

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064457.D
 Acq On : 5 Nov 2020 13:40
 Operator : JC/MD
 Sample : PB132824ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132824ZHE#14

Quant Time: Nov 06 03:10:02 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

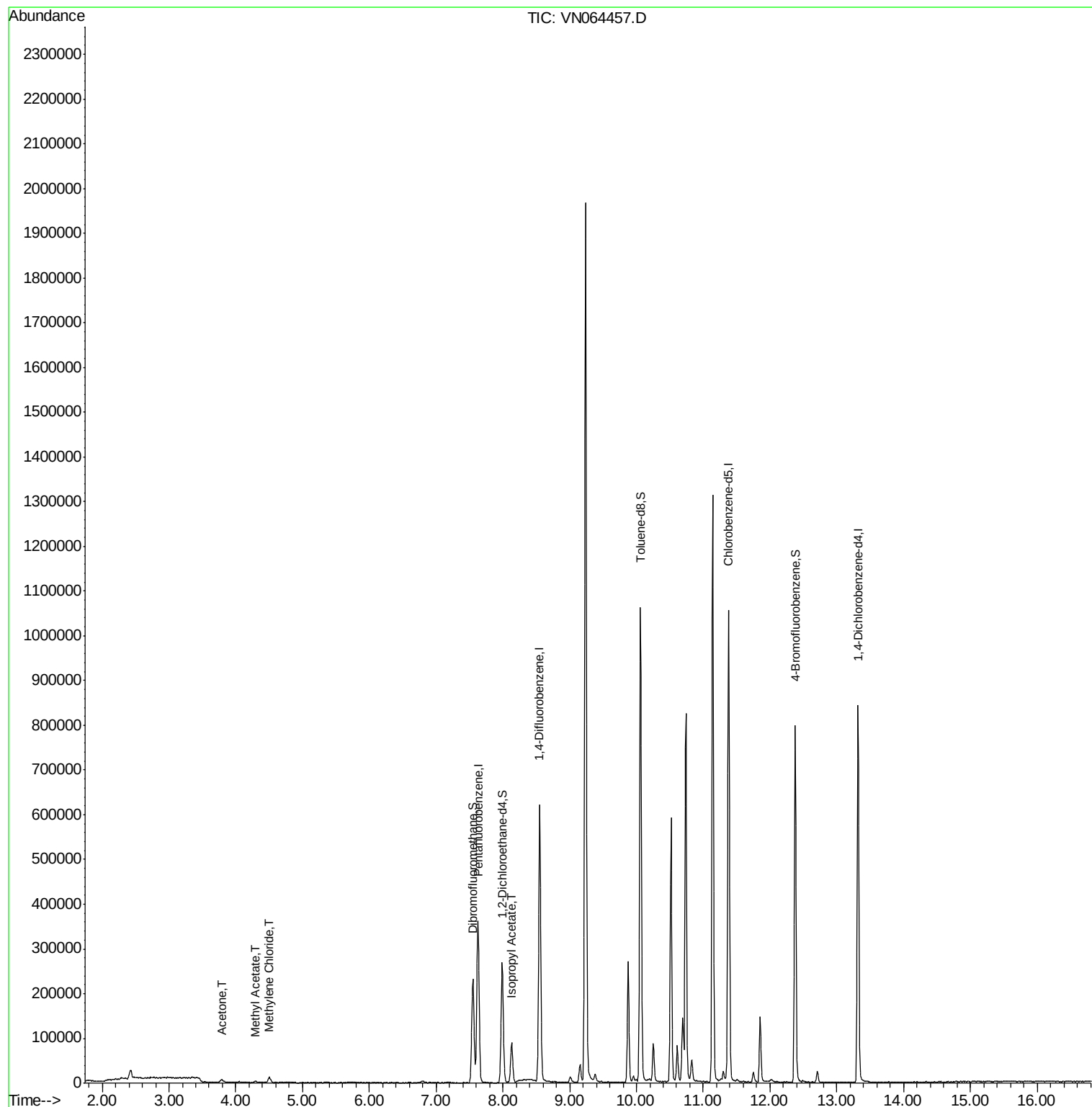
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	256890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	514812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	564254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	244644	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
35) Dibromofluoromethane	7.55	113	176031	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.06	98	698435	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.38	95	270231	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
Target Compounds						
16) Acetone	3.78	43	12214	7.166	ug/l	92
18) Methyl Acetate	4.30	43	4853	1.448	ug/l #	73
20) Methylene Chloride	4.50	84	7700	2.277	ug/l #	93
43) Isopropyl Acetate	8.13	43	107978	12.251	ug/l	99

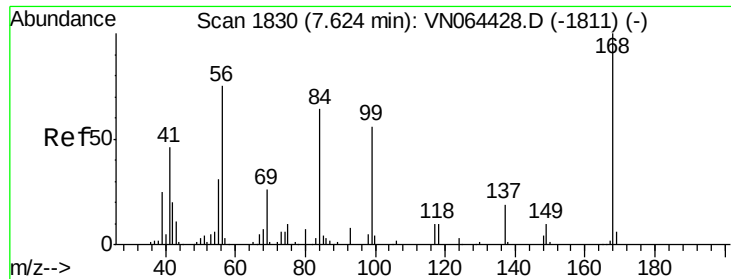
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110520\
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Quant Title : SW846 8260
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

Lab File: VN064457.D

Acq: 5 Nov 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

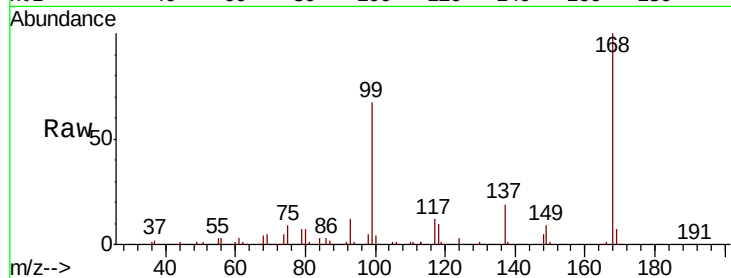
PB132824ZHE#14

Tot Ion:168 Resp: 256890

Ion Ratio Lower Upper

168 100

99 66.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

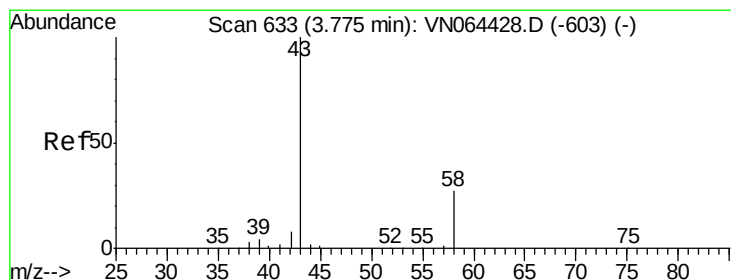
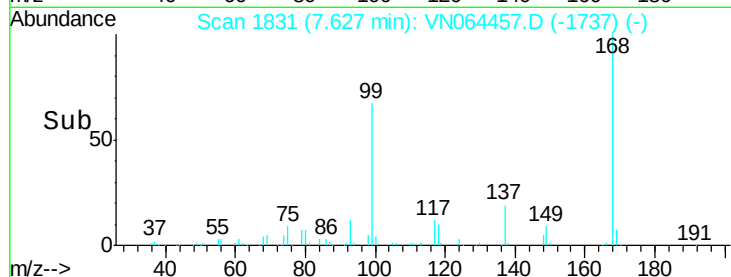
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 7.166 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064457.D

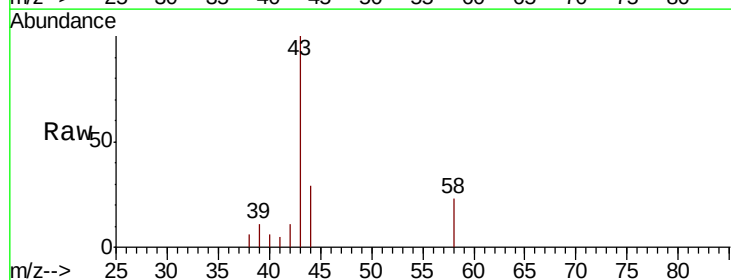
Acq: 5 Nov 2020 13:40

Tgt Ion: 43 Resp: 12214

Ion Ratio Lower Upper

43 100

58 22.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

4000

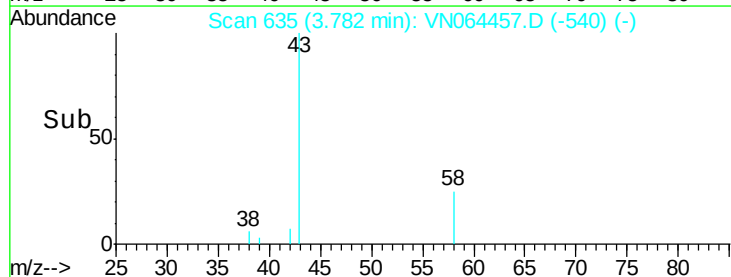
3000

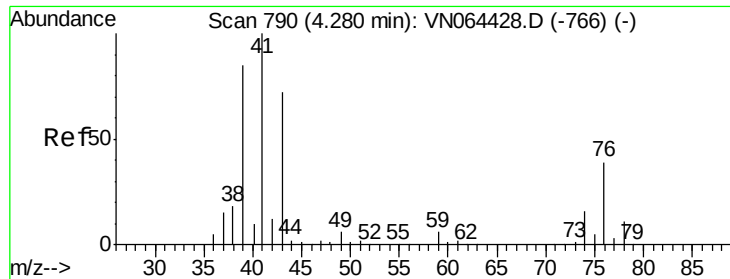
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

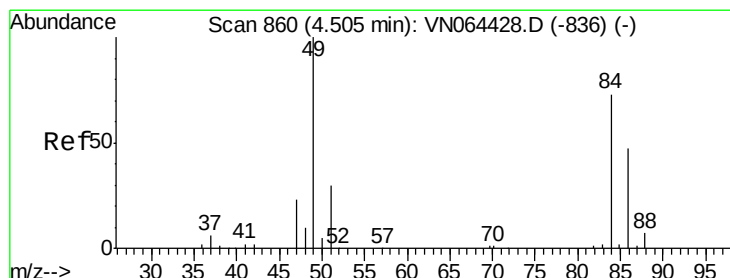
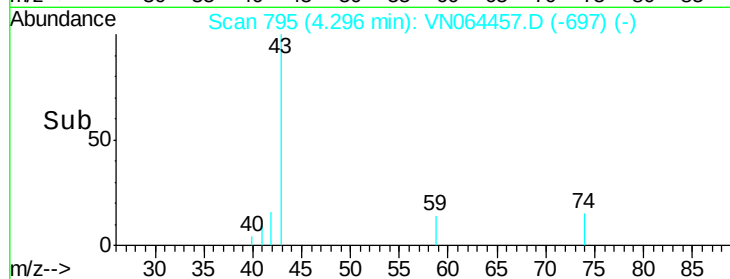
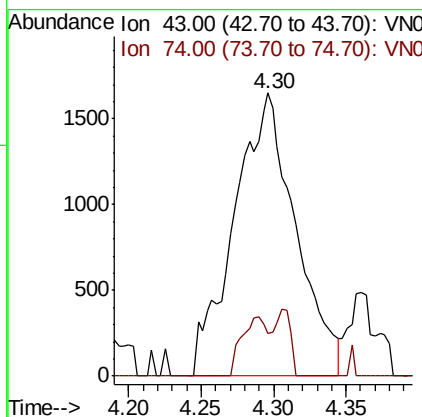
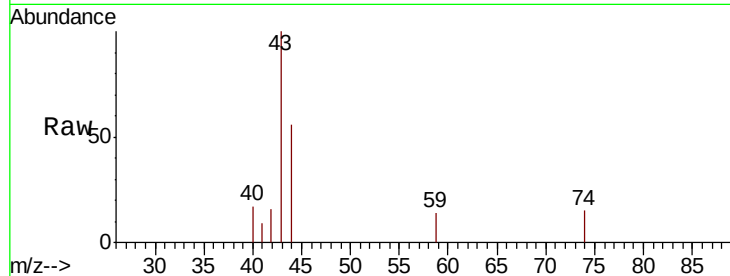




#18
Methyl Acetate
Concen: 1.448 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN064457.D
Acq: 5 Nov 2020 13:40

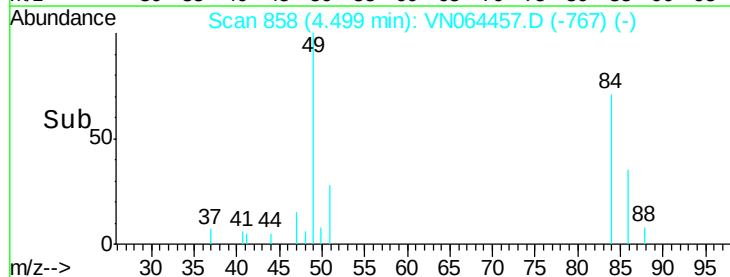
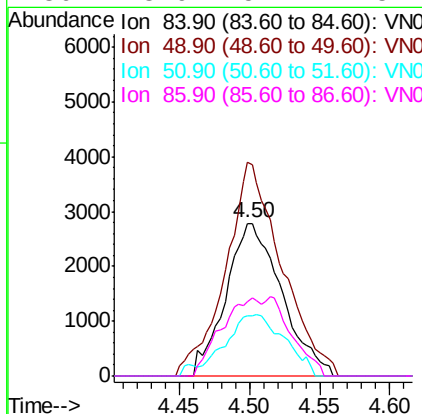
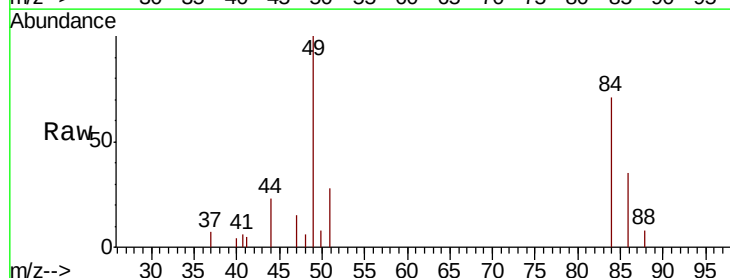
Instrument :
MSVOA_N
ClientSampleId :
PB132824ZHE#14

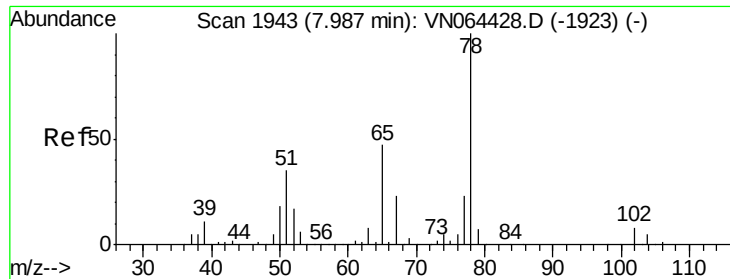
Tot Ion: 43 Resp: 4853
Ion Ratio Lower Upper
43 100
74 8.6 17.0 25.4#



#20
Methylene Chloride
Concen: 2.277 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064457.D
Acq: 5 Nov 2020 13:40

Tgt Ion: 84 Resp: 7700
Ion Ratio Lower Upper
84 100
49 139.9 110.1 165.1
51 39.0 33.6 50.4
86 48.9 52.1 78.1#

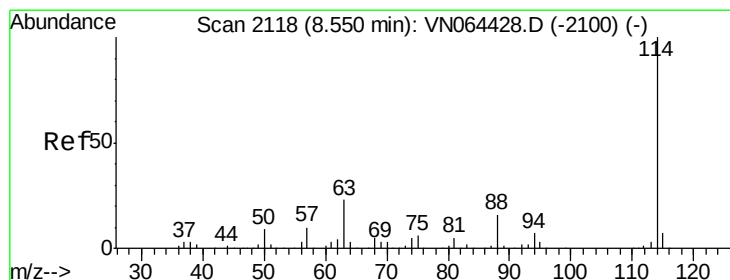
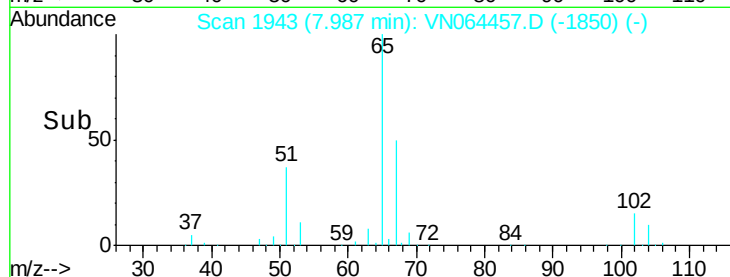
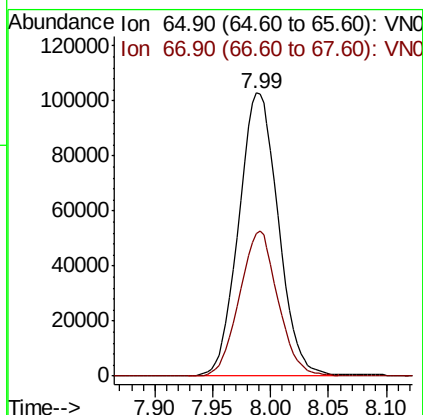
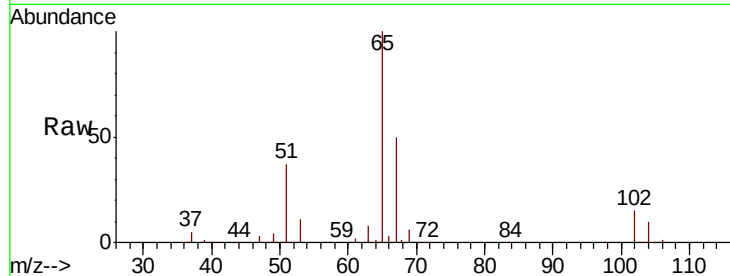




#33
 1,2-Dichloroethane-d4
 Concen: 54.674 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064457.D
 Acq: 5 Nov 2020 13:40

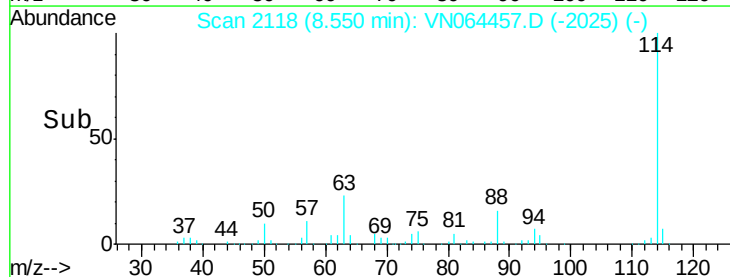
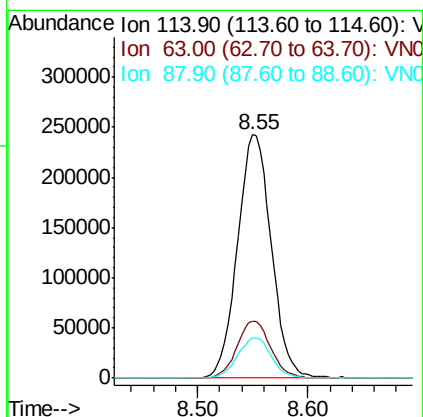
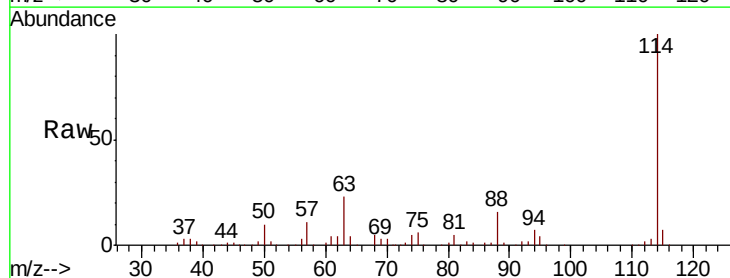
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132824ZHE#14

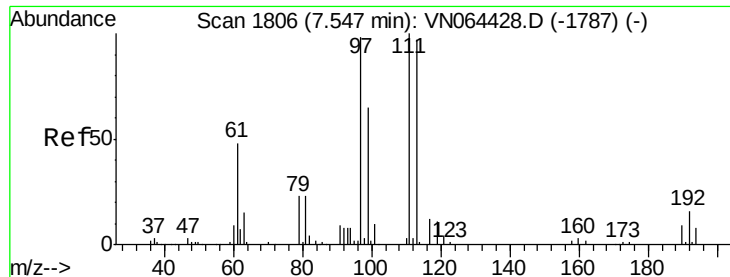
Tot Ion: 65 Resp: 244644
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064457.D
 Acq: 5 Nov 2020 13:40

Tgt Ion: 114 Resp: 514812
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 16.4 0.0 32.8

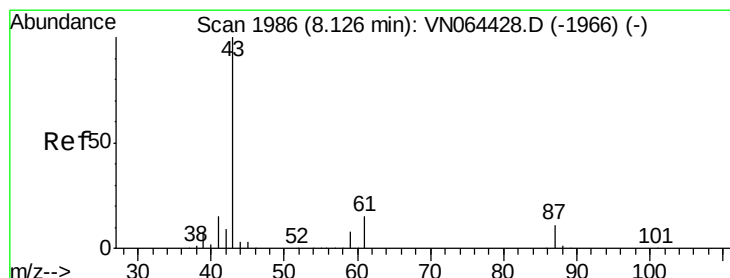
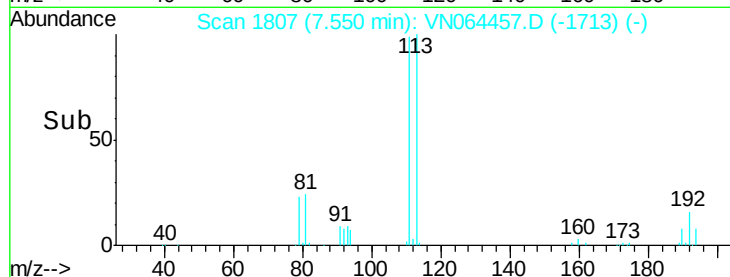
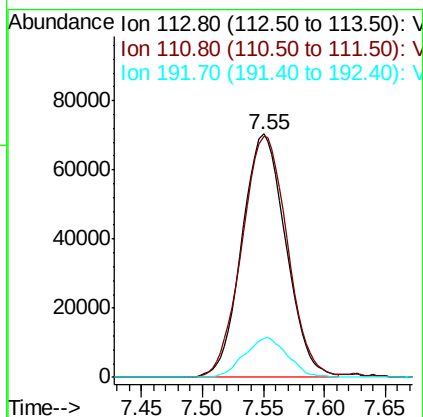
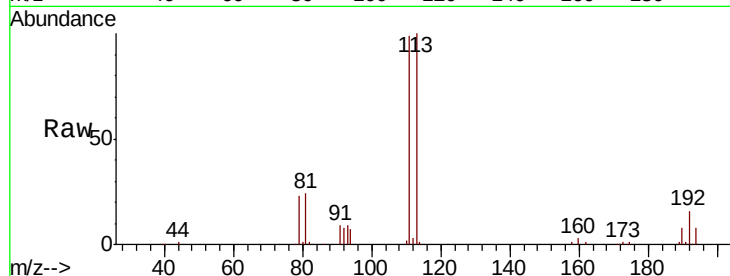




#35
 Dibromofluoromethane
 Concen: 50.221 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064457.D
 Acq: 5 Nov 2020 13:40

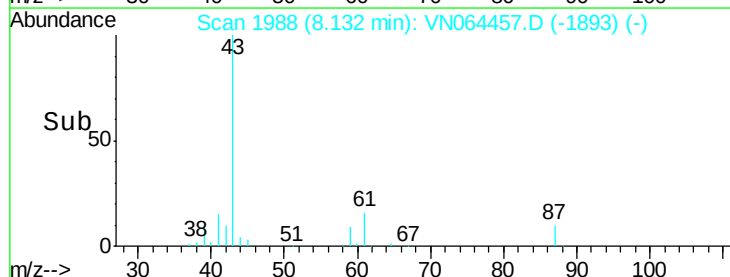
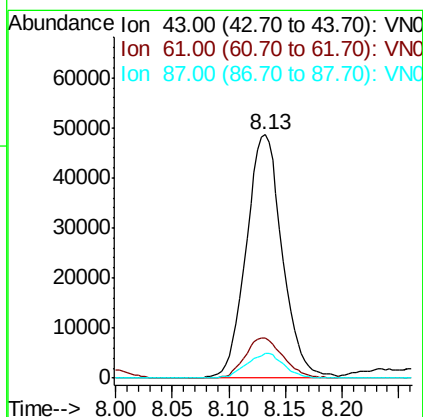
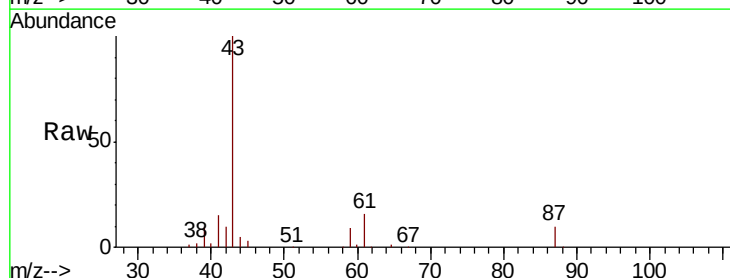
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132824ZHE#14

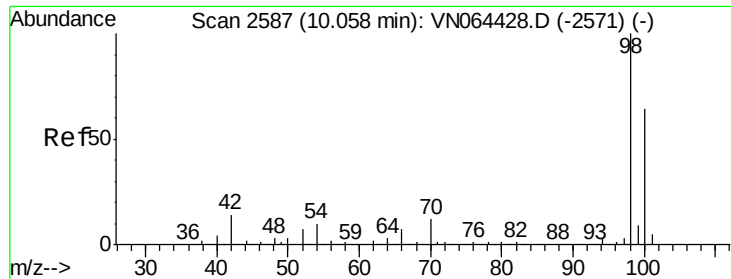
Tot Ion:113 Resp: 176031
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.1 121.7
 192 16.0 12.8 19.2



#43
 Isopropyl Acetate
 Concen: 12.251 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064457.D
 Acq: 5 Nov 2020 13:40

Tgt Ion: 43 Resp: 107978
 Ion Ratio Lower Upper
 43 100
 61 17.2 14.0 21.0
 87 10.4 9.1 13.7





#50

Toluene-d8

Concen: 51.555 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064457.D

Acq: 5 Nov 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

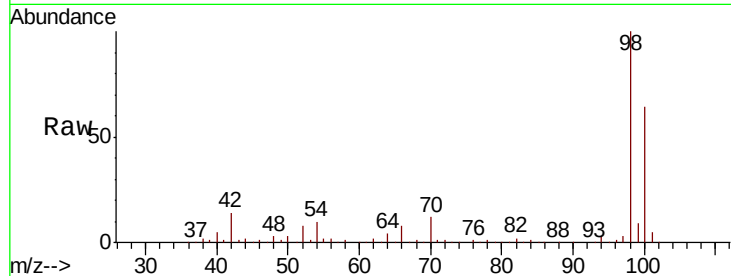
PB132824ZHE#14

Tot Ion: 98 Resp: 698435

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

400000

300000

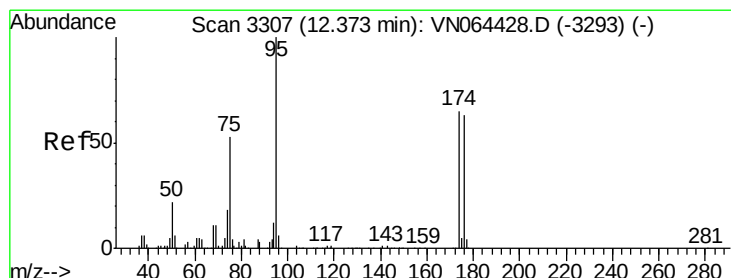
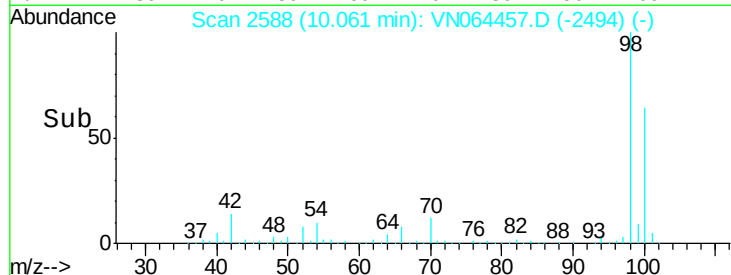
200000

100000

0

Time-->

10.00 10.10



#62

4-Bromofluorobenzene

Concen: 52.744 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064457.D

Acq: 5 Nov 2020 13:40

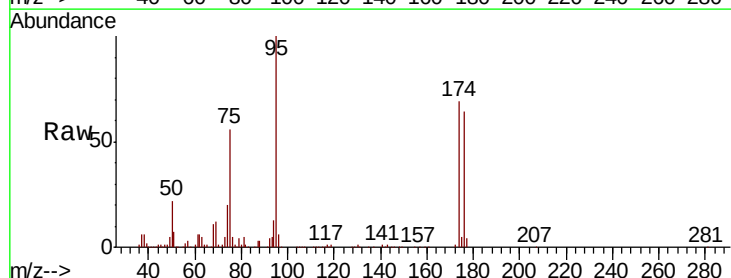
Tgt Ion: 95 Resp: 270231

Ion Ratio Lower Upper

95 100

174 70.0 0.0 132.6

176 65.5 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

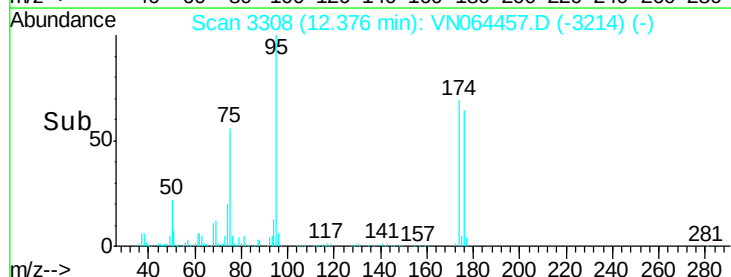
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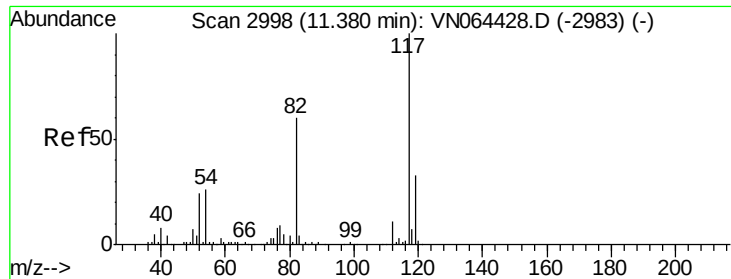
50000

0

Time-->

12.30 12.40

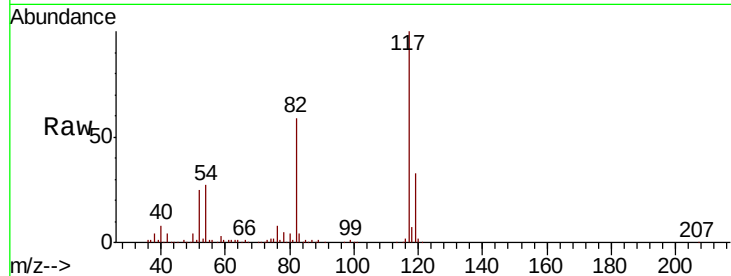




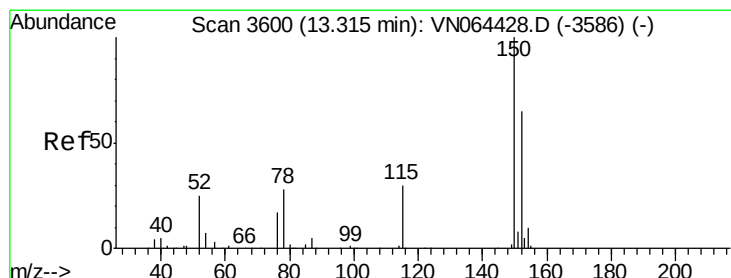
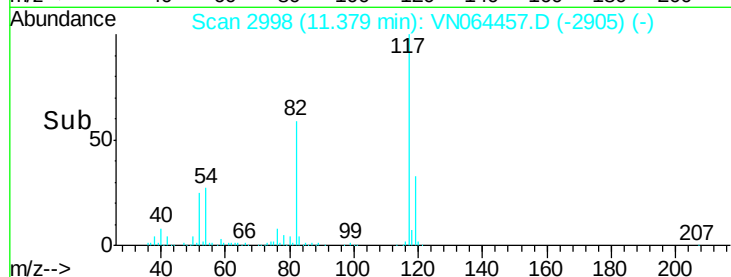
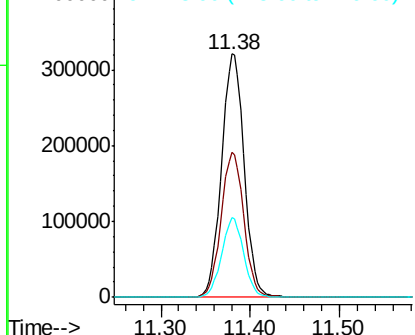
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064457.D
Acq: 5 Nov 2020 13:40

Instrument :
MSVOA_N
ClientSampleId :
PB132824ZHE#14

Tot Ion:117 Resp: 564254
Ion Ratio Lower Upper
117 100
82 59.4 48.1 72.1
119 32.6 26.2 39.4

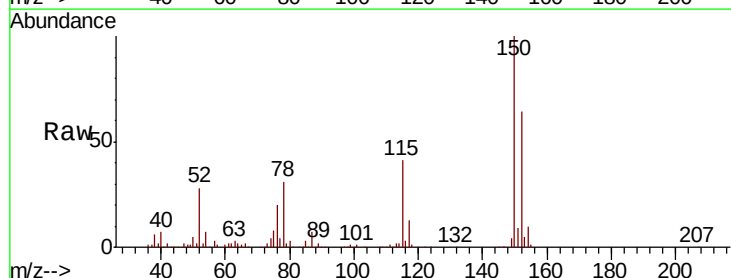


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064457.D
Acq: 5 Nov 2020 13:40

Tgt Ion:152 Resp: 209123
Ion Ratio Lower Upper
152 100
115 64.9 32.0 96.0
150 157.4 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

