

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064971.D
 Acq On : 8 Dec 2020 15:49
 Operator : JC/MD
 Sample : PB133456ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#08

Quant Time: Dec 09 07:18:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	169084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	333679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140817	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108329	55.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	110.22%		
35) Dibromofluoromethane	7.55	113	99336	52.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.84%		
50) Toluene-d8	10.06	98	398319	51.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.88%		
62) 4-Bromofluorobenzene	12.38	95	150431	54.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.56%		

Target Compounds

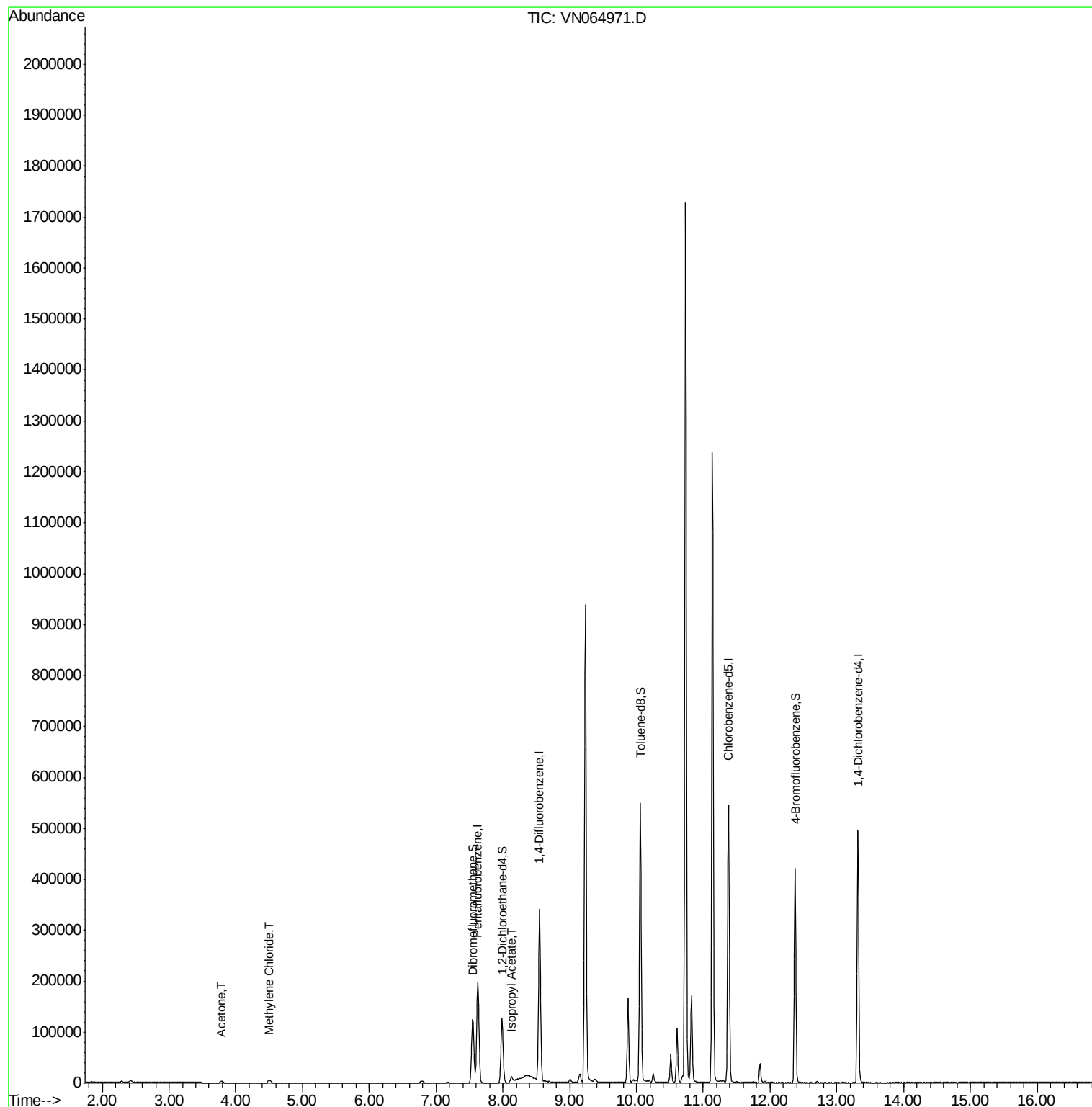
					Qvalue	
16) Acetone	3.78	43	5755	8.906	ug/l #	85
20) Methylene Chloride	4.50	84	5022	2.480	ug/l #	84
43) Isopropyl Acetate	8.13	43	17151	3.769	ug/l	94

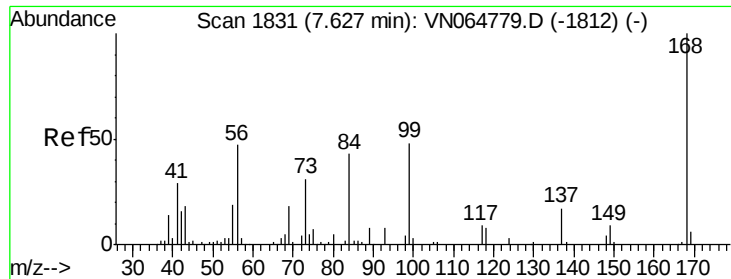
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120820\
Data File : VN064971.D
Acq On : 8 Dec 2020 15:49
Operator : JC/MD
Sample : PB133456ZHE#08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#08

Quant Time: Dec 09 07:18:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 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: VN064971.D

Acq: 8 Dec 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

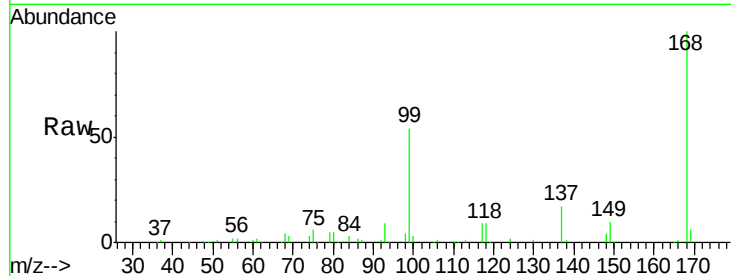
PB133456ZHE#08

Tot Ion:168 Resp: 169084

Ion Ratio Lower Upper

168 100

99 54.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064971.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064971.D (-1738) (-)

7.63

60000

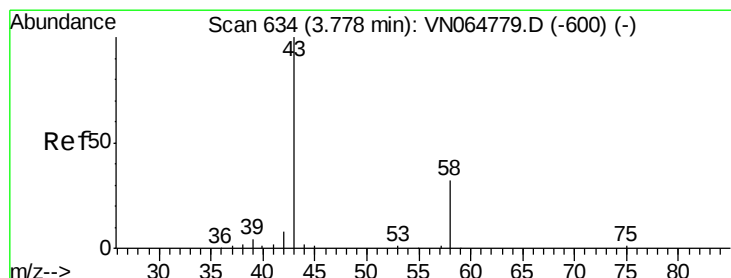
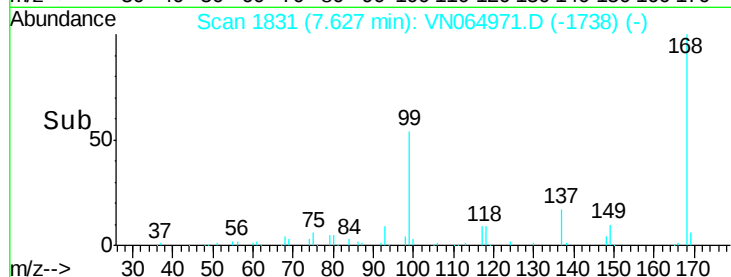
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 8.906 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064971.D

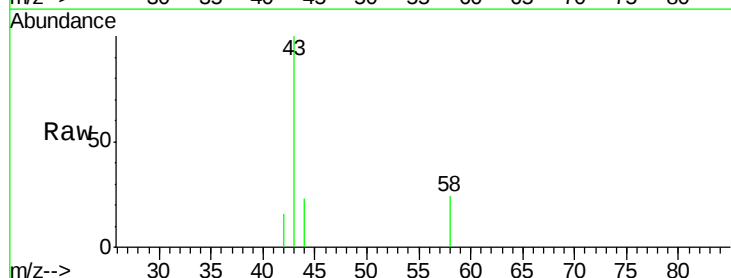
Acq: 8 Dec 2020 15:49

Tgt Ion: 43 Resp: 5755

Ion Ratio Lower Upper

43 100

58 23.8 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN064971.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064971.D (-541) (-)

3.78

2500

2000

1500

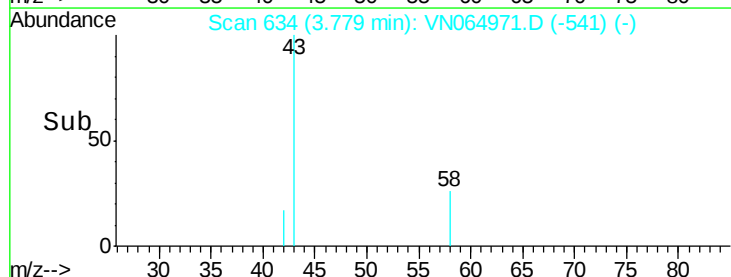
1000

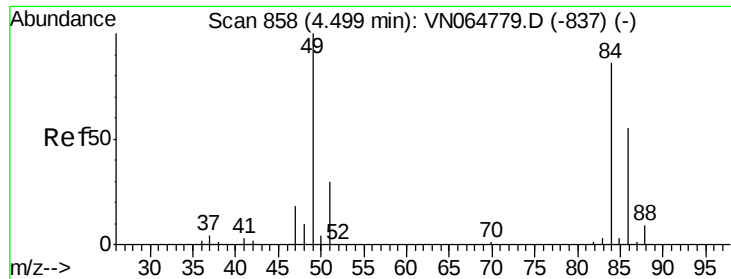
500

0

3.70 3.75 3.80 3.85

Time-->

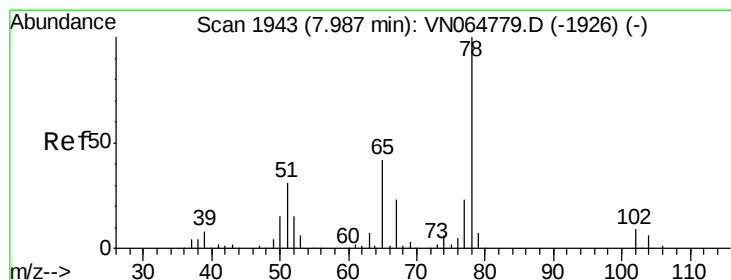
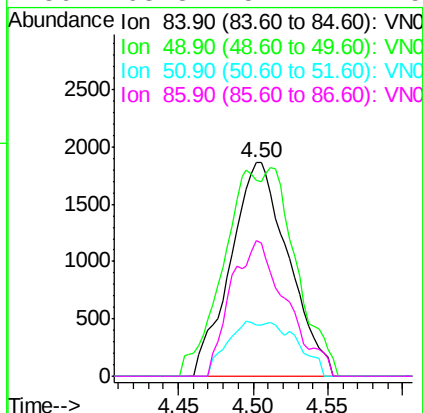
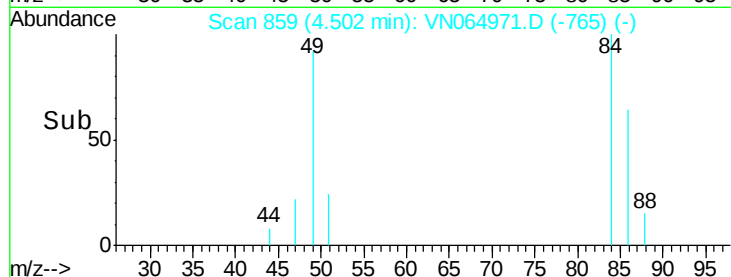
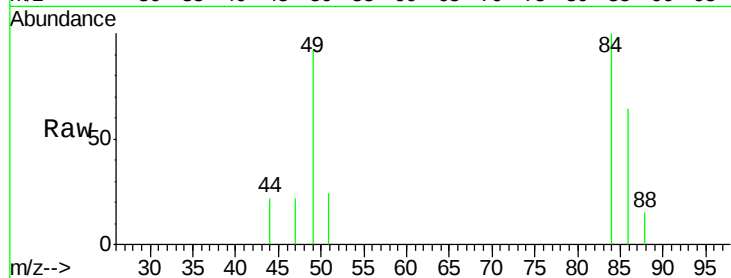




#20
Methvlene Chloride
Concen: 2.480 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064971.D
Acq: 8 Dec 2020 15:49

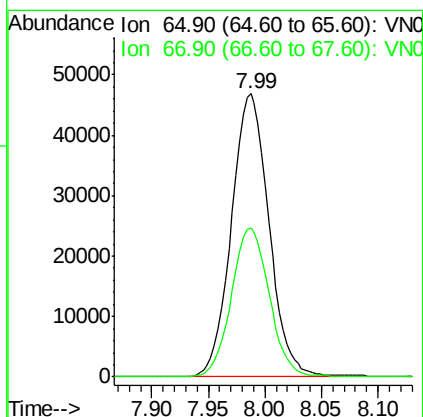
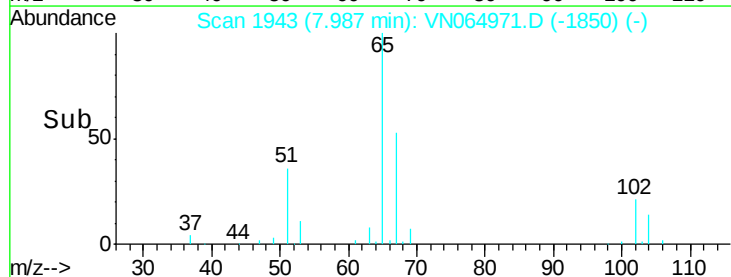
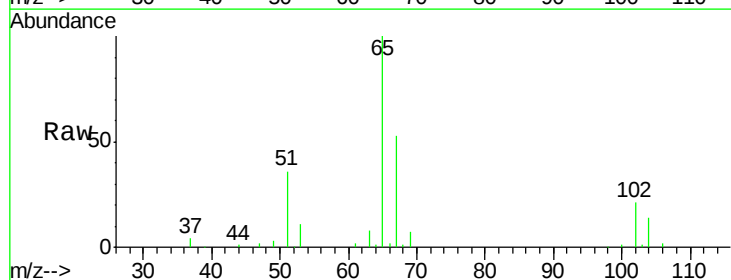
Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#08

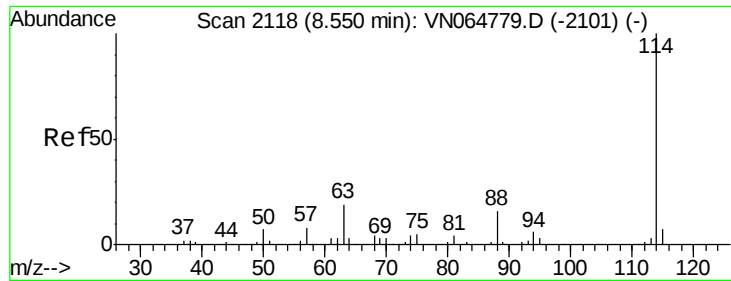
Tot Ion: 84 Resp: 5022
Ion Ratio Lower Upper
84 100
49 91.7 93.4 140.0#
51 24.2 28.2 42.4#
86 63.8 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 55.109 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064971.D
Acq: 8 Dec 2020 15:49

Tgt Ion: 65 Resp: 108329
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2

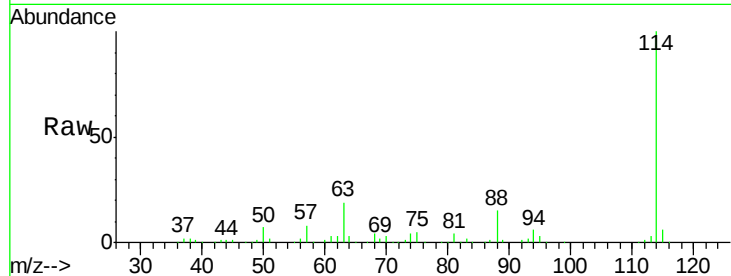




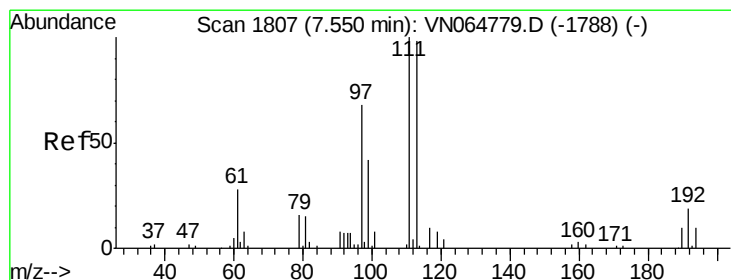
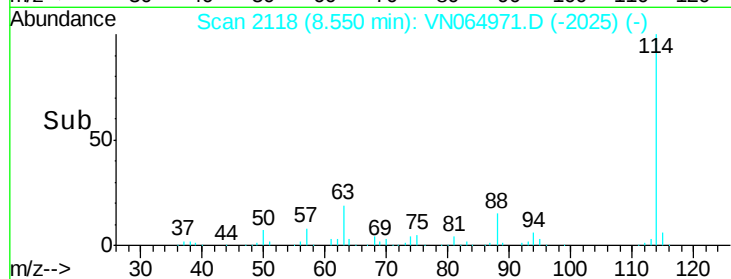
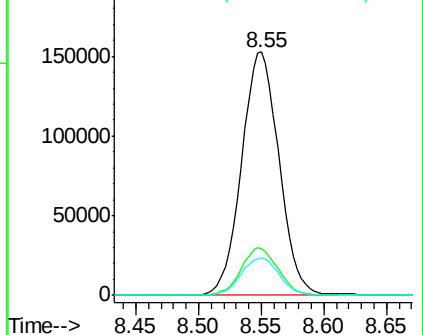
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064971.D
 Acq: 8 Dec 2020 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#08

Tot Ion:114 Resp: 316716
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.2 0.0 32.6

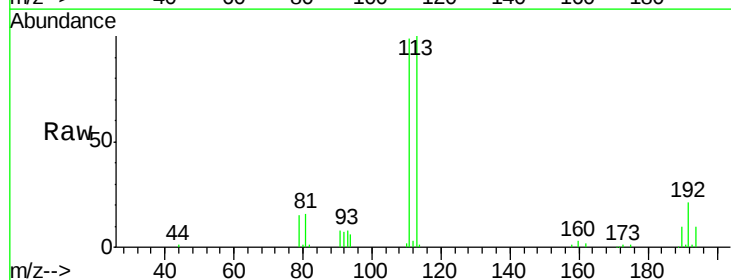


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

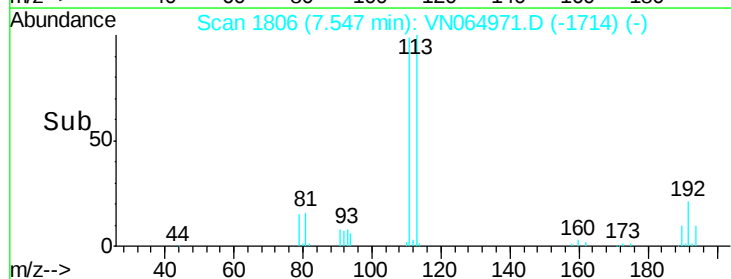
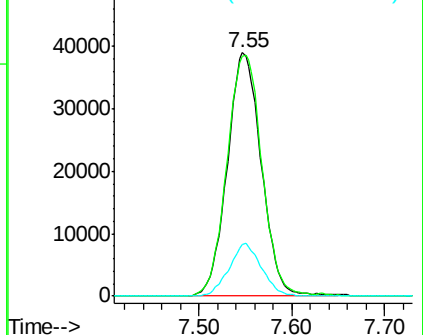


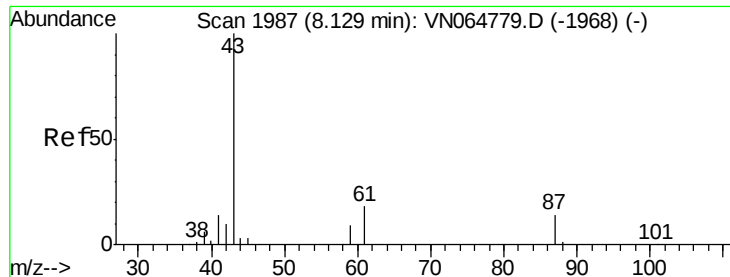
#35
 Dibromofluoromethane
 Concen: 52.417 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064971.D
 Acq: 8 Dec 2020 15:49

Tgt Ion:113 Resp: 99336
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.6 122.4
 192 20.5 16.2 24.2



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: 3.769 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN064971.D

Acq: 8 Dec 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#08

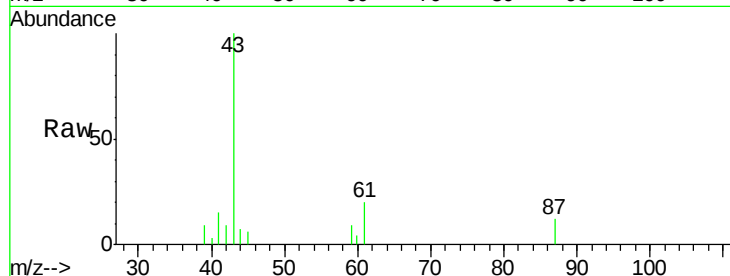
Tot Ion: 43 Resp: 17151

Ion Ratio Lower Upper

43 100

61 18.7 17.2 25.8

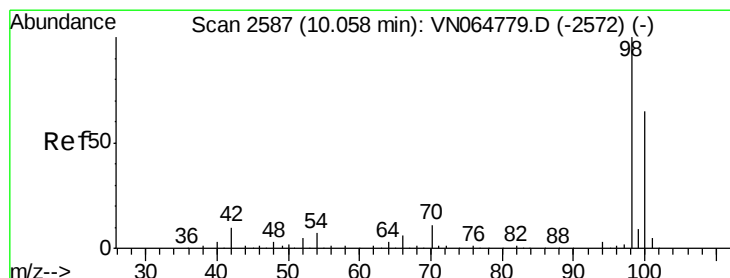
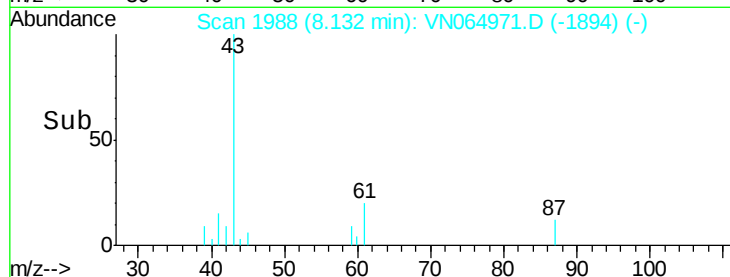
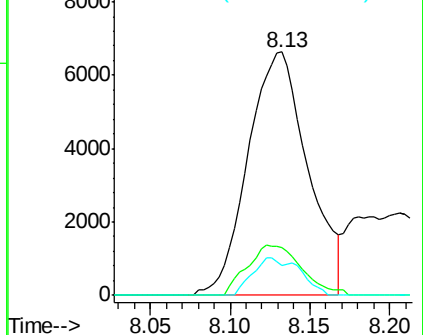
87 12.1 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064971.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064971.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064971.D (-1968) (-)



#50

Toluene-d8

Concen: 51.440 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064971.D

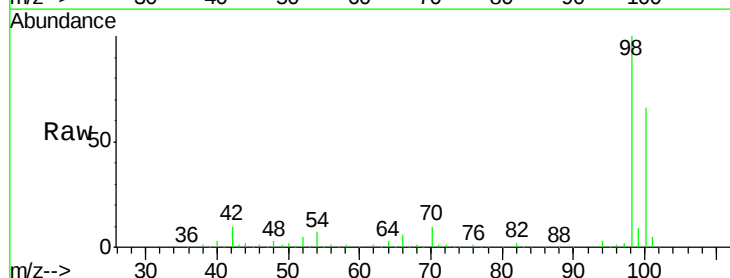
Acq: 8 Dec 2020 15:49

Tgt Ion: 98 Resp: 398319

Ion Ratio Lower Upper

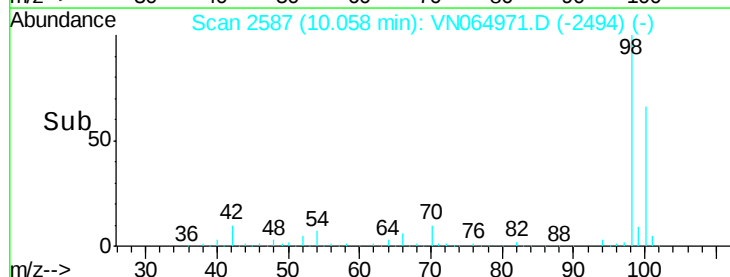
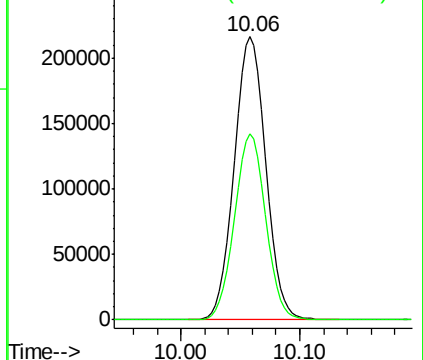
98 100

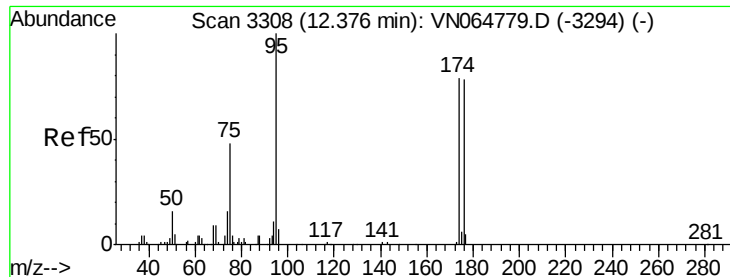
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064971.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064971.D (-2572) (-)

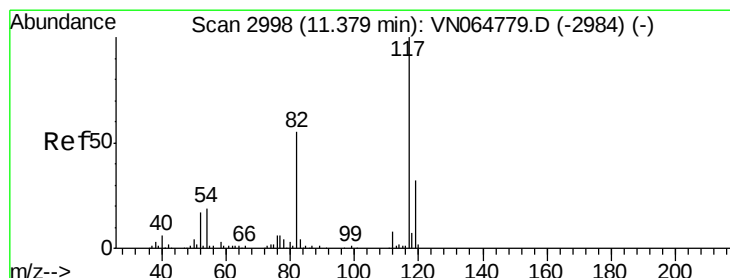
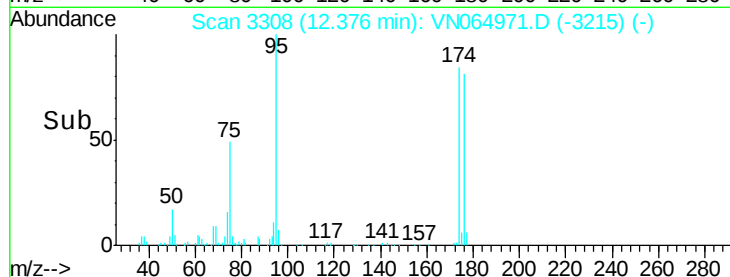
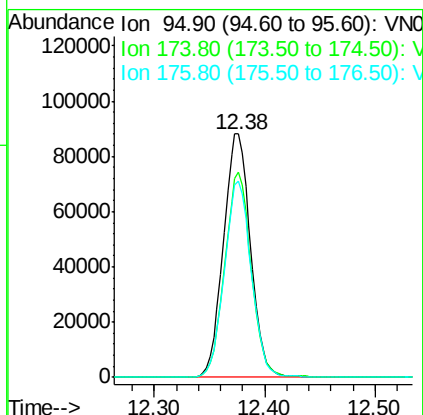
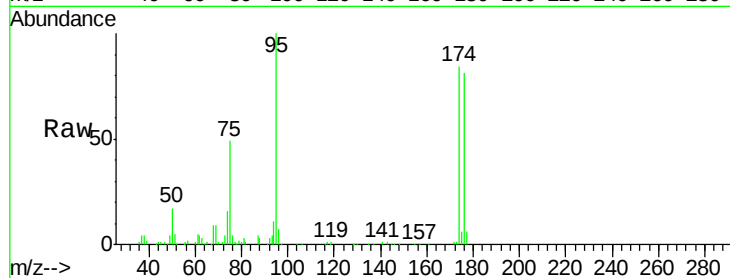




#62
4-Bromofluorobenzene
Concen: 54.284 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064971.D
Acq: 8 Dec 2020 15:49

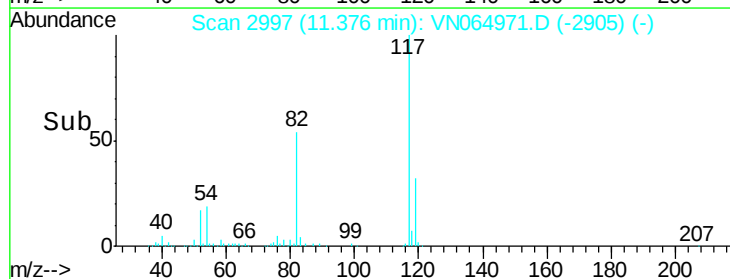
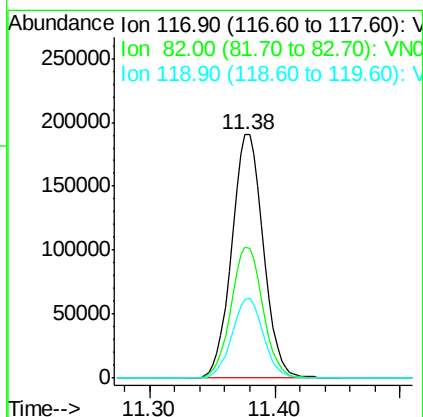
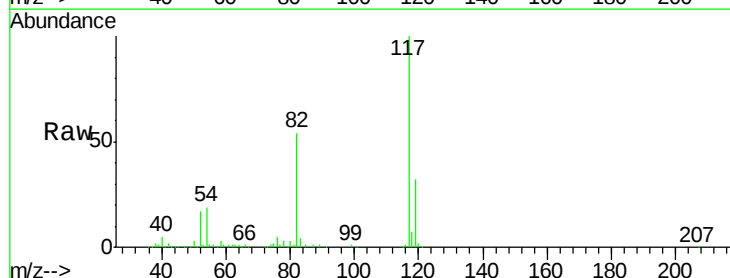
Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#08

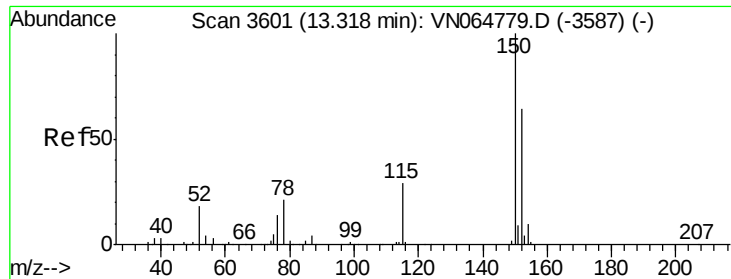
Tot Ion: 95 Resp: 150431
Ion Ratio Lower Upper
95 100
174 82.0 0.0 160.4
176 79.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064971.D
Acq: 8 Dec 2020 15:49

Tgt Ion: 117 Resp: 333679
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064971.D

Acq: 8 Dec 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#08

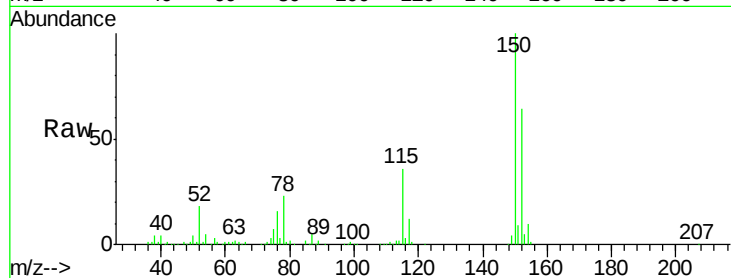
Tot Ion:152 Resp: 140817

Ion Ratio Lower Upper

152 100

115 58.1 29.7 89.1

150 156.9 0.0 350.6



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

