

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057887.D
 Acq On : 11 Sep 2019 00:23
 Operator : JC/SP
 Sample : K4818-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-091019

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 7:06:17 AM

Quant Time: Sep 11 05:05:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	282058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	478200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	440056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	239615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	318252	55.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.42%	
35) Dibromofluoromethane	7.57	113	216055	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	10.09	98	866786	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.40	95	292966	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.76	59	8261m	11.948	ug/l	
16) Acetone	3.80	43	20858	11.137	ug/l	96
19) Methyl tert-butyl Ether	5.02	73	322182	25.776	ug/l	99
39) Methylcyclohexane	9.08	83	5564	0.954	ug/l	96
40) Benzene	8.03	78	18766	1.124	ug/l #	85
73) Isopropylbenzene	12.25	105	68525	3.685	ug/l	100
78) n-propylbenzene	12.60	91	98472	4.612	ug/l	98
83) tert-Butylbenzene	13.00	119	8507	0.609	ug/l	94
84) 1,2,4-Trimethylbenzene	13.05	105	5523	0.346	ug/l	98
85) sec-Butylbenzene	13.17	105	35207	1.902	ug/l	87
89) n-Butylbenzene	13.62	91	6669m	0.433	ug/l	
95) Naphthalene	15.13	128	65956	3.232	ug/l	98

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

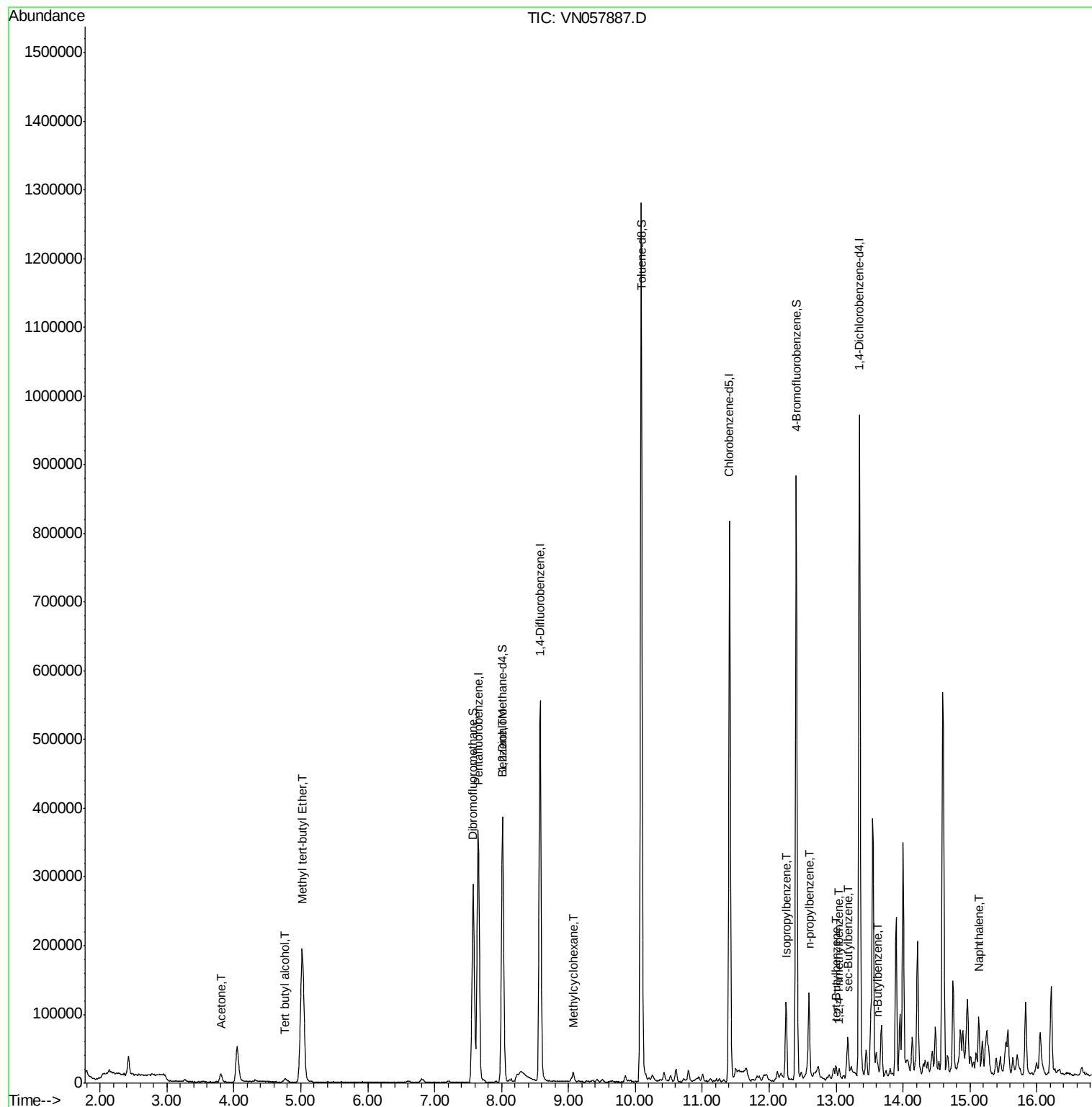
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057887.D
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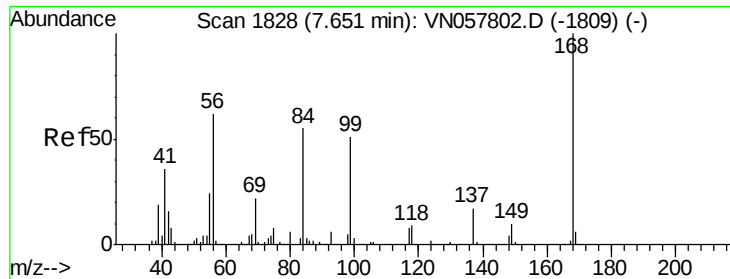
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-091019

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Quant Time: Sep 11 05:05:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 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: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-13-8.0-091019

Tgt Ion: 168 Resp: 282058

Ion Ratio Lower Upper

168 100

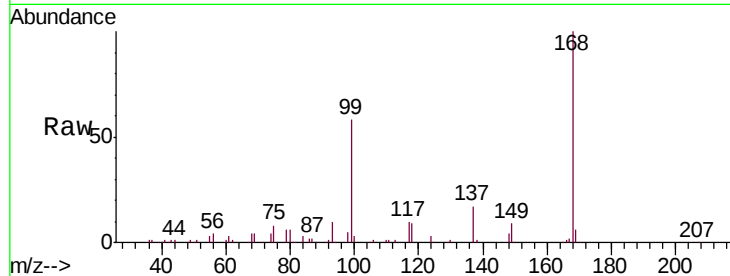
99 57.9 48.0 72.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

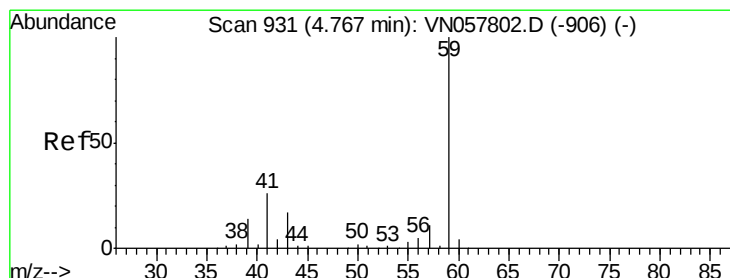
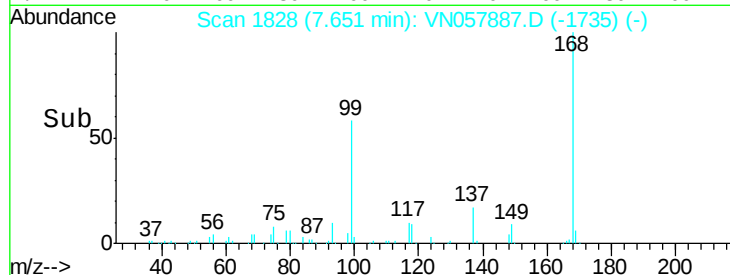
7.65

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 11.948 ug/l m

RT: 4.76 min Scan# 930

Delta R.T. -0.00 min

Lab File: VN057887.D

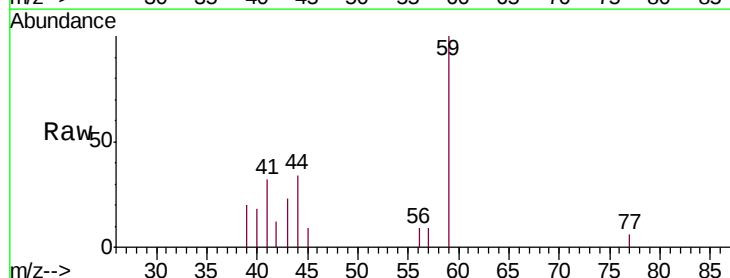
Acq: 11 Sep 2019 00:23

Tgt Ion: 59 Resp: 8261

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.76

2500

2000

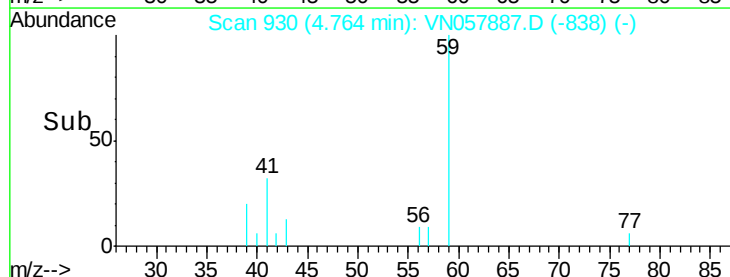
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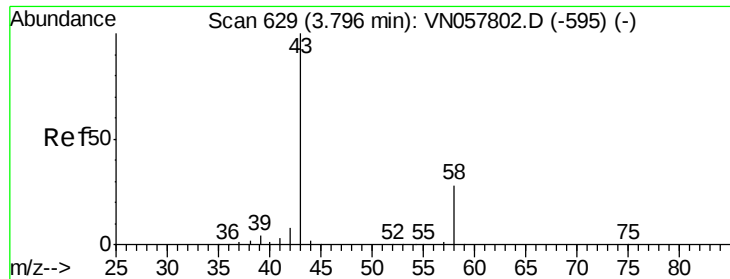
1000

500

0

Time-->





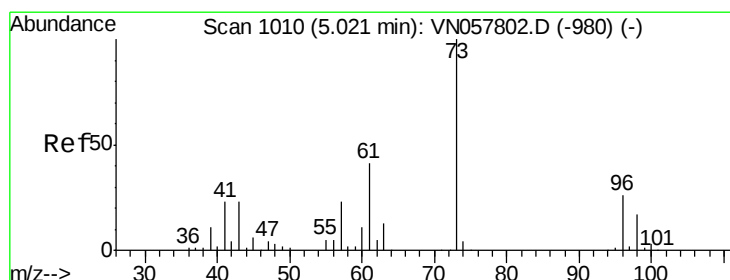
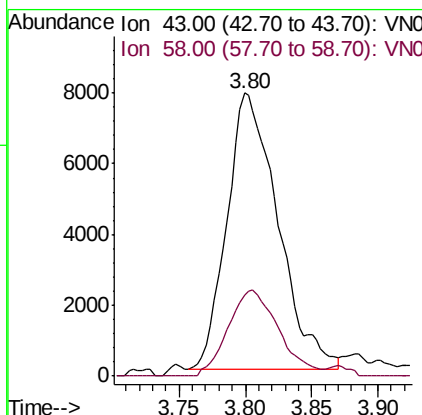
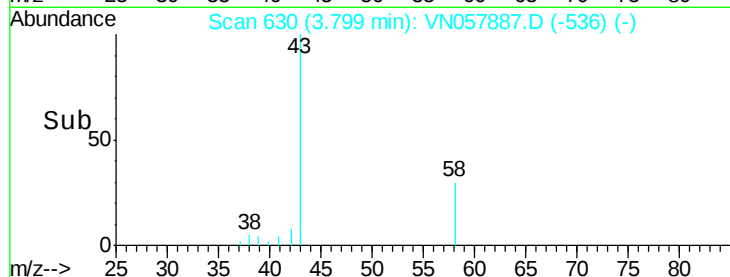
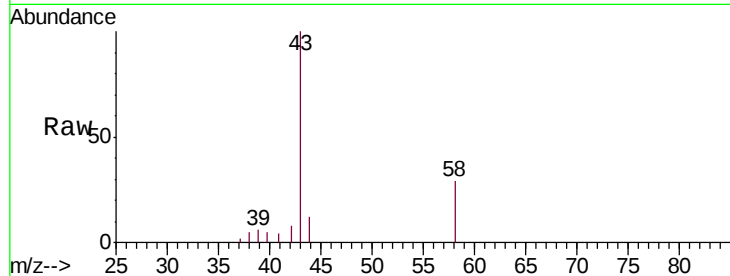
#16
Acetone
Concen: 11.137 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-091019

Tgt Ion: 43 Resp: 20858
Ion Ratio Lower Upper
43 100
58 29.6 22.2 33.2

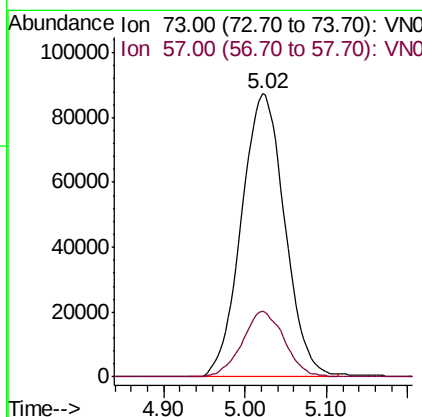
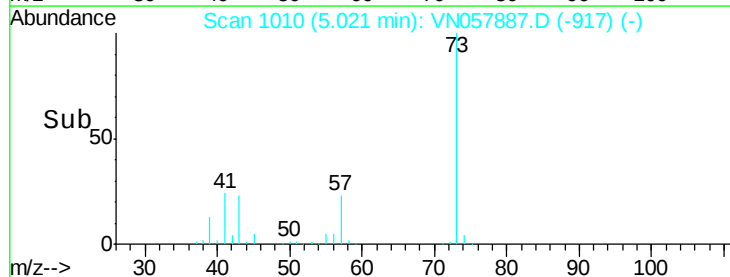
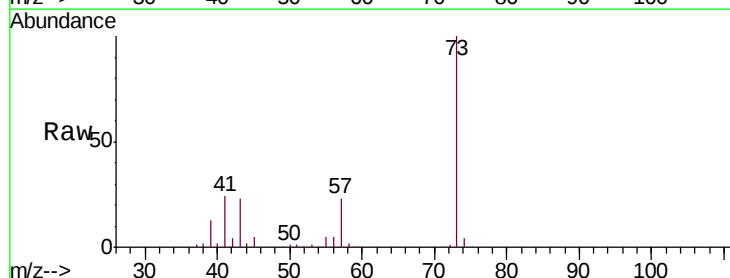
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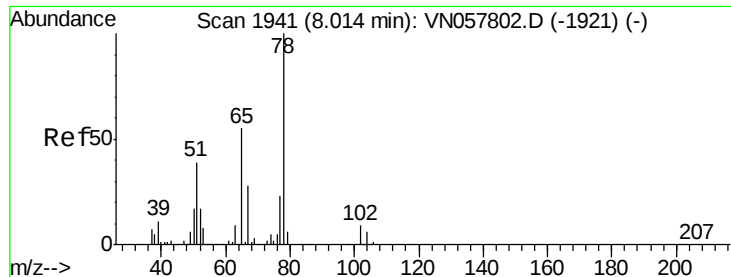
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#19
Methyl tert-butyl Ether
Concen: 25.776 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Tgt Ion: 73 Resp: 322182
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.2





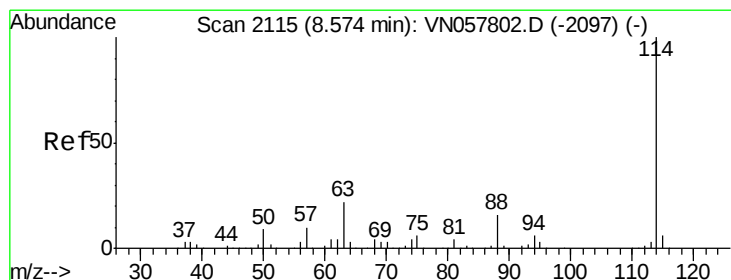
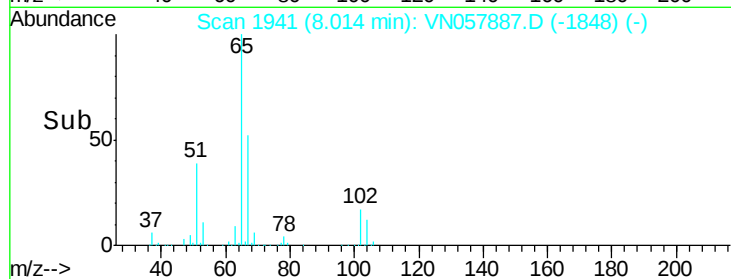
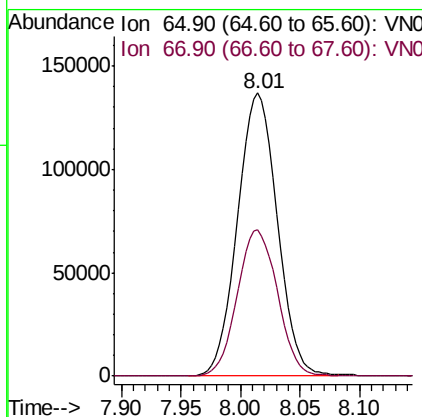
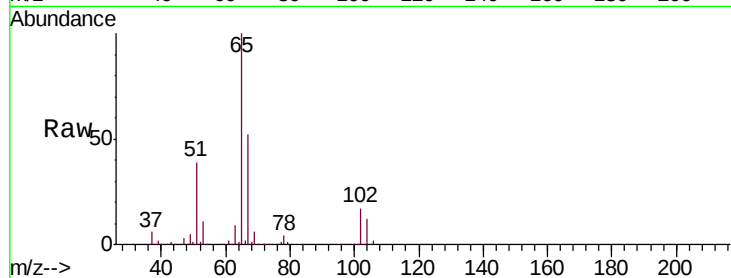
#33
 1,2-Dichloroethane-d4
 Concen: 55.708 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-091019

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	318252		
67	52.2	0.0	104.0	

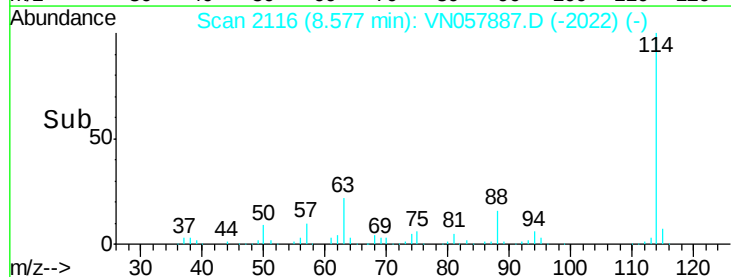
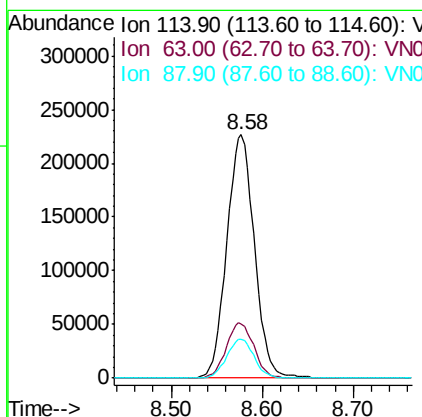
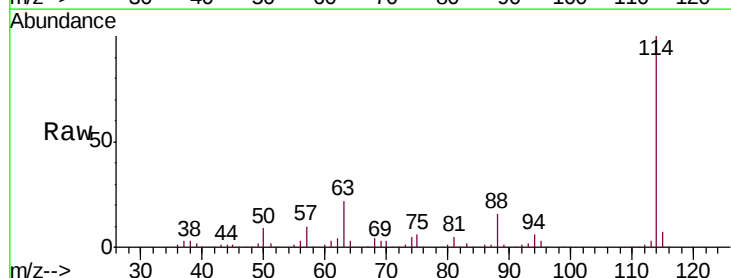
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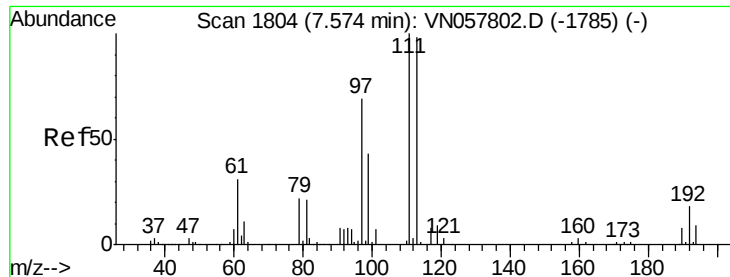
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	478200		
63	22.4	0.0	44.0	
88	16.1	0.0	31.4	





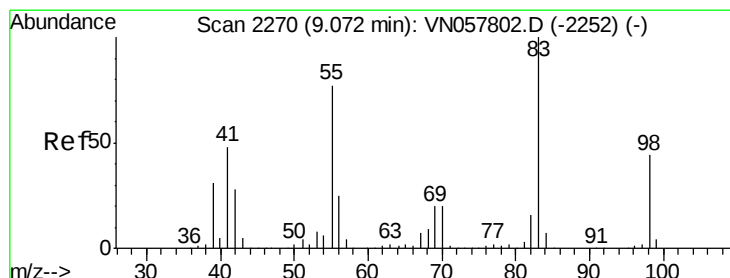
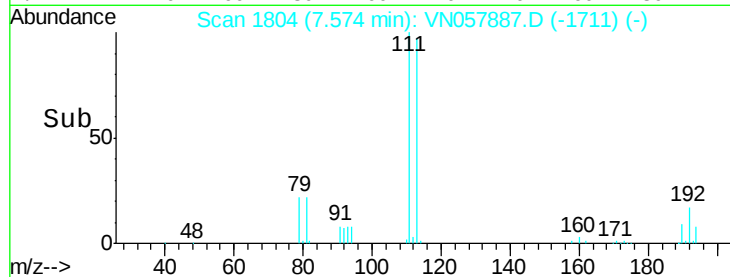
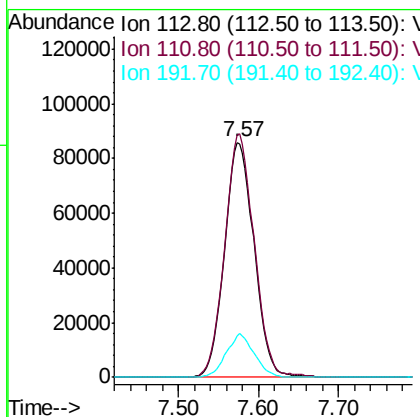
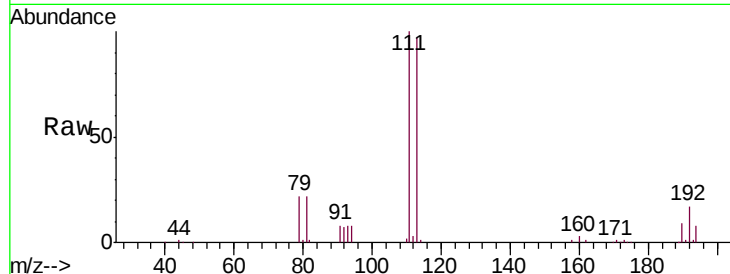
#35
 Dibromofluoromethane
 Concen: 48.952 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-091019

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	216055		
111	103.4	81.3	121.9	
192	17.6	14.6	22.0	

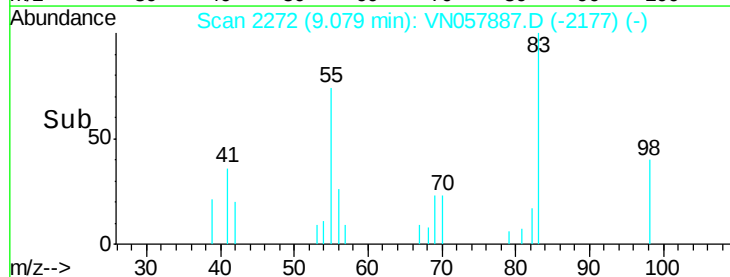
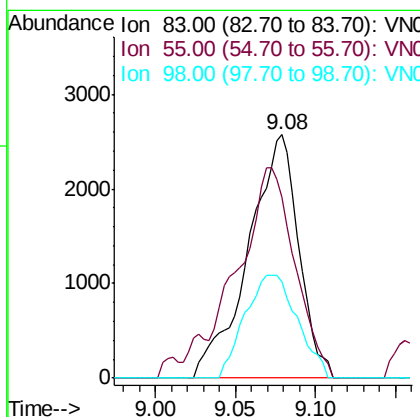
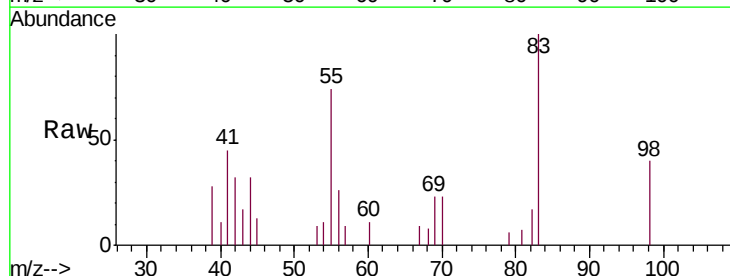
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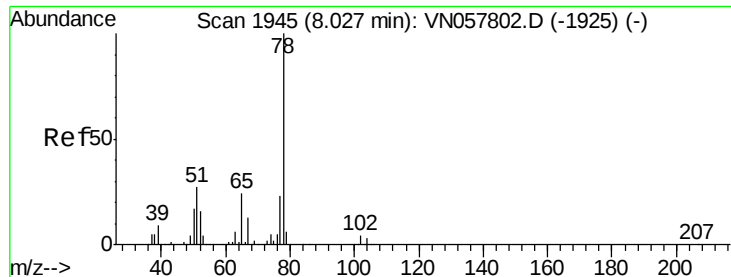
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#39
 Methylcyclohexane
 Concen: 0.954 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	5564		
55	74.3	61.6	92.4	
98	39.8	34.9	52.3	





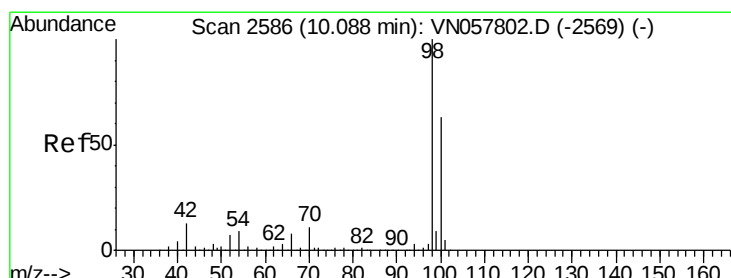
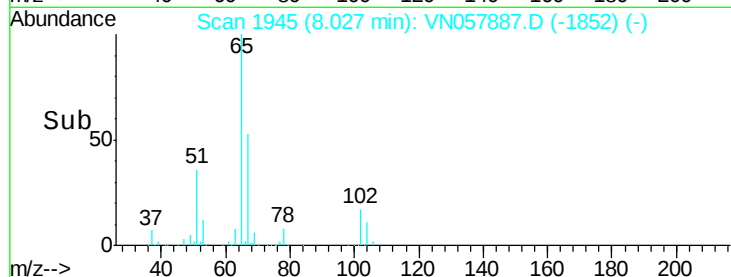
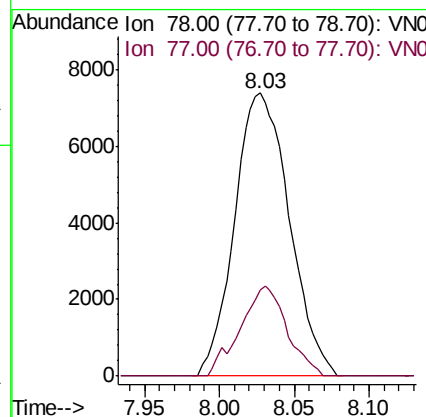
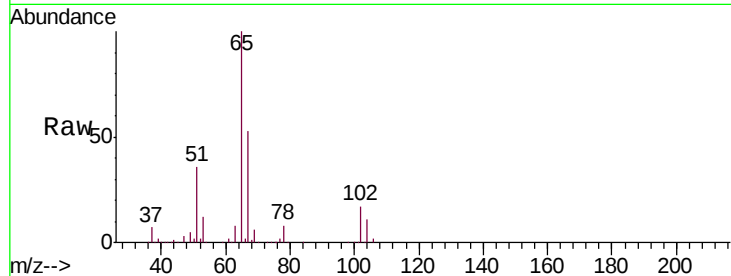
#40
Benzene
Concen: 1.124 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-091019

Tgt Ion: 78 Resp: 18766
Ion Ratio Lower Upper
78 100
77 30.3 18.3 27.5#

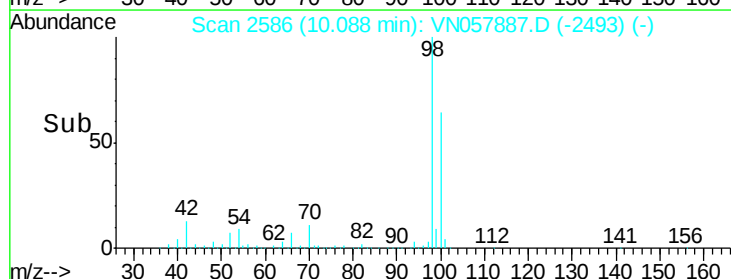
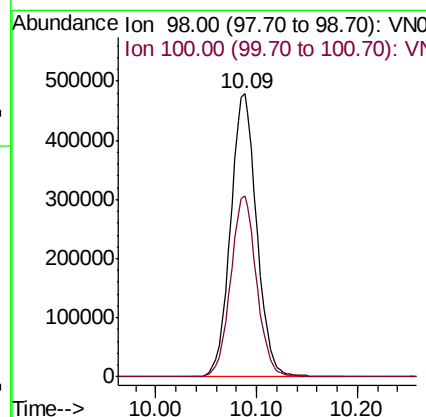
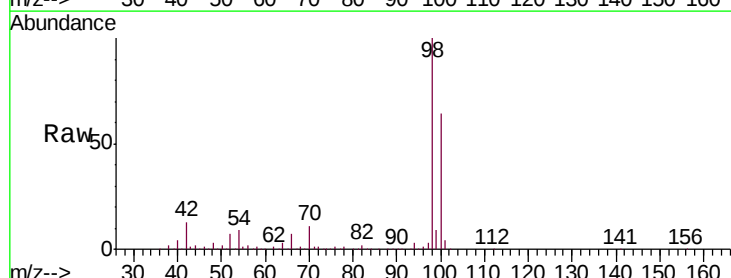
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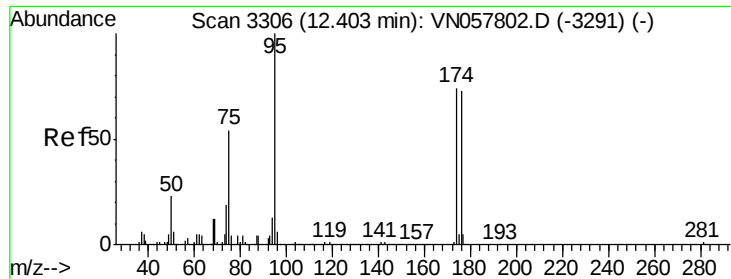
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#50
Toluene-d8
Concen: 50.583 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Tgt Ion: 98 Resp: 866786
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 44.862 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

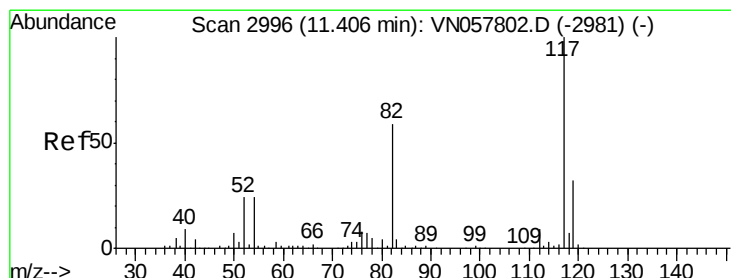
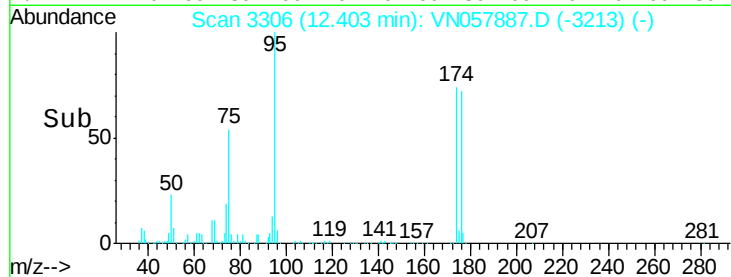
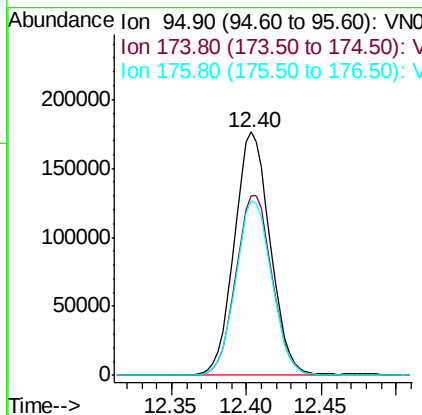
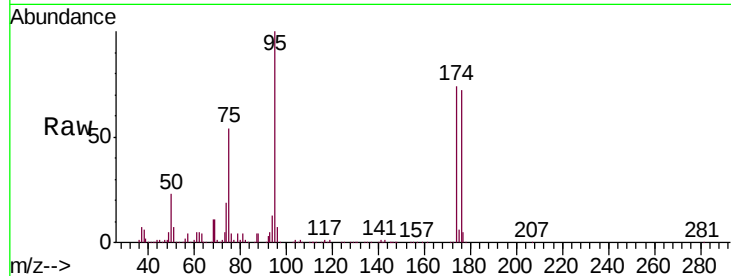
ClientSampleId :

T11-MW-13-8.0-091019

Tgt Ion:	95	Resp:	292966
Ion Ratio	Lower	Upper	
95	100		
174	75.2	0.0	150.2
176	72.7	0.0	146.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

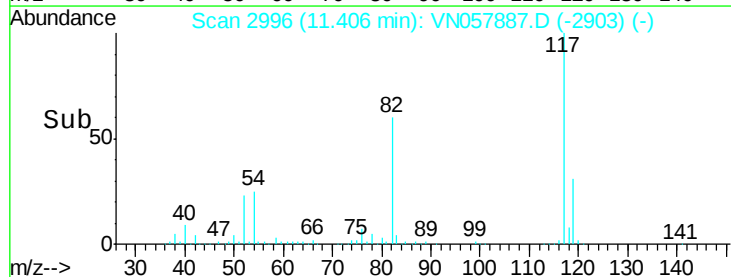
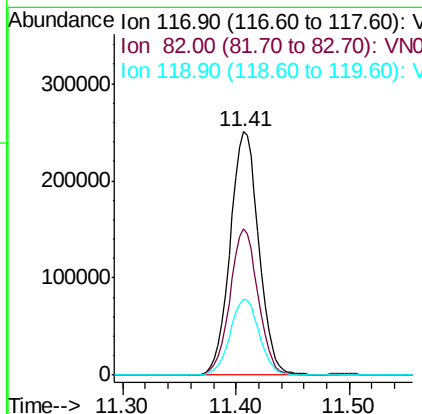
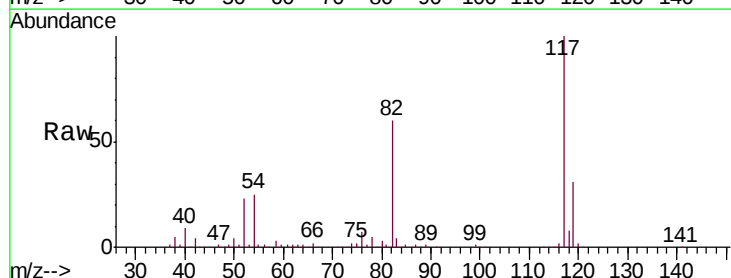
RT: 11.41 min Scan# 2996

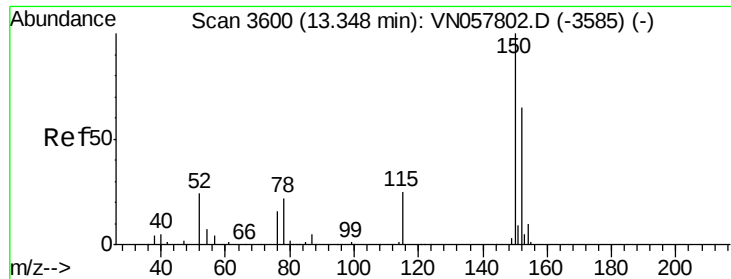
Delta R.T. 0.00 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Tgt Ion:	117	Resp:	440056
Ion Ratio	Lower	Upper	
117	100		
82	60.0	47.2	70.8
119	31.2	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Instrument :

MSVOA_N

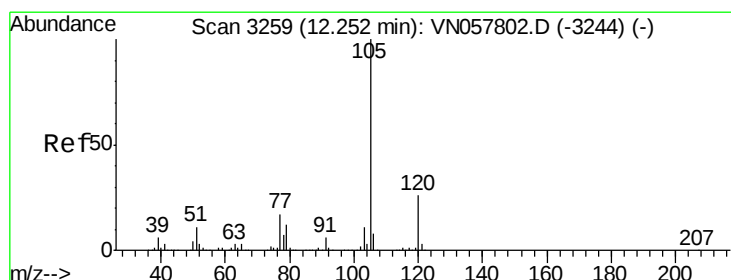
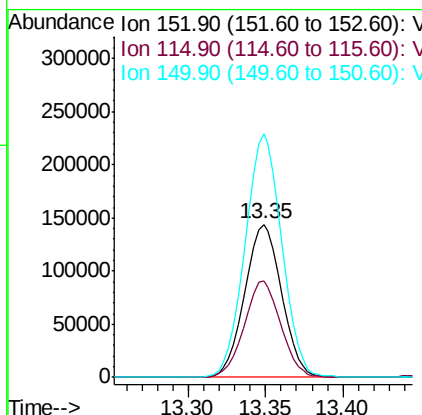
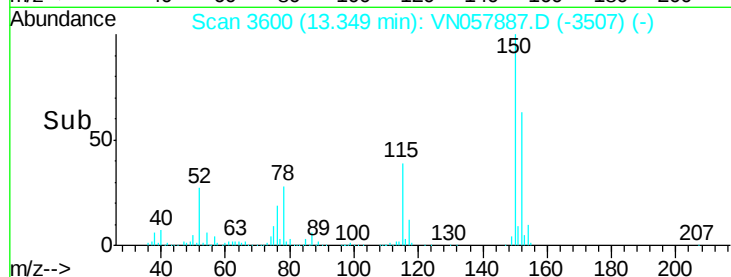
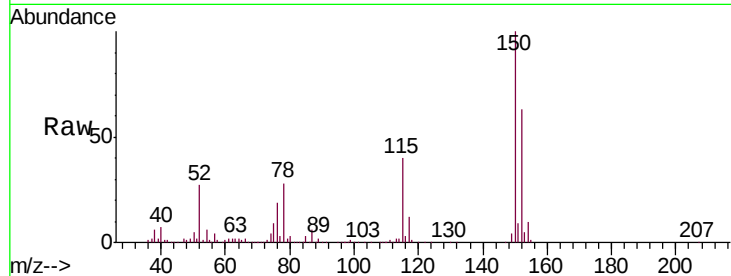
ClientSampleId :

T11-MW-13-8.0-091019

Tgt Ion:	152	Resp:	239615
Ion Ratio	Lower	Upper	
152	100		
115	62.1	30.3	91.0
150	158.4	0.0	352.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 3.685 ug/l

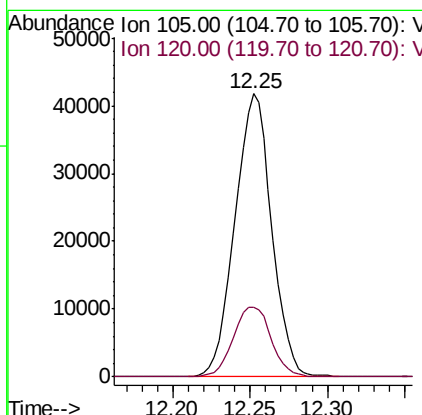
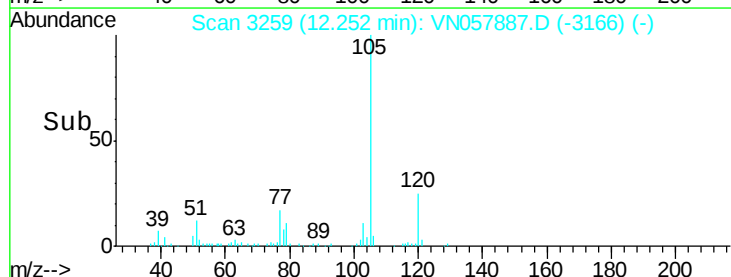
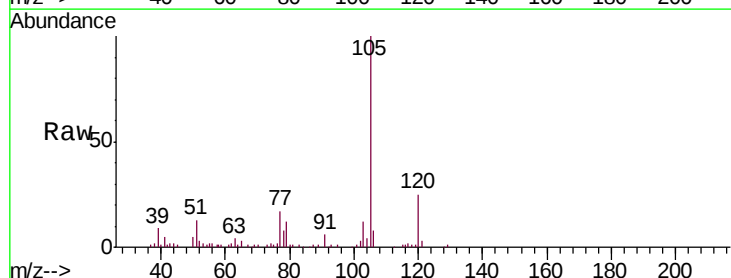
RT: 12.25 min Scan# 3259

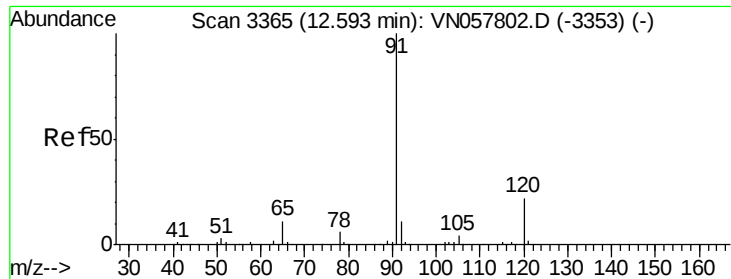
Delta R.T. 0.00 min

Lab File: VN057887.D

Acq: 11 Sep 2019 00:23

Tgt Ion:	105	Resp:	68525
Ion Ratio	Lower	Upper	
105	100		
120	25.6	12.8	38.4





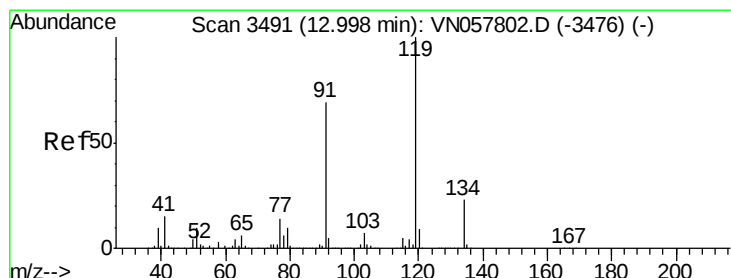
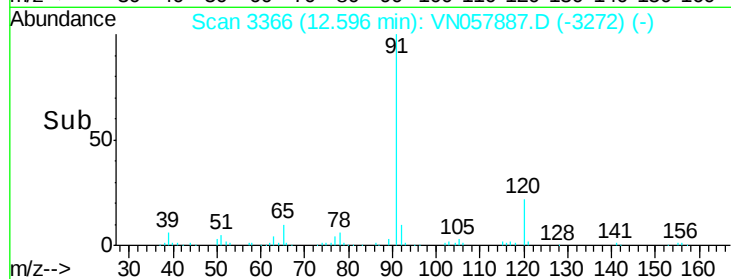
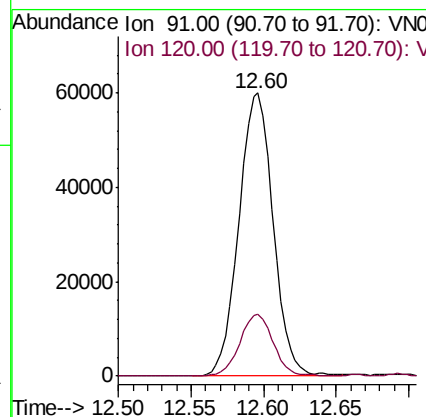
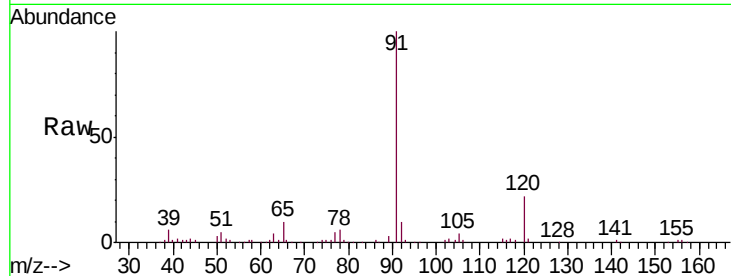
#78
n-propylbenzene
Concen: 4.612 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-091019

Tgt Ion: 91 Resp: 98472
Ion Ratio Lower Upper
91 100
120 21.3 11.1 33.1

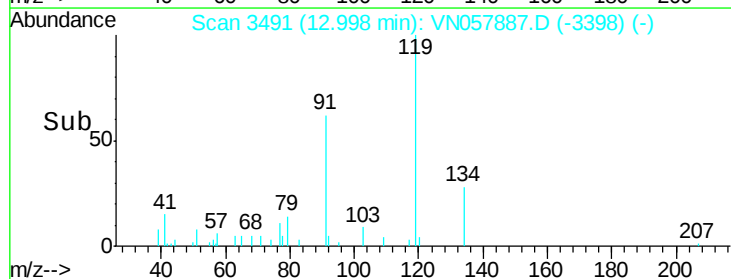
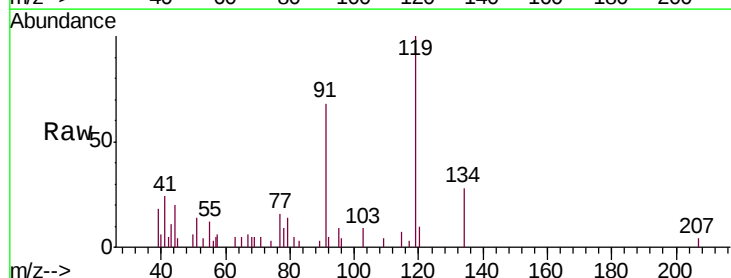
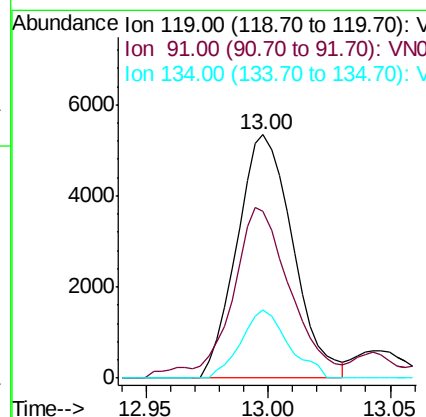
Manual Integrations
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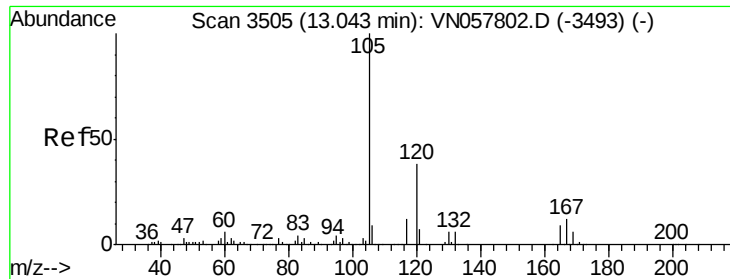
MMDadoda
9/13/2019 7:06:17 AM



#83
tert-Butylbenzene
Concen: 0.609 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Tgt Ion: 119 Resp: 8507
Ion Ratio Lower Upper
119 100
91 73.2 33.6 100.8
134 23.7 11.7 35.0





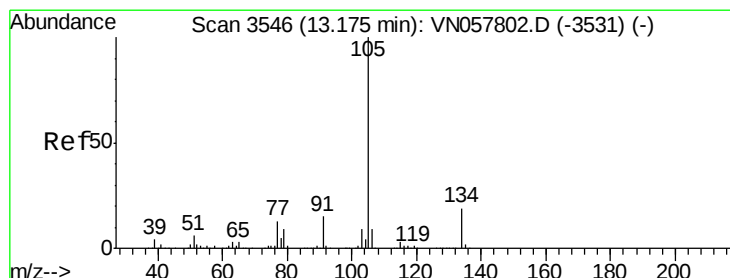
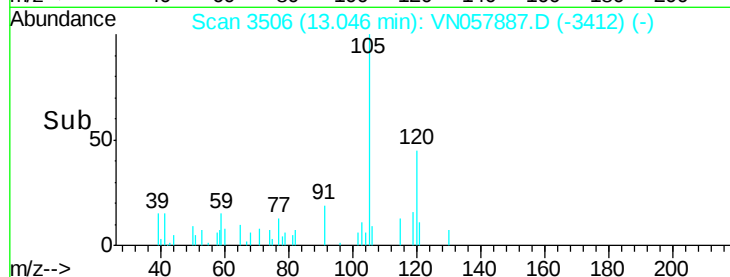
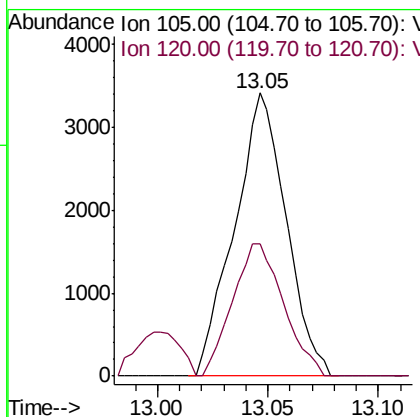
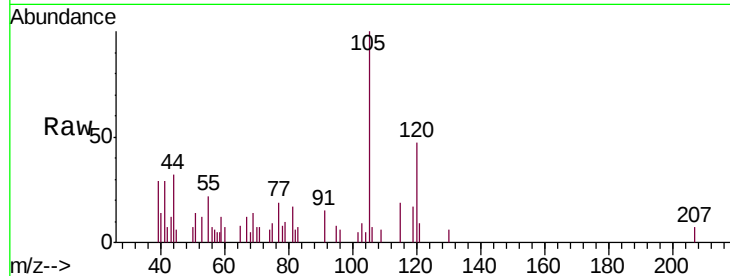
#84
 1,2,4-Trimethylbenzene
 Concen: 0.346 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-13-8.0-091019

Tgt Ion:105 Resp: 5523
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.4 67.2

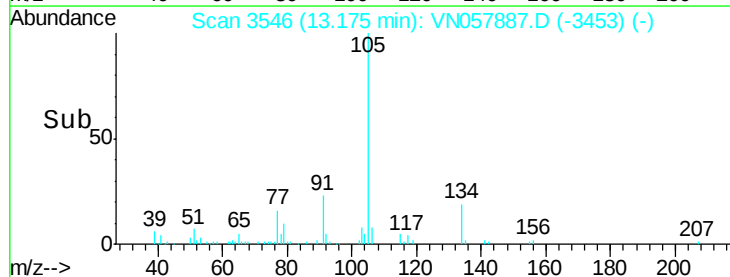
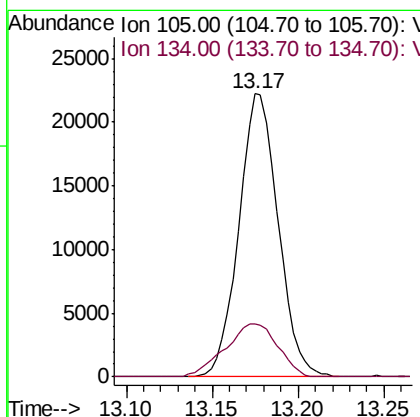
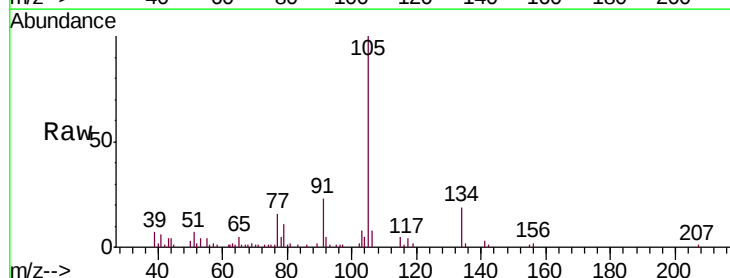
Manual Integrations
 APPROVED

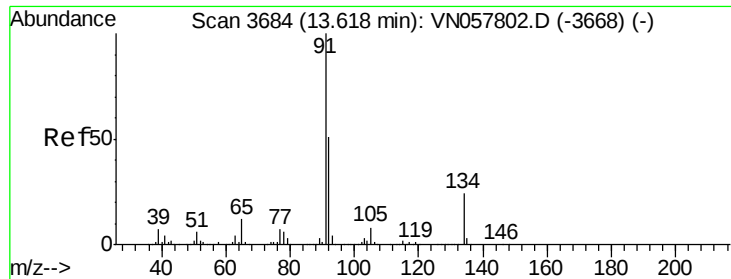
MMDadoda
 9/13/2019 7:06:17 AM



#85
 sec-Butylbenzene
 Concen: 1.902 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057887.D
 Acq: 11 Sep 2019 00:23

Tgt Ion:105 Resp: 35207
 Ion Ratio Lower Upper
 105 100
 134 25.1 9.6 28.6





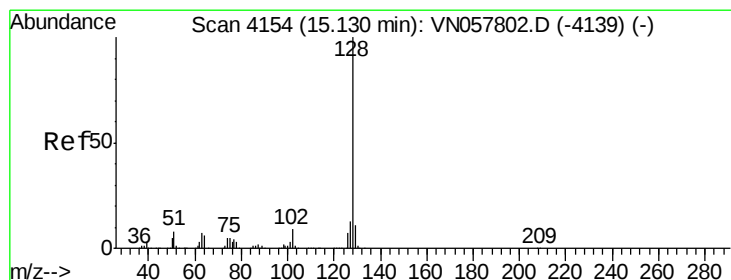
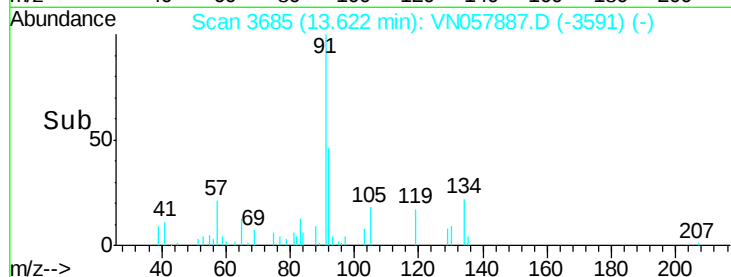
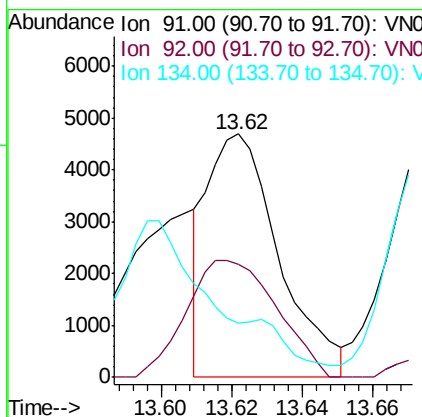
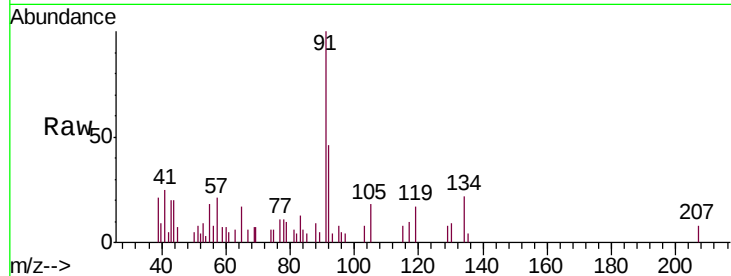
#89
n-Butylbenzene
Concen: 0.433 ug/l m
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-091019

Tgt Ion: 91 Resp: 6669
Ion Ratio Lower Upper
91 100
92 60.4 25.7 77.0
134 0.0 11.9 35.7#

Manual Integrations
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9/13/2019 7:06:17 AM



#95
Naphthalene
Concen: 3.232 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057887.D
Acq: 11 Sep 2019 00:23

Tgt Ion: 128 Resp: 65956
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.2 8.6 12.8

