

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057418.D
 Acq On : 19 Aug 2019 23:37
 Operator : JC/SP
 Sample : K4386-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E2-(0)

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 9:45:41 AM

Quant Time: Aug 20 09:06:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	923689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1271315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1055744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	415853	41.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.82%	
35) Dibromofluoromethane	7.58	113	382588	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
50) Toluene-d8	10.08	98	1462502	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.40	95	382099	35.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.94%	
Target Compounds						
16) Acetone	3.81	43	10507m	3.016	ug/l	
43) Isopropyl Acetate	8.16	43	162934	8.760	ug/l #	83

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

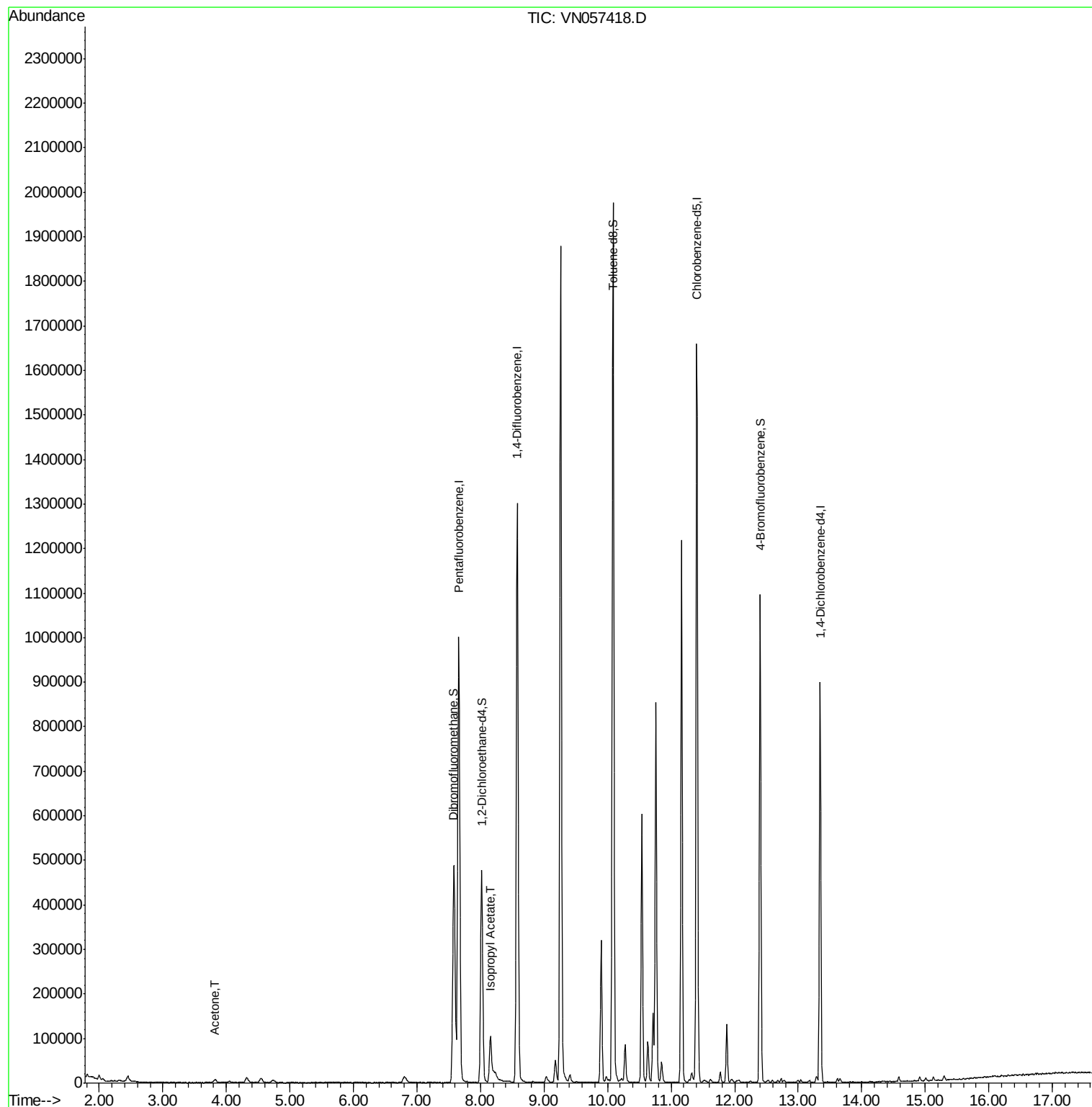
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Data File : VN057418.D
Acq On : 19 Aug 2019 23:37
Operator : JC/SP
Sample : K4386-21
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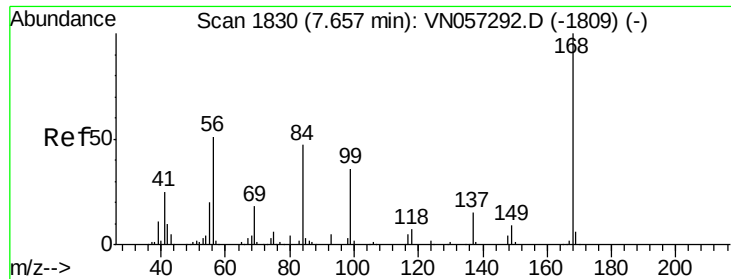
Instrument :
MSVOA_N
ClientSampleId :
T8-E2-(0)

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Quant Time: Aug 20 09:06:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampled :

T8-E2-(0)

Tot Ion:168 Resp: 923689

Ion Ratio Lower Upper

168 100

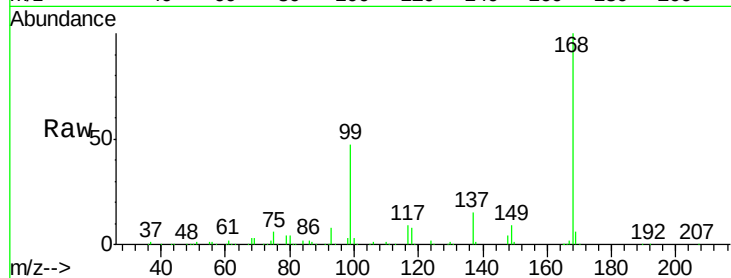
99 47.1 39.4 59.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN057418.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN057418.D (-1737) (-)

7.66

400000

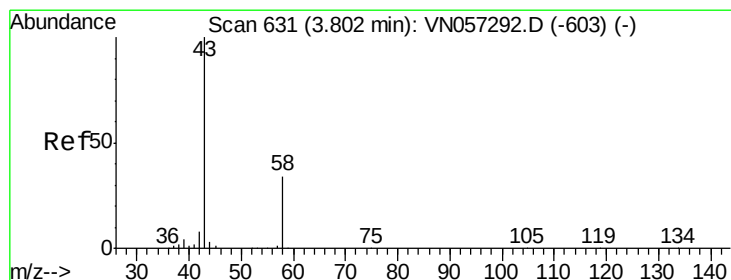
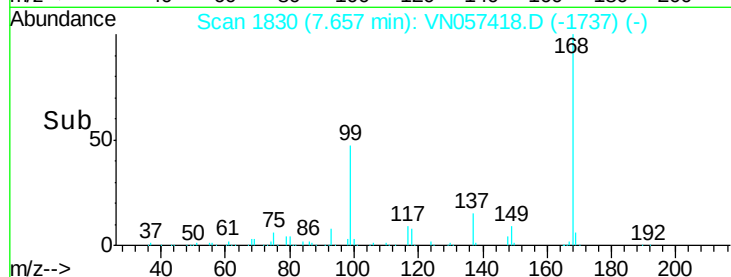
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.016 ug/l m

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057418.D

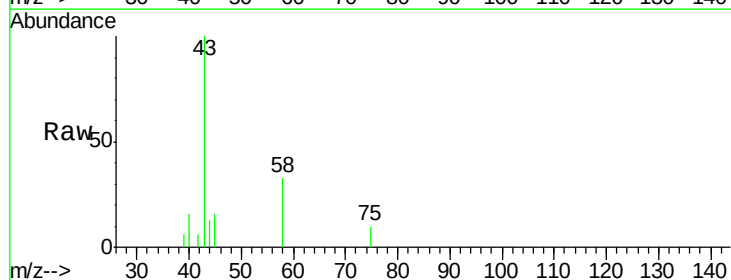
Acq: 19 Aug 2019 23:37

Tgt Ion: 43 Resp: 10507

Ion Ratio Lower Upper

43 100

58 32.8 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN057418.D (-538) (-)

Ion 58.00 (57.70 to 58.70): VN057418.D (-538) (-)

3.81

4000

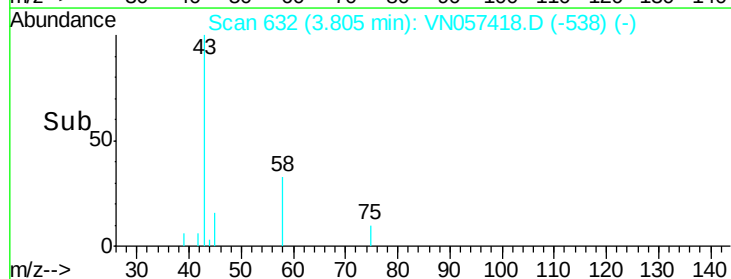
3000

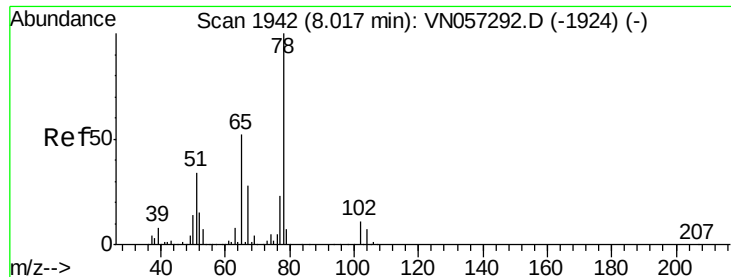
2000

1000

0

Time-->





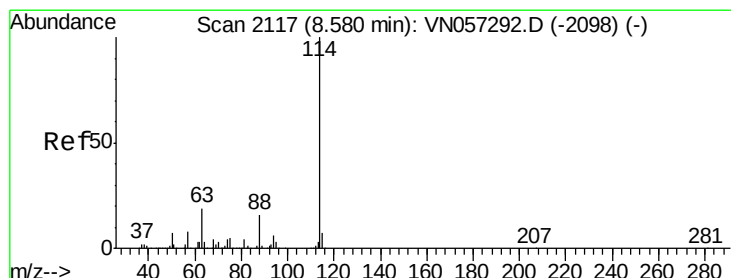
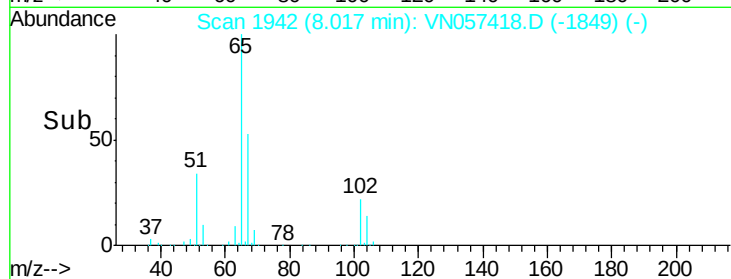
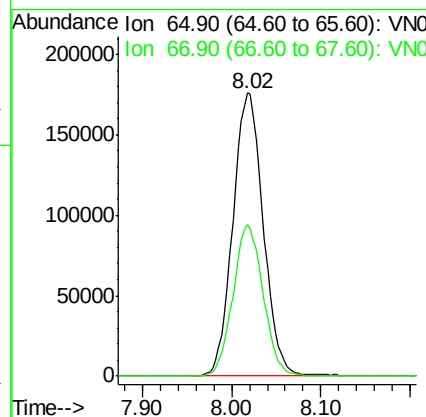
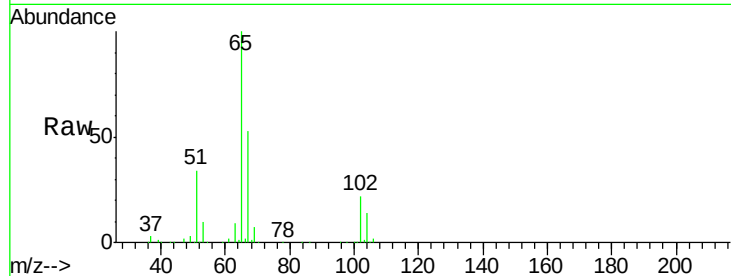
#33
 1,2-Dichloroethane-d4
 Concen: 41.413 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E2-(0)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	415853		
67	52.8	0.0	107.4	

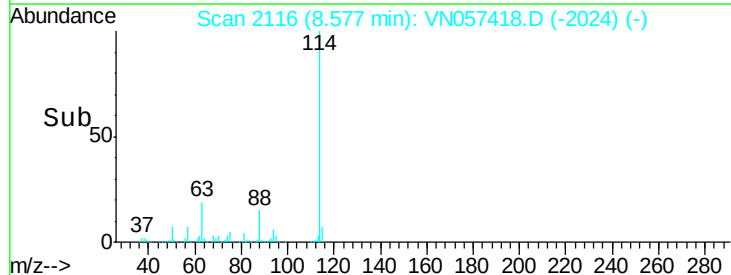
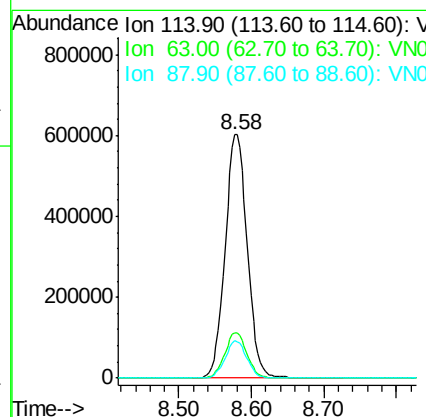
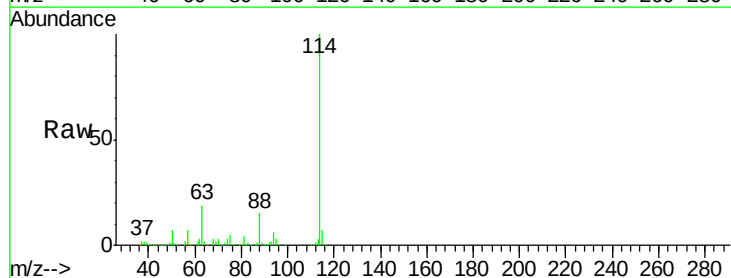
Manual Integrations
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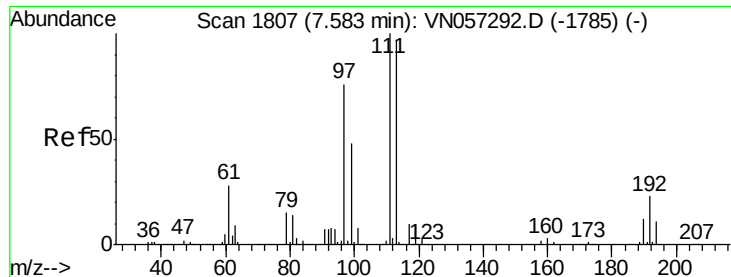
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1271315		
63	18.7	0.0	38.8	
88	15.2	0.0	31.4	





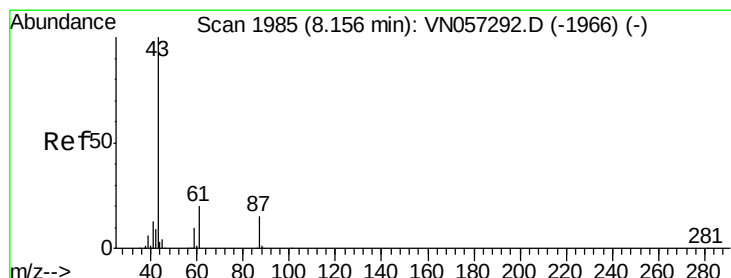
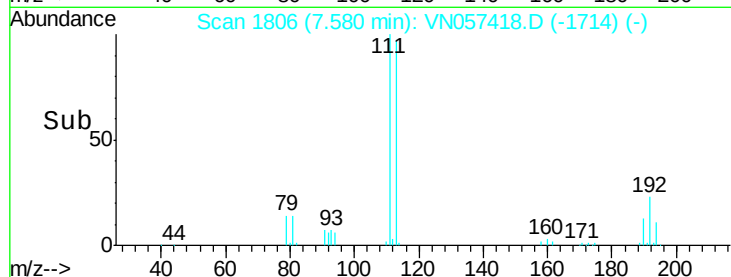
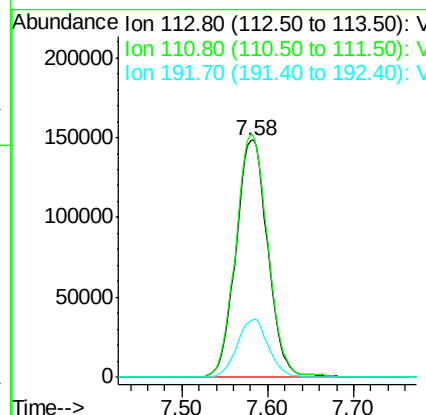
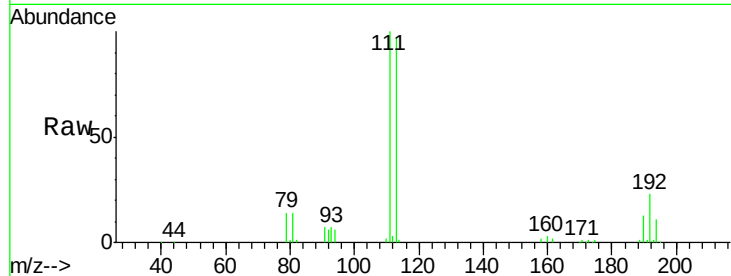
#35
 Dibromofluoromethane
 Concen: 45.908 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E2-(0)

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	82.1	123.1	
192	24.0	19.3	28.9	

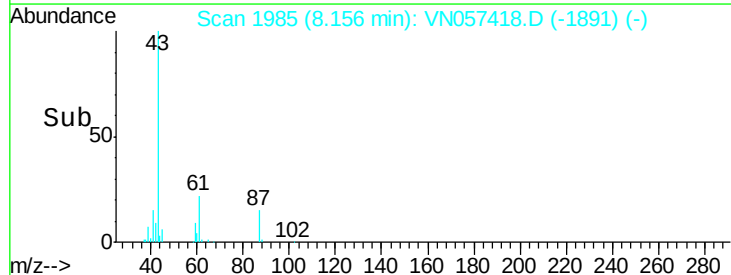
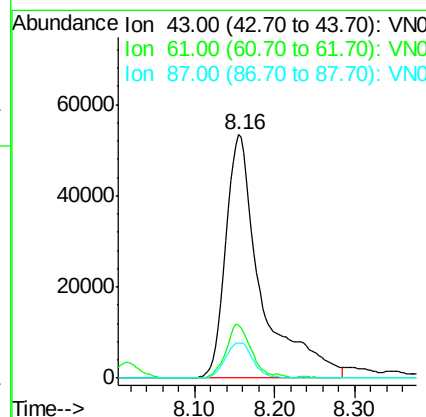
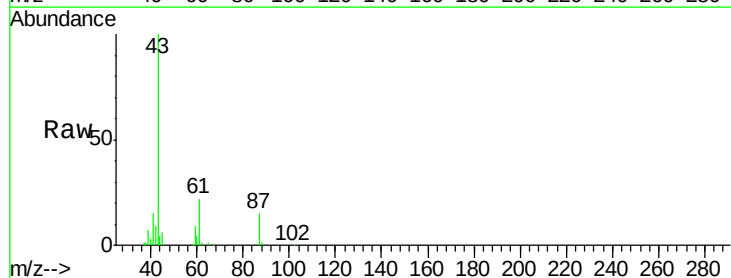
Manual Integrations
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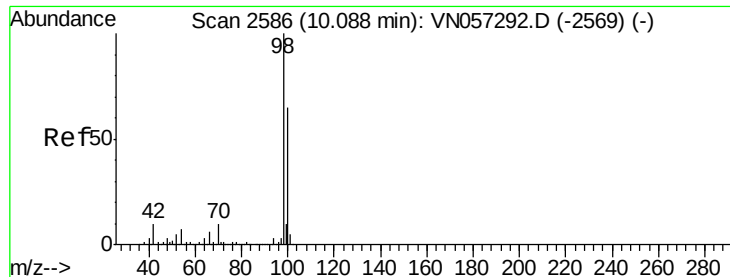
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#43
 Isopropyl Acetate
 Concen: 8.760 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057418.D
 Acq: 19 Aug 2019 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	15.5	21.6	32.4#	
87	11.1	11.4	17.0#	





#50

Toluene-d8

Concen: 47.981 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

Instrument :

MSVOA_N

ClientSampleId :

T8-E2-(0)

Tot Ion: 98 Resp: 1462502

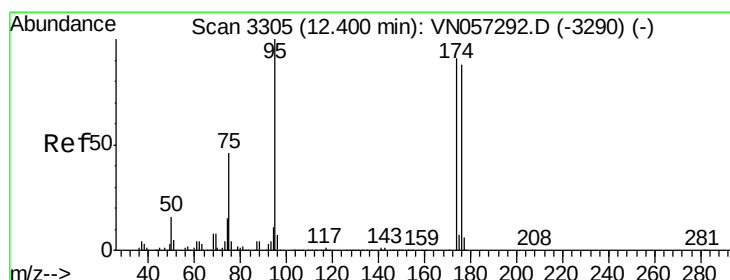
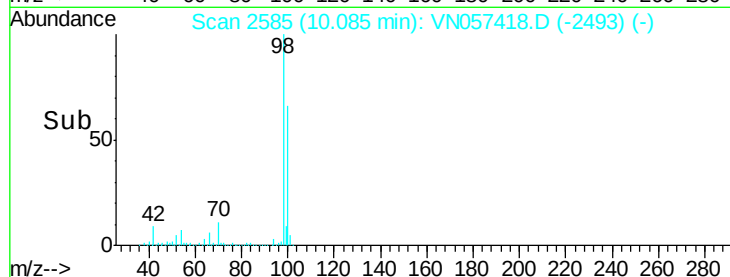
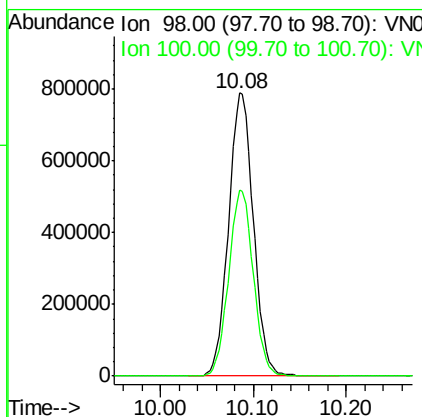
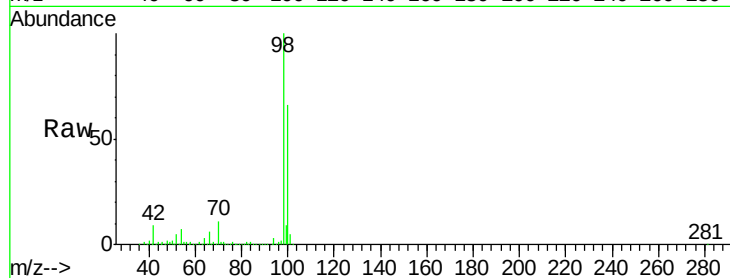
Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 35.472 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057418.D

Acq: 19 Aug 2019 23:37

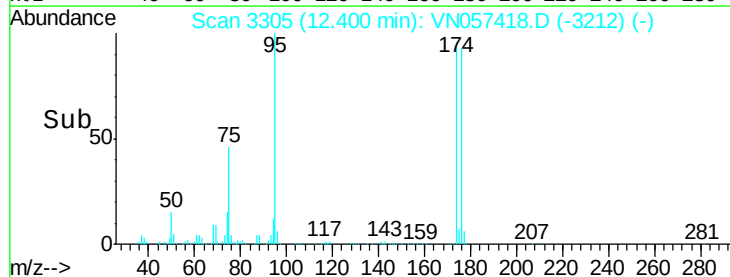
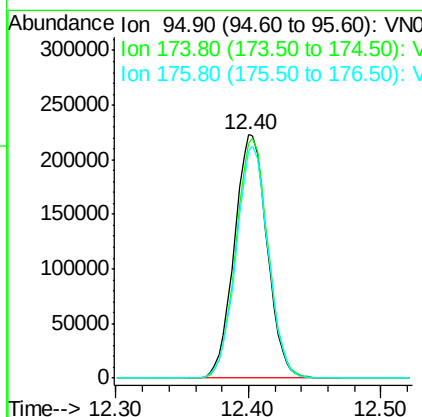
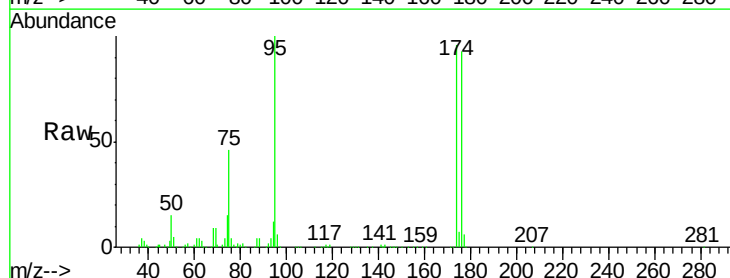
Tgt Ion: 95 Resp: 382099

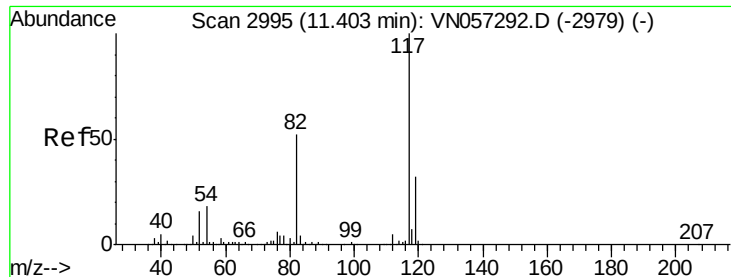
Ion Ratio Lower Upper

95 100

174 96.8 0.0 185.0

176 93.1 0.0 181.0





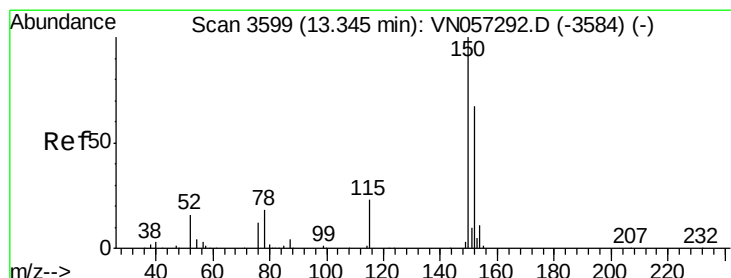
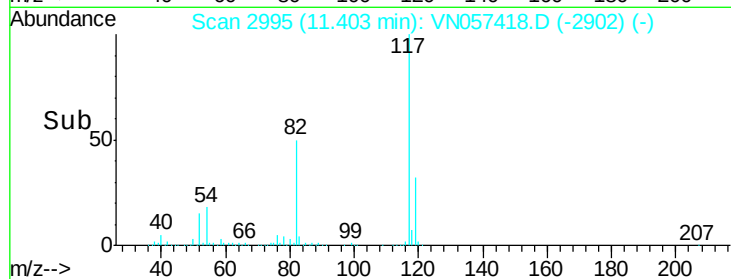
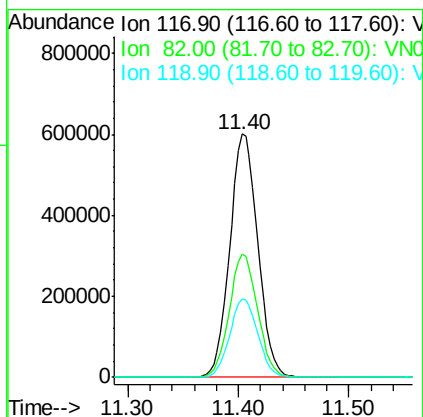
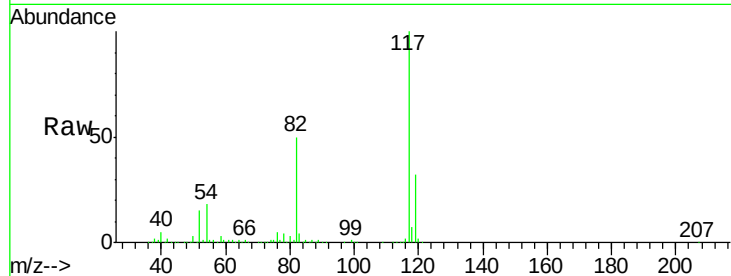
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057418.D
Acq: 19 Aug 2019 23:37

Instrument :
MSVOA_N
ClientSampled :
T8-E2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.2	61.8
119	32.0	25.8	38.8

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057418.D
Acq: 19 Aug 2019 23:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.3	81.9
150	157.3	0.0	344.4

