

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051132.D
 Acq On : 11 Sep 2018 17:15
 Operator : MD\SY
 Sample : J4849-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-F

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 10:07:24 AM

Quant Time: Sep 12 04:02:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	688841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1035914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	943184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	429518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	394820	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
35) Dibromofluoromethane	7.59	113	388621	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.09	98	1440243	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.40	95	492657	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
Target Compounds						
						Qvalue
3) Chloromethane	2.06	50	10508	0.69	ug/l	96
17) Carbon Disulfide	4.05	76	18335	0.96	ug/l #	91
18) Methyl Acetate	4.33	43	37368	6.09	ug/l	95
27) cis-1,2-Dichloroethene	6.84	96	14863	1.70	ug/l	87
44) Trichloroethene	8.84	130	4852	0.52	ug/l	98
64) Tetrachloroethene	10.63	164	2876	0.33	ug/l	95
67) Ethyl Benzene	11.51	91	248315	6.45	ug/l	98
68) m/p-Xylenes	11.63	106	6284	0.42	ug/l	89
69) o-Xylene	11.95	106	14212	0.99	ug/l	78
73) Isopropylbenzene	12.25	105	3473425	96.43	ug/l	100
78) n-propylbenzene	12.59	91	7076024	178.72	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	179376m	6.16	ug/l	
83) tert-Butylbenzene	12.99	119	401179	15.60	ug/l	96
84) 1,2,4-Trimethylbenzene	13.03	105	20549709m	717.66	ug/l	
85) sec-Butylbenzene	13.17	105	2048536	62.13	ug/l	79
86) p-Isopropyltoluene	13.29	119	276932m	9.91	ug/l	
89) n-Butylbenzene	13.61	91	675221	31.03	ug/l #	60
95) Naphthalene	15.13	128	55795	8.43	ug/l	98

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

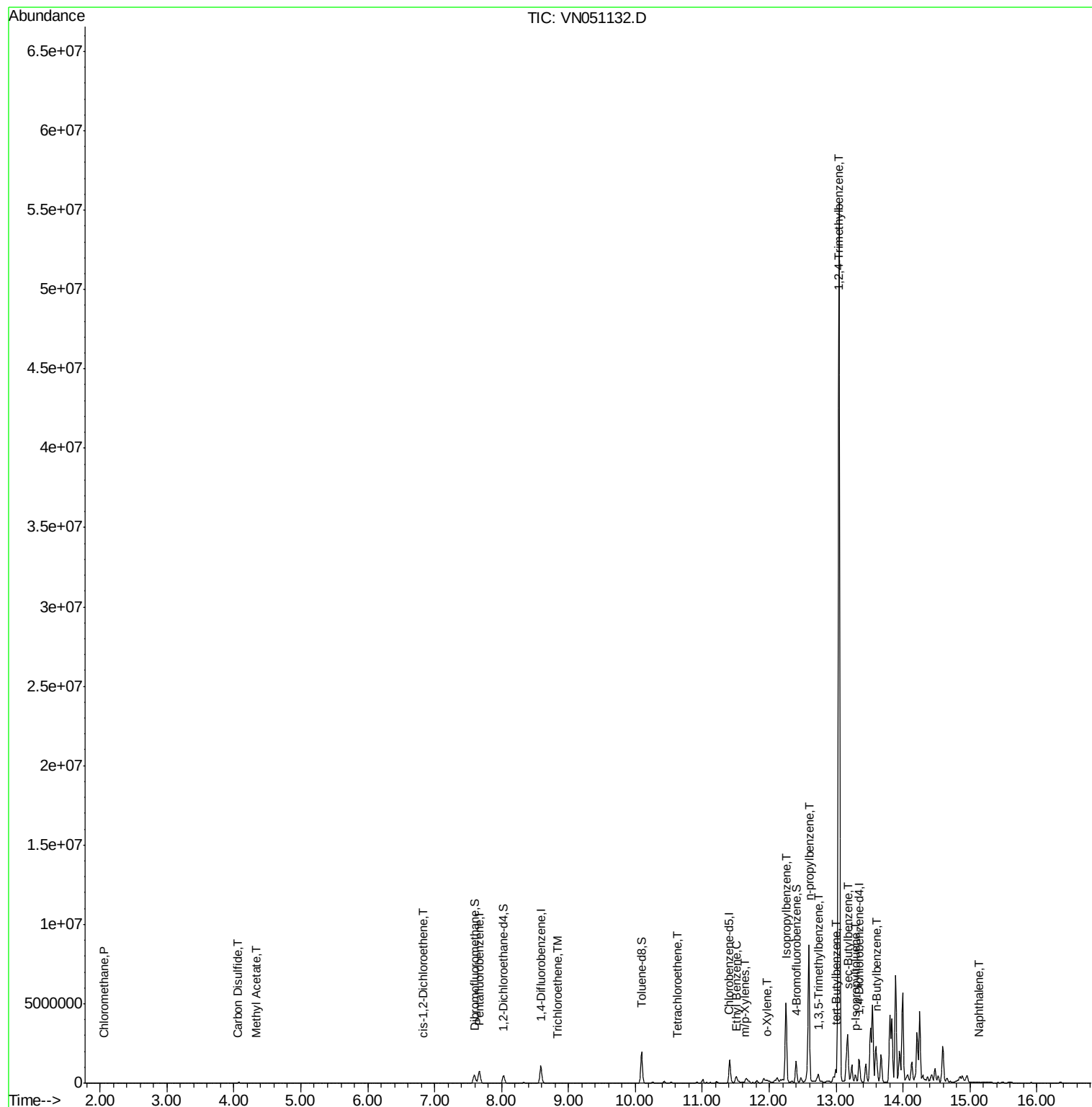
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
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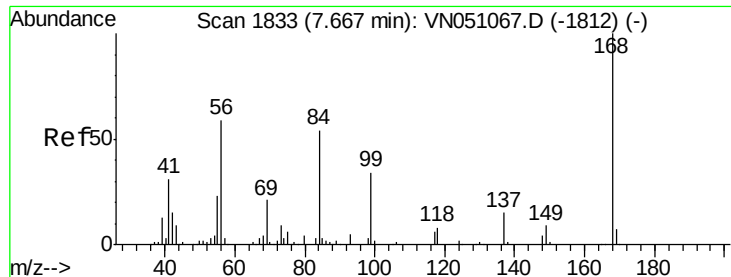
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-F

Quant Time: Sep 12 04:02:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F

Tot Ion:168 Resp: 688841

Ion Ratio Lower Upper

168 100

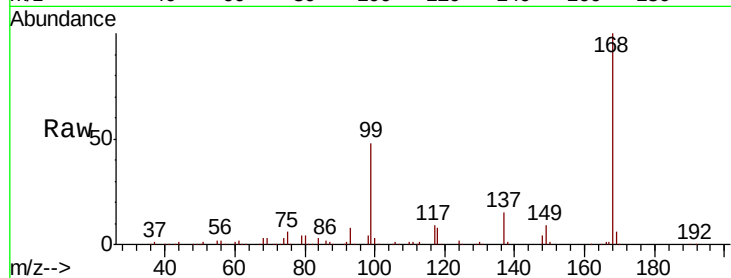
99 48.4 38.3 57.5

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

7.67

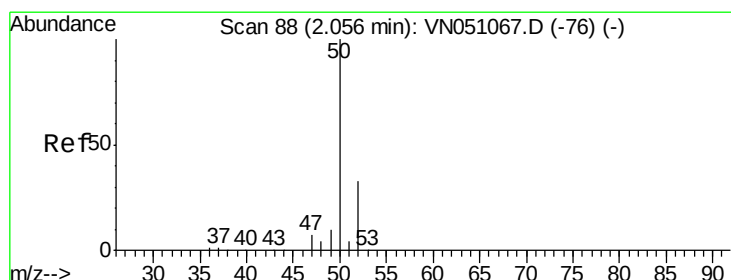
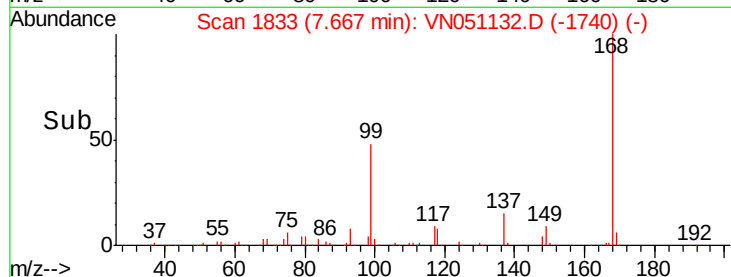
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.69 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051132.D

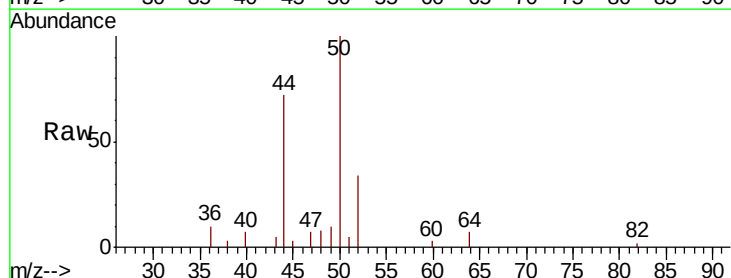
Acq: 11 Sep 2018 17:15

Tgt Ion: 50 Resp: 10508

Ion Ratio Lower Upper

50 100

52 34.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

8000

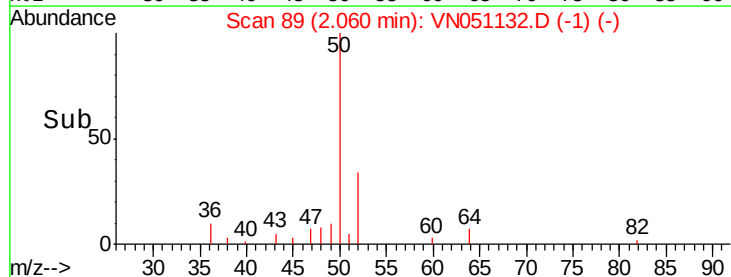
6000

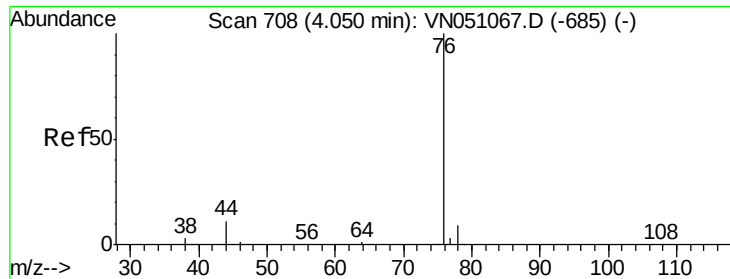
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 0.96 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F

Tot Ion: 76 Resp: 18335

Ion Ratio Lower Upper

76 100

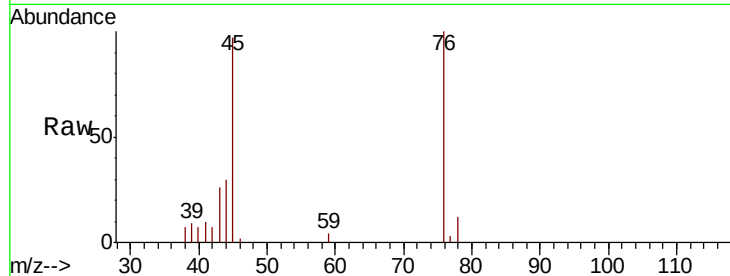
78 11.9 7.0 10.6#

Manual Integrations

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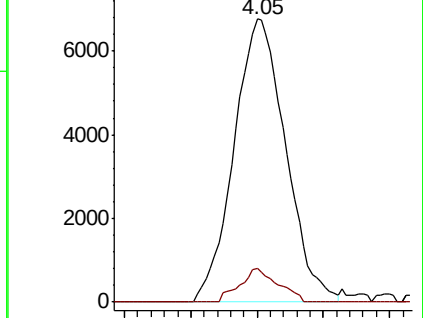
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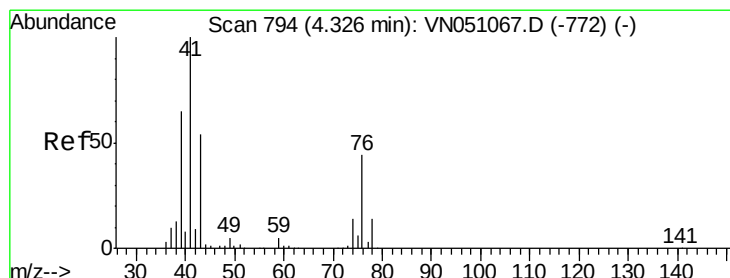
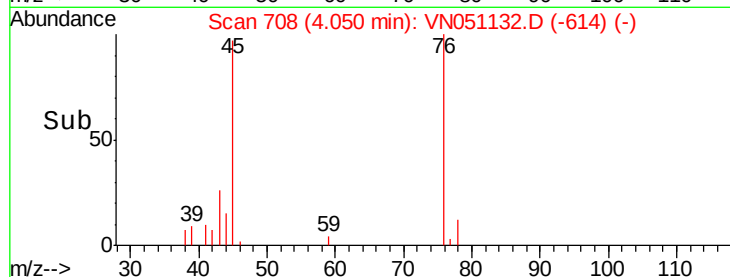


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time--> 3.95 4.00 4.05 4.10 4.15



#18

Methyl Acetate

Concen: 6.09 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051132.D

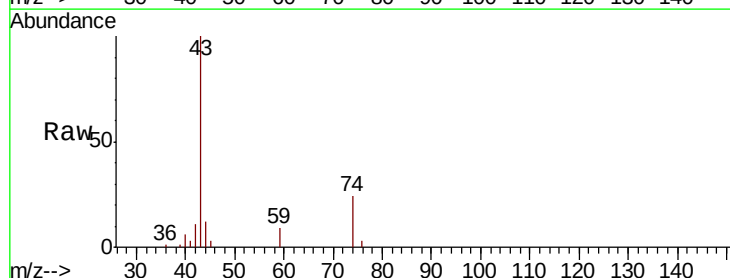
Acq: 11 Sep 2018 17:15

Tgt Ion: 43 Resp: 37368

Ion Ratio Lower Upper

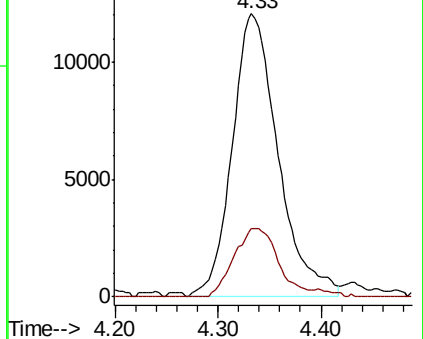
43 100

74 23.2 20.7 31.1

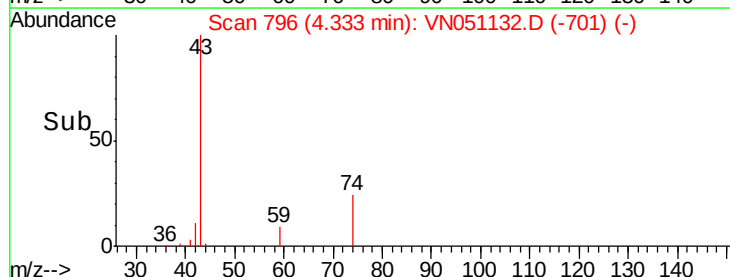


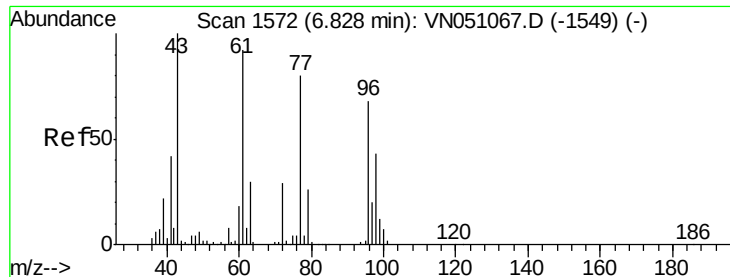
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time--> 4.20 4.30 4.40





#27

cis-1,2-Dichloroethene

Concen: 1.70 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Instrument :

MSVOA_N

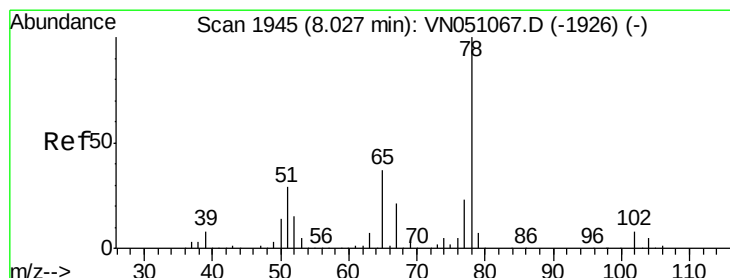
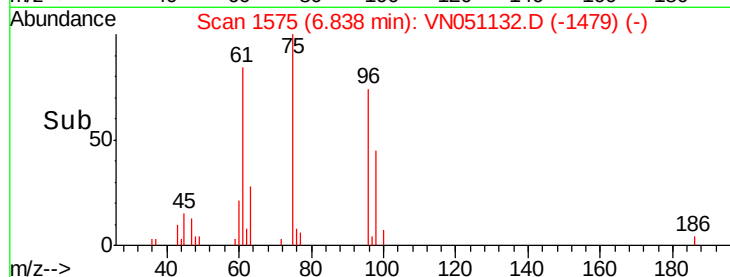
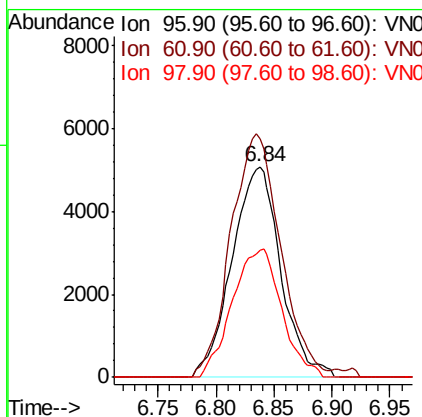
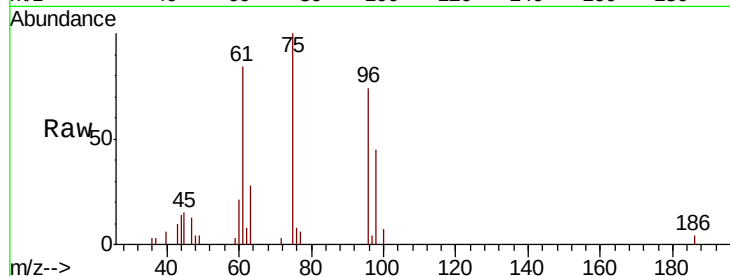
ClientSampleId :

EP1-MW-F

Tot Ion:	96	Resp:	14863
Ion	Ratio	Lower	Upper
96	100		
61	117.9	0.0	278.2
98	61.6	0.0	129.4

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 51.50 ug/l

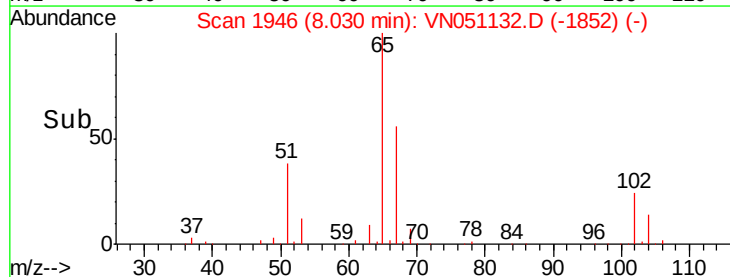
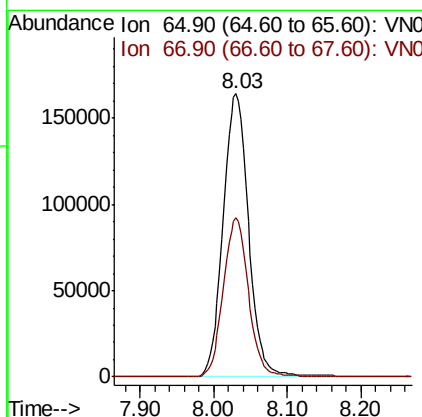
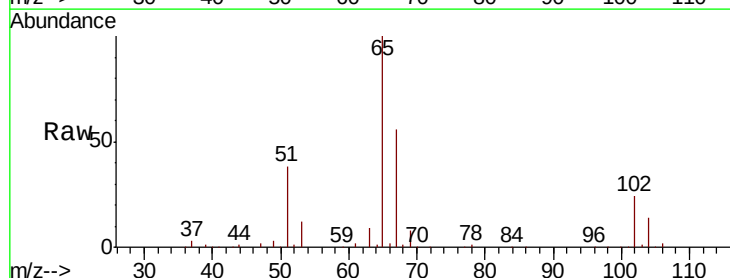
RT: 8.03 min Scan# 1946

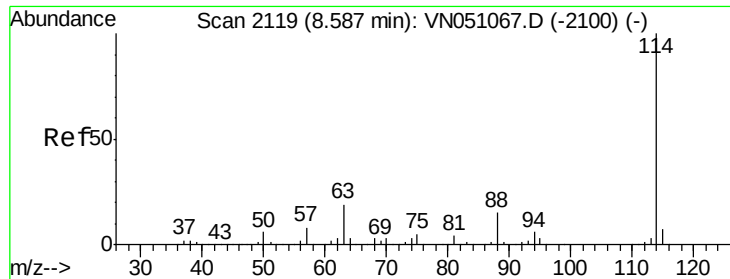
Delta R.T. 0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Tgt Ion:	65	Resp:	394820
Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	112.0





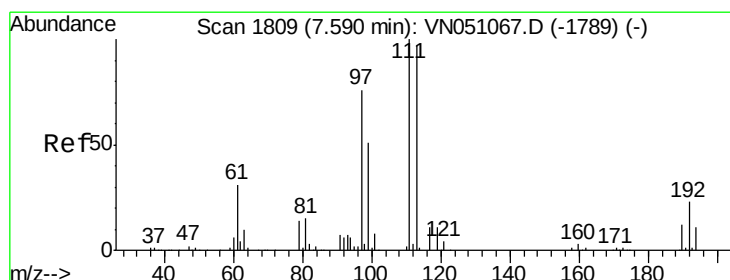
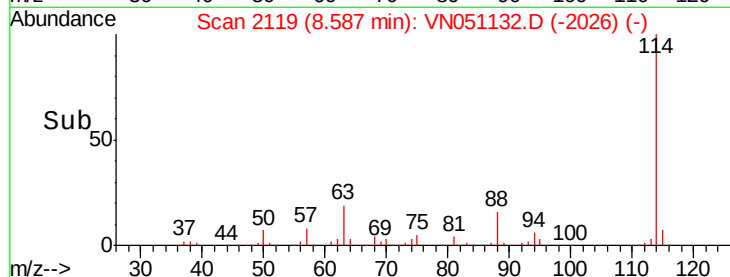
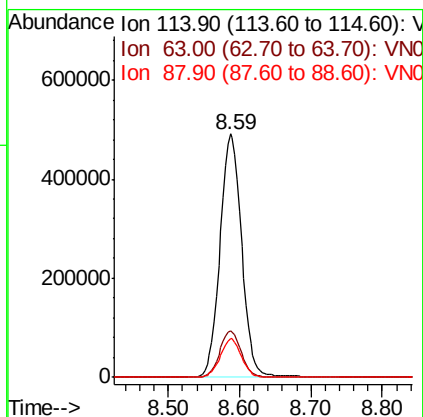
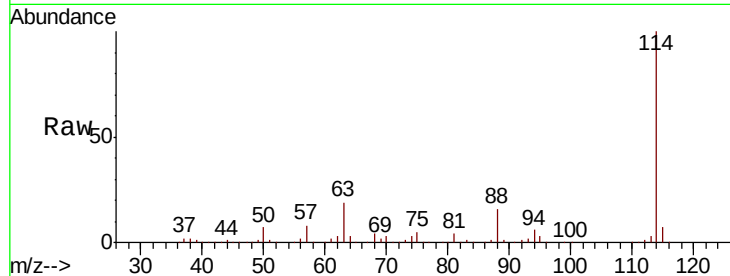
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051132.D
Acq: 11 Sep 2018 17:15

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-F

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.8
88	15.8	0.0	30.8

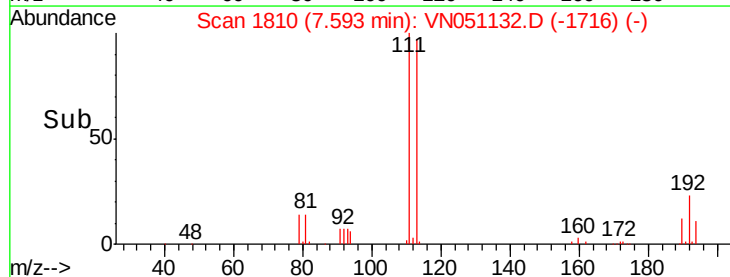
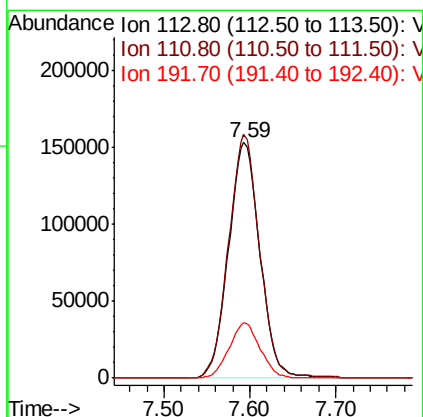
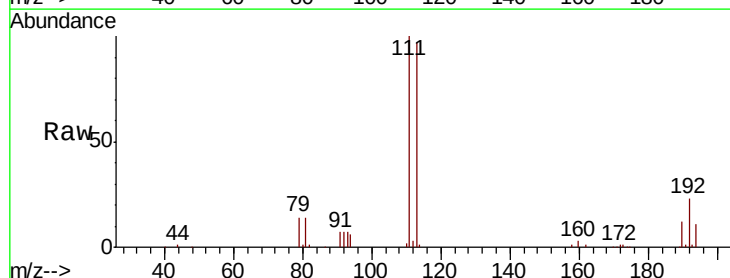
Manual Integrations
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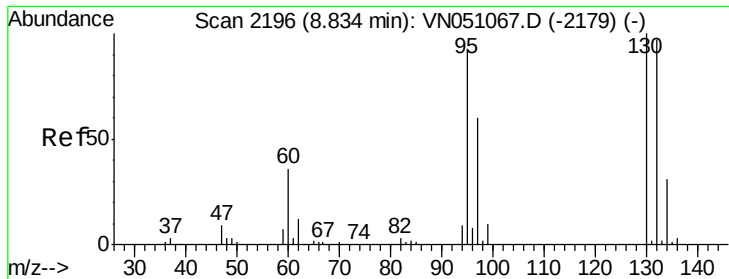
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9/12/2018 10:07:24 AM



#35
Dibromofluoromethane
Concen: 49.93 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051132.D
Acq: 11 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	23.2	18.7	28.1





#44

Trichloroethene

Concen: 0.52 ug/l

RT: 8.84 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-F

Tot Ion:130 Resp: 4852

Ion Ratio Lower Upper

130 100

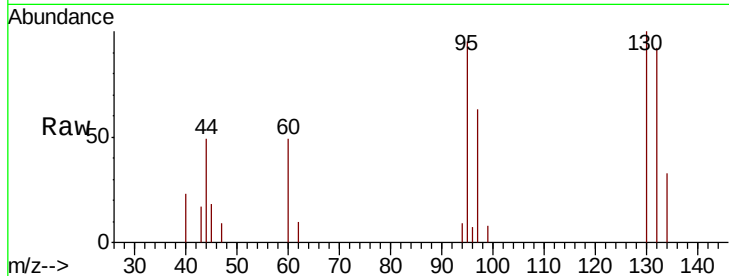
95 94.8 0.0 186.2

Manual Integrations

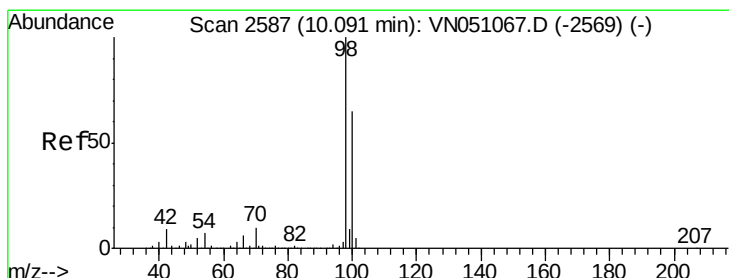
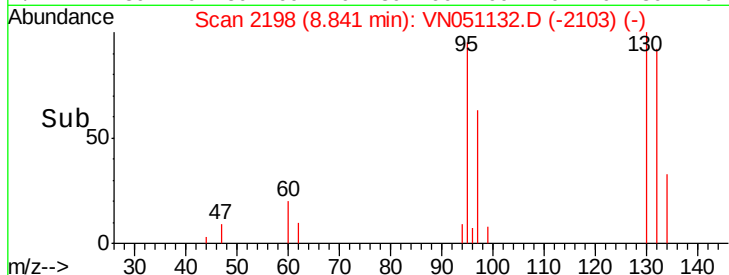
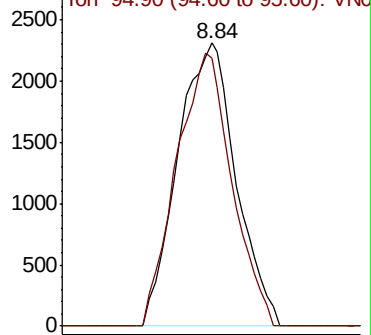
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9/12/2018 10:07:24 AM



Abundance Ion 129.80 (129.50 to 130.50): VN051067.D (-2179) (-)



#50

Toluene-d8

Concen: 48.76 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051132.D

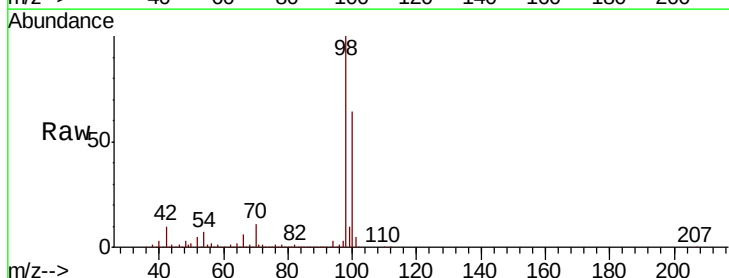
Acq: 11 Sep 2018 17:15

Tgt Ion: 98 Resp: 1440243

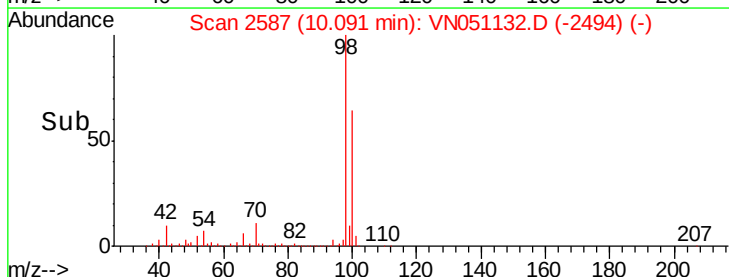
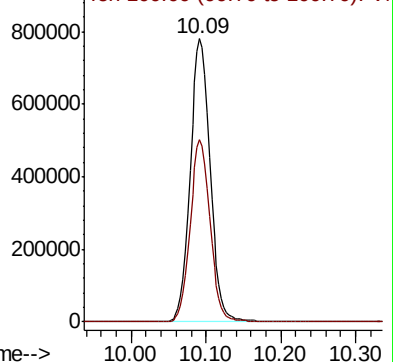
Ion Ratio Lower Upper

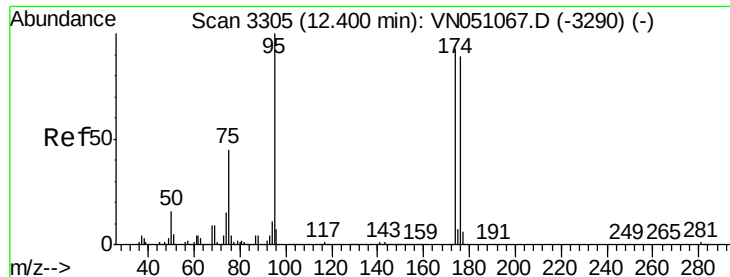
98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 50.42 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Instrument :

MSVOA_N

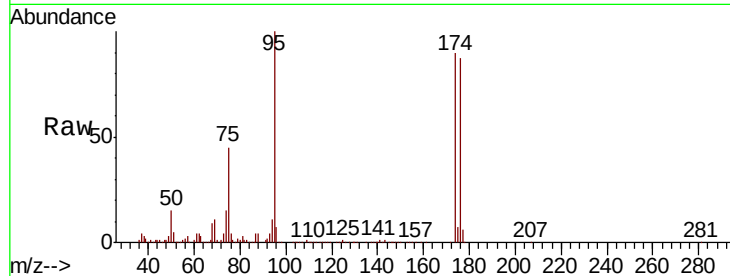
ClientSampleId :

EP1-MW-F

Tot Ion:	95	Resp:	492657
Ion Ratio	Lower	Upper	
95	100		
174	90.4	0.0	184.8
176	88.4	0.0	178.6

Manual Integrations
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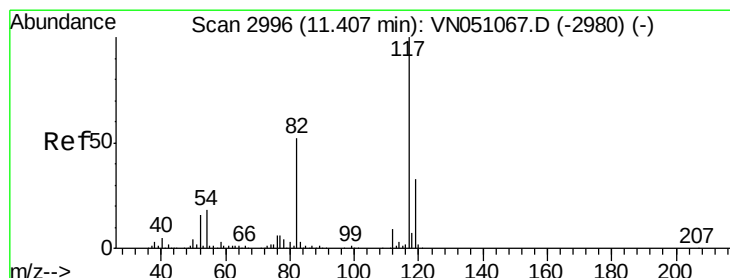
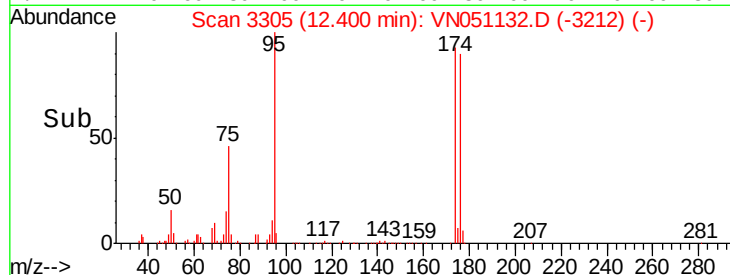
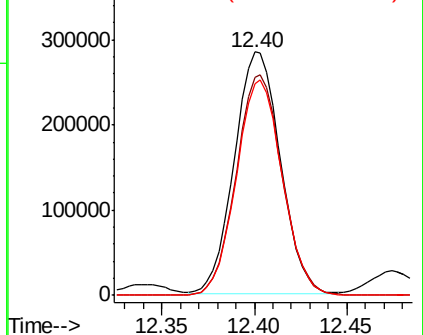


Abundance

Ion 94.90 (94.60 to 95.60): VN051067.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051067.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051067.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

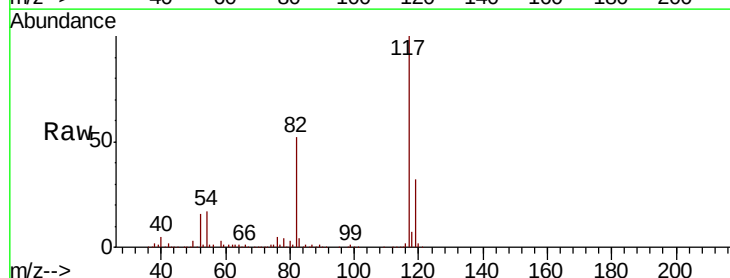
RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Tgt Ion:	117	Resp:	943184
Ion Ratio	Lower	Upper	
117	100		
82	51.4	41.8	62.6
119	31.6	26.2	39.2

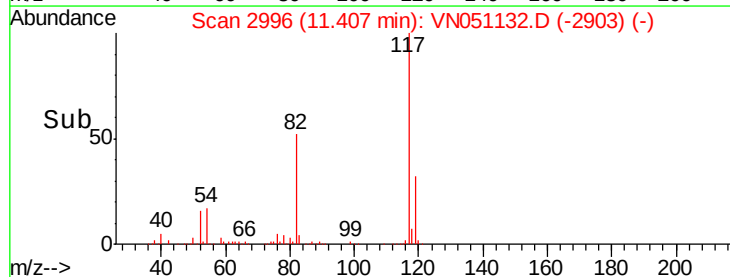
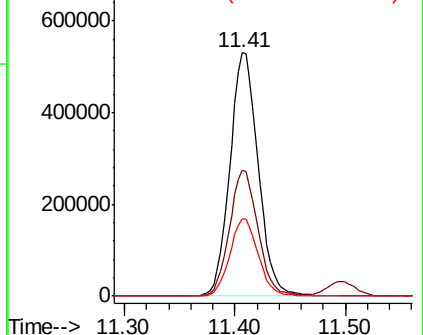


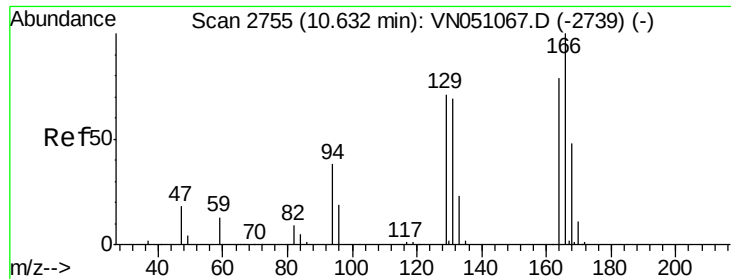
Abundance

Ion 116.90 (116.60 to 117.60): VN051067.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051067.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051067.D (-2980) (-)





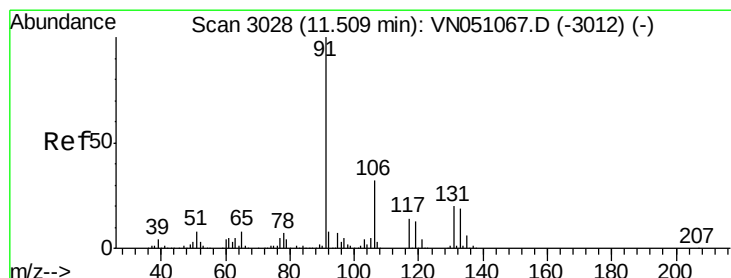
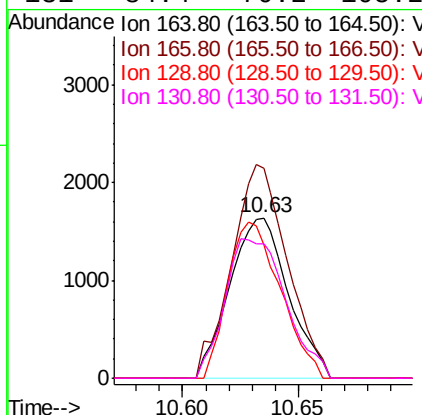
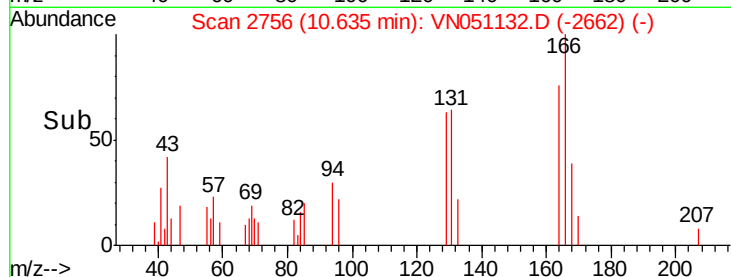
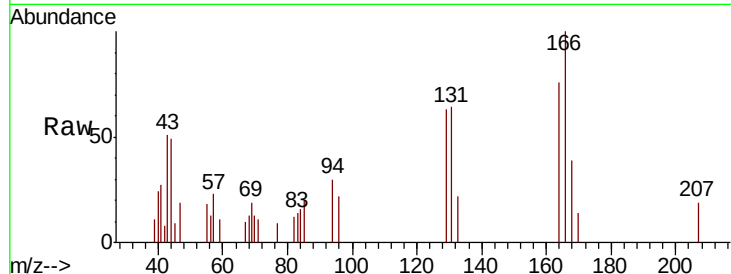
#64
Tetrachloroethene
Concen: 0.33 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN051132.D
Acq: 11 Sep 2018 17:15

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-F

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.3	151.9
129	82.9	72.2	108.2
131	84.4	70.2	105.2

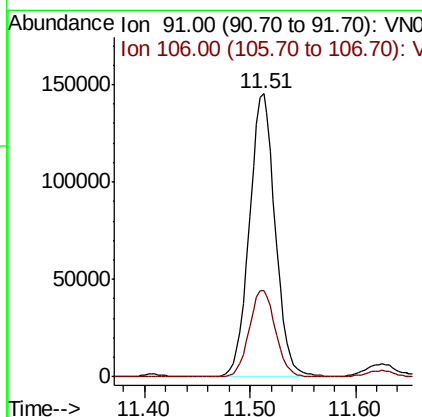
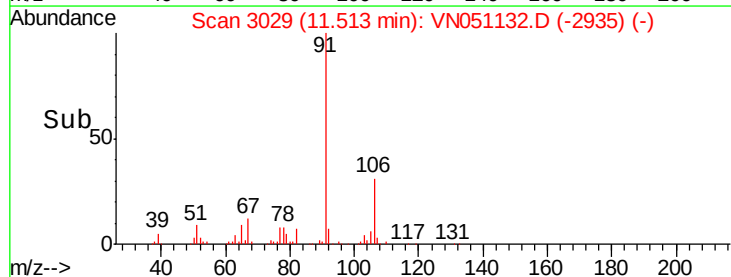
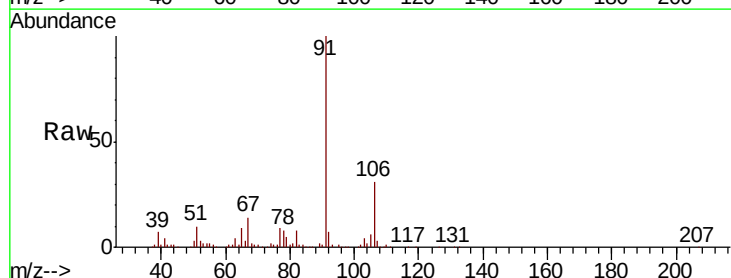
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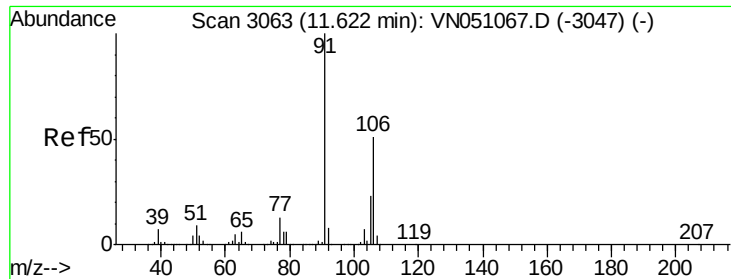
MMDadoda
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#67
Ethyl Benzene
Concen: 6.45 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051132.D
Acq: 11 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.7	25.4	38.2





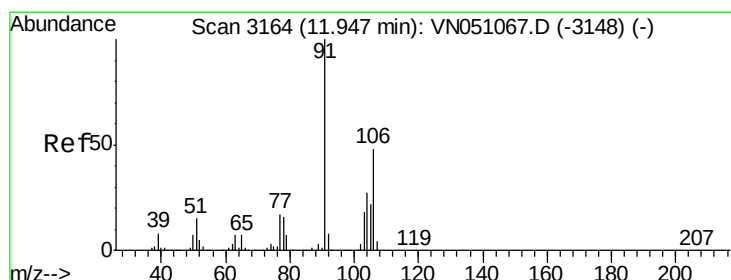
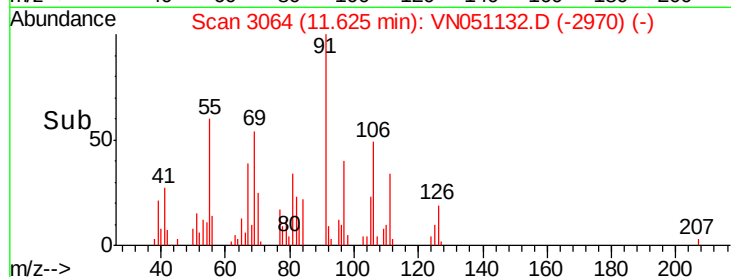
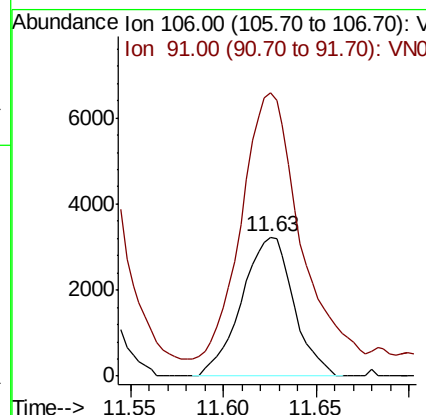
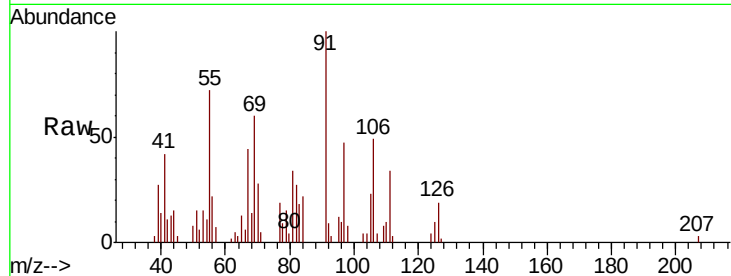
#68
m/p-Xylenes
Concen: 0.42 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051132.D
Acq: 11 Sep 2018 17:15

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-F

Tot Ion:106 Resp: 6284
Ion Ratio Lower Upper
106 100
91 215.7 159.8 239.6

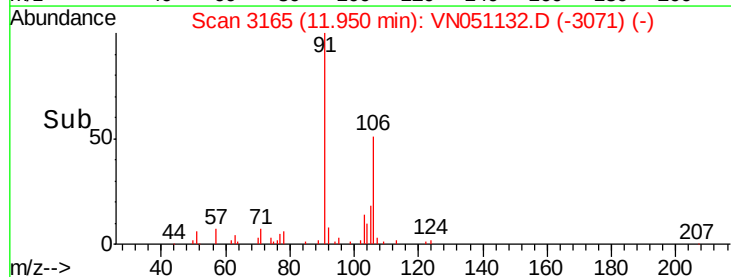
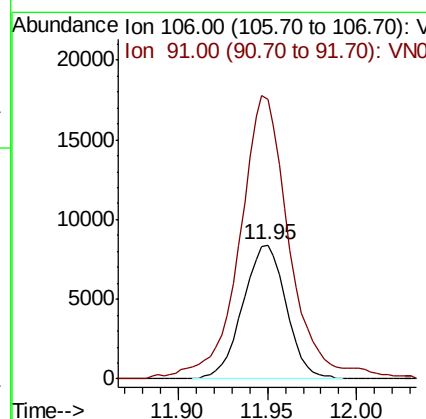
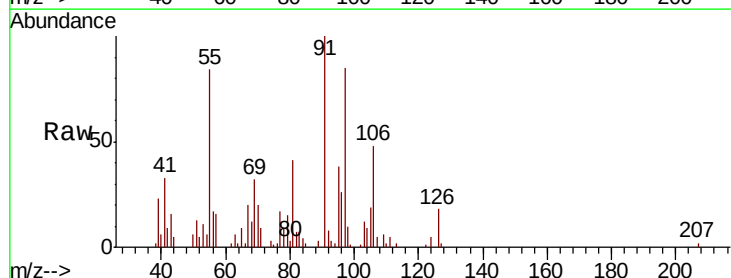
Manual Integrations
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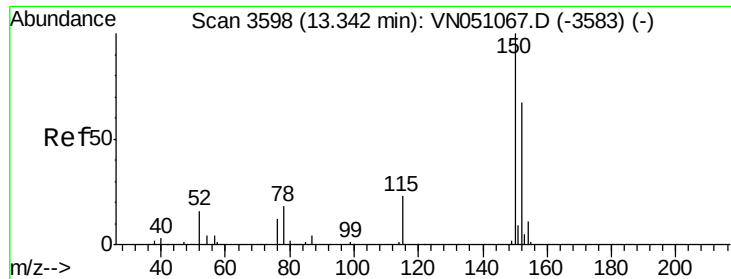
MMDadoda
9/12/2018 10:07:24 AM



#69
o-Xylene
Concen: 0.99 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051132.D
Acq: 11 Sep 2018 17:15

Tgt Ion:106 Resp: 14212
Ion Ratio Lower Upper
106 100
91 244.5 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-F

Tot Ion:152 Resp: 429518

Ion Ratio Lower Upper

152 100

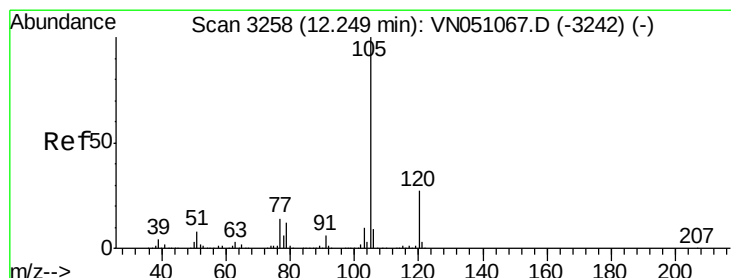
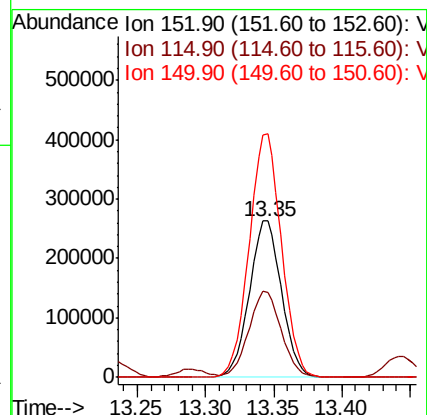
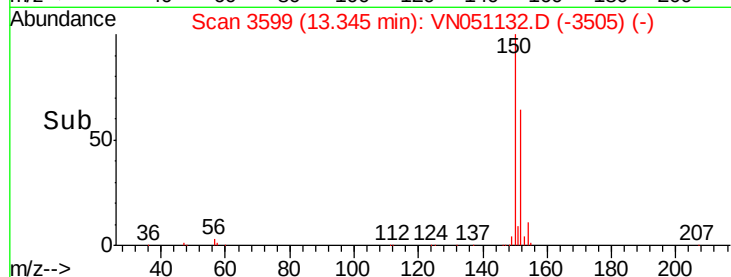
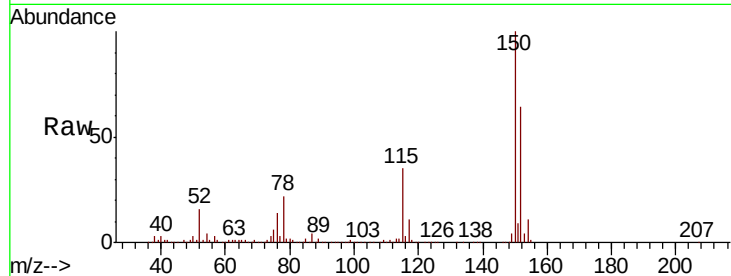
115 55.6 28.2 84.7

150 156.4 0.0 349.0

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#73

Isopropylbenzene

Concen: 96.43 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051132.D

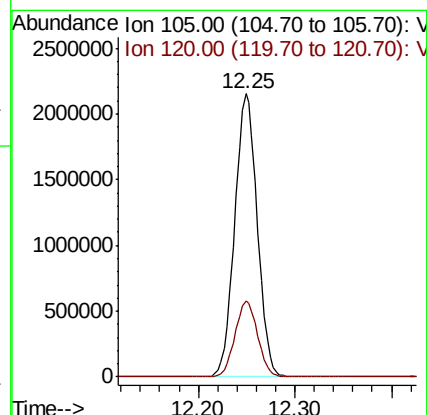
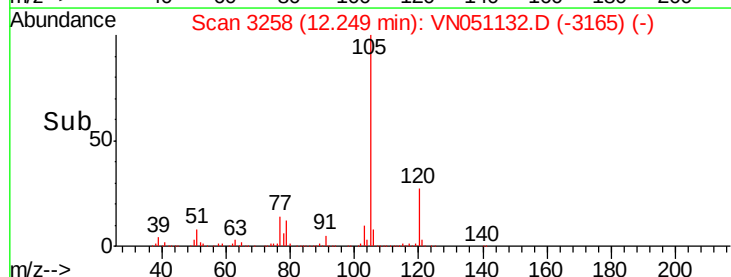
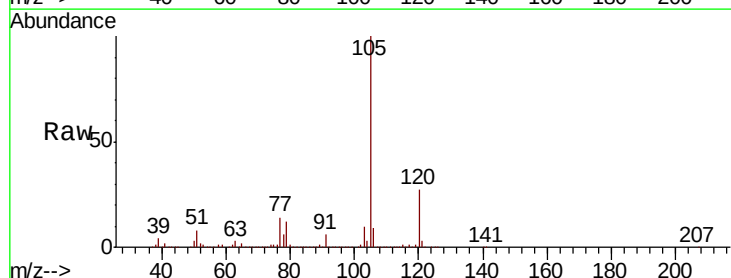
Acq: 11 Sep 2018 17:15

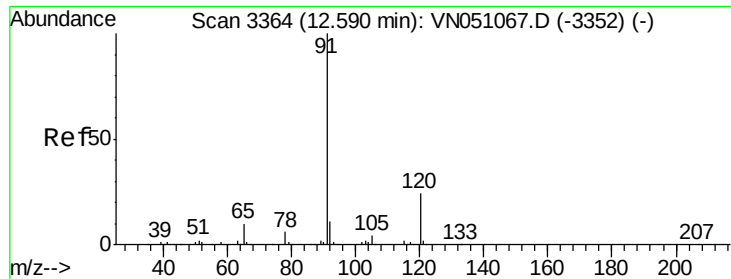
Tgt Ion:105 Resp: 3473425

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7





#78

n-propylbenzene

Concen: 178.72 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-F

Tot Ion: 91 Resp: 7076024

Ion Ratio Lower Upper

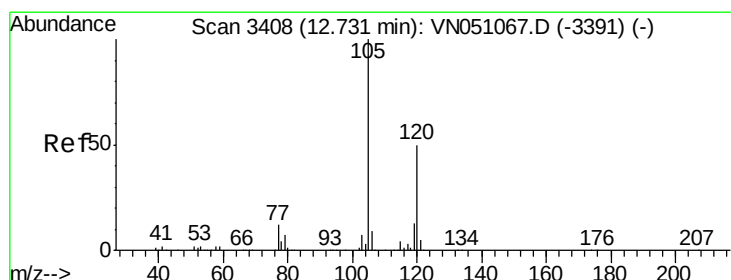
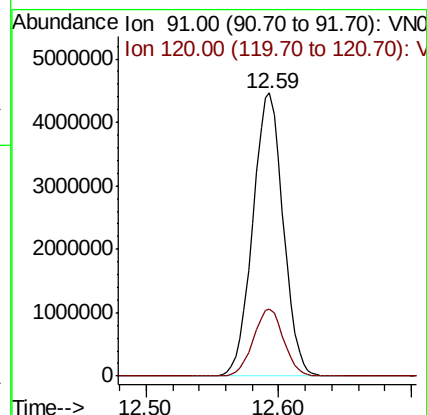
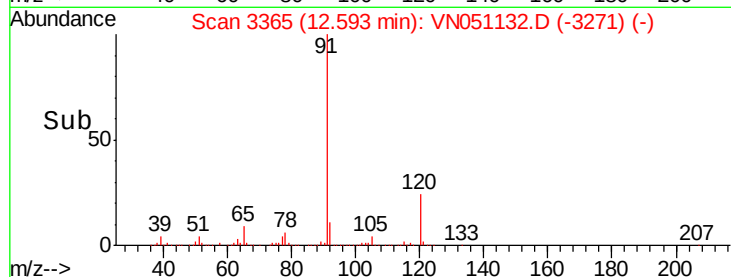
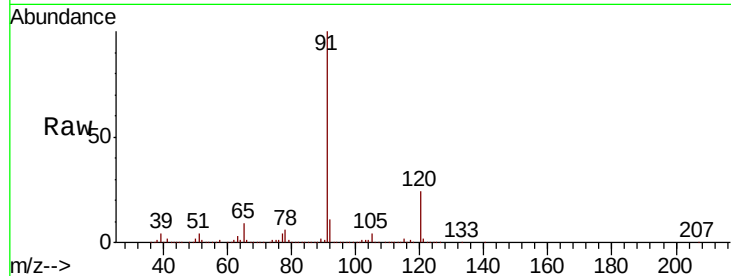
91 100

120 23.7 12.0 36.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 6.16 ug/l m

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051132.D

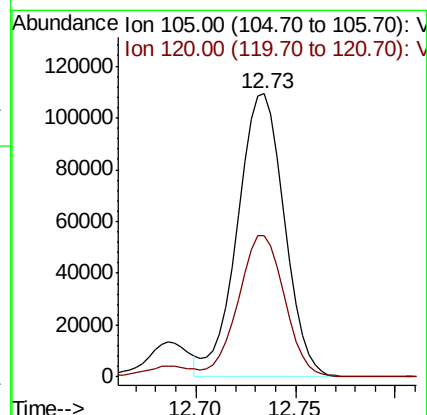
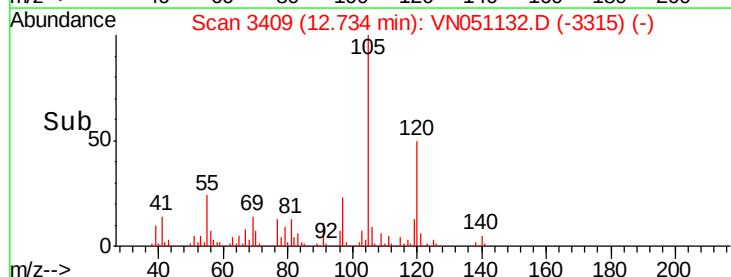
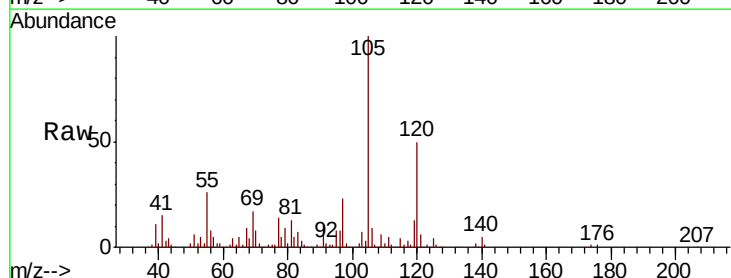
Acq: 11 Sep 2018 17:15

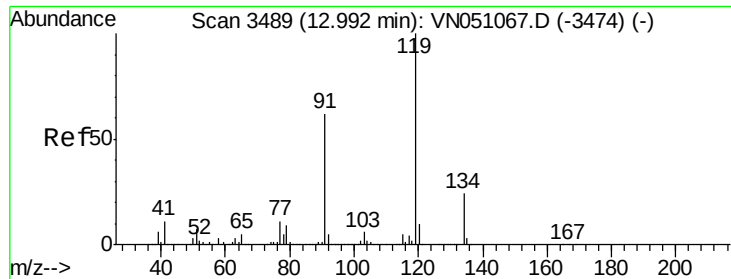
Tgt Ion:105 Resp: 179376

Ion Ratio Lower Upper

105 100

120 933.5 24.9 74.6#





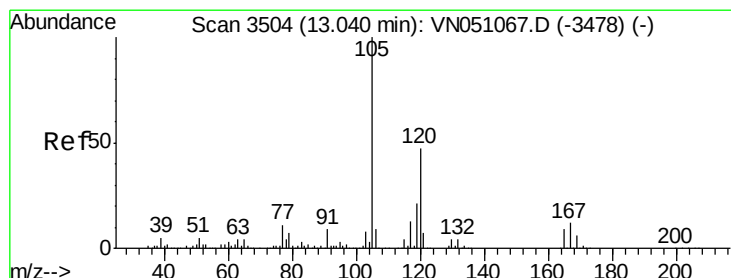
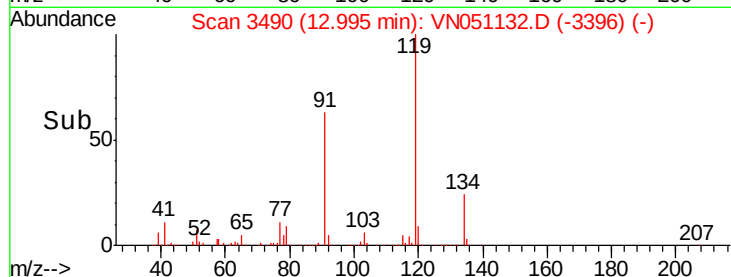
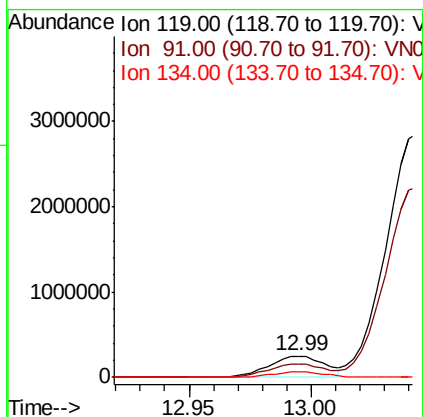
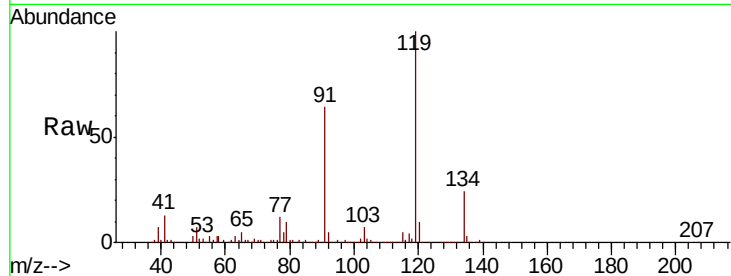
#83
 tert-Butylbenzene
 Concen: 15.60 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051132.D
 Acq: 11 Sep 2018 17:15

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-F

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	30.8	92.3
134	24.6	13.2	39.6

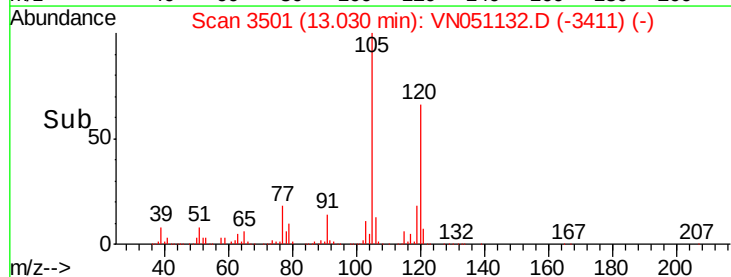
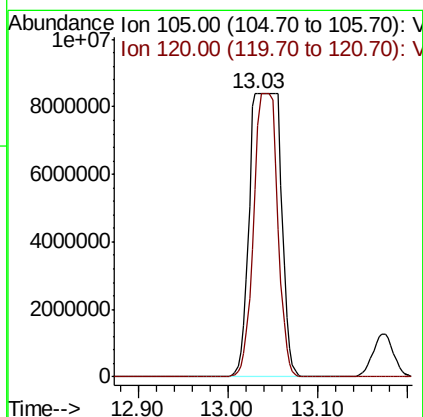
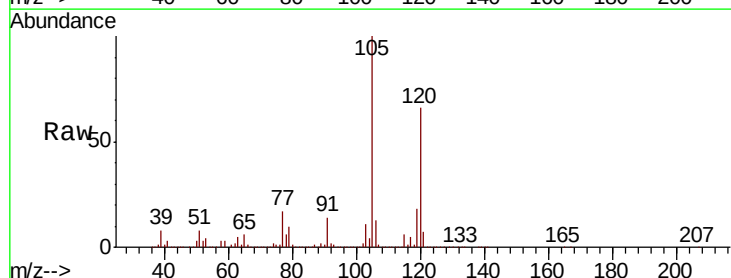
Manual Integrations
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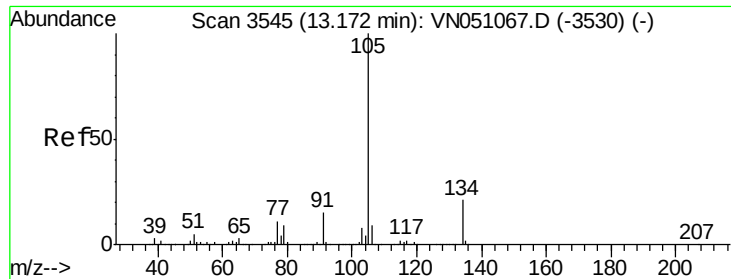
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#84
 1,2,4-Trimethylbenzene
 Concen: 717.66 ug/l m
 RT: 13.03 min Scan# 3501
 Delta R.T. -0.01 min
 Lab File: VN051132.D
 Acq: 11 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.3	69.8





#85

sec-Butylbenzene

Concen: 62.13 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-F

Tot Ion:105 Resp: 2048536

Ion Ratio Lower Upper

105 100

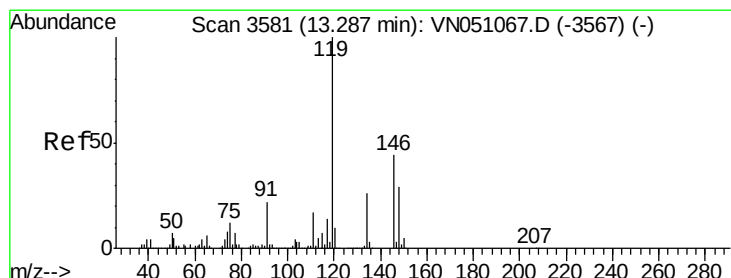
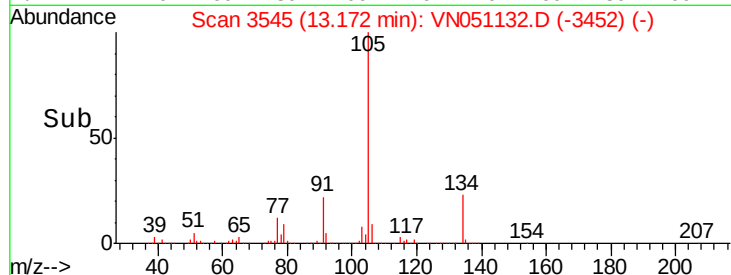
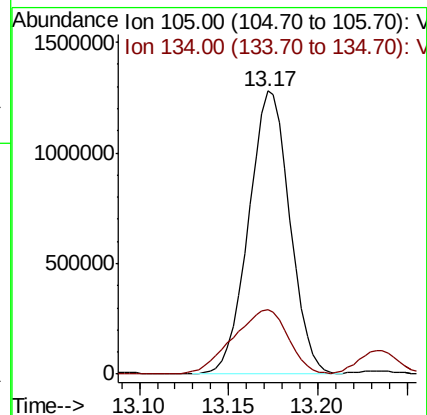
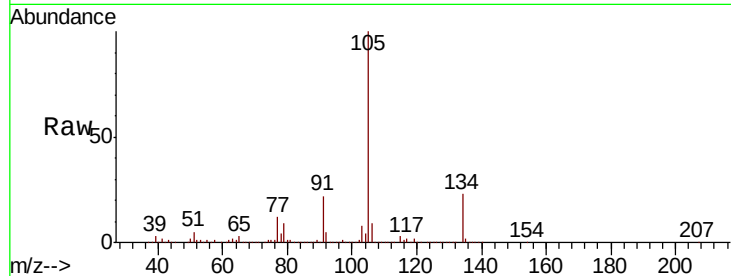
134 30.7 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 9.91 ug/l m

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

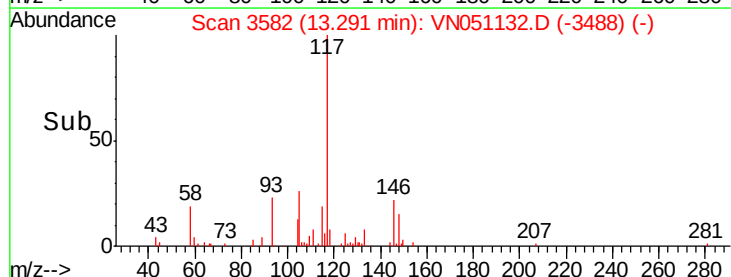
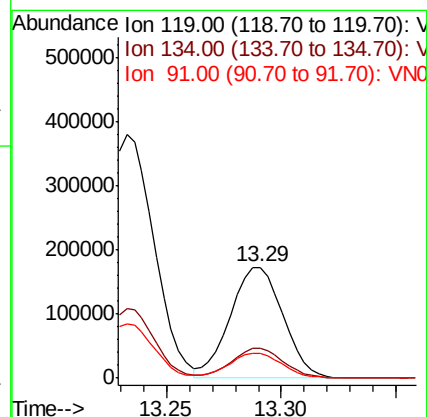
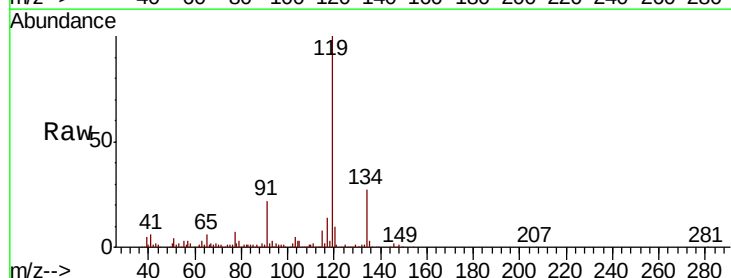
Tgt Ion:119 Resp: 276932

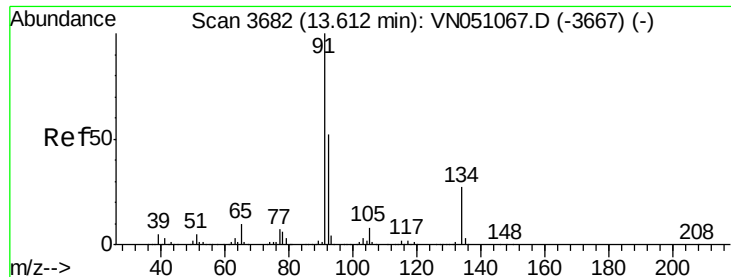
Ion Ratio Lower Upper

119 100

134 60.5 13.5 40.4#

91 44.0 10.9 32.9#





#89

n-Butylbenzene

Concen: 31.03 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Instrument :

MSVOA_N

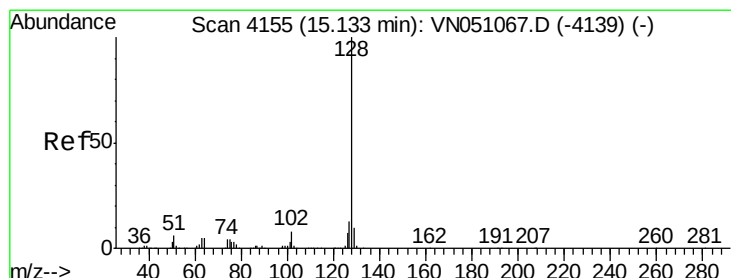
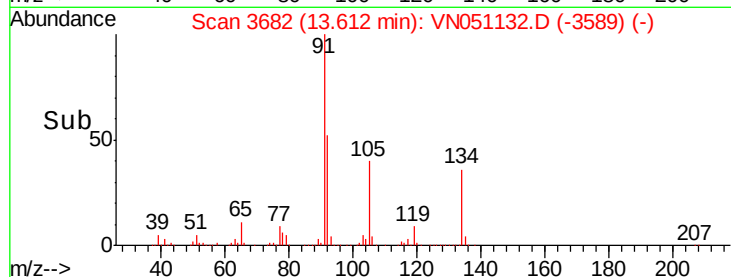
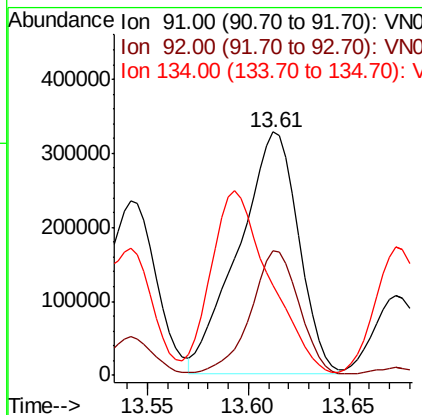
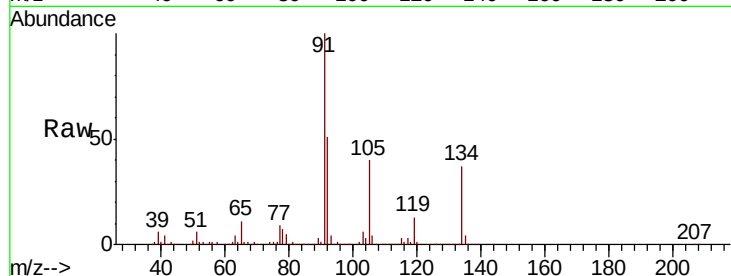
ClientSampled :

EP1-MW-F

Tot Ion:	91	Resp:	675221
Ion Ratio	Lower	Upper	
91	100		
92	41.5	26.2	78.6
134	72.1	13.7	41.1#

Manual Integrations
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#95

Naphthalene

Concen: 8.43 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN051132.D

Acq: 11 Sep 2018 17:15

Tgt Ion:	128	Resp:	55795
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.6	15.8
129	10.4	8.6	12.8

