

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064449.D
 Acq On : 4 Nov 2020 20:27
 Operator : JC/MD
 Sample : PB132810ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132810ZHE#04

Quant Time: Nov 05 02:35:18 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

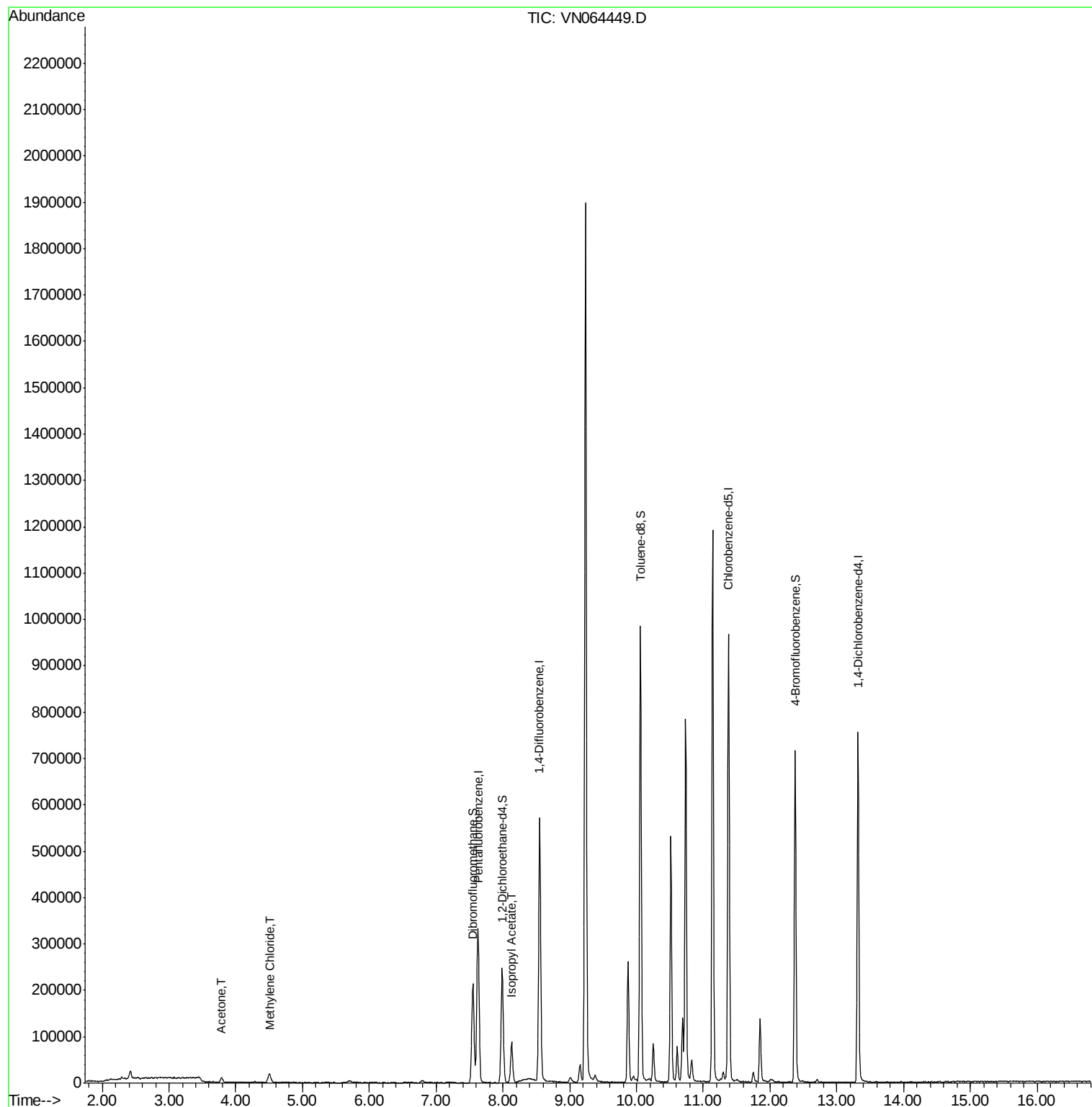
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	471248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	512194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	223369	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
35) Dibromofluoromethane	7.55	113	161179	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.06	98	635901	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.38	95	245772	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
Target Compounds						
16) Acetone	3.79	43	17083	10.853	ug/l	98
20) Methylene Chloride	4.51	84	12585	4.030	ug/l	95
43) Isopropyl Acetate	8.13	43	101865	12.626	ug/l	100

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

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QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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ClientSampleId :

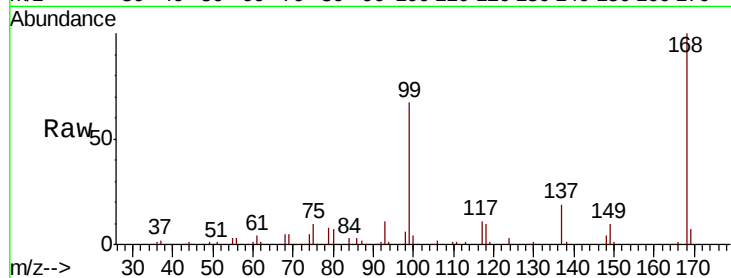
PB132810ZHE#04

Tot Ion:168 Resp: 237235

Ion Ratio Lower Upper

168 100

99 67.0 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

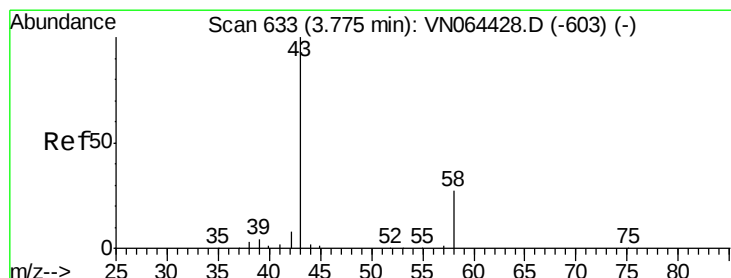
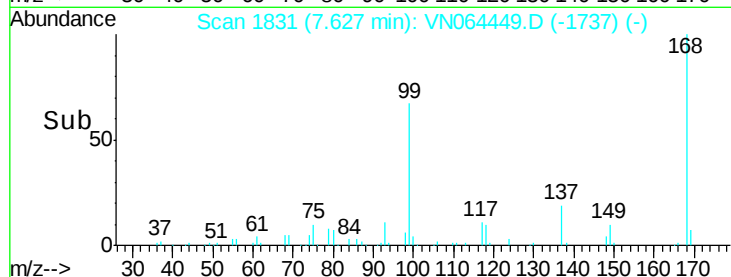
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.853 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064449.D

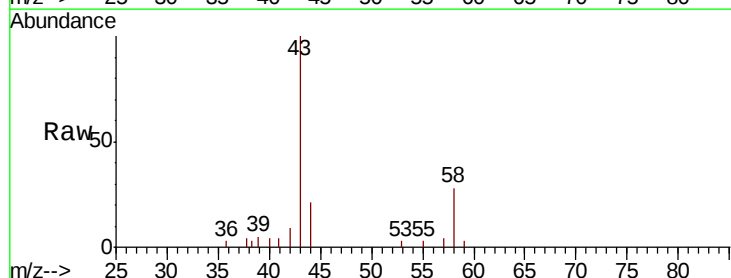
Acq: 4 Nov 2020 20:27

Tgt Ion: 43 Resp: 17083

Ion Ratio Lower Upper

43 100

58 27.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

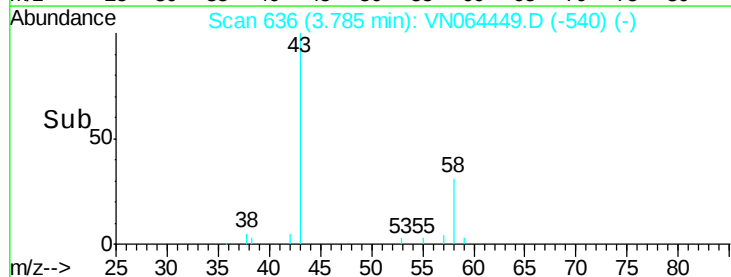
6000

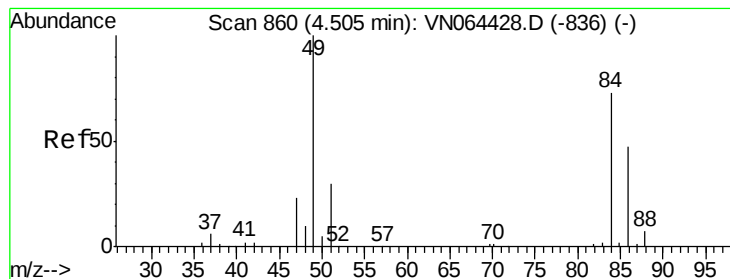
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 4.030 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.00 min

Lab File: VN064449.D

Acq: 4 Nov 2020 20:27

Instrument :

MSVOA_N

ClientSampleId :

PB132810ZHE#04

Tot Ion: 84 Resp: 12585

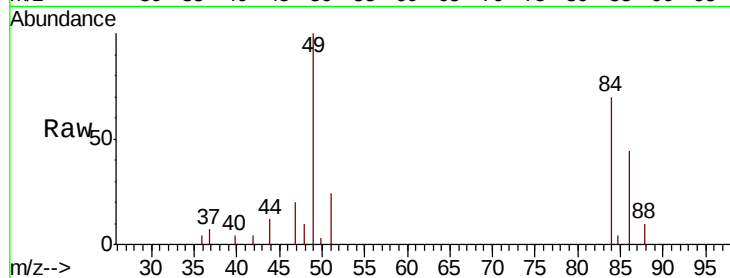
Ion Ratio Lower Upper

84 100

49 142.5 110.1 165.1

51 33.6 33.6 50.4

86 63.0 52.1 78.1

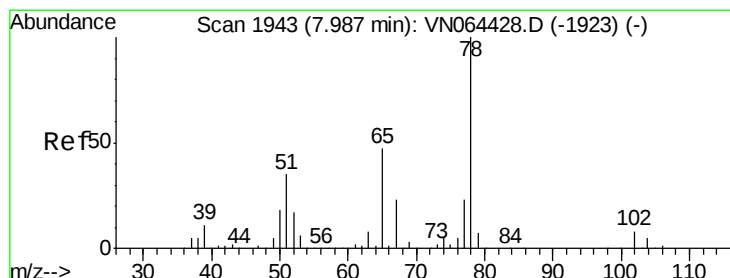
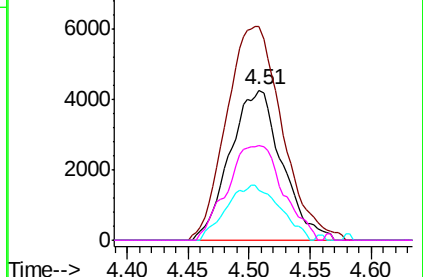
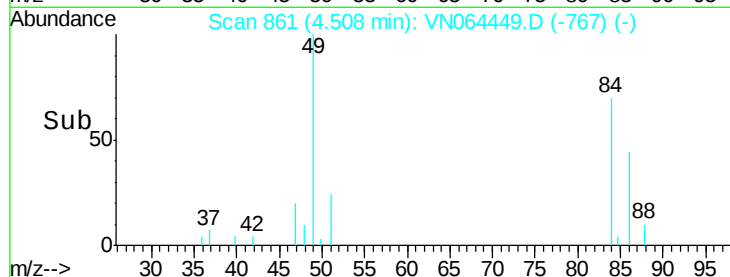


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.055 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064449.D

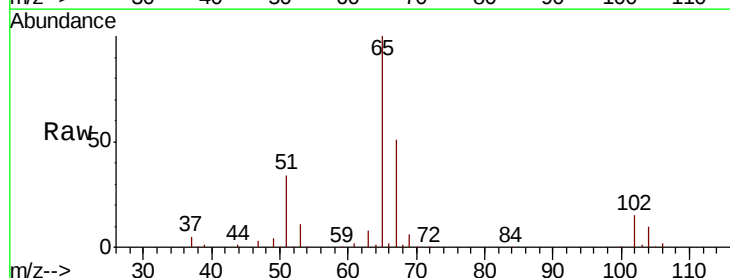
Acq: 4 Nov 2020 20:27

Tgt Ion: 65 Resp: 223369

Ion Ratio Lower Upper

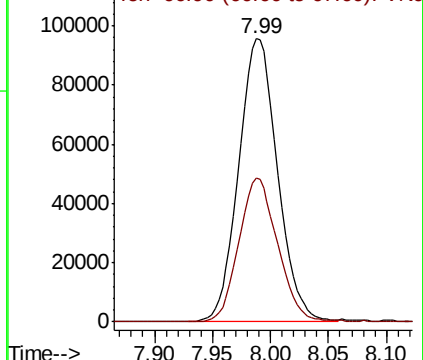
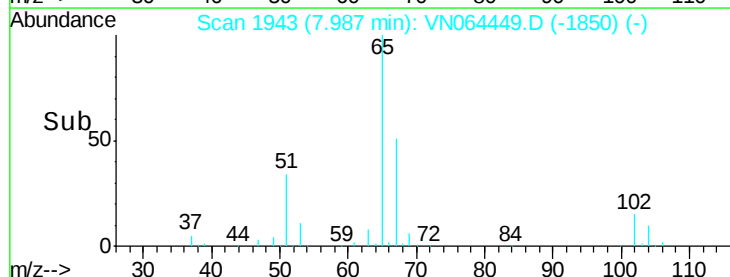
65 100

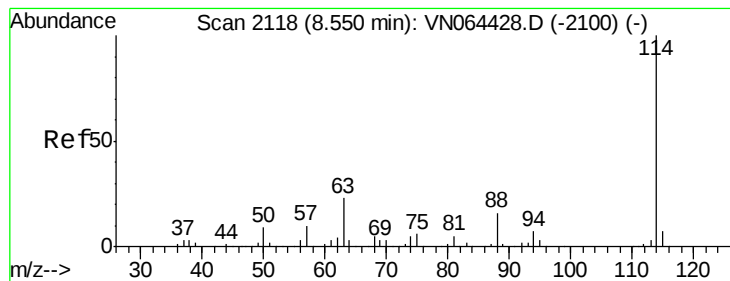
67 50.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064449.D

Acq: 4 Nov 2020 20:27

Instrument :

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ClientSampleId :

PB132810ZHE#04

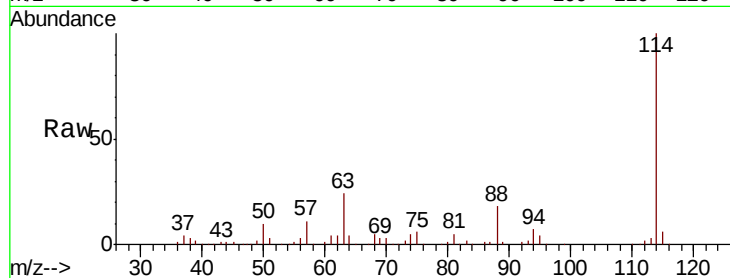
Tot Ion:114 Resp: 471248

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.6

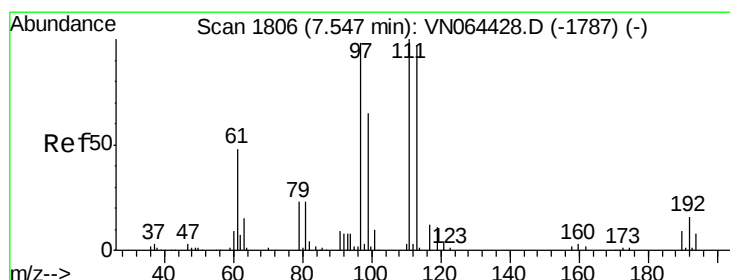
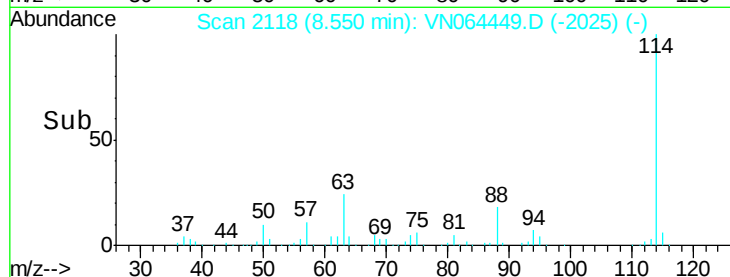
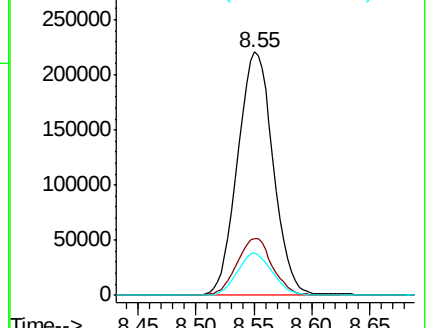
88 17.5 0.0 32.8



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: 50.234 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064449.D

Acq: 4 Nov 2020 20:27

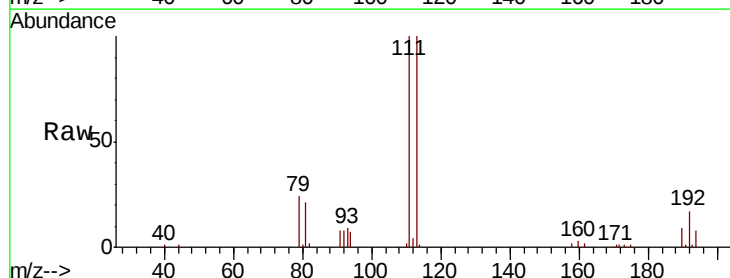
Tgt Ion:113 Resp: 161179

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

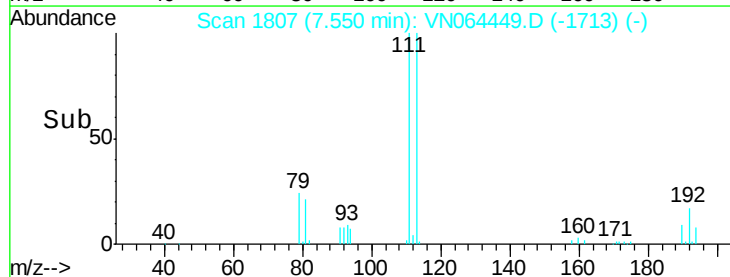
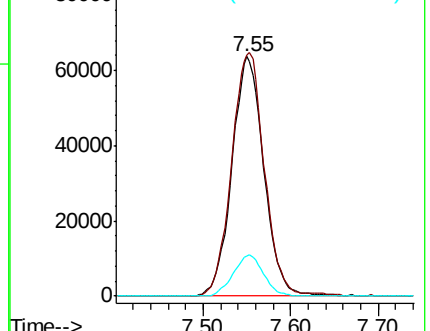
192 16.2 12.8 19.2

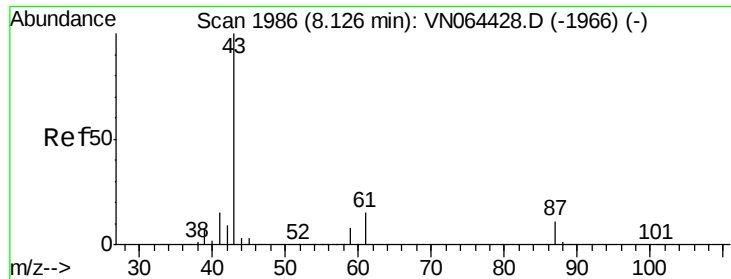


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.626 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064449.D

Acq: 4 Nov 2020 20:27

Instrument :

MSVOA_N

ClientSampleId :

PB132810ZHE#04

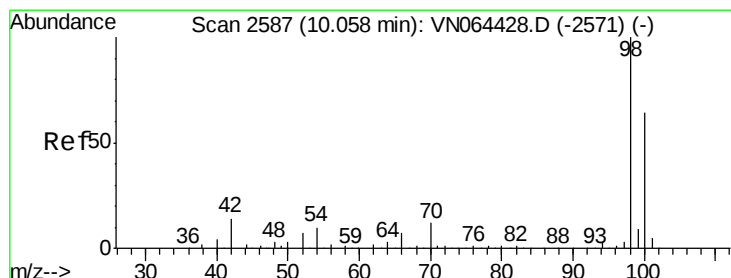
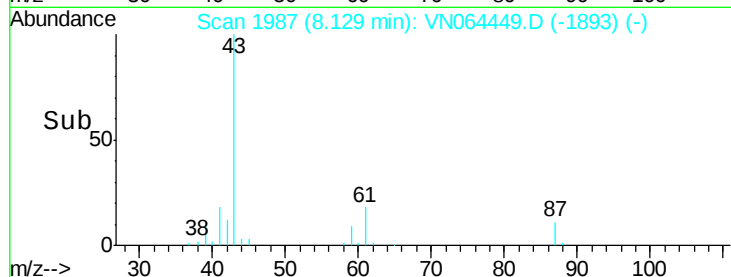
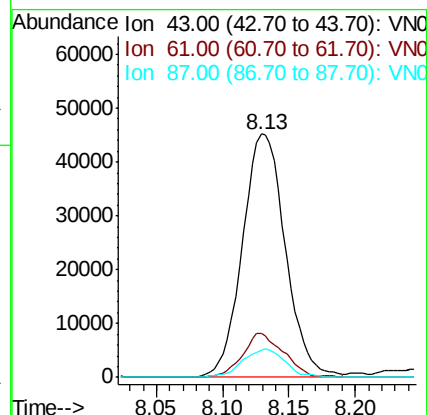
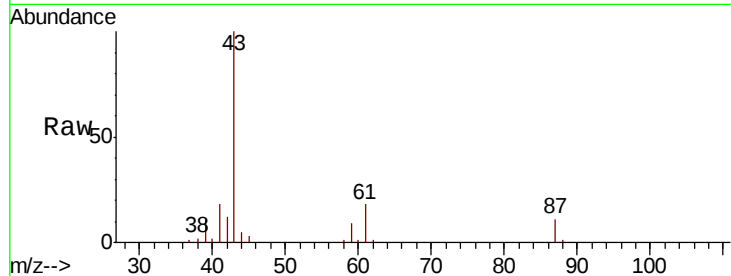
Tot Ion: 43 Resp: 101865

Ion Ratio Lower Upper

43 100

61 17.2 14.0 21.0

87 11.5 9.1 13.7



#50

Toluene-d8

Concen: 51.278 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064449.D

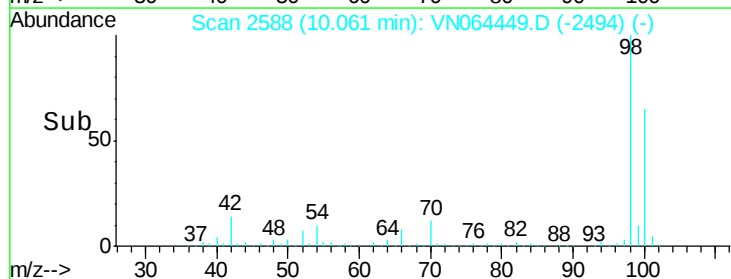
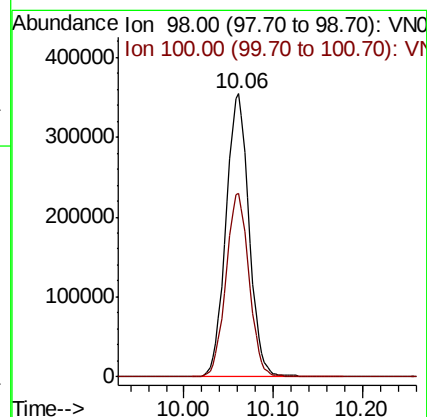
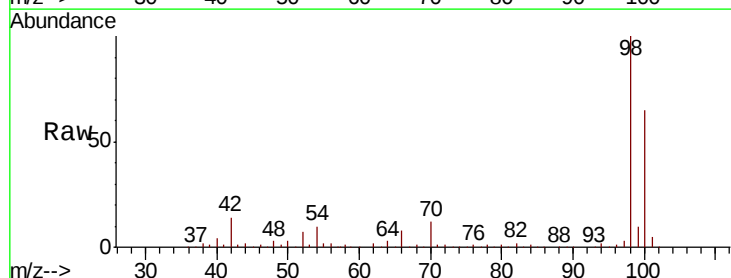
Acq: 4 Nov 2020 20:27

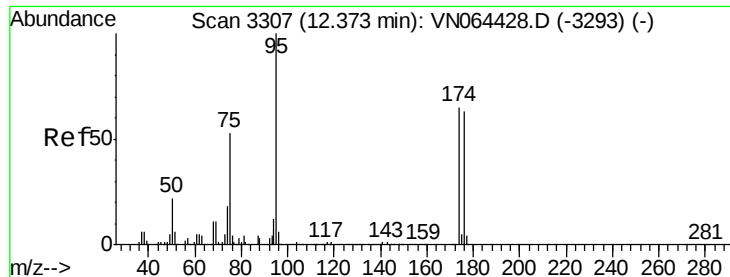
Tgt Ion: 98 Resp: 635901

Ion Ratio Lower Upper

98 100

100 64.7 50.7 76.1

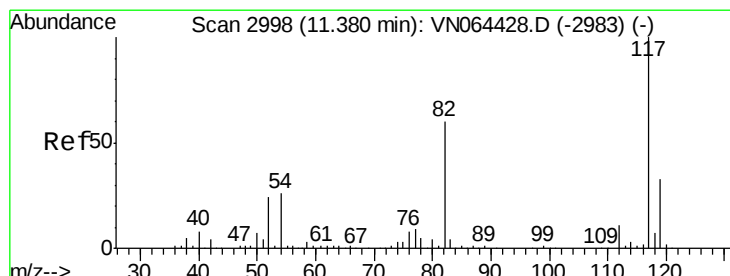
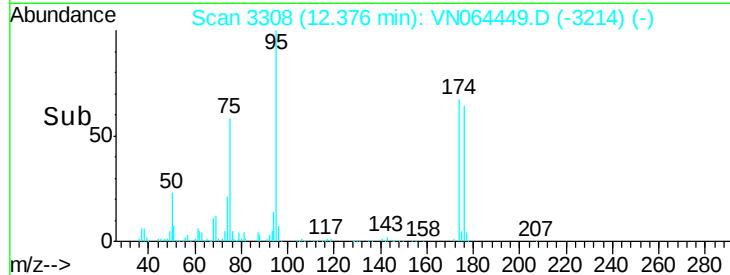
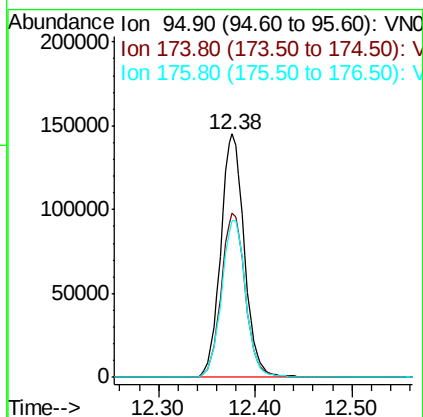
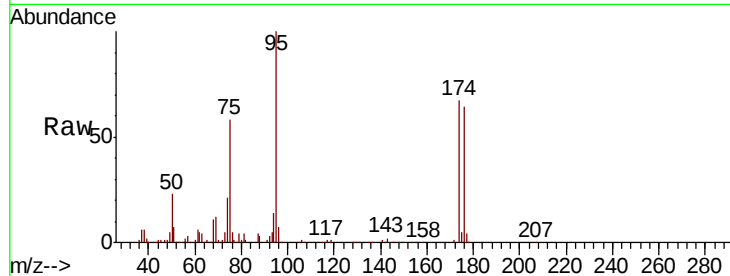




#62
4-Bromofluorobenzene
Concen: 52.404 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064449.D
Acq: 4 Nov 2020 20:27

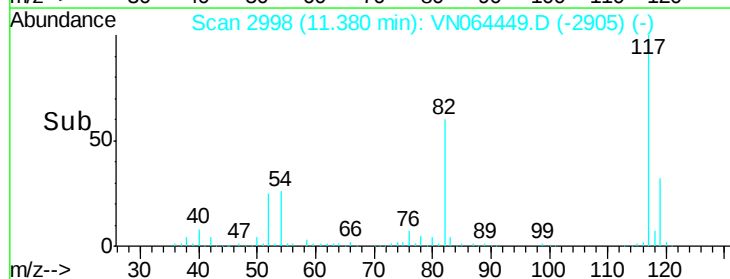
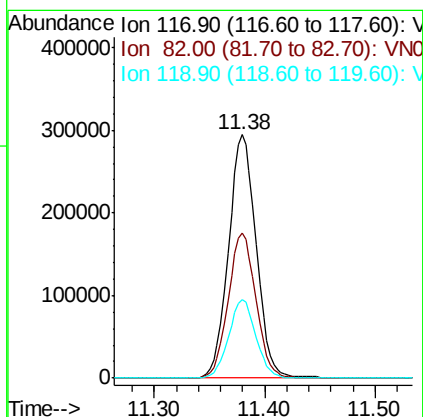
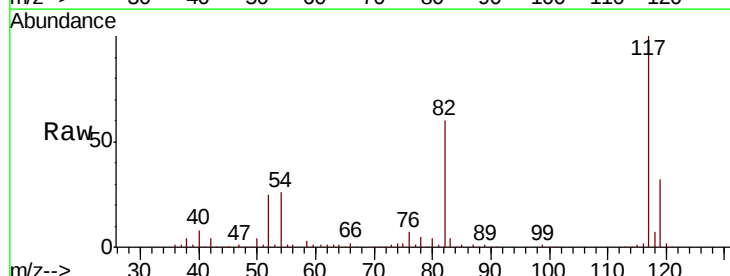
Instrument :
MSVOA_N
ClientSampleId :
PB132810ZHE#04

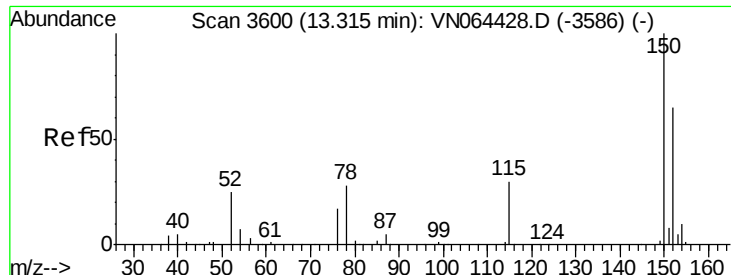
Tot Ion: 95 Resp: 245772
Ion Ratio Lower Upper
95 100
174 68.6 0.0 132.6
176 65.9 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064449.D
Acq: 4 Nov 2020 20:27

Tgt Ion: 117 Resp: 512194
Ion Ratio Lower Upper
117 100
82 59.7 48.1 72.1
119 32.3 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: VN064449.D

Acq: 4 Nov 2020 20:27

Instrument :

MSVOA_N

ClientSampleId :

PB132810ZHE#04

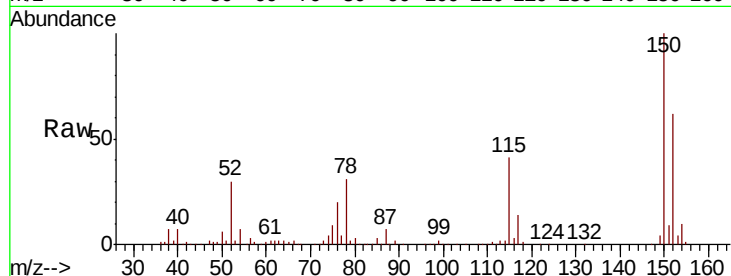
Tot Ion:152 Resp: 182040

Ion Ratio Lower Upper

152 100

115 66.1 32.0 96.0

150 160.9 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

