

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064611.D
 Acq On : 13 Nov 2020 4:33
 Operator : JC/MD
 Sample : PB132945ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945ZHE#09

Quant Time: Nov 13 06:20:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

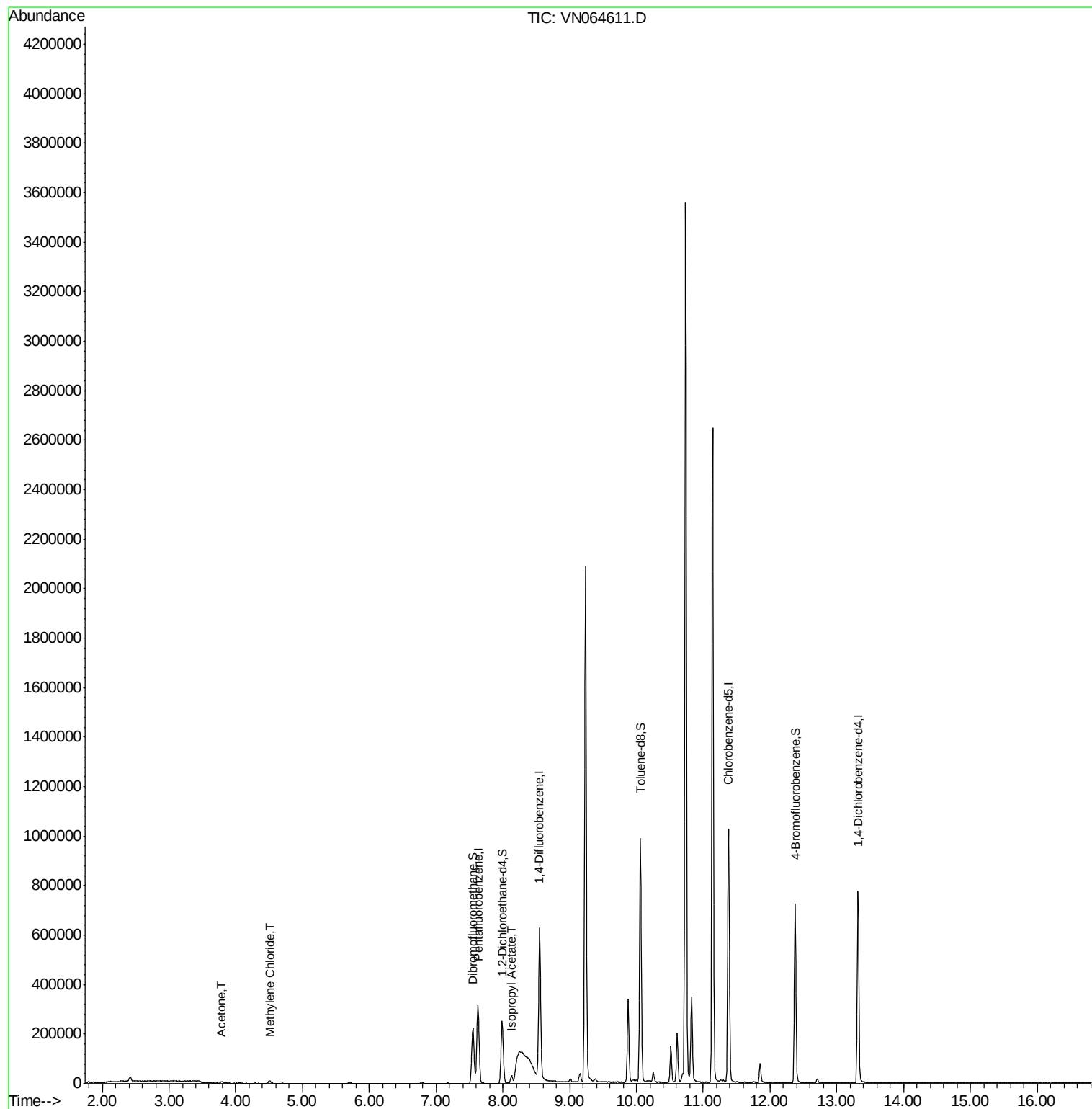
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	549699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	231137	59.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.00%	
35) Dibromofluoromethane	7.55	113	166103	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	10.06	98	654867	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.38	95	244778	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
Target Compounds						
16) Acetone	3.79	43	11729	7.926	ug/l #	89
20) Methylene Chloride	4.51	84	6442	2.194	ug/l	91
43) Isopropyl Acetate	8.13	43	38308	4.411	ug/l	98

(#) = 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# 1831

Delta R.T. 0.00 min

Lab File: VN064611.D

Acq: 13 Nov 2020 4:33

Instrument :

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ClientSampleId :

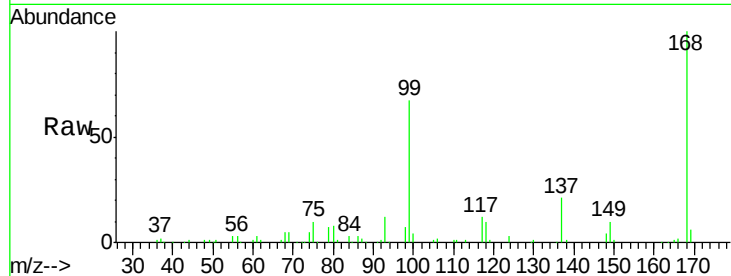
PB132945ZHE#09

Tot Ion:168 Resp: 223022

Ion Ratio Lower Upper

168 100

99 66.6 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

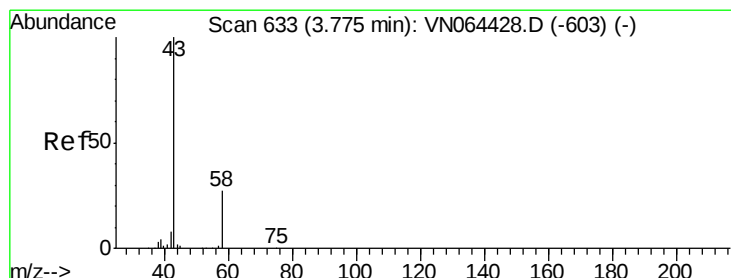
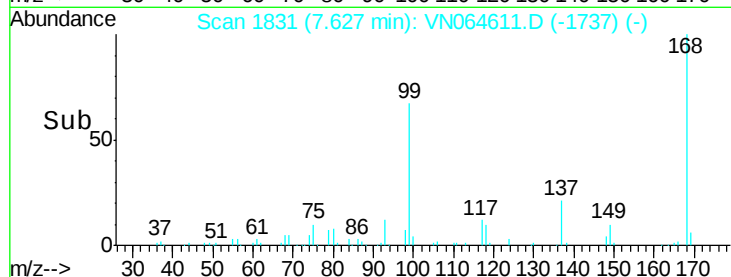
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 7.926 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064611.D

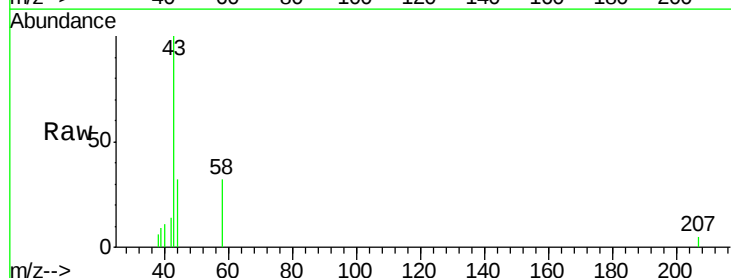
Acq: 13 Nov 2020 4:33

Tgt Ion: 43 Resp: 11729

Ion Ratio Lower Upper

43 100

58 32.4 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

4000

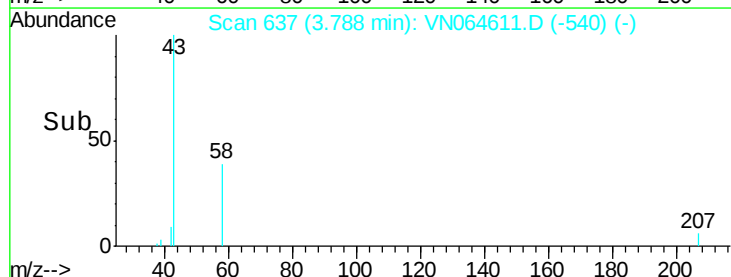
3000

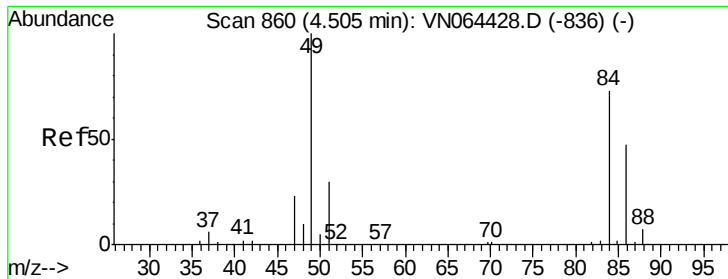
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

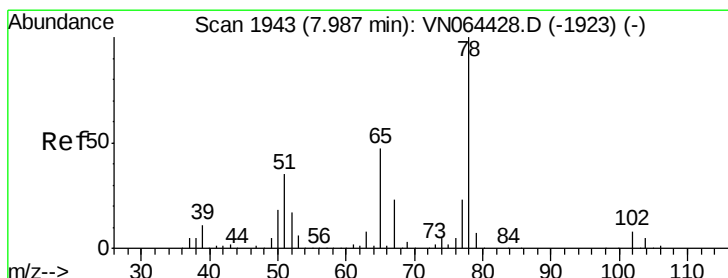
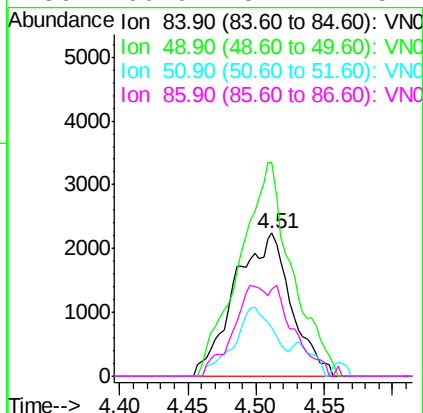
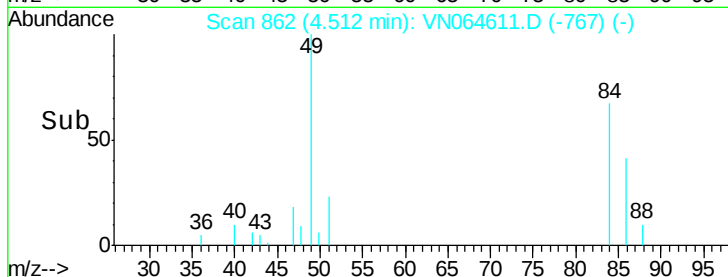
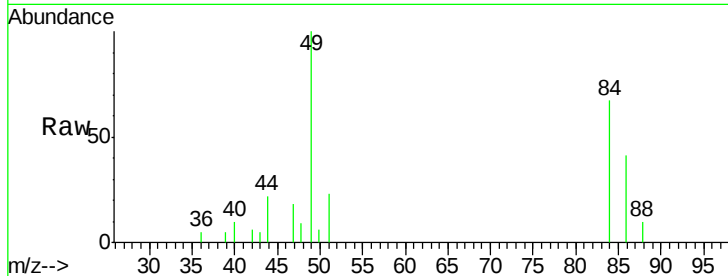




#20
Methvlene Chloride
Concen: 2.194 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064611.D
Acq: 13 Nov 2020 4:33

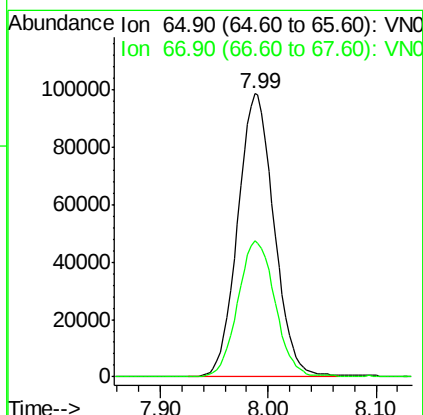
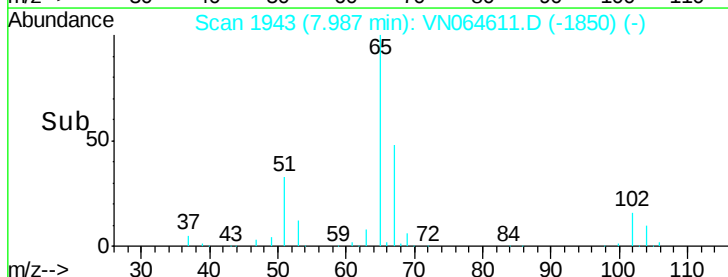
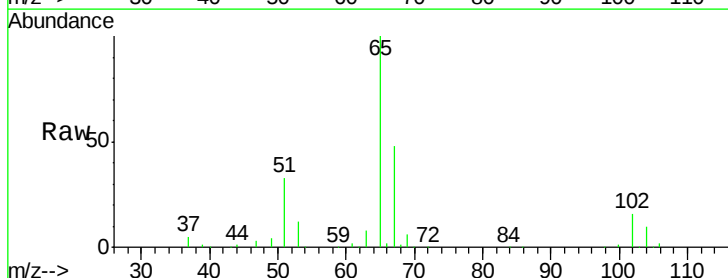
Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#09

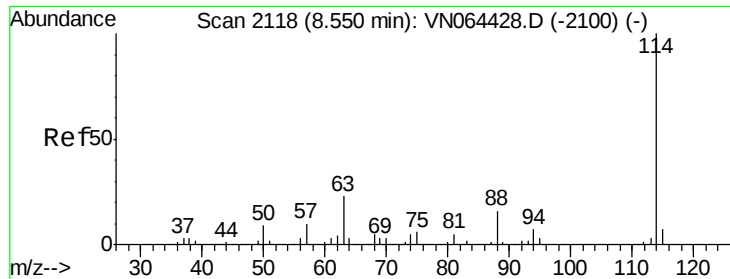
Tot Ion: 84 Resp: 6442
Ion Ratio Lower Upper
84 100
49 149.5 110.1 165.1
51 33.6 33.6 50.4
86 60.9 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 59.499 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064611.D
Acq: 13 Nov 2020 4:33

Tgt Ion: 65 Resp: 231137
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.6

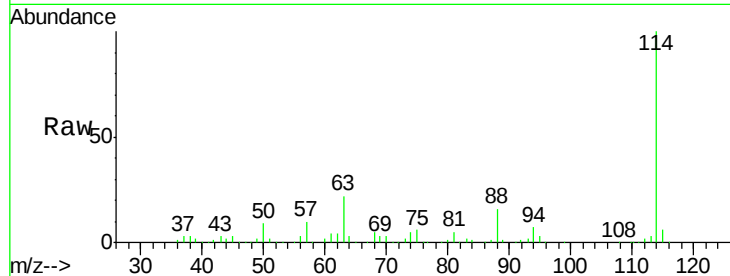




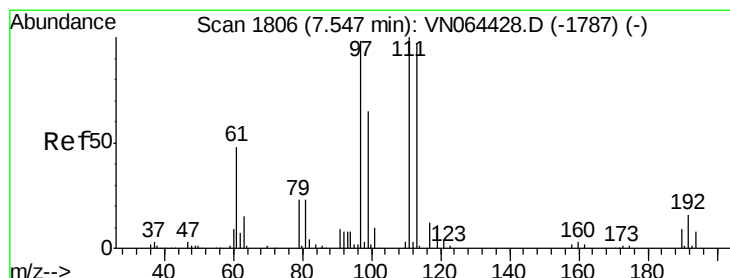
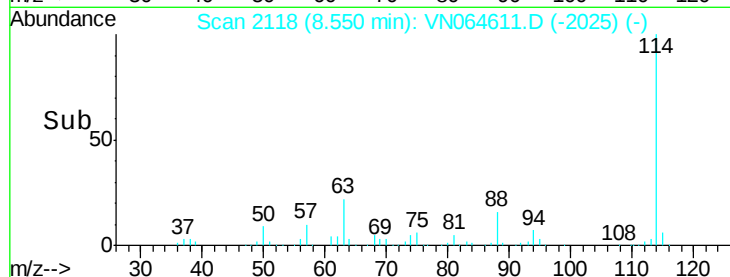
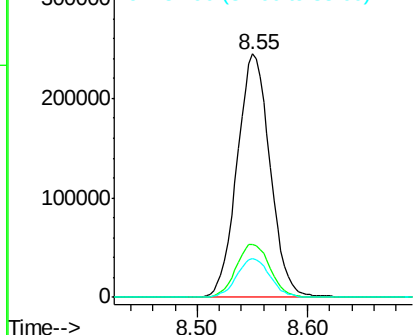
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064611.D
Acq: 13 Nov 2020 4:33

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#09

Tot Ion:114 Resp: 507262
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.6
88 15.9 0.0 32.8

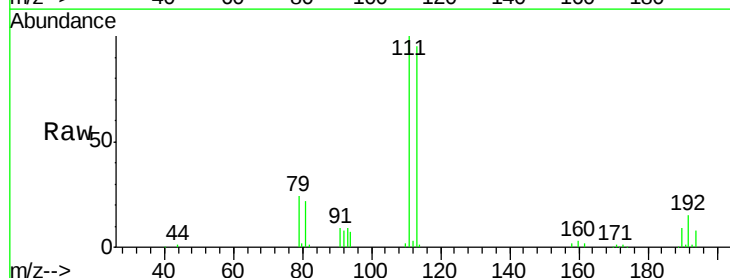


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

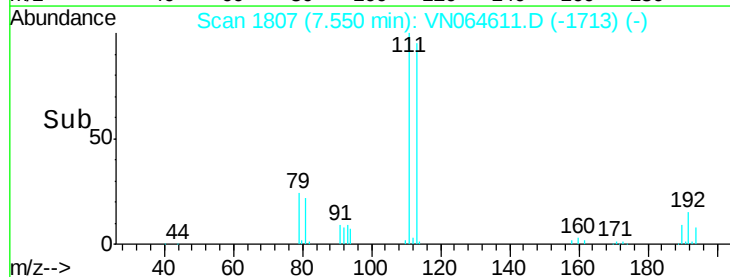
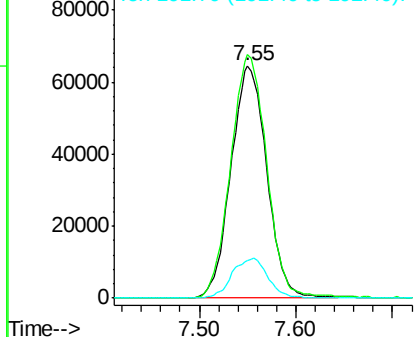


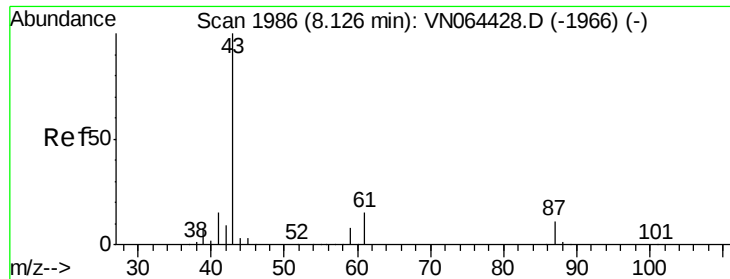
#35
Dibromofluoromethane
Concen: 48.093 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064611.D
Acq: 13 Nov 2020 4:33

Tgt Ion:113 Resp: 166103
Ion Ratio Lower Upper
113 100
111 105.1 81.1 121.7
192 16.9 12.8 19.2



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: 4.411 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064611.D

Acq: 13 Nov 2020 4:33

Instrument :

MSVOA_N

ClientSampleId :

PB132945ZHE#09

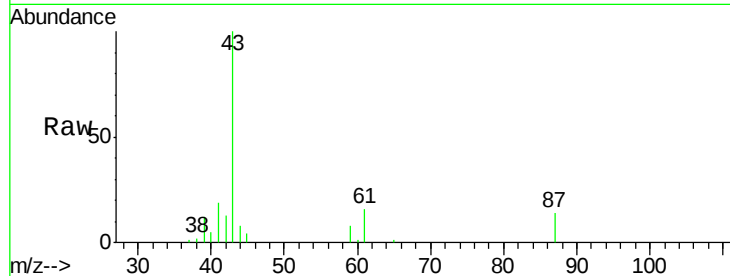
Tot Ion: 43 Resp: 38308

Ion Ratio Lower Upper

43 100

61 16.9 14.0 21.0

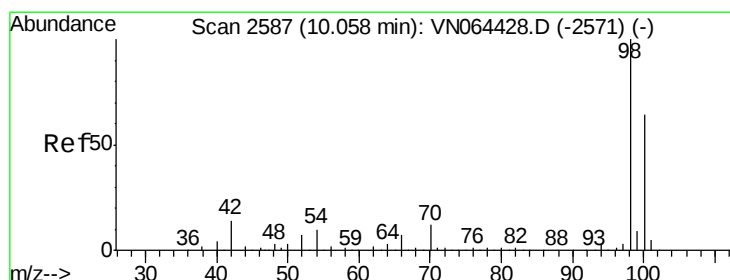
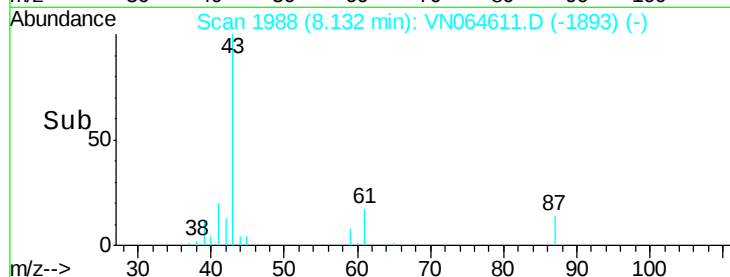
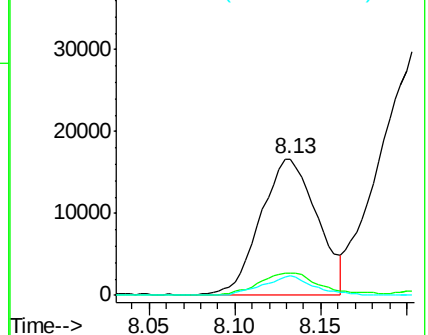
87 12.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#50

Toluene-d8

Concen: 49.058 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064611.D

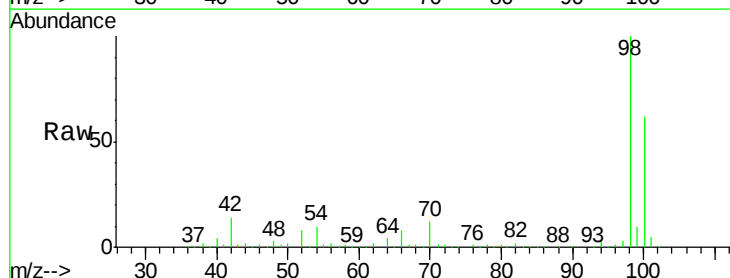
Acq: 13 Nov 2020 4:33

Tgt Ion: 98 Resp: 654867

Ion Ratio Lower Upper

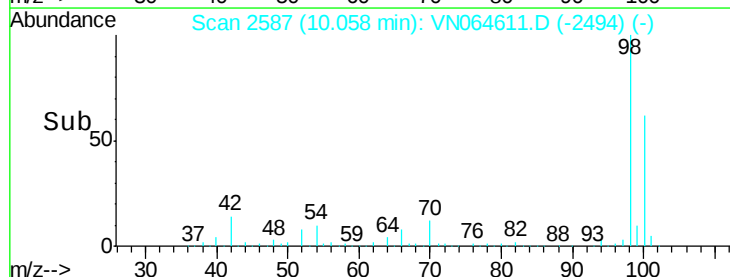
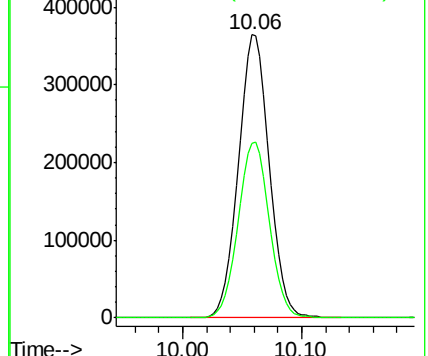
98 100

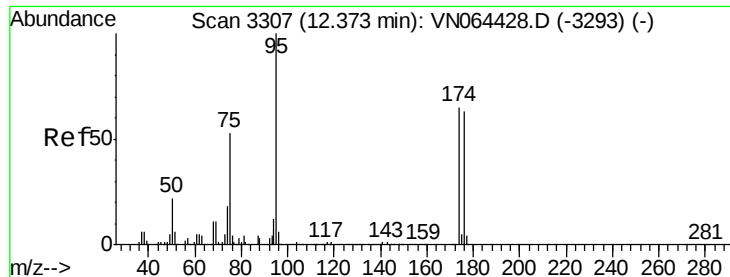
100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

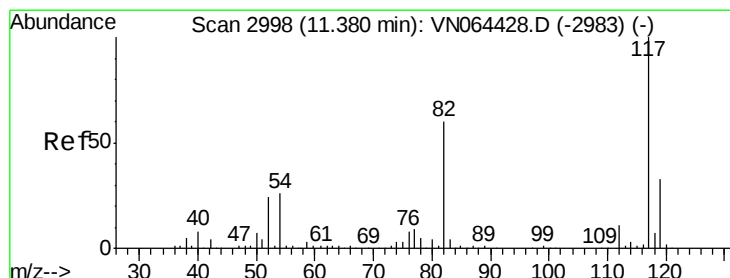
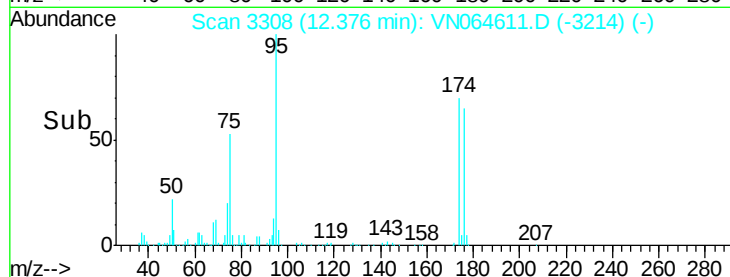
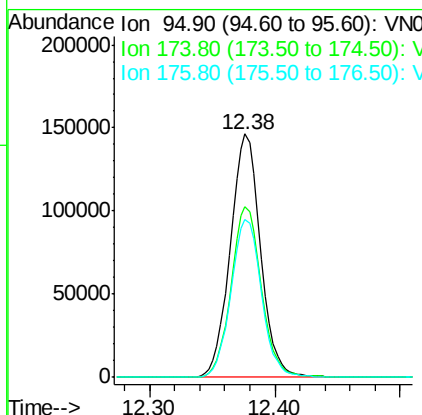
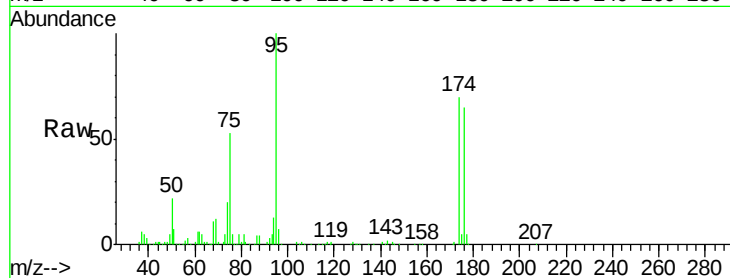




#62
4-Bromofluorobenzene
Concen: 48.487 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064611.D
Acq: 13 Nov 2020 4:33

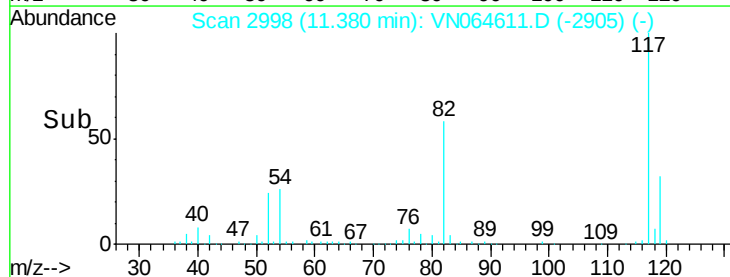
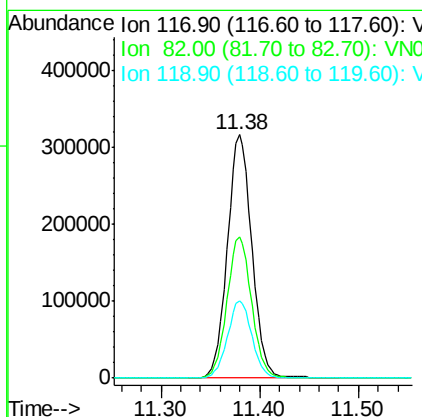
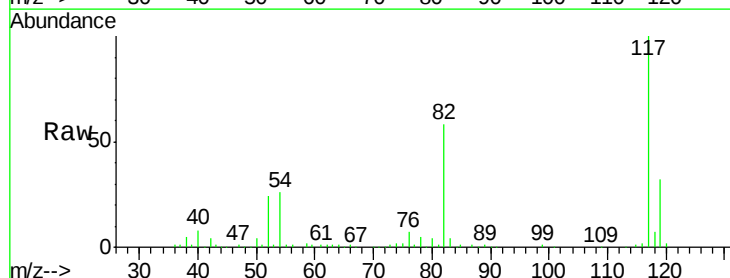
Instrument :
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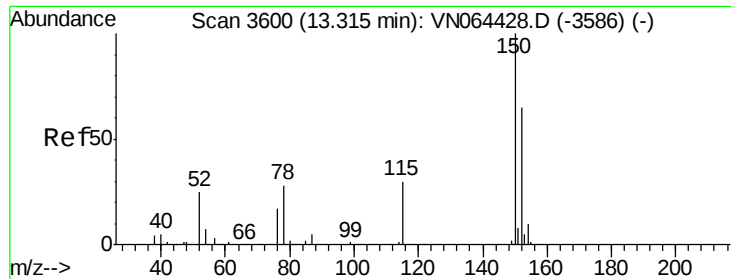
Tot Ion: 95 Resp: 244778
Ion Ratio Lower Upper
95 100
174 70.4 0.0 132.6
176 65.6 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064611.D
Acq: 13 Nov 2020 4:33

Tgt Ion: 117 Resp: 549699
Ion Ratio Lower Upper
117 100
82 58.2 48.1 72.1
119 31.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064611.D

Acq: 13 Nov 2020 4:33

Instrument :

MSVOA_N

ClientSampleId :

PB132945ZHE#09

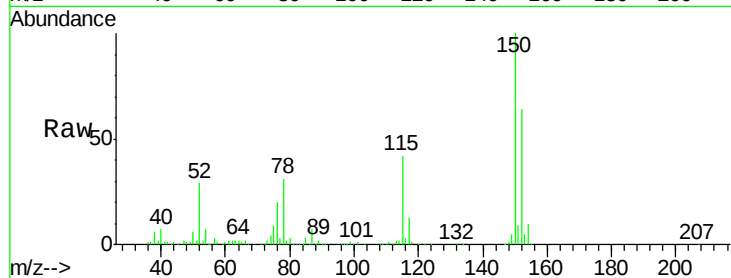
Tot Ion:152 Resp: 194245

Ion Ratio Lower Upper

152 100

115 64.1 32.0 96.0

150 156.4 0.0 353.8



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

