

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058303.D
 Acq On : 23 Sep 2019 19:12
 Operator : JC/SP
 Sample : K4665-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-091919

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:49:32 AM

Quant Time: Sep 25 11:48:06 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	474324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	785233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	686673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	358006	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
35) Dibromofluoromethane	7.57	113	248171	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.09	98	1005304	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.41	95	318349	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
Target Compounds						
					Qvalue	
16) Acetone	3.80	43	45296m	20.199	ug/l	
20) Methylene Chloride	4.53	84	227327	57.936	ug/l	98
43) Isopropyl Acetate	8.15	43	77476m	7.059	ug/l	
52) Toluene	10.15	92	3748	0.346	ug/l	88
67) Ethyl Benzene	11.51	91	23555m	1.138	ug/l	
68) m/p-Xylenes	11.62	106	35626	4.571	ug/l	98
69) o-Xylene	11.95	106	19754	2.577	ug/l	99
73) Isopropylbenzene	12.26	105	3709m	0.212	ug/l	
78) n-propylbenzene	12.60	91	15152m	0.764	ug/l	
80) 1,3,5-Trimethylbenzene	12.74	105	42061	2.849	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	144008	9.802	ug/l	100
95) Naphthalene	15.14	128	53064m	3.983	ug/l	

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

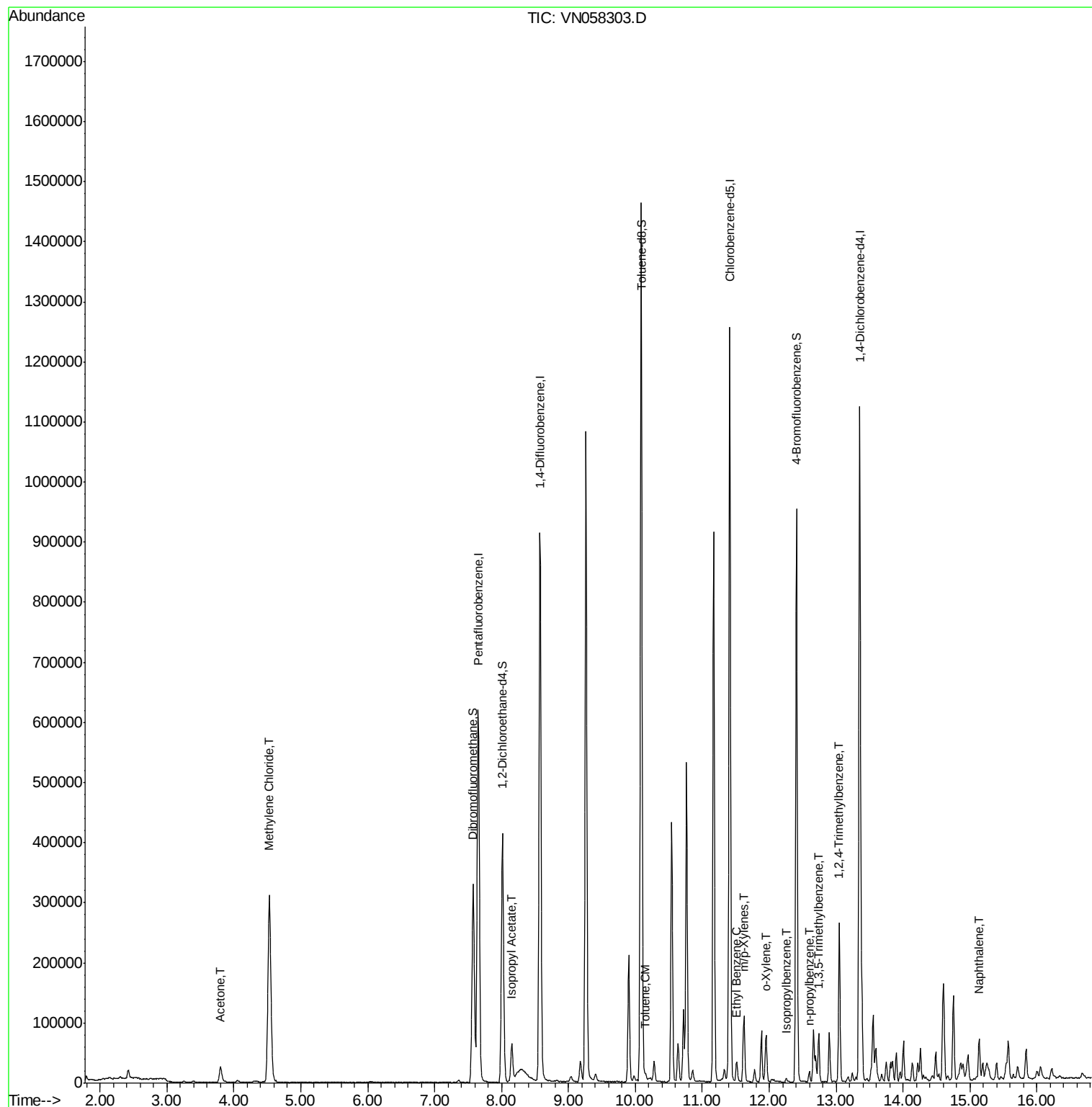
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
Data File : VN058303.D
Acq On : 23 Sep 2019 19:12
Operator : JC/SP
Sample : K4665-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 25 11:48:06 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# 1828

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

EO-01-091919

Tot Ion:168 Resp: 474324

Ion Ratio Lower Upper

168 100

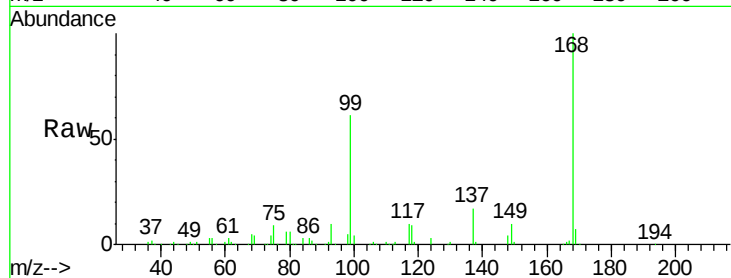
99 61.4 47.4 71.2

Manual Integrations

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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

200000

150000

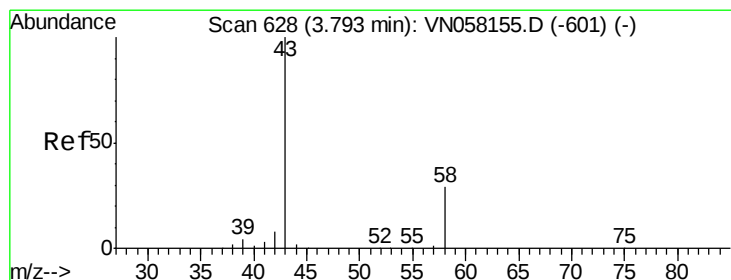
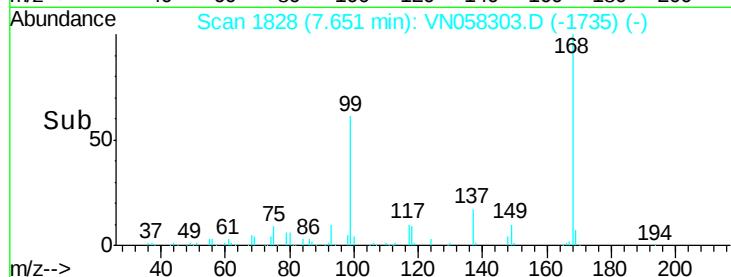
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 20.199 ug/l m

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058303.D

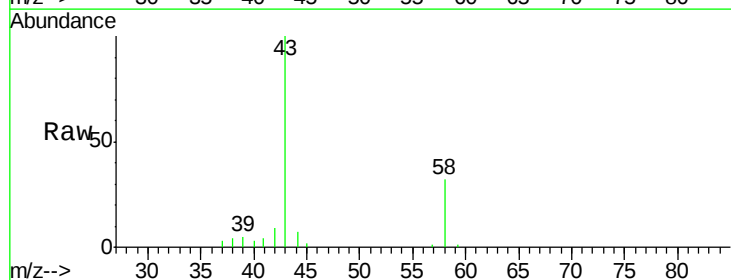
Acq: 23 Sep 2019 19:12

Tgt Ion: 43 Resp: 45296

Ion Ratio Lower Upper

43 100

58 32.0 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

15000

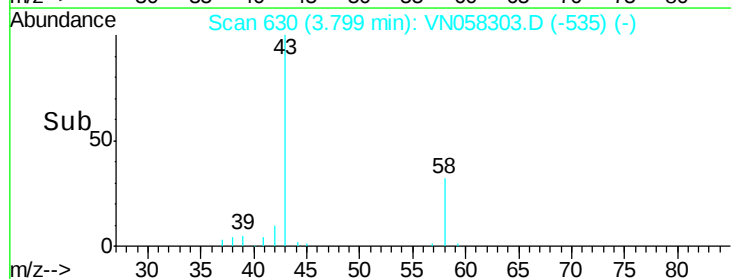
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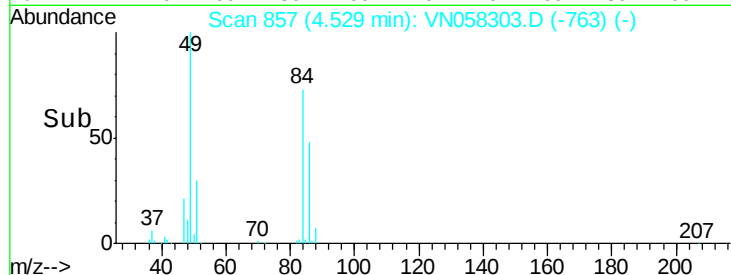
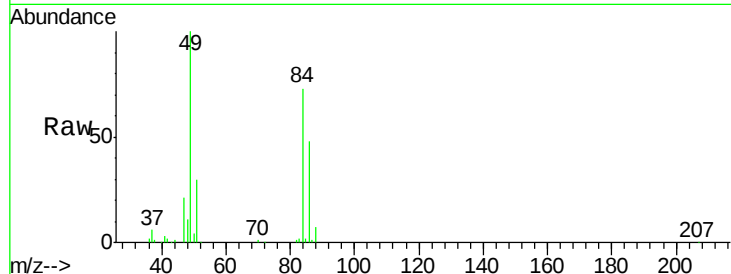
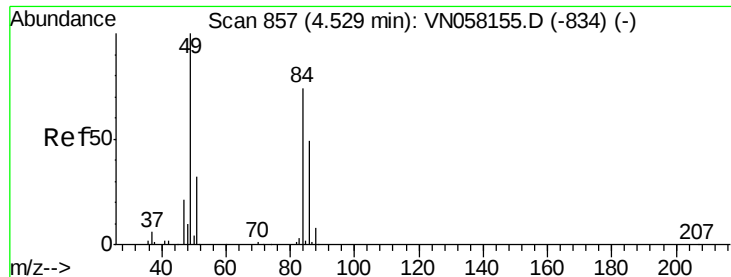
5000

0

3.70 3.80 3.90

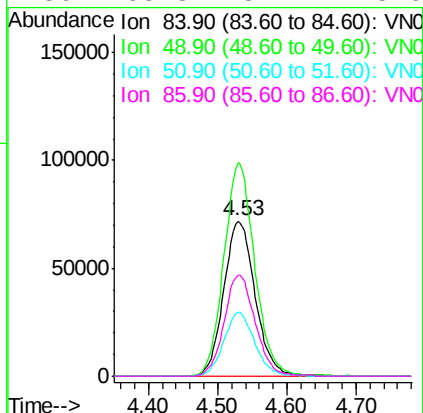
Time-->





#20
Methvlene Chloride
Concen: 57.936 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

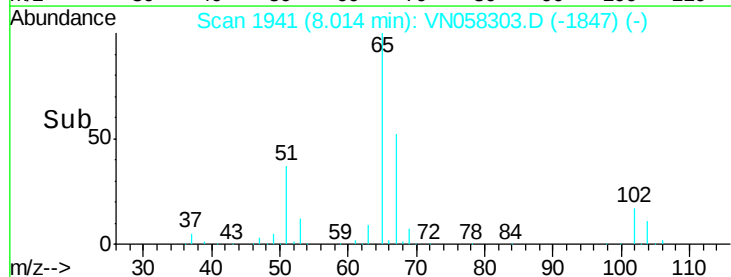
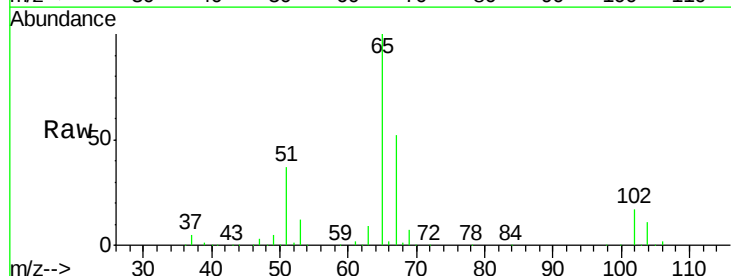
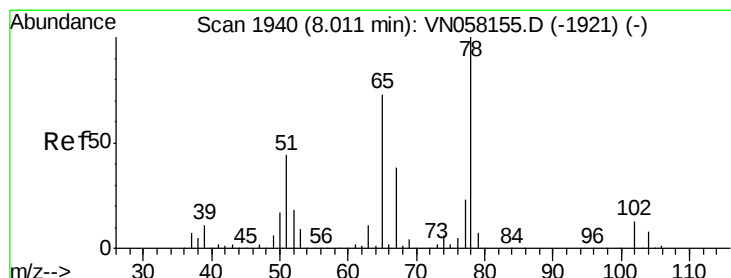
Tot Ion	84	Resp	227327
Ion Ratio	Lower	Upper	
84	100		
49	137.3	107.5	161.3
51	41.2	33.9	50.9
86	65.3	52.4	78.6



Instrument :
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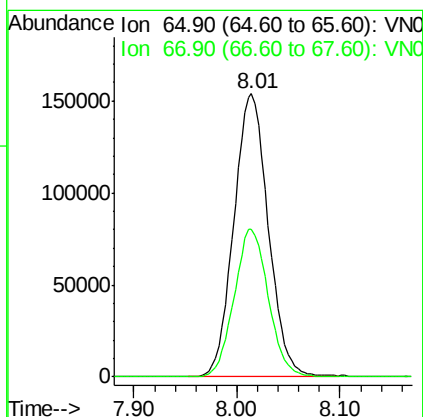
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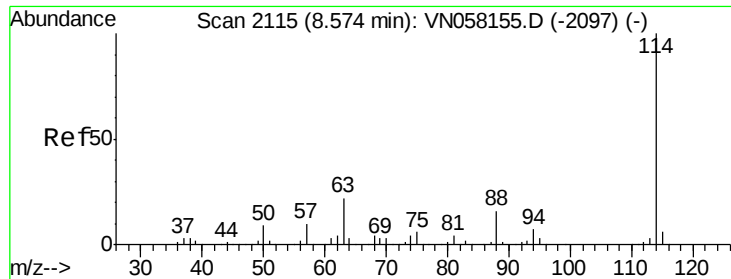
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#33
1,2-Dichloroethane-d4
Concen: 54.191 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

Tgt Ion	65	Resp	358006
Ion Ratio	Lower	Upper	
65	100		
67	51.8	0.0	103.4





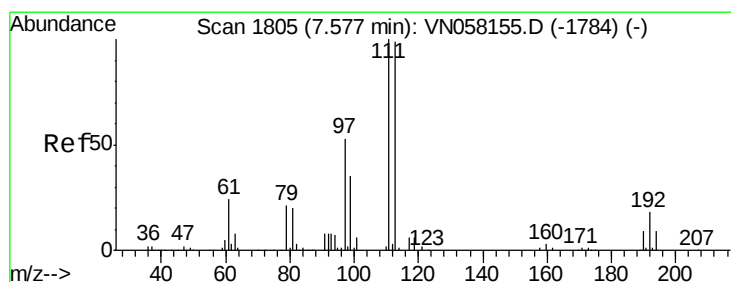
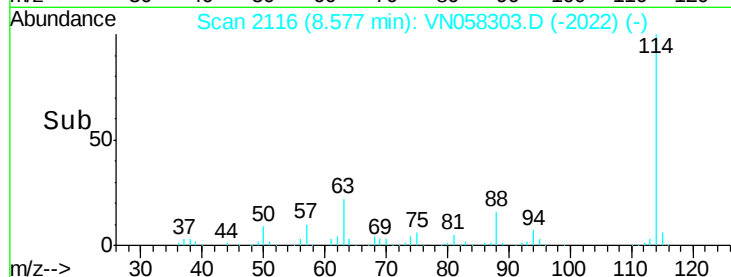
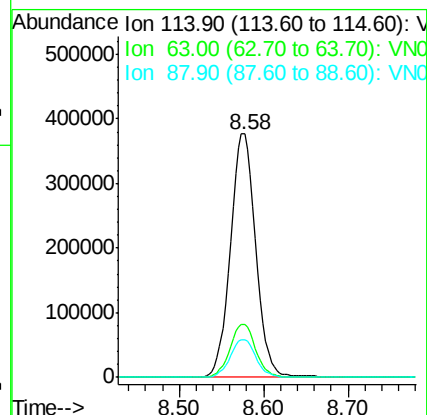
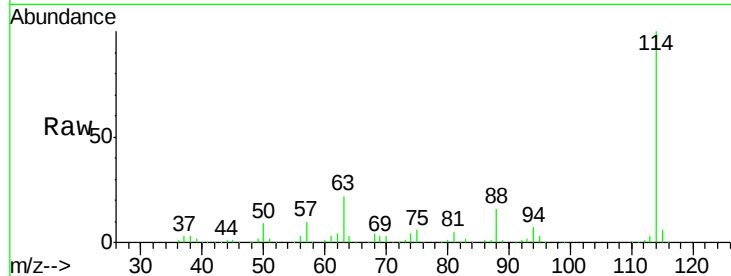
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058303.D
 Acq: 23 Sep 2019 19:12

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-091919

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.7	0.0	44.2
88	15.6	0.0	31.6

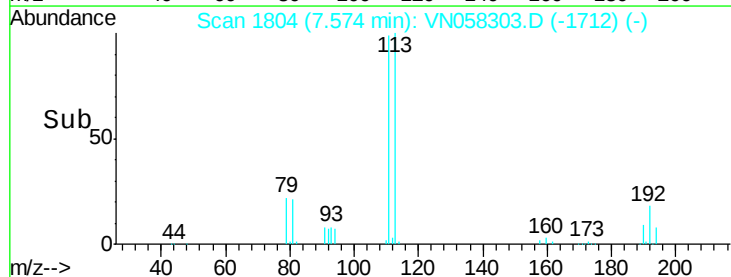
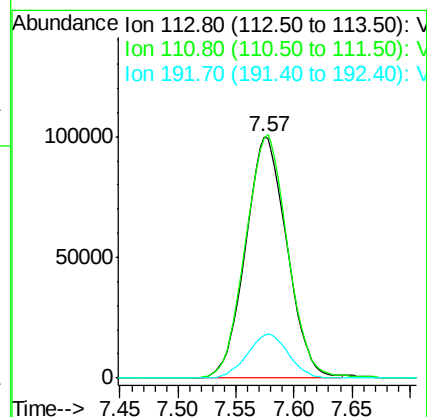
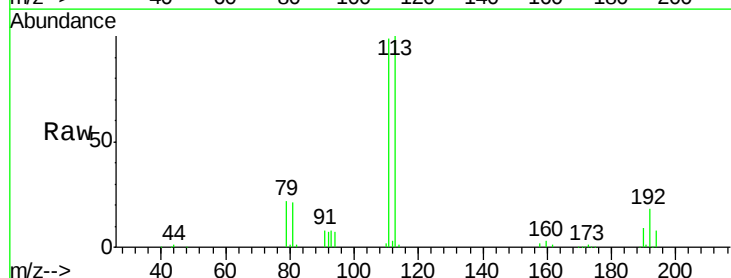
Manual Integrations
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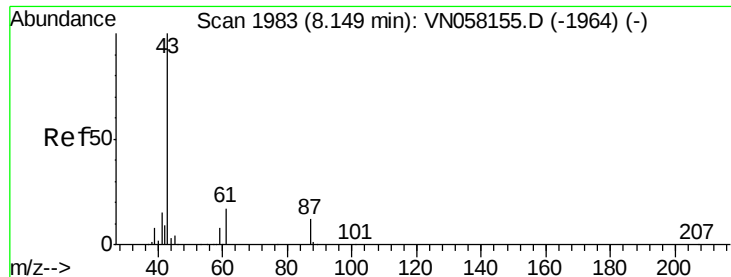
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#35
 Dibromofluoromethane
 Concen: 51.989 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058303.D
 Acq: 23 Sep 2019 19:12

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.5	81.8	122.6
192	18.2	14.5	21.7





#43

Isopropyl Acetate

Concen: 7.059 ug/l m

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

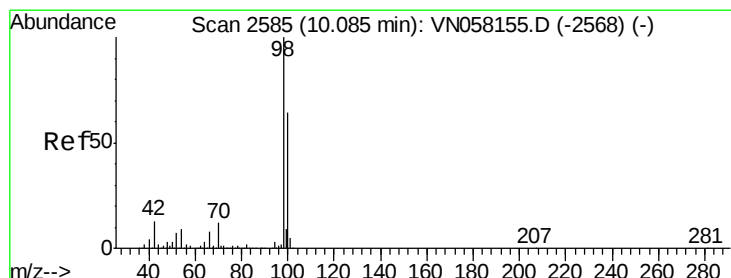
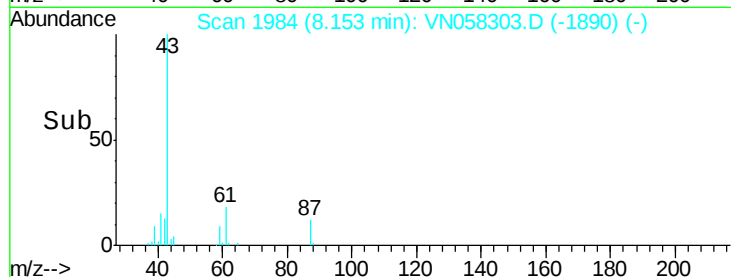
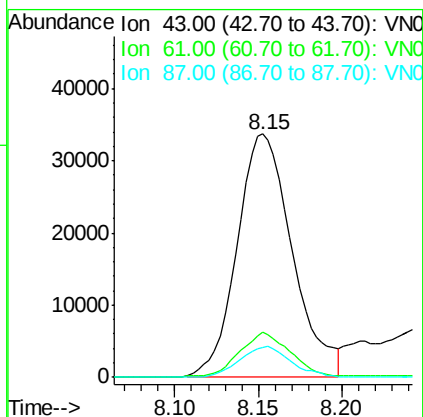
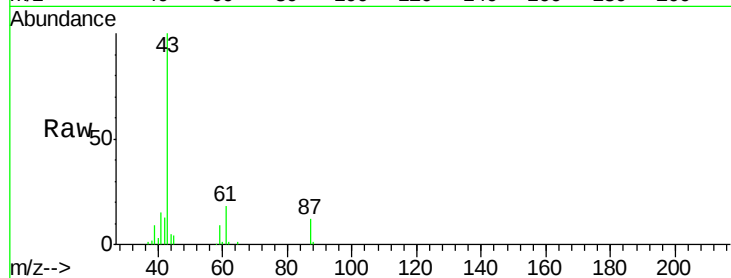
ClientSampleId :

EO-01-091919

Tot Ion:	43	Resp:	77476
Ion	Ratio	Lower	Upper
43	100		
61	17.4	19.7	29.5#
87	11.6	9.4	14.2

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#50

Toluene-d8

Concen: 54.052 ug/l

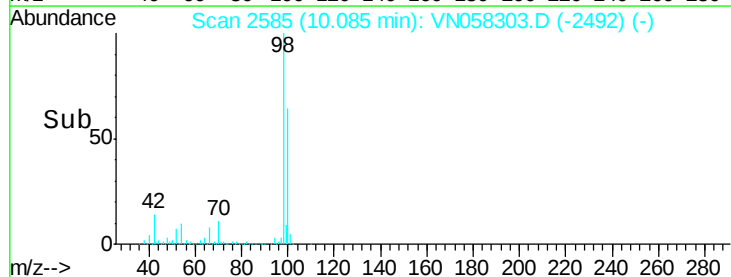
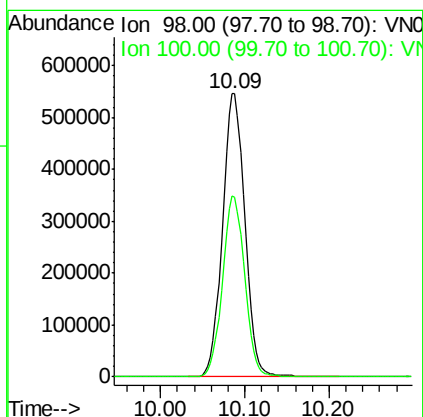
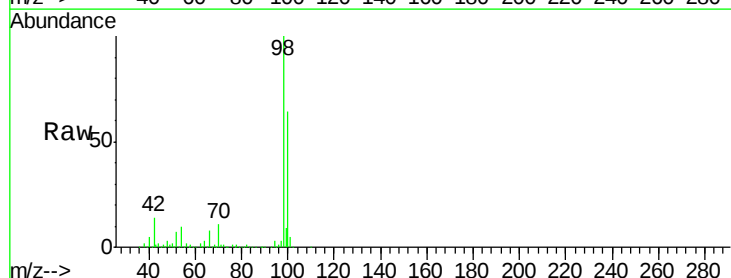
RT: 10.09 min Scan# 2585

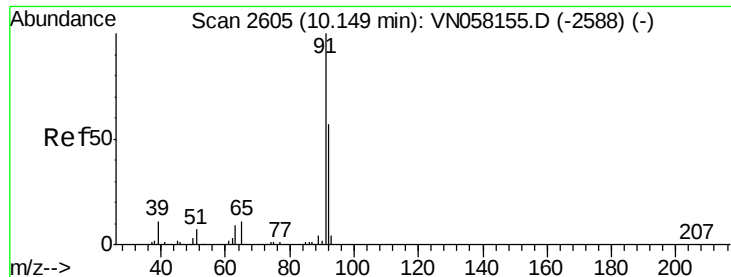
Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Tgt Ion:	98	Resp:	1005304
Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.1	76.7





#52

Toluene

Concen: 0.346 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

EO-01-091919

Tot Ion: 92 Resp: 3748

Ion Ratio Lower Upper

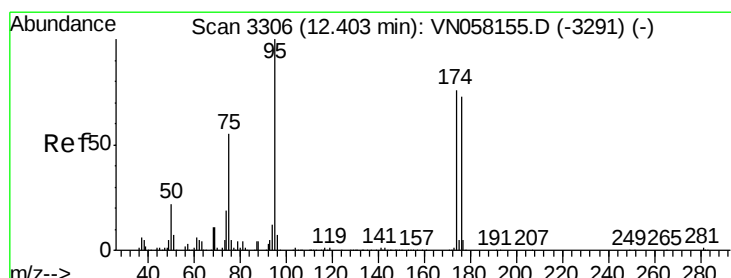
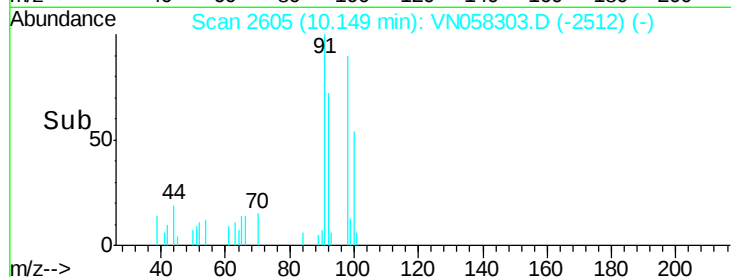
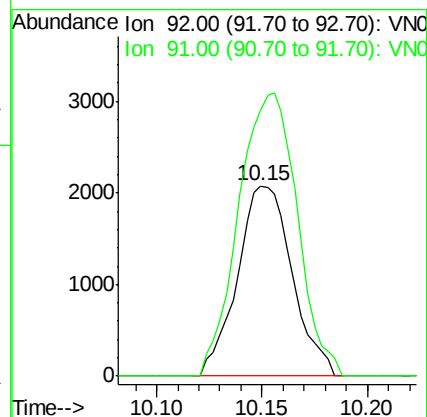
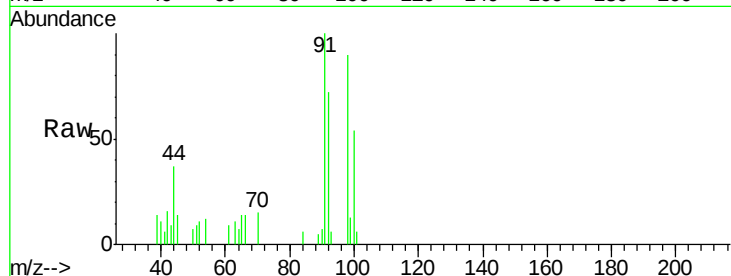
92 100

91 159.2 140.2 210.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 46.079 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

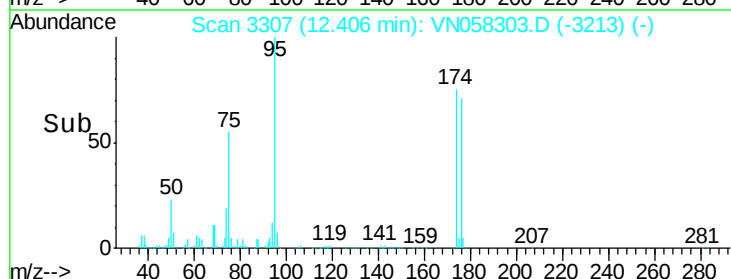
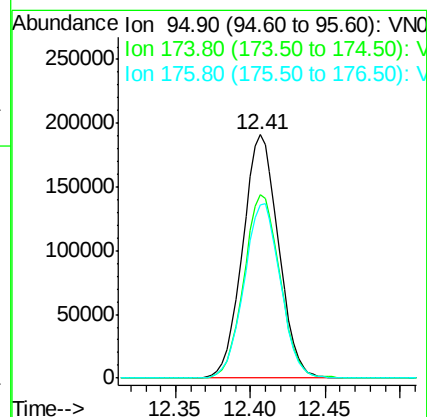
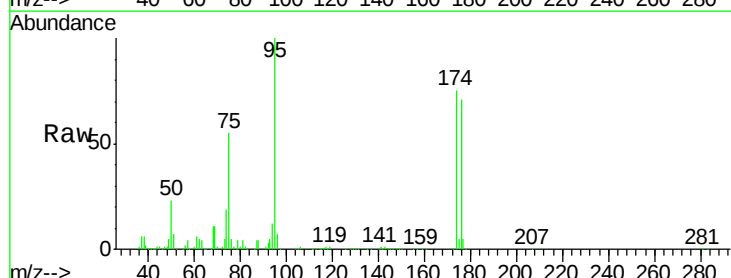
Tgt Ion: 95 Resp: 318349

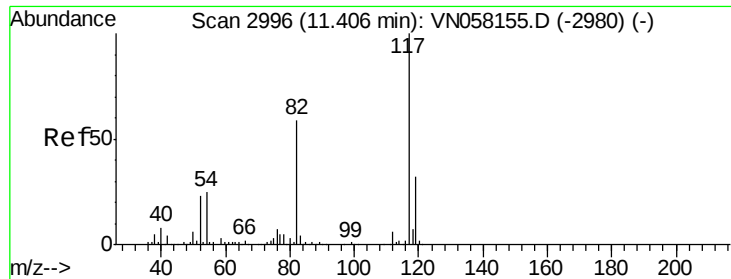
Ion Ratio Lower Upper

95 100

174 75.9 0.0 152.2

176 72.8 0.0 148.0





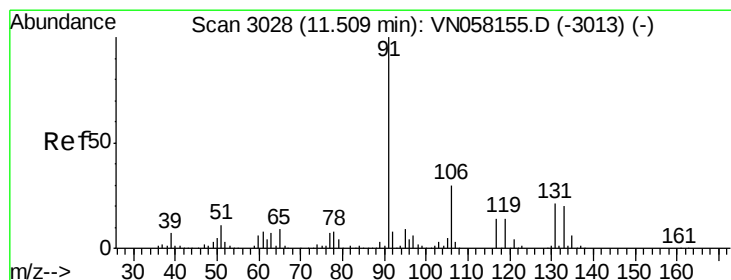
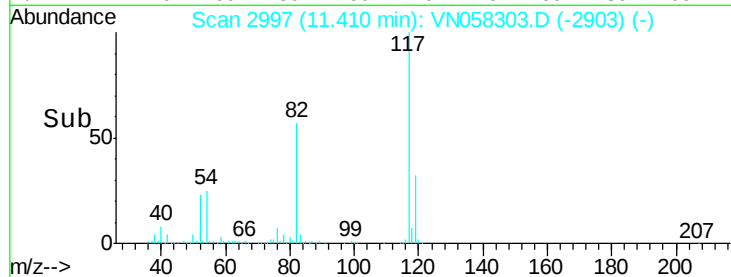
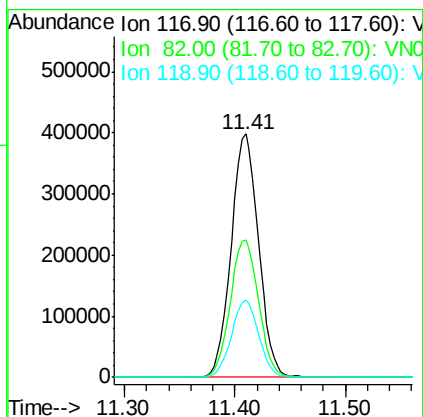
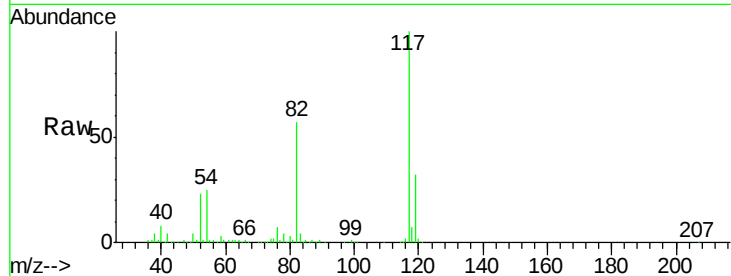
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

Instrument :
MSVOA_N
ClientSampleId :
EO-01-091919

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.9	70.3
119	31.8	25.3	37.9

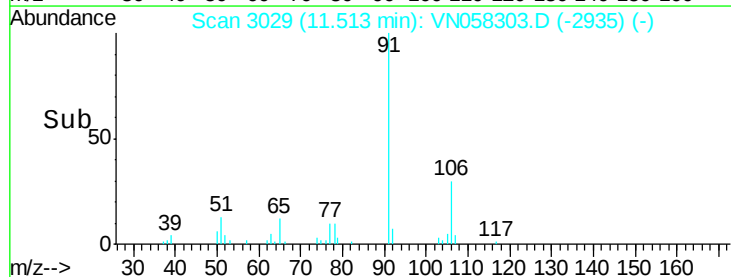
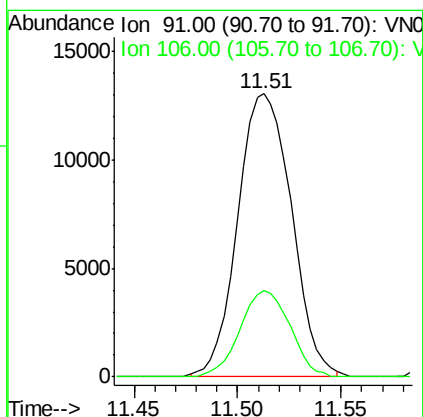
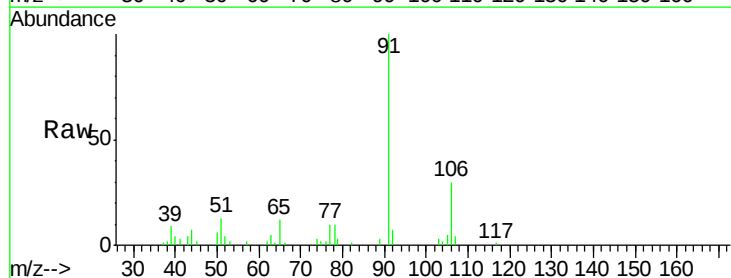
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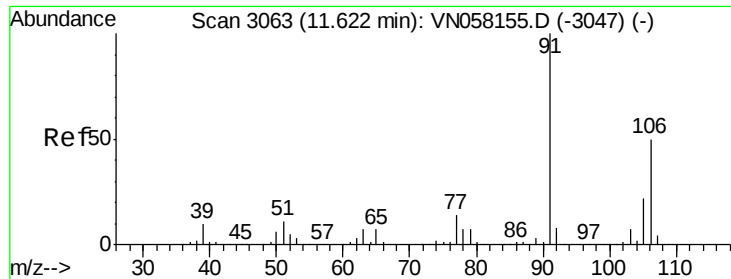
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#67
Ethyl Benzene
Concen: 1.138 ug/l m
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.0	36.0





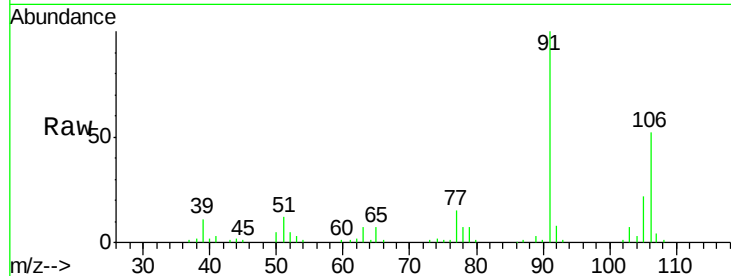
#68
m/p-Xylenes
Concen: 4.571 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

Instrument :
MSVOA_N
ClientSampled :
EO-01-091919

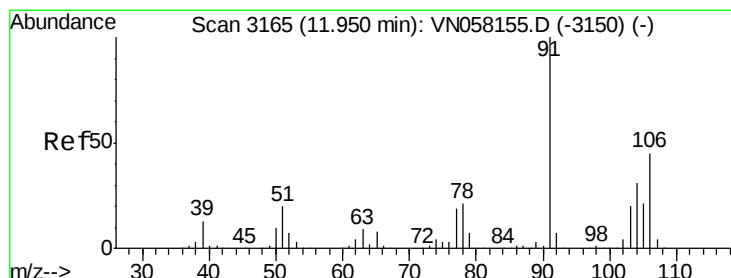
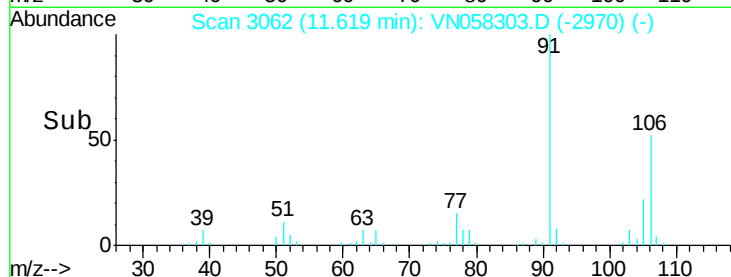
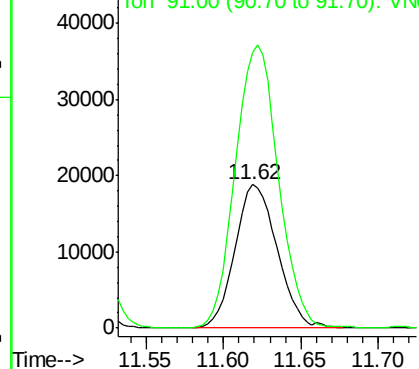
Tot Ion:106 Resp: 35626
Ion Ratio Lower Upper
106 100
91 201.1 163.6 245.4

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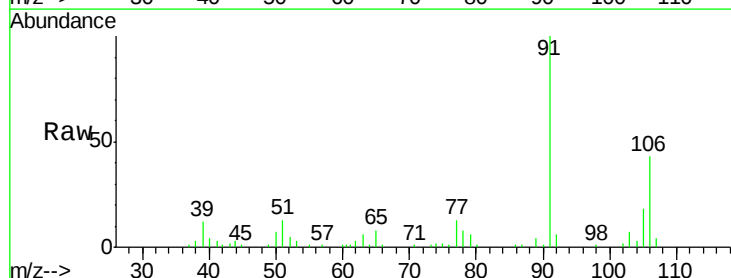


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

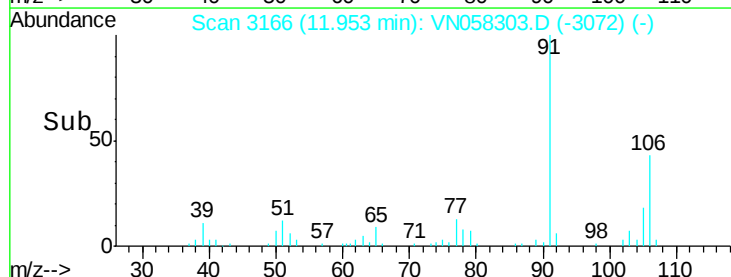
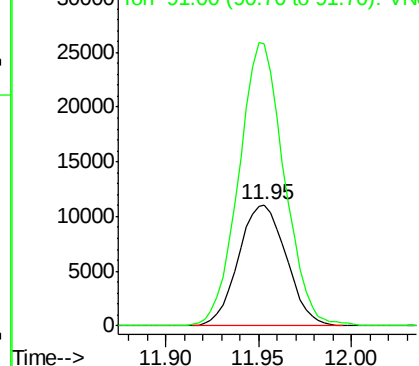


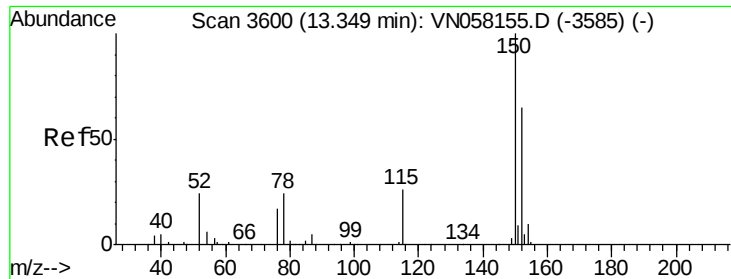
#69
o-Xylene
Concen: 2.577 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

Tgt Ion:106 Resp: 19754
Ion Ratio Lower Upper
106 100
91 222.5 111.8 335.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

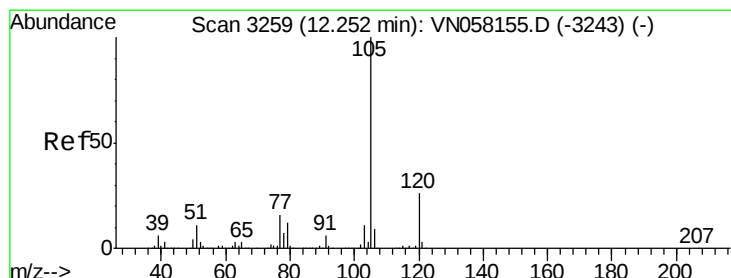
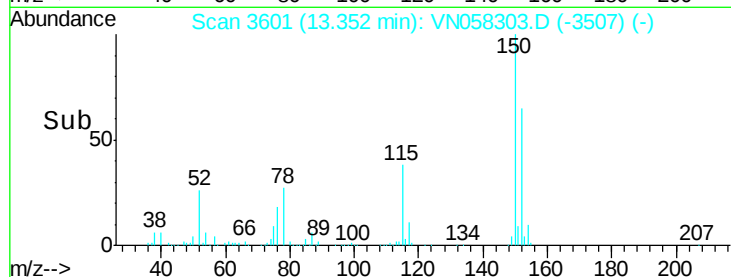
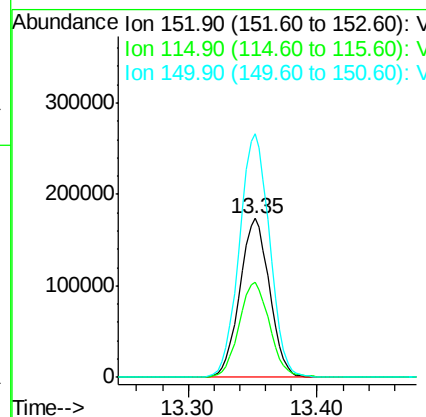
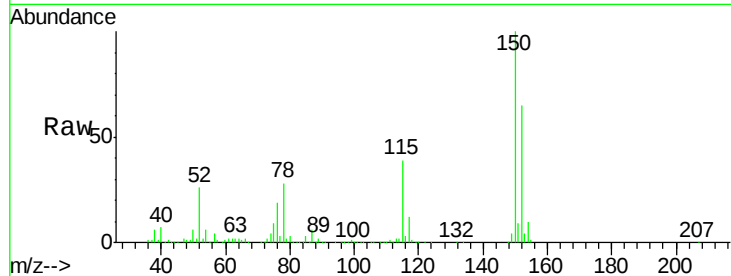
ClientSampleId :

EO-01-091919

Tot Ion:	152	Resp:	278907
Ion Ratio	Lower	Upper	
152	100		
115	61.7	30.1	90.3
150	155.6	0.0	346.4

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#73

Isopropylbenzene

Concen: 0.212 ug/l m

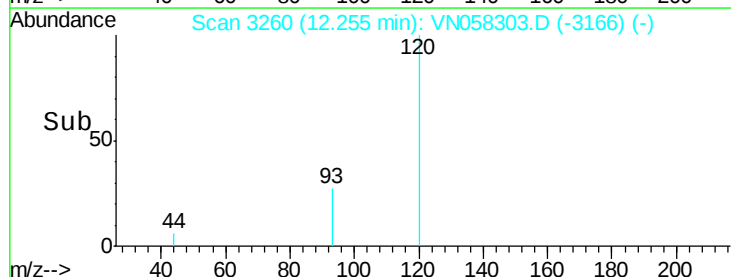
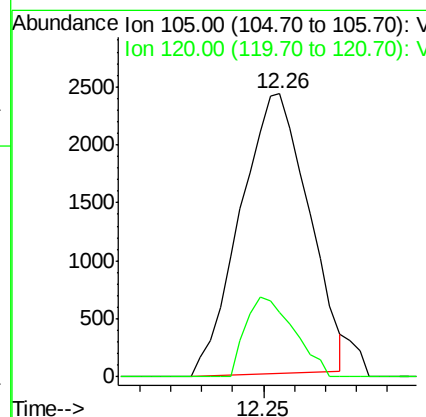
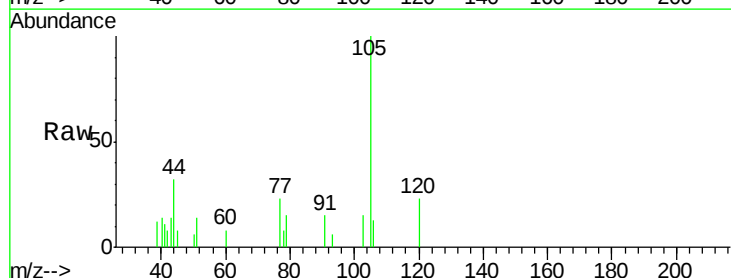
RT: 12.26 min Scan# 3260

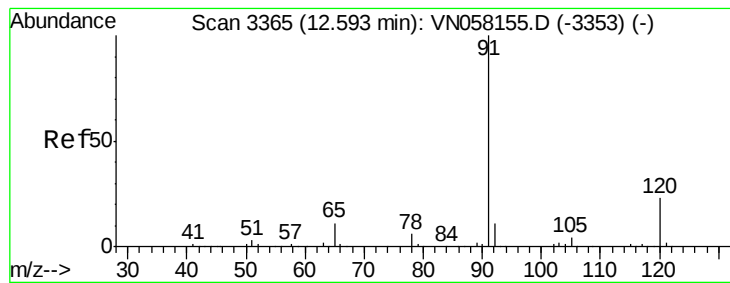
Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Tgt Ion:	105	Resp:	3709
Ion Ratio	Lower	Upper	
105	100		
120	20.2	12.8	38.3





#78

n-propylbenzene

Concen: 0.764 ug/l m

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampled :

EO-01-091919

Tot Ion: 91 Resp: 15152

Ion Ratio Lower Upper

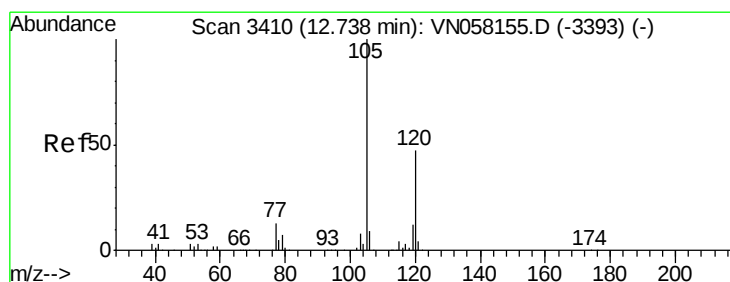
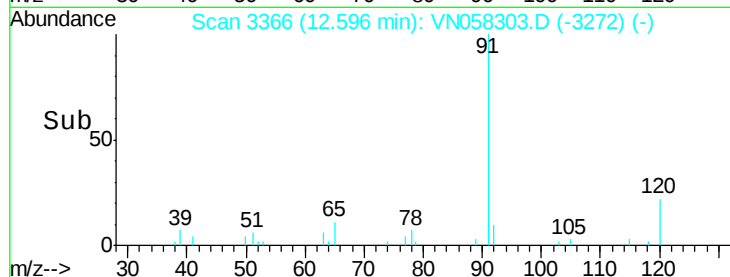
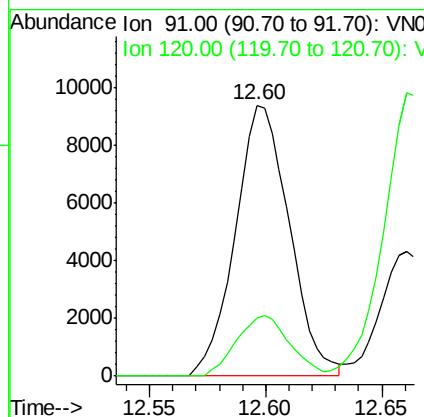
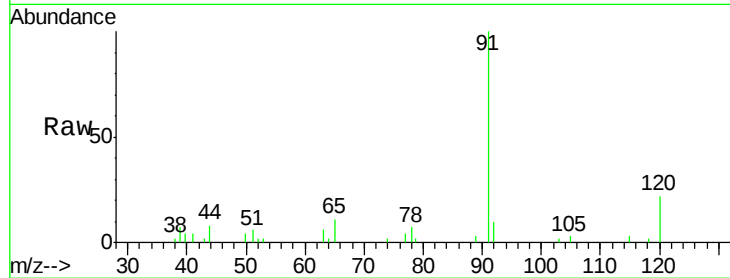
91 100

120 22.0 11.1 33.3

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#80

1,3,5-Trimethylbenzene

Concen: 2.849 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058303.D

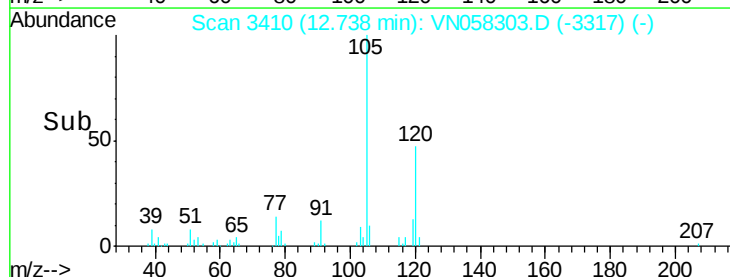
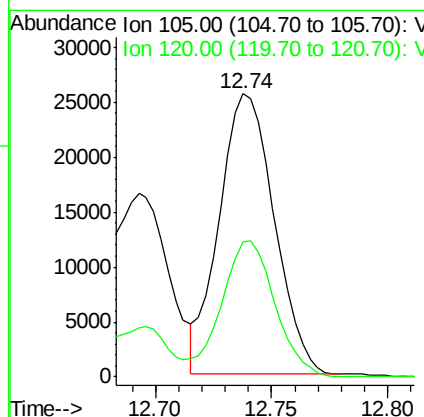
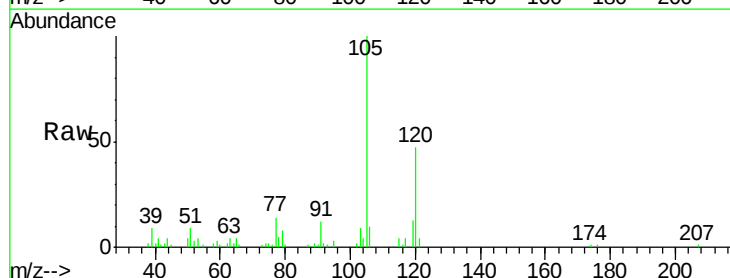
Acq: 23 Sep 2019 19:12

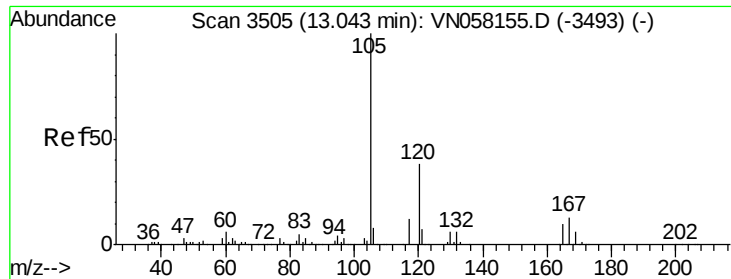
Tgt Ion: 105 Resp: 42061

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.0





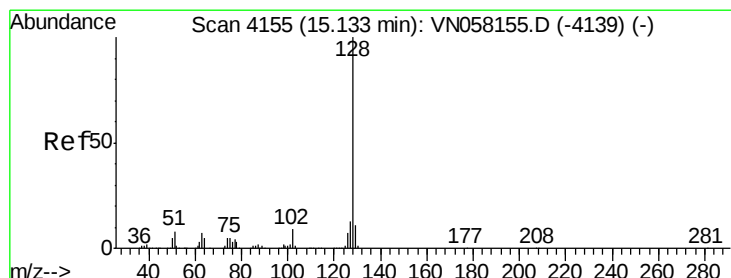
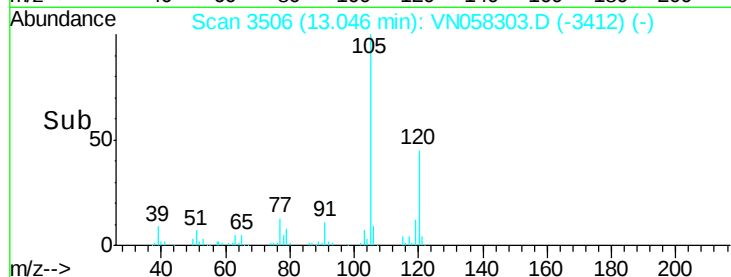
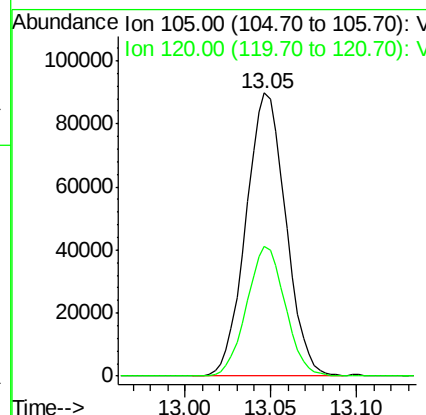
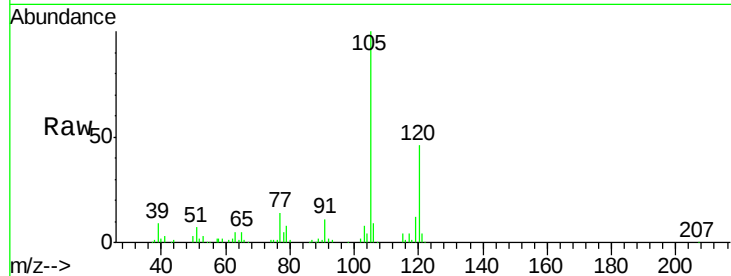
#84
 1,2,4-Trimethylbenzene
 Concen: 9.802 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058303.D
 Acq: 23 Sep 2019 19:12

Instrument :
 MSVOA_N
 ClientSampled :
 EO-01-091919

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5

Manual Integrations
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 9/25/2019 12:49:32 AM



#95
 Naphthalene
 Concen: 3.983 ug/l m
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN058303.D
 Acq: 23 Sep 2019 19:12

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.0	8.6	12.8

