

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054053.D
 Acq On : 2 Mar 2019 1:56
 Operator : JC/SP
 Sample : K1675-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-4-A-B

Manual Integrations
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 3/4/2019 1:54:14 PM

Quant Time: Mar 02 06:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1178279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1166759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	420204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	420437	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	
35) Dibromofluoromethane	7.59	113	372309	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.09	98	1517555	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.40	95	509479	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
Target Compounds						
20) Methylene Chloride	4.48	84	78094168m	10641.839	ug/l	
21) trans-1,2-Dichloroethene	5.05	96	9875	1.461	ug/l	95
28) Bromochloromethane	7.21	49	6472	1.091	ug/l #	82
43) Isopropyl Acetate	8.18	43	48741	3.690	ug/l #	83
68) m/p-Xylenes	11.62	106	22193	1.424	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	27227	1.017	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	95531	3.573	ug/l	99
95) Naphthalene	15.13	128	14483	4.026	ug/l	98

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

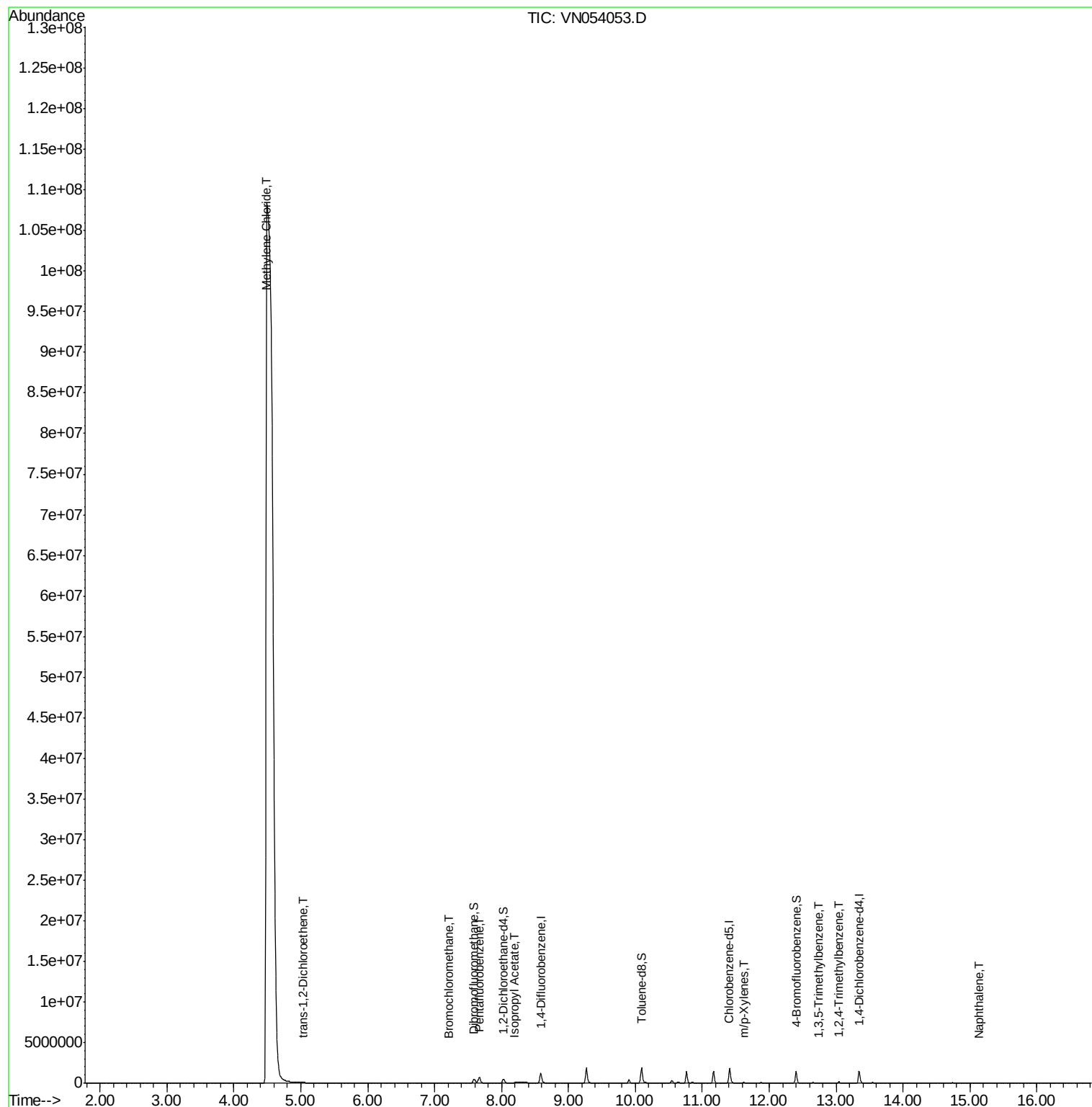
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
Data File : VN054053.D
Acq On : 2 Mar 2019 1:56
Operator : JC/SP
Sample : K1675-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

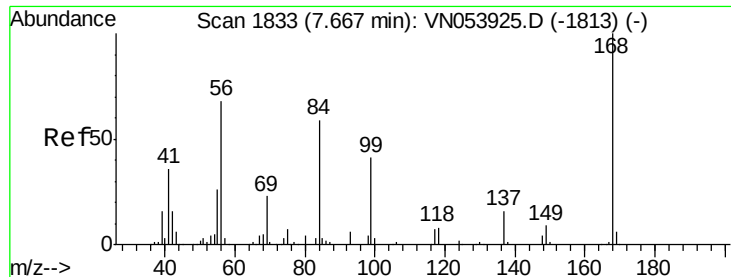
Instrument :
MSVOA_N
ClientSampleId :
Z-4-A-B

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Quant Time: Mar 02 06:03:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampleId :

Z-4-A-B

Tot Ion:168 Resp: 632522

Ion Ratio Lower Upper

168 100

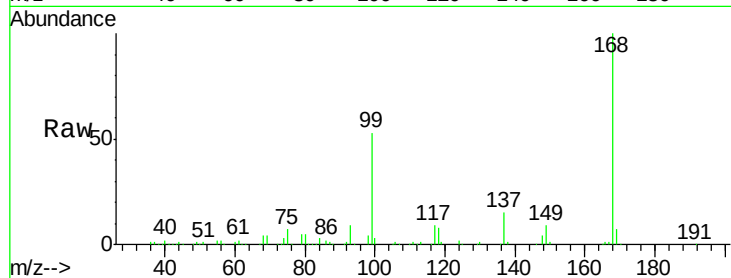
99 52.9 36.9 55.3

Manual Integrations

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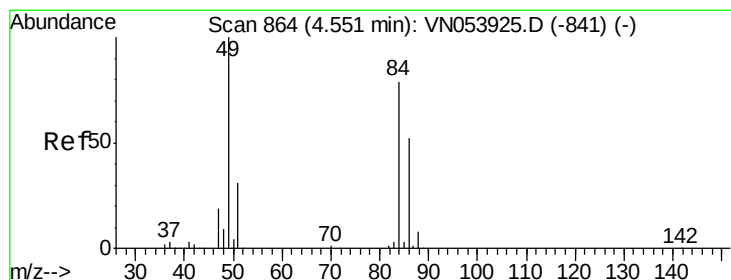
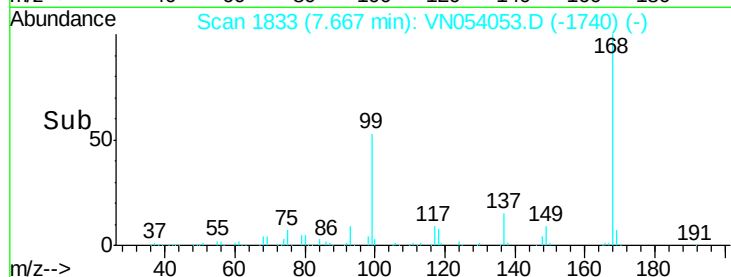
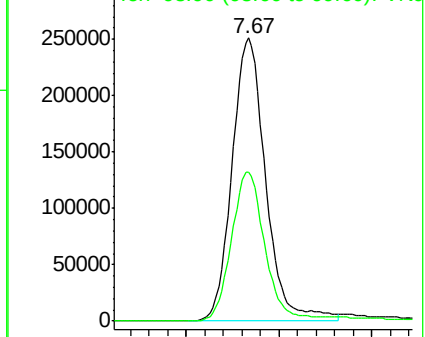
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 10641.839 ug/l m

RT: 4.48 min Scan# 841

Delta R.T. -0.07 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Tgt Ion: 84 Resp:78094168

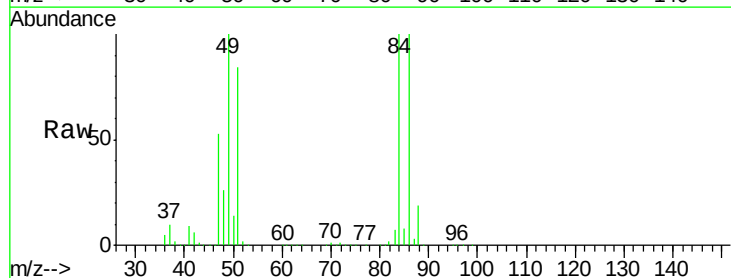
Ion Ratio Lower Upper

84 100

49 100.0 89.7 134.5

51 83.9 27.8 41.8#

86 100.0 51.3 76.9#

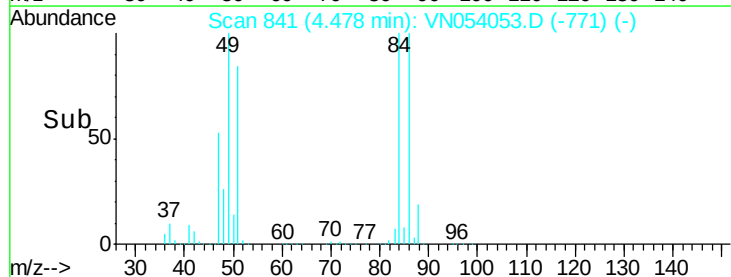
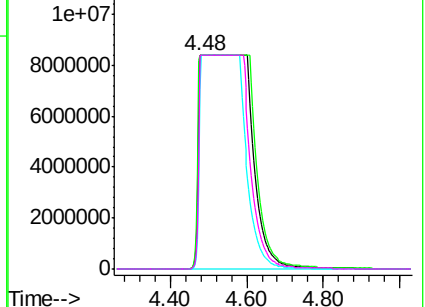


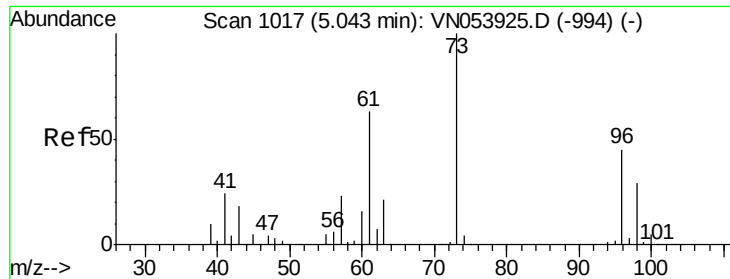
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





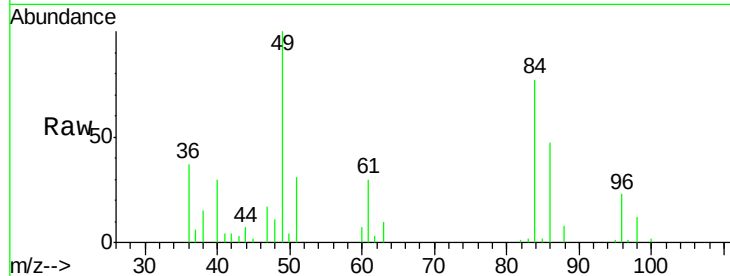
#21
trans-1,2-Dichloroethene
Concen: 1.461 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Instrument :
MSVOA_N
ClientSampled :
Z-4-A-B

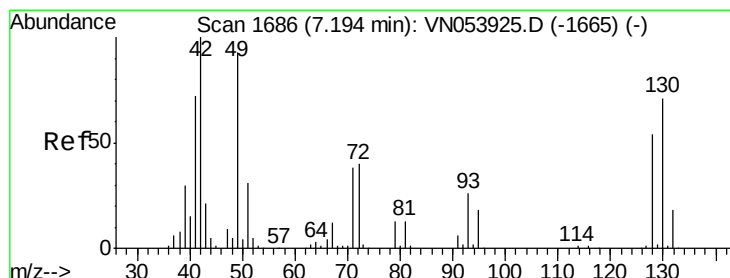
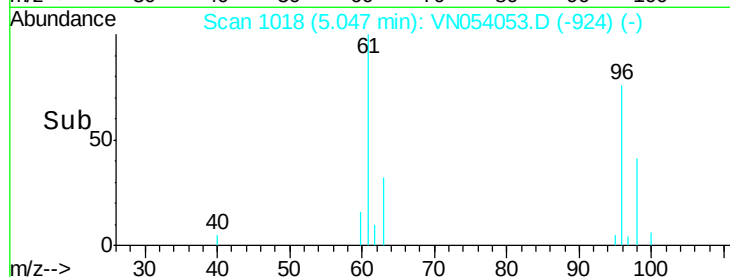
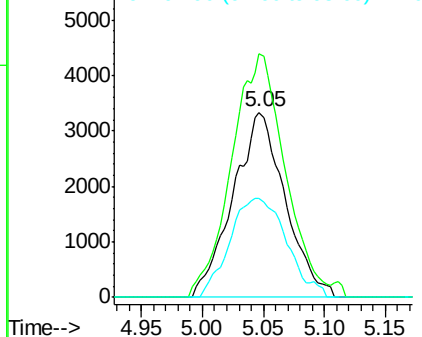
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.6	104.5	156.7
98	53.4	50.6	76.0

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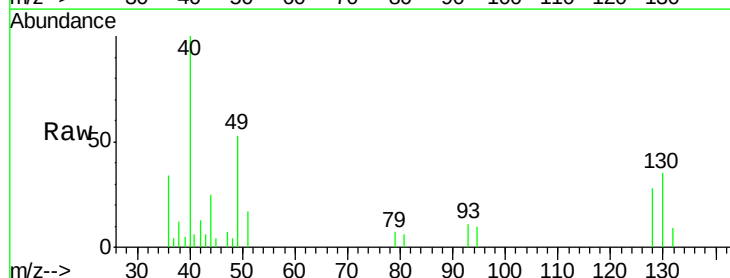


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

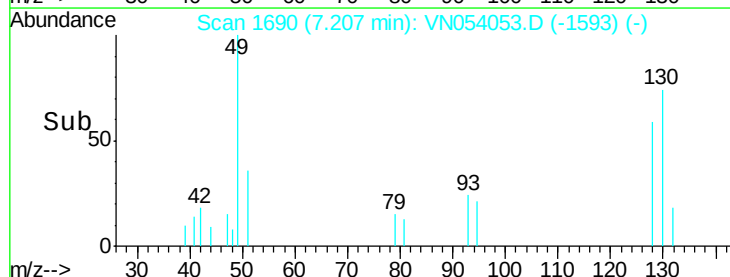
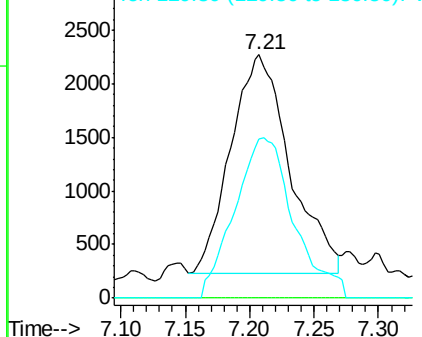


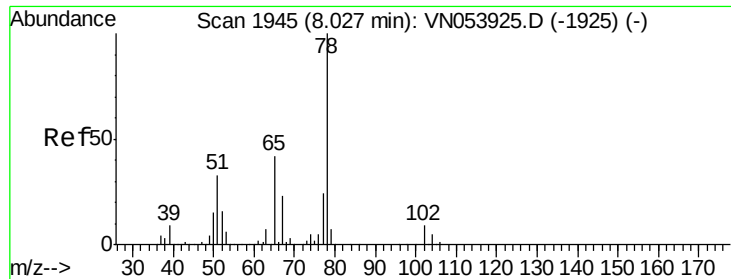
#28
Bromochloromethane
Concen: 1.091 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	73.7	72.9	109.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





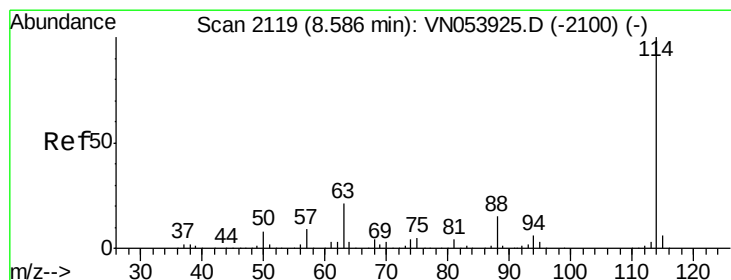
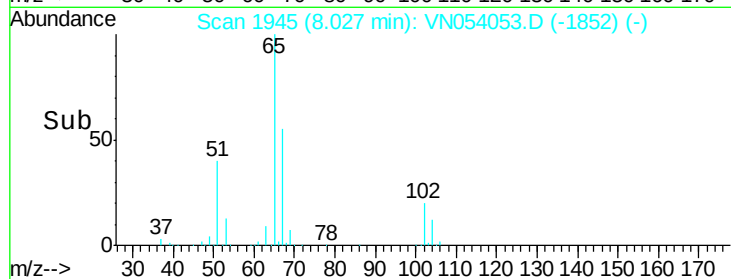
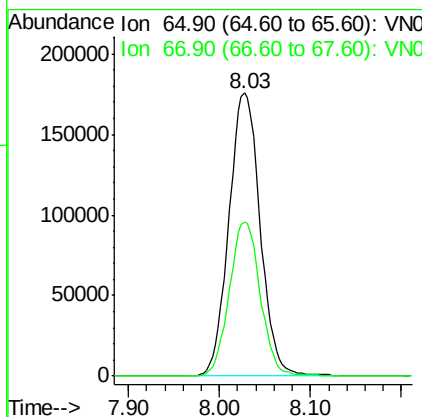
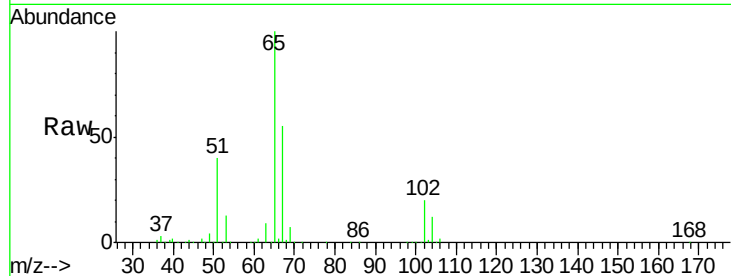
#33
 1,2-Dichloroethane-d4
 Concen: 56.704 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-4-A-B

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	111.8

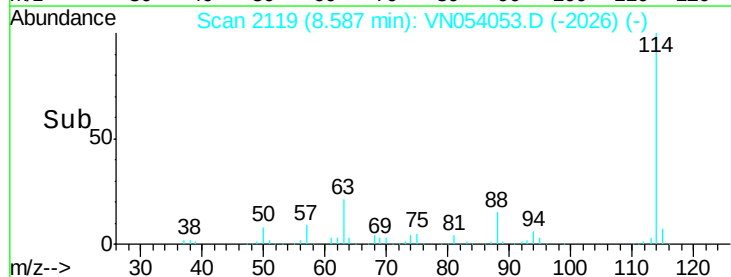
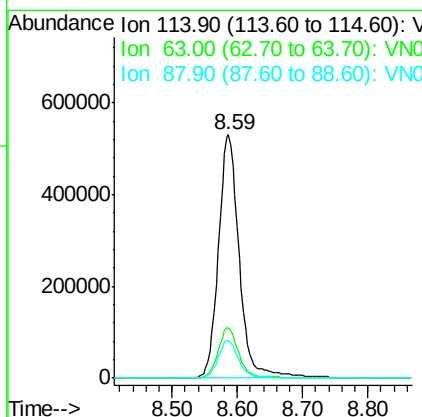
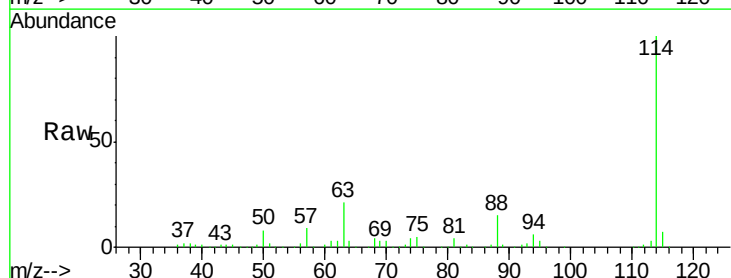
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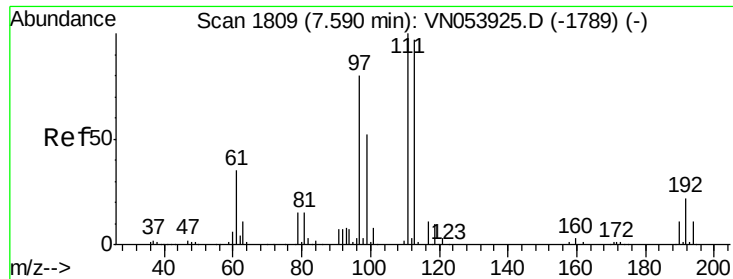
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	37.4
88	15.3	0.0	30.4





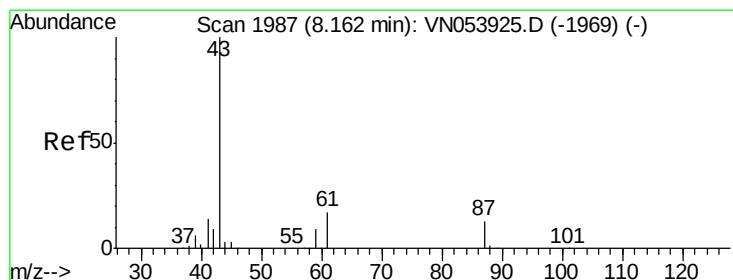
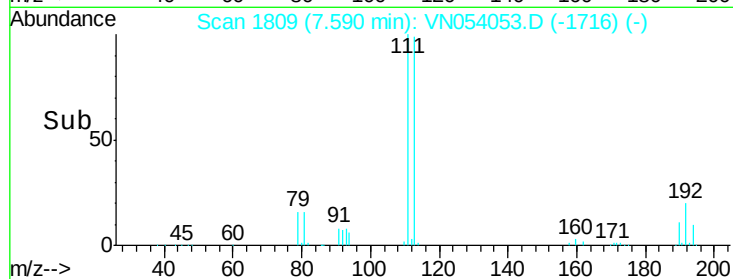
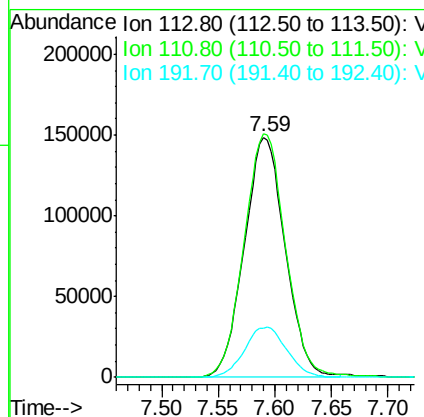
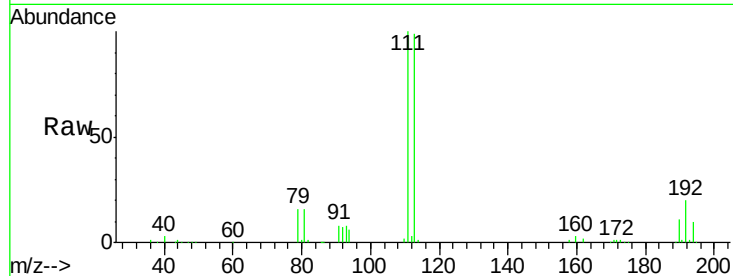
#35
 Dibromofluoromethane
 Concen: 48.863 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-4-A-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.1	121.7
192	21.7	18.8	28.2

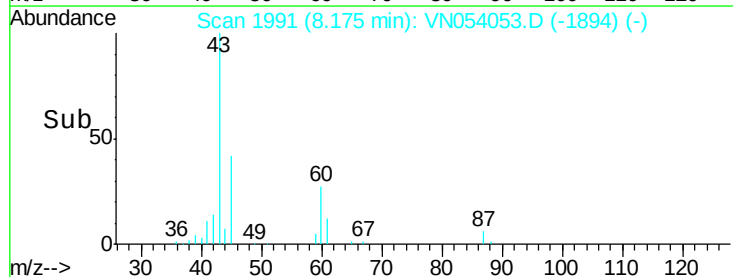
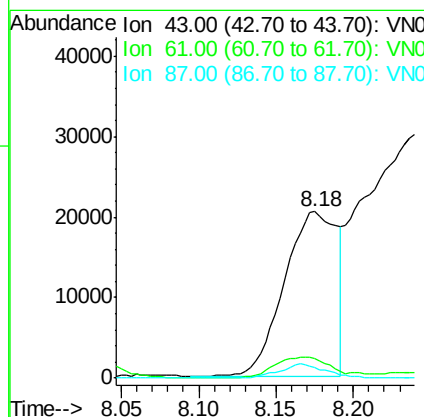
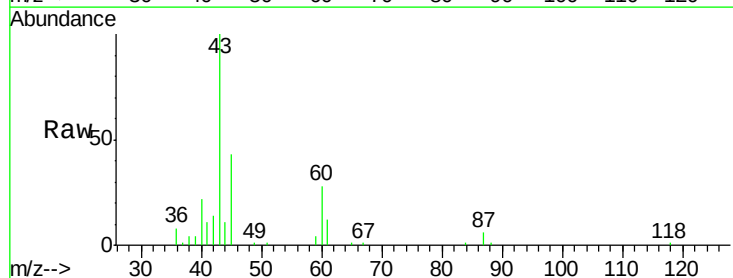
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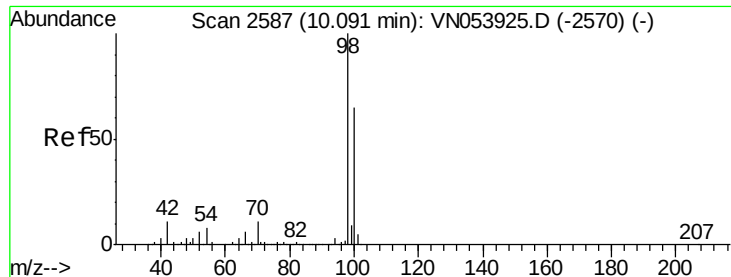
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#43
 Isopropyl Acetate
 Concen: 3.690 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	17.4	26.0#
87	7.3	11.5	17.3#





#50

Toluene-d8

Concen: 53.503 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampleId :

Z-4-A-B

Tot Ion: 98 Resp: 1517555

Ion Ratio Lower Upper

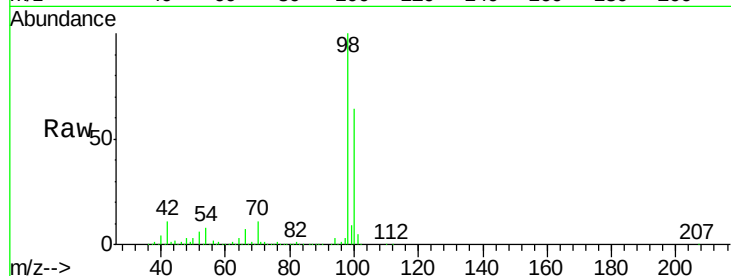
98 100

100 64.1 51.9 77.9

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Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)

10.09

800000

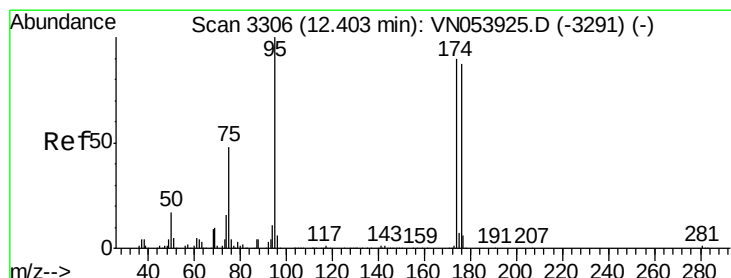
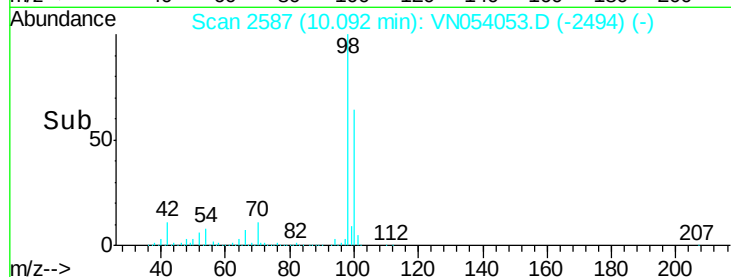
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.913 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

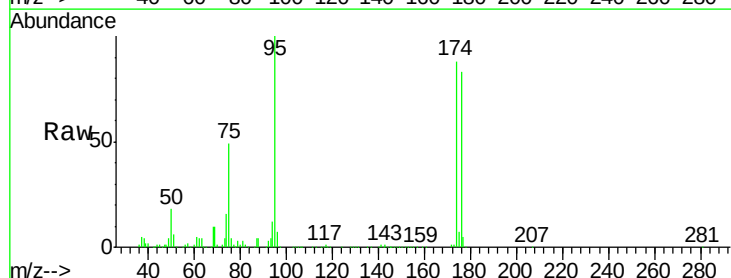
Tgt Ion: 95 Resp: 509479

Ion Ratio Lower Upper

95 100

174 87.0 0.0 188.8

176 83.5 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

12.40

400000

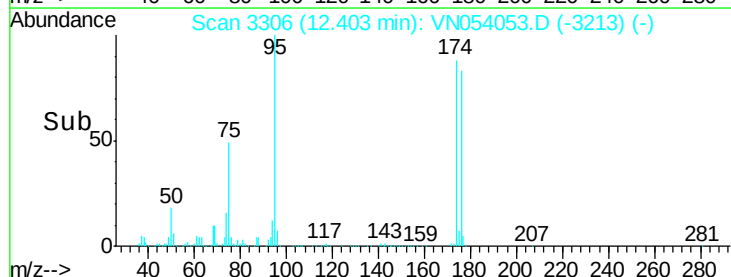
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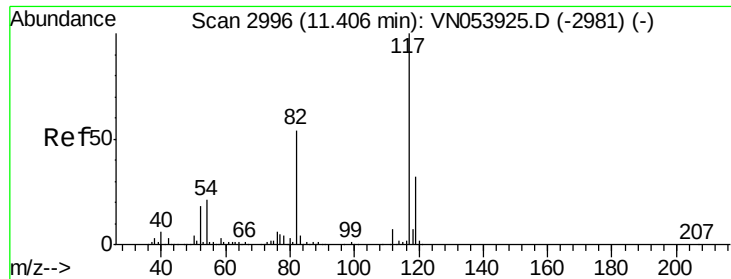
200000

100000

0

Time-->





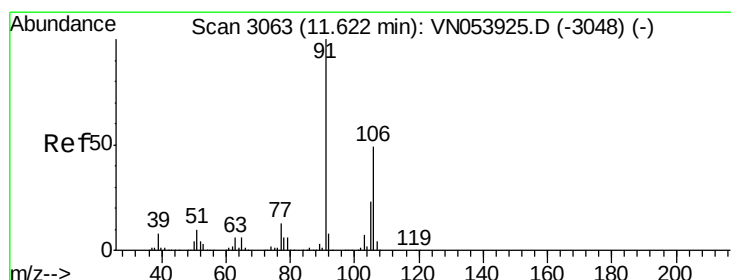
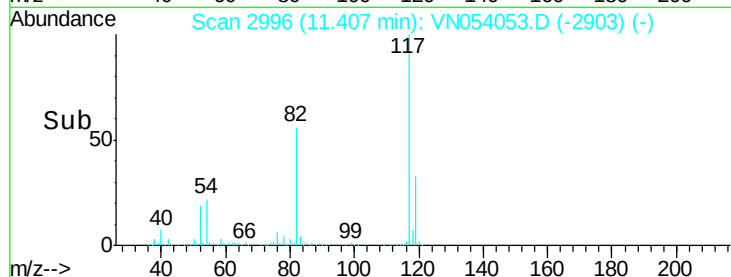
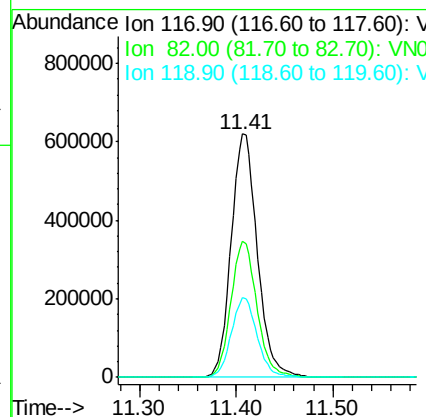
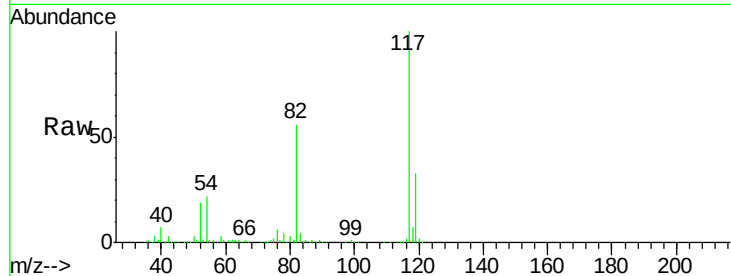
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Instrument :
MSVOA_N
ClientSampleId :
Z-4-A-B

Tot Ion:117 Resp: 1166759
Ion Ratio Lower Upper
117 100
82 55.9 41.4 62.2
119 32.5 25.3 37.9

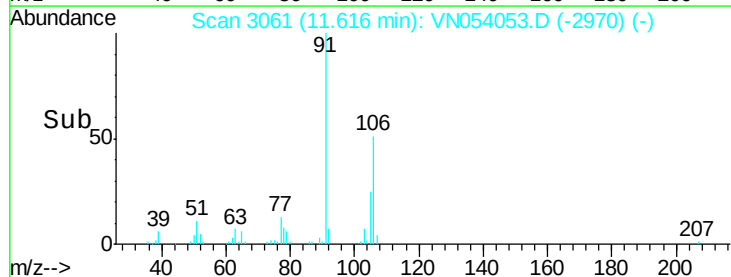
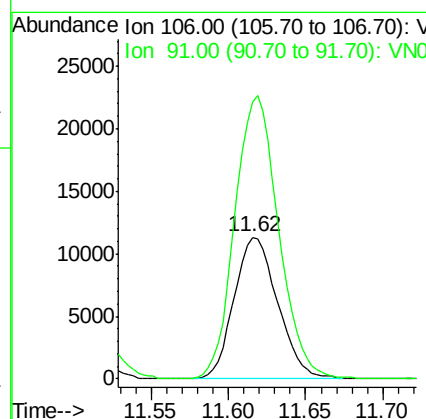
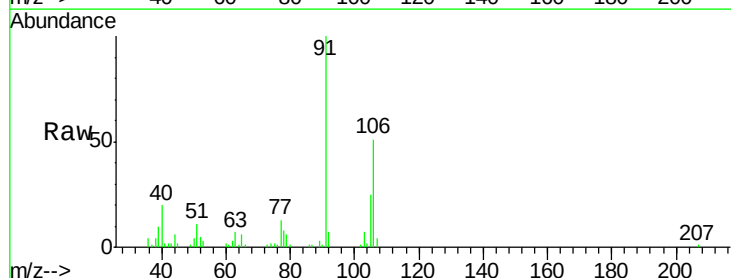
Manual Integrations
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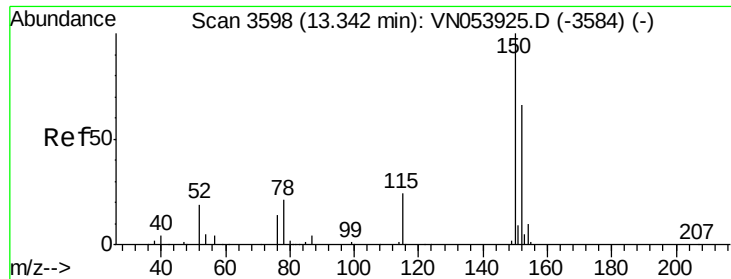
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#68
m/p-Xylenes
Concen: 1.424 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Tgt Ion:106 Resp: 22193
Ion Ratio Lower Upper
106 100
91 200.9 158.9 238.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

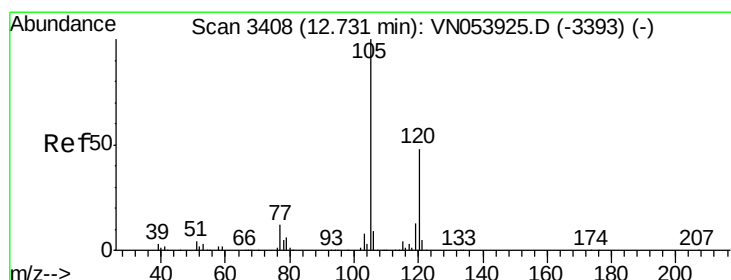
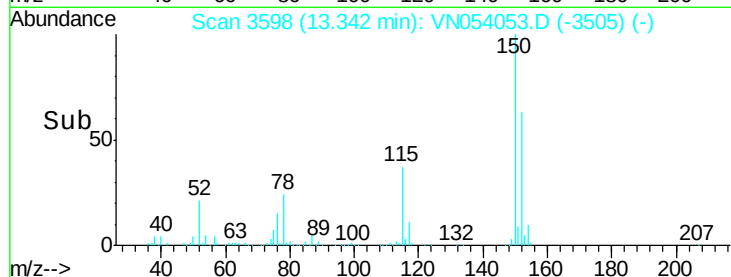
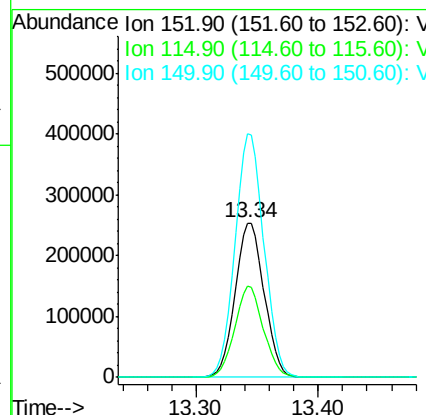
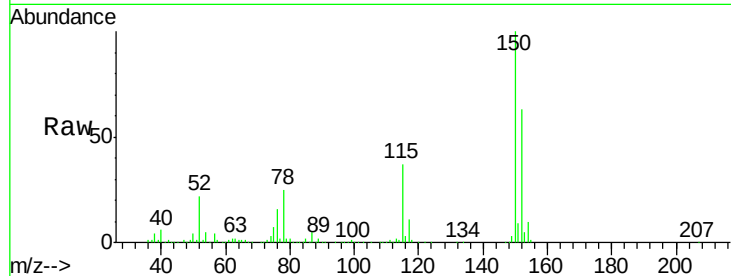
ClientSampled :

Z-4-A-B

Tot Ion:	152	Resp:	420204
Ion	Ratio	Lower	Upper
152	100		
115	58.5	27.2	81.6
150	157.1	0.0	348.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 1.017 ug/l

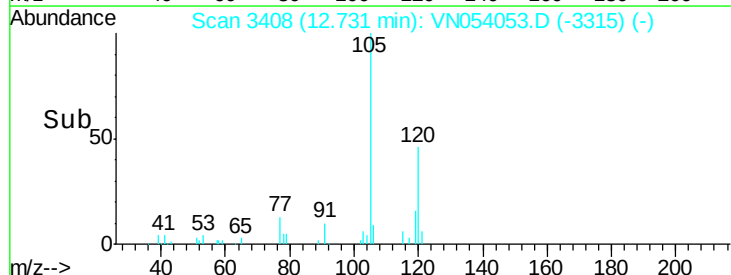
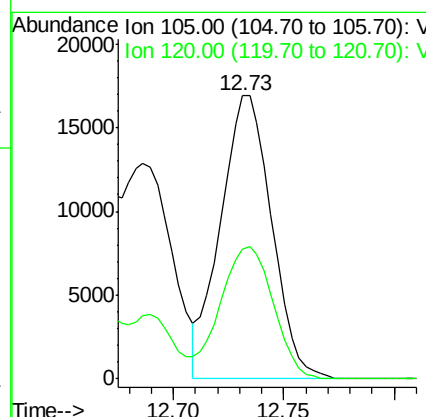
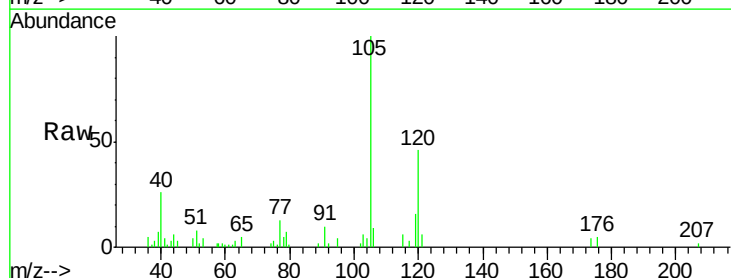
RT: 12.73 min Scan# 3408

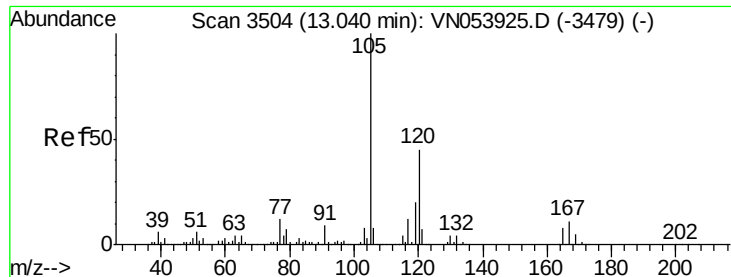
Delta R.T. 0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Tgt Ion:	105	Resp:	27227
Ion	Ratio	Lower	Upper
105	100		
120	48.0	25.1	75.2





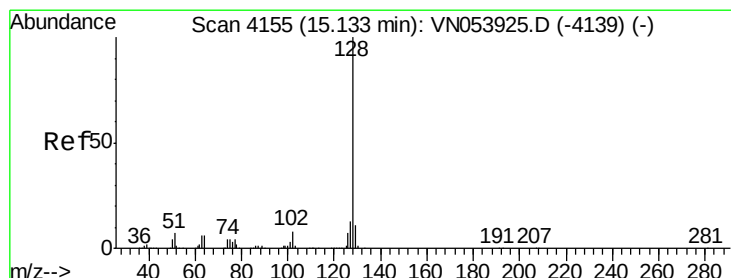
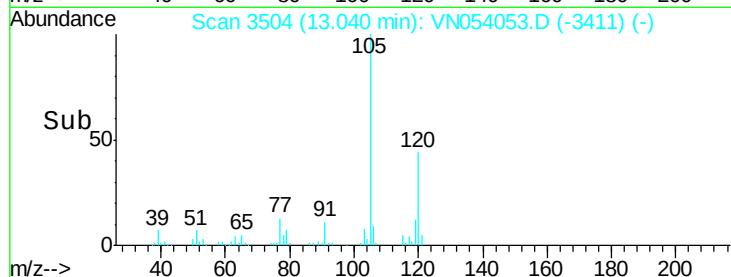
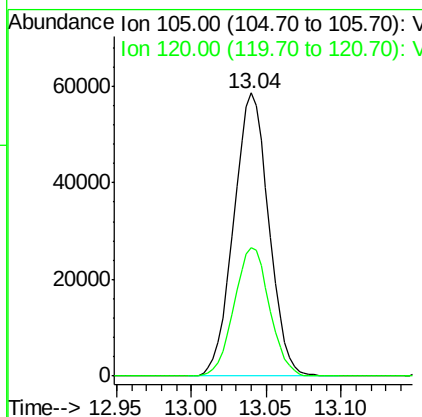
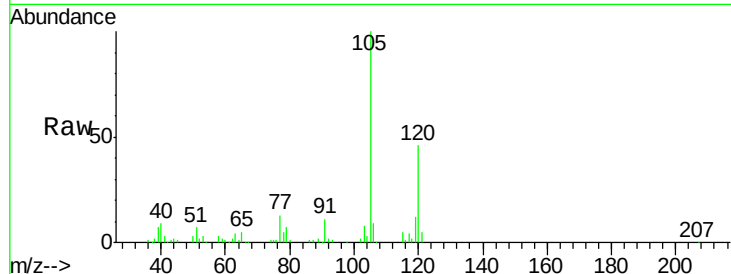
#84
 1,2,4-Trimethylbenzene
 Concen: 3.573 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-4-A-B

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.2	69.5

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 1:54:14 PM



#95
 Naphthalene
 Concen: 4.026 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	9.5	8.6	12.8

