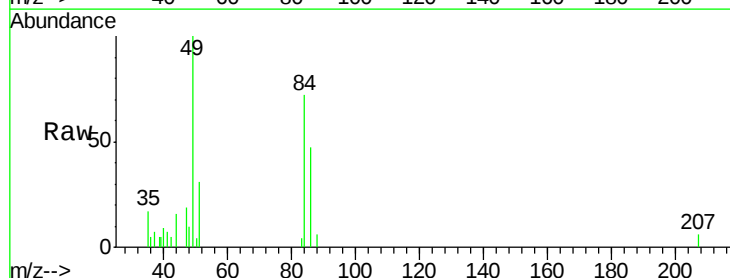
Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#01

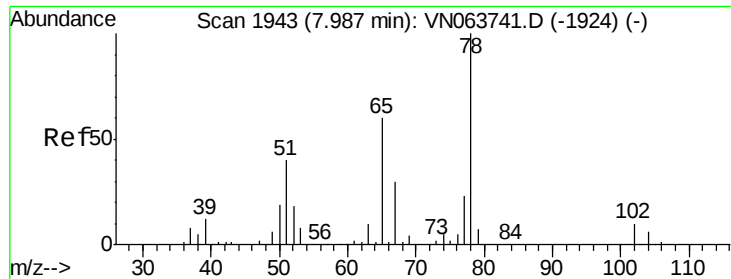
Tot Ion: 43 Resp: 4549
Ion Ratio Lower Upper
43 100
74 15.3 17.4 26.2#



#20
Methylene Chloride
Concen: 3.257 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064012.D
Acq: 9 Oct 2020 1:40

Tgt Ion: 84 Resp: 8950
Ion Ratio Lower Upper
84 100
49 139.1 110.4 165.6
51 42.8 33.3 49.9
86 65.8 50.7 76.1

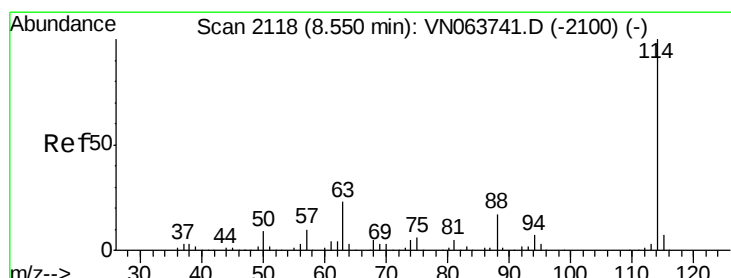
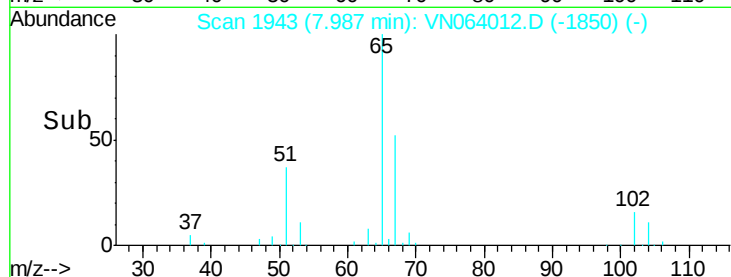
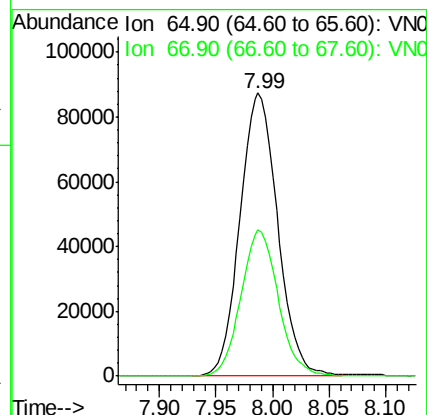
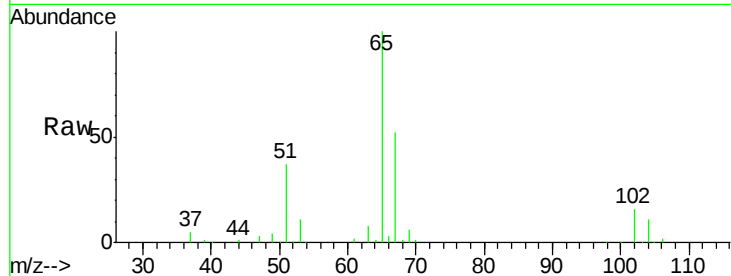




#33
 1,2-Dichloroethane-d4
 Concen: 50.623 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064012.D
 Acq: 9 Oct 2020 1:40

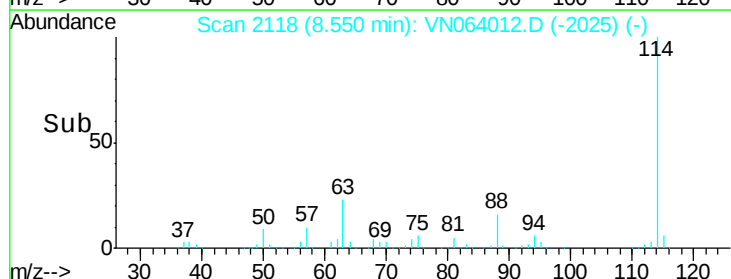
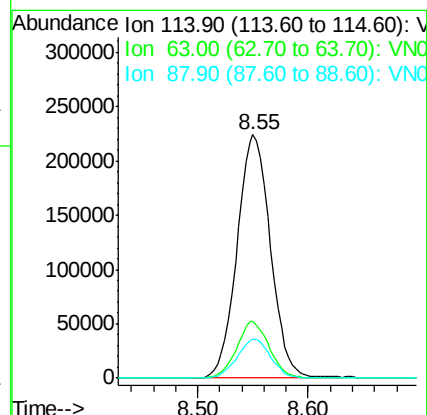
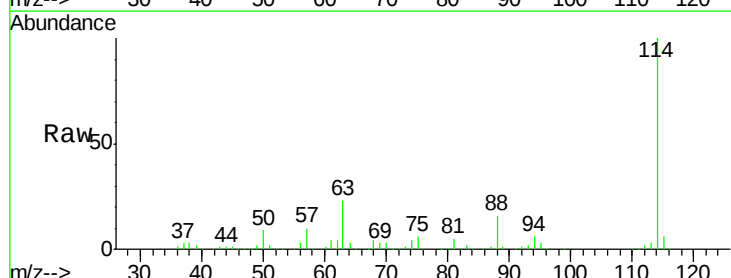
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#01

Tot Ion: 65 Resp: 203000
 Ion Ratio Lower Upper
 65 100
 67 51.0 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: VN064012.D
 Acq: 9 Oct 2020 1:40

Tgt Ion: 114 Resp: 469886
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 16.1 0.0 34.0

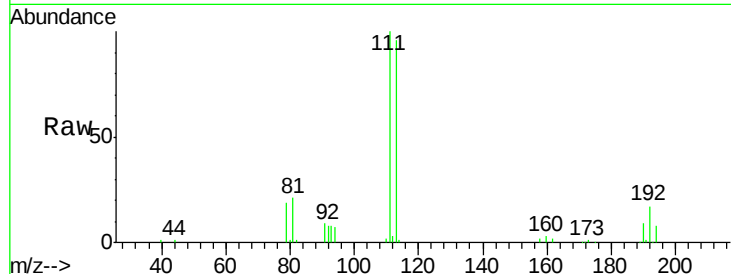




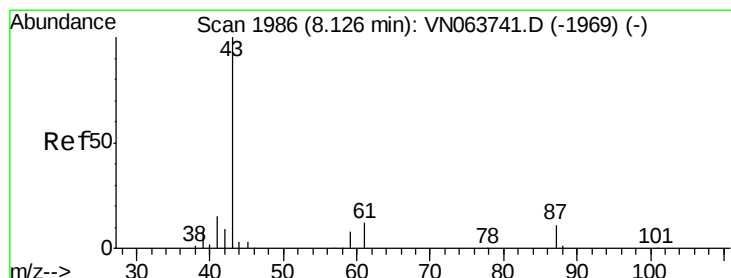
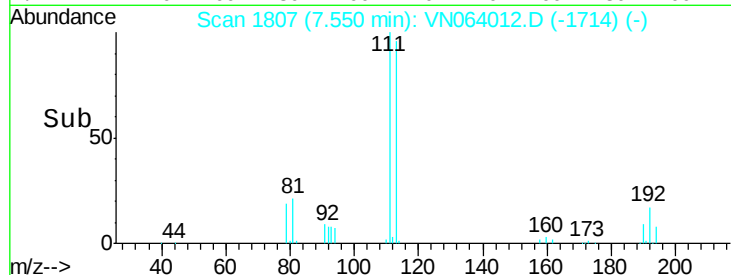
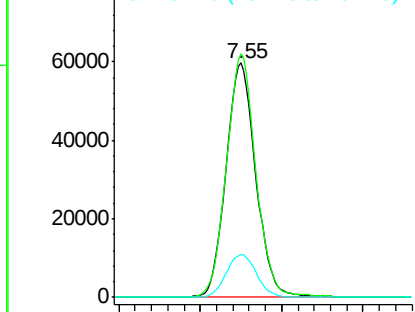
#35
Dibromofluoromethane
Concen: 46.930 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064012.D
Acq: 9 Oct 2020 1:40

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#01

Tot Ion:113 Resp: 153011
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 18.5 14.2 21.2

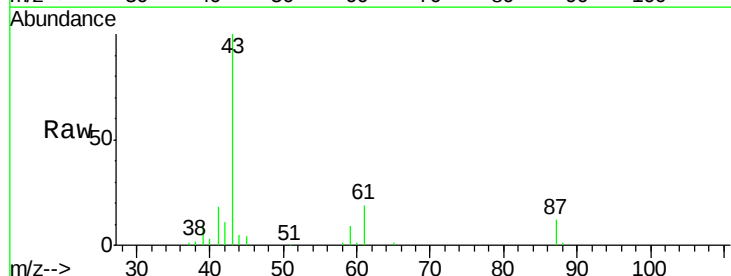


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

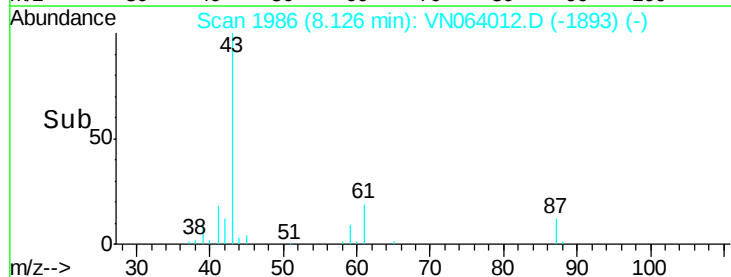
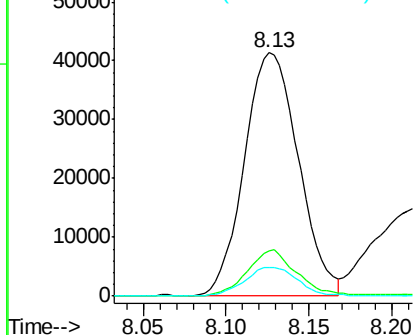


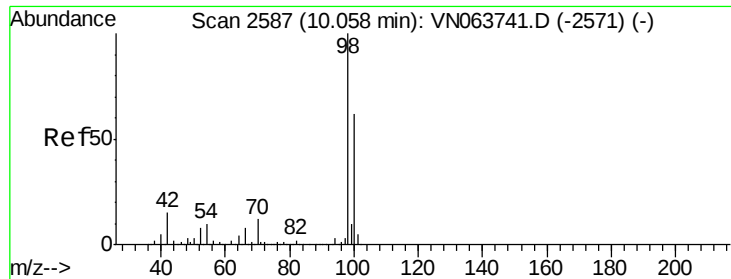
#43
Isopropyl Acetate
Concen: 12.080 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064012.D
Acq: 9 Oct 2020 1:40

Tgt Ion: 43 Resp: 94237
Ion Ratio Lower Upper
43 100
61 17.5 14.2 21.4
87 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.178 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064012.D

Acq: 9 Oct 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

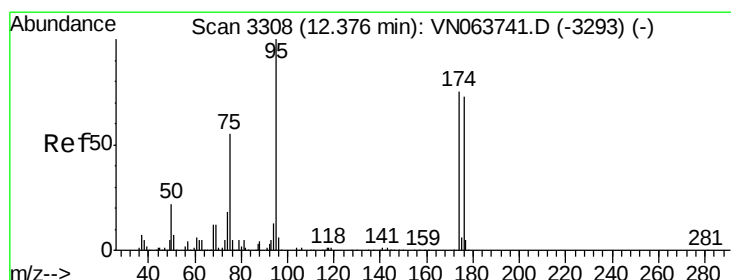
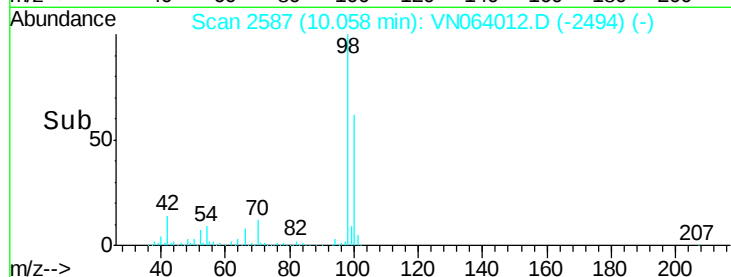
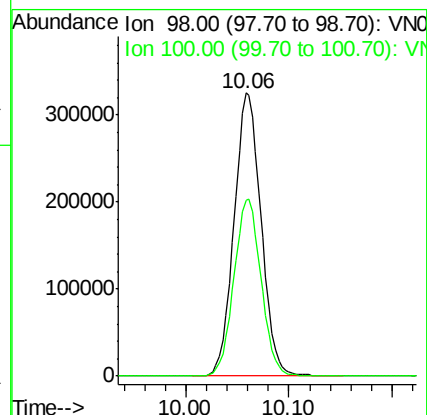
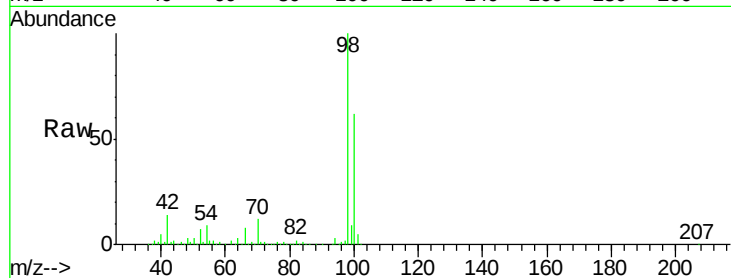
PB132189ZHE#01

Tot Ion: 98 Resp: 595476

Ion Ratio Lower Upper

98 100

100 62.9 49.8 74.6



#62

4-Bromofluorobenzene

Concen: 49.276 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064012.D

Acq: 9 Oct 2020 1:40

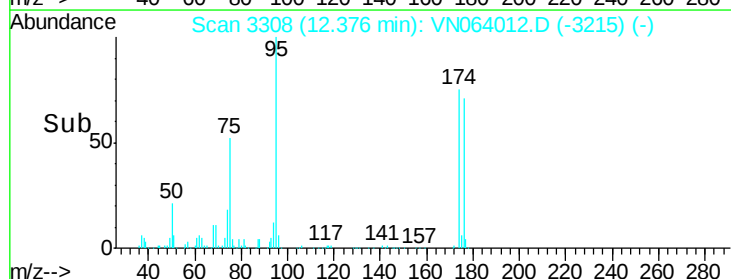
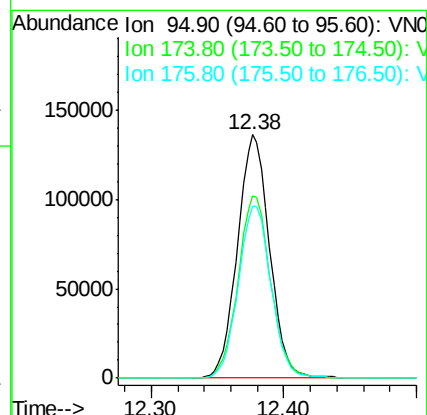
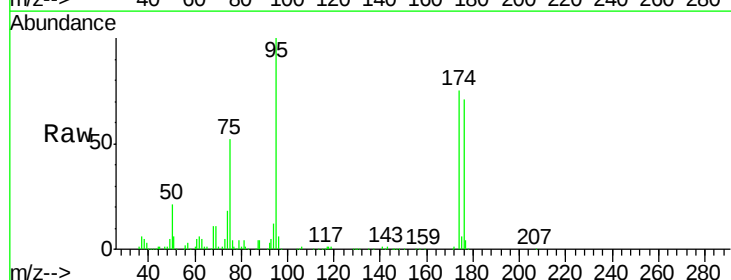
Tgt Ion: 95 Resp: 228949

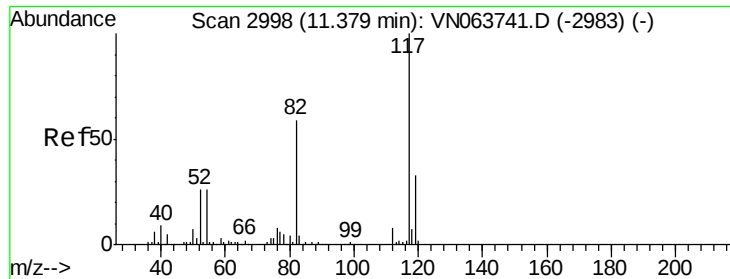
Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.6

176 72.5 0.0 145.4

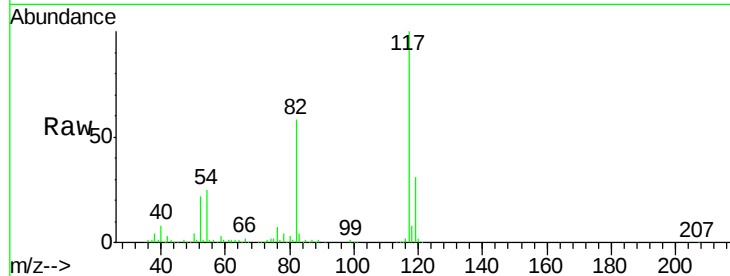




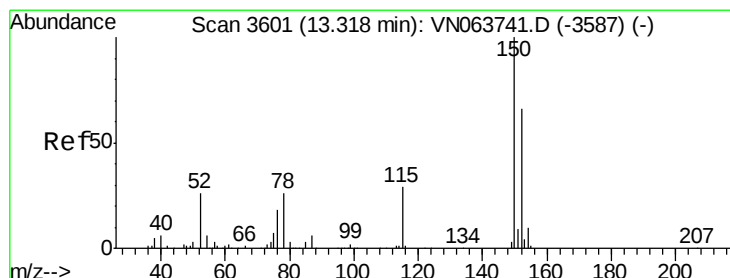
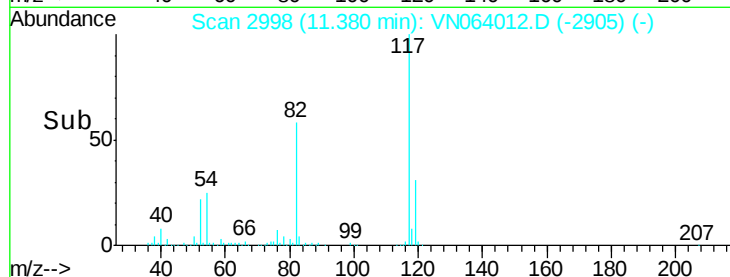
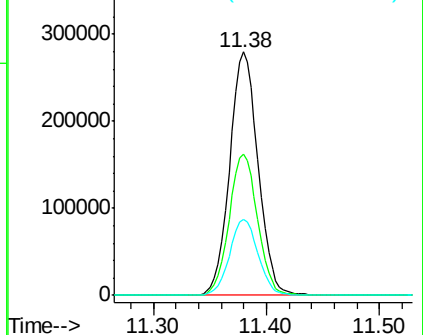
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064012.D
Acq: 9 Oct 2020 1:40

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#01

Tot Ion:117 Resp: 487930
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.3 26.4 39.6

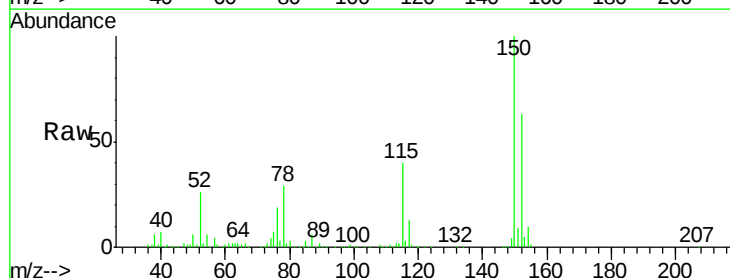


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064012.D
Acq: 9 Oct 2020 1:40

Tgt Ion:152 Resp: 186608
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 157.8 0.0 341.8



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

