

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058246.D
 Acq On : 20 Sep 2019 13:47
 Operator : JC/SP
 Sample : K4974-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D1-20190917

Manual Integrations
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 9/23/2019 3:29:58 PM

Quant Time: Sep 23 04:29:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	510871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	823593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	695424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	368602	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	7.58	113	255255	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
50) Toluene-d8	10.08	98	1047209	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.40	95	327997	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.75	101	2625m	0.636	ug/l	Qvalue
16) Acetone	3.80	43	9834	4.072	ug/l	91
18) Methyl Acetate	4.31	43	5775	0.909	ug/l #	82
44) Trichloroethene	8.82	130	125914	28.364	ug/l	98
64) Tetrachloroethene	10.63	164	2957	0.872	ug/l #	79

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

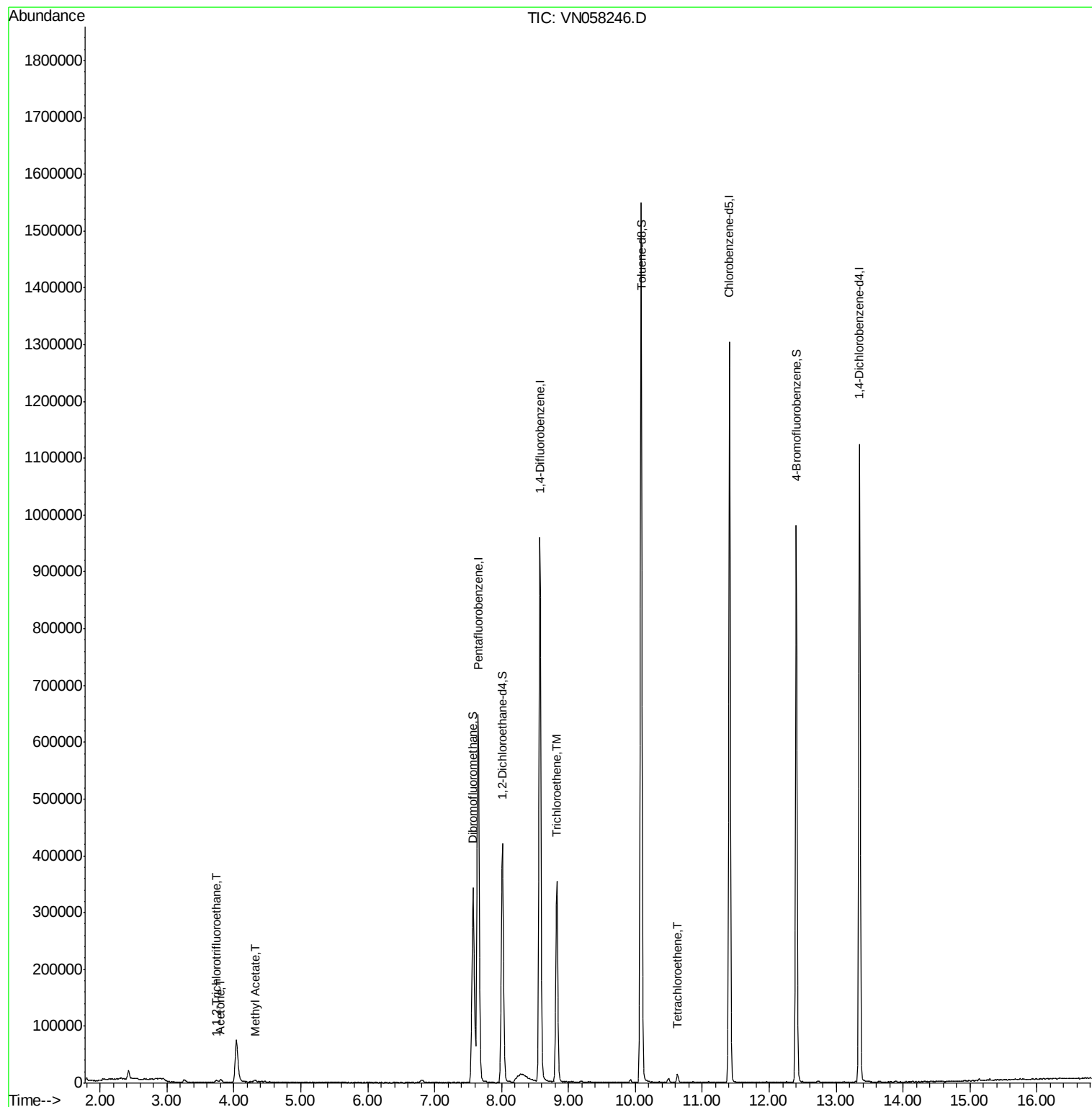
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Data File : VN058246.D
Acq On : 20 Sep 2019 13:47
Operator : JC/SP
Sample : K4974-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

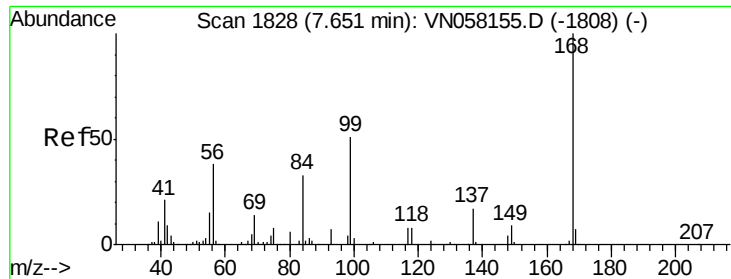
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20190917

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Quant Time: Sep 23 04:29:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058246.D

Acq: 20 Sep 2019 13:47

Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20190917

Tot Ion:168 Resp: 510871

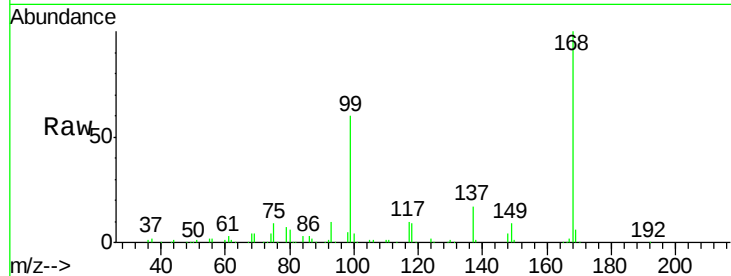
Ion Ratio Lower Upper

168 100

99 59.5 47.4 71.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

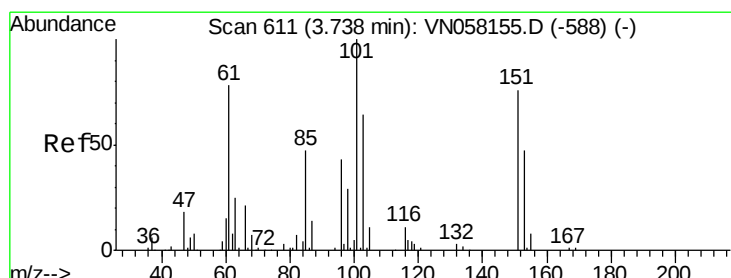
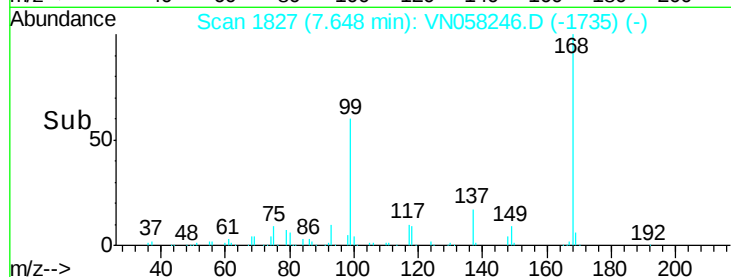
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.636 ug/l m

RT: 3.75 min Scan# 616

Delta R.T. 0.02 min

Lab File: VN058246.D

Acq: 20 Sep 2019 13:47

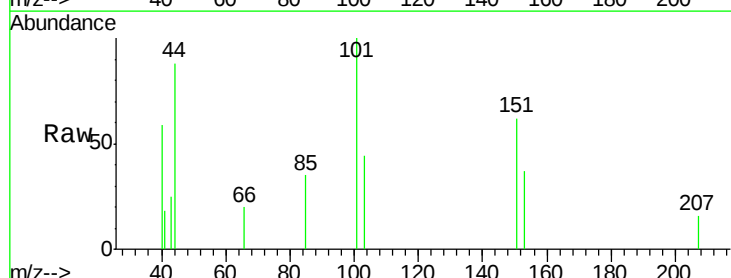
Tgt Ion:101 Resp: 2625

Ion Ratio Lower Upper

101 100

85 22.8 37.3 55.9#

151 82.1 59.6 89.4



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

1200

1000

800

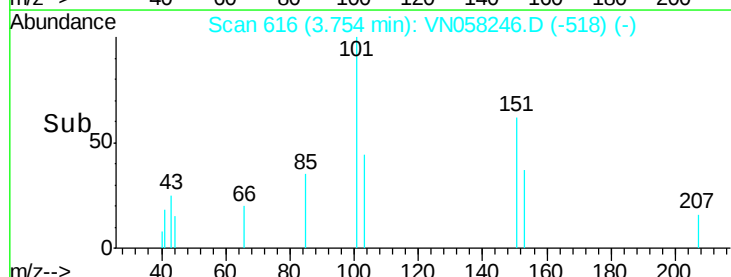
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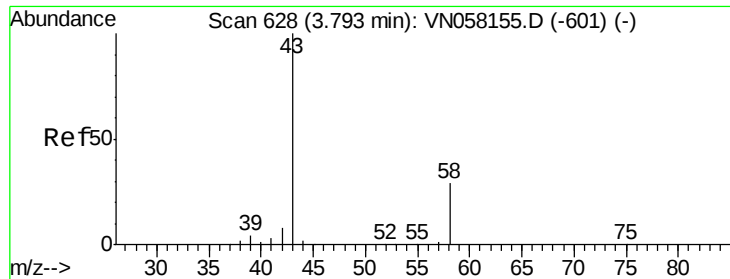
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200

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Time-->





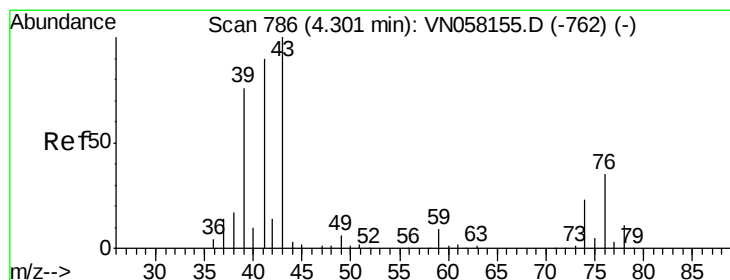
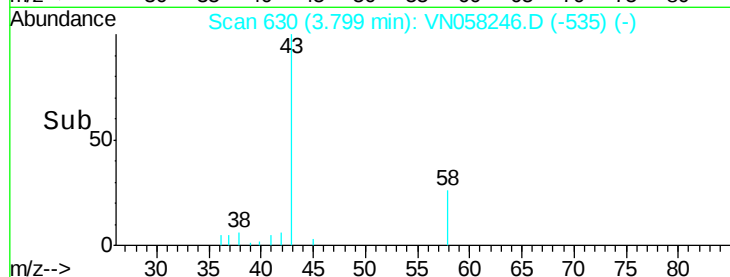
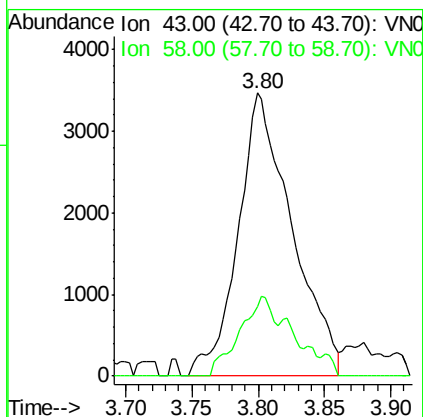
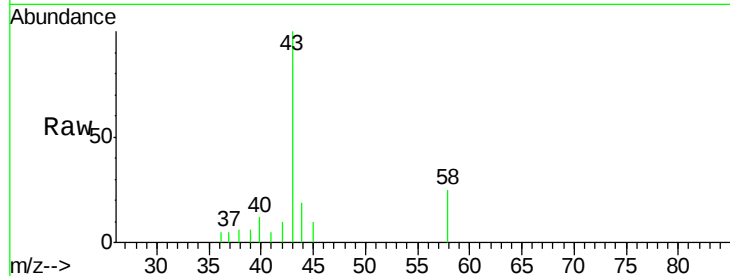
#16
Acetone
Concen: 4.072 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN058246.D
Acq: 20 Sep 2019 13:47

Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20190917

Tot Ion: 43 Resp: 9834
Ion Ratio Lower Upper
43 100
58 24.6 23.4 35.2

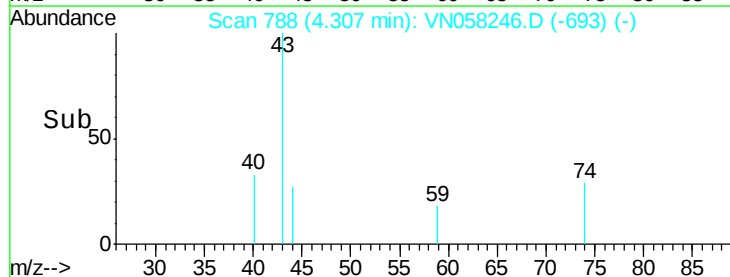
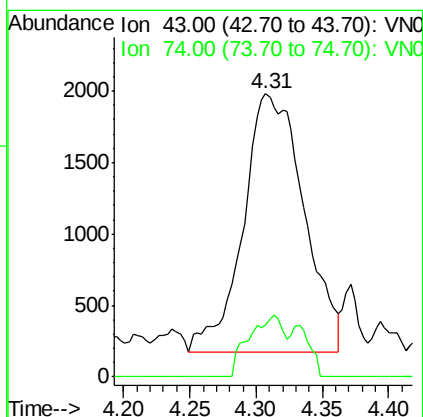
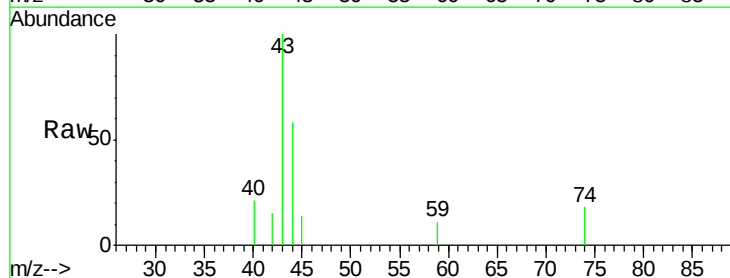
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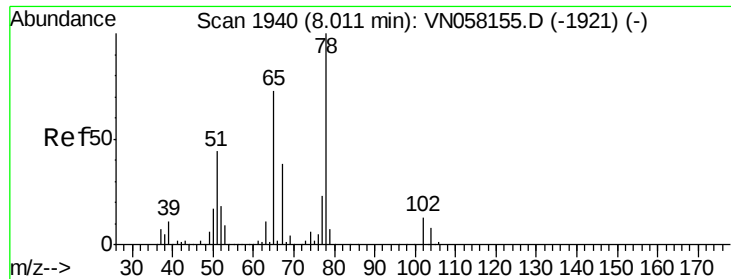
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#18
Methyl Acetate
Concen: 0.909 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058246.D
Acq: 20 Sep 2019 13:47

Tgt Ion: 43 Resp: 5775
Ion Ratio Lower Upper
43 100
74 13.8 18.0 27.0#





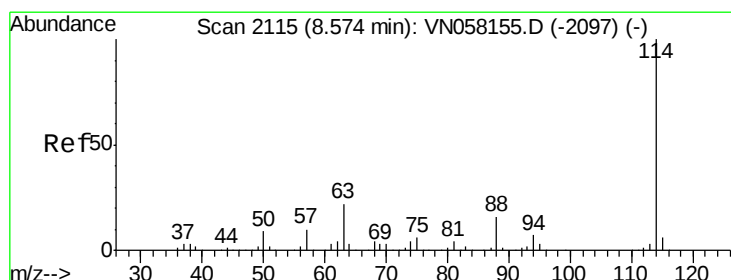
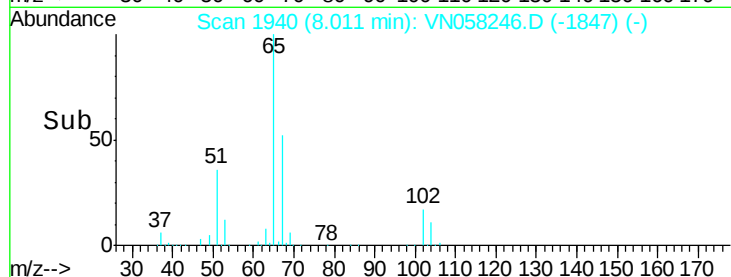
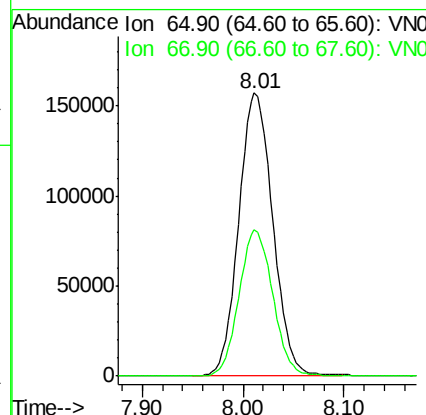
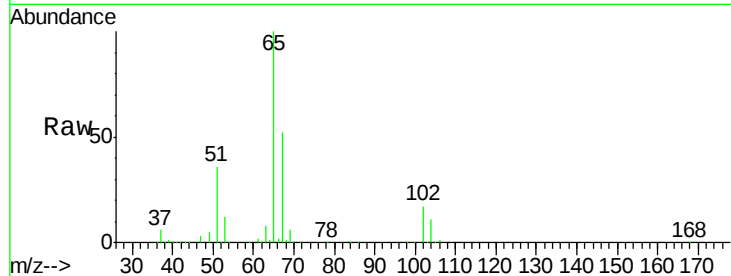
#33
 1,2-Dichloroethane-d4
 Concen: 51.803 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058246.D
 Acq: 20 Sep 2019 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D1-20190917

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.4

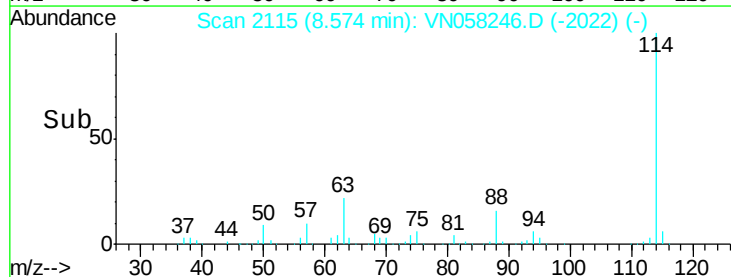
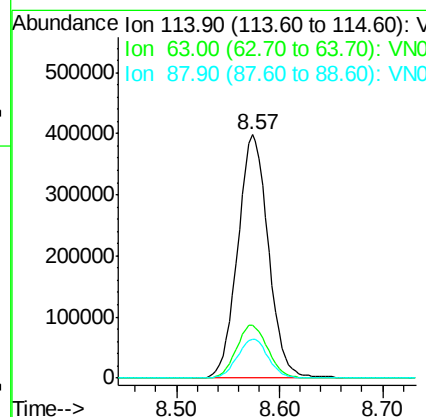
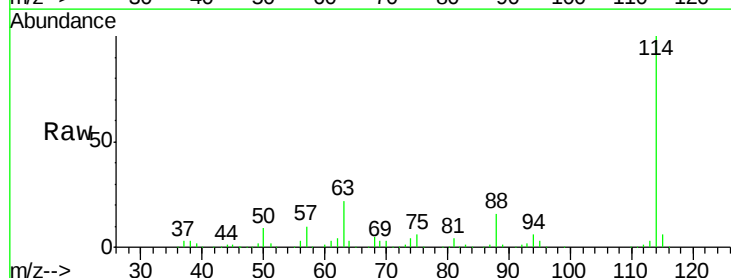
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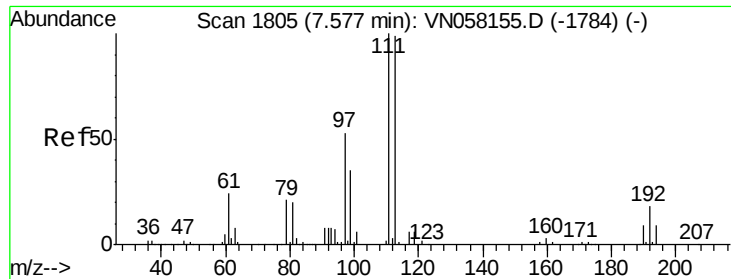
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058246.D
 Acq: 20 Sep 2019 13:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.2
88	16.1	0.0	31.6





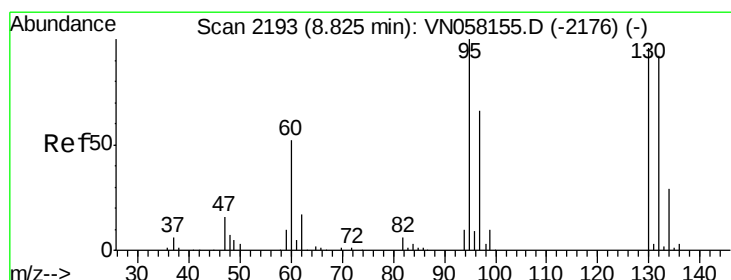
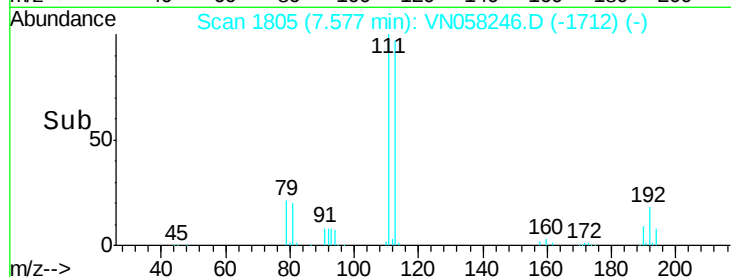
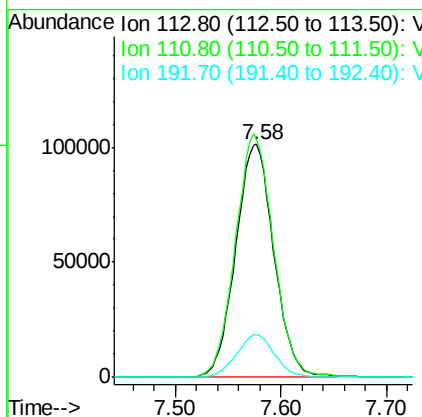
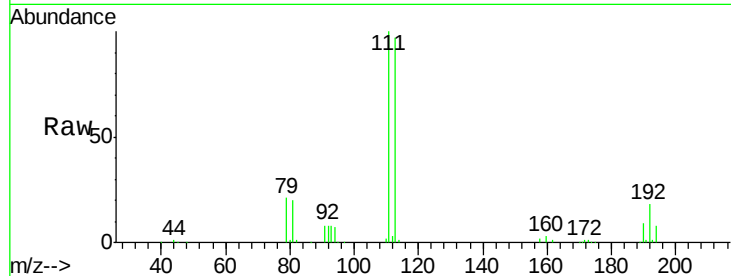
#35
Dibromofluoromethane
Concen: 50.982 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058246.D
Acq: 20 Sep 2019 13:47

Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20190917

Tot Ion	Ratio	Resp	Lower	Upper
113	100	255255		
111	104.3	81.8	122.6	
192	18.5	14.5	21.7	

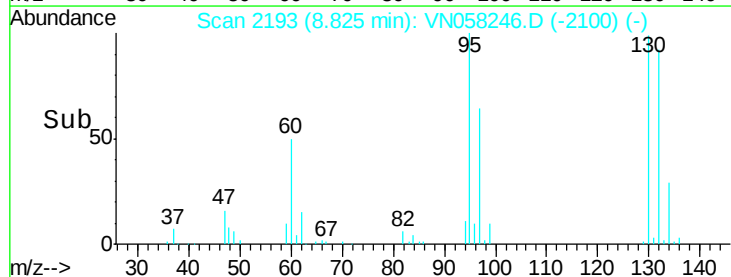
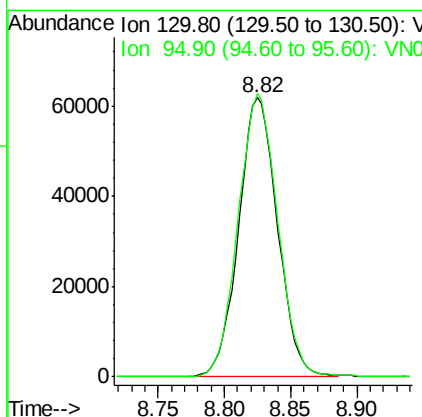
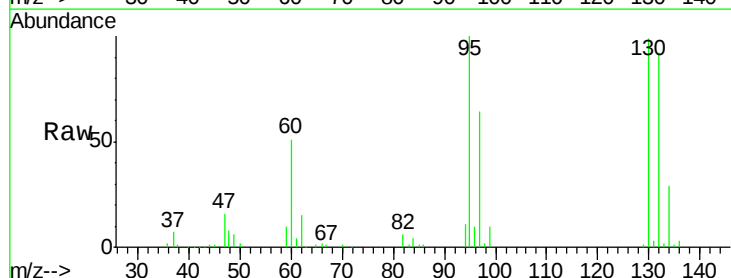
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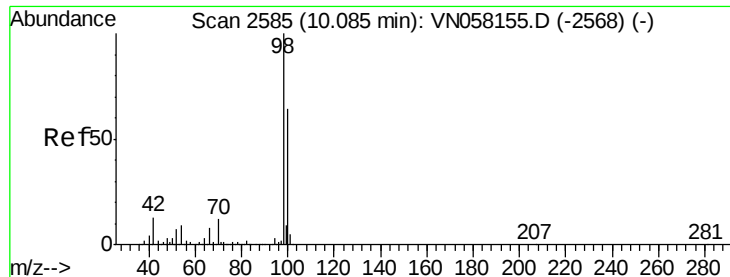
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#44
Trichloroethene
Concen: 28.364 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN058246.D
Acq: 20 Sep 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	125914		
95	101.4	0.0	207.8	





#50

Toluene-d8

Concen: 53.683 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058246.D

Acq: 20 Sep 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

RE109D1-20190917

Tot Ion: 98 Resp: 1047209

Ion Ratio Lower Upper

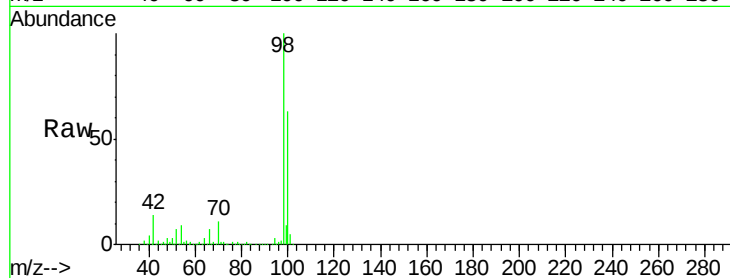
98 100

100 63.4 51.1 76.7

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Abundance Ion 98.00 (97.70 to 98.70): VN058155.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058155.D (-2568) (-)

10.08

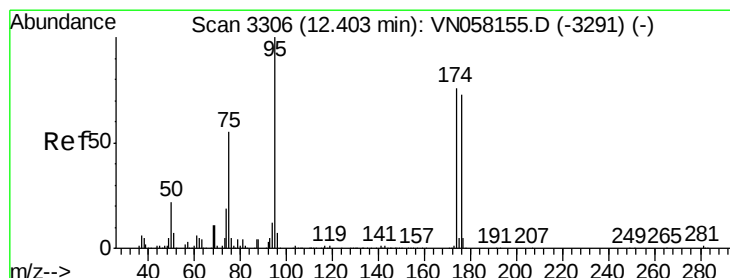
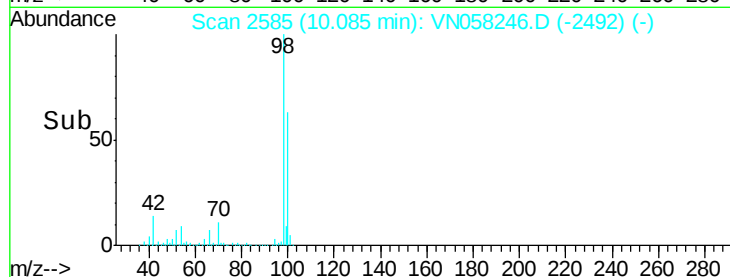
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.264 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058246.D

Acq: 20 Sep 2019 13:47

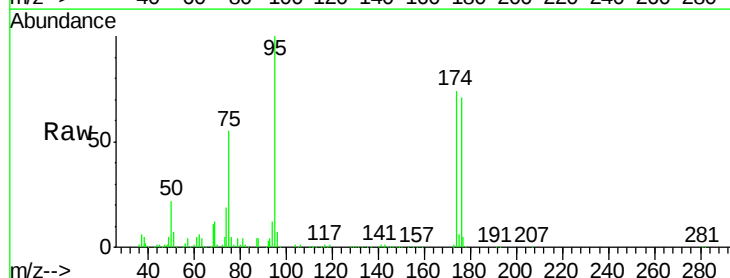
Tgt Ion: 95 Resp: 327997

Ion Ratio Lower Upper

95 100

174 76.2 0.0 152.2

176 73.2 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)

12.40

250000

200000

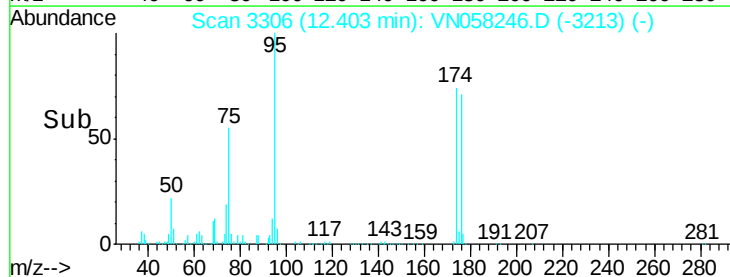
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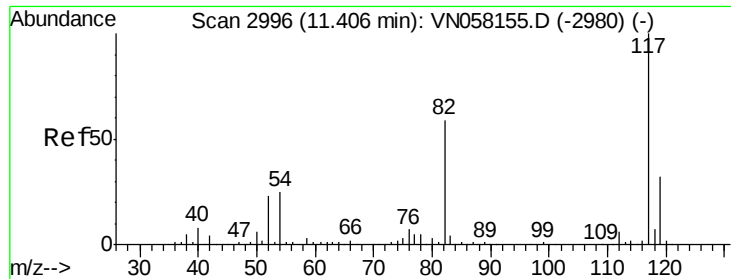
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50000

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Time-->





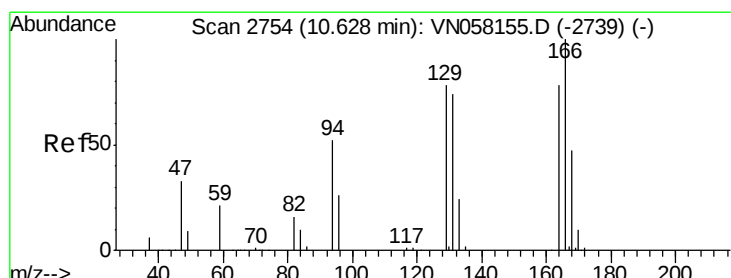
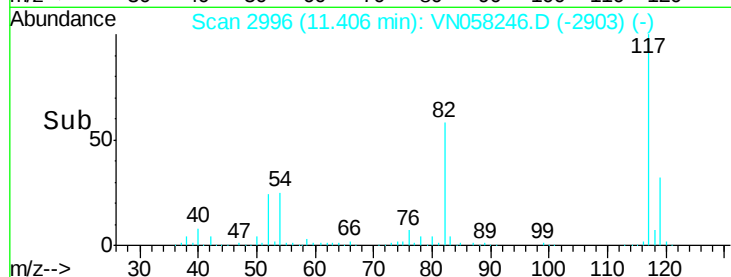
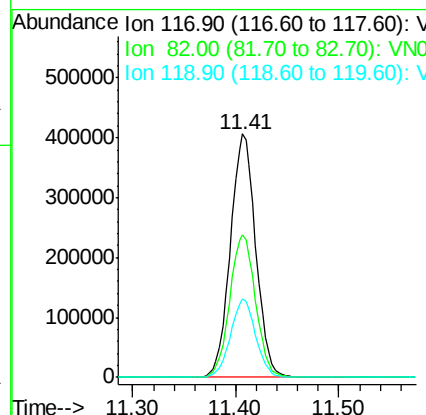
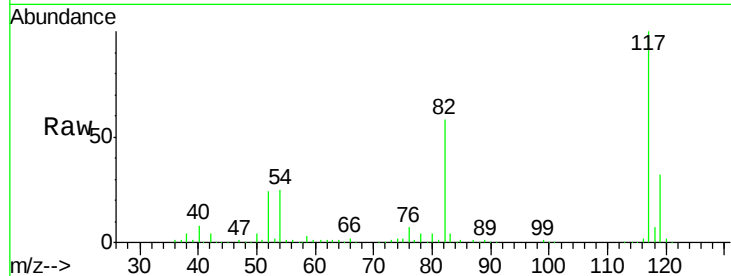
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058246.D
Acq: 20 Sep 2019 13:47

Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20190917

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.9	70.3
119	32.2	25.3	37.9

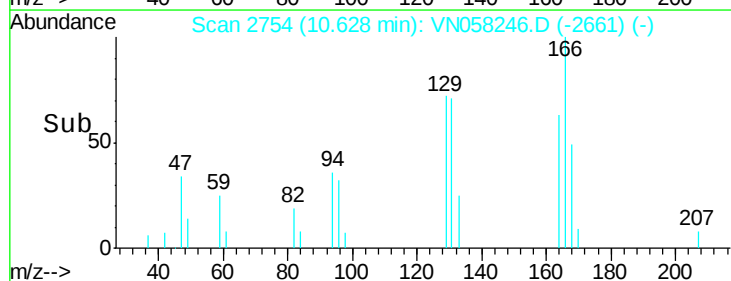
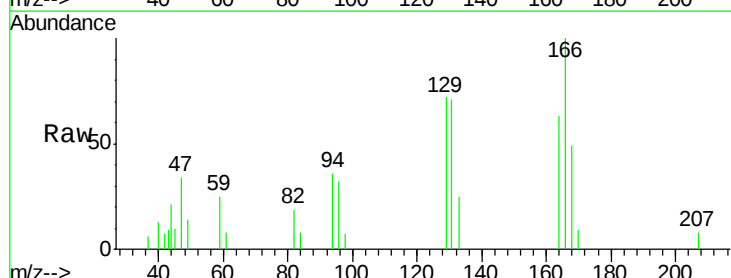
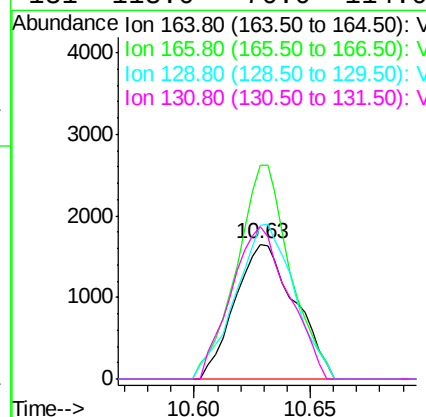
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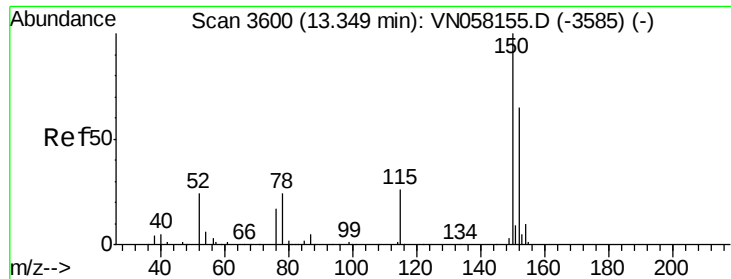
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#64
Tetrachloroethene
Concen: 0.872 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058246.D
Acq: 20 Sep 2019 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	158.7	102.2	153.4
129	113.8	79.6	119.4
131	113.0	76.0	114.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058246.D

Acq: 20 Sep 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

RE109D1-20190917

Tot Ion:	152	Resp:	277443
Ion Ratio	Lower	Upper	
152	100		
115	60.9	30.1	90.3
150	159.6	0.0	346.4

Manual Integrations
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