

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054602.D
 Acq On : 23 Mar 2019 14:09
 Operator : JC/SP
 Sample : K1912-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M3-T2-UV(PRE)

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 10:23:38 AM

Quant Time: Mar 25 04:07:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	611167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	973436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	802010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	281764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	430259	56.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.20%	
35) Dibromofluoromethane	7.59	113	332874	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
50) Toluene-d8	10.09	98	1281200	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
62) 4-Bromofluorobenzene	12.40	95	387834	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.75	101	8108m	1.423	ug/l	Qvalue
32) 1,1,1-Trichloroethane	7.56	97	3857	0.406	ug/l #	37
44) Trichloroethene	8.83	130	8939	1.235	ug/l	78

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

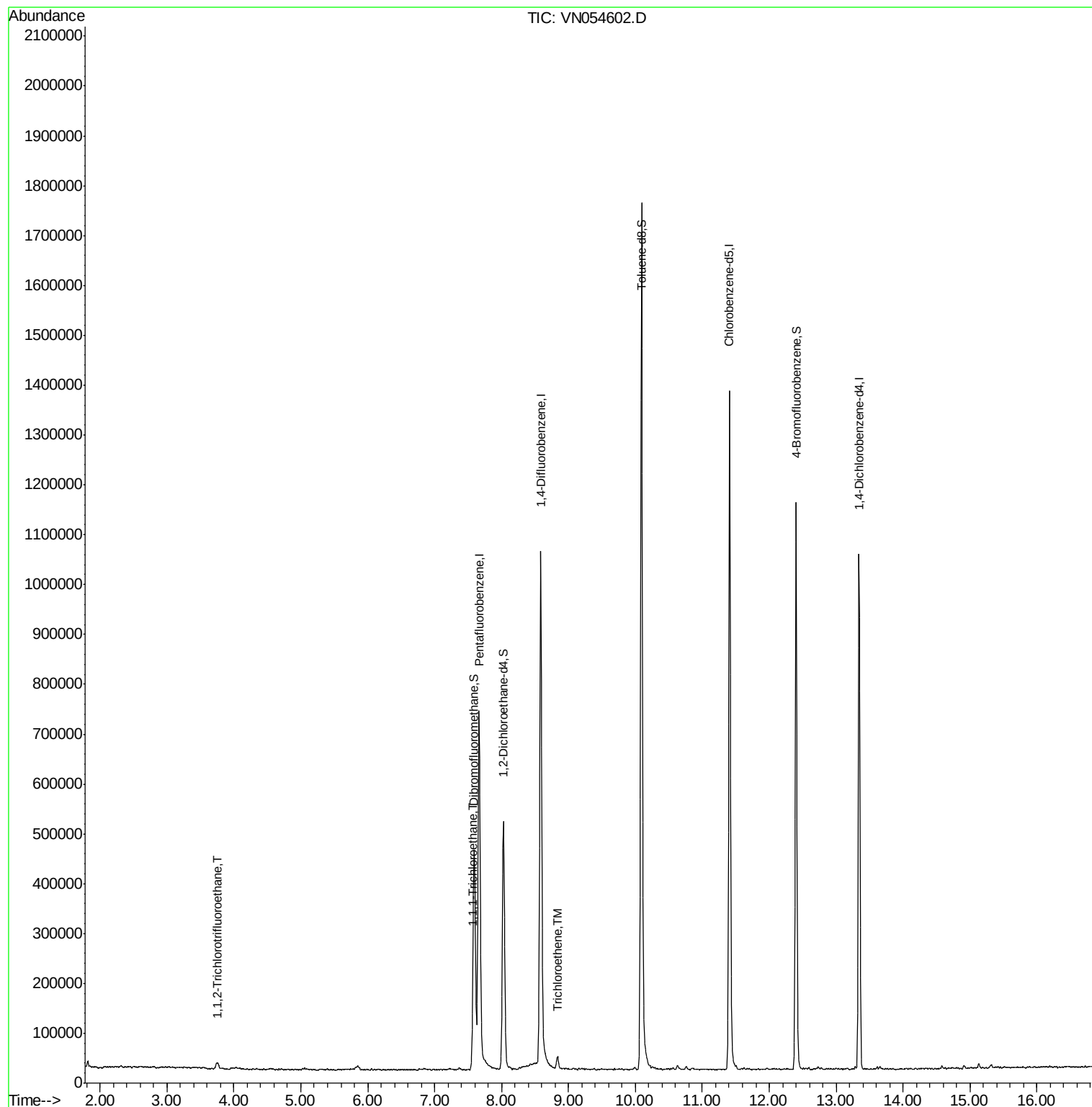
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
Data File : VN054602.D
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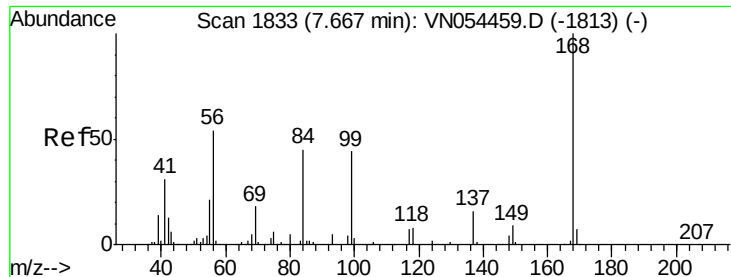
Instrument :
MSVOA_N
ClientSampleId :
M3-T2-UV(PRE)

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Quant Time: Mar 25 04:07:31 2019
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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054602.D

Acq: 23 Mar 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

M3-T2-UV(PRE)

Tot Ion:168 Resp: 611167

Ion Ratio Lower Upper

168 100

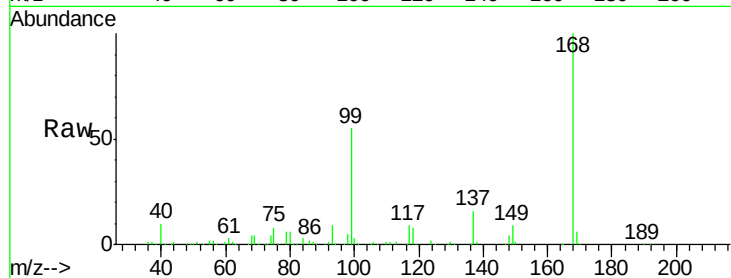
99 54.9 37.1 55.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

150000

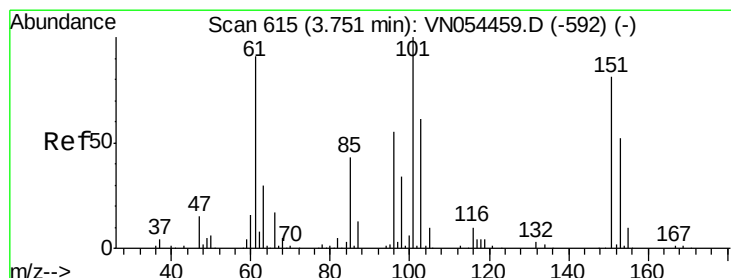
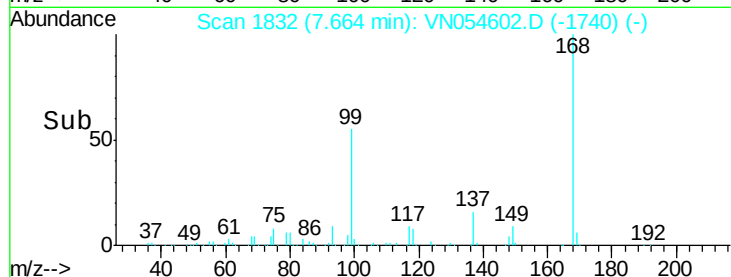
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.423 ug/l m

RT: 3.75 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN054602.D

Acq: 23 Mar 2019 14:09

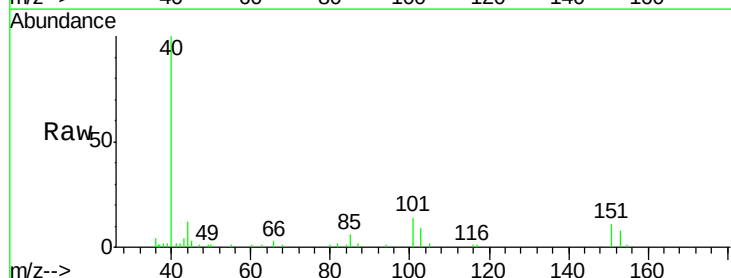
Tgt Ion:101 Resp: 8108

Ion Ratio Lower Upper

101 100

85 30.6 32.4 48.6#

151 78.1 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.75

3000

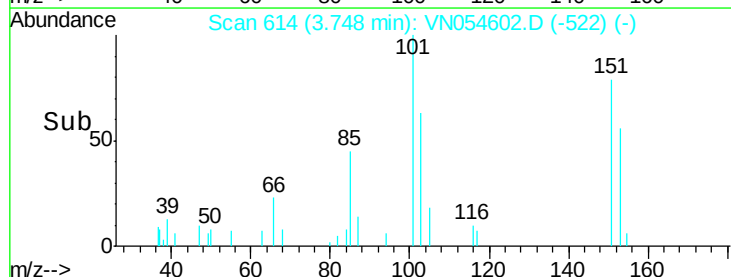
2000

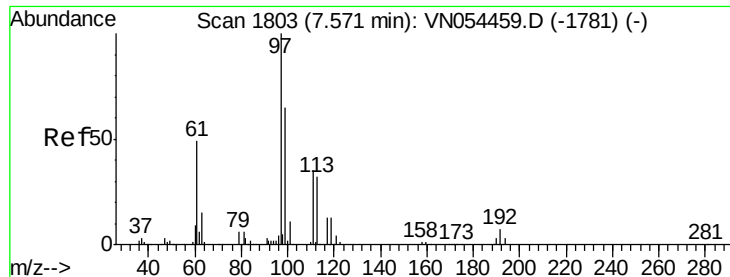
1000

0

3.65 3.70 3.75 3.80 3.85

Time-->





#32

1,1,1-Trichloroethane

Concen: 0.406 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VN054602.D

Acq: 23 Mar 2019 14:09

Instrument :

MSVOA_N

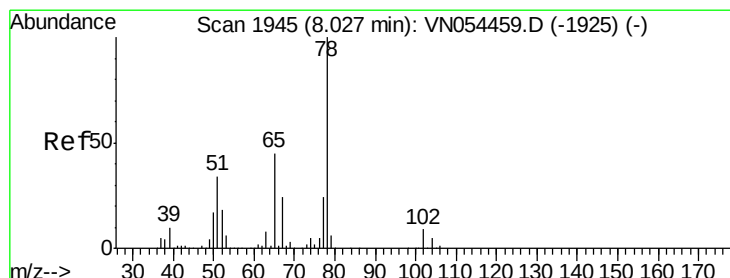
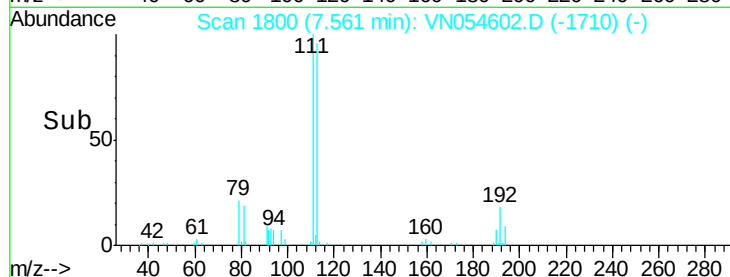
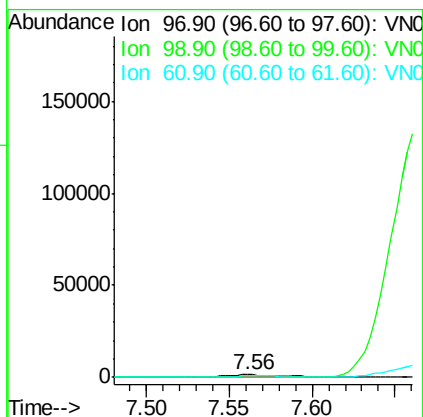
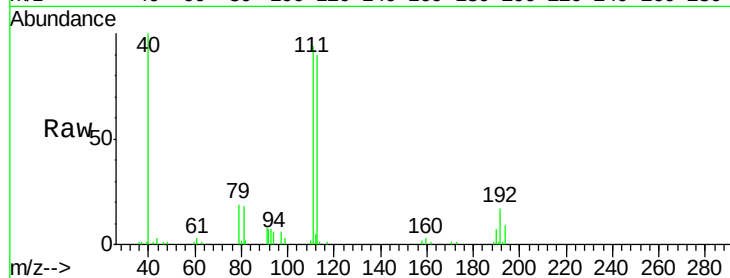
ClientSampleId :

M3-T2-UV(PRE)

Tot Ion:	97	Resp:	3857
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.5	77.3#
61	21.2	33.6	50.4#

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#33

1,2-Dichloroethane-d4

Concen: 56.599 ug/l

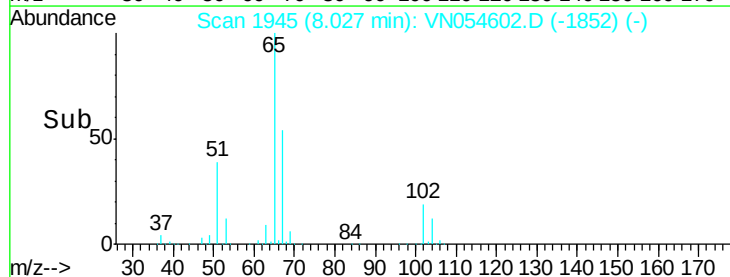
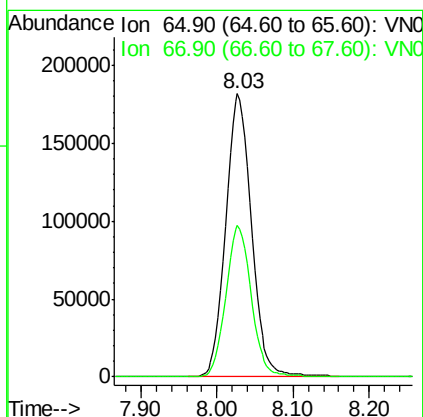
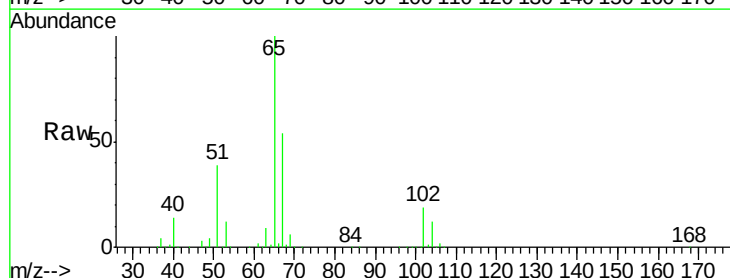
RT: 8.03 min Scan# 1945

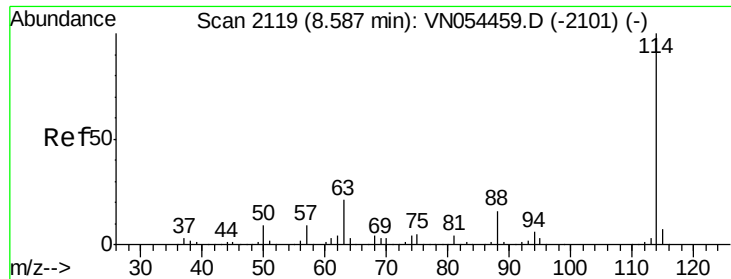
Delta R.T. -0.00 min

Lab File: VN054602.D

Acq: 23 Mar 2019 14:09

Tgt Ion:	65	Resp:	430259
Ion Ratio	Lower	Upper	
65	100		
67	52.7	0.0	104.6





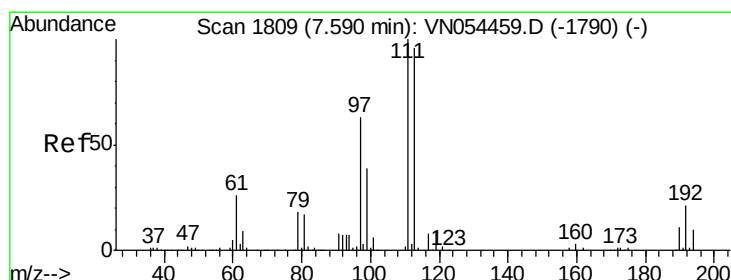
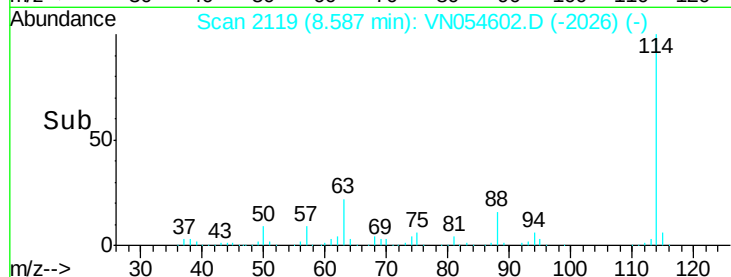
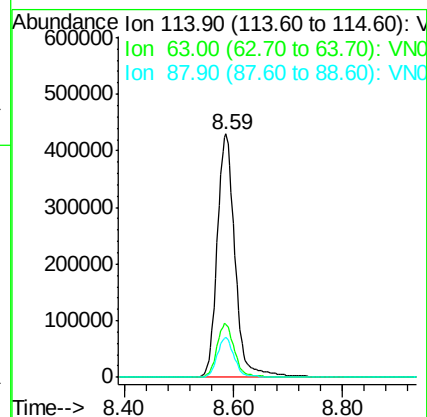
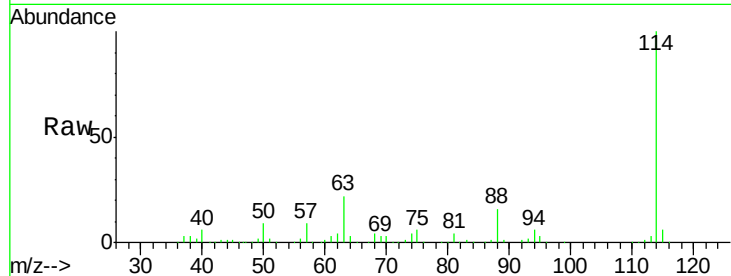
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054602.D
 Acq: 23 Mar 2019 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 M3-T2-UV(PRE)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	973436		
63	22.0		0.0	35.2
88	16.3		0.0	30.2

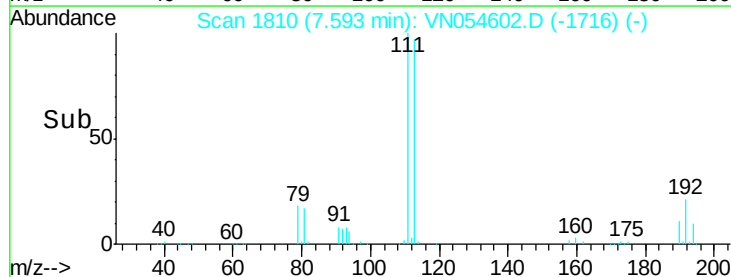
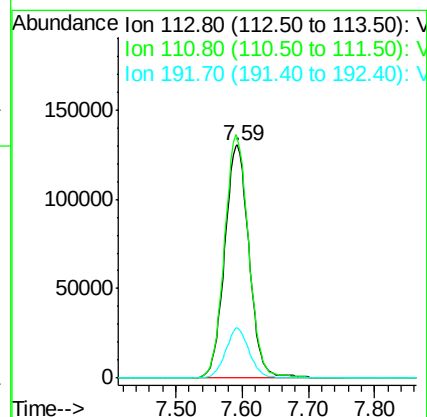
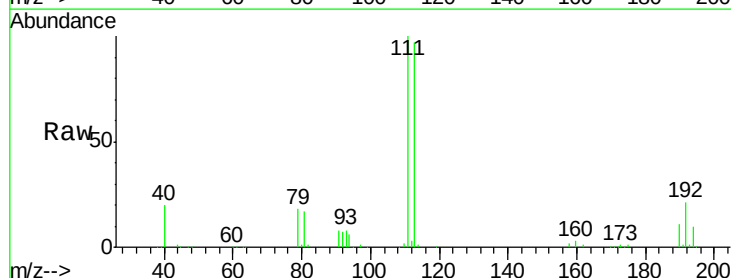
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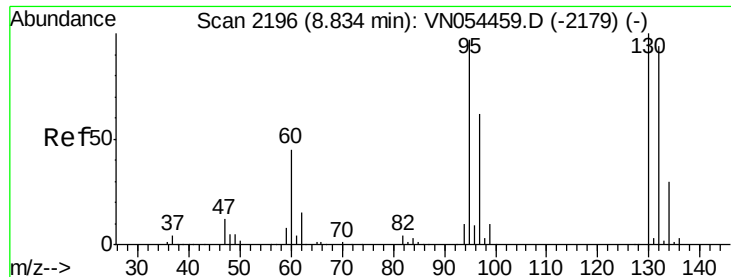
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 3/25/2019 10:23:38 AM



#35
 Dibromofluoromethane
 Concen: 53.079 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054602.D
 Acq: 23 Mar 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	332874		
111	103.6		82.2	123.4
192	20.7		19.2	28.8





#44

Trichloroethene

Concen: 1.235 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054602.D

Acq: 23 Mar 2019 14:09

Instrument :

MSVOA_N

ClientSampled :

M3-T2-UV(PRE)

Tot Ion:130 Resp: 8939

Ion Ratio Lower Upper

130 100

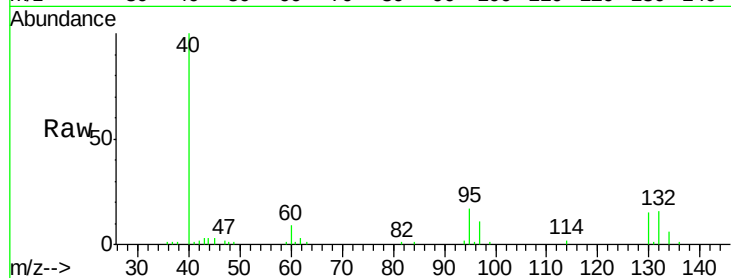
95 113.8 0.0 185.2

Manual Integrations

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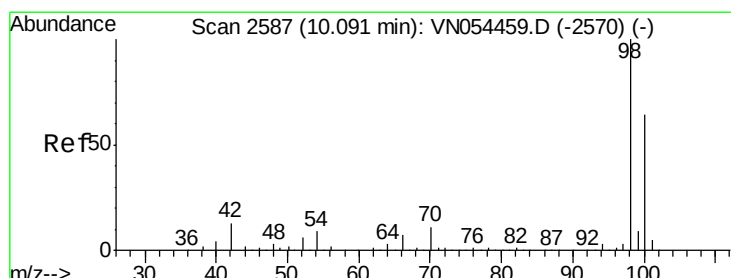
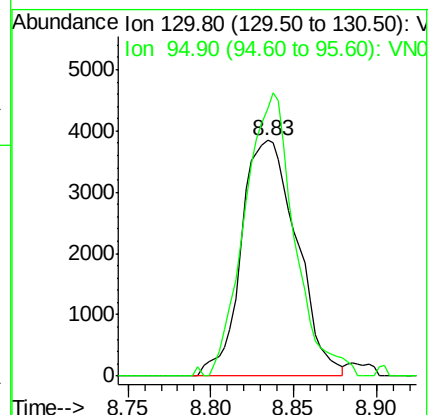
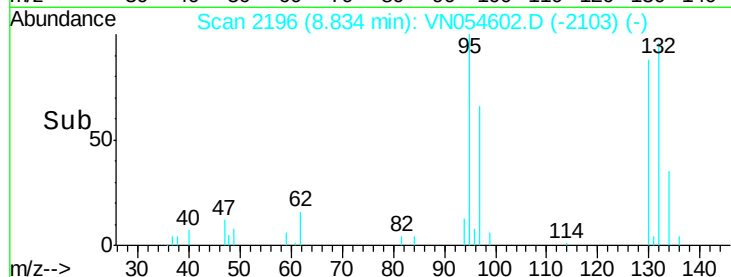
3/25/2019 10:23:38 AM



Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)

8.83



#50

Toluene-d8

Concen: 54.342 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054602.D

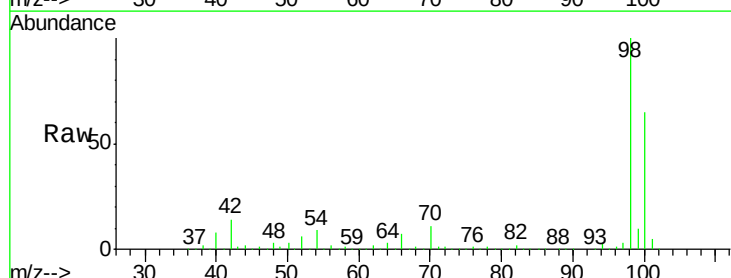
Acq: 23 Mar 2019 14:09

Tgt Ion: 98 Resp: 1281200

Ion Ratio Lower Upper

98 100

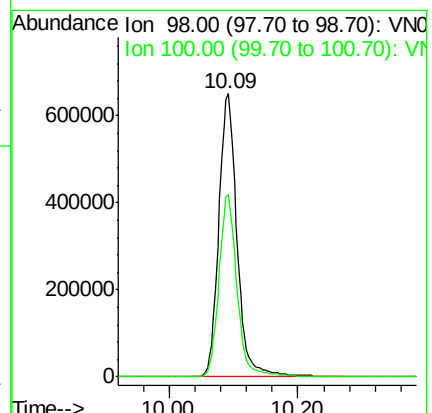
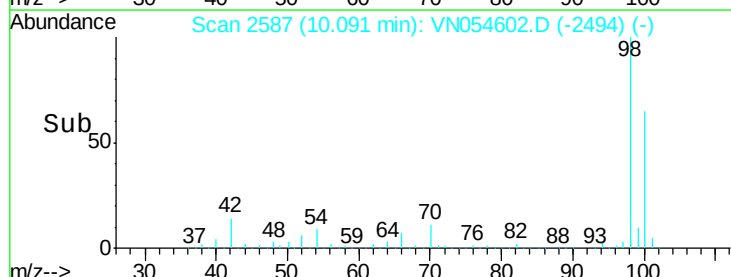
100 63.4 51.2 76.8

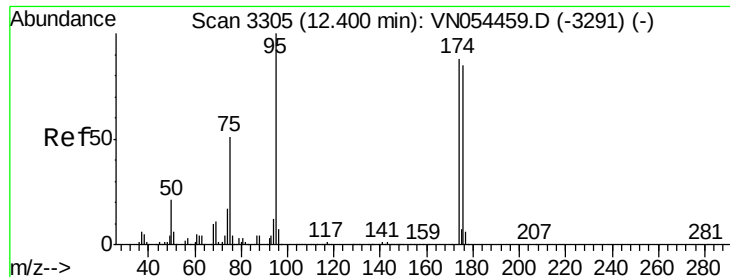


Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

10.09





#62

4-Bromofluorobenzene

Concen: 48.342 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054602.D

Acq: 23 Mar 2019 14:09

Instrument :

MSVOA_N

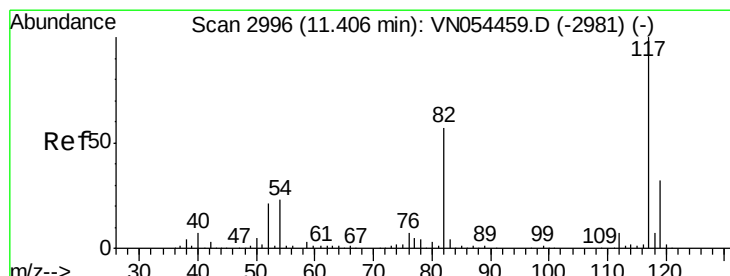
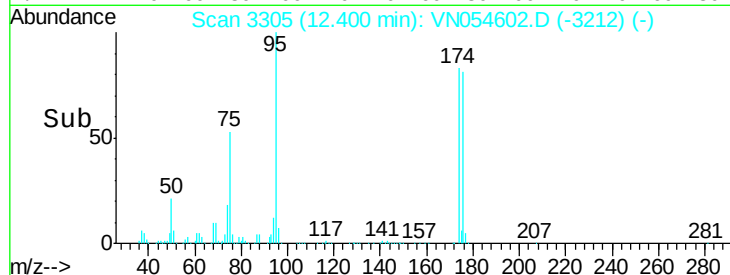
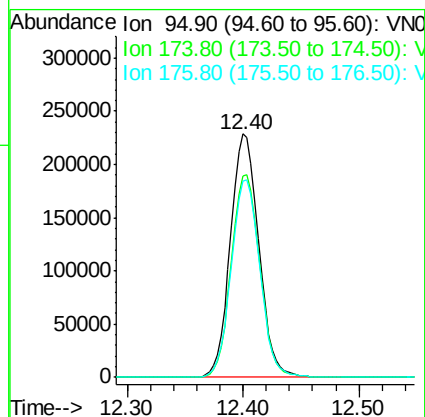
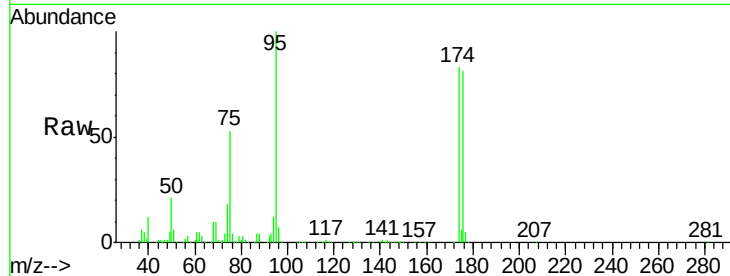
ClientSampleId :

M3-T2-UV(PRE)

Tot Ion:	95	Resp:	387834
Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	191.0
176	81.9	0.0	187.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

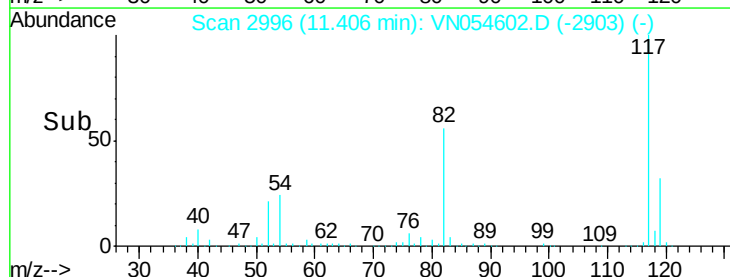
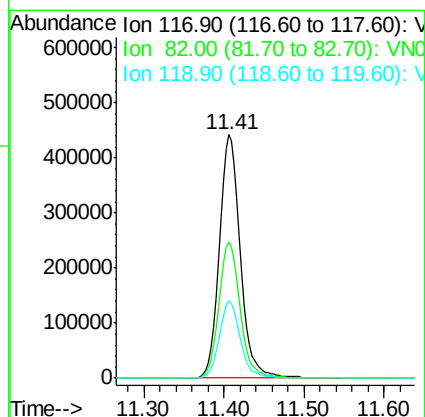
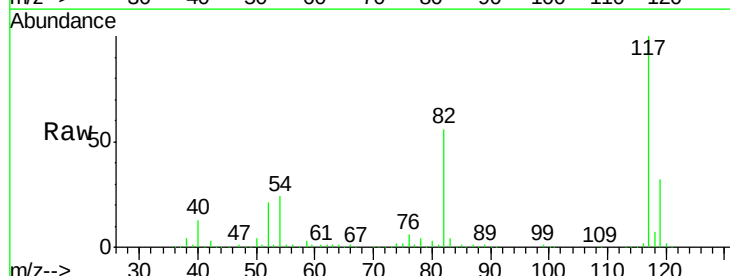
RT: 11.41 min Scan# 2996

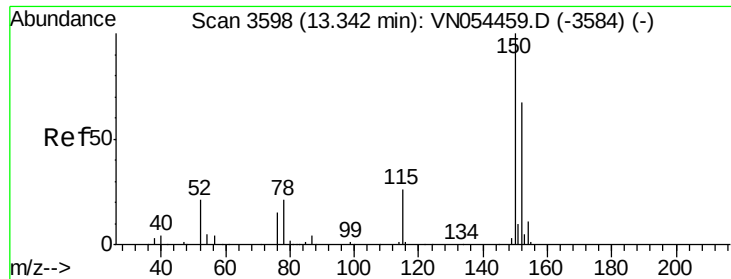
Delta R.T. -0.00 min

Lab File: VN054602.D

Acq: 23 Mar 2019 14:09

Tgt Ion:	117	Resp:	802010
Ion	Ratio	Lower	Upper
117	100		
82	56.0	40.0	60.0
119	31.7	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054602.D

Acq: 23 Mar 2019 14:09

Instrument :

MSVOA_N

ClientSampleId :

M3-T2-UV(PRE)

Tot Ion:152 Resp: 281764

Ion Ratio Lower Upper

152 100

115 58.0 27.2 81.6

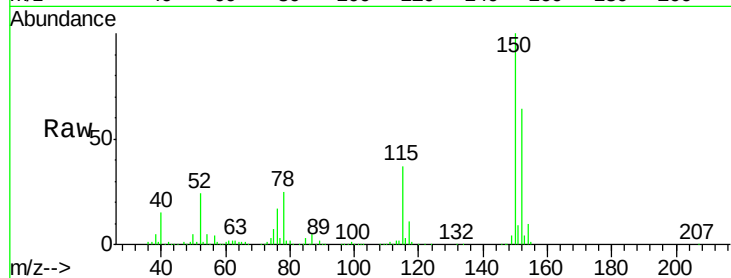
150 158.3 0.0 349.2

Manual Integrations

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3/25/2019 10:23:38 AM



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

