

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063833.D
 Acq On : 2 Oct 2020 19:56
 Operator : JC/MD
 Sample : PB132030ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#12

Quant Time: Oct 05 06:30:16 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

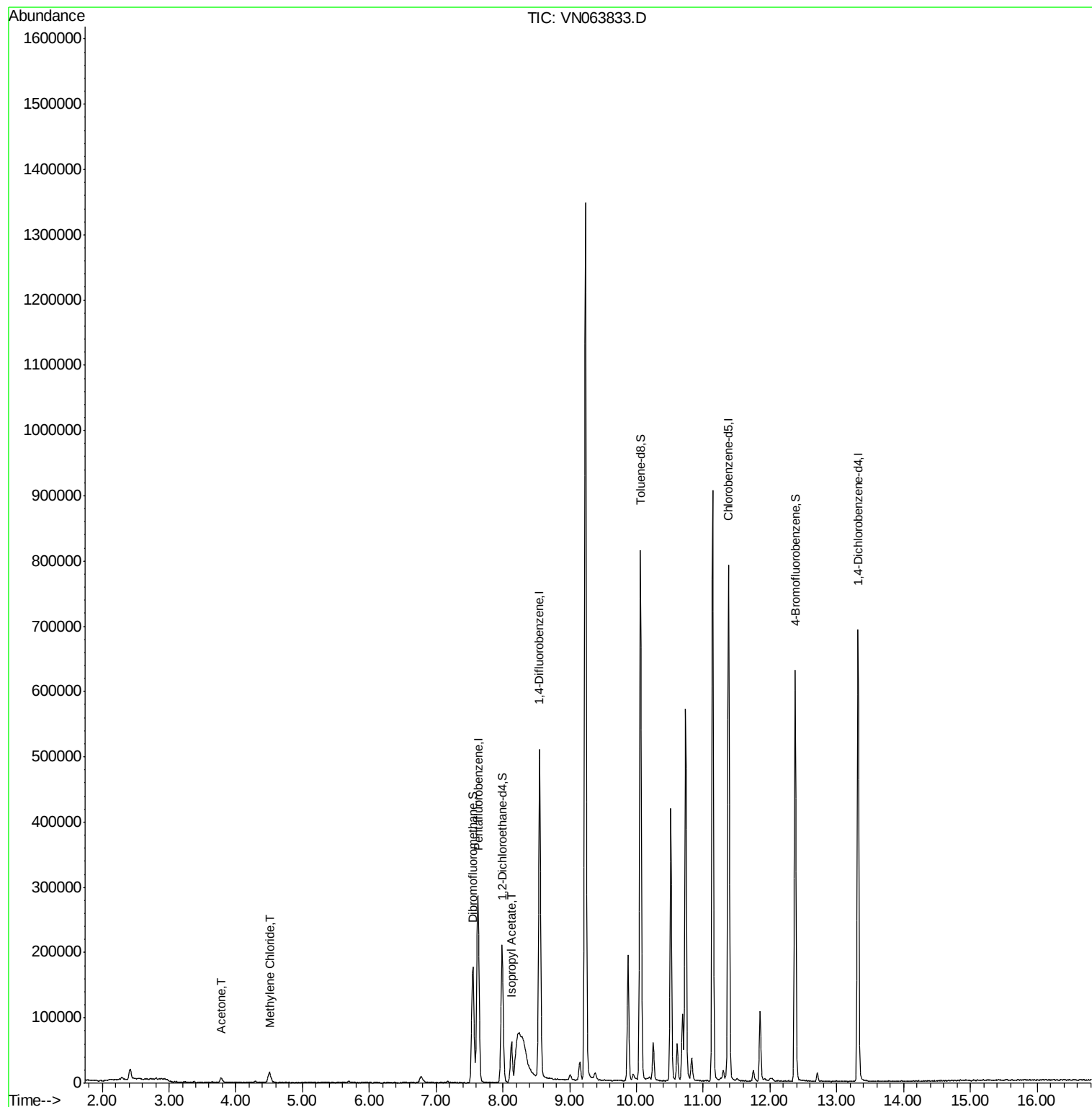
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	209777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188813	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	7.55	113	133572	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	10.06	98	516833	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.38	95	203552	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
Target Compounds						
16) Acetone	3.78	43	12970	12.157	ug/l #	82
20) Methylene Chloride	4.50	84	11089	4.627	ug/l #	88
43) Isopropyl Acetate	8.13	43	75489	11.102	ug/l	100

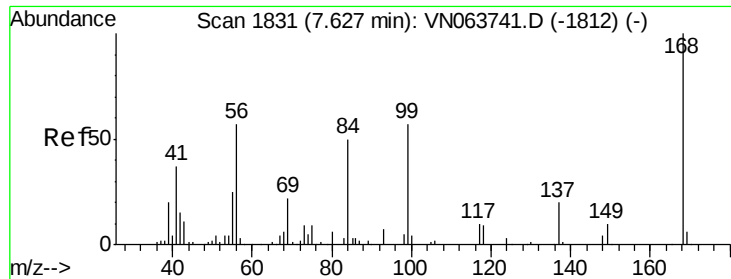
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063833.D

Acq: 2 Oct 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

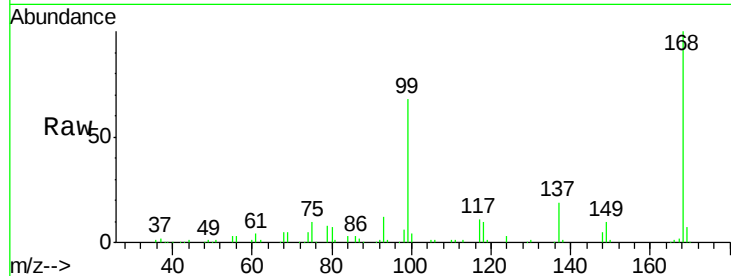
PB132030ZHE#12

Tot Ion:168 Resp: 209777

Ion Ratio Lower Upper

168 100

99 68.5 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

80000

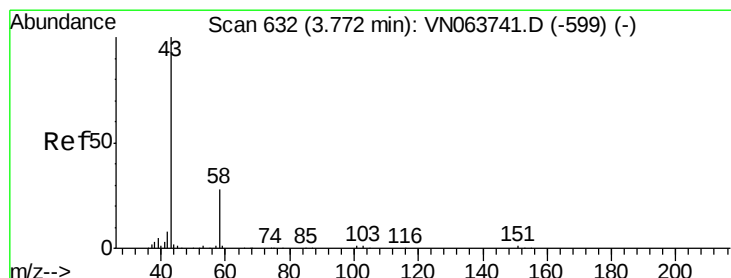
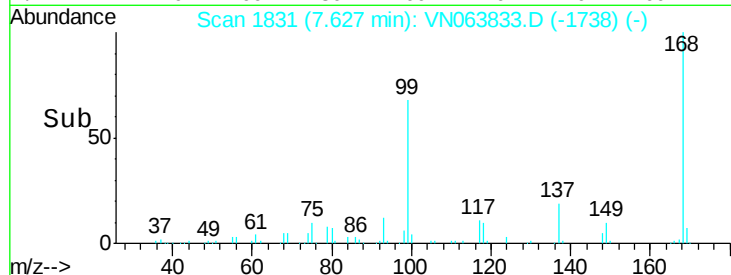
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 12.157 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063833.D

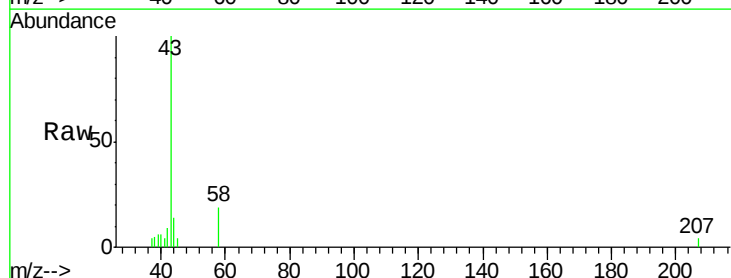
Acq: 2 Oct 2020 19:56

Tgt Ion: 43 Resp: 12970

Ion Ratio Lower Upper

43 100

58 18.5 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

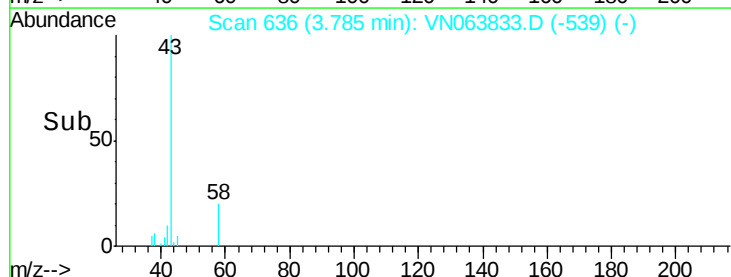
3000

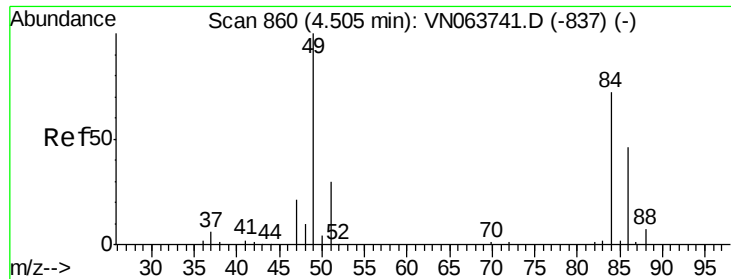
2000

1000

0

Time-->

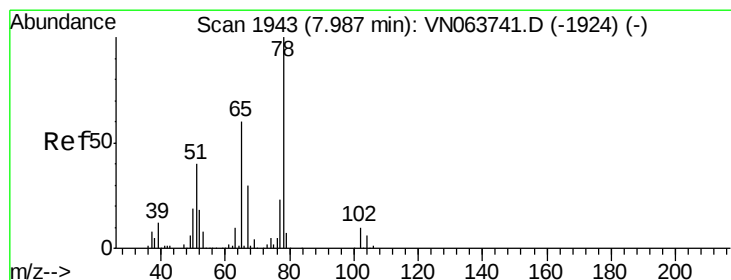
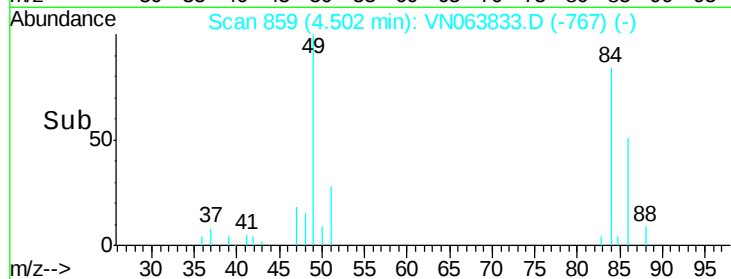
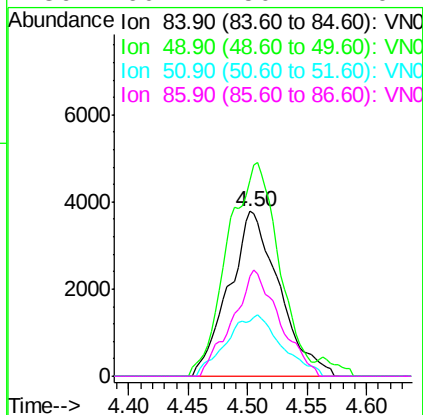
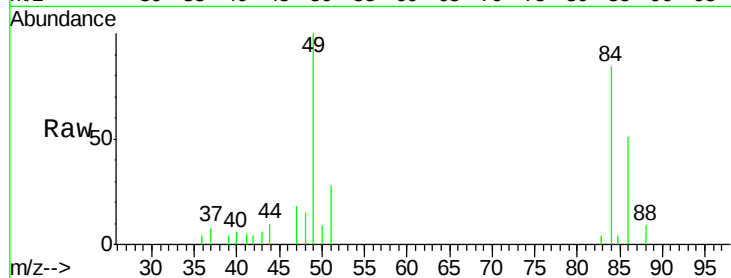




#20
Methvlene Chloride
Concen: 4.627 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063833.D
Acq: 2 Oct 2020 19:56

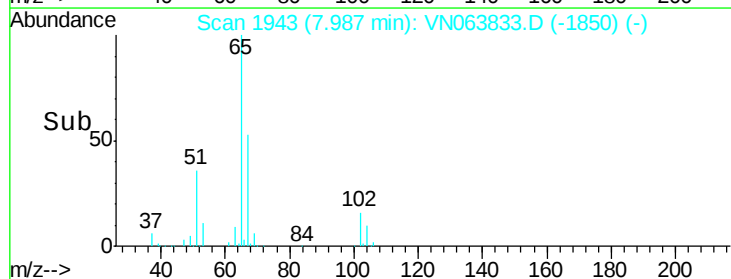
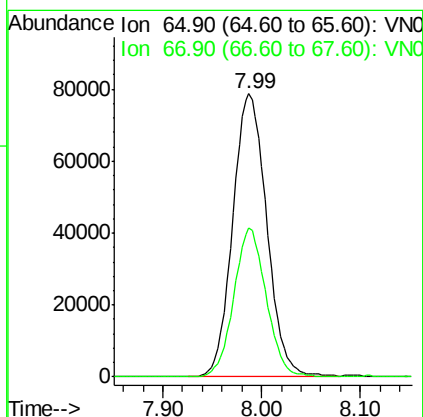
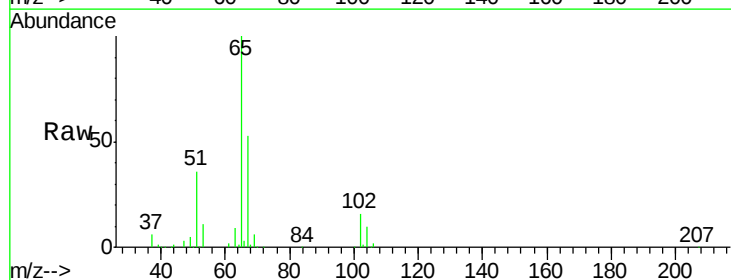
Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#12

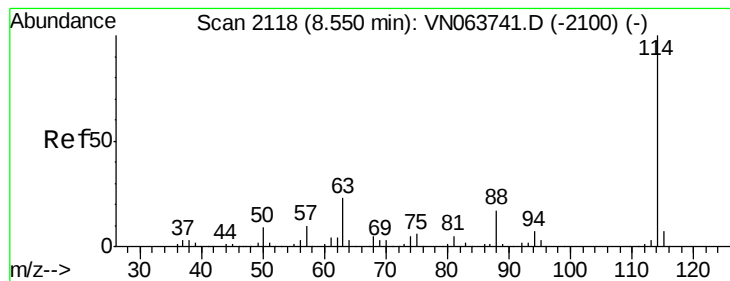
Tot Ion:	84	Resp:	11089
Ion	Ratio	Lower	Upper
84	100		
49	119.0	110.4	165.6
51	33.1	33.3	49.9#
86	60.2	50.7	76.1



#33
1,2-Dichloroethane-d4
Concen: 54.481 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063833.D
Acq: 2 Oct 2020 19:56

Tgt Ion:	65	Resp:	188813
Ion	Ratio	Lower	Upper
65	100		
67	50.0	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: VN063833.D

Acq: 2 Oct 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#12

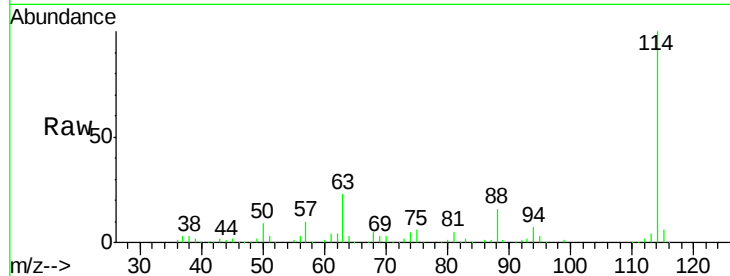
Tot Ion:114 Resp: 409567

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

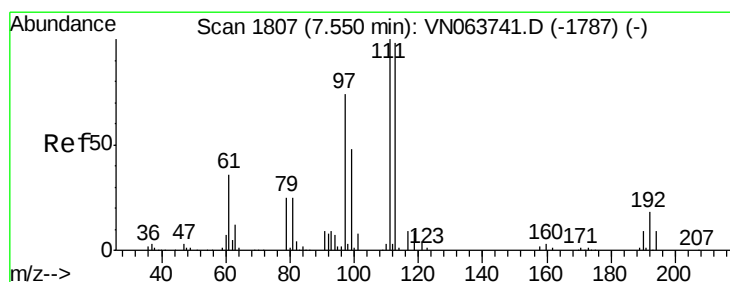
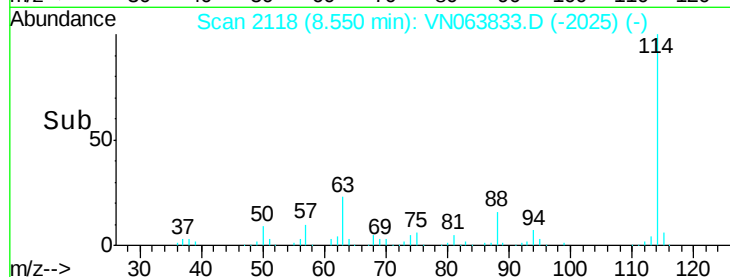
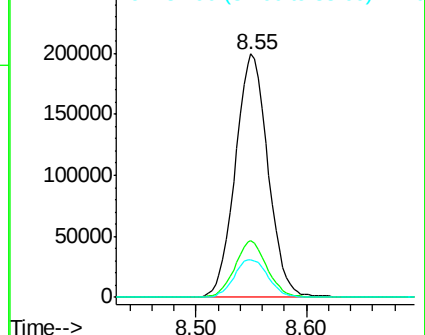
88 15.6 0.0 34.0



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: 47.001 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063833.D

Acq: 2 Oct 2020 19:56

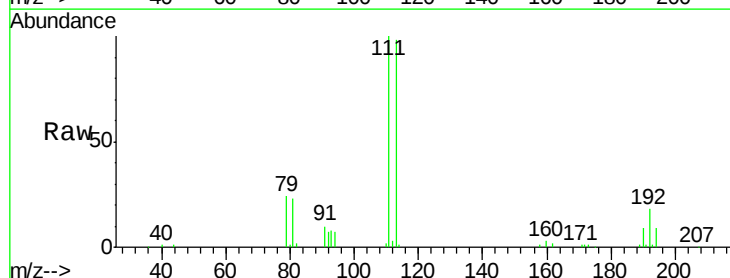
Tgt Ion:113 Resp: 133572

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

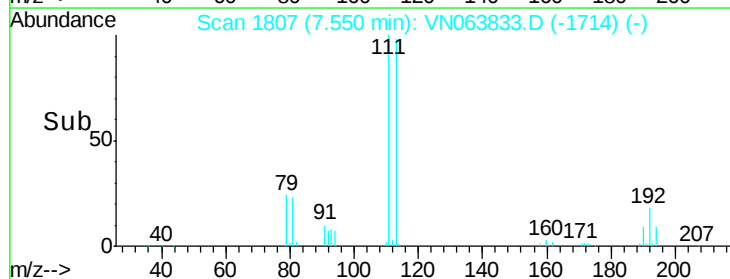
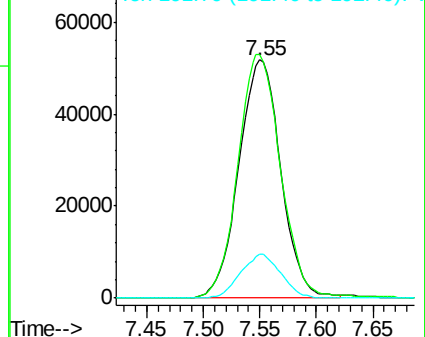
192 17.8 14.2 21.2

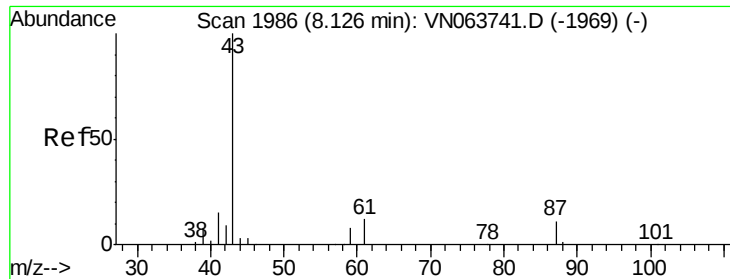


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.102 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063833.D

Acq: 2 Oct 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#12

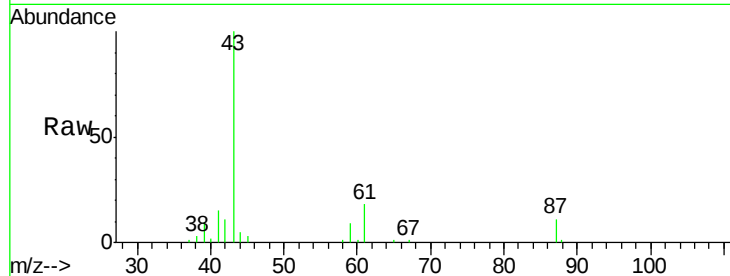
Tot Ion: 43 Resp: 75489

Ion Ratio Lower Upper

43 100

61 17.7 14.2 21.4

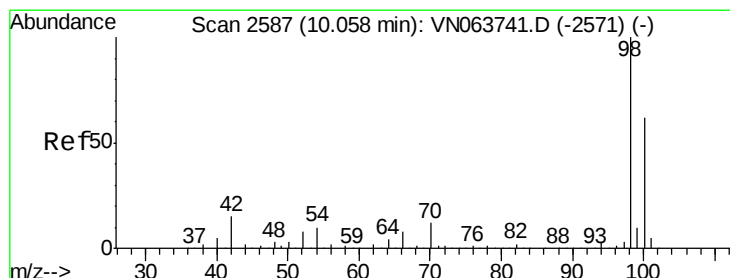
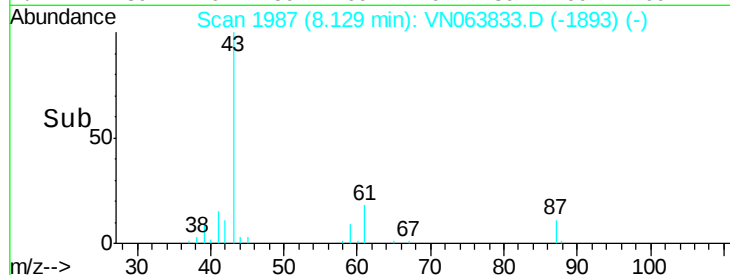
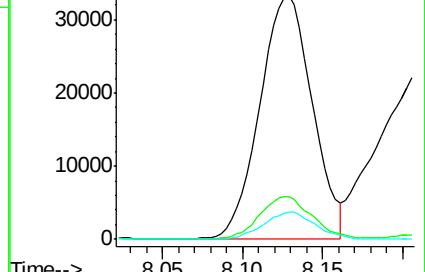
87 10.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063833.D (-1987) (-)

Ion 61.00 (60.70 to 61.70): VN063833.D (-1987) (-)

Ion 87.00 (86.70 to 87.70): VN063833.D (-1987) (-)



#50

Toluene-d8

Concen: 47.974 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063833.D

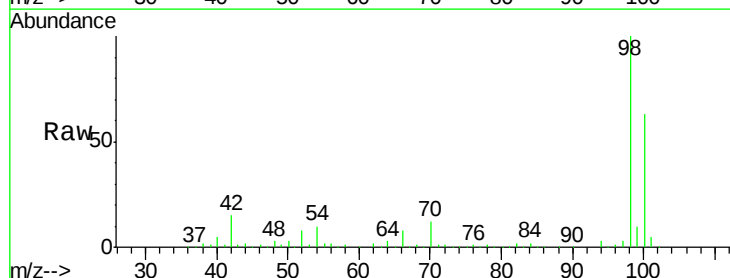
Acq: 2 Oct 2020 19:56

Tgt Ion: 98 Resp: 516833

Ion Ratio Lower Upper

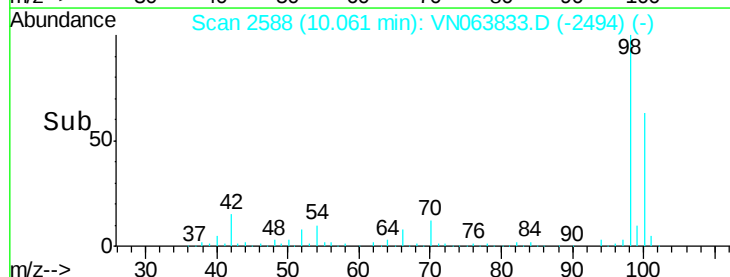
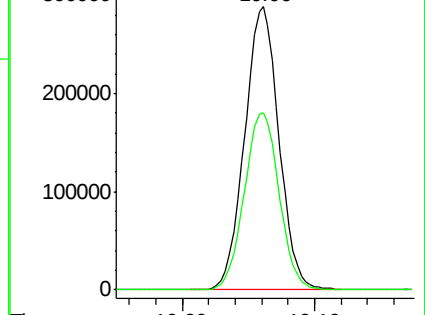
98 100

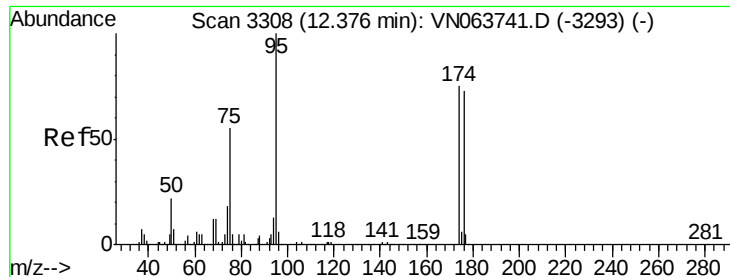
100 63.7 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063833.D (-2588) (-)

Ion 100.00 (99.70 to 100.70): VN063833.D (-2588) (-)

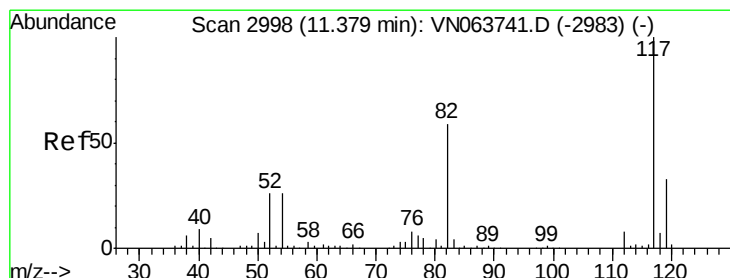
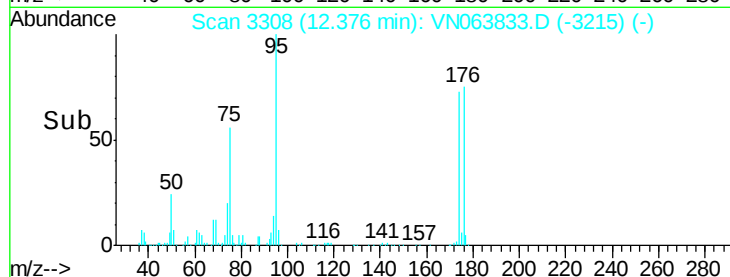
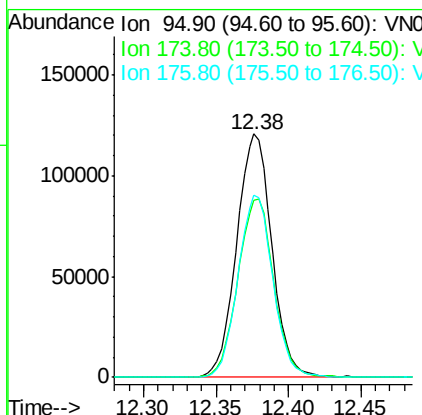
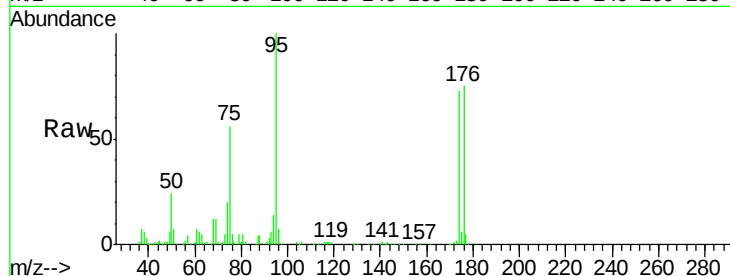




#62
4-Bromofluorobenzene
Concen: 50.262 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063833.D
Acq: 2 Oct 2020 19:56

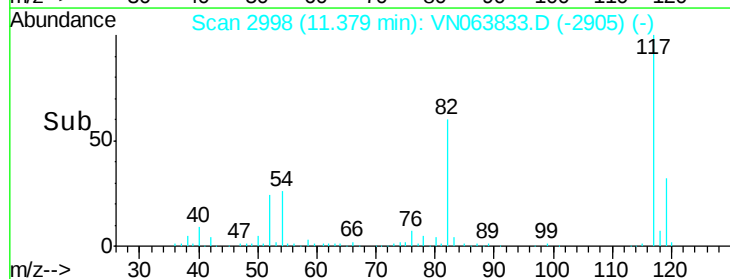
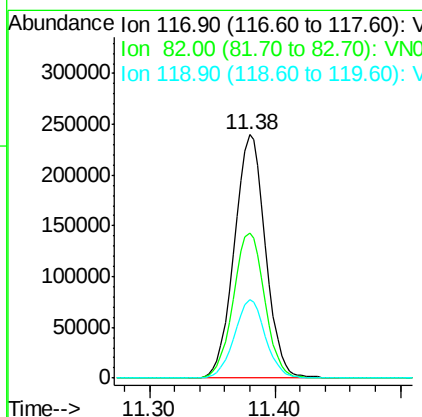
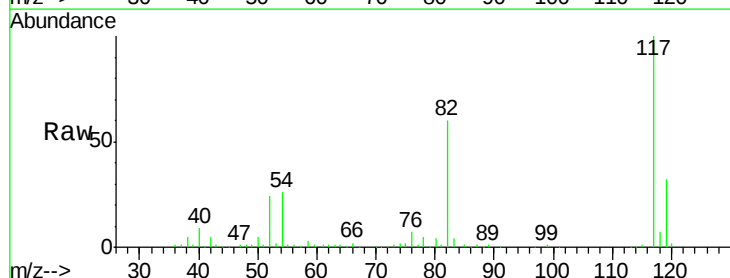
Instrument :
MSVOA_N
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PB132030ZHE#12

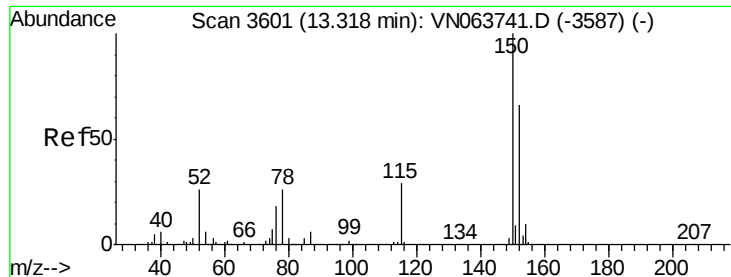
Tot Ion: 95 Resp: 203552
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.6
176 74.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063833.D
Acq: 2 Oct 2020 19:56

Tgt Ion: 117 Resp: 413109
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.3 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063833.D

Acq: 2 Oct 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#12

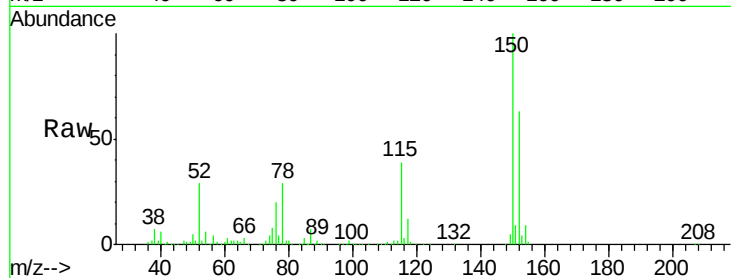
Tot Ion:152 Resp: 170029

Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.8

150 157.9 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

