

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057886.D
 Acq On : 11 Sep 2019 00:01
 Operator : JC/SP
 Sample : K4818-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-091019-01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 7:06:15 AM

Quant Time: Sep 11 05:01:41 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	289277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	488115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	445741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	314643	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	7.58	113	213005	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	10.09	98	873997	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.41	95	291959	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
Target Compounds						
					Qvalue	
16) Acetone	3.80	43	20510	10.678	ug/l	95
19) Methyl tert-butyl Ether	5.02	73	316231	24.669	ug/l	99
39) Methylcyclohexane	9.07	83	6009	1.010	ug/l	94
40) Benzene	8.03	78	18702	1.097	ug/l	97
73) Isopropylbenzene	12.25	105	77037	4.028	ug/l	99
78) n-propylbenzene	12.60	91	111974	5.098	ug/l	94
83) tert-Butylbenzene	13.00	119	9407	0.655	ug/l	90
84) 1,2,4-Trimethylbenzene	13.05	105	5870	0.357	ug/l	96
85) sec-Butylbenzene	13.18	105	39562	2.078	ug/l	86
89) n-Butylbenzene	13.62	91	8109m	0.512	ug/l	
95) Naphthalene	15.13	128	56198	2.399	ug/l	98

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

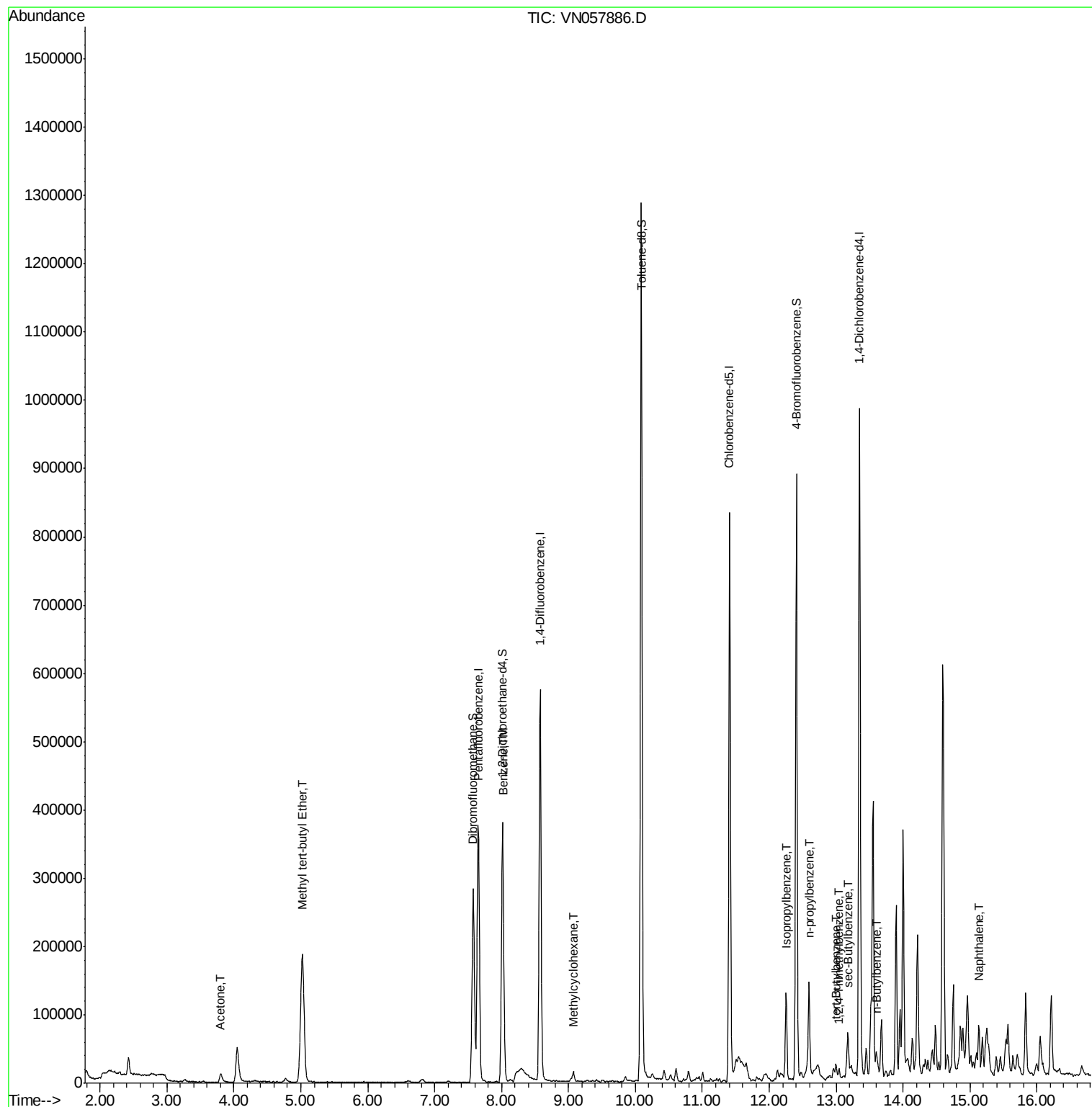
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057886.D
Acq On : 11 Sep 2019 00:01
Operator : JC/SP
Sample : K4818-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 11 05:01:41 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# 1829

Delta R.T. 0.00 min

Lab File: VN057886.D

Acq: 11 Sep 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

DUP-091019-01

Tgt Ion:168 Resp: 289277

Ion Ratio Lower Upper

168 100

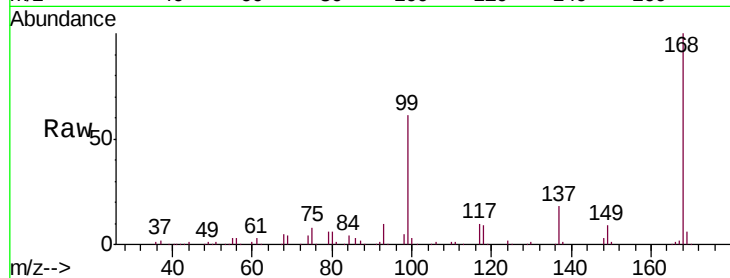
99 60.5 48.0 72.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

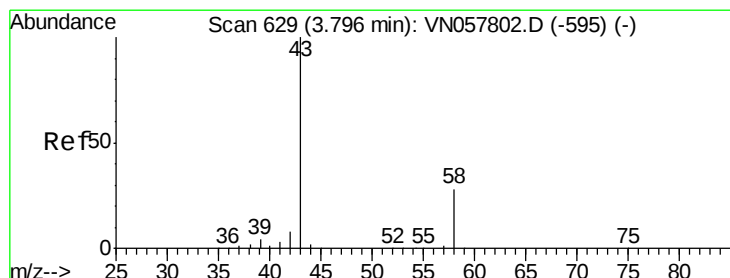
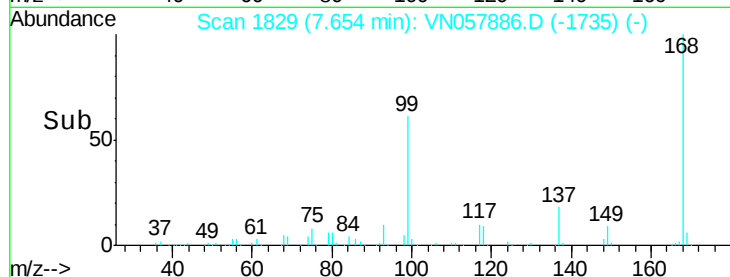
7.65

100000

50000

0

Time-->



#16

Acetone

Concen: 10.678 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057886.D

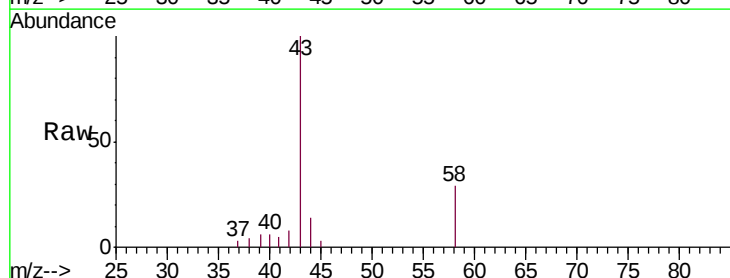
Acq: 11 Sep 2019 00:01

Tgt Ion: 43 Resp: 20510

Ion Ratio Lower Upper

43 100

58 30.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

8000

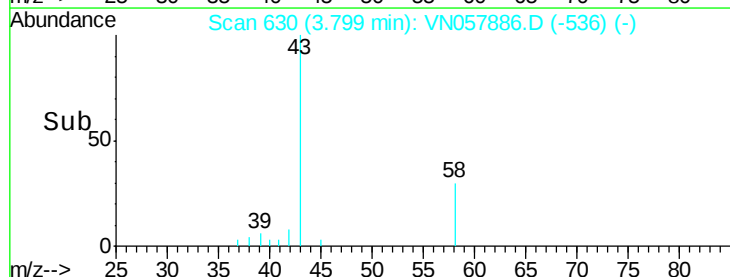
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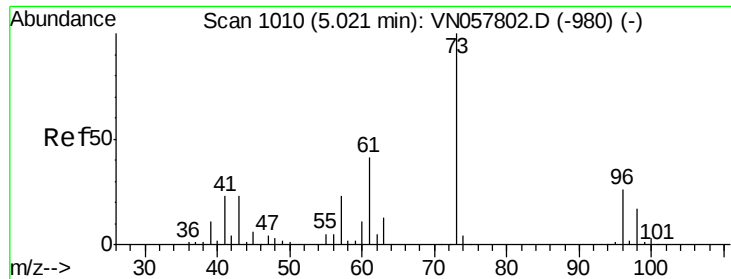
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Time-->





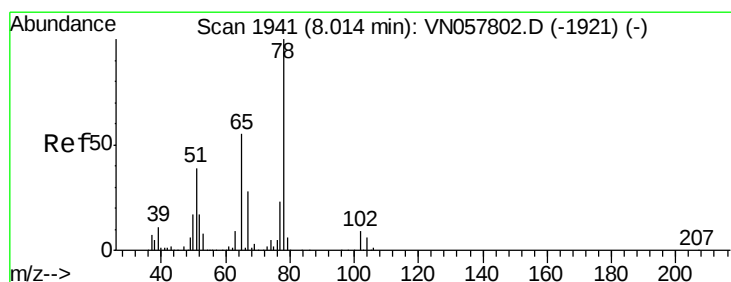
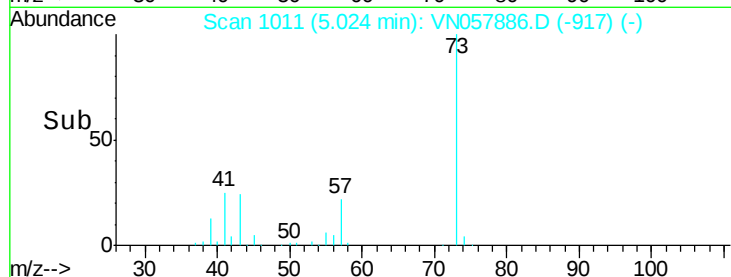
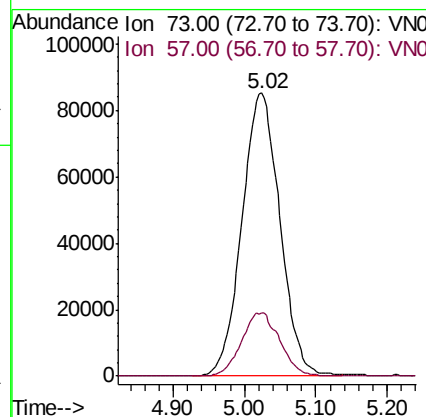
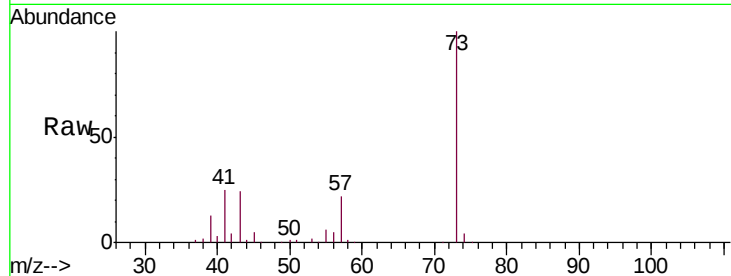
#19
Methyl tert-butyl Ether
Concen: 24.669 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-091019-01

Tgt Ion: 73 Resp: 316231
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.2

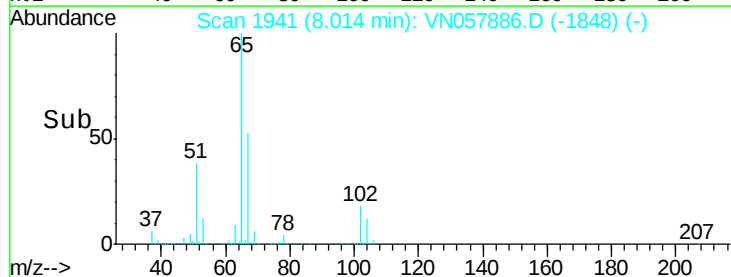
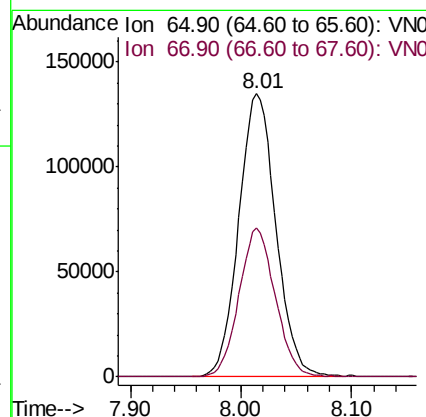
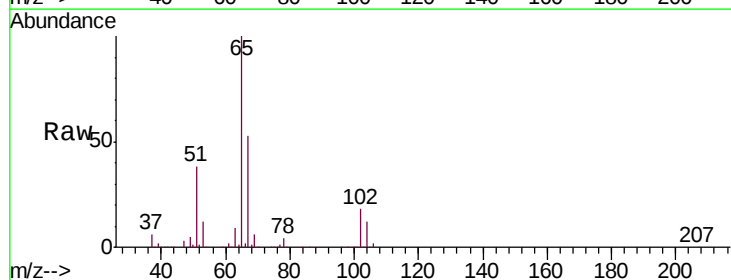
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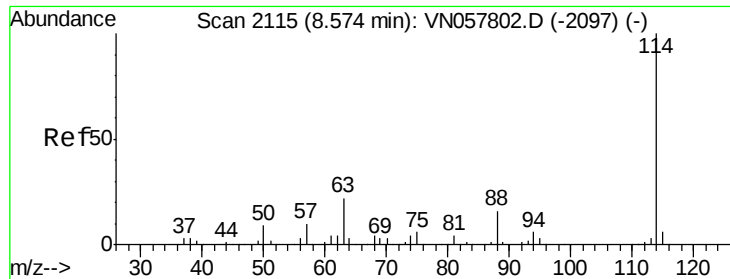
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#33
1,2-Dichloroethane-d4
Concen: 53.702 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Tgt Ion: 65 Resp: 314643
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0





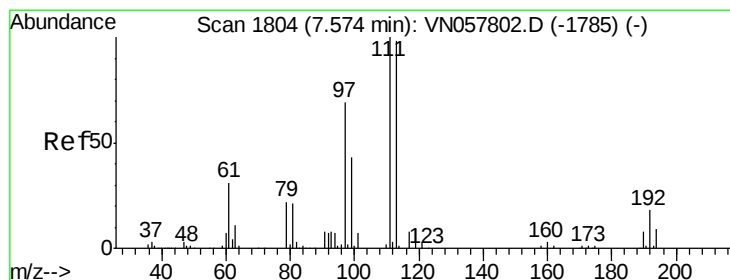
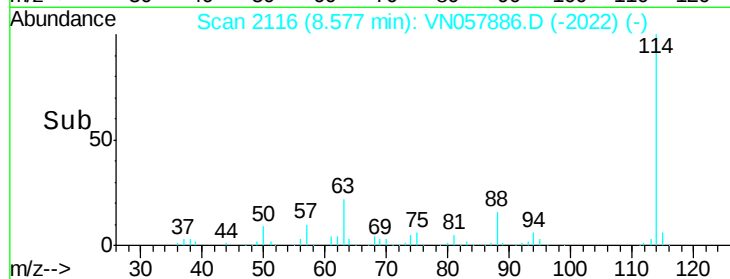
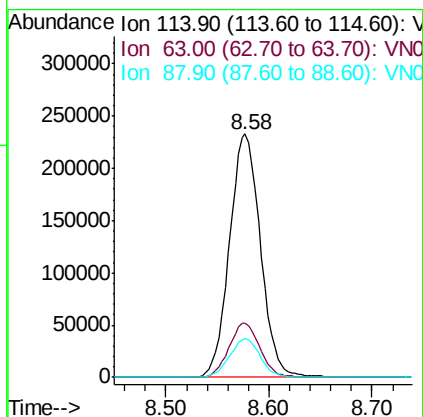
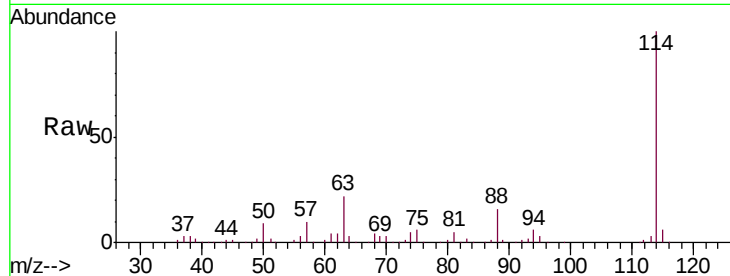
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057886.D
 Acq: 11 Sep 2019 00:01

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-091019-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.4	0.0	44.0
88	16.2	0.0	31.4

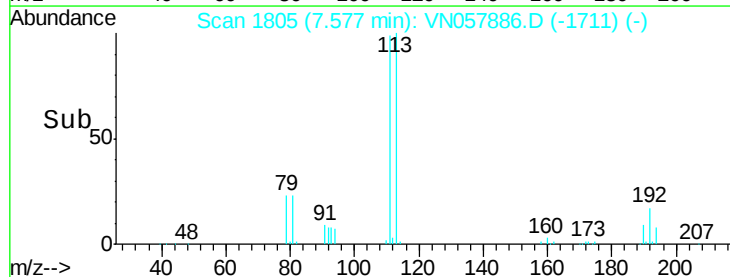
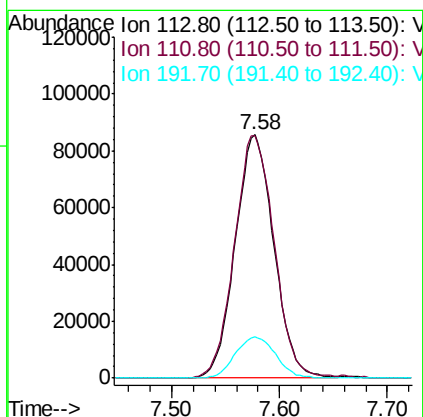
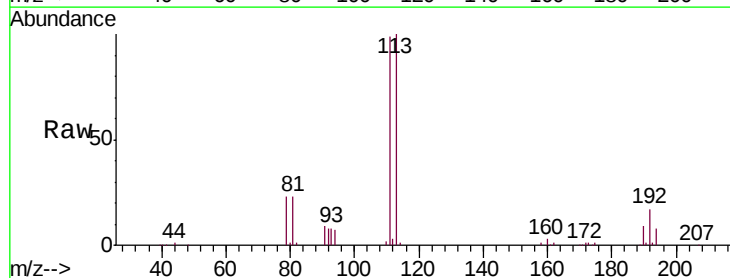
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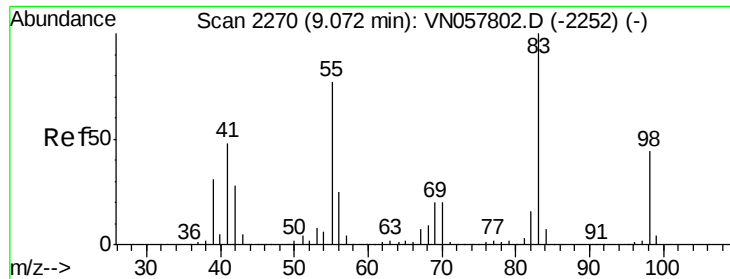
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#35
 Dibromofluoromethane
 Concen: 47.281 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057886.D
 Acq: 11 Sep 2019 00:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.3	81.3	121.9
192	17.7	14.6	22.0





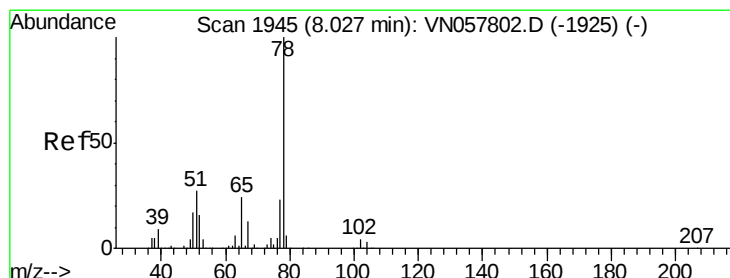
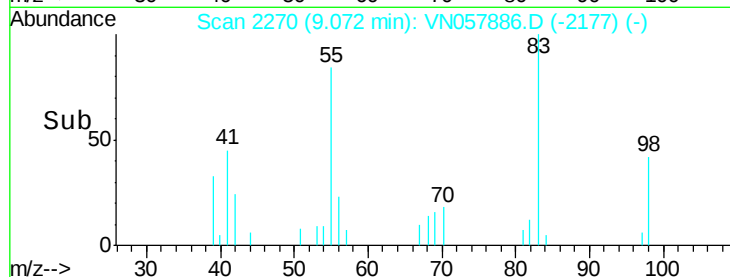
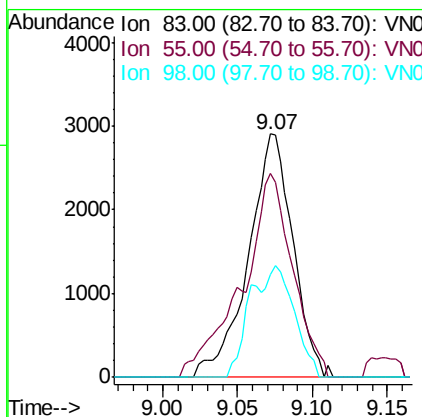
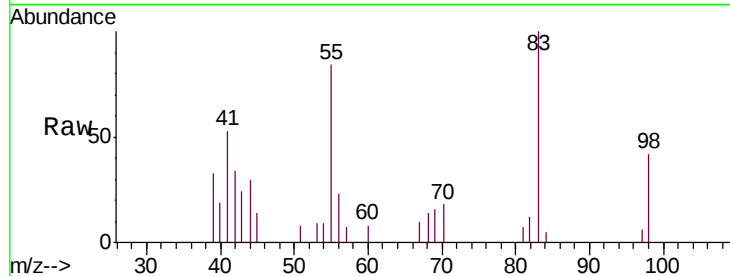
#39
Methylcyclohexane
Concen: 1.010 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-091019-01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.0	61.6	92.4
98	42.0	34.9	52.3

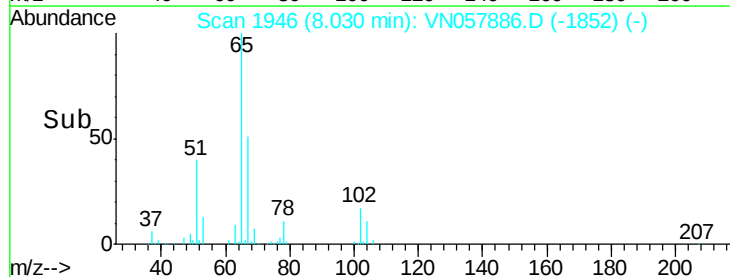
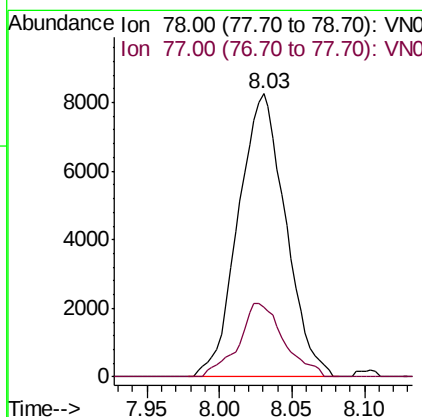
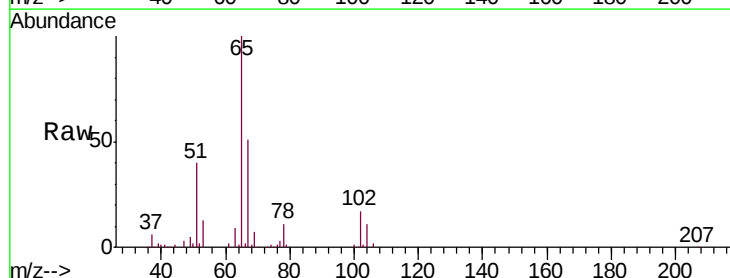
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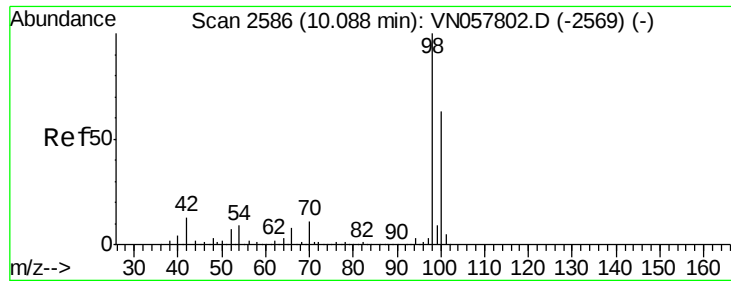
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#40
Benzene
Concen: 1.097 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.3	27.5





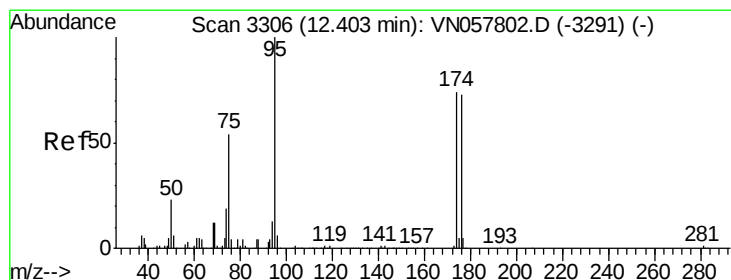
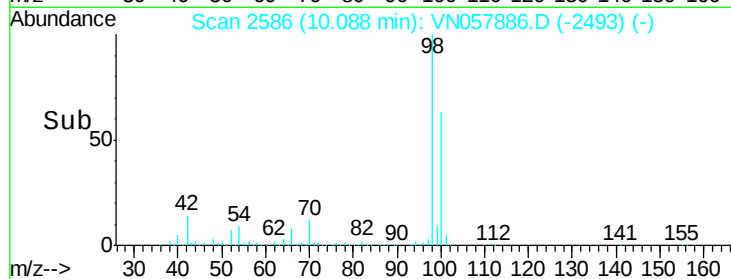
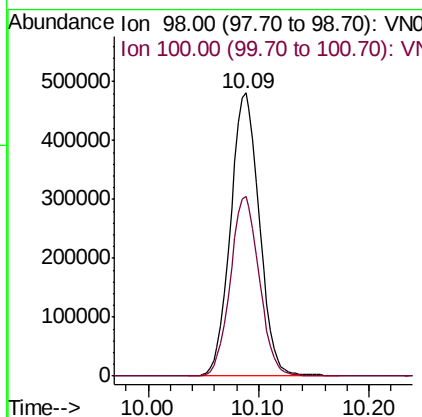
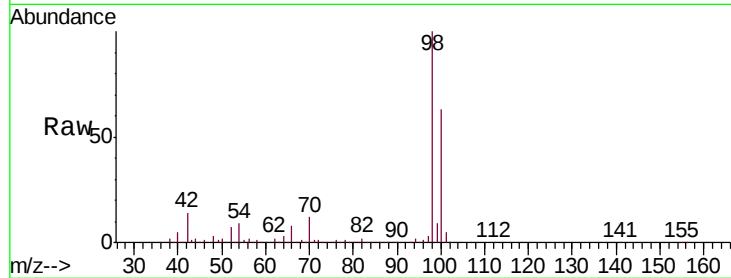
#50
Toluene-d8
Concen: 49.968 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-091019-01

Tgt Ion: 98 Resp: 873997
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5

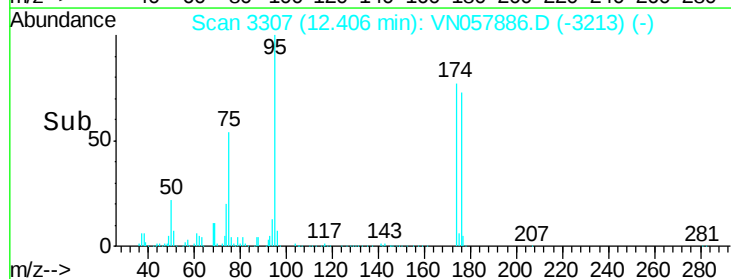
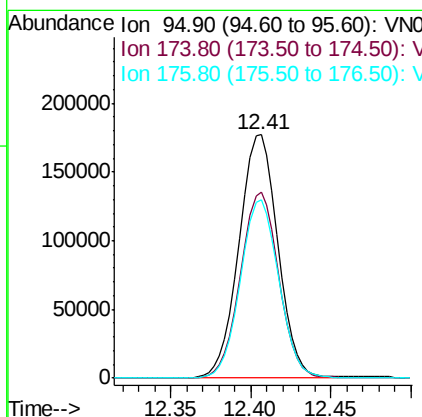
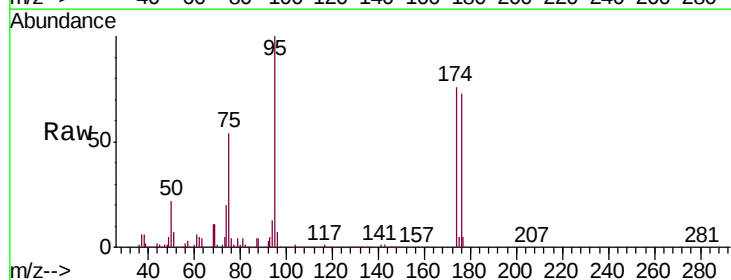
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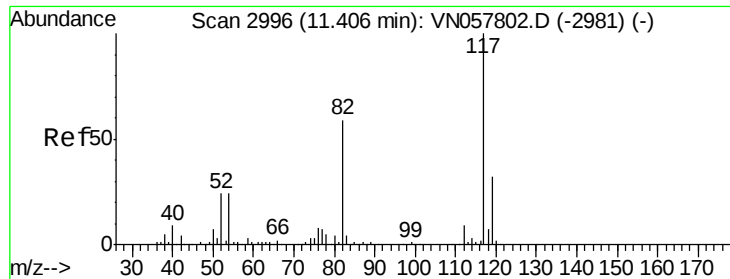
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#62
4-Bromofluorobenzene
Concen: 43.800 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Tgt Ion: 95 Resp: 291959
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.2
176 73.0 0.0 146.0





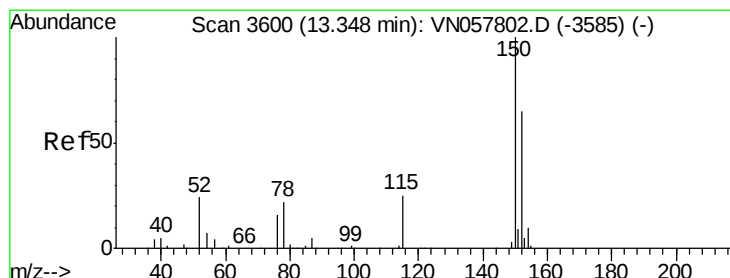
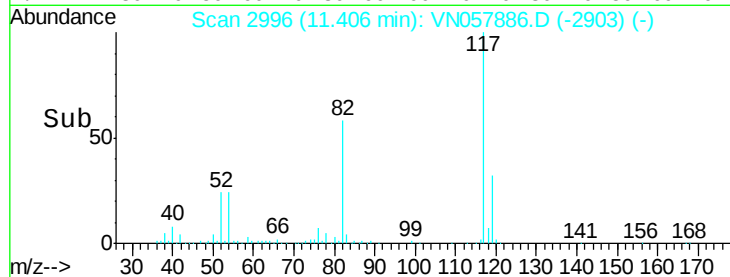
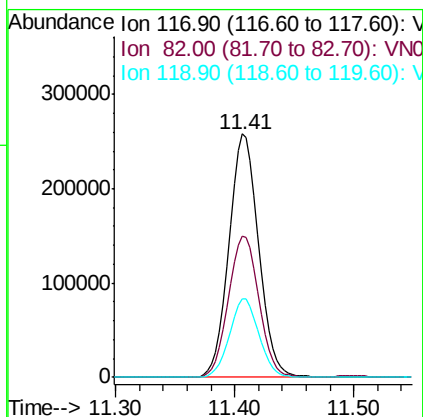
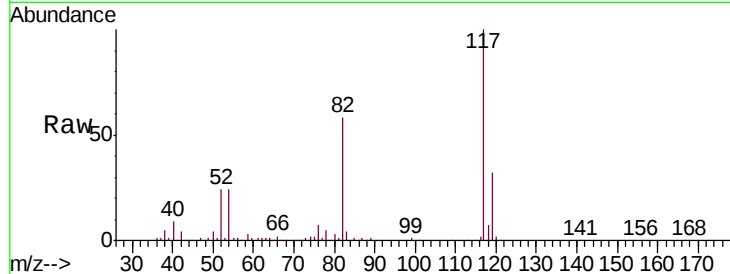
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-091019-01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	445741		
82	57.8	47.2	70.8	
119	32.2	25.3	37.9	

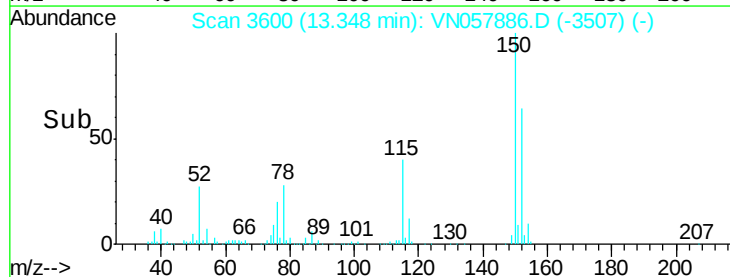
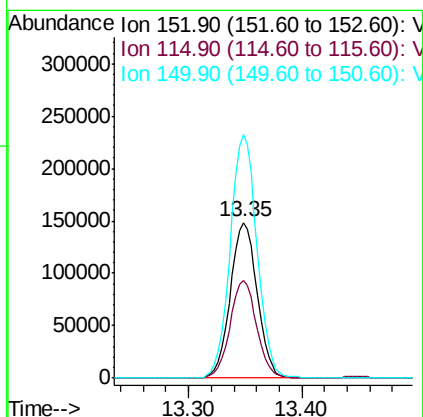
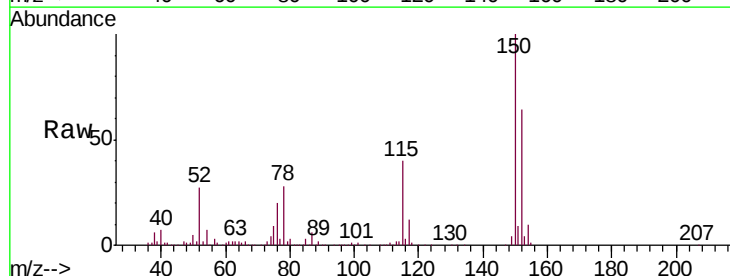
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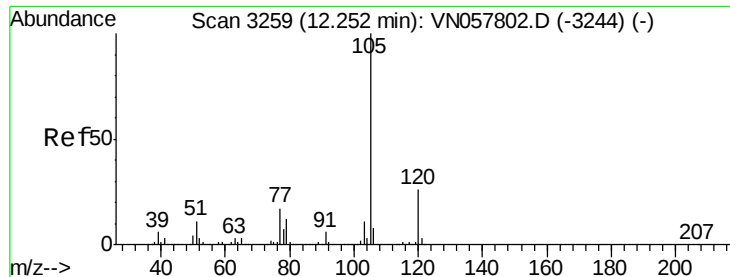
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	246501		
115	61.3	30.3	91.0	
150	155.1	0.0	352.4	





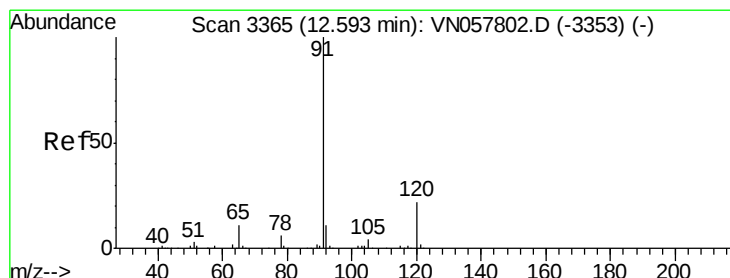
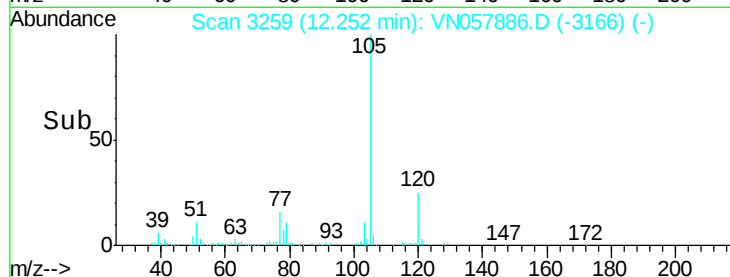
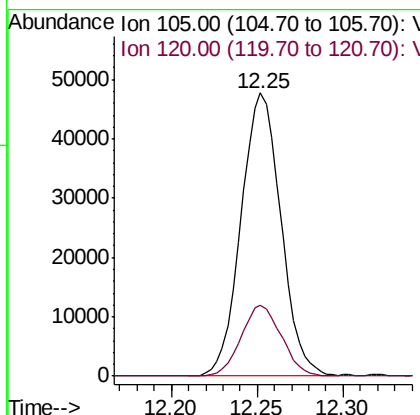
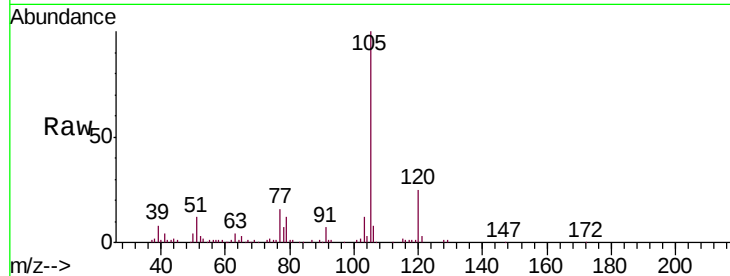
#73
Isopropylbenzene
Concen: 4.028 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-091019-01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.8	38.4

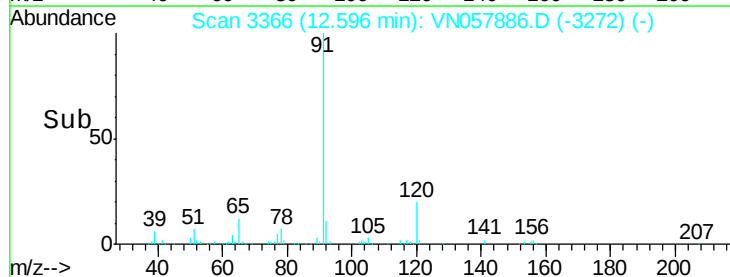
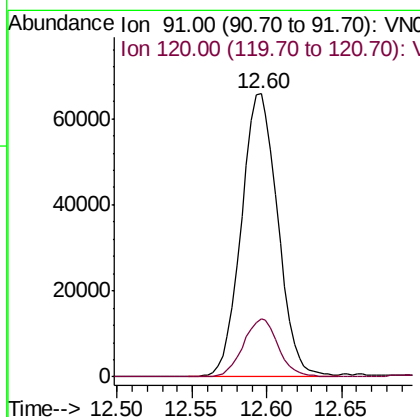
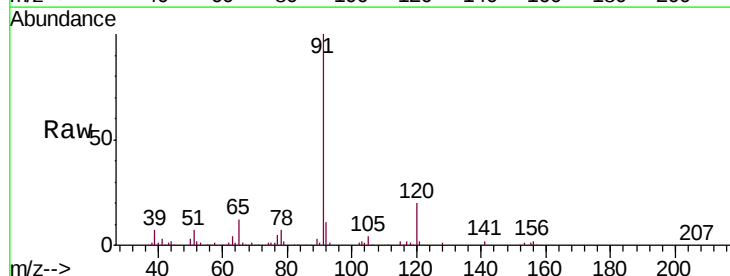
Manual Integrations
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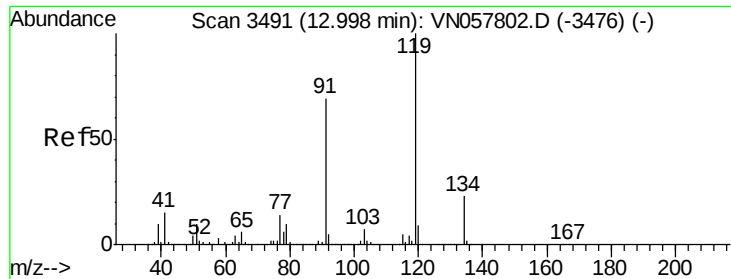
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#78
n-propylbenzene
Concen: 5.098 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	19.5	11.1	33.1





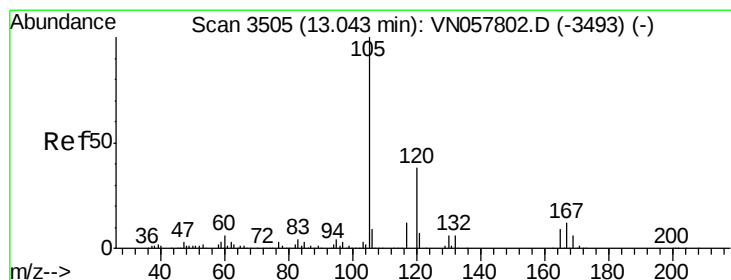
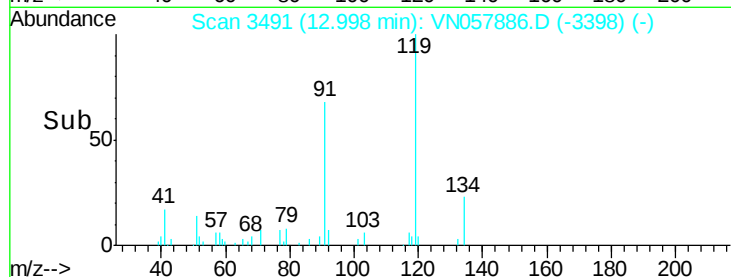
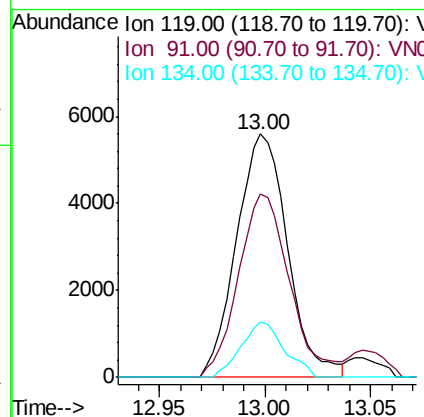
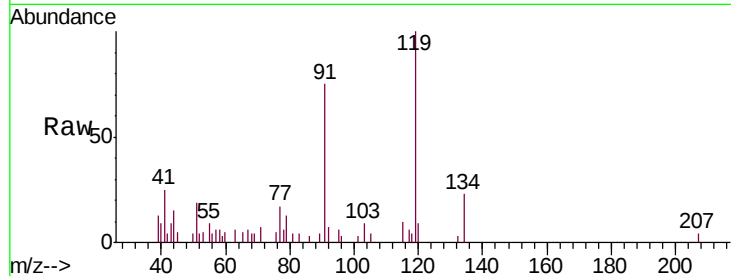
#83
 tert-Butylbenzene
 Concen: 0.655 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057886.D
 Acq: 11 Sep 2019 00:01

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-091019-01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	76.0	33.6	100.8
134	19.2	11.7	35.0

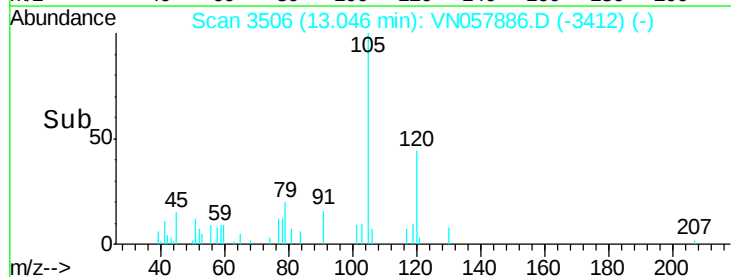
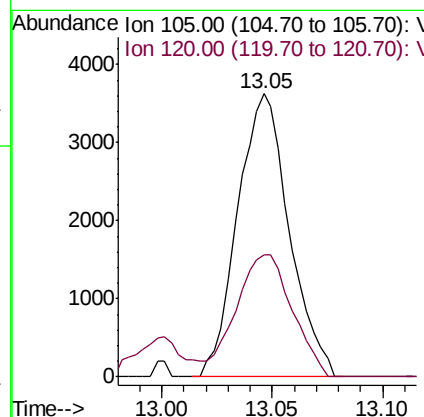
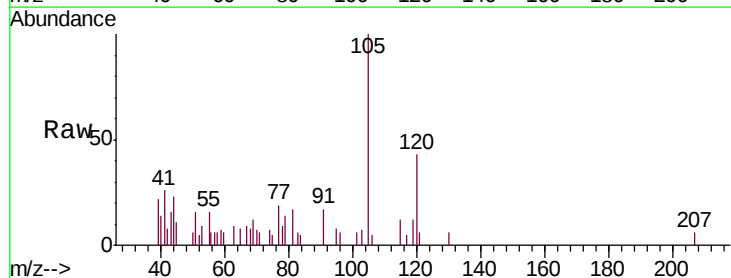
Manual Integrations
 APPROVED

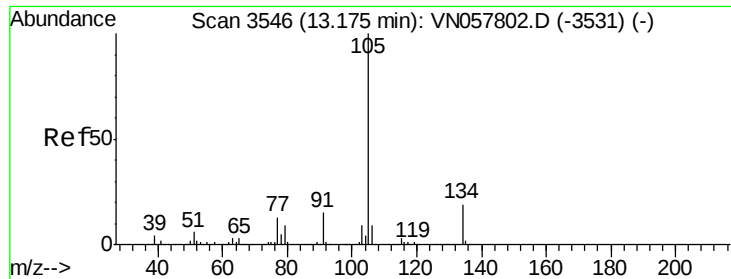
MMDadoda
 9/13/2019 7:06:15 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.357 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057886.D
 Acq: 11 Sep 2019 00:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	22.4	67.2





#85

sec-Butylbenzene

Concen: 2.078 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057886.D

Acq: 11 Sep 2019 00:01

Instrument :

MSVOA_N

ClientSampled :

DUP-091019-01

Tgt Ion: 105 Resp: 39562

Ion Ratio Lower Upper

105 100

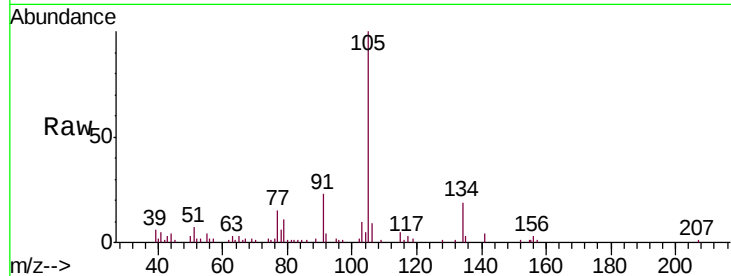
134 25.4 9.6 28.6

Manual Integrations

APPROVED

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9/13/2019 7:06:15 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

25000

20000

15000

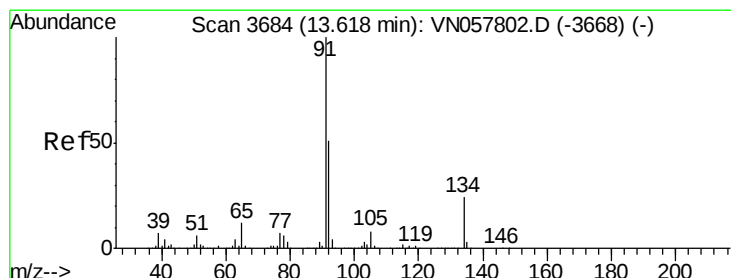
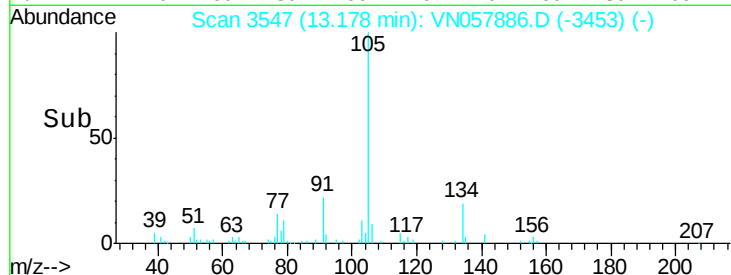
10000

5000

0

Time--> 13.10 13.15 13.20

13.18



#89

n-Butylbenzene

Concen: 0.512 ug/l m

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057886.D

Acq: 11 Sep 2019 00:01

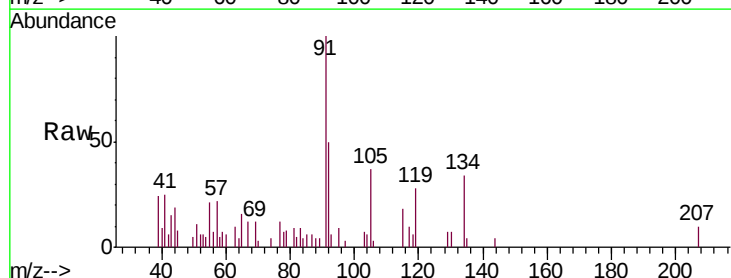
Tgt Ion: 91 Resp: 8109

Ion Ratio Lower Upper

91 100

92 51.6 25.7 77.0

134 0.0 11.9 35.7#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

8000

6000

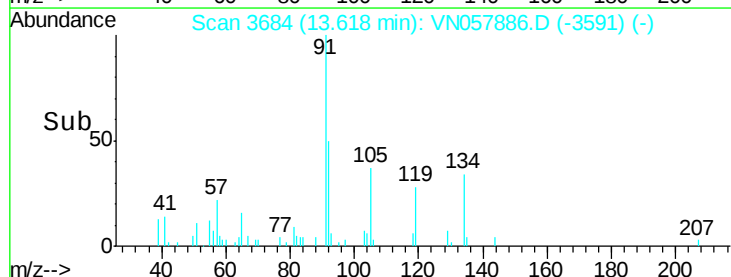
4000

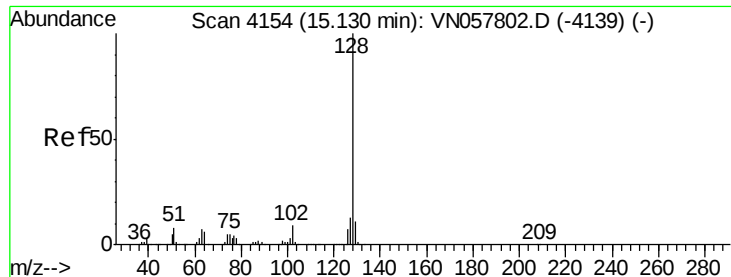
2000

0

Time--> 13.60 13.65

13.62





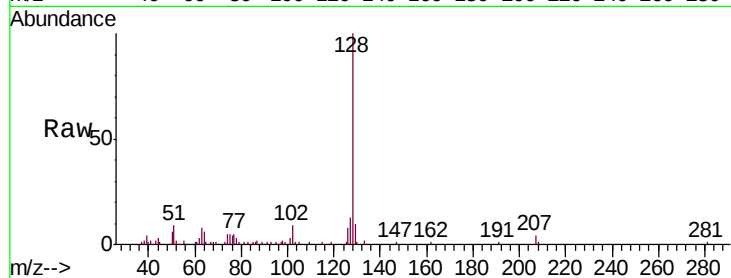
#95
Naphthalene
Concen: 2.399 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057886.D
Acq: 11 Sep 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
DUP-091019-01

Tgt Ion:	128	Resp:	56198
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.3	15.5
129	10.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/13/2019 7:06:15 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

