

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063829.D
 Acq On : 2 Oct 2020 18:20
 Operator : JC/MD
 Sample : PB132030ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#08

Quant Time: Oct 05 06:21:16 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

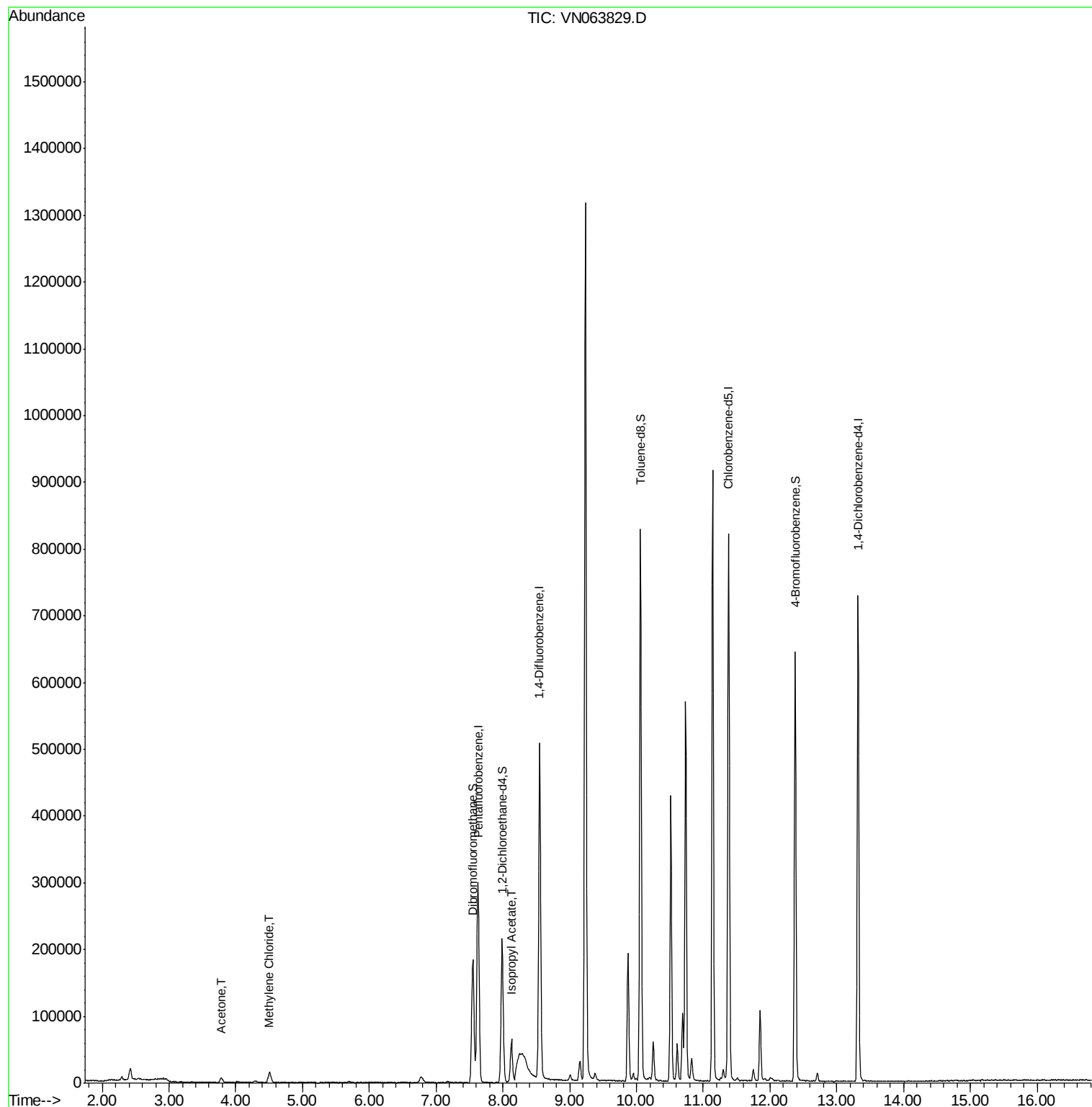
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189560	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	7.55	113	138594	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	10.06	98	531799	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.38	95	208285	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
Target Compounds						
16) Acetone	3.78	43	12691	11.413	ug/l	92
20) Methylene Chloride	4.51	84	11092	4.444	ug/l #	82
43) Isopropyl Acetate	8.13	43	74699	11.014	ug/l	99

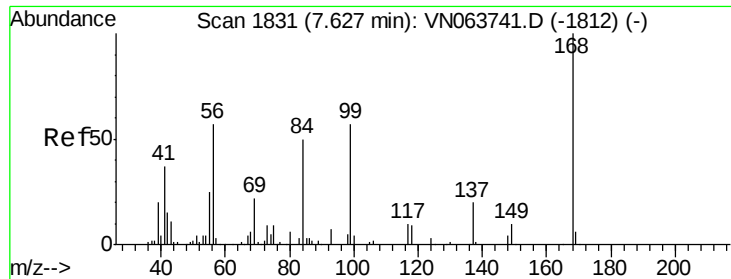
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
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: VN063829.D

Acq: 2 Oct 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

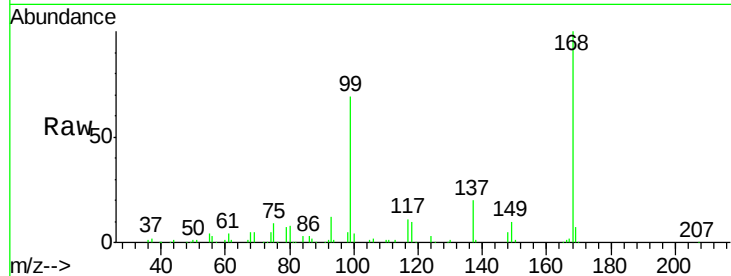
PB132030ZHE#08

Tot Ion:168 Resp: 218651

Ion Ratio Lower Upper

168 100

99 68.6 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

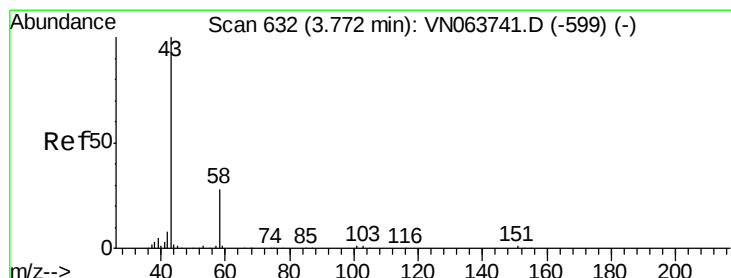
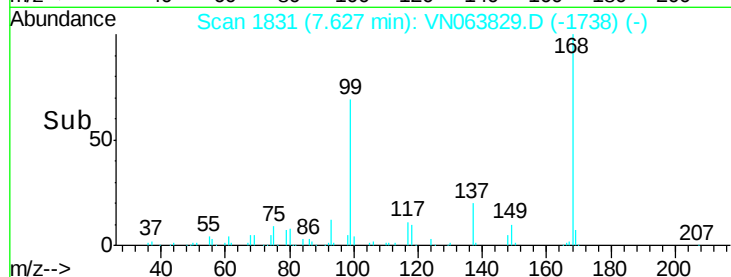
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.413 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063829.D

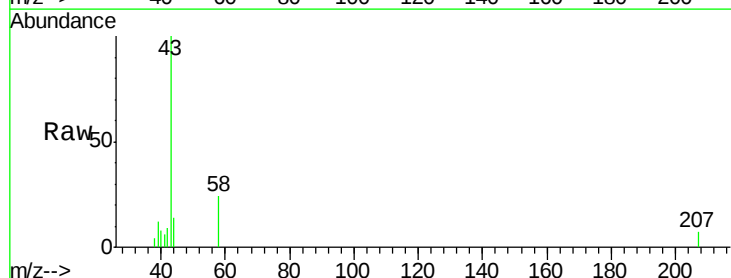
Acq: 2 Oct 2020 18:20

Tgt Ion: 43 Resp: 12691

Ion Ratio Lower Upper

43 100

58 23.6 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

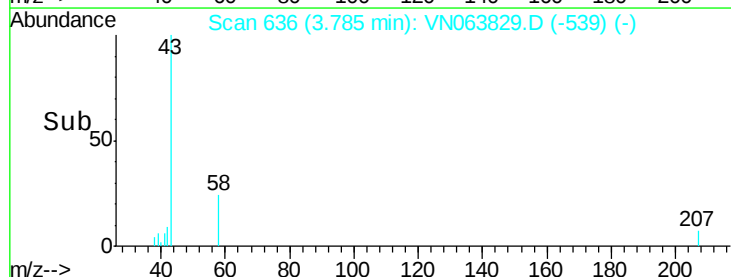
3000

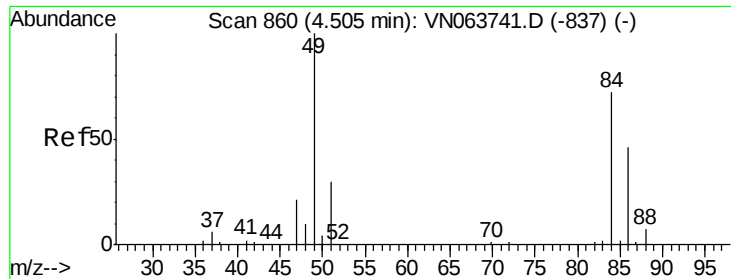
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

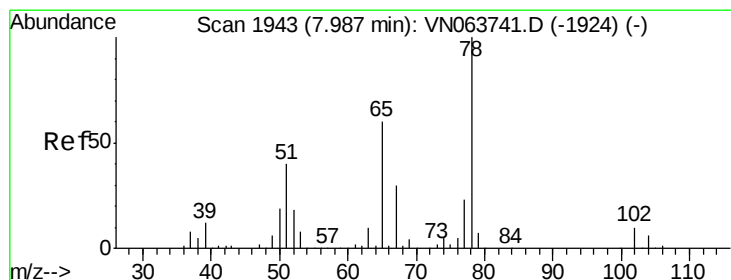
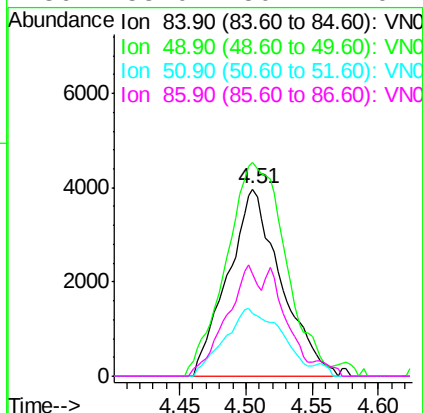
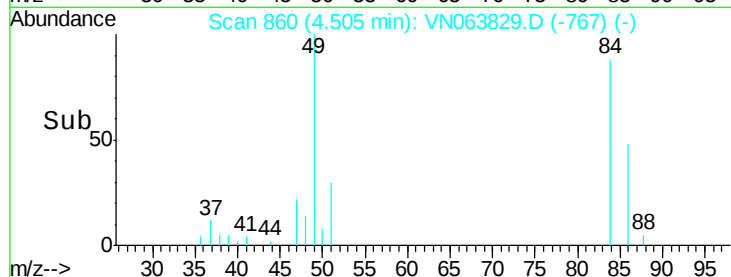
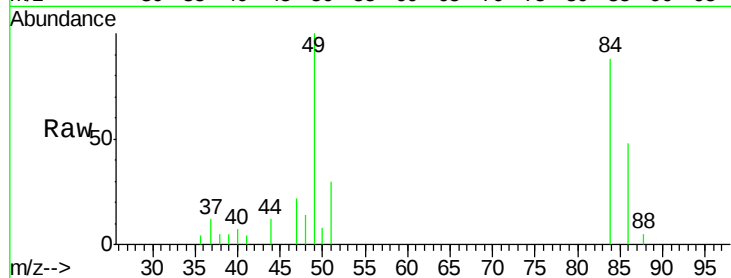




#20
Methylene Chloride
Concen: 4.444 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063829.D
Acq: 2 Oct 2020 18:20

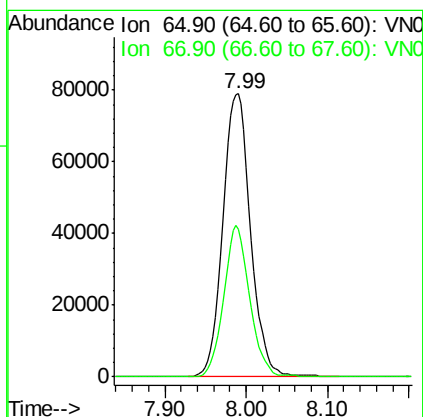
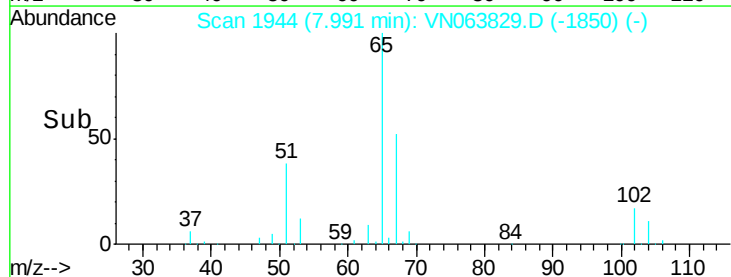
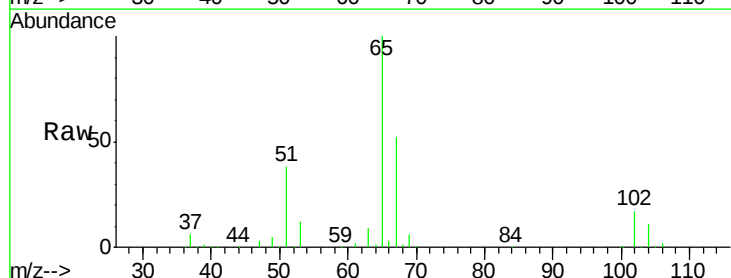
Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#08

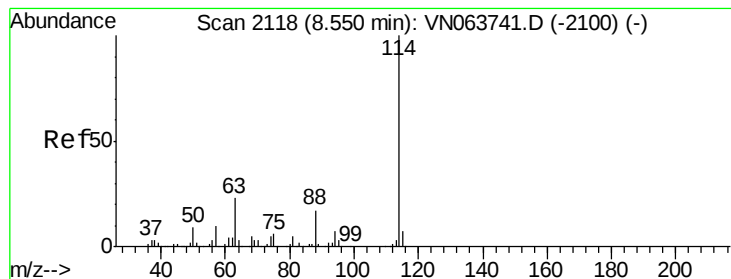
Tot Ion: 84 Resp: 11092
Ion Ratio Lower Upper
84 100
49 109.2 110.4 165.6#
51 33.9 33.3 49.9
86 55.0 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 52.477 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063829.D
Acq: 2 Oct 2020 18:20

Tgt Ion: 65 Resp: 189560
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063829.D

Acq: 2 Oct 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#08

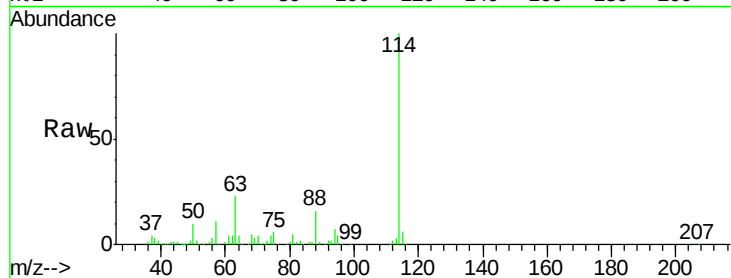
Tot Ion:114 Resp: 408496

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

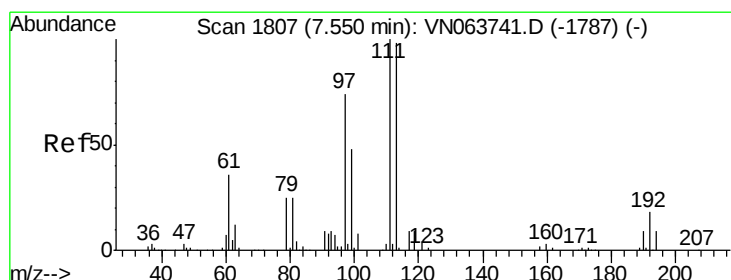
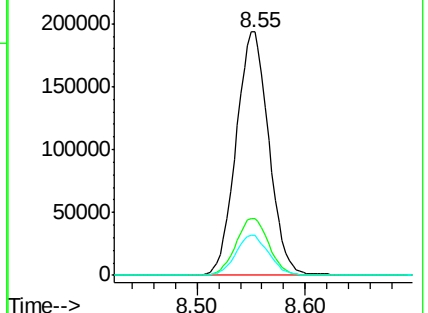
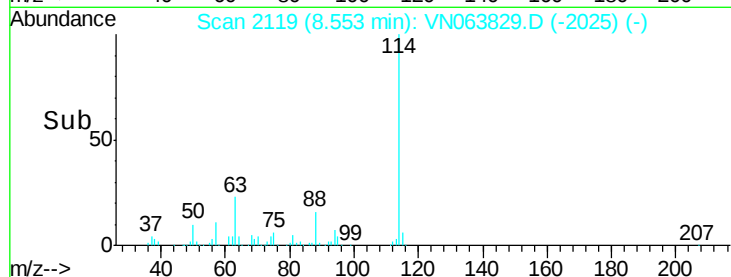
88 16.3 0.0 34.0



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: 48.896 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063829.D

Acq: 2 Oct 2020 18:20

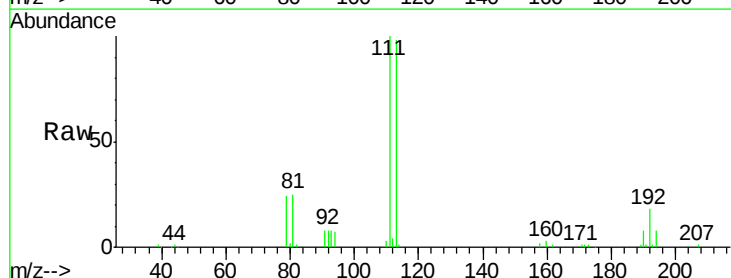
Tgt Ion:113 Resp: 138594

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

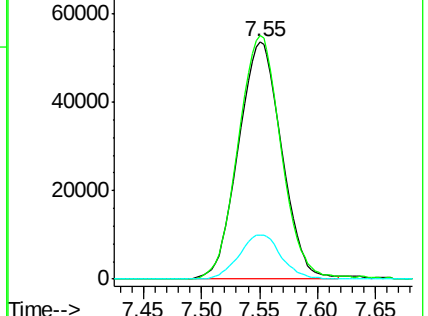
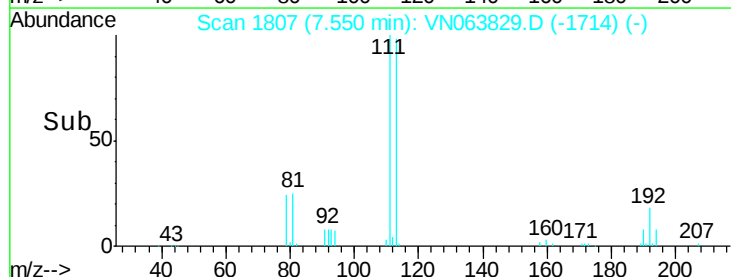
192 18.3 14.2 21.2

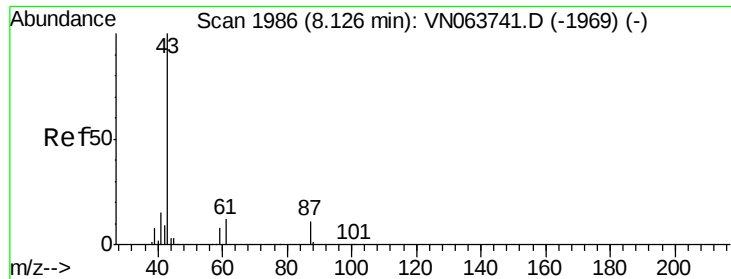


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.014 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063829.D

Acq: 2 Oct 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#08

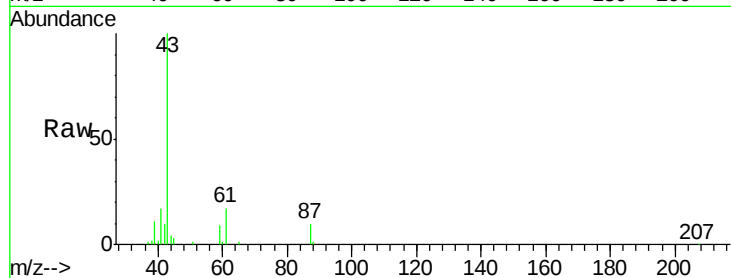
Tot Ion: 43 Resp: 74699

Ion Ratio Lower Upper

43 100

61 17.9 14.2 21.4

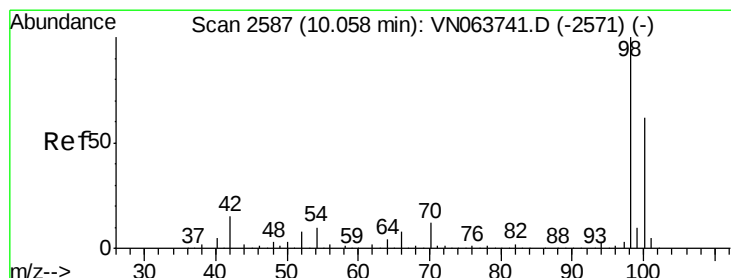
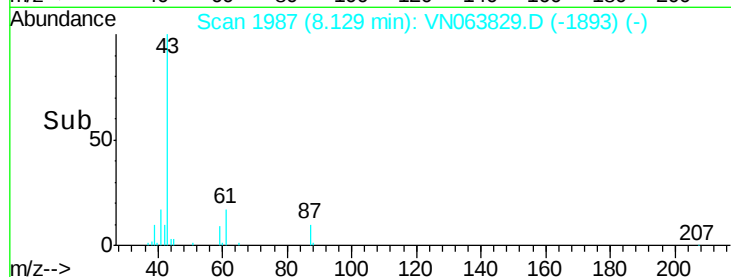
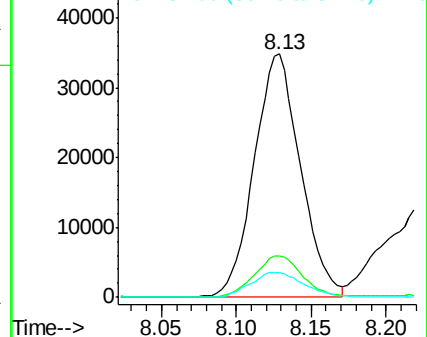
87 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063829.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063829.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063829.D (-1893) (-)



#50

Toluene-d8

Concen: 49.492 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063829.D

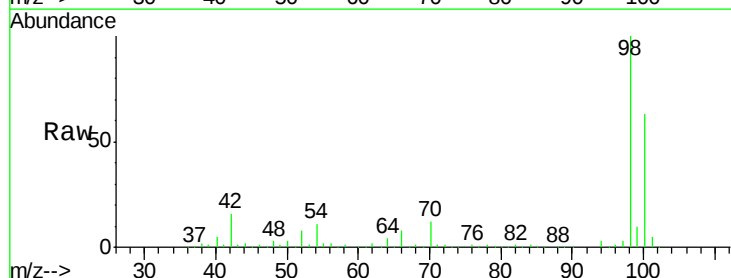
Acq: 2 Oct 2020 18:20

Tgt Ion: 98 Resp: 531799

Ion Ratio Lower Upper

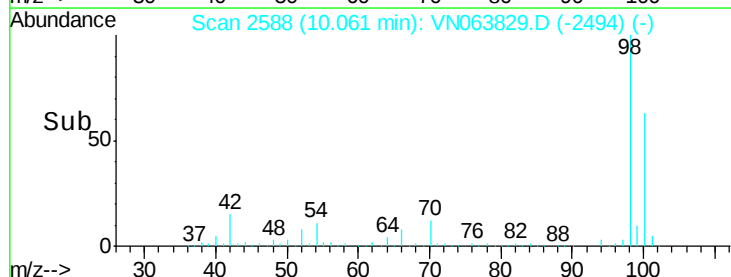
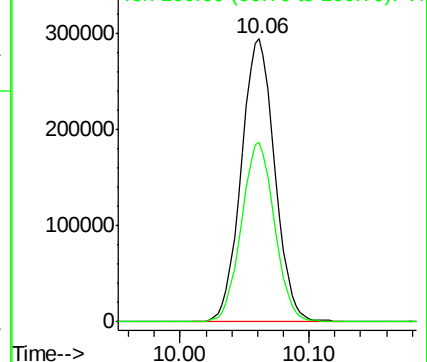
98 100

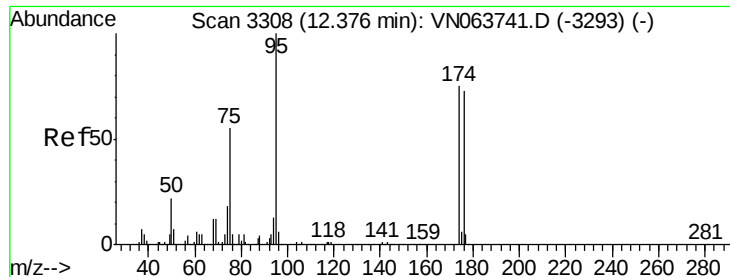
100 62.7 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063829.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063829.D (-2494) (-)

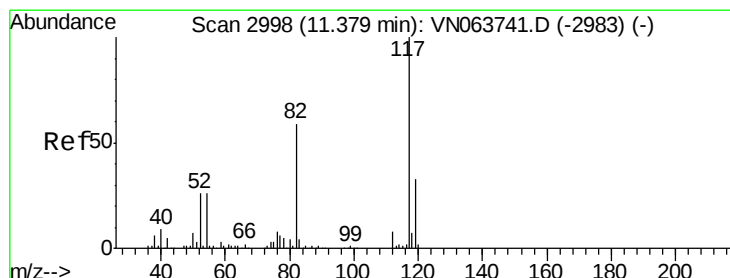
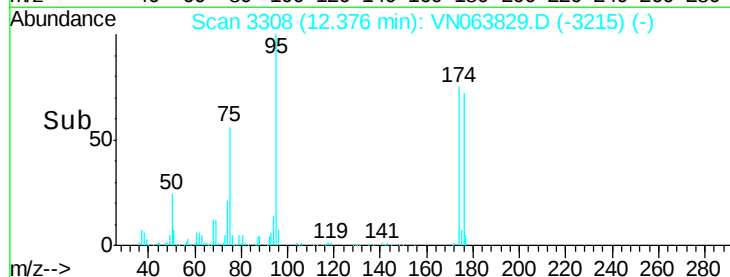
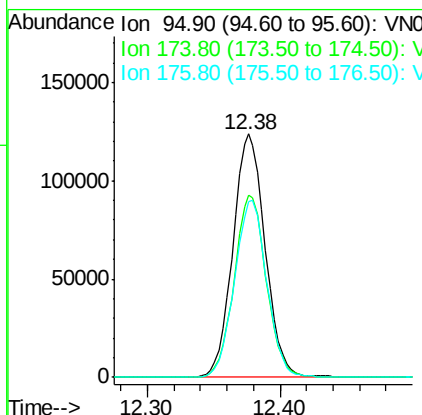
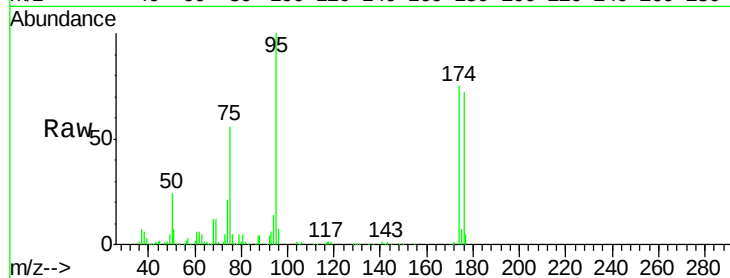




#62
4-Bromofluorobenzene
Concen: 51.566 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063829.D
Acq: 2 Oct 2020 18:20

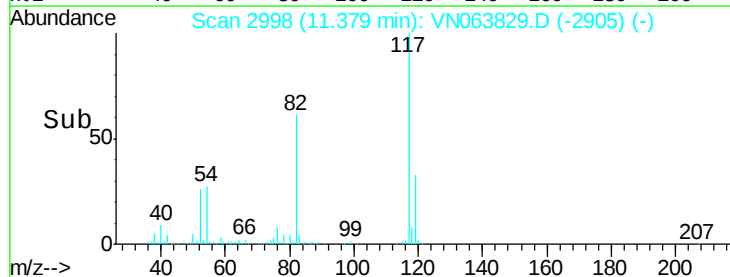
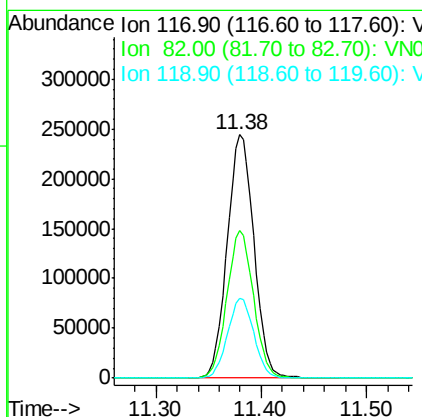
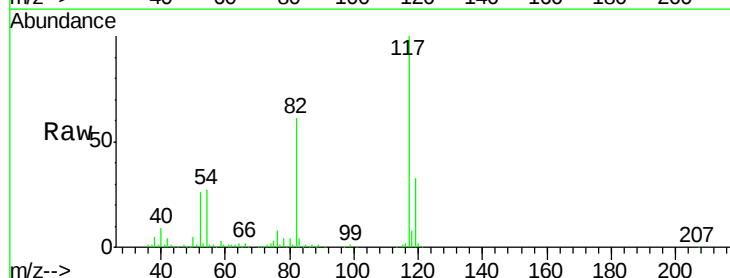
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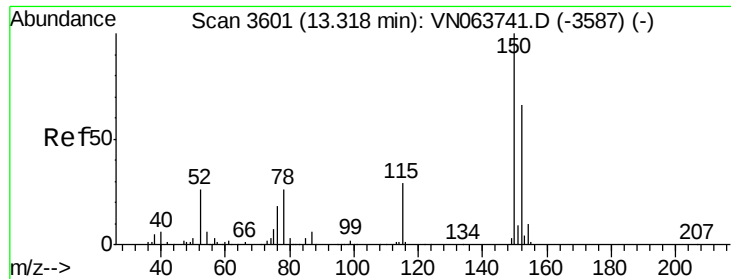
Tot Ion	95	Resp	208285
Ion Ratio	Lower	Upper	
95	100		
174	74.9	0.0	150.6
176	73.2	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063829.D
Acq: 2 Oct 2020 18:20

Tgt Ion	117	Resp	428382
Ion Ratio	Lower	Upper	
117	100		
82	60.6	47.4	71.2
119	32.8	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: VN063829.D

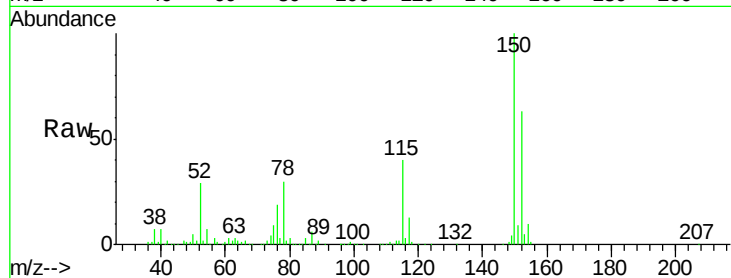
Acq: 2 Oct 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#08



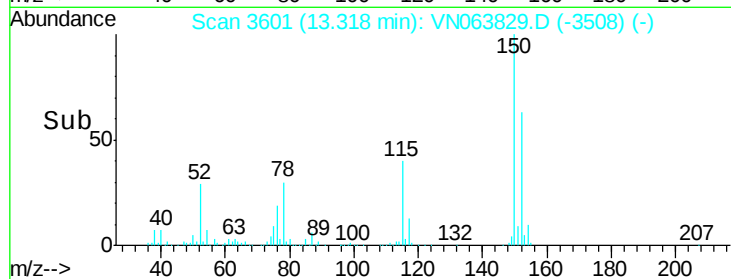
Tot Ion:152 Resp: 175756

Ion Ratio Lower Upper

152 100

115 62.5 31.3 93.8

150 157.6 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

