

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063975.D
 Acq On : 8 Oct 2020 5:41
 Operator : JC/MD
 Sample : L4291-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:57 AM

Quant Time: Oct 08 07:00:09 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	237536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	425447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	437711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	204397	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	7.55	113	147846	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.06	98	546427	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.38	95	209870	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
Target Compounds						
16) Acetone	3.79	43	4125m	3.415	ug/l	Qvalue

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

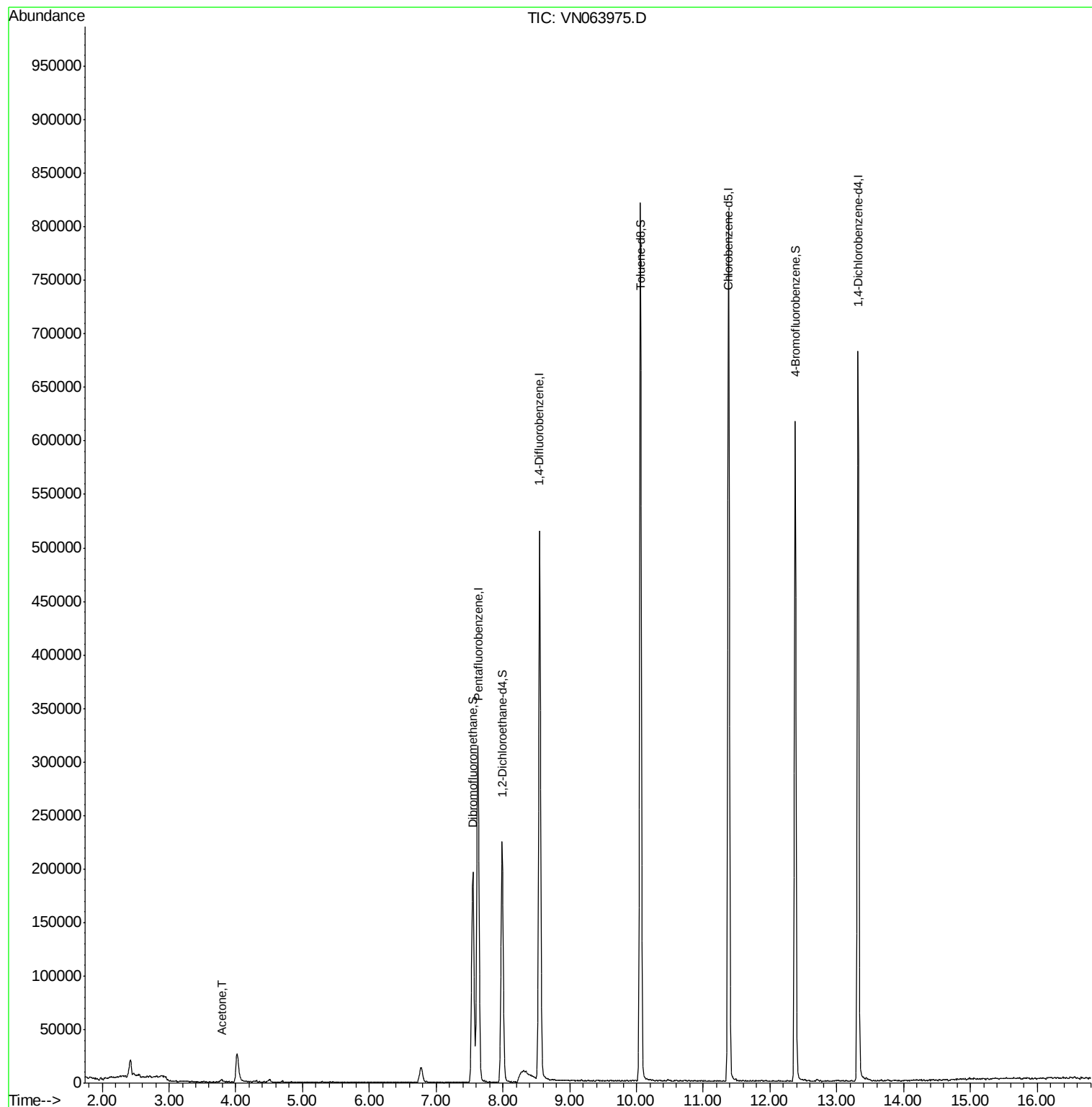
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063975.D
Acq On : 8 Oct 2020 5:41
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Quant Time: Oct 08 07:00:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063975.D

Acq: 8 Oct 2020 5:41

Instrument :

MSVOA_N

ClientSampleId :

FIELD-BLANK

Tot Ion:168 Resp: 237536

Ion Ratio Lower Upper

168 100

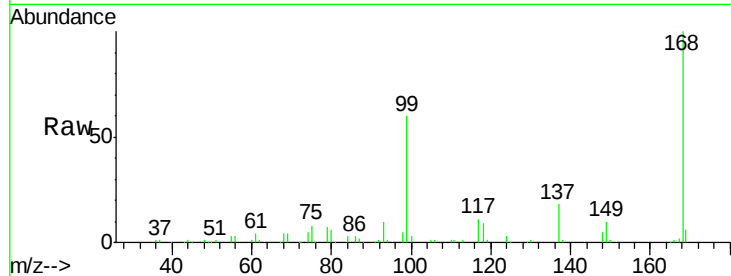
99 60.4 51.8 77.6

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Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.63

100000

80000

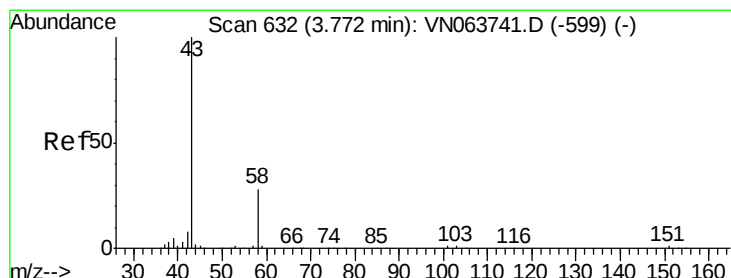
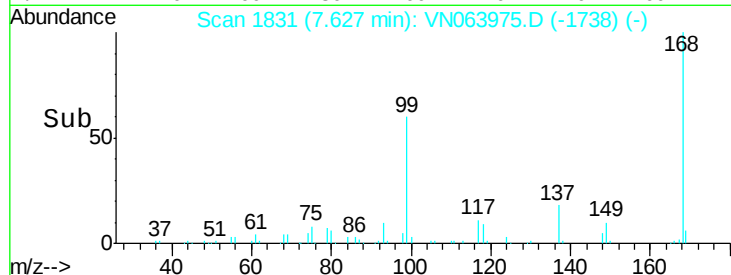
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 3.415 ug/l m

RT: 3.79 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN063975.D

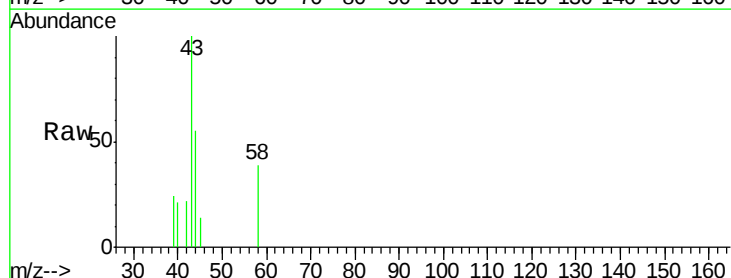
Acq: 8 Oct 2020 5:41

Tgt Ion: 43 Resp: 4125

Ion Ratio Lower Upper

43 100

58 39.4 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

3.79

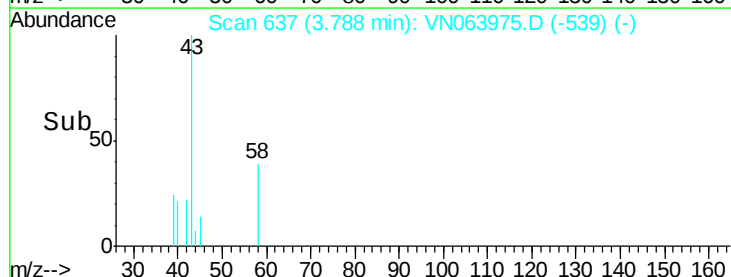
1500

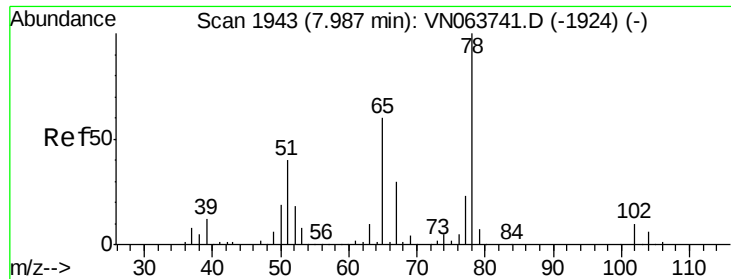
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#33

1,2-Dichloroethane-d4

Concen: 52.086 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063975.D

Acq: 8 Oct 2020 5:41

Instrument :

MSVOA_N

ClientSampled :

FIELD-BLANK

Tot Ion: 65 Resp: 204397

Ion Ratio Lower Upper

65 100

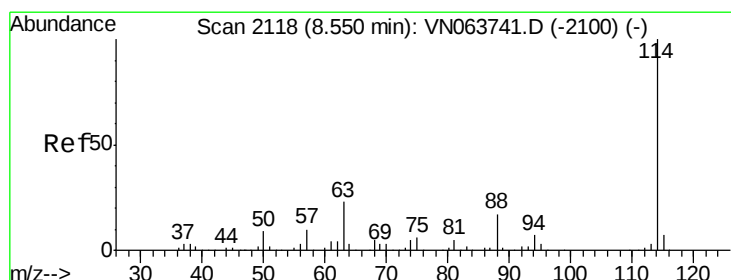
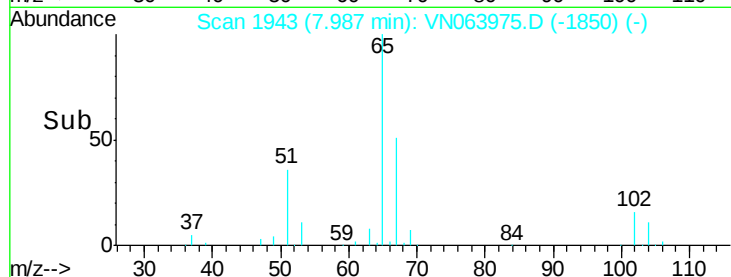
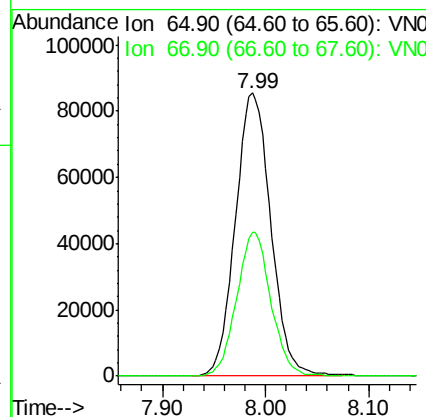
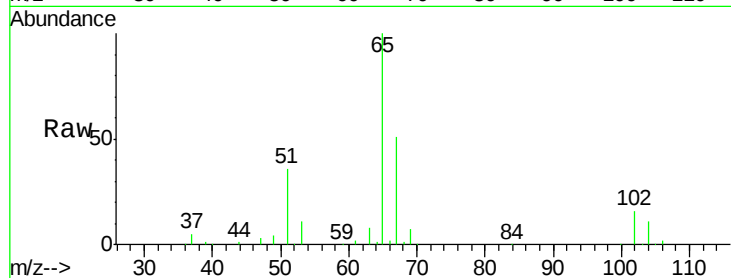
67 49.2 0.0 99.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063975.D

Acq: 8 Oct 2020 5:41

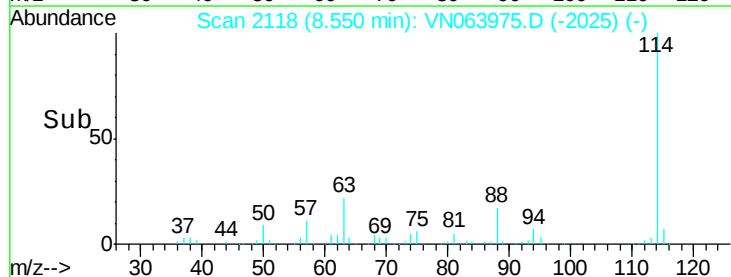
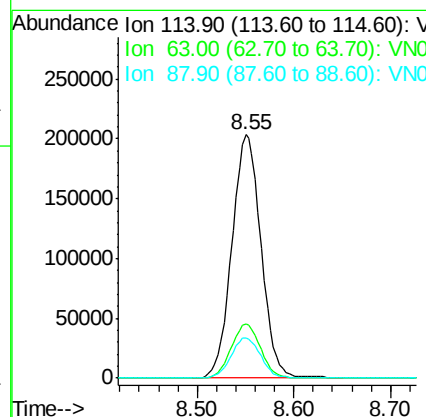
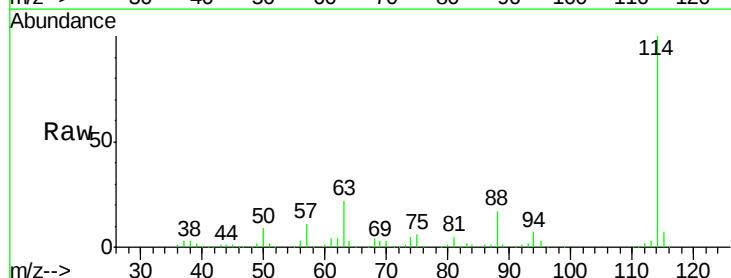
Tgt Ion: 114 Resp: 425447

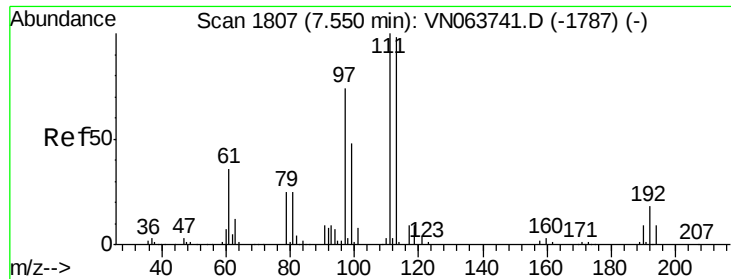
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 16.6 0.0 34.0





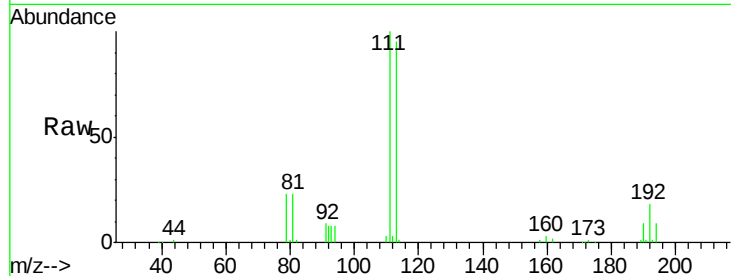
#35
 Dibromofluoromethane
 Concen: 50.082 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063975.D
 Acq: 8 Oct 2020 5:41

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

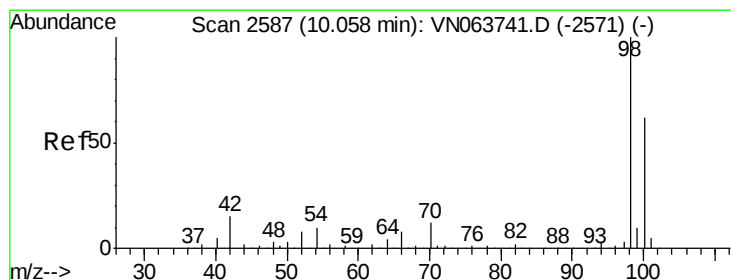
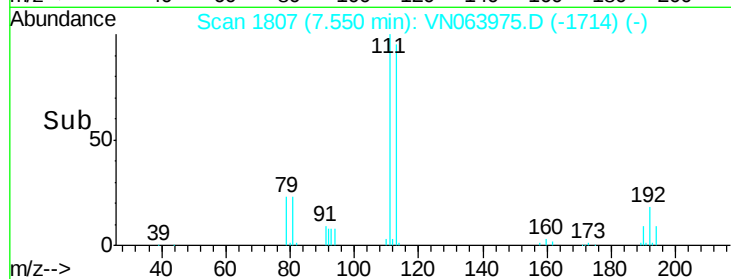
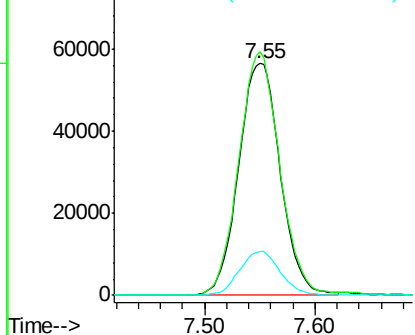
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.8
192	18.5	14.2	21.2

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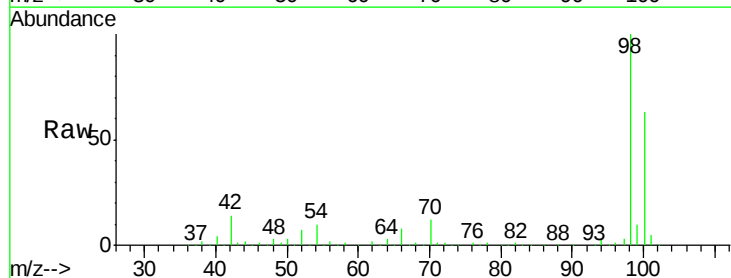


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

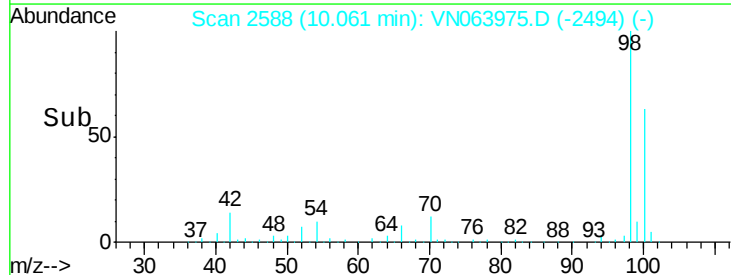
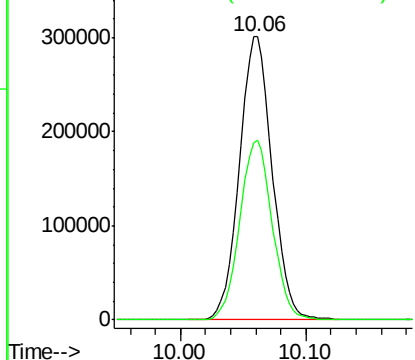


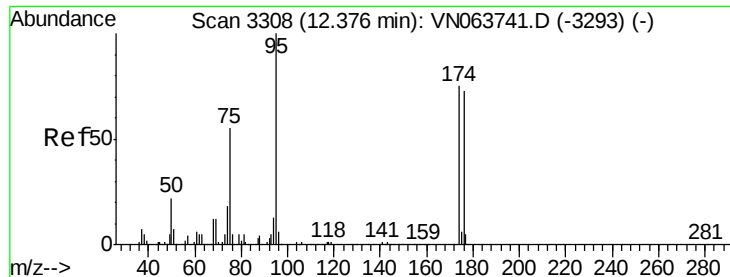
#50
 Toluene-d8
 Concen: 48.827 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063975.D
 Acq: 8 Oct 2020 5:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	49.8	74.6



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





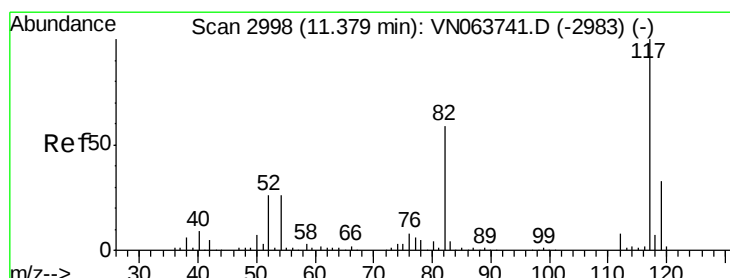
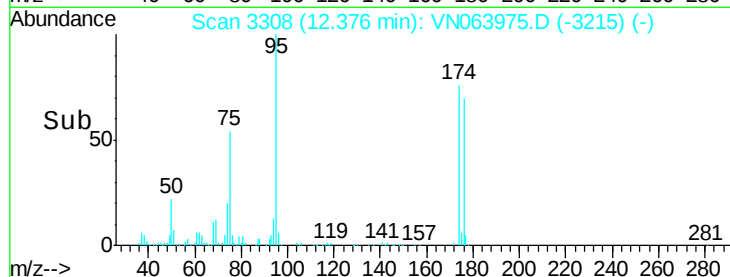
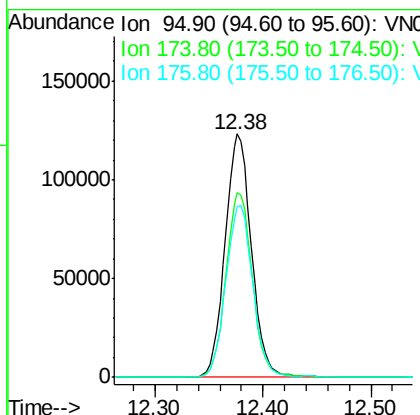
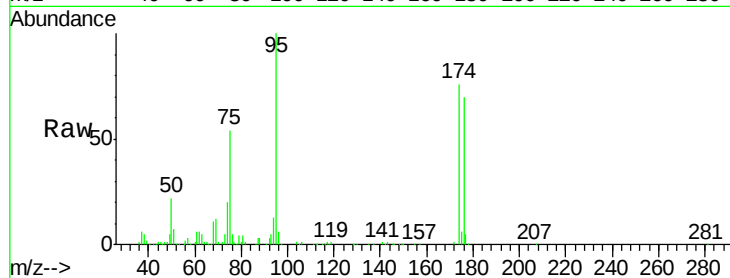
#62
4-Bromofluorobenzene
Concen: 49.888 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063975.D
Acq: 8 Oct 2020 5:41

Instrument :
MSVOA_N
ClientSampled :
FIELD-BLANK

Tot Ion	Ratio	Resp	Lower	Upper
95	100	209870		
174	75.9	0.0	150.6	
176	72.1	0.0	145.4	

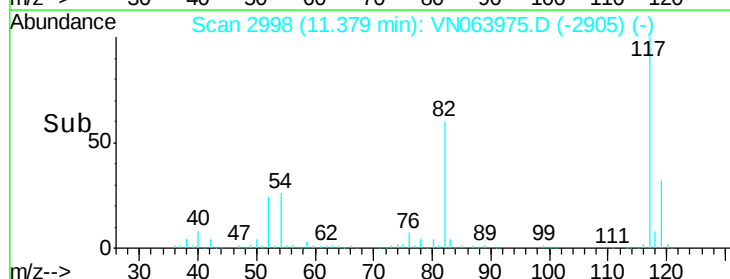
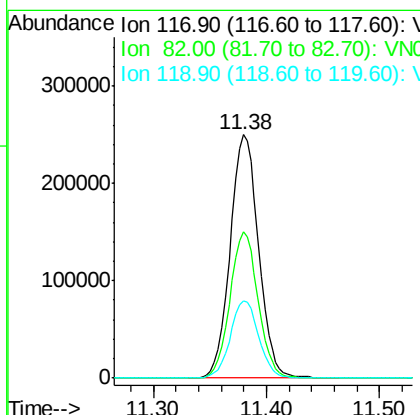
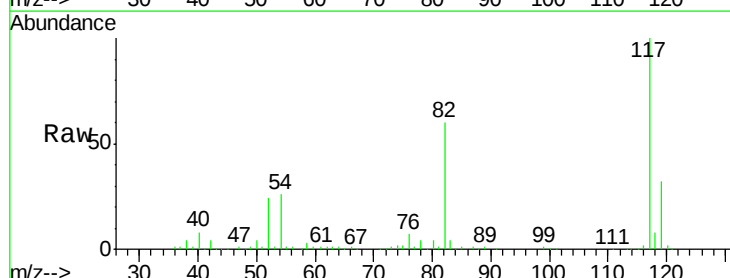
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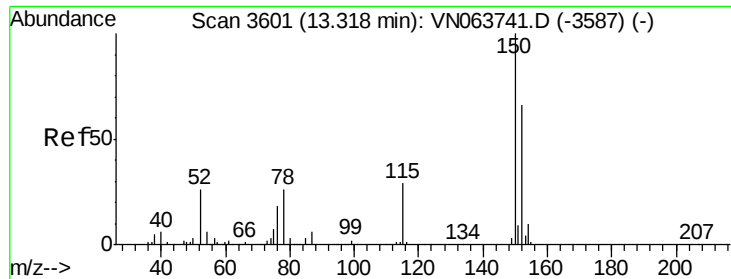
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063975.D
Acq: 8 Oct 2020 5:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	437711		
82	59.9	47.4	71.2	
119	31.9	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: VN063975.D

Acq: 8 Oct 2020 5:41

Instrument :

MSVOA_N

ClientSampleId :

FIELD-BLANK

Tot Ion:152 Resp: 174823

Ion Ratio Lower Upper

152 100

115 62.6 31.3 93.8

150 156.8 0.0 341.8

Manual Integrations

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