

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059211.D
 Acq On : 13 Nov 2019 15:58
 Operator : JC/SP
 Sample : K5814-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40189

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 10:00:21 AM

Quant Time: Nov 14 08:10:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	405367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	644160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	560402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	268397	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	7.56	113	205929	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
50) Toluene-d8	10.08	98	799493	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.40	95	262662	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
Target Compounds						
16) Acetone	3.79	43	26270	10.138	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	60187	4.623	ug/l	99
22) Diisopropyl ether	5.92	45	37391	2.548	ug/l	90
39) Methylcyclohexane	9.07	83	2676	0.383	ug/l	98
40) Benzene	8.02	78	9919	0.547	ug/l	100
52) Toluene	10.14	92	22928	2.110	ug/l	97
69) o-Xylene	11.94	106	164101	23.388	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	128014	9.519	ug/l	99
86) p-Isopropyltoluene	13.29	119	3440m	0.258	ug/l	

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

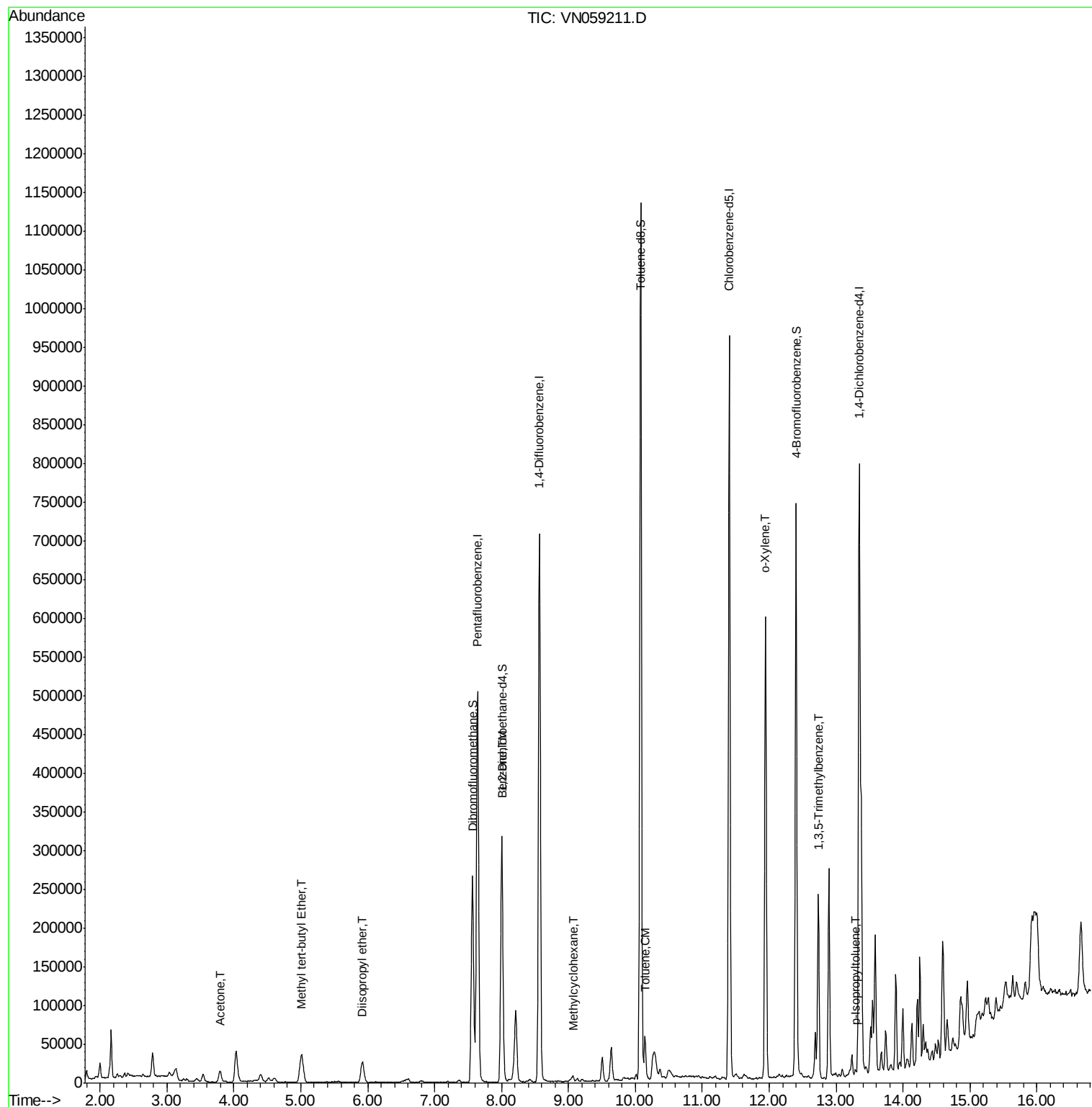
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111319\
Data File : VN059211.D
Acq On : 13 Nov 2019 15:58
Operator : JC/SP
Sample : K5814-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Nov 14 08:10:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampled :

40189

Tot Ion:168 Resp: 405367

Ion Ratio Lower Upper

168 100

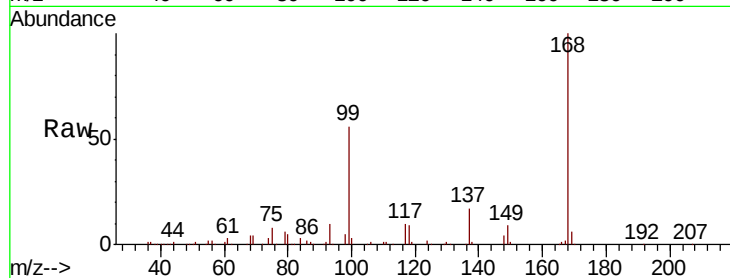
99 56.4 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): VN059211.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059211.D (-1733) (-)

7.64

150000

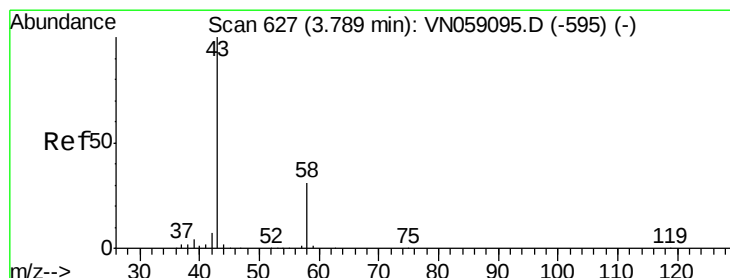
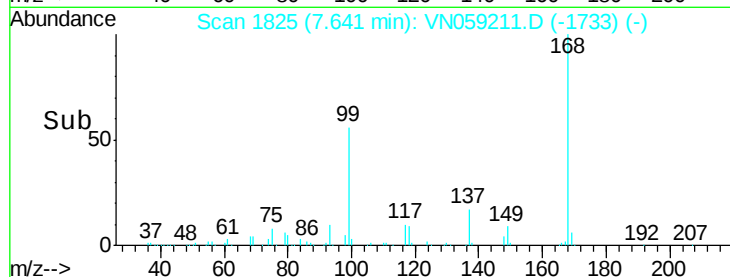
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 10.138 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059211.D

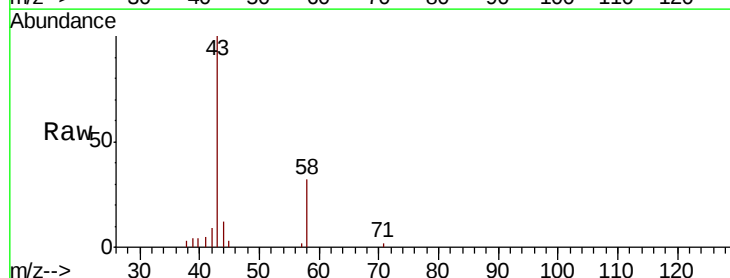
Acq: 13 Nov 2019 15:58

Tgt Ion: 43 Resp: 26270

Ion Ratio Lower Upper

43 100

58 32.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059211.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059211.D (-534) (-)

3.79

10000

8000

6000

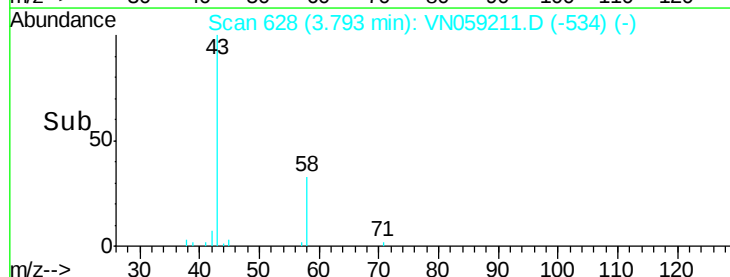
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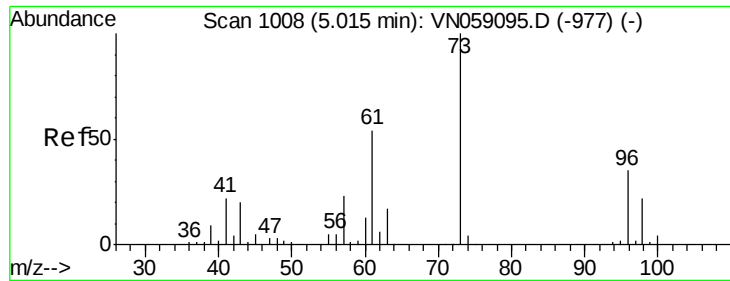
2000

0

3.70 3.80 3.90

Time-->





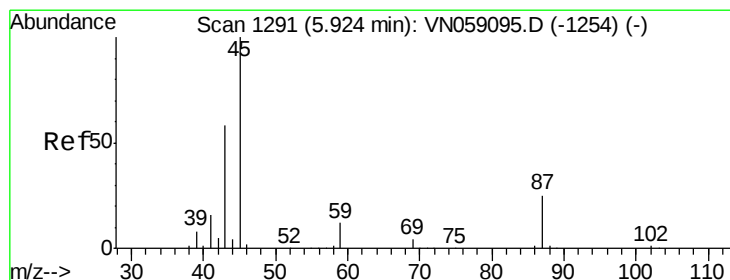
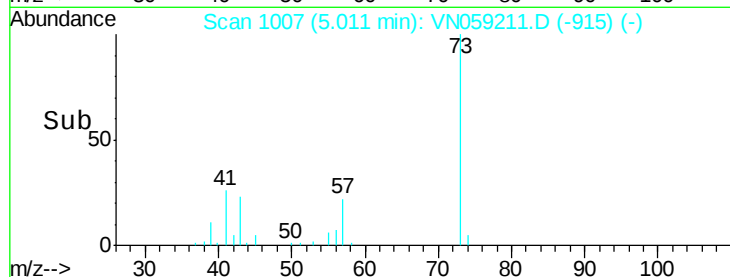
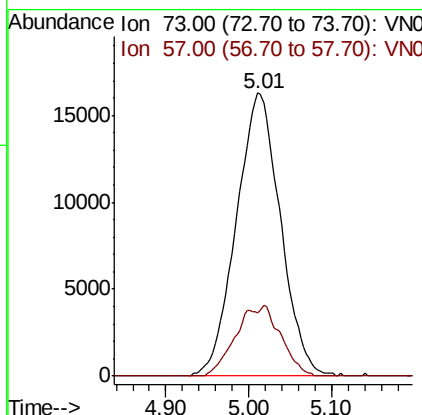
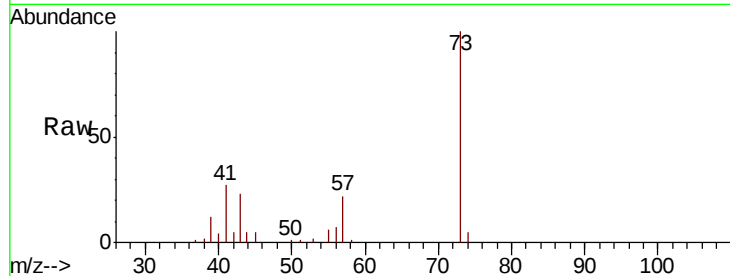
#19
Methvl tert-butvl Ether
Concen: 4.623 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :
40189

Tot Ion: 73 Resp: 60187
Ion Ratio Lower Upper
73 100
57 22.5 18.4 27.6

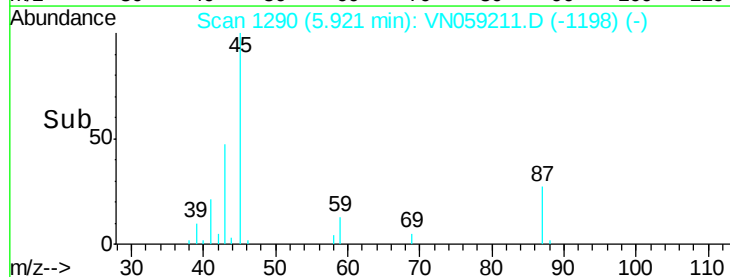
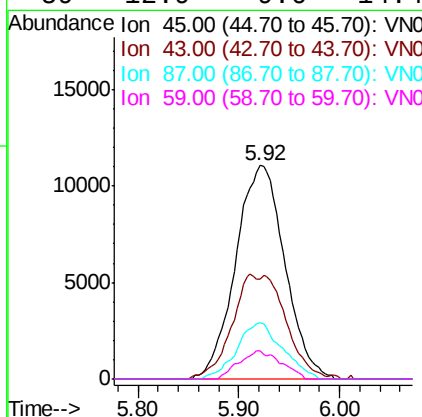
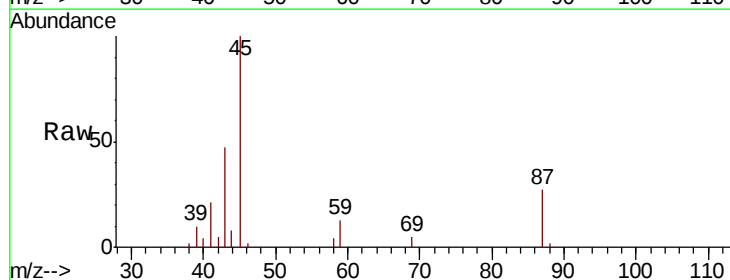
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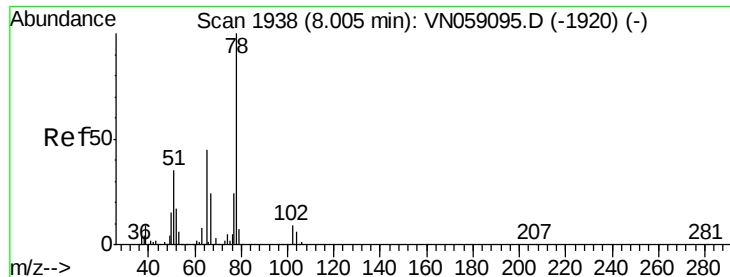
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#22
Diisopropyl ether
Concen: 2.548 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

Tgt Ion: 45 Resp: 37391
Ion Ratio Lower Upper
45 100
43 47.0 46.7 70.1
87 26.6 20.5 30.7
59 12.9 9.6 14.4





#33

1,2-Dichloroethane-d4

Concen: 53.862 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

40189

Tot Ion: 65 Resp: 268397

Ion Ratio Lower Upper

65 100

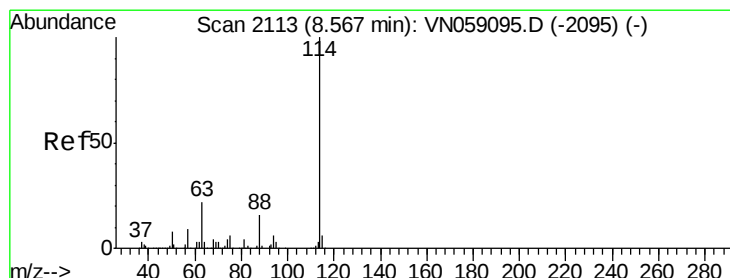
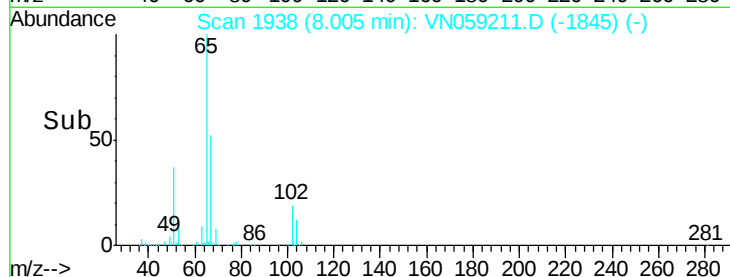
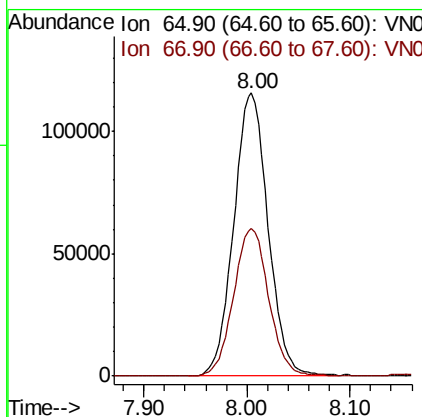
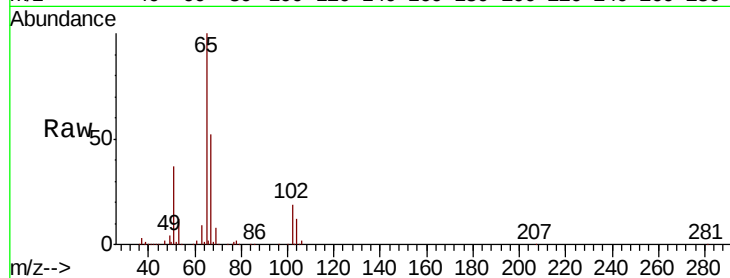
67 53.3 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

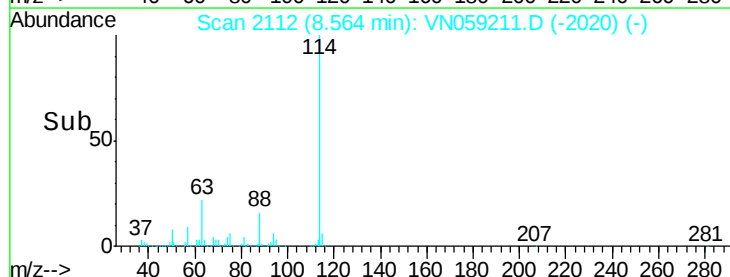
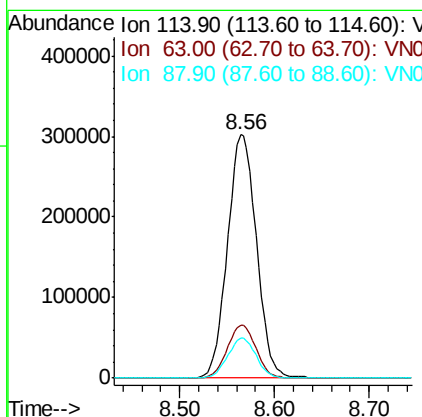
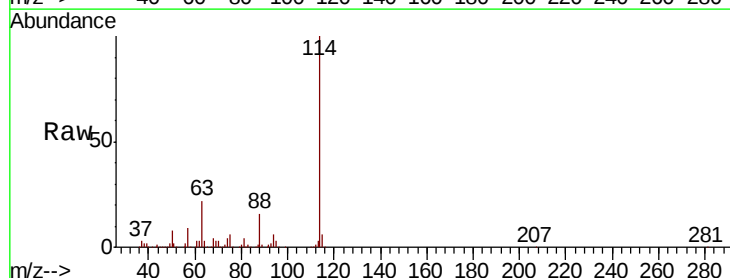
Tgt Ion: 114 Resp: 644160

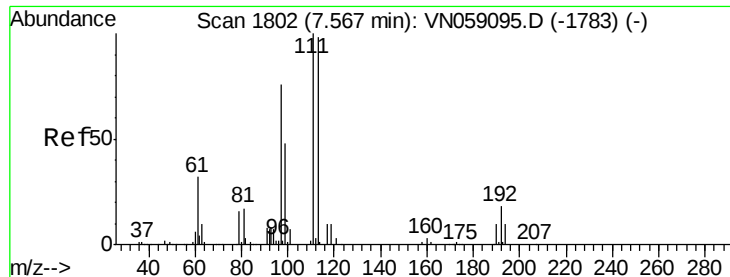
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.540 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

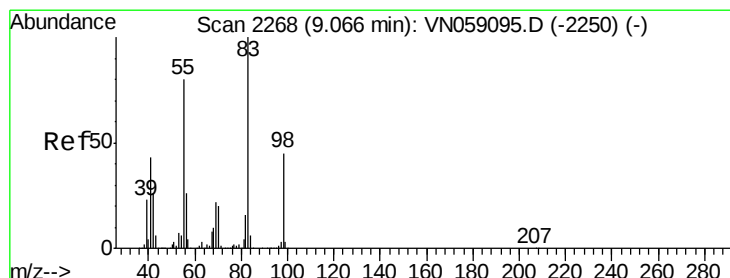
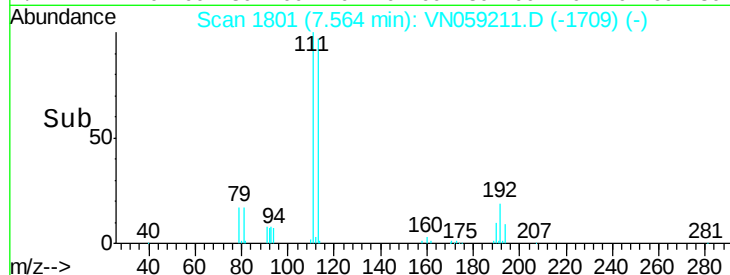
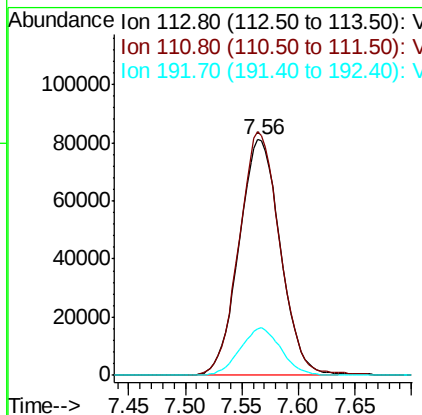
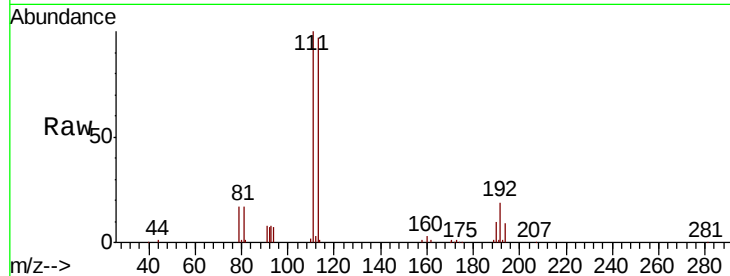
ClientSampleId :

40189

Tot Ion:	113	Resp:	205929
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.8	124.2
192	19.9	16.1	24.1

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#39

Methylcyclohexane

Concen: 0.383 ug/l

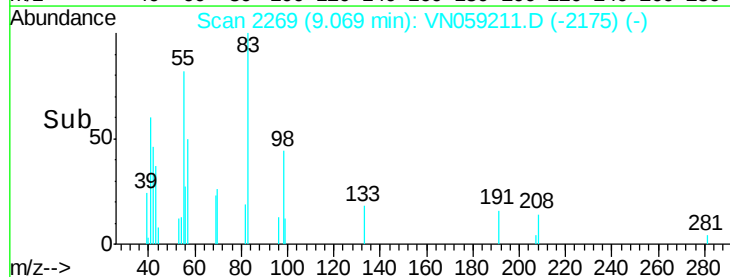
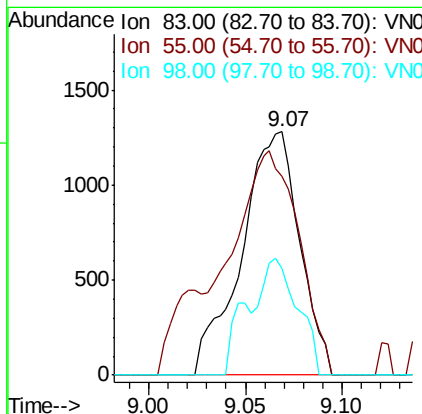
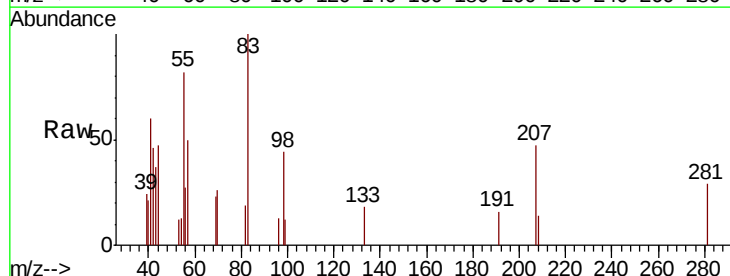
RT: 9.07 min Scan# 2269

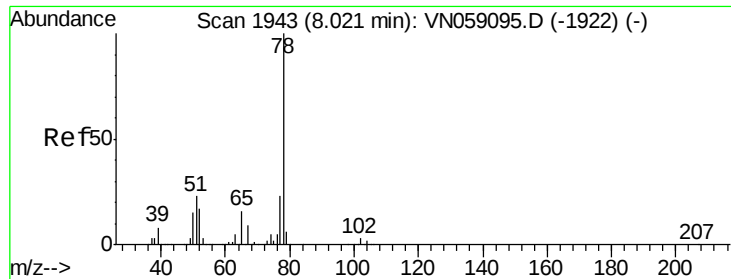
Delta R.T. 0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Tgt Ion:	83	Resp:	2676
Ion Ratio	Lower	Upper	
83	100		
55	81.7	63.9	95.9
98	44.0	35.6	53.4





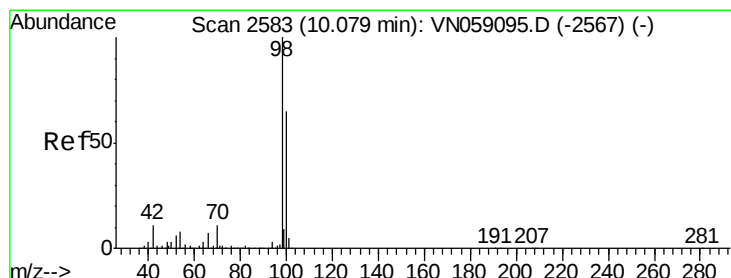
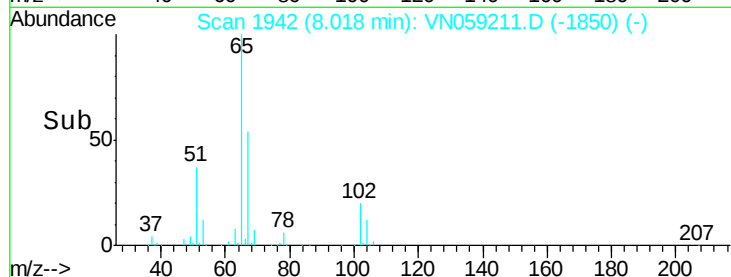
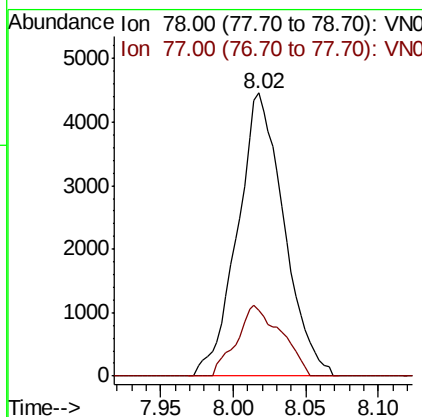
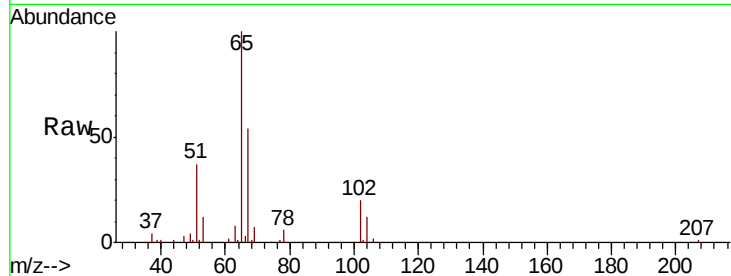
#40
Benzene
Concen: 0.547 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :
40189

Tot Ion	78	Resp	9919
Ion Ratio	100	Lower	Upper
77	23.4	18.8	28.2

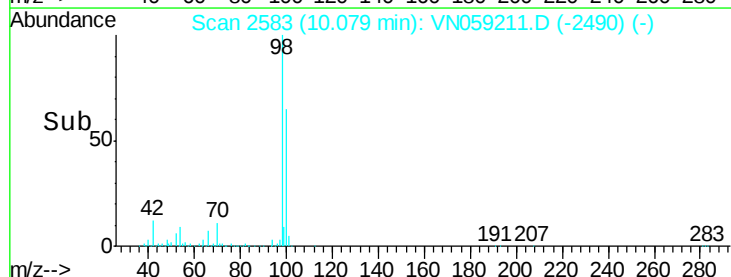
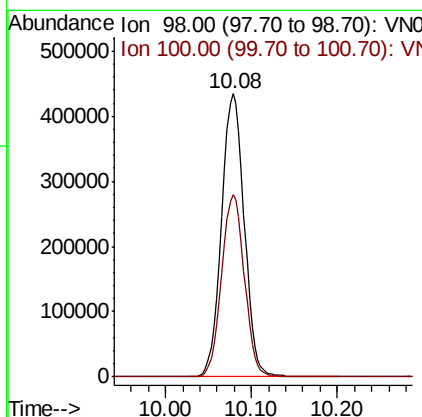
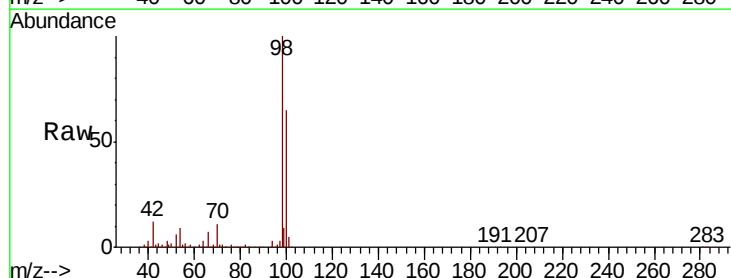
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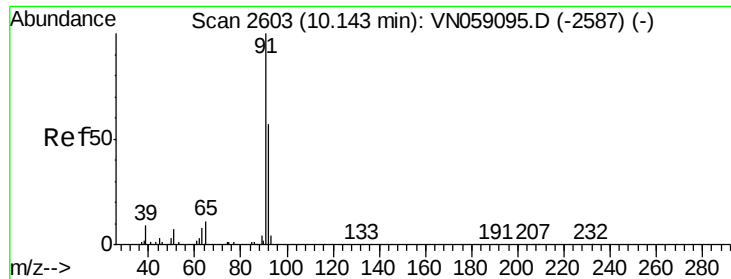
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#50
Toluene-d8
Concen: 52.771 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

Tgt Ion	98	Resp	799493
Ion Ratio	100	Lower	Upper
100	64.8	52.2	78.2





#52

Toluene

Concen: 2.110 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

40189

Tot Ion: 92 Resp: 22928

Ion Ratio Lower Upper

92 100

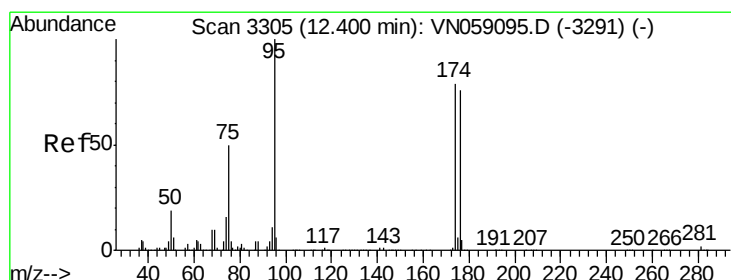
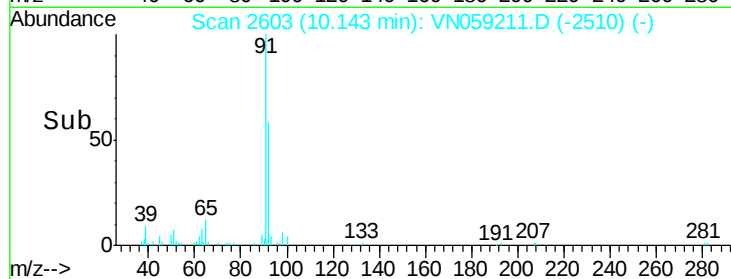
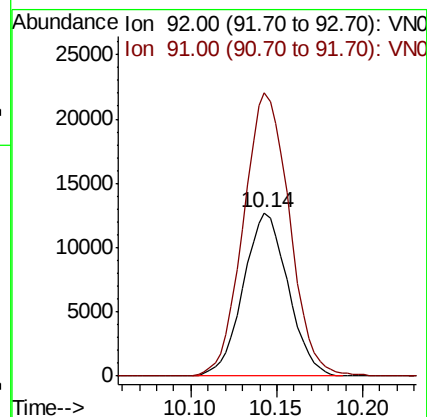
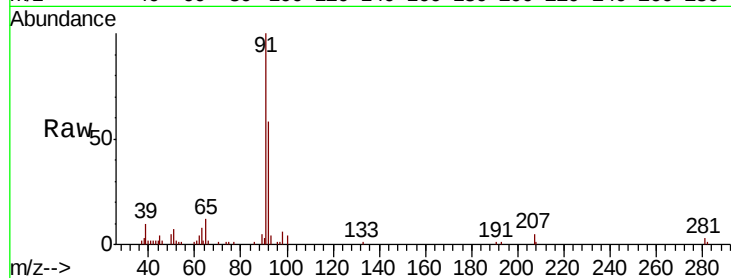
91 178.7 139.5 209.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.084 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

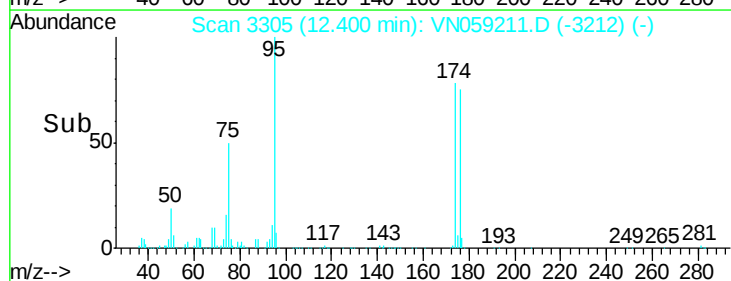
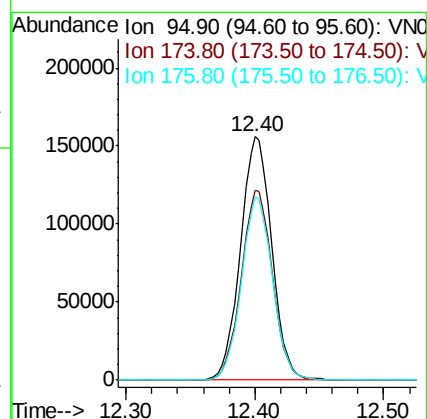
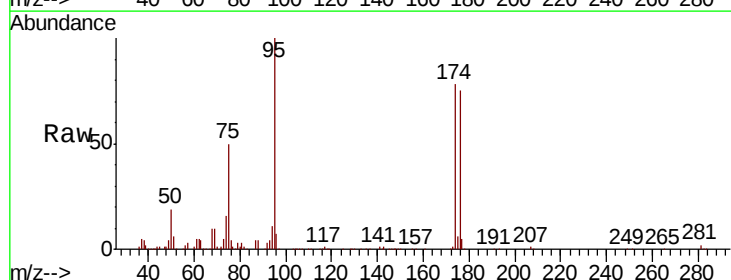
Tgt Ion: 95 Resp: 262662

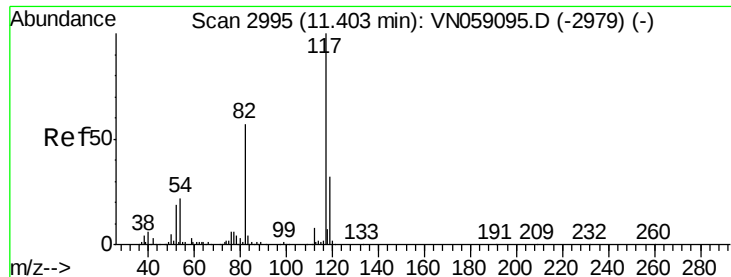
Ion Ratio Lower Upper

95 100

174 77.8 0.0 158.2

176 74.9 0.0 151.8





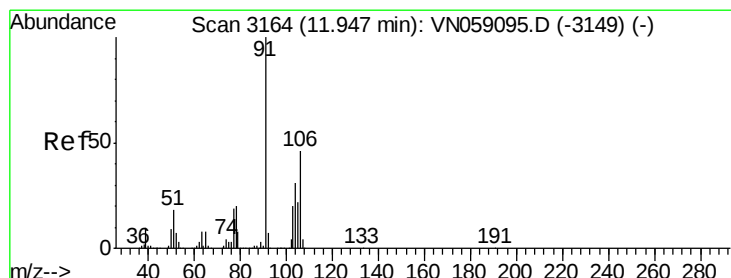
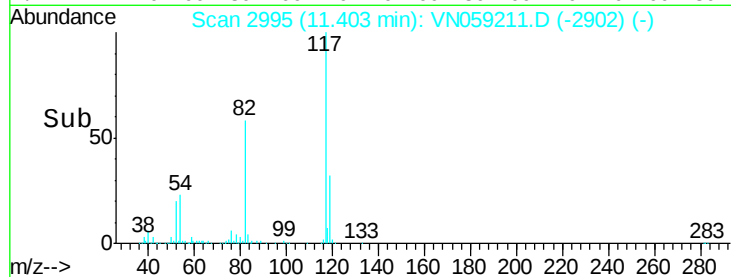
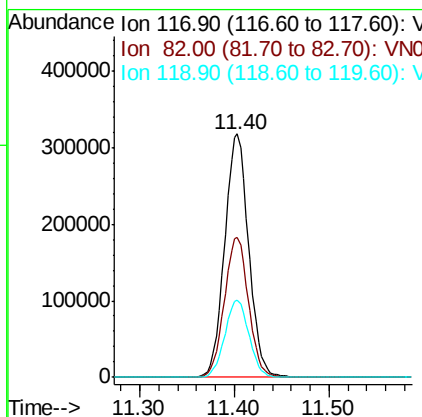
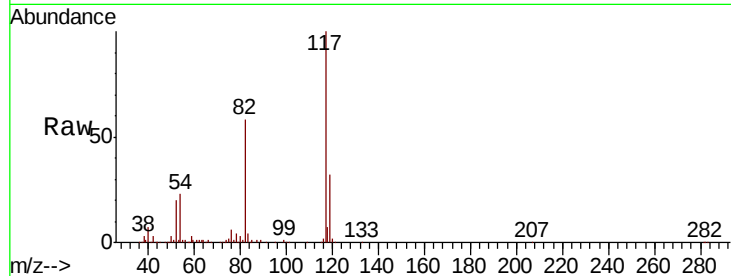
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :
40189

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
82	57.5	45.8	68.8		
119	31.6	25.8	38.6		

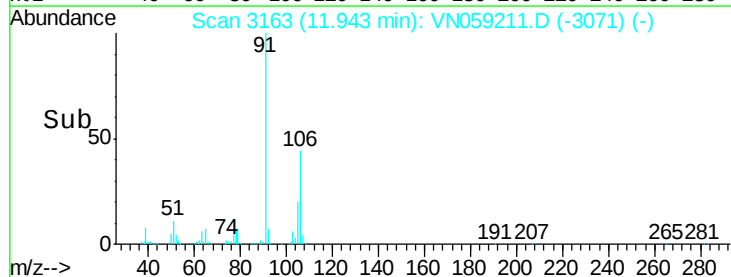
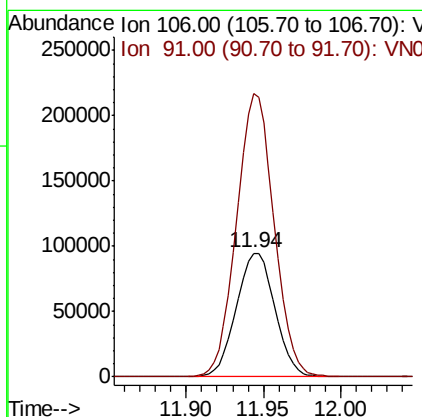
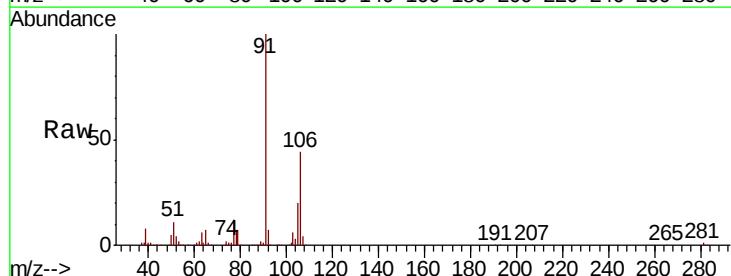
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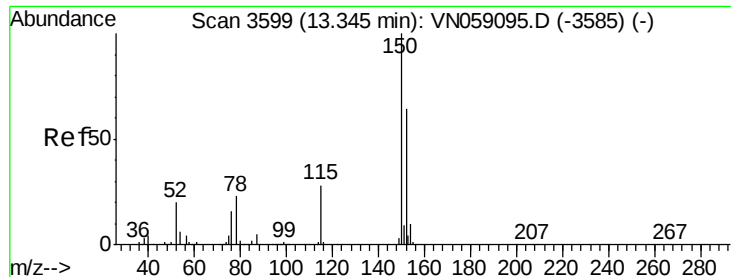
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11/14/2019 10:00:21 AM



#69
o-Xylene
Concen: 23.388 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	222.9	110.1	330.3		





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

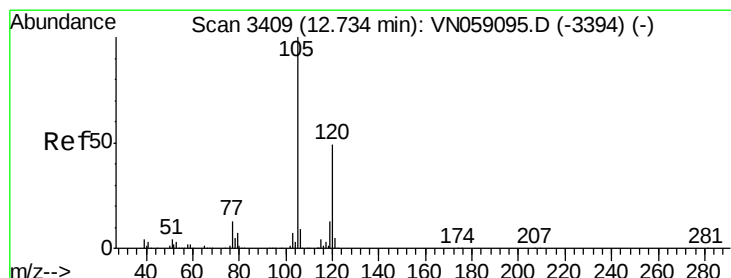
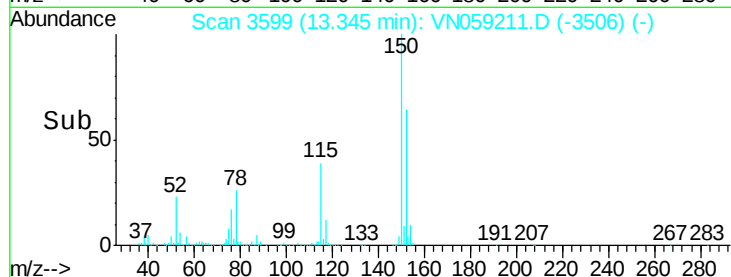
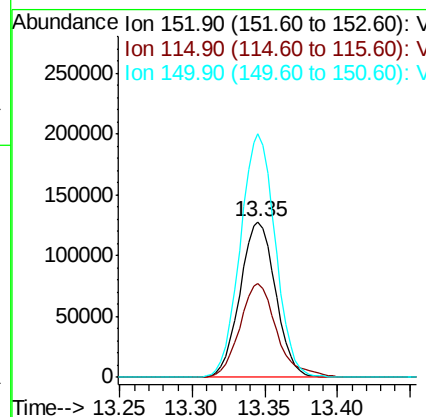
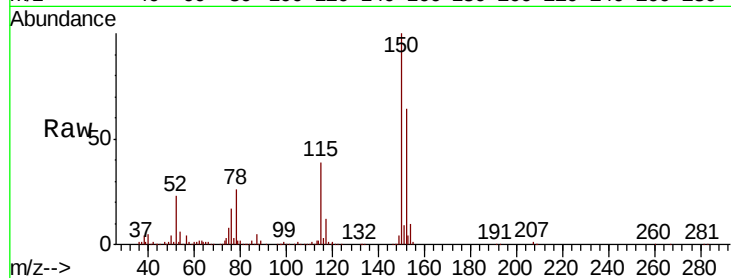
ClientSampleId :

40189

Tot Ion	Ratio	Resp	Lower	Upper
152	100	218185		
115	62.9	29.4	88.2	
150	154.4	0.0	345.8	

Manual Integrations
APPROVED

MMDadoda
11/14/2019 10:00:21 AM



#80

1,3,5-Trimethylbenzene

Concen: 9.519 ug/l

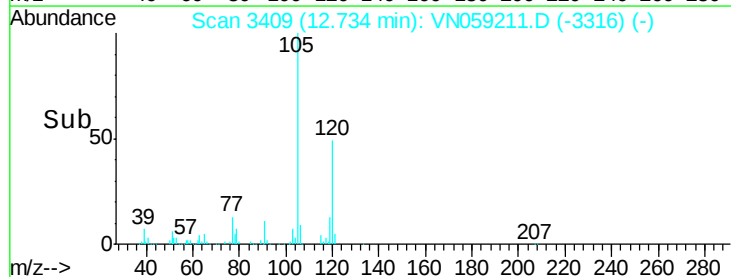
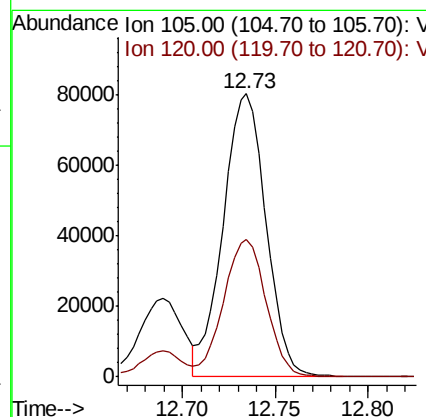
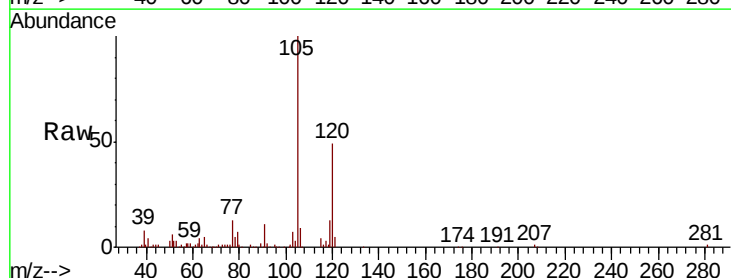
RT: 12.73 min Scan# 3409

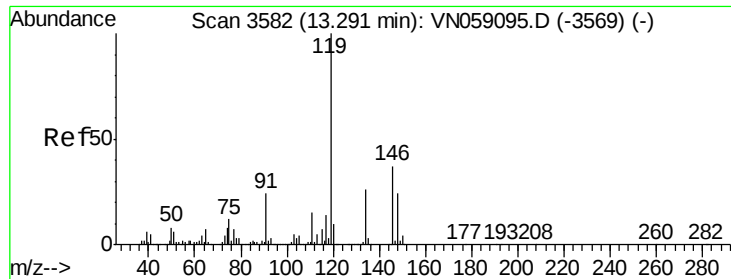
Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	128014		
120	48.7	24.0	72.0	





#86
 p-Isopropyltoluene
 Concen: 0.258 ug/l m
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059211.D
 Acq: 13 Nov 2019 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 40189

Tot Ion	Ratio	Lower	Upper
119	100		
134	101.7	13.0	38.9#
91	110.3	11.7	35.1#

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 10:00:21 AM

