

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054314.D
 Acq On : 15 Mar 2019 17:20
 Operator : JC/SP
 Sample : K1899-02 DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2ADL

Manual Integrations
 APPROVED

MMDadoda
 3/16/2019 11:09:13 AM

Quant Time: Mar 16 04:08:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1325795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2226069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2404288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1178785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	700452	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	7.59	113	676990	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	10.09	98	2790509	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.40	95	1135516	61.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.40%	
Target Compounds						
52) Toluene	10.16	92	29205	0.785	ug/l	100
67) Ethyl Benzene	11.51	91	253406	2.896	ug/l	98
68) m/p-Xylenes	11.62	106	129691	3.792	ug/l	99
69) o-Xylene	11.95	106	99387	2.981	ug/l	98
73) Isopropylbenzene	12.25	105	116152	1.232	ug/l	99
78) n-propylbenzene	12.59	91	59649	0.583	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	356017	4.538	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	961712	12.496	ug/l	99
86) p-Isopropyltoluene	13.29	119	243493	2.964	ug/l	98
95) Naphthalene	15.13	128	15288556	278.656	ug/l	99

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

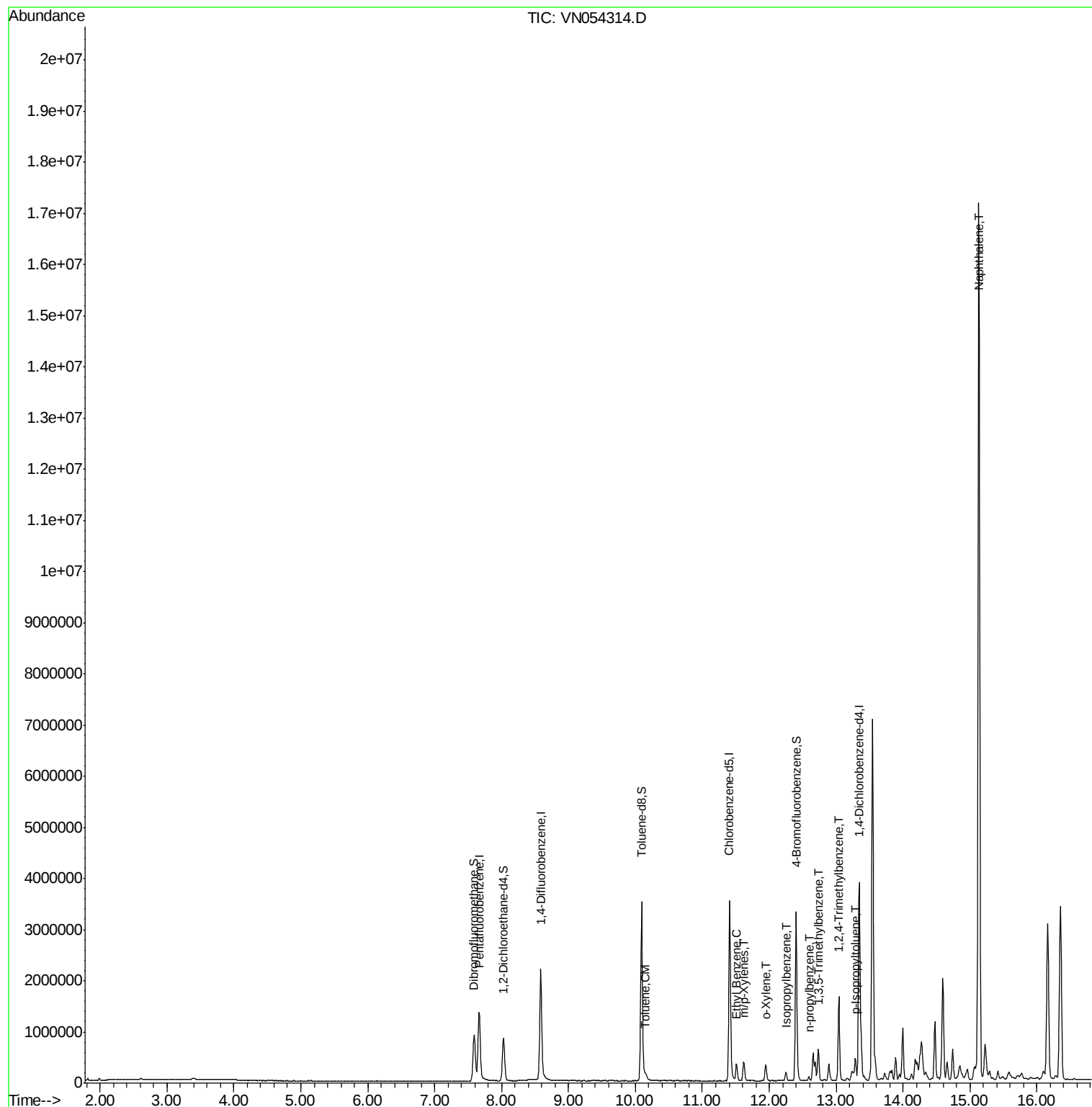
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
Data File : VN054314.D
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ALS Vial : 12 Sample Multiplier: 1

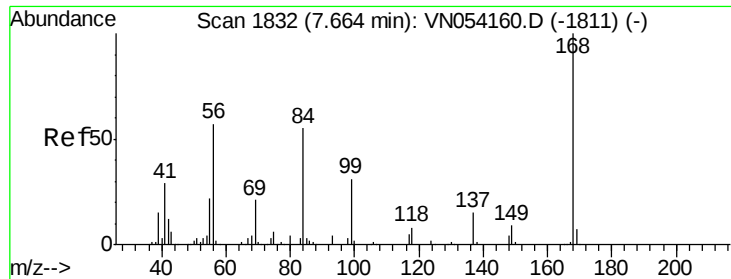
Instrument :
MSVOA_N
ClientSampleId :
MW-2ADL

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3/16/2019 11:09:13 AM

Quant Time: Mar 16 04:08:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054314.D

Acq: 15 Mar 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

MW-2ADL

Tgt Ion:168 Resp: 1325795

Ion Ratio Lower Upper

168 100

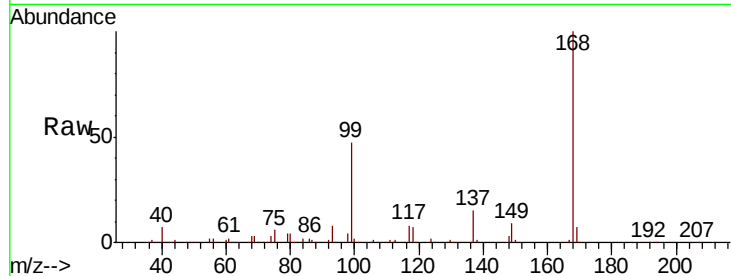
99 46.9 37.1 55.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

100000

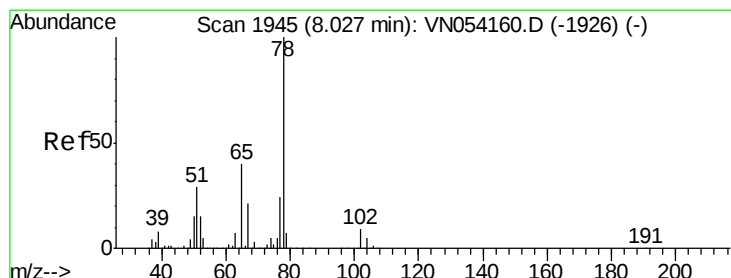
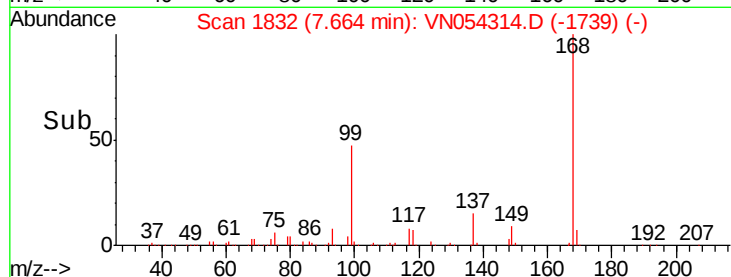
0

7.66

7.70

7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.748 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054314.D

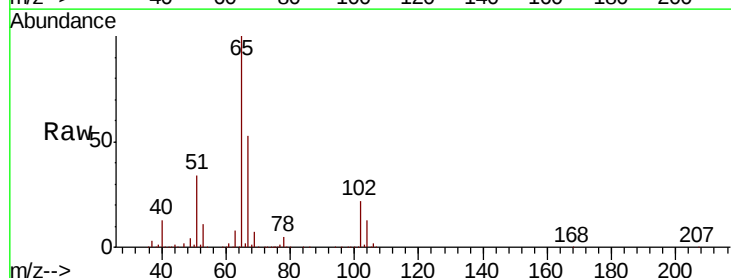
Acq: 15 Mar 2019 17:20

Tgt Ion: 65 Resp: 700452

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

300000

200000

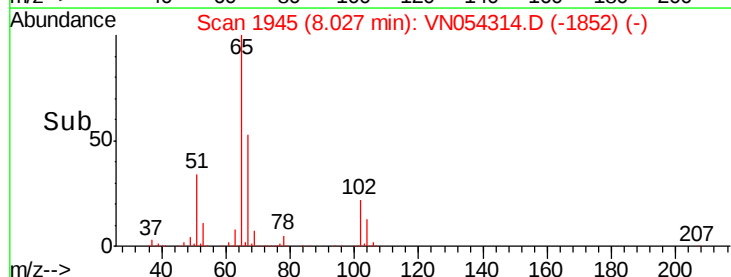
100000

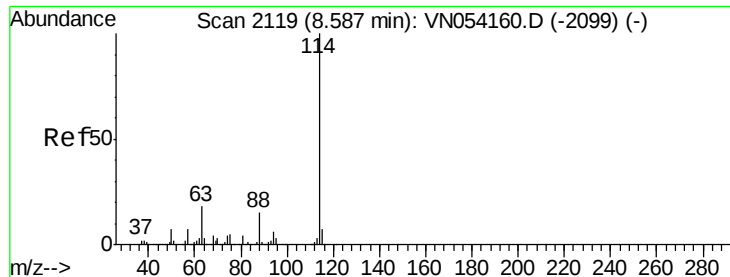
0

8.03

8.10

Time-->





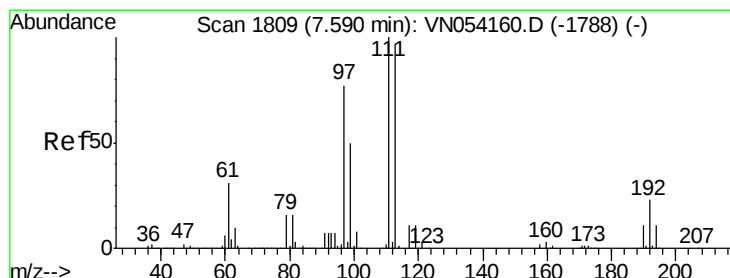
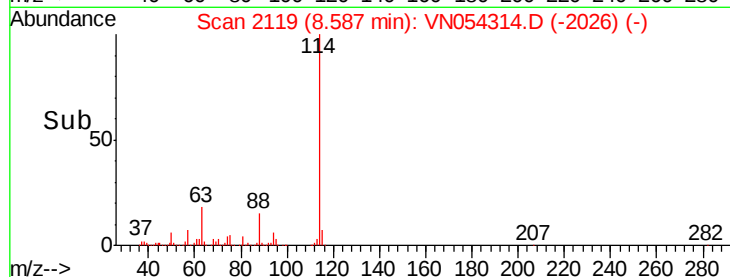
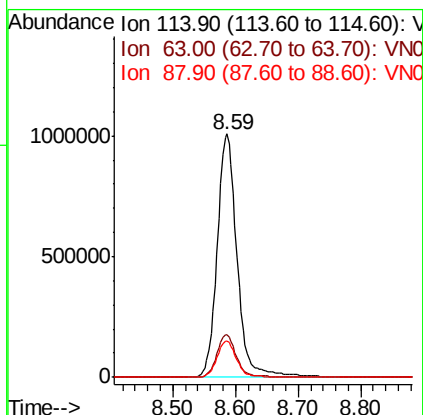
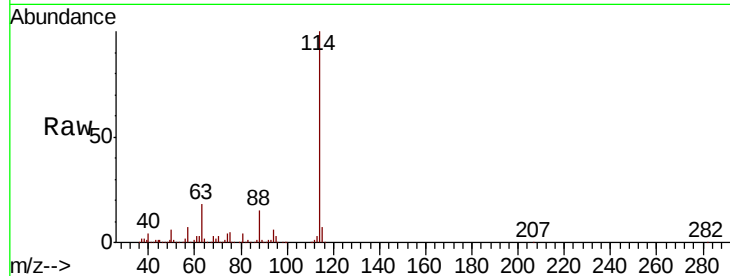
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 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054314.D
 Acq: 15 Mar 2019 17:20

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2ADL

Tgt Ion:114 Resp: 2226069
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.9 0.0 30.2

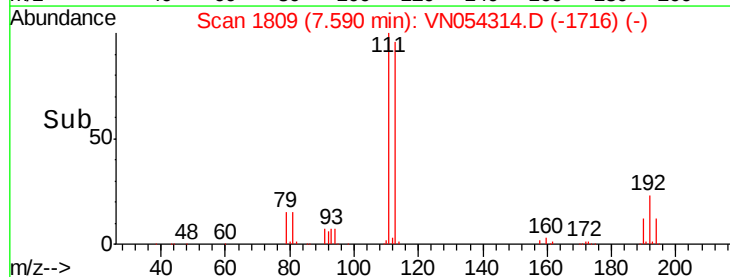
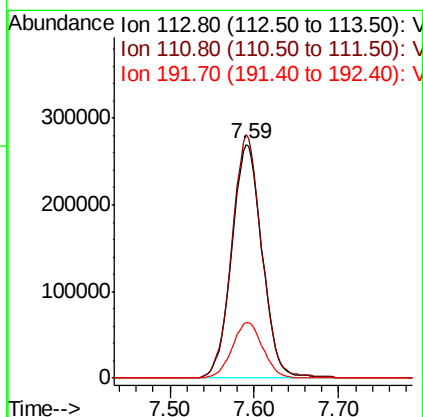
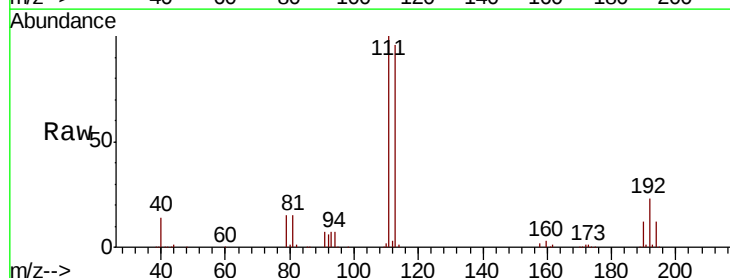
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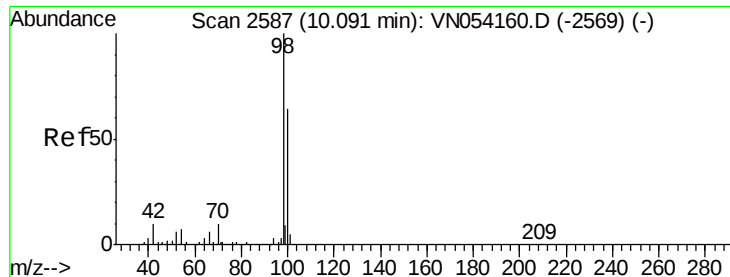
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#35
 Dibromofluoromethane
 Concen: 47.153 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054314.D
 Acq: 15 Mar 2019 17:20

Tgt Ion:113 Resp: 676990
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 24.1 19.2 28.8





#50

Toluene-d8

Concen: 52.628 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054314.D

Acq: 15 Mar 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

MW-2ADL

Tgt Ion: 98 Resp: 2790509

Ion Ratio Lower Upper

98 100

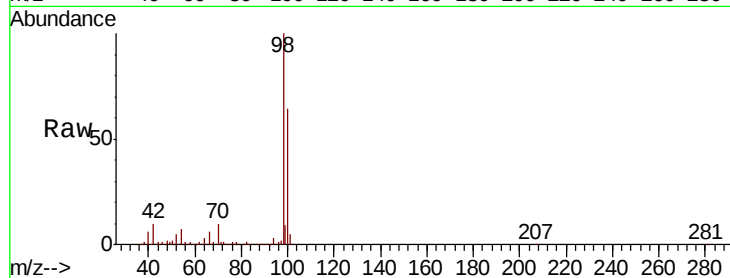
100 64.3 51.2 76.8

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

1000000

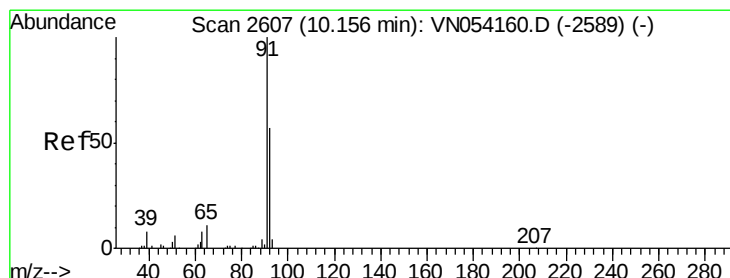
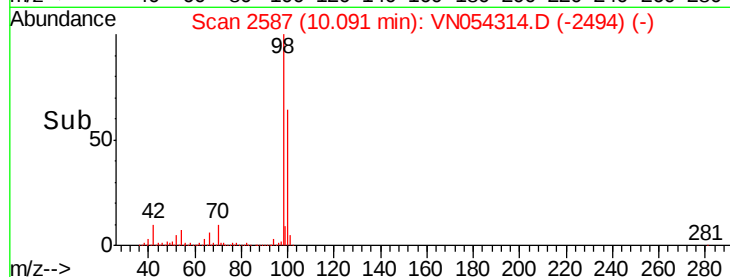
500000

0

10.09

10.20

Time-->



#52

Toluene

Concen: 0.785 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054314.D

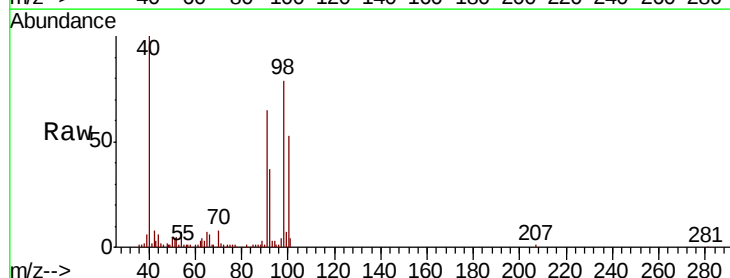
Acq: 15 Mar 2019 17:20

Tgt Ion: 92 Resp: 29205

Ion Ratio Lower Upper

92 100

91 176.5 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

30000

25000

20000

15000

10000

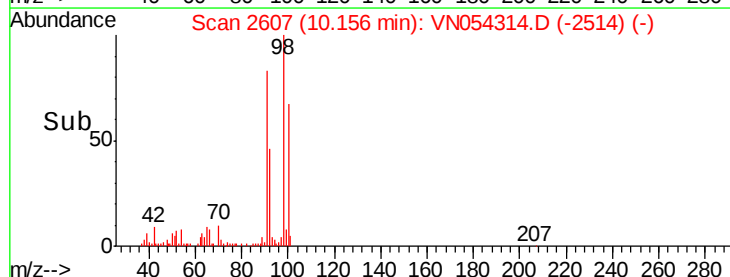
5000

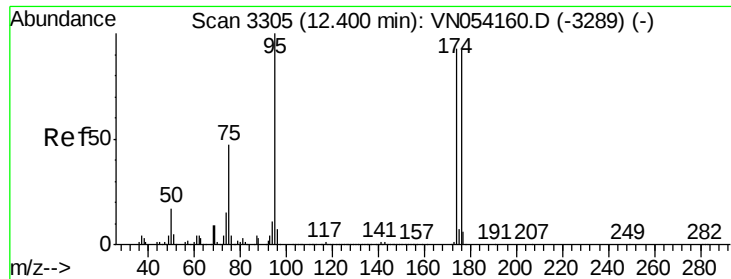
0

10.16

10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 61.204 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054314.D

Acq: 15 Mar 2019 17:20

Instrument :

MSVOA_N

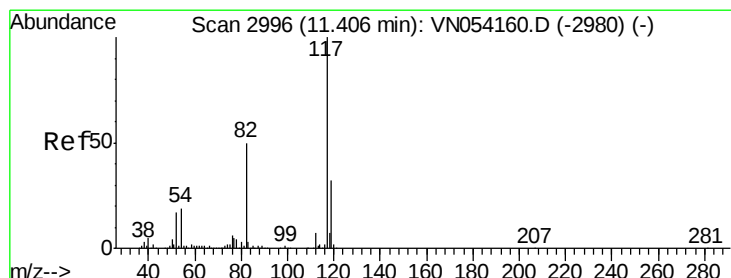
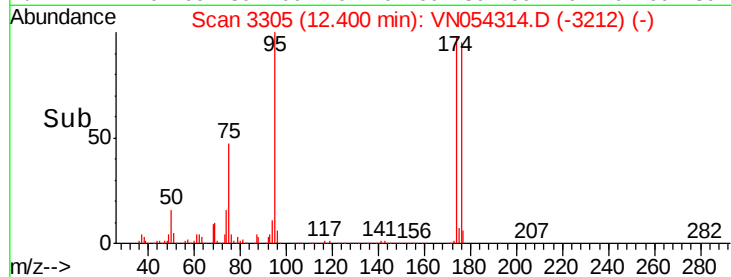
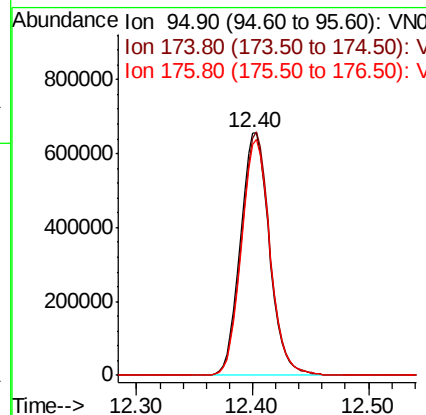
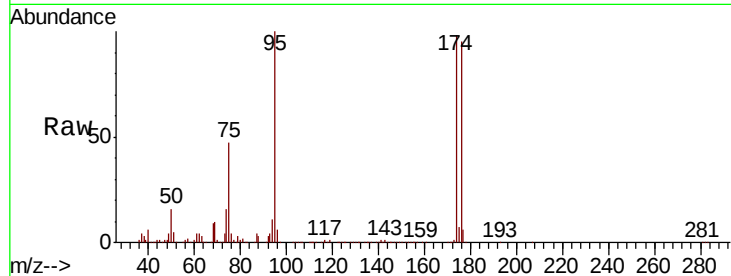
ClientSampleId :

MW-2ADL

Tgt Ion:	95	Resp:	1135516
Ion	Ratio	Lower	Upper
95	100		
174	98.8	0.0	191.0
176	96.0	0.0	187.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

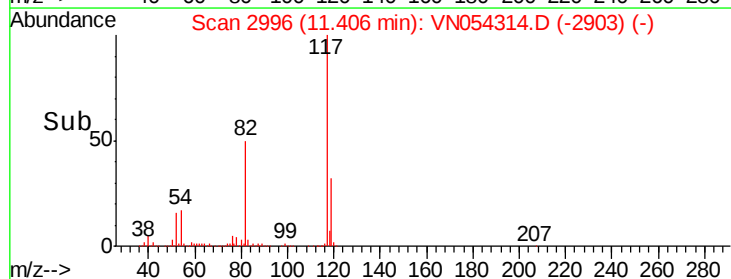
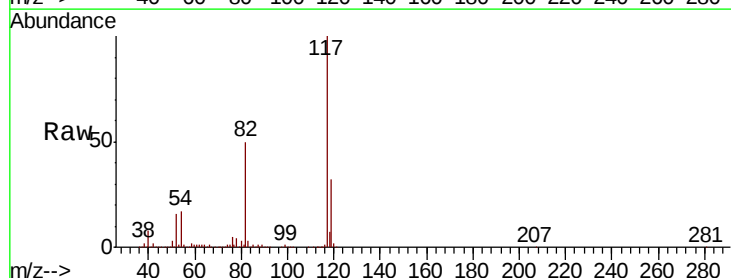
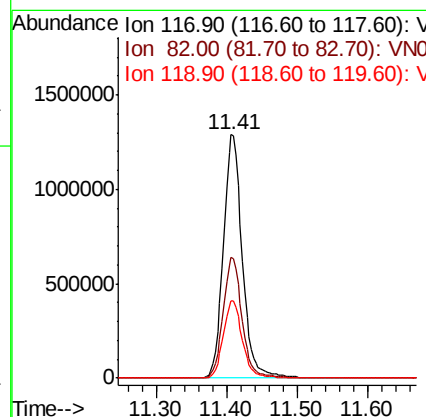
RT: 11.41 min Scan# 2996

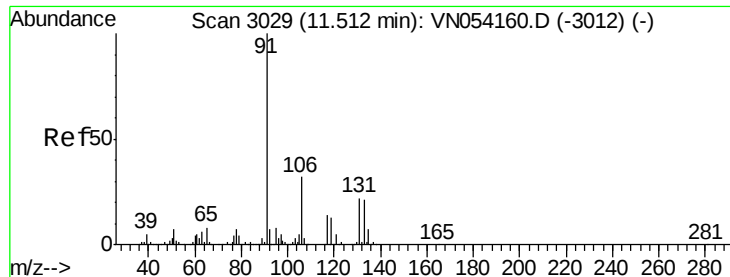
Delta R.T. -0.00 min

Lab File: VN054314.D

Acq: 15 Mar 2019 17:20

Tgt Ion:	117	Resp:	2404288
Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.0	60.0
119	31.7	25.8	38.6





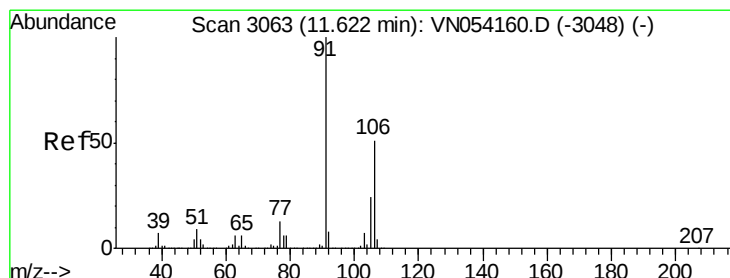
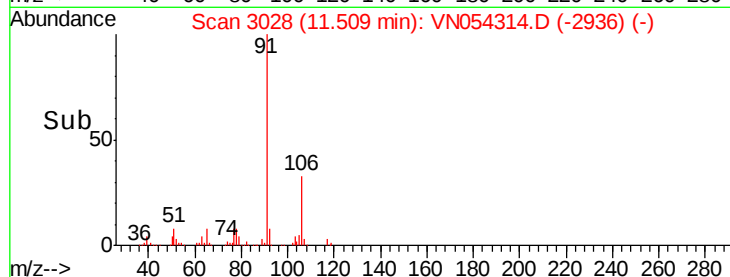
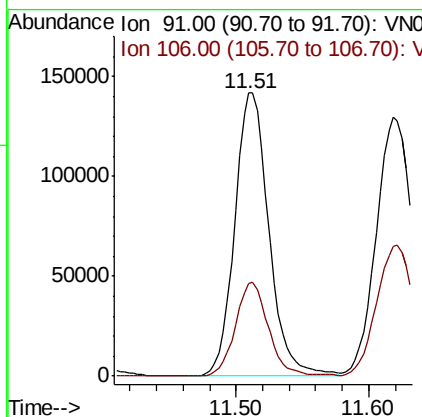
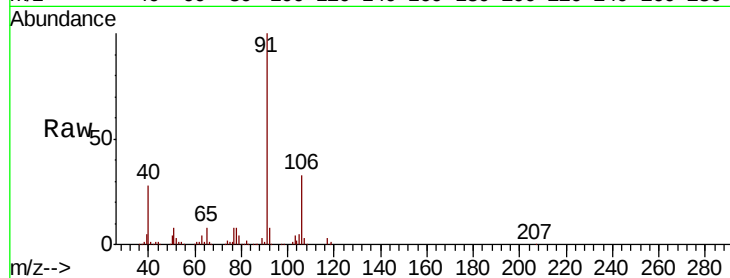
#67
Ethyl Benzene
Concen: 2.896 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054314.D
Acq: 15 Mar 2019 17:20

Instrument :
MSVOA_N
ClientSampleId :
MW-2ADL

Tgt Ion: 91 Resp: 253406
Ion Ratio Lower Upper
91 100
106 32.7 25.5 38.3

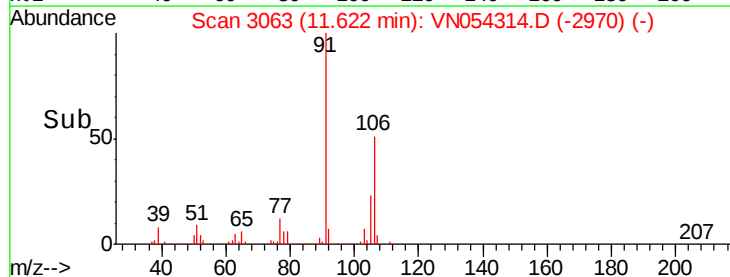
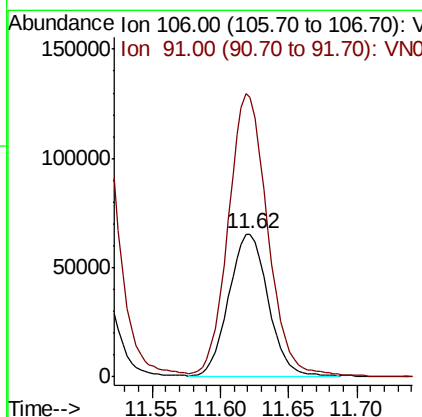
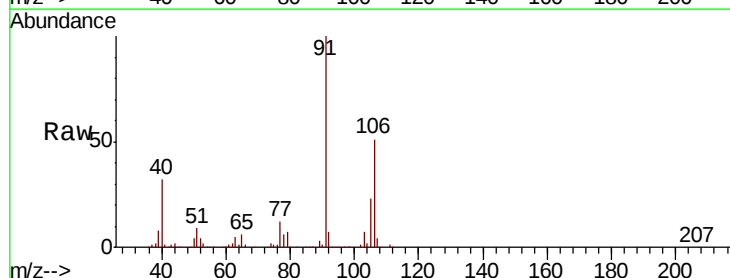
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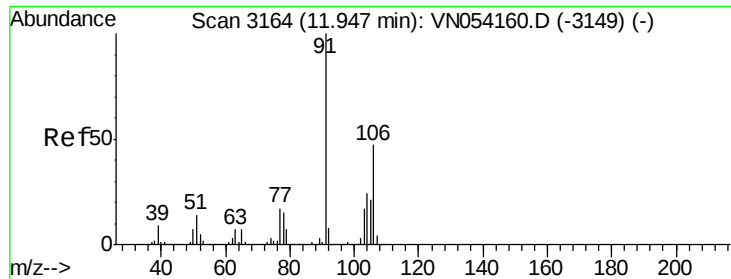
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#68
m/p-Xylenes
Concen: 3.792 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054314.D
Acq: 15 Mar 2019 17:20

Tgt Ion: 106 Resp: 129691
Ion Ratio Lower Upper
106 100
91 197.2 159.4 239.2





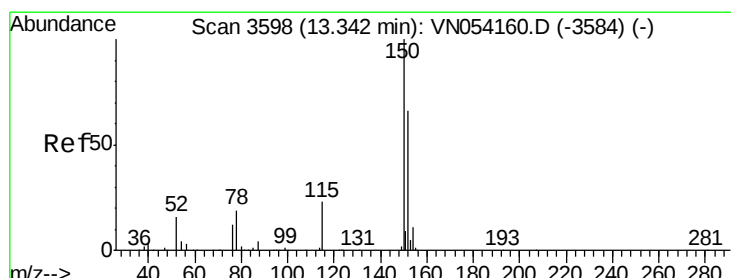
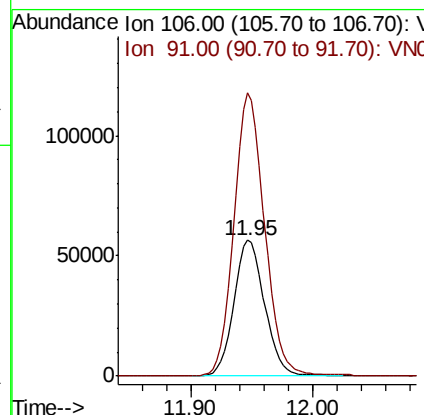
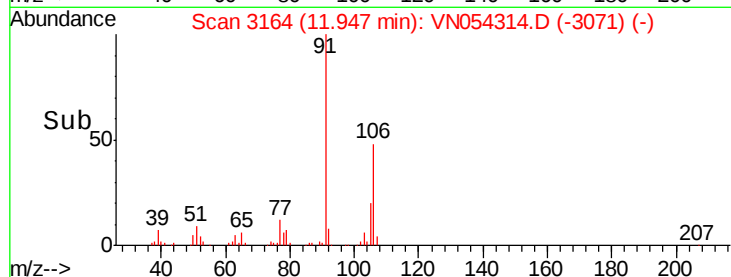
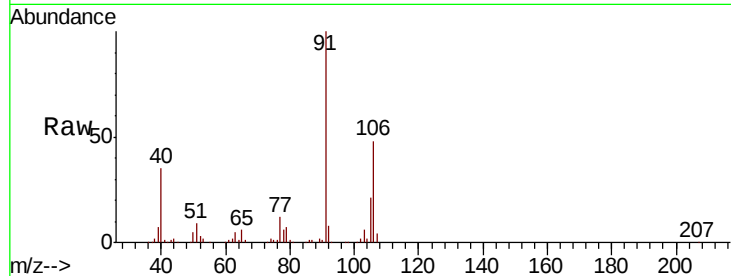
#69
o-Xylene
Concen: 2.981 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054314.D
Acq: 15 Mar 2019 17:20

Instrument :
MSVOA_N
ClientSampled :
MW-2ADL

Tgt Ion:106 Resp: 99387
Ion Ratio Lower Upper
106 100
91 208.0 105.7 317.1

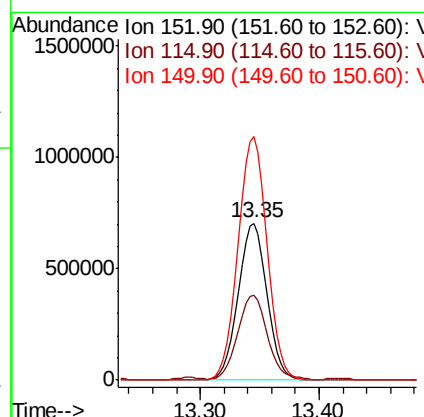
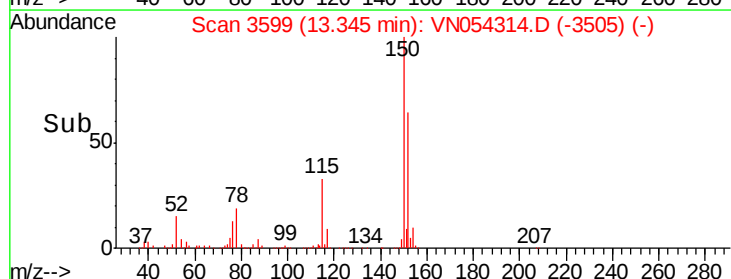
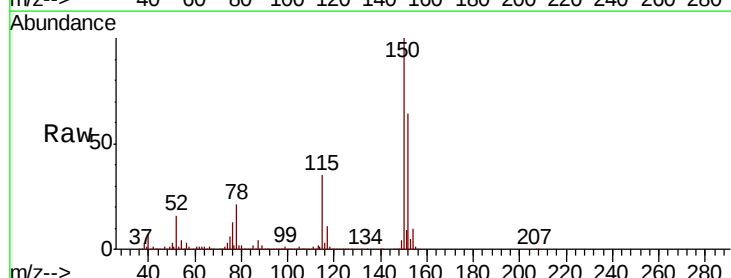
Manual Integrations
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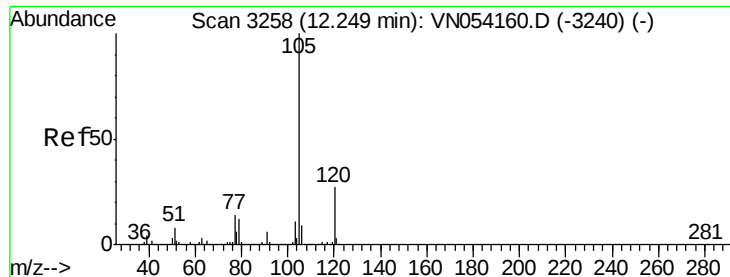
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054314.D
Acq: 15 Mar 2019 17:20

Tgt Ion:152 Resp: 1178785
Ion Ratio Lower Upper
152 100
115 55.1 27.2 81.6
150 156.9 0.0 349.2





#73

Isopropylbenzene

Concen: 1.232 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054314.D

Acq: 15 Mar 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

MW-2ADL

Tgt Ion: 105 Resp: 116152

Ion Ratio Lower Upper

105 100

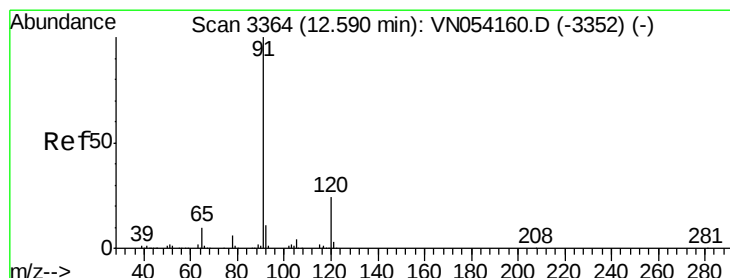
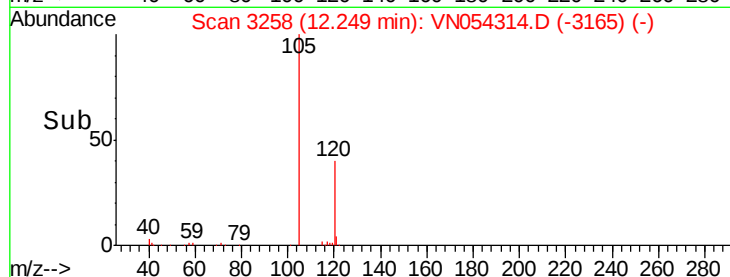
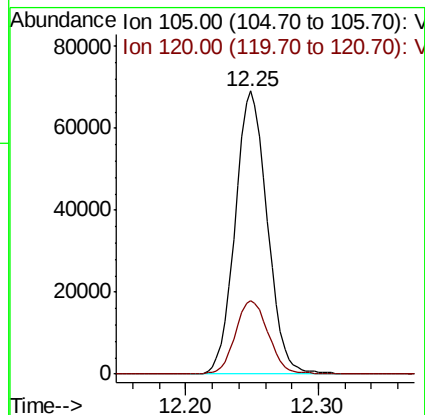
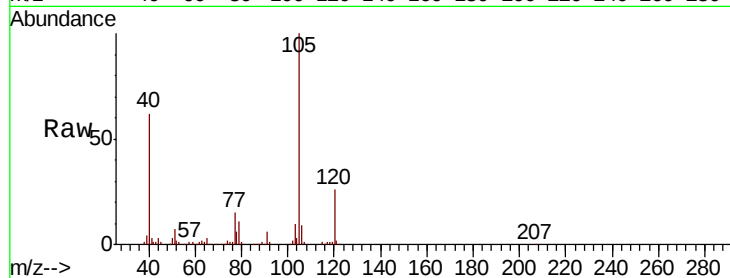
120 26.8 13.8 41.3

Manual Integrations

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3/16/2019 11:09:13 AM



#78

n-propylbenzene

Concen: 0.583 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054314.D

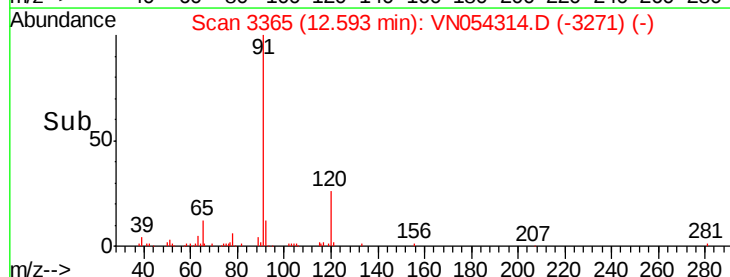
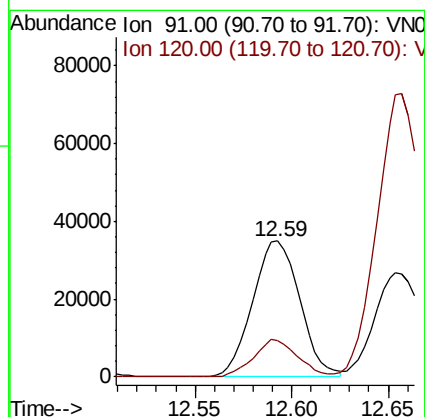
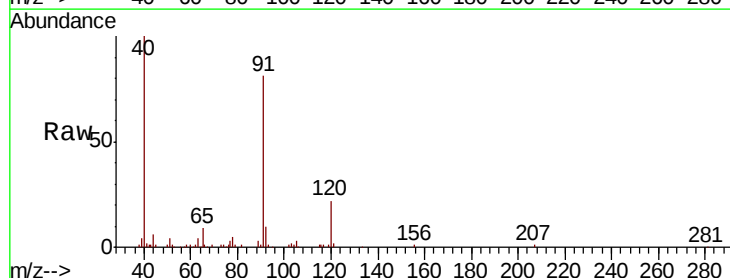
Acq: 15 Mar 2019 17:20

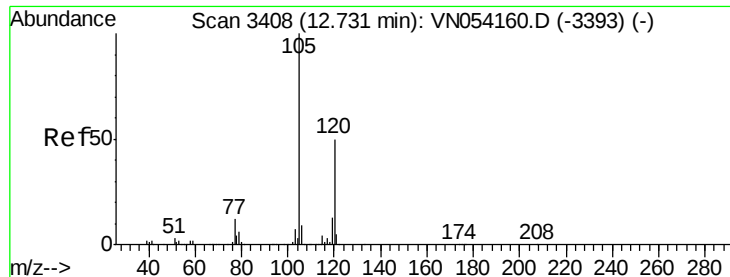
Tgt Ion: 91 Resp: 59649

Ion Ratio Lower Upper

91 100

120 25.4 12.3 36.9





#80

1,3,5-Trimethylbenzene

Concen: 4.538 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054314.D

Acq: 15 Mar 2019 17:20

Instrument :

MSVOA_N

ClientSampled :

MW-2ADL

Tgt Ion:105 Resp: 356017

Ion Ratio Lower Upper

105 100

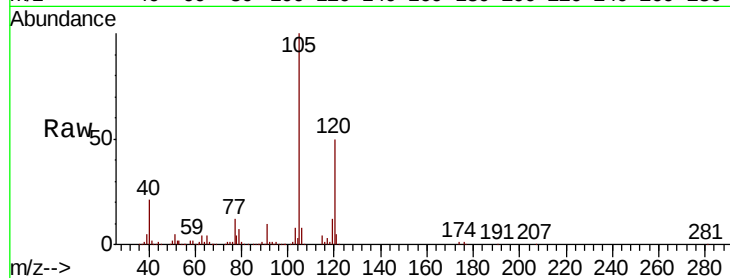
120 49.8 25.0 75.0

Manual Integrations

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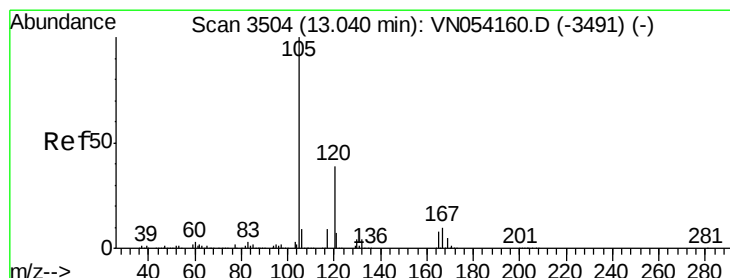
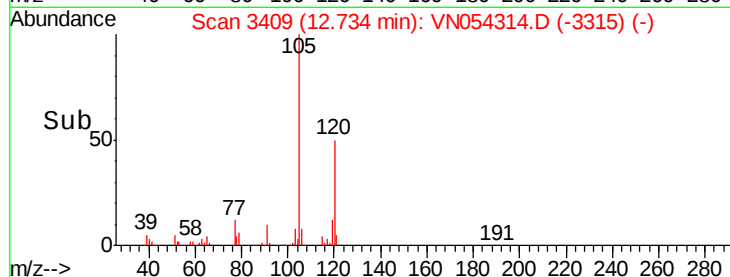
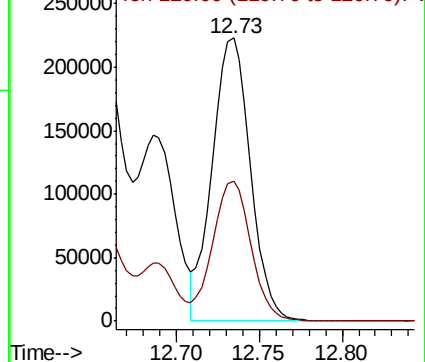
MMDadoda

3/16/2019 11:09:13 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 12.496 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054314.D

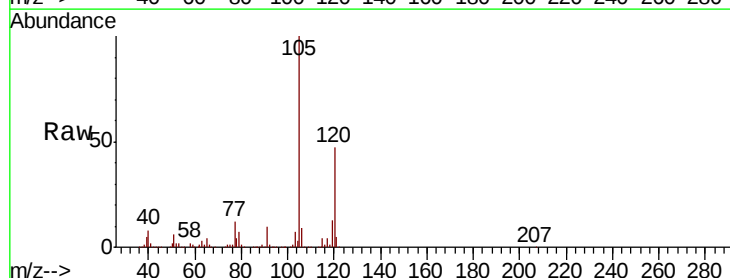
Acq: 15 Mar 2019 17:20

Tgt Ion:105 Resp: 961712

Ion Ratio Lower Upper

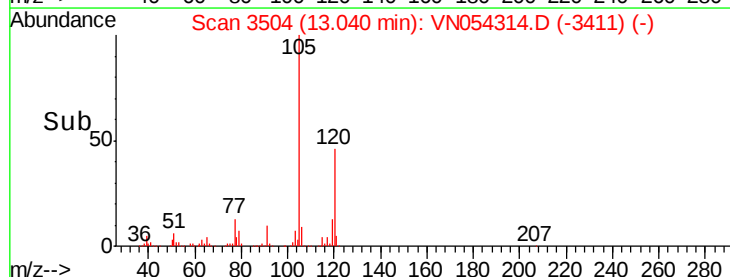
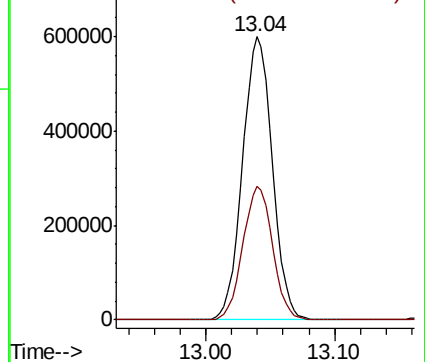
105 100

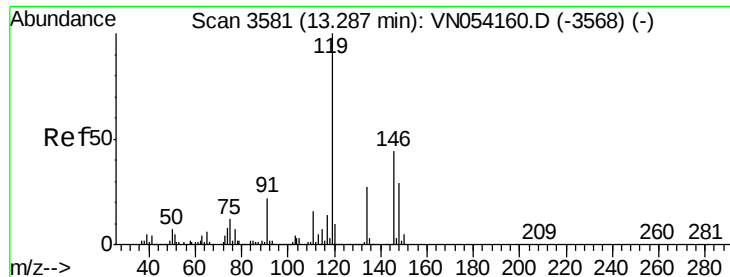
120 47.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





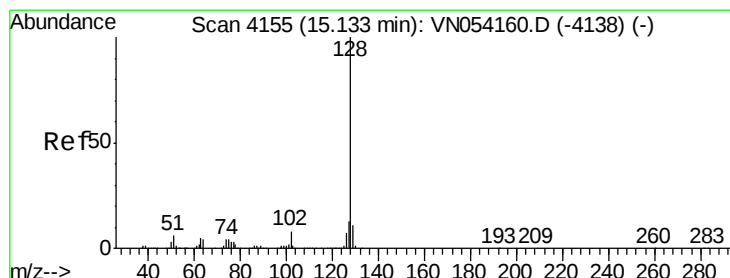
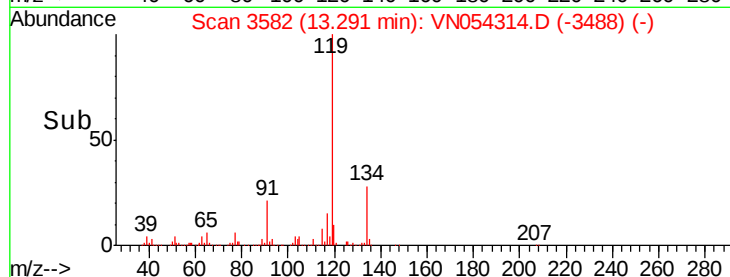
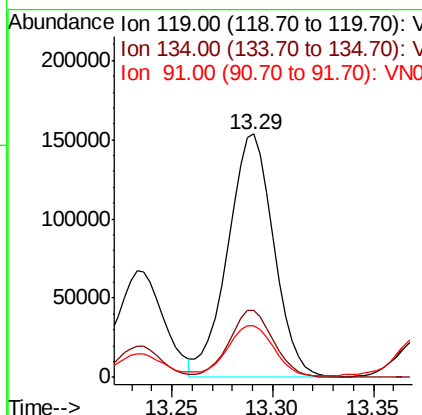
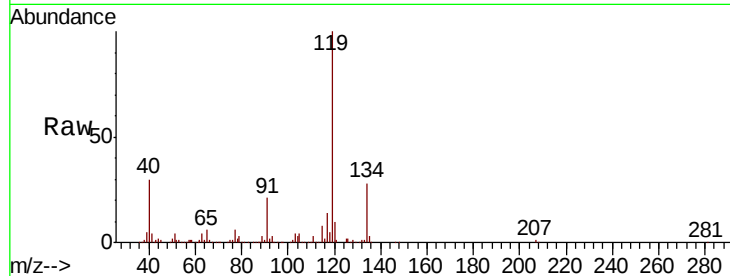
#86
p-Isopropyltoluene
Concen: 2.964 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN054314.D
Acq: 15 Mar 2019 17:20

Instrument :
MSVOA_N
ClientSampleId :
MW-2ADL

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.6	40.8
91	21.0	11.1	33.3

Manual Integrations
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3/16/2019 11:09:13 AM



#95
Naphthalene
Concen: 278.656 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN054314.D
Acq: 15 Mar 2019 17:20

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.0	8.7	13.1

