

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052039.D
 Acq On : 26 Oct 2018 20:07
 Operator : MD\SY
 Sample : J5665-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 DL-06B

Manual Integrations
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 10/29/2018 3:46:44 PM

Quant Time: Oct 27 01:00:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1188897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1707714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1691814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1123184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	594706	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
35) Dibromofluoromethane	7.59	113	625060	57.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.72%	
50) Toluene-d8	10.09	98	2407971	61.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.30%	
62) 4-Bromofluorobenzene	12.40	95	911093	67.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.62%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	19677	11.279	ug/l #	85
20) Methylene Chloride	4.55	84	20981	2.050	ug/l	97
25) 2-Butanone	6.85	43	6781	2.727	ug/l #	87
39) Methylcyclohexane	9.08	83	106912	6.682	ug/l	98
43) Isopropyl Acetate	8.17	43	294196	26.817	ug/l	98
52) Toluene	10.16	92	48732	1.848	ug/l	97
67) Ethyl Benzene	11.50	91	20811952m	379.042	ug/l	
68) m/p-Xylenes	11.60	106	24794485m	1130.229	ug/l	
69) o-Xylene	11.95	106	5237658	245.492	ug/l	99
73) Isopropylbenzene	12.25	105	2958943	41.539	ug/l	99
78) n-propylbenzene	12.59	91	6379092	83.016	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	11586444	202.739	ug/l	100
83) tert-Butylbenzene	12.99	119	68292m	1.263	ug/l	
84) 1,2,4-Trimethylbenzene	13.03	105	21786916m	369.582	ug/l	
85) sec-Butylbenzene	13.17	105	522233	7.397	ug/l #	68
86) p-Isopropyltoluene	13.29	119	809762	12.740	ug/l	99
89) n-Butylbenzene	13.61	91	1340774m	26.493	ug/l	
95) Naphthalene	15.12	128	24476254m	543.948	ug/l	

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

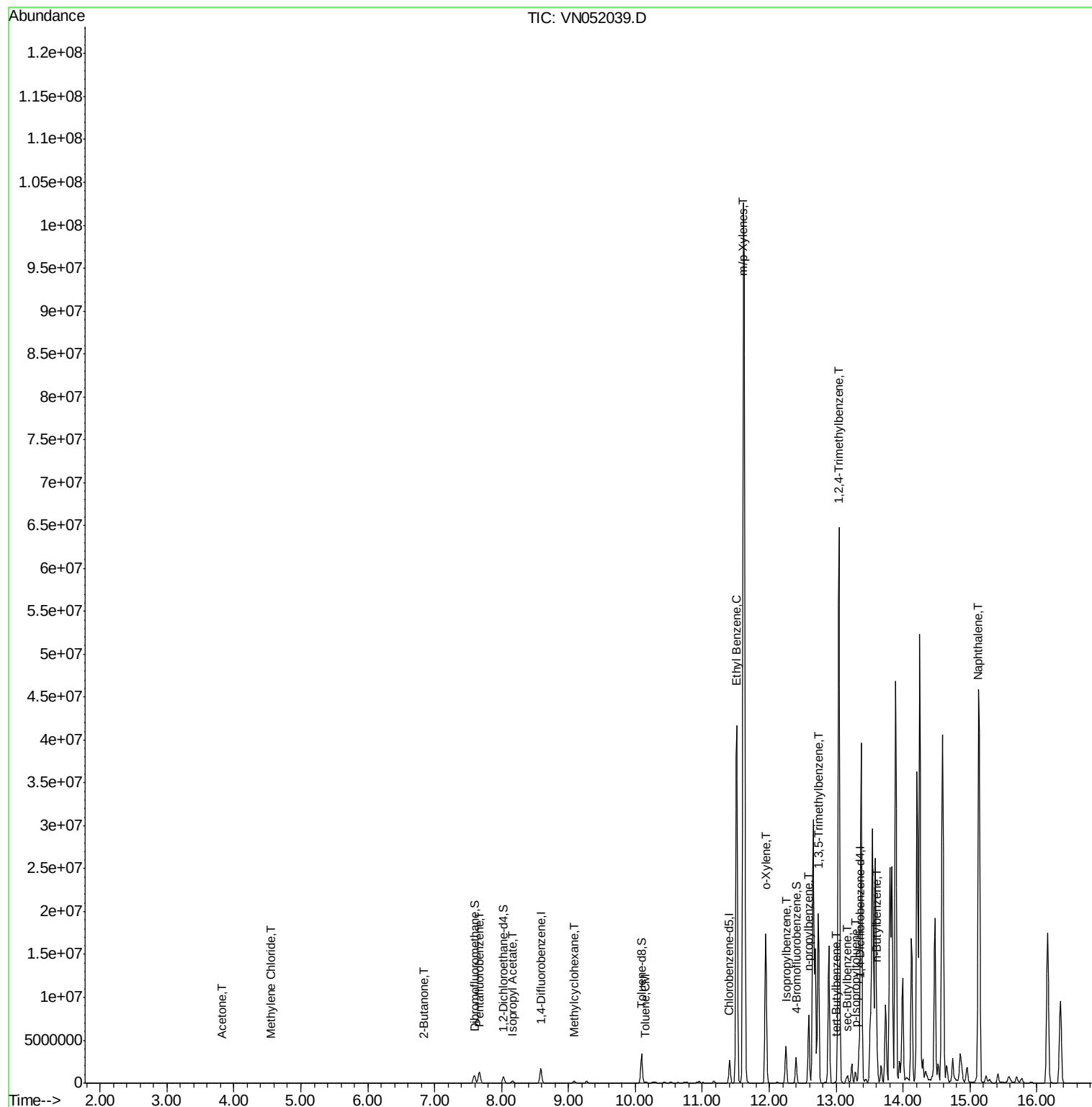
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102618\
Data File : VN052039.D
Acq On : 26 Oct 2018 20:07
Operator : MD\SY
Sample : J5665-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 28

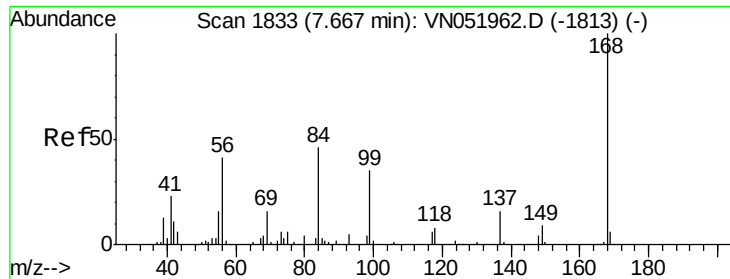
Instrument :
MSVOA_N
ClientSampleId :
DL-06B

Quant Time: Oct 27 01:00:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 2018
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

Instrument :

MSVOA_N

ClientSampleID :

DL-06B

Tot Ion:168 Resp: 1188897

Ion Ratio Lower Upper

168 100

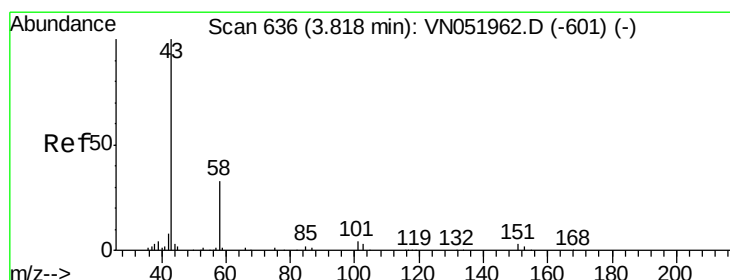
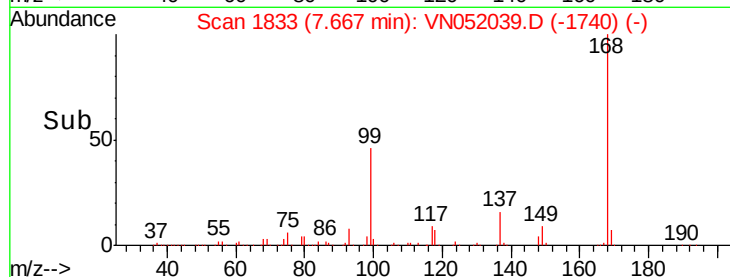
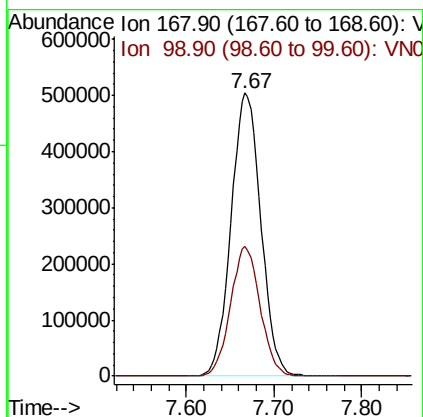
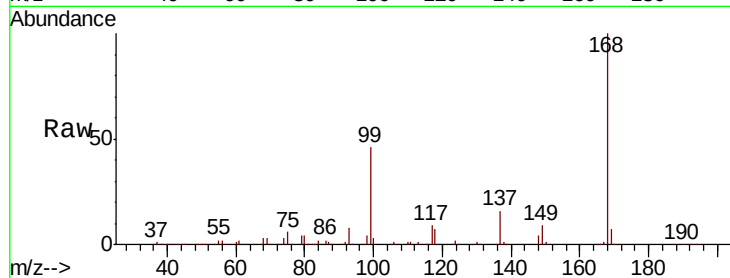
99 45.8 37.8 56.6

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#16

Acetone

Concen: 11.279 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052039.D

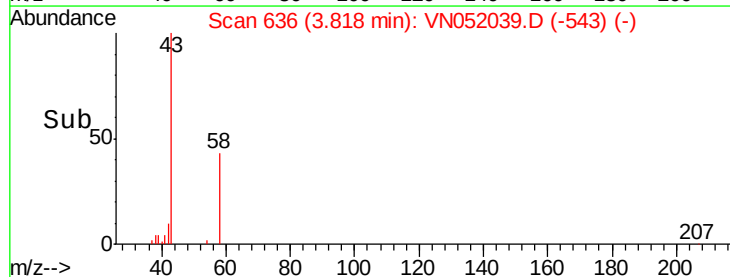
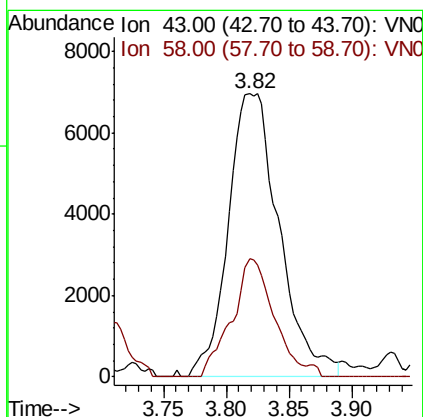
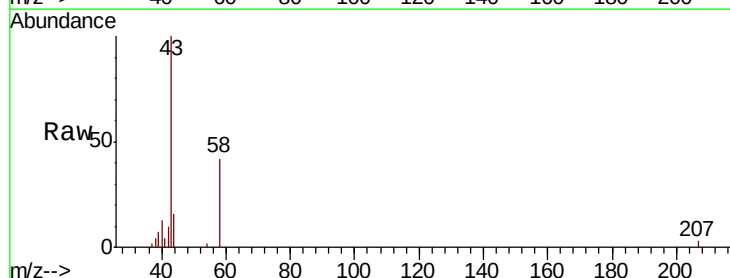
Acq: 26 Oct 2018 20:07

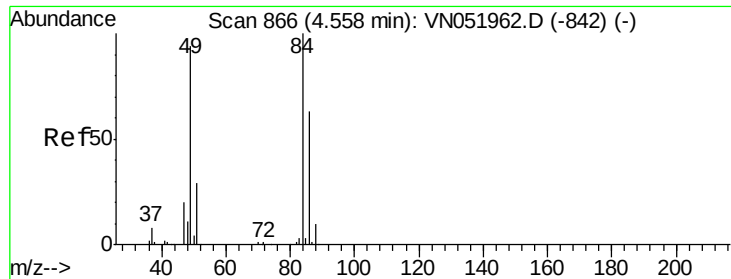
Tgt Ion: 43 Resp: 19677

Ion Ratio Lower Upper

43 100

58 41.9 26.7 40.1#





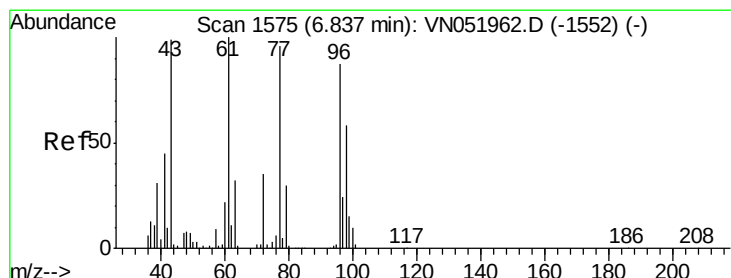
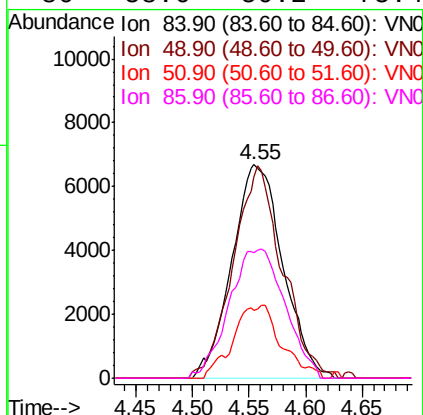
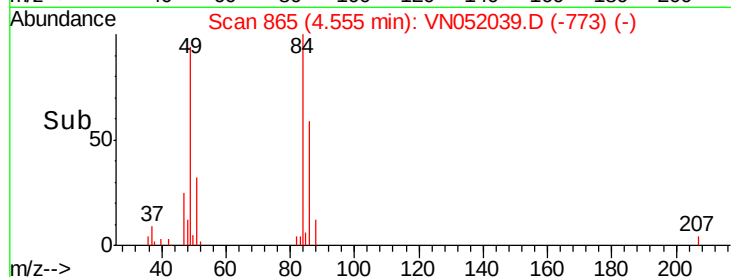
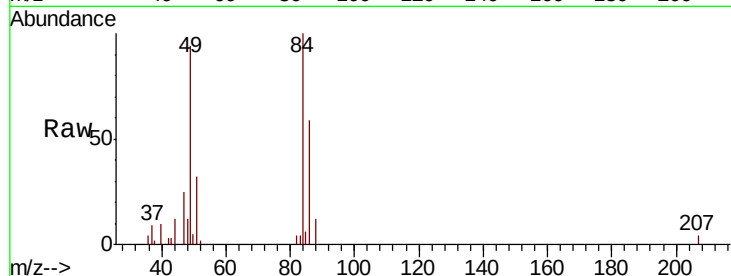
#20
Methvlene Chloride
Concen: 2.050 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052039.D
Acq: 26 Oct 2018 20:07

Instrument :
MSVOA_N
ClientSampled :
DL-06B

Tot Ion	84	Resp	20981
Ion Ratio	Lower	Upper	
84	100		
49	94.4	75.4	113.0
51	32.0	23.1	34.7
86	58.6	50.2	75.4

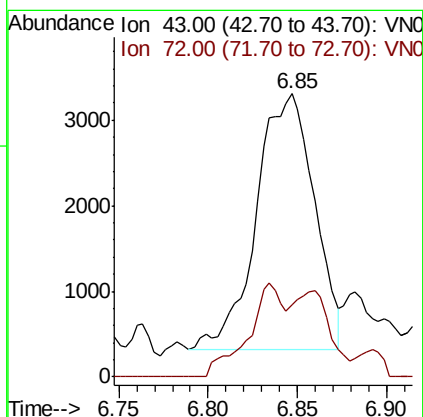
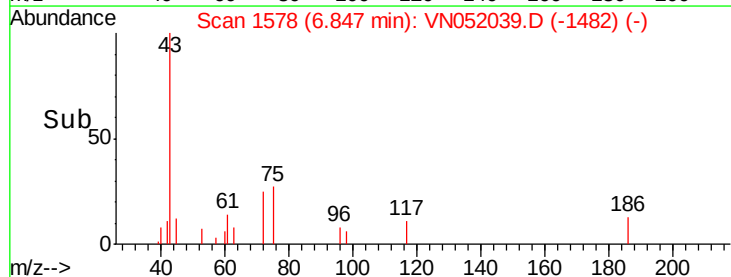
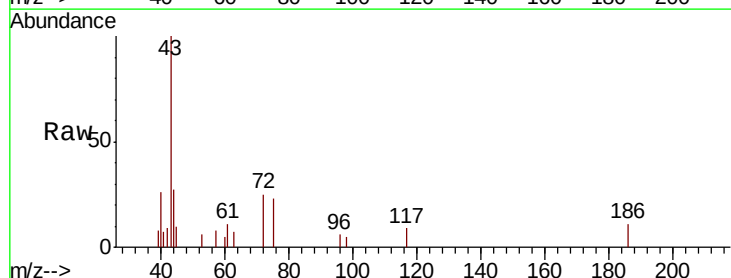
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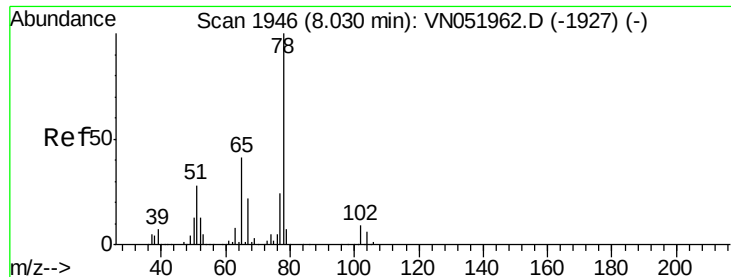
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#25
2-Butanone
Concen: 2.727 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN052039.D
Acq: 26 Oct 2018 20:07

Tgt Ion	43	Resp	6781
Ion Ratio	Lower	Upper	
43	100		
72	28.2	28.5	42.7#





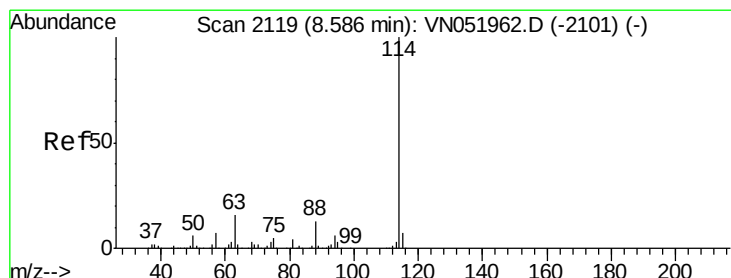
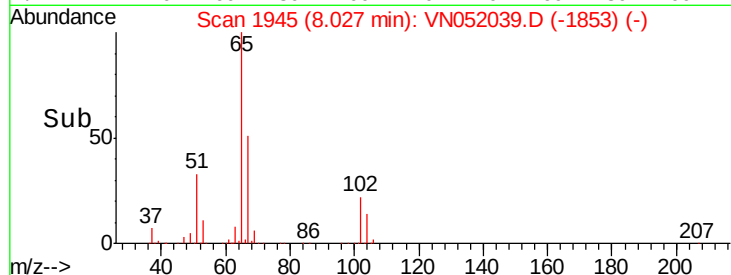
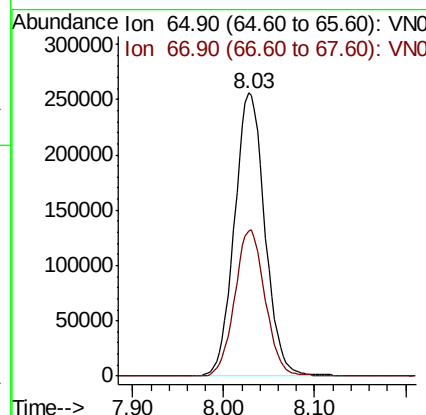
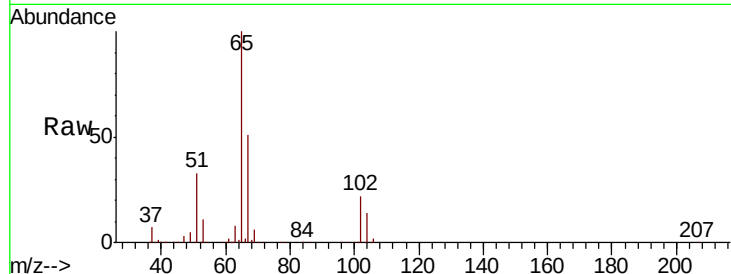
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052039.D
 Acq: 26 Oct 2018 20:07

Instrument :
 MSVOA_N
 ClientSampled :
 DL-06B

Tot Ion	Ratio	Resp	Lower	Upper
65	100	594706		
67	51.6	0.0	105.8	

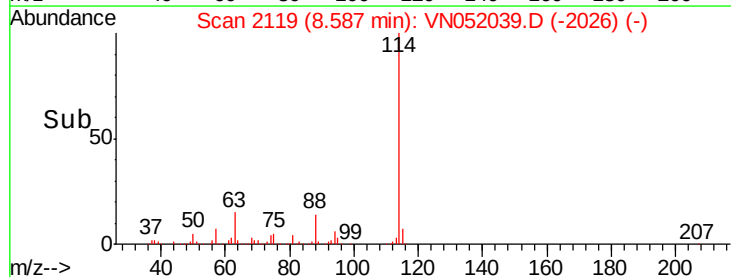
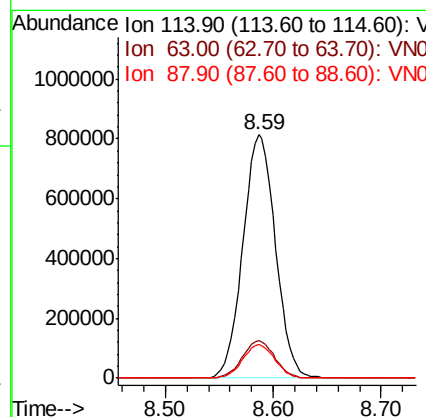
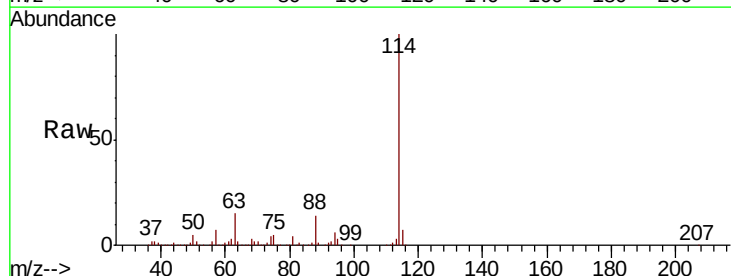
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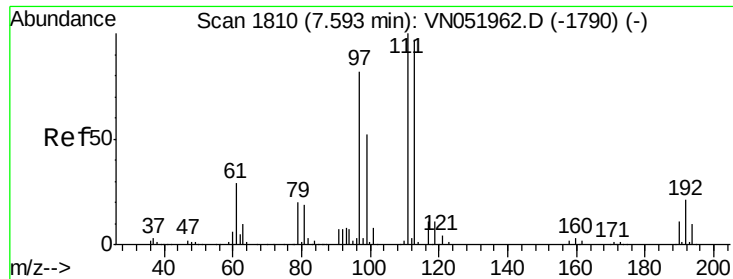
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052039.D
 Acq: 26 Oct 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1707714		
63	15.3	0.0	31.2	
88	13.9	0.0	27.0	





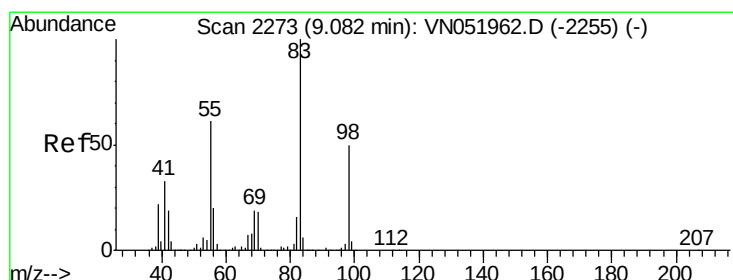
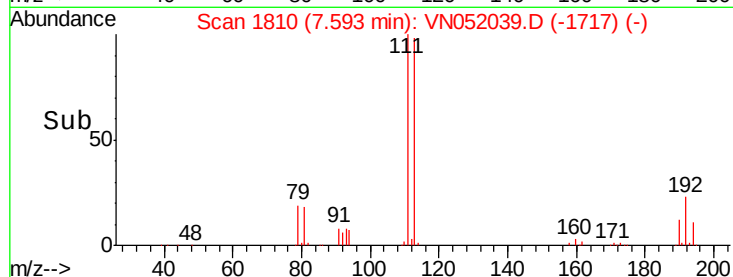
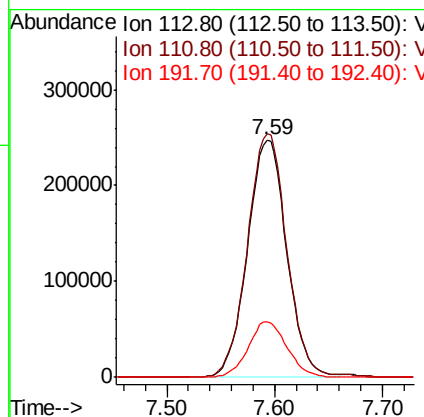
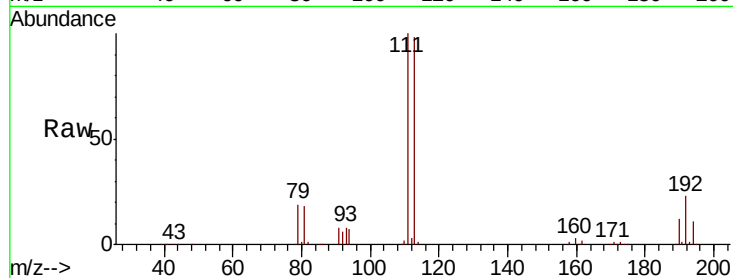
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052039.D
Acq: 26 Oct 2018 20:07

Instrument :
MSVOA_N
ClientSampleId :
DL-06B

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.7	121.1
192	23.1	17.2	25.8

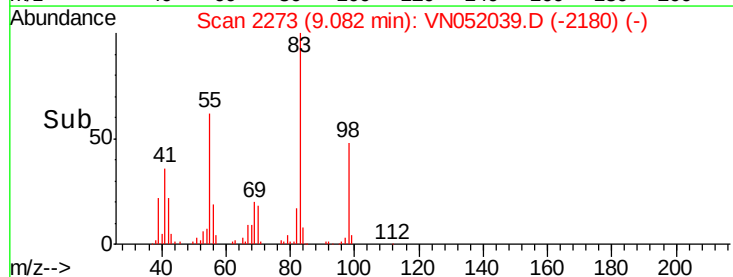
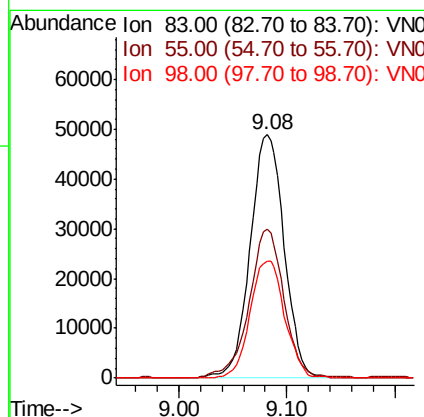
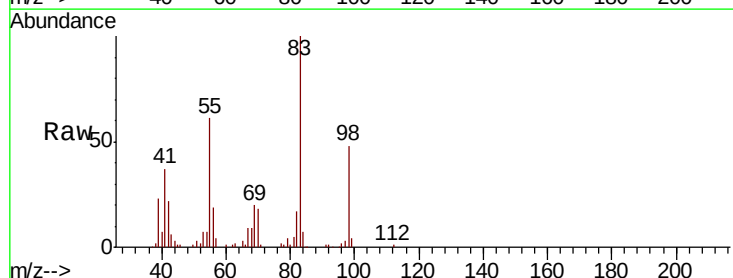
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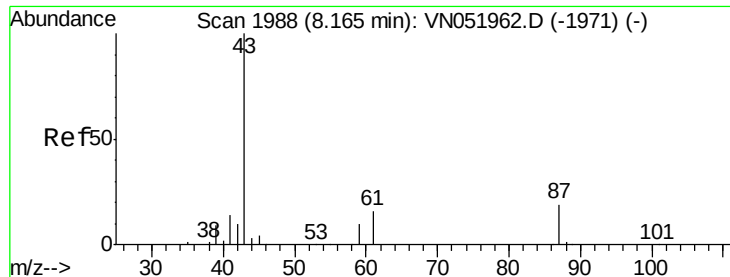
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#39
Methylcyclohexane
Concen: 6.682 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052039.D
Acq: 26 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
83	100		
55	61.4	48.9	73.3
98	47.8	40.2	60.2





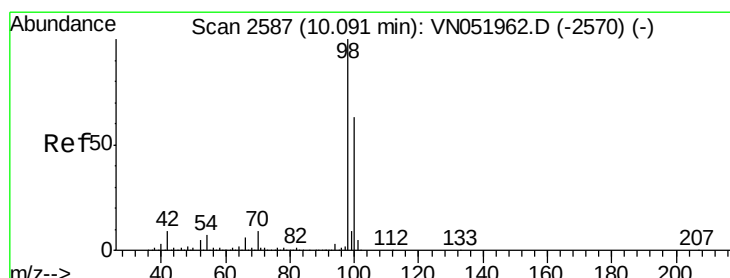
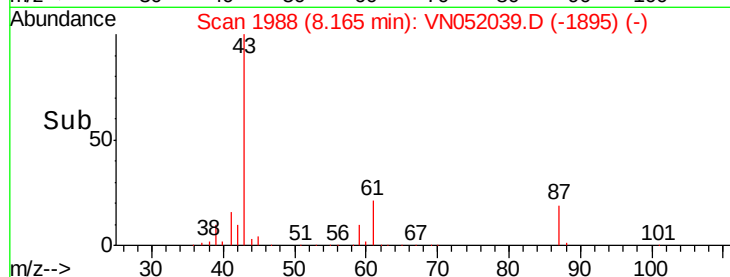
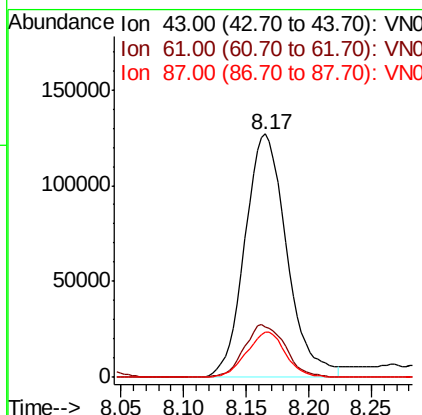
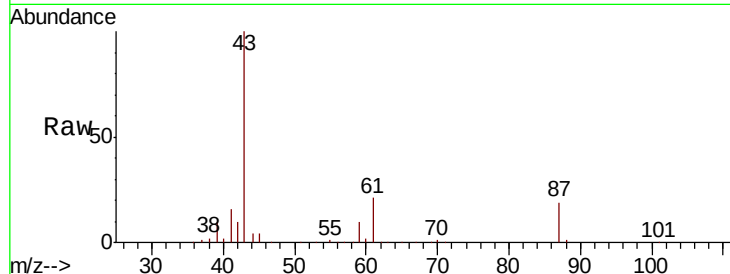
#43
Isopropyl Acetate
Concen: 26.817 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052039.D
Acq: 26 Oct 2018 20:07

Instrument :
MSVOA_N
ClientSampleId :
DL-06B

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.2	25.8
87	17.5	15.2	22.8

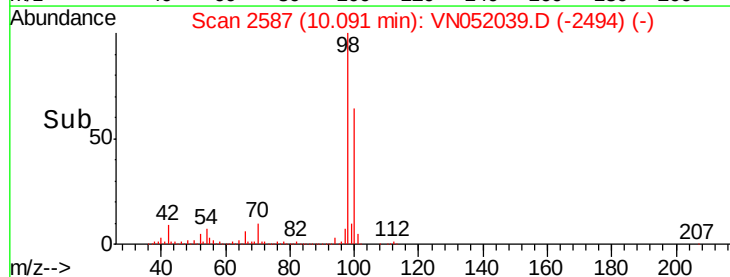
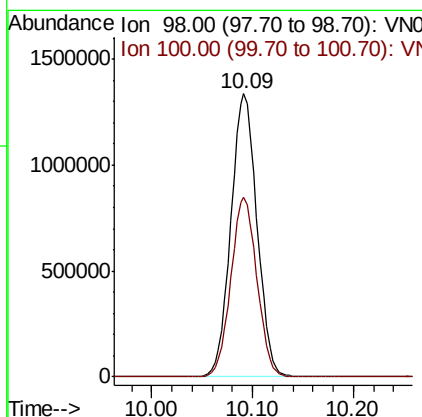
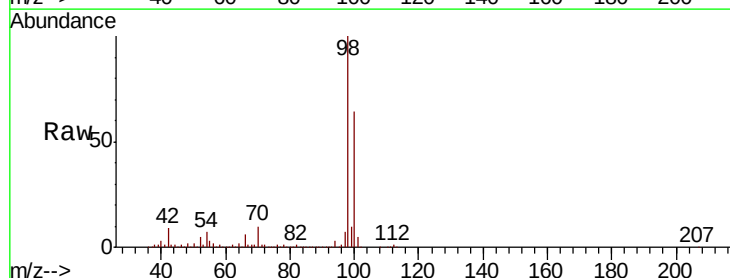
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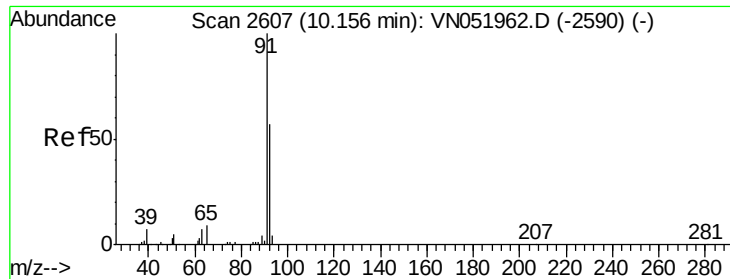
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052039.D
Acq: 26 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1





#52

Toluene

Concen: 1.848 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

Instrument :

MSVOA_N

ClientSampled :

DL-06B

Tot Ion: 92 Resp: 48732

Ion Ratio Lower Upper

92 100

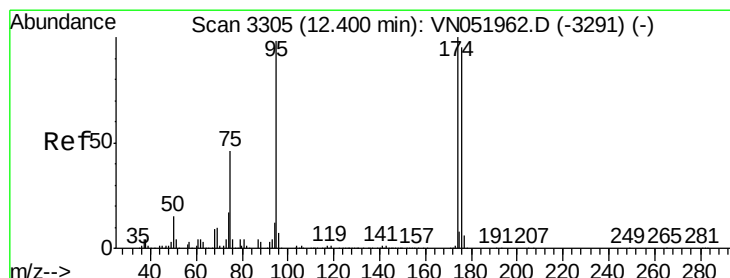
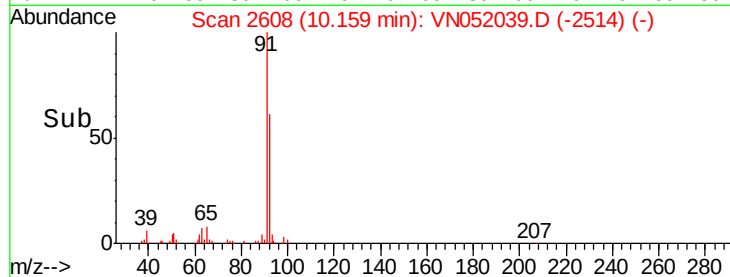
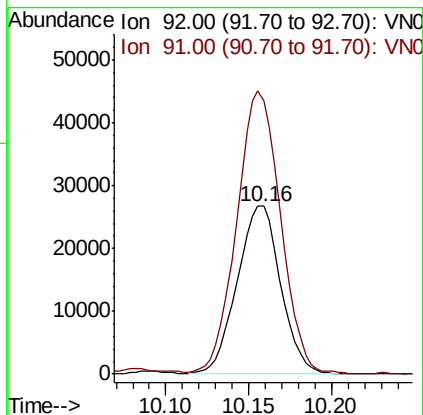
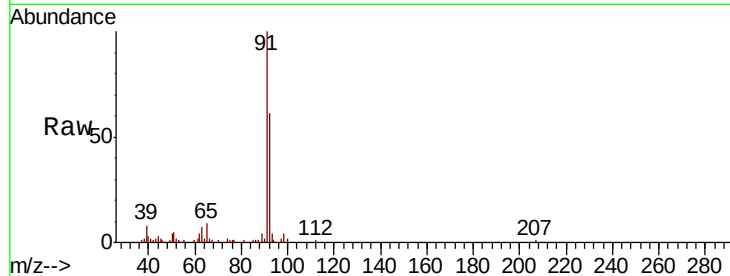
91 170.7 139.8 209.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

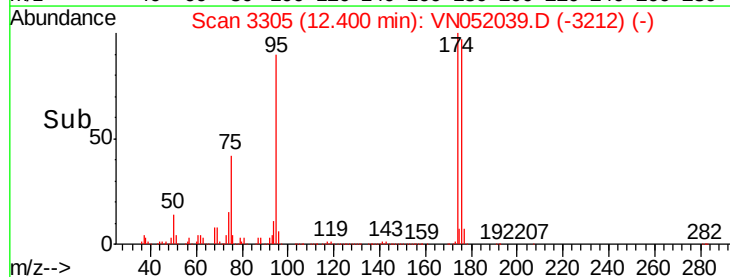
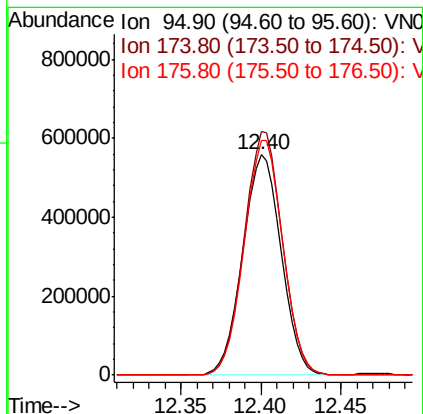
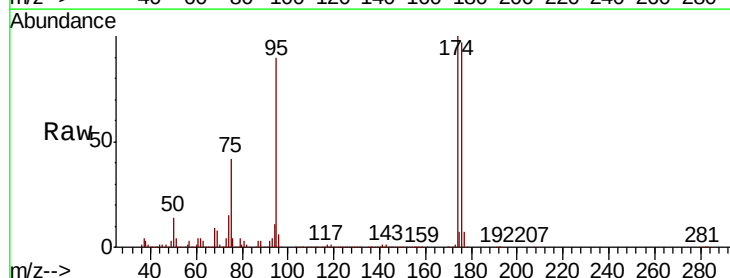
Tgt Ion: 95 Resp: 911093

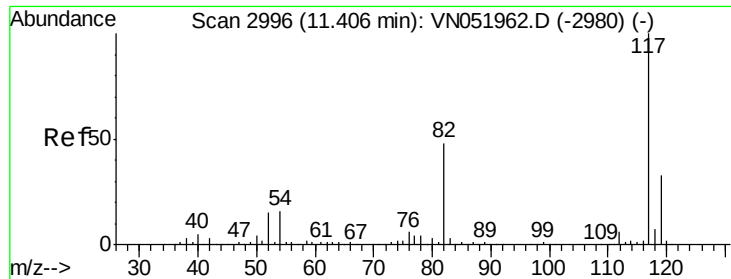
Ion Ratio Lower Upper

95 100

174 110.4 0.0 206.0

176 107.4 0.0 198.0





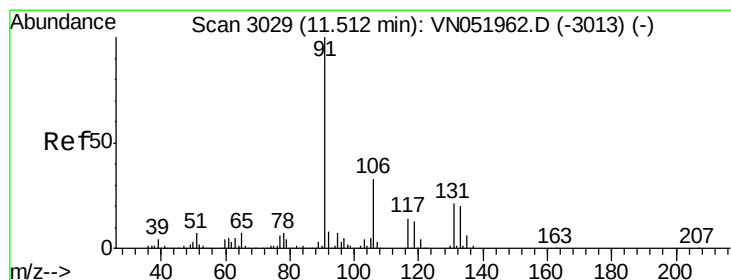
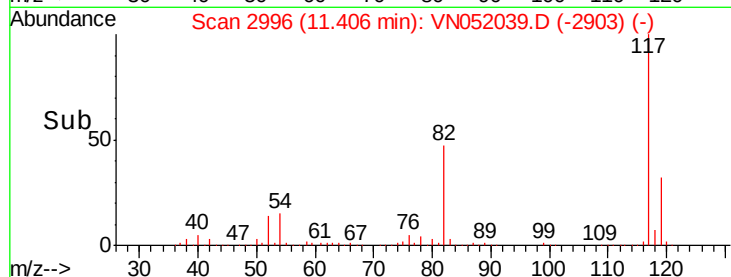
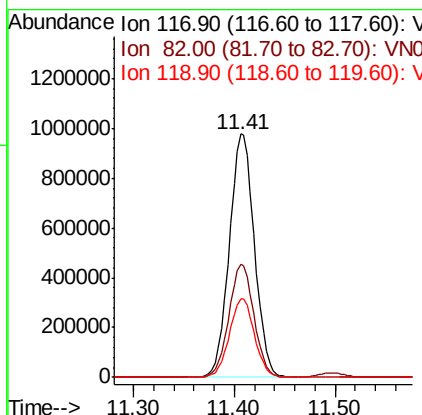
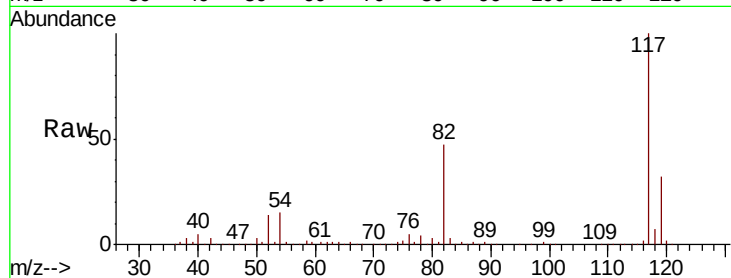
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052039.D
Acq: 26 Oct 2018 20:07

Instrument :
MSVOA_N
ClientSampled :
DL-06B

Tot Ion:117 Resp: 1691814
Ion Ratio Lower Upper
117 100
82 46.6 38.1 57.1
119 32.1 26.4 39.6

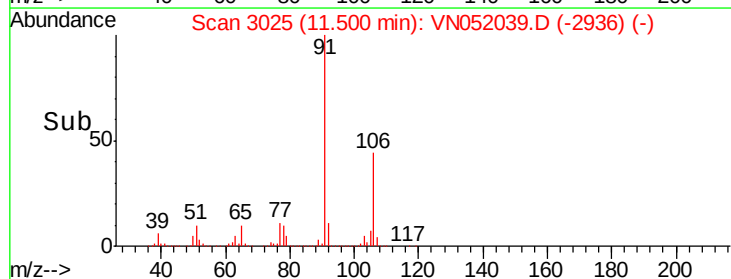
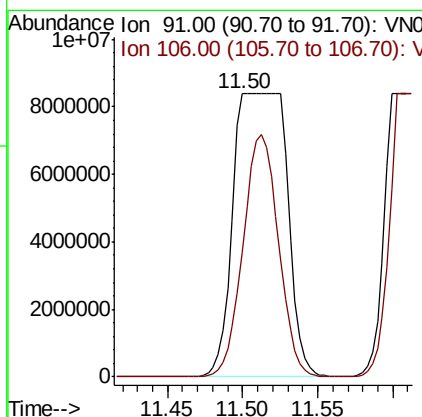
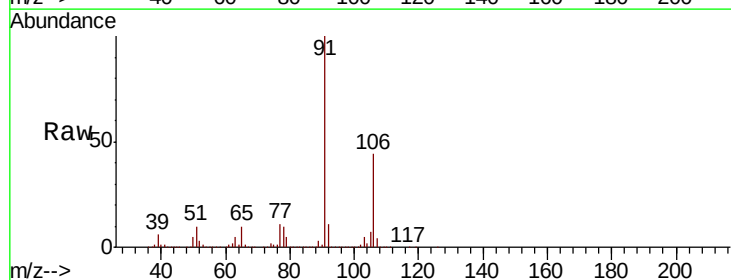
Manual Integrations
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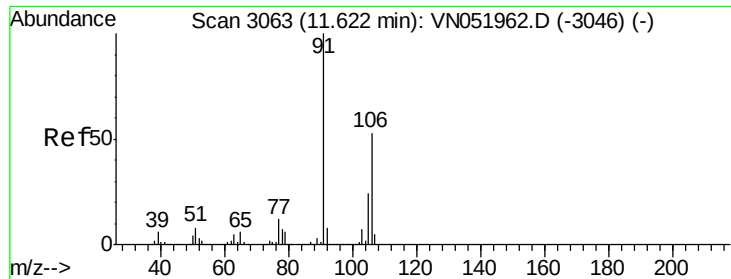
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#67
Ethyl Benzene
Concen: 379.042 ug/l m
RT: 11.50 min Scan# 3025
Delta R.T. -0.01 min
Lab File: VN052039.D
Acq: 26 Oct 2018 20:07

Tgt Ion: 91 Resp:20811952
Ion Ratio Lower Upper
91 100
106 44.2 26.4 39.6#





#68

m/p-Xylenes

Concen: 1130.229 ug/l m

RT: 11.60 min Scan# 3057

Delta R.T. -0.02 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

Instrument :

MSVOA_N

ClientSampleId :

DL-06B

Tot Ion:106 Resp:24794485

Ion Ratio Lower Upper

106 100

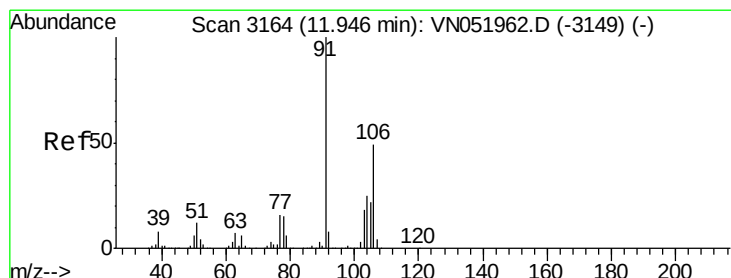
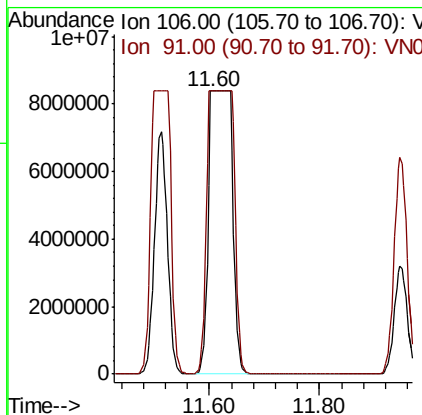
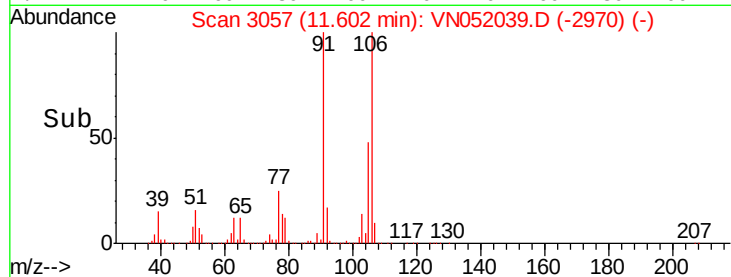
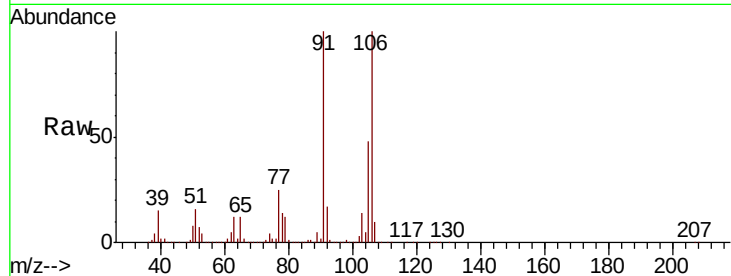
91 0.0 152.2 228.2#

Manual Integrations

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#69

o-Xylene

Concen: 245.492 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN052039.D

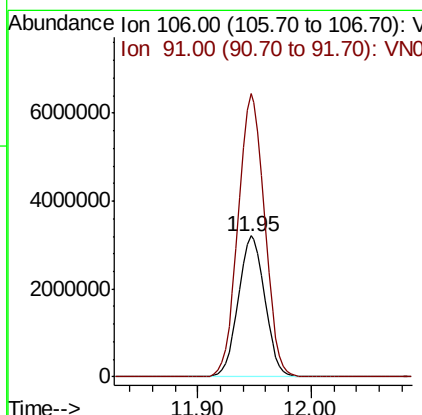
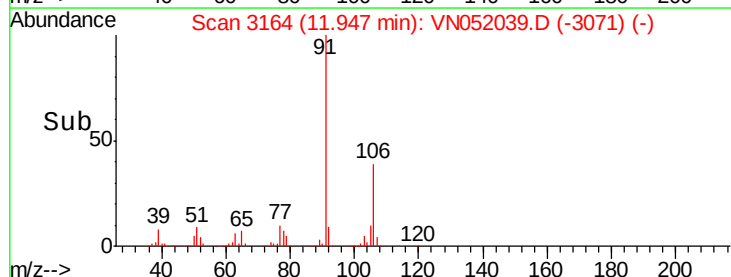
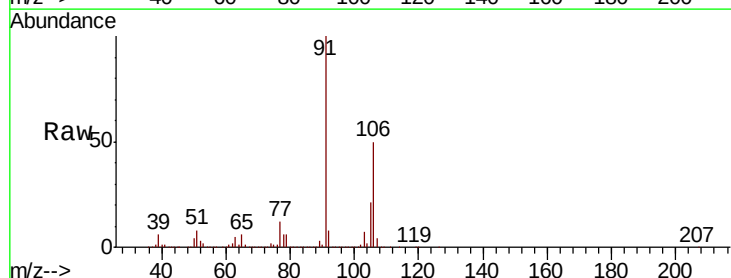
Acq: 26 Oct 2018 20:07

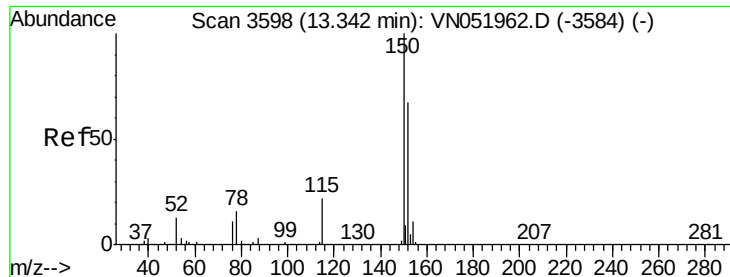
Tgt Ion:106 Resp: 5237658

Ion Ratio Lower Upper

106 100

91 200.9 101.0 303.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

Instrument :

MSVOA_N

ClientSampled :

DL-06B

Tot Ion:152 Resp: 1123184

Ion Ratio Lower Upper

152 100

115 47.3 25.8 77.3

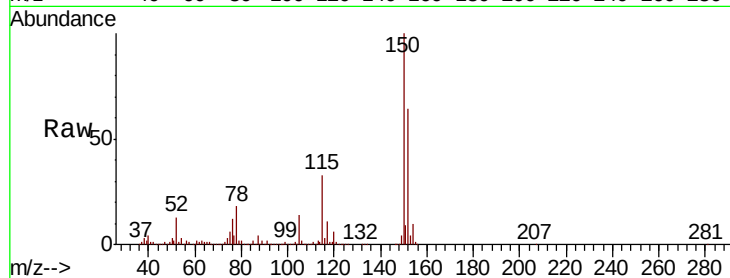
150 156.4 0.0 344.4

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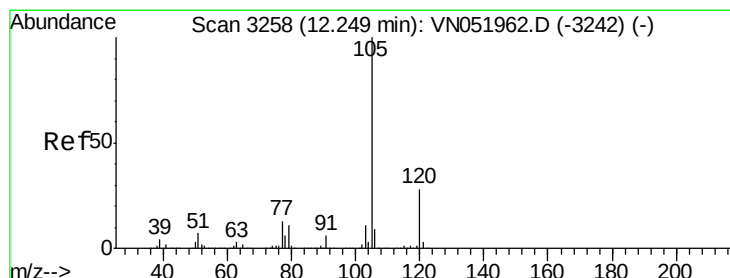
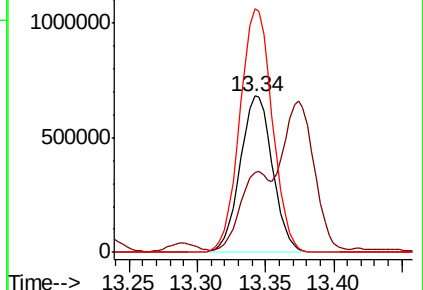
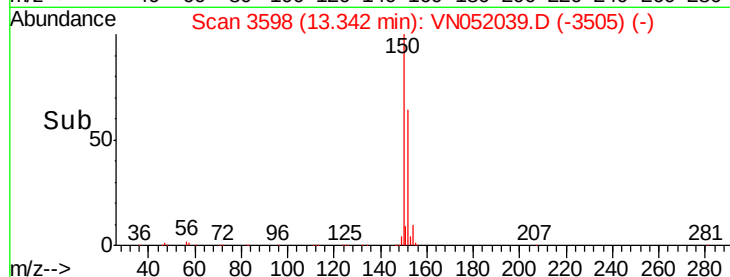
10/29/2018 3:46:44 PM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 41.539 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052039.D

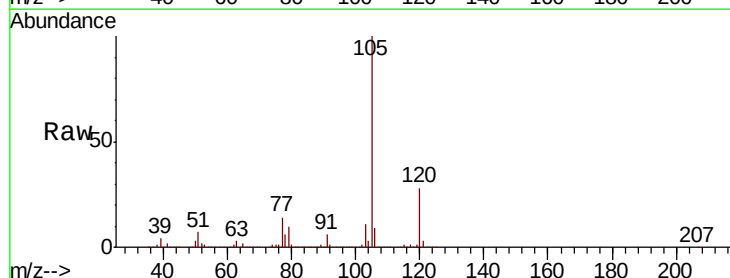
Acq: 26 Oct 2018 20:07

Tgt Ion:105 Resp: 2958943

Ion Ratio Lower Upper

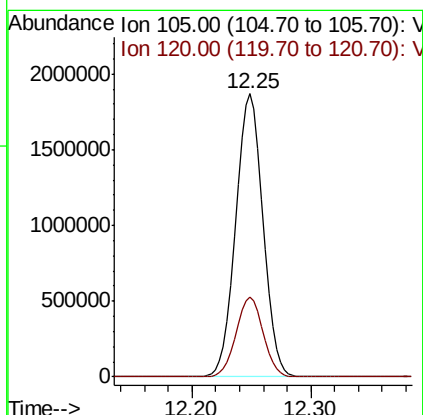
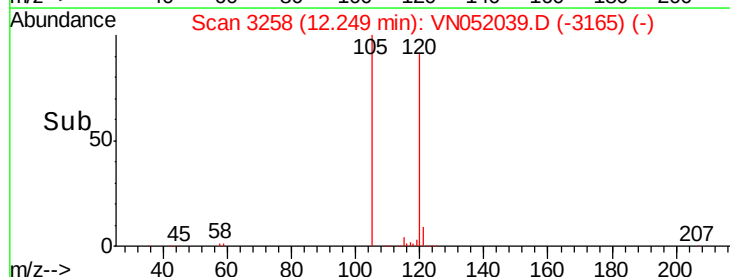
105 100

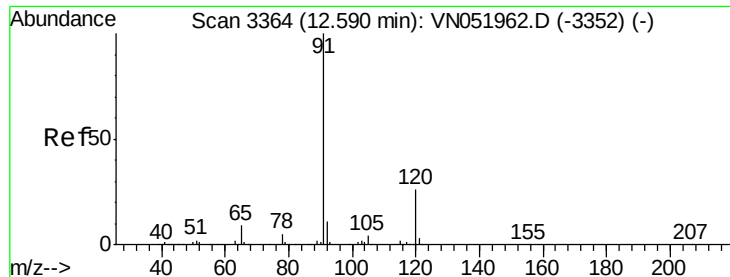
120 28.2 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 83.016 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

Instrument :

MSVOA_N

ClientSampled :

DL-06B

Tot Ion: 91 Resp: 6379092

Ion Ratio Lower Upper

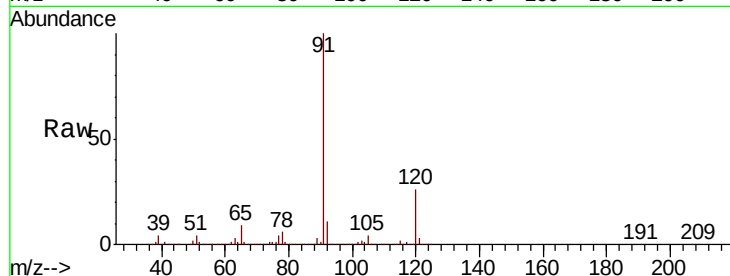
91 100

120 26.2 13.1 39.3

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Abundance Ion 91.00 (90.70 to 91.70): VN051962.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN051962.D (-3352) (-)

5000000

4000000

3000000

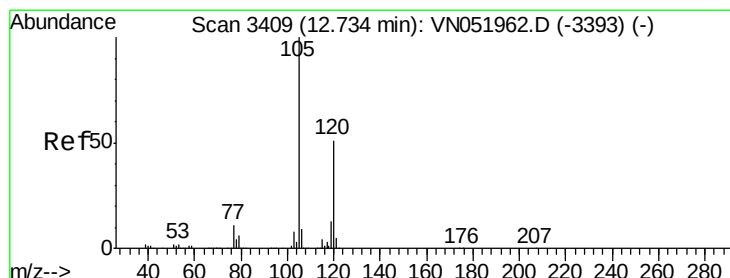
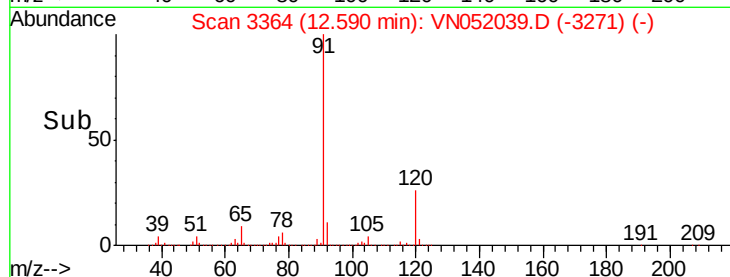
2000000

1000000

0

12.50 12.55 12.60 12.65

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 202.739 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052039.D

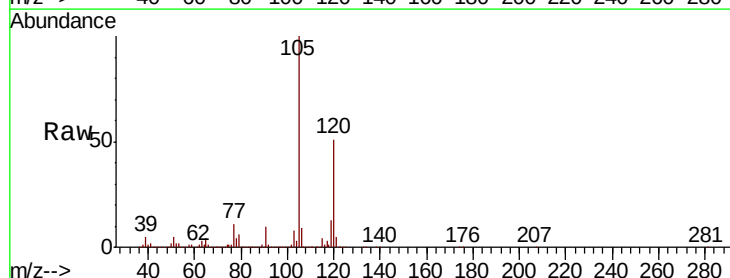
Acq: 26 Oct 2018 20:07

Tgt Ion:105 Resp:11586444

Ion Ratio Lower Upper

105 100

120 51.1 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): VN051962.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN051962.D (-3393) (-)

1e+07

8000000

6000000

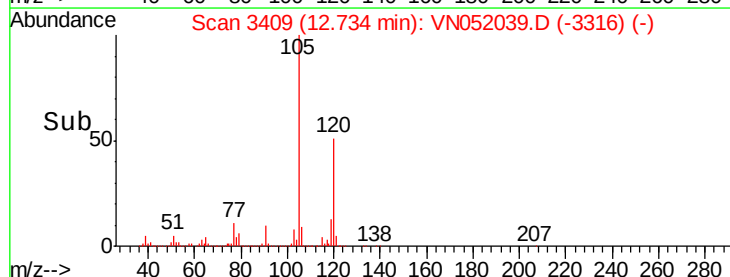
4000000

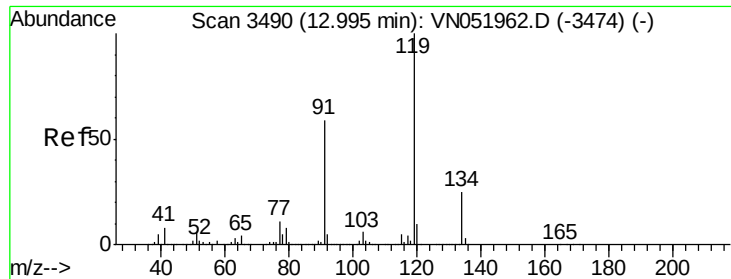
2000000

0

12.70 12.75 12.80

Time-->





#83

tert-Butylbenzene

Concen: 1.263 ug/l m

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

Instrument :

MSVOA_N

ClientSampled :

DL-06B

Tot Ion:119 Resp: 68292

Ion Ratio Lower Upper

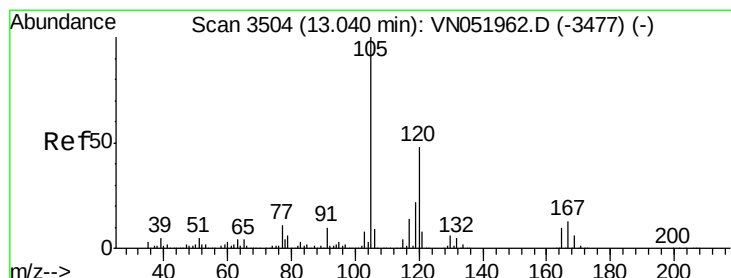
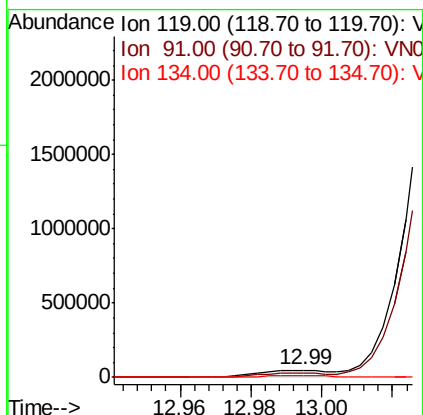
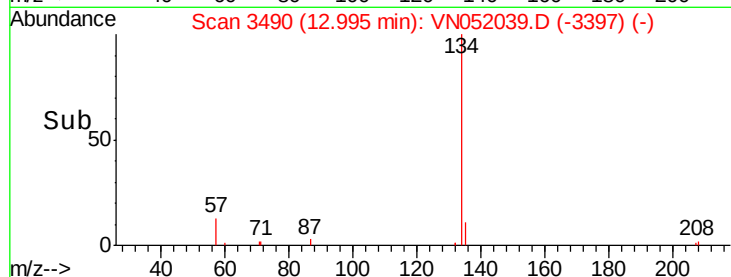
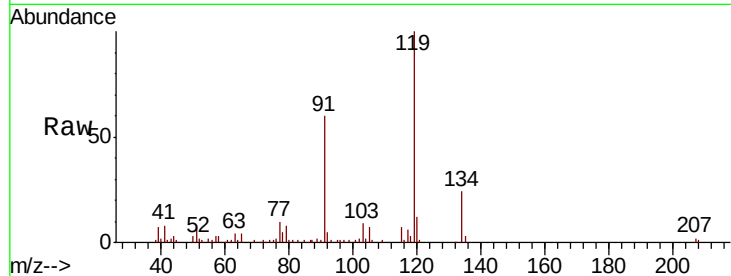
119 100

91 6464.6 28.8 86.4

134 0.0 13.4 40.1#

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 369.582 ug/l m

RT: 13.03 min Scan# 3500

Delta R.T. -0.01 min

Lab File: VN052039.D

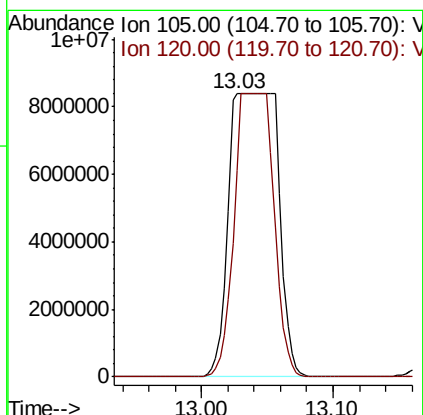
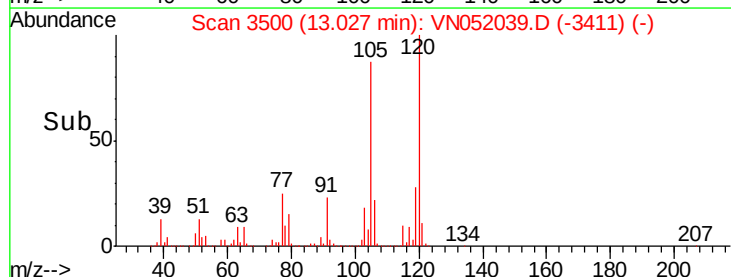
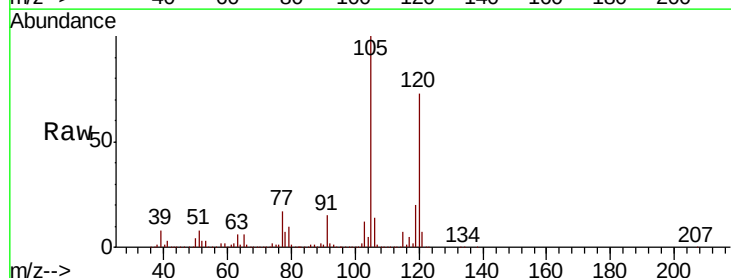
Acq: 26 Oct 2018 20:07

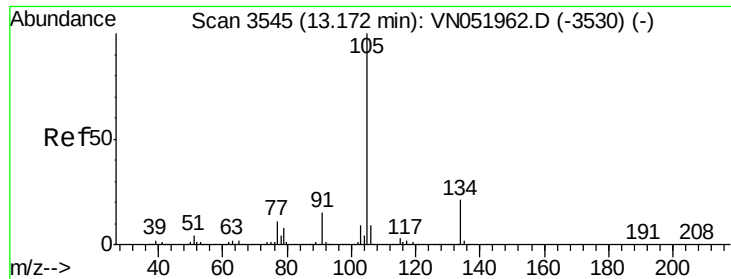
Tgt Ion:105 Resp:21786916

Ion Ratio Lower Upper

105 100

120 16.2 23.8 71.5#





#85

sec-Butylbenzene

Concen: 7.397 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

Instrument :

MSVOA_N

ClientSampled :

DL-06B

Tot Ion:105 Resp: 522233

Ion Ratio Lower Upper

105 100

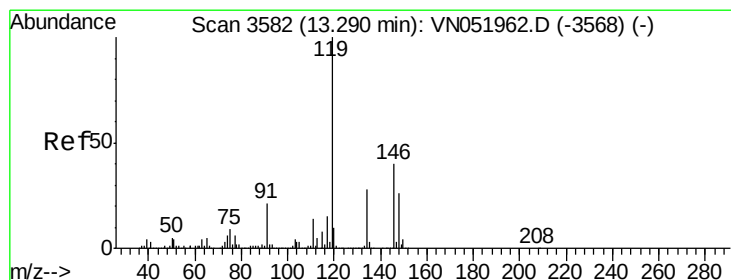
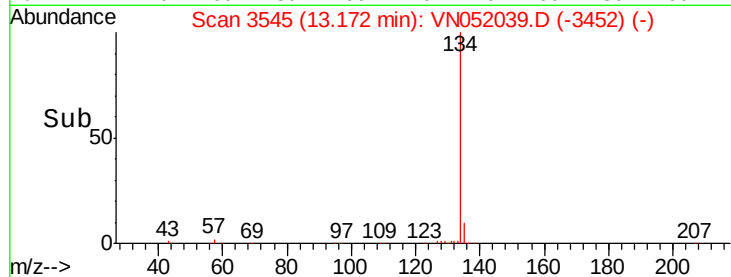
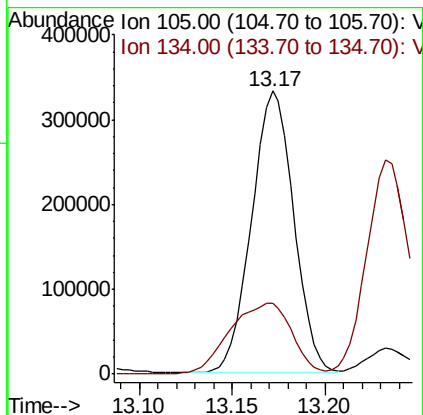
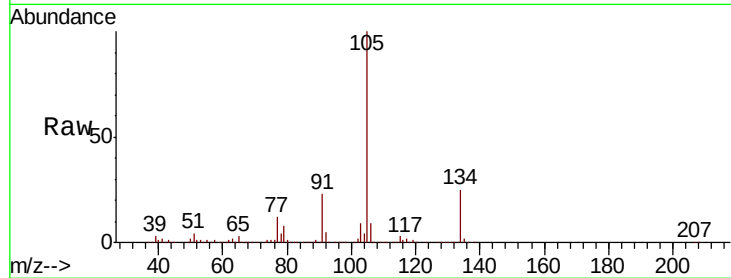
134 37.1 10.9 32.9#

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 12.740 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

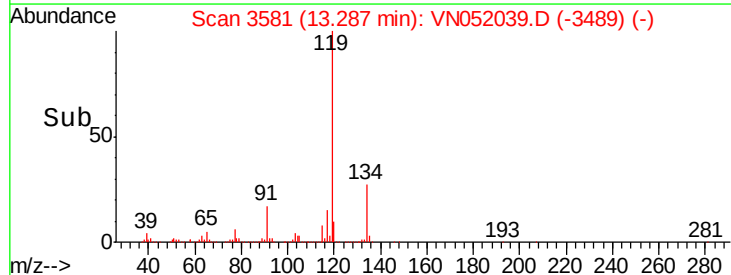
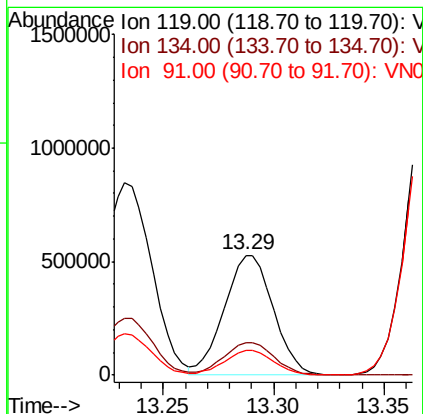
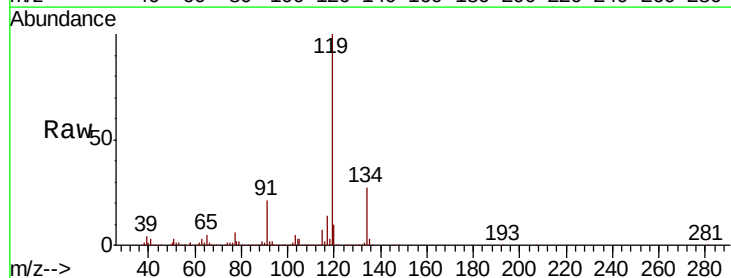
Tgt Ion:119 Resp: 809762

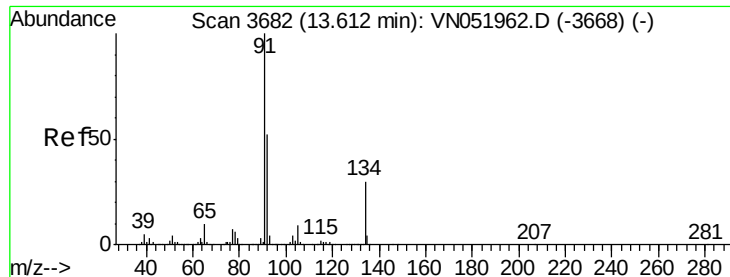
Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.7

91 20.2 10.6 31.8





#89

n-Butylbenzene

Concen: 26.493 ug/l m

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

Instrument :

MSVOA_N

ClientSampled :

DL-06B

Tot Ion: 91 Resp: 1340774

Ion Ratio Lower Upper

91 100

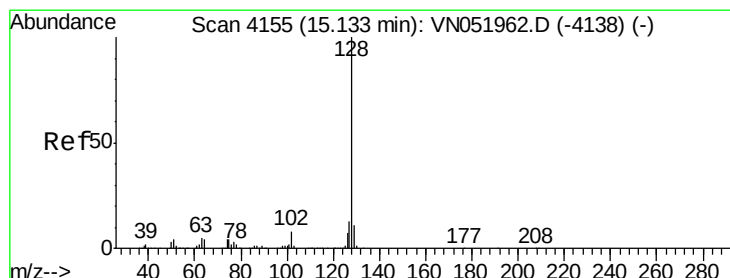
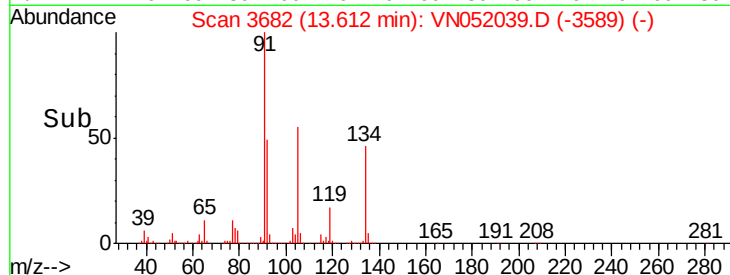
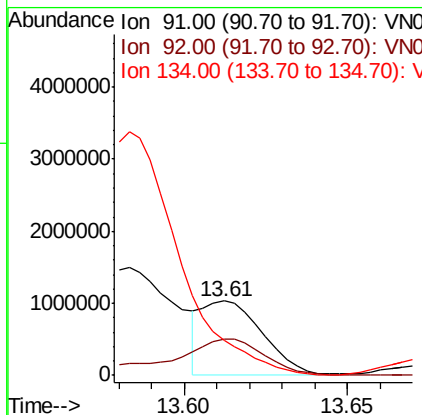
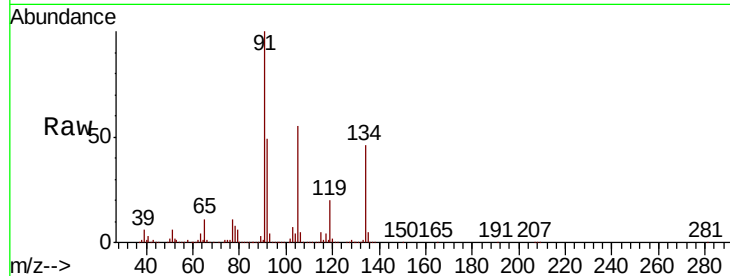
92 0.0 25.9 77.8#

134 465.5 15.2 45.6#

Manual Integrations
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#95

Naphthalene

Concen: 543.948 ug/l m

RT: 15.12 min Scan# 4150

Delta R.T. -0.02 min

Lab File: VN052039.D

Acq: 26 Oct 2018 20:07

Tgt Ion: 128 Resp: 24476254

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

