

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058457.D
 Acq On : 1 Oct 2019 12:13
 Operator : JC/SP
 Sample : K5110-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:20:16 PM

Quant Time: Oct 02 06:20:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	399909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	649207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	552559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	291468	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	7.57	113	204596	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	10.08	98	815869	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.41	95	253149	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
16) Acetone	3.80	43	5132m	2.576	ug/l	Qvalue

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

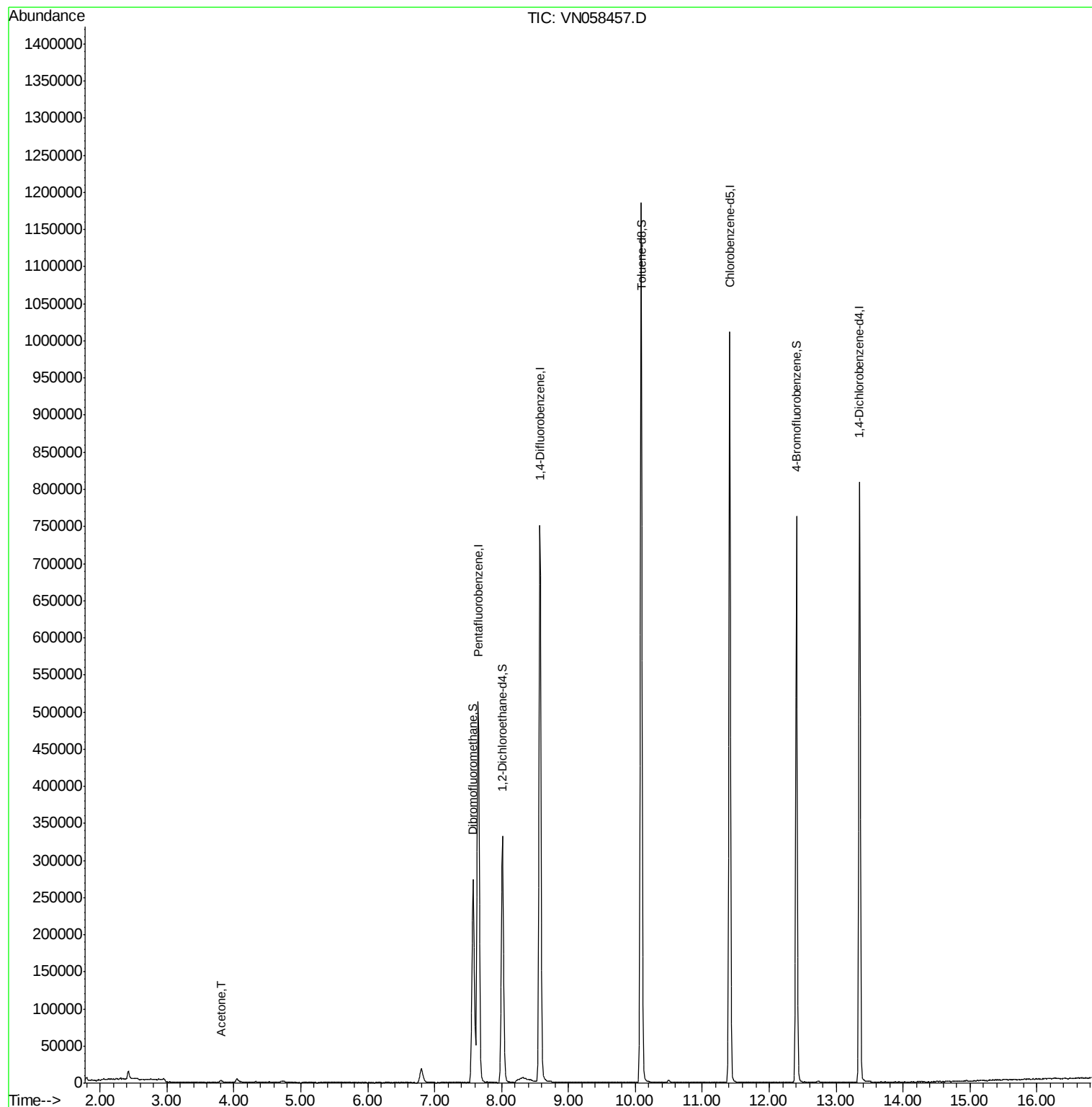
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100119\
Data File : VN058457.D
Acq On : 1 Oct 2019 12:13
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Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058457.D

Acq: 1 Oct 2019 12:13

Instrument :

MSVOA_N

ClientSampled :

FIELD-BLANK

Tot Ion:168 Resp: 399909

Ion Ratio Lower Upper

168 100

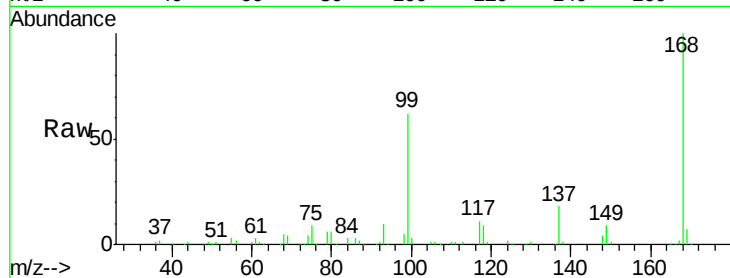
99 62.4 47.7 71.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

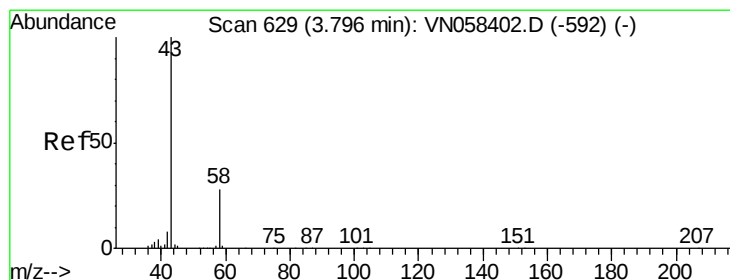
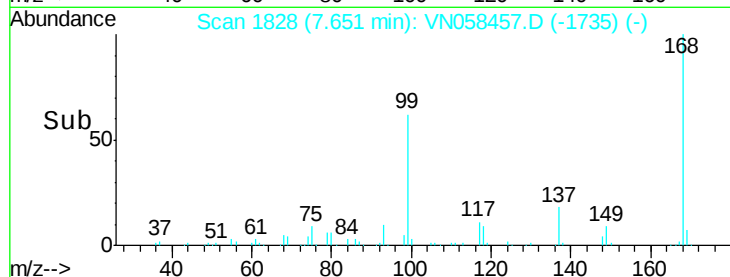
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 2.576 ug/l m

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058457.D

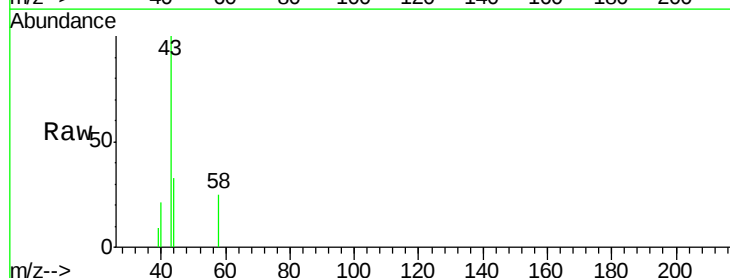
Acq: 1 Oct 2019 12:13

Tgt Ion: 43 Resp: 5132

Ion Ratio Lower Upper

43 100

58 25.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

2000

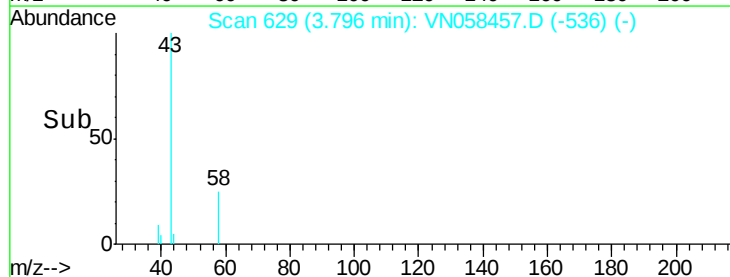
1500

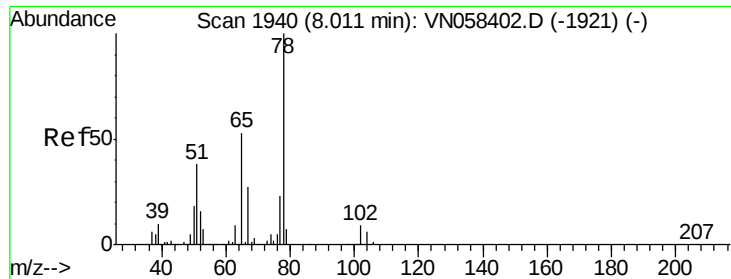
1000

500

0

Time--> 3.75 3.80 3.85





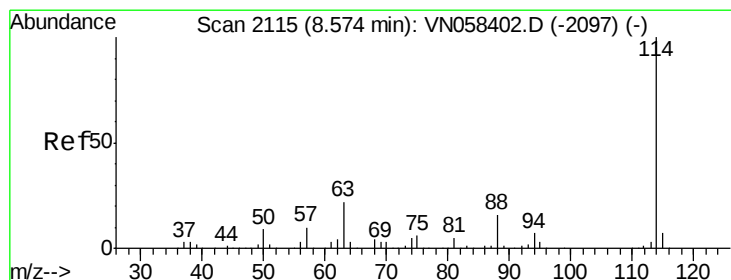
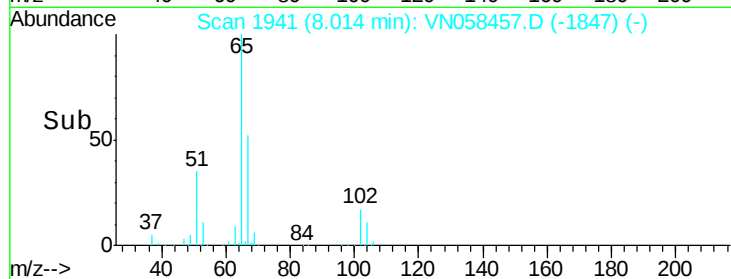
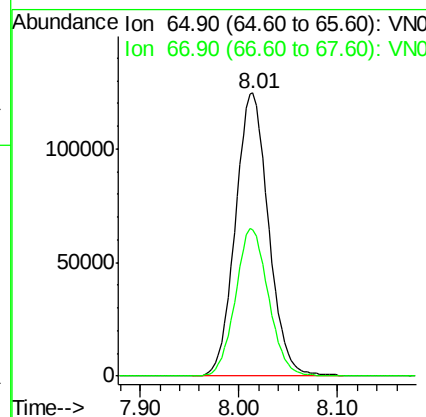
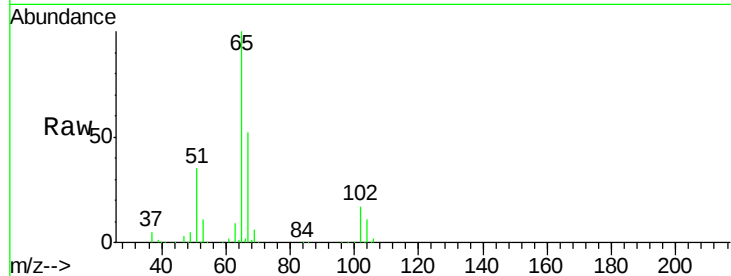
#33
 1,2-Dichloroethane-d4
 Concen: 49.875 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058457.D
 Acq: 1 Oct 2019 12:13

Instrument :
 MSVOA_N
 ClientSampled :
 FIELD-BLANK

Tot Ion	Ratio	Resp	Lower	Upper
65	100	291468		
67	51.9	0.0	102.4	

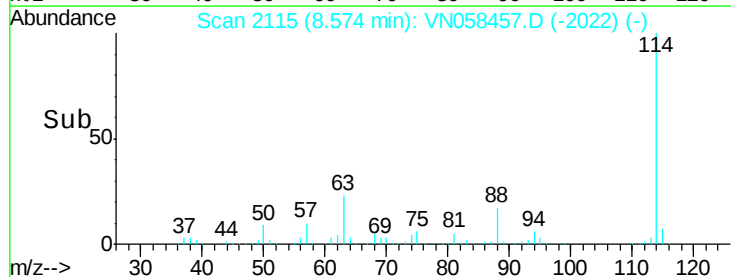
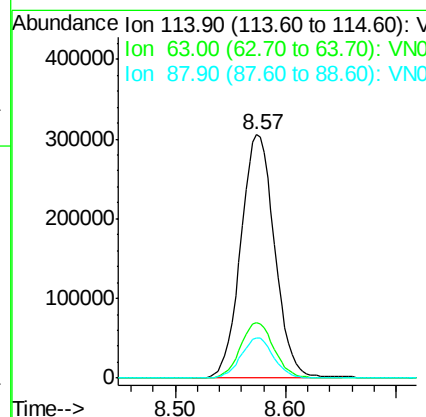
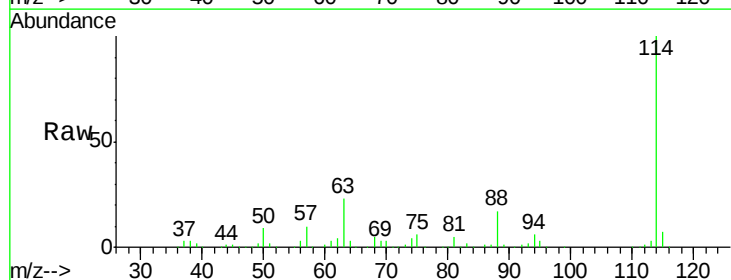
Manual Integrations
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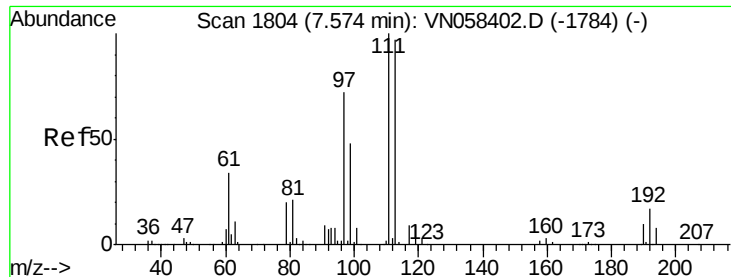
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058457.D
 Acq: 1 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	649207		
63	22.6	0.0	45.0	
88	16.6	0.0	32.2	





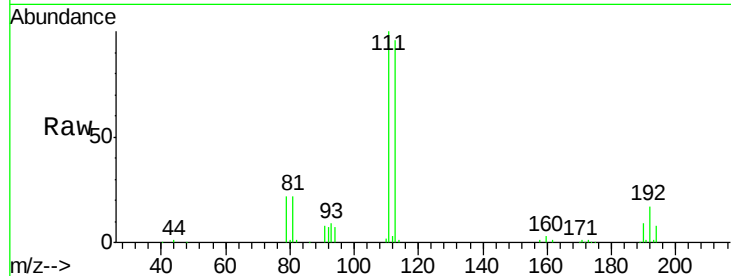
#35
Dibromofluoromethane
Concen: 51.420 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058457.D
Acq: 1 Oct 2019 12:13

Instrument :
MSVOA_N
ClientSampled :
FIELD-BLANK

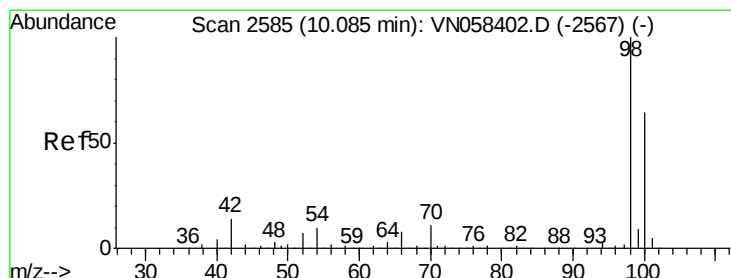
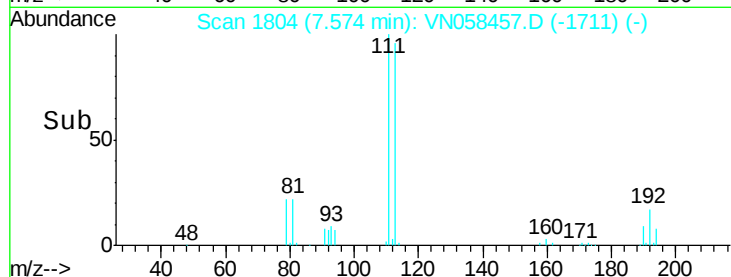
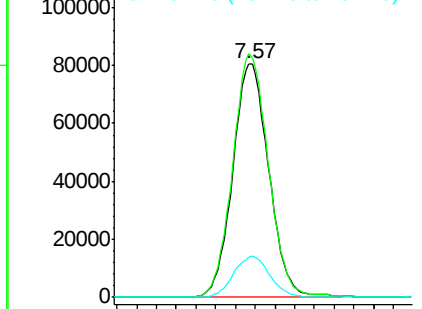
Tot Ion	Ratio	Resp	Lower	Upper
113	100	204596		
111	103.6	83.4	125.2	
192	17.8	14.9	22.3	

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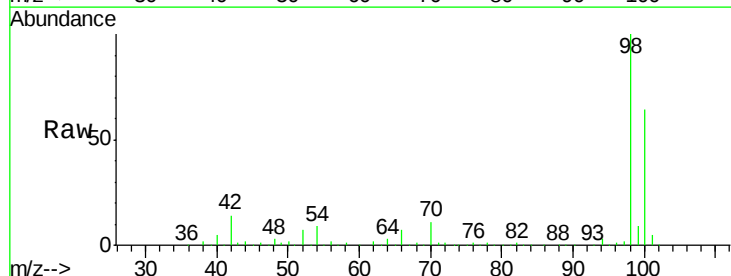


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

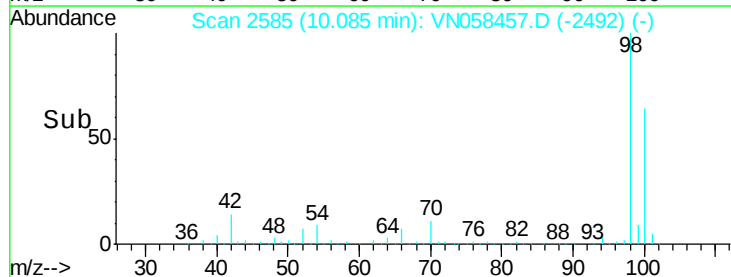
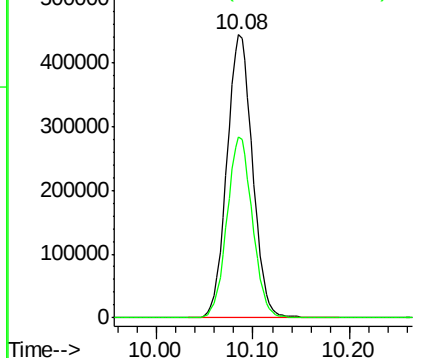


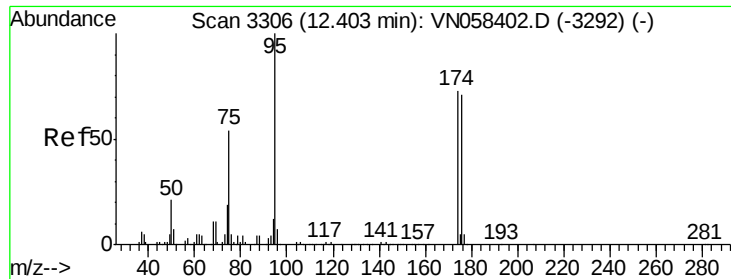
#50
Toluene-d8
Concen: 52.343 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058457.D
Acq: 1 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	815869		
100	63.5	51.0	76.6	



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





#62

4-Bromofluorobenzene

Concen: 44.916 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058457.D

Acq: 1 Oct 2019 12:13

Instrument :

MSVOA_N

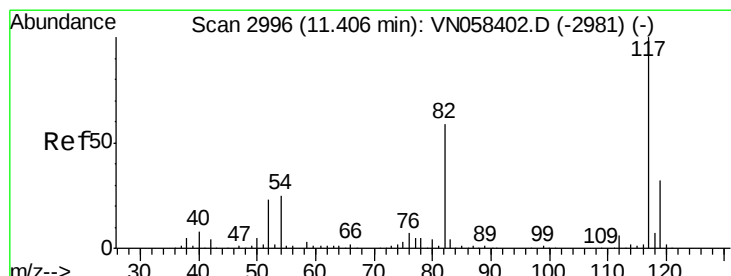
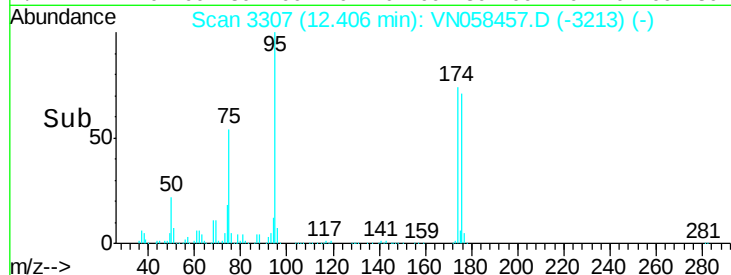
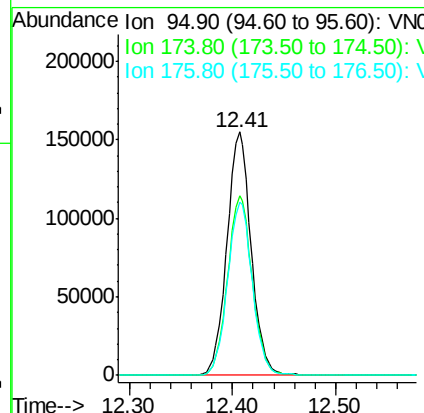
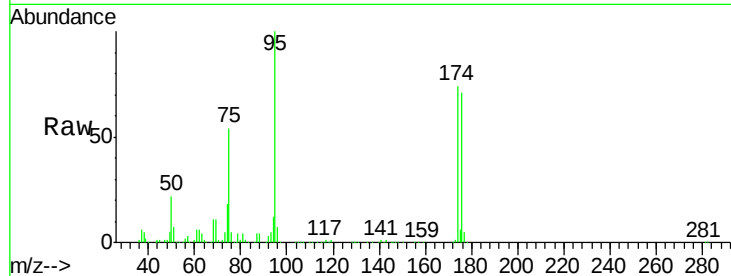
ClientSampled :

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Tot Ion:	95	Resp:	253149
Ion Ratio	Lower	Upper	
95	100		
174	75.5	0.0	150.6
176	72.7	0.0	146.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

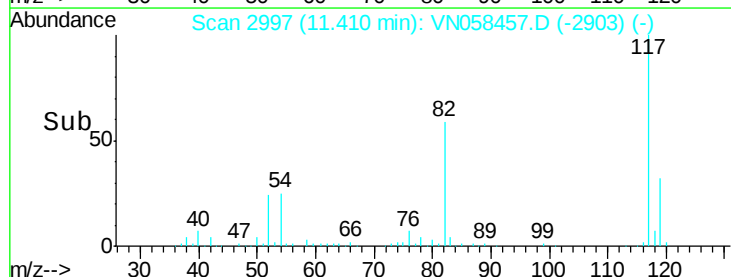
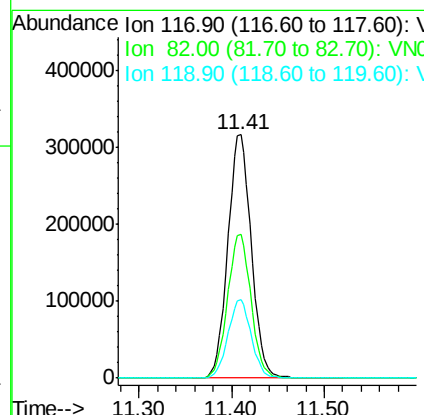
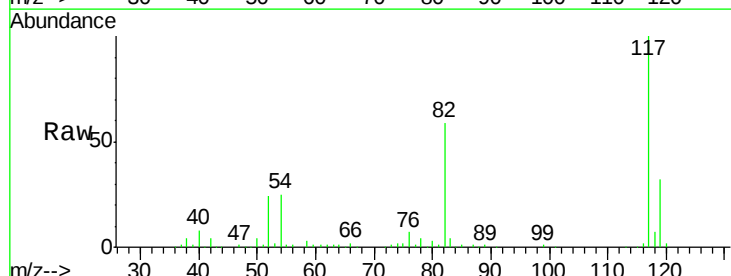
RT: 11.41 min Scan# 2997

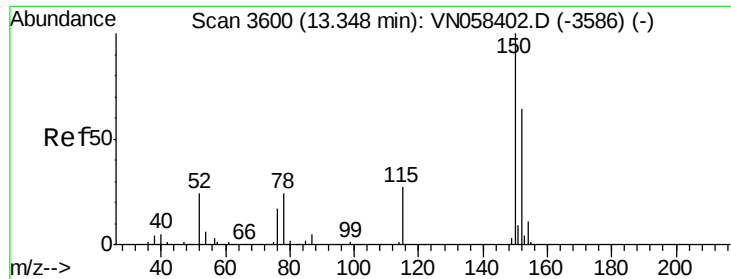
Delta R.T. 0.00 min

Lab File: VN058457.D

Acq: 1 Oct 2019 12:13

Tgt Ion:	117	Resp:	552559
Ion Ratio	Lower	Upper	
117	100		
82	59.0	47.4	71.0
119	32.2	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058457.D

Acq: 1 Oct 2019 12:13

Instrument :

MSVOA_N

ClientSampleId :

FIELD-BLANK

Tot Ion:152 Resp: 208179

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

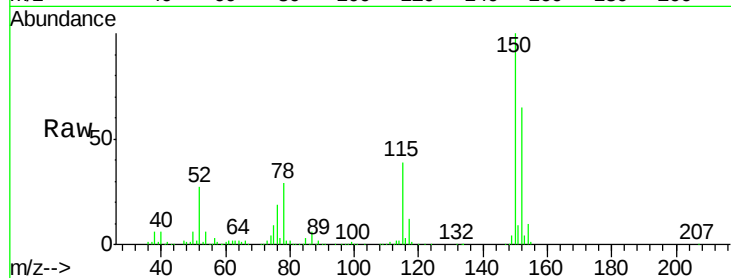
150 156.5 0.0 348.2

Manual Integrations

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10/3/2019 12:20:16 PM



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

