

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049689.D
 Acq On : 3 Jul 2018 13:19
 Operator : MD\SY
 Sample : J3811-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

sam
 7/5/2018 2:26:44 PM

Quant Time: Jul 05 09:15:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1281559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2038081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1727483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	905733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	894377	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	7.59	113	712178	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	10.09	98	2780470	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
62) 4-Bromofluorobenzene	12.40	95	933896	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	32966	1.765	ug/l	89
27) cis-1,2-Dichloroethene	6.83	96	230502	13.320	ug/l	89
44) Trichloroethene	8.84	130	109201	5.172	ug/l	99
64) Tetrachloroethene	10.63	164	26444	1.131	ug/l	96
67) Ethyl Benzene	11.52	91	201444	2.704	ug/l	99
68) m/p-Xylenes	11.62	106	635112	22.247	ug/l	99
69) o-Xylene	11.95	106	981603	35.913	ug/l	98
73) Isopropylbenzene	12.25	105	1048721	14.536	ug/l	99
78) n-propylbenzene	12.60	91	2957518	35.768	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	12018343	200.467	ug/l	99
83) tert-Butylbenzene	13.00	119	196775	3.821	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	21282535m	345.477	ug/l	
85) sec-Butylbenzene	13.17	105	917982	13.453	ug/l #	77
86) p-Isopropyltoluene	13.29	119	940091	15.906	ug/l	99
89) n-Butylbenzene	13.62	91	255631m	5.052	ug/l	
95) Naphthalene	15.14	128	286784	11.207	ug/l	99

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

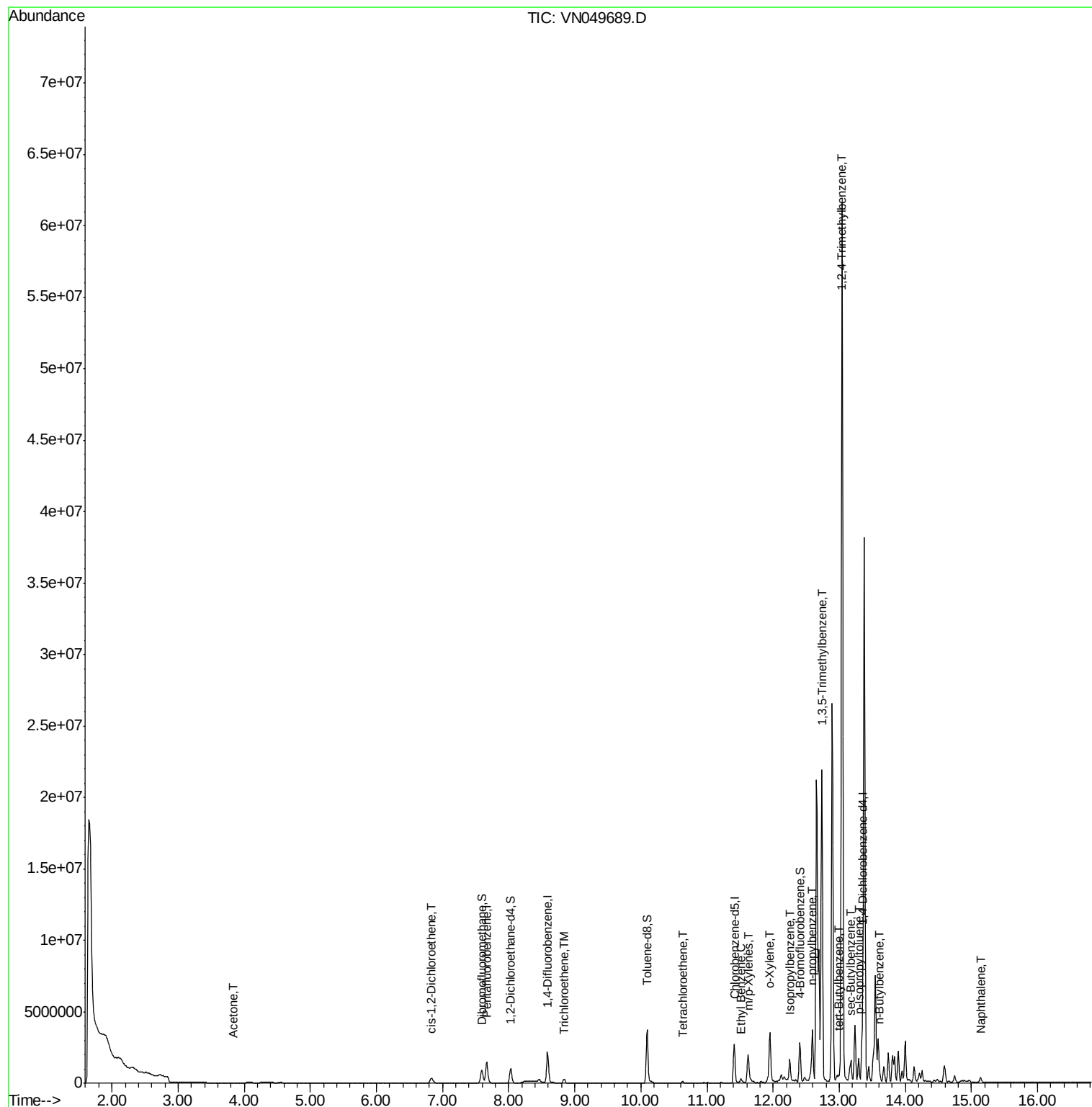
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
Data File : VN049689.D
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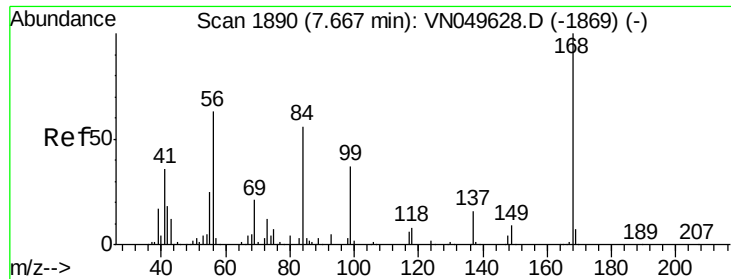
Instrument :
MSVOA_N
ClientSampleId :
MW-4

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Quant Time: Jul 05 09:15:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

Instrument :

MSVOA_N

ClientSampled :

MW-4

Tot Ion:168 Resp: 1281559

Ion Ratio Lower Upper

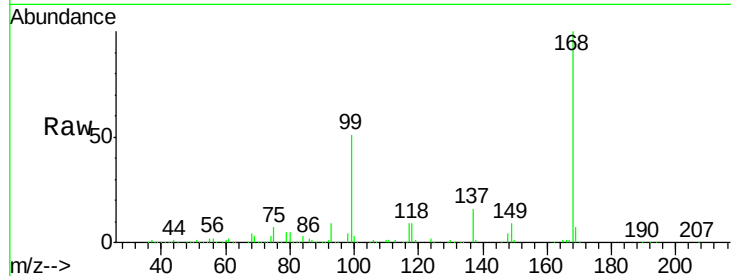
168 100

99 50.7 40.6 61.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

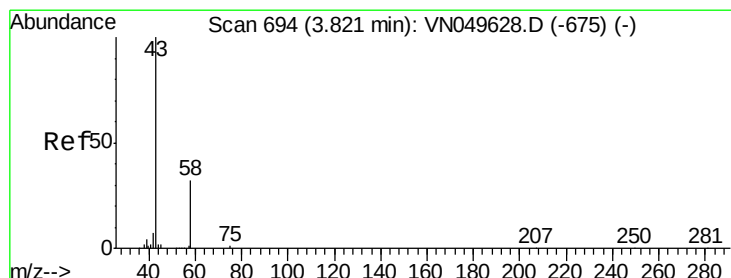
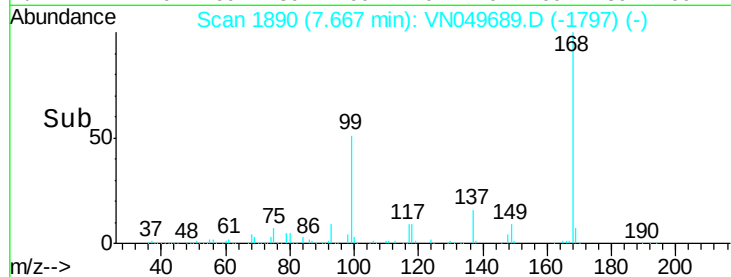
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.765 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049689.D

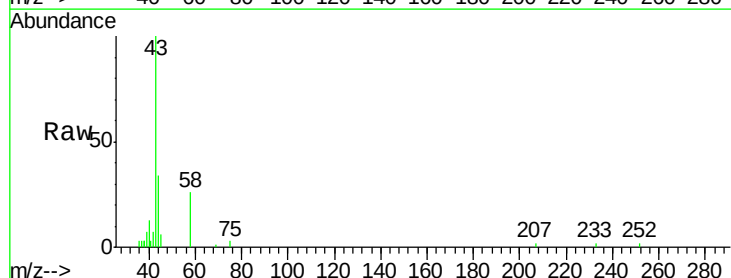
Acq: 3 Jul 2018 13:19

Tgt Ion: 43 Resp: 32966

Ion Ratio Lower Upper

43 100

58 26.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

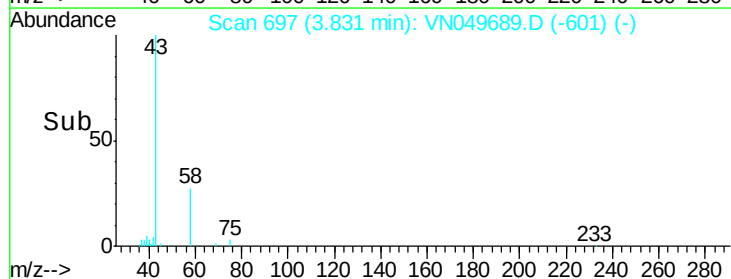
3.83

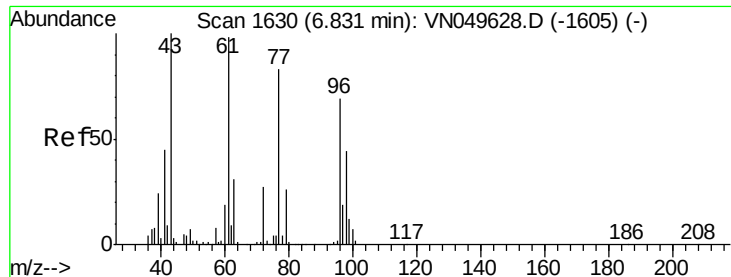
10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 13.320 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

Instrument :

MSVOA_N

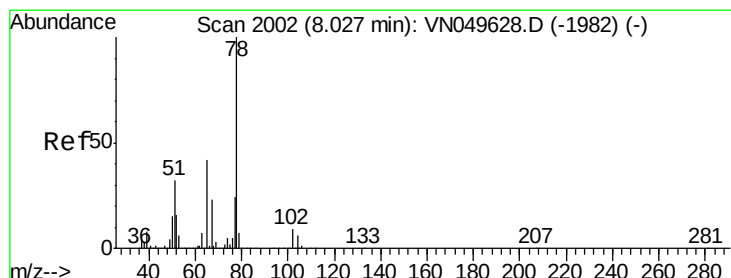
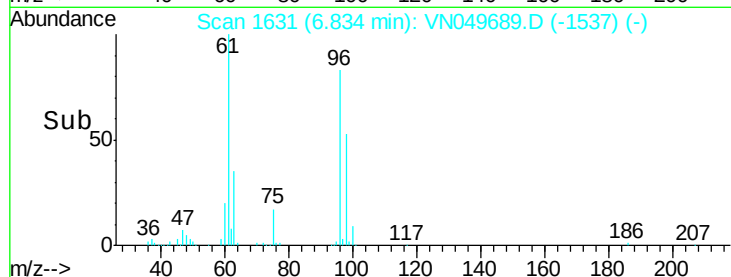
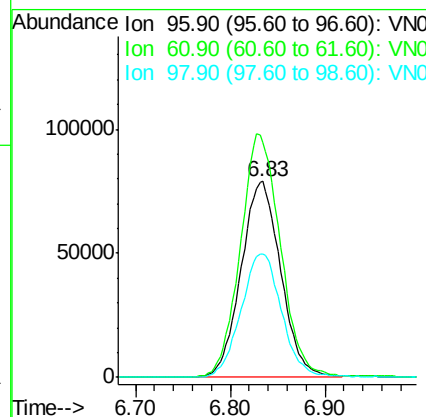
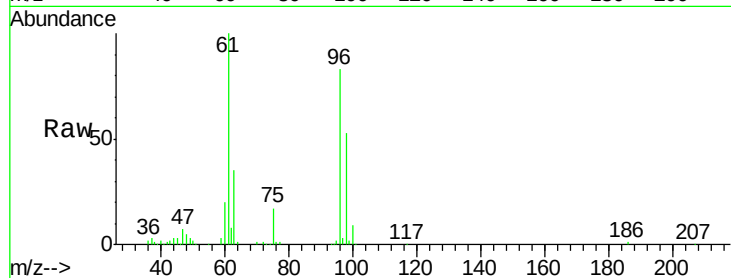
ClientSampled :

MW-4

Tot Ion:	96	Resp:	230502
Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	289.0
98	64.3	0.0	130.2

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#33

1,2-Dichloroethane-d4

Concen: 52.846 ug/l

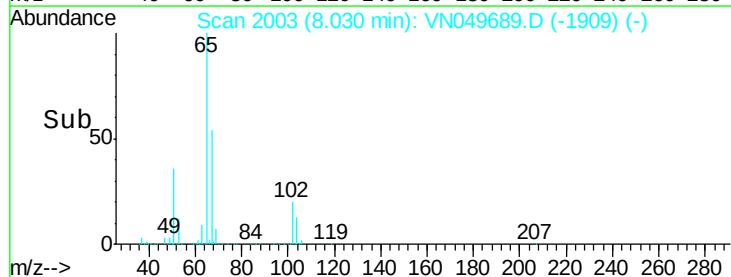
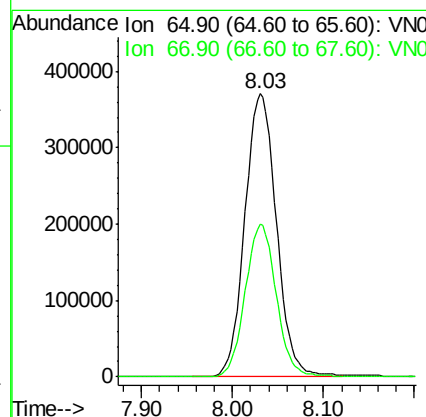
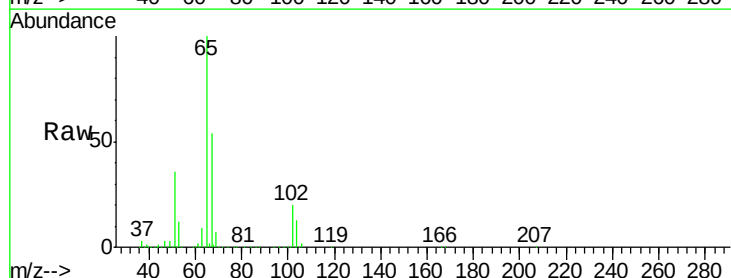
RT: 8.03 min Scan# 2003

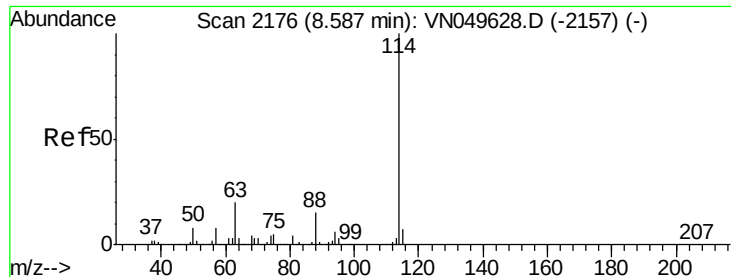
Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

Tgt Ion:	65	Resp:	894377
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

Instrument :

MSVOA_N

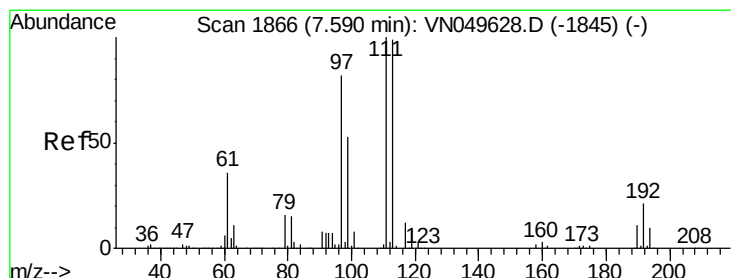
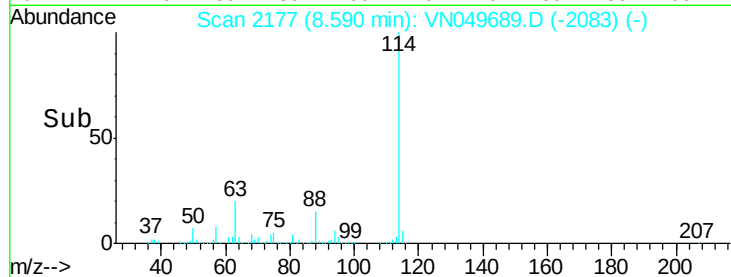
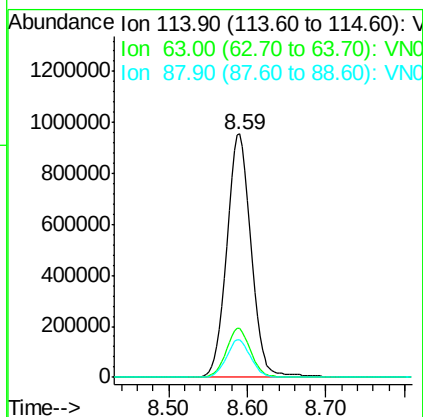
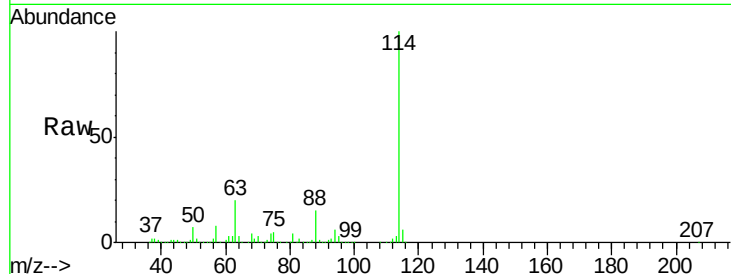
ClientSampleId :

MW-4

Tot Ion:	114	Resp:	2038081
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	15.2	0.0	30.6

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#35

Dibromofluoromethane

Concen: 46.741 ug/l

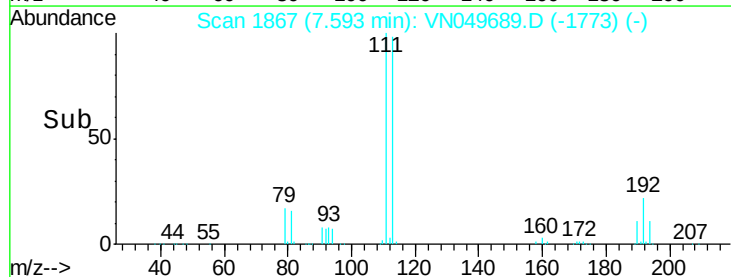
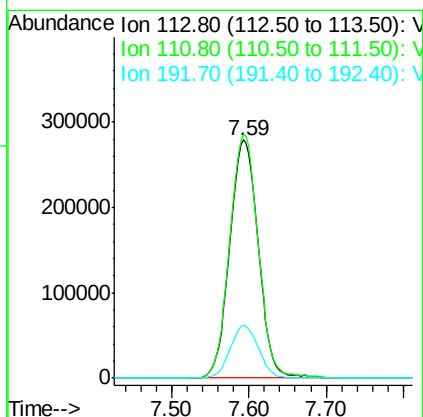
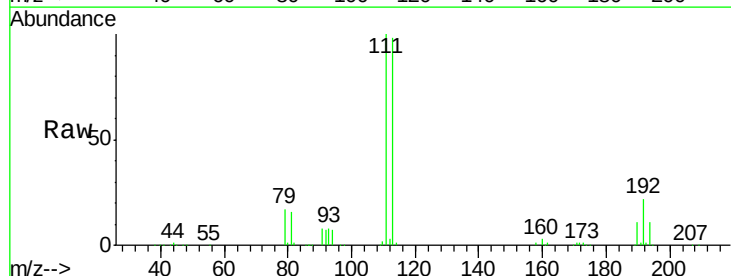
RT: 7.59 min Scan# 1867

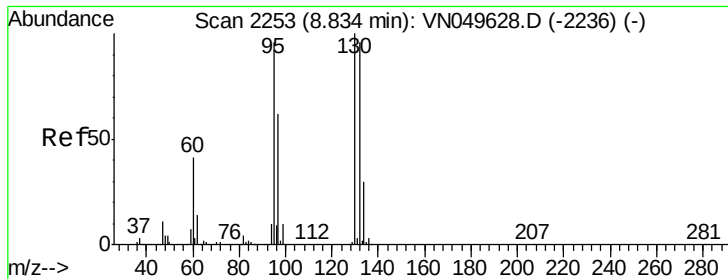
Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

Tgt Ion:	113	Resp:	712178
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	22.0	17.8	26.6





#44

Trichloroethene

Concen: 5.172 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

Instrument :

MSVOA_N

ClientSampled :

MW-4

Tot Ion:130 Resp: 109201

Ion Ratio Lower Upper

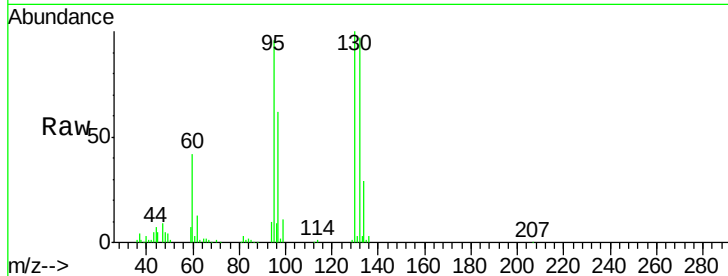
130 100

95 95.7 0.0 192.8

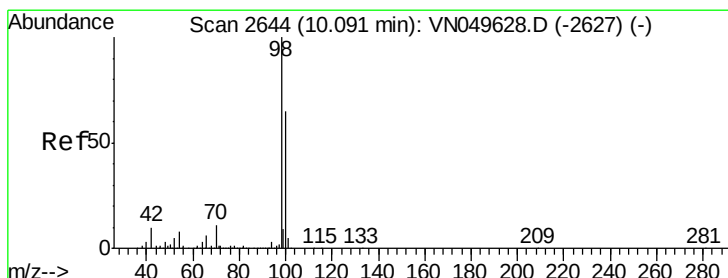
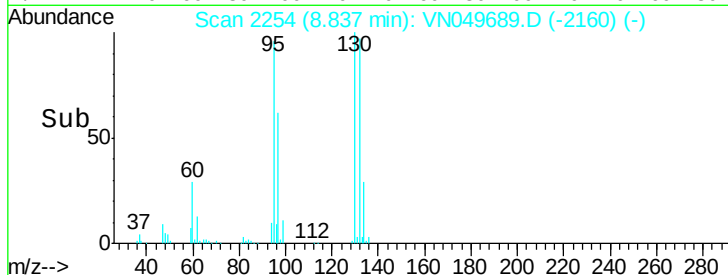
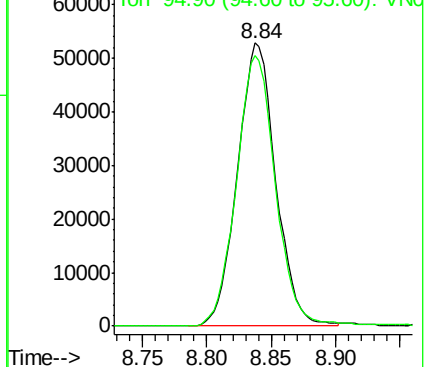
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Abundance Ion 129.80 (129.50 to 130.50): VN049628.D (-2236) (-)



#50

Toluene-d8

Concen: 46.621 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049689.D

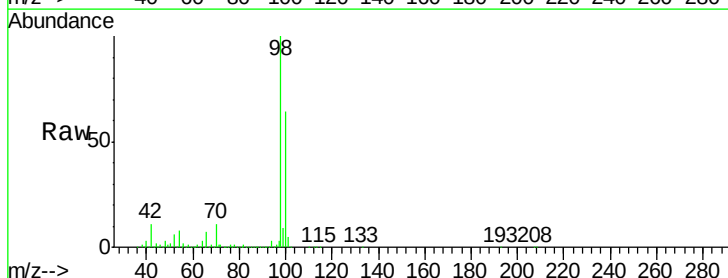
Acq: 3 Jul 2018 13:19

Tgt Ion: 98 Resp: 2780470

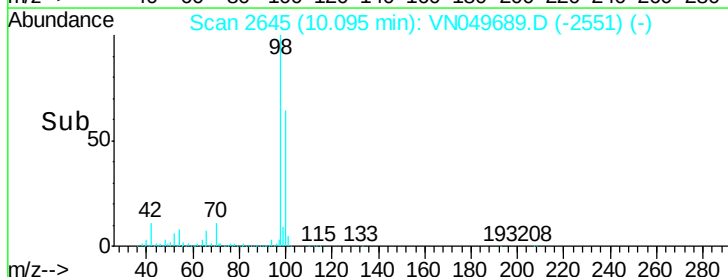
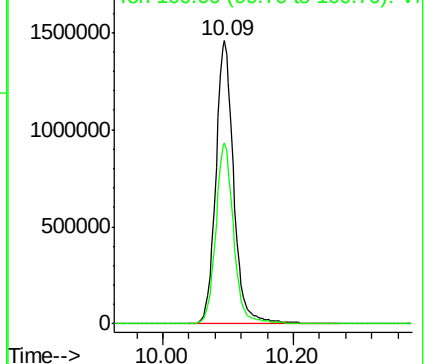
Ion Ratio Lower Upper

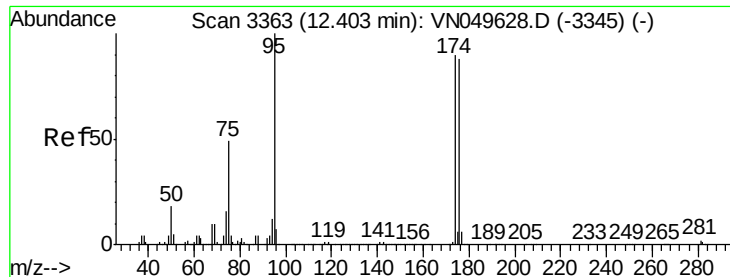
98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049628.D (-2627) (-)





#62

4-Bromofluorobenzene

Concen: 45.865 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

Instrument :

MSVOA_N

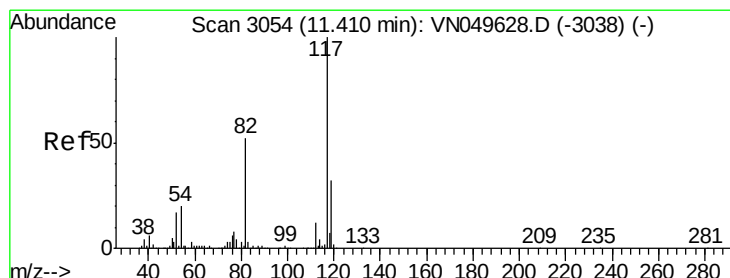
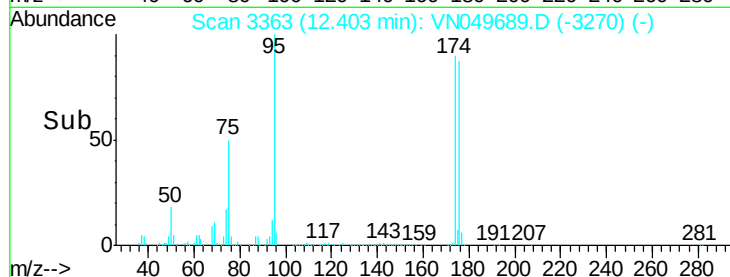
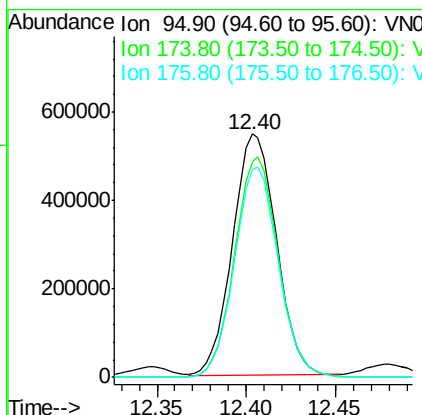
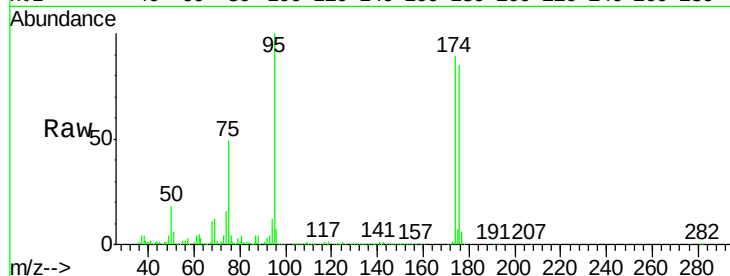
ClientSampled :

MW-4

Tot Ion:	95	Resp:	933896
Ion Ratio	Lower	Upper	
95	100		
174	91.2	0.0	179.6
176	87.2	0.0	174.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

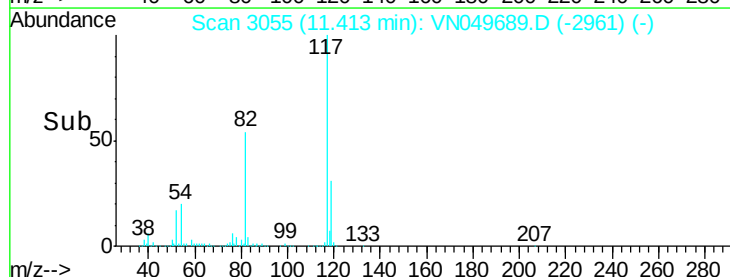
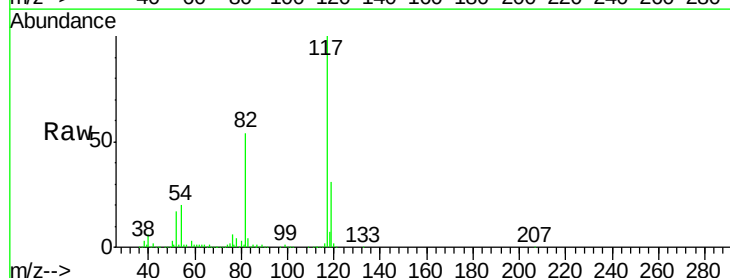
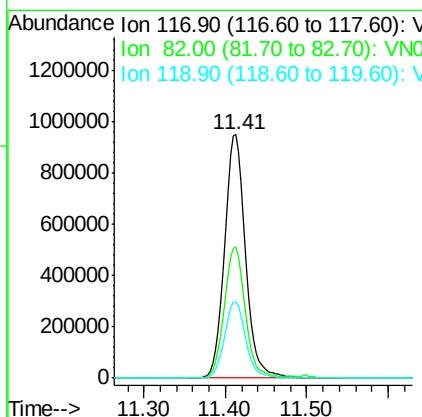
RT: 11.41 min Scan# 3055

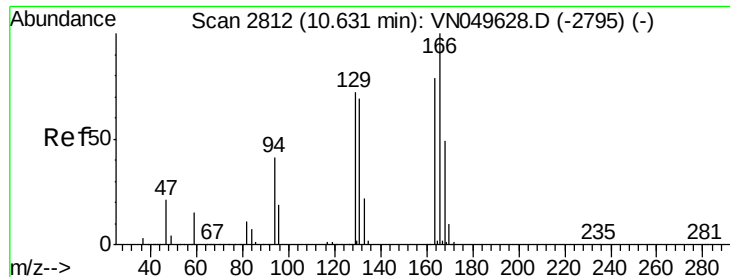
Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

Tgt Ion:	117	Resp:	1727483
Ion Ratio	Lower	Upper	
117	100		
82	53.6	41.9	62.9
119	31.4	25.4	38.2





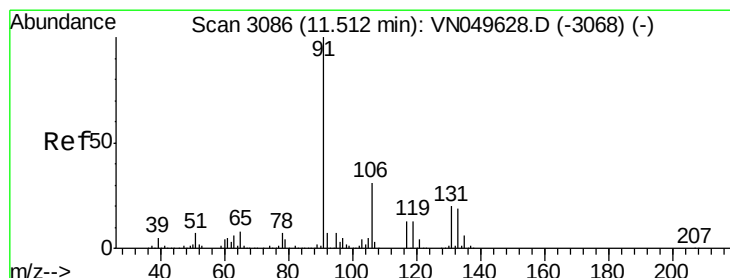
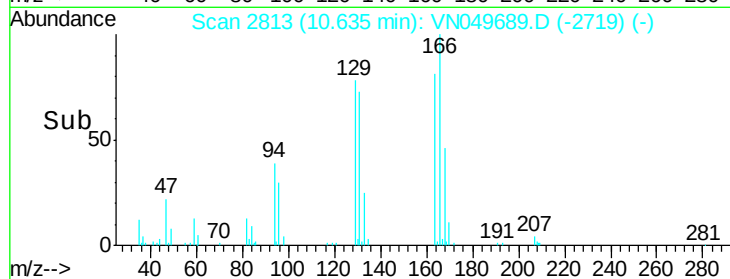
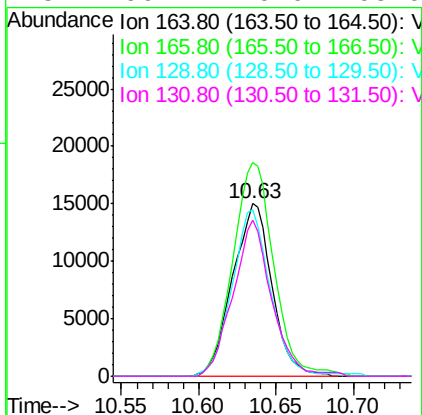
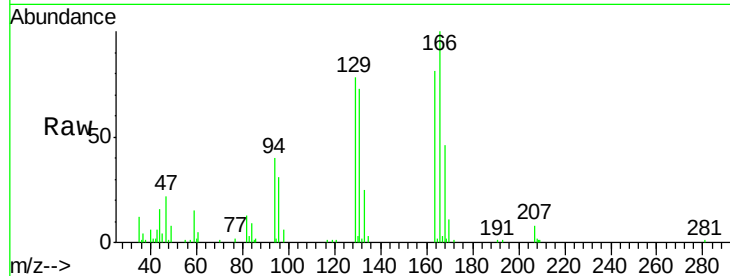
#64
Tetrachloroethene
Concen: 1.131 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049689.D
Acq: 3 Jul 2018 13:19

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.0	101.8	152.6
129	96.7	72.8	109.2
131	90.7	70.0	105.0

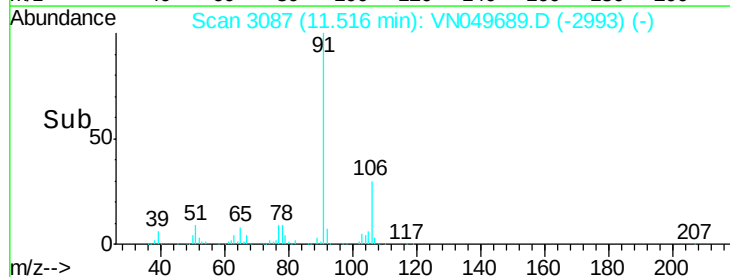
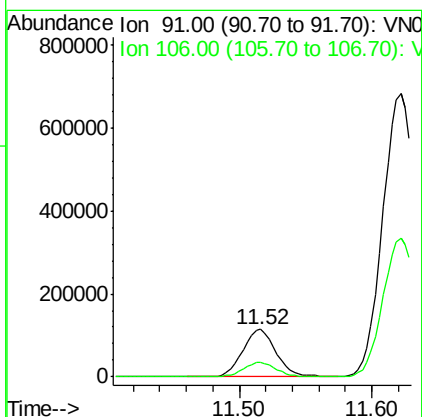
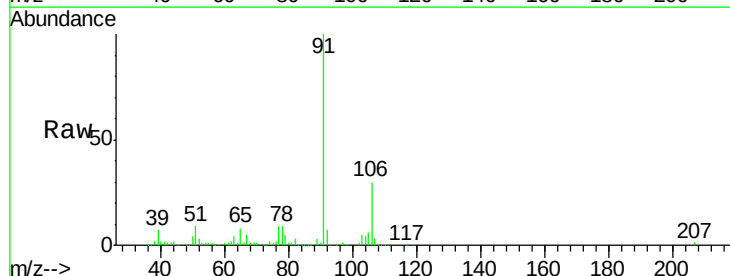
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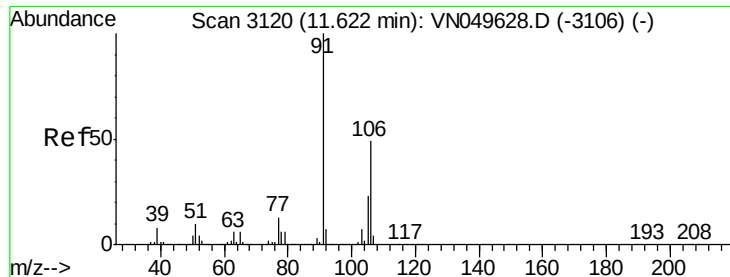
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#67
Ethyl Benzene
Concen: 2.704 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN049689.D
Acq: 3 Jul 2018 13:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.8	37.2





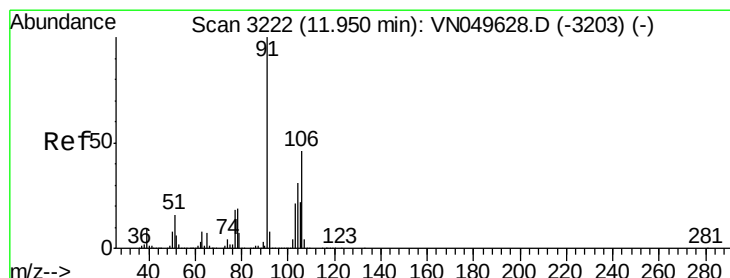
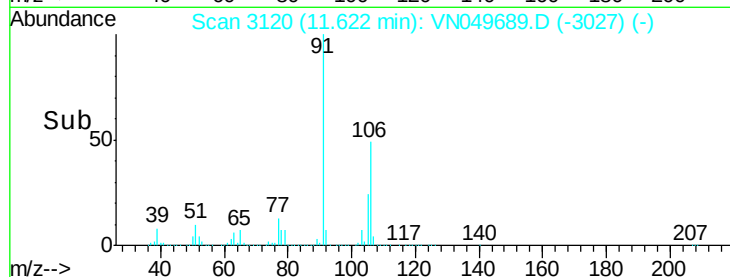
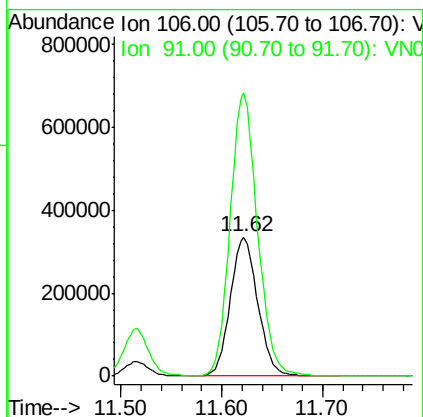
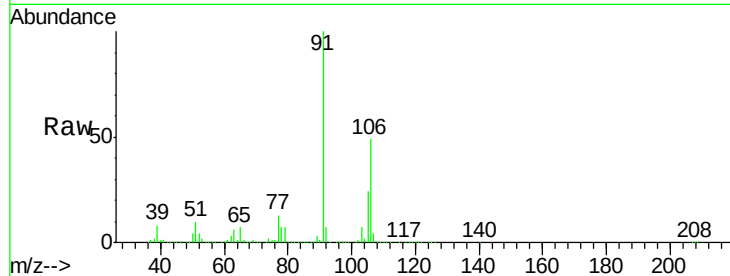
#68
m/p-Xylenes
Concen: 22.247 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049689.D
Acq: 3 Jul 2018 13:19

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		635112		
91	202.4	163.4	245.2		

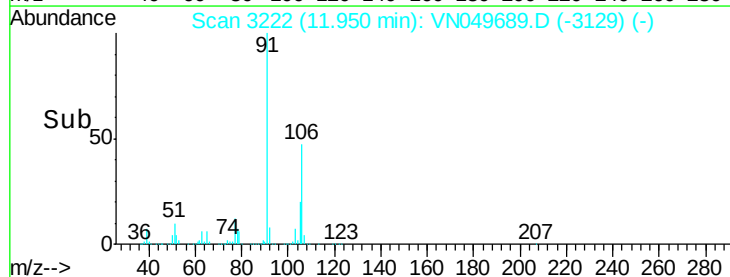
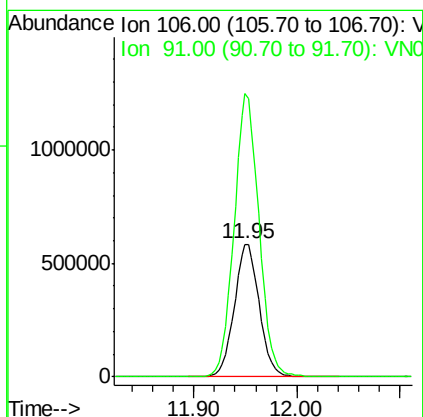
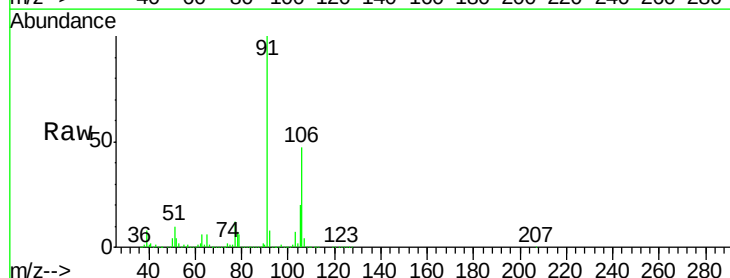
Manual Integrations
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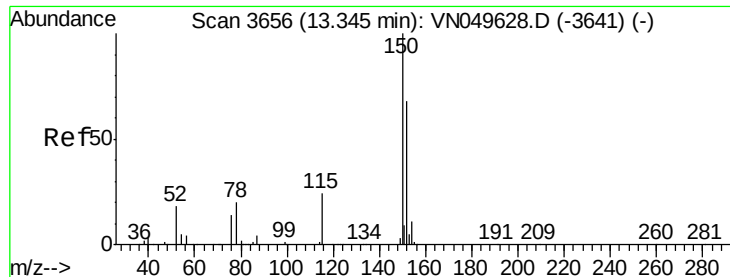
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#69
o-Xylene
Concen: 35.913 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049689.D
Acq: 3 Jul 2018 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		981603		
91	214.0	108.7	326.1		





#72

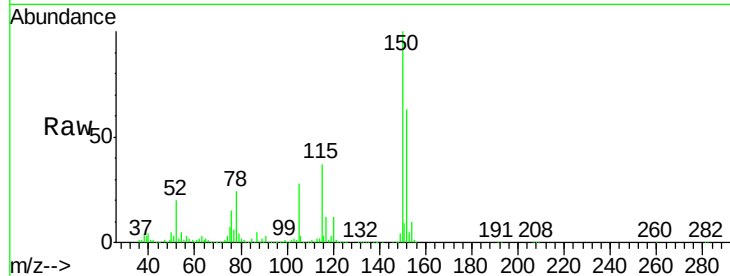
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049689.D
Acq: 3 Jul 2018 13:19

Instrument :
MSVOA_N
ClientSampled :
MW-4

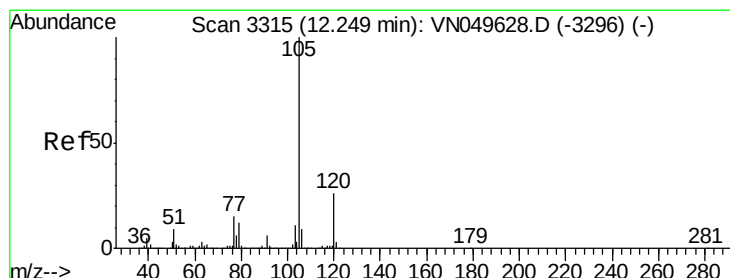
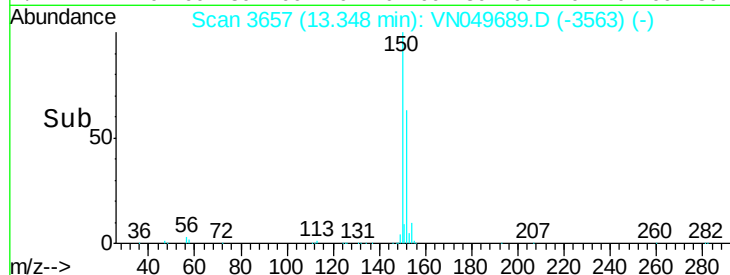
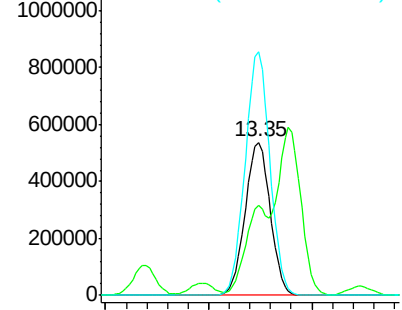
Tot Ion	Ratio	Lower	Upper
152	100		
115	49.3	28.1	84.2
150	156.6	0.0	347.6

Manual Integrations
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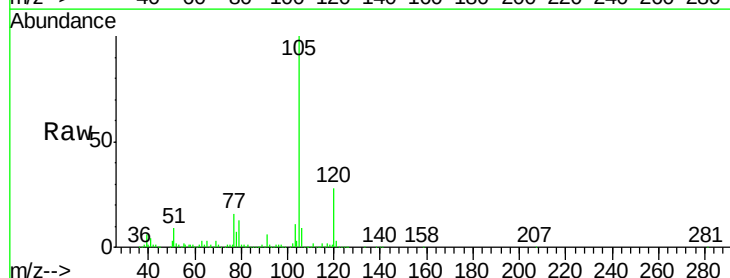
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



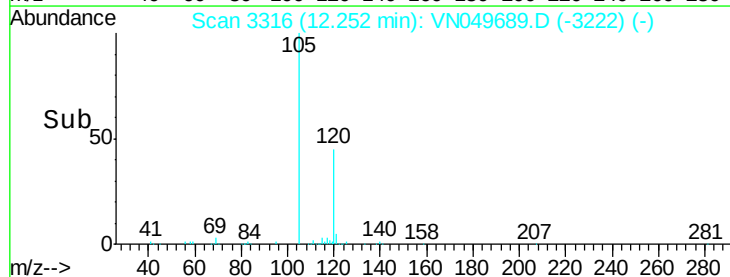
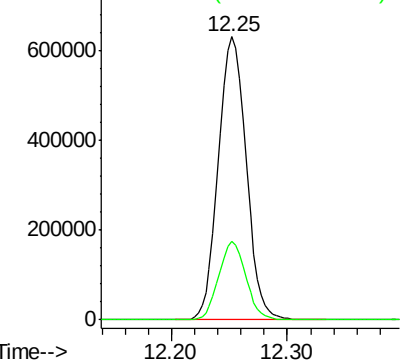
#73

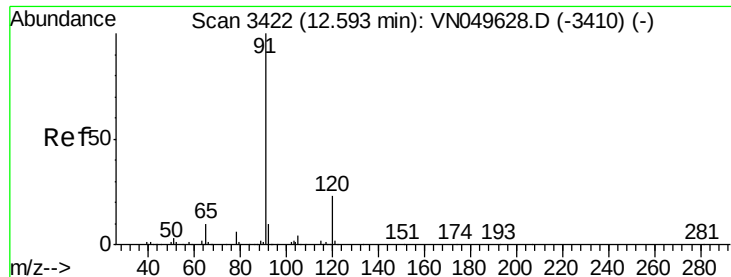
Isopropylbenzene
Concen: 14.536 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049689.D
Acq: 3 Jul 2018 13:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 35.768 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

Instrument :

MSVOA_N

ClientSampled :

MW-4

Tot Ion: 91 Resp: 2957518

Ion Ratio Lower Upper

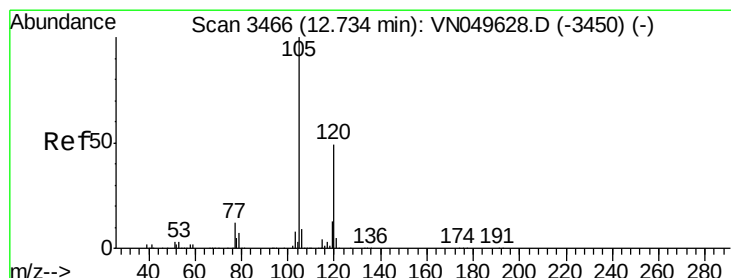
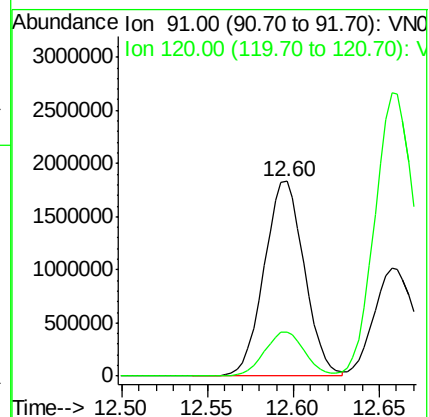
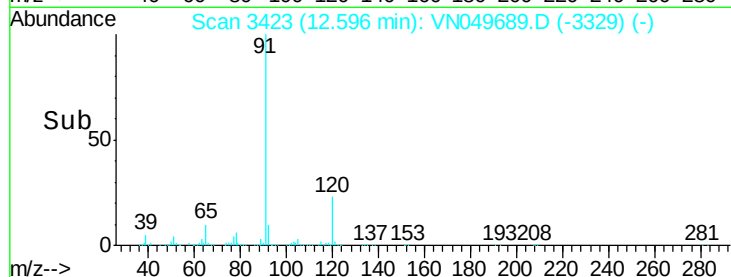
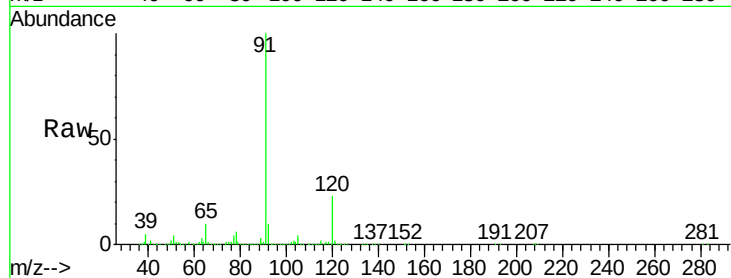
91 100

120 22.9 11.5 34.4

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 200.467 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049689.D

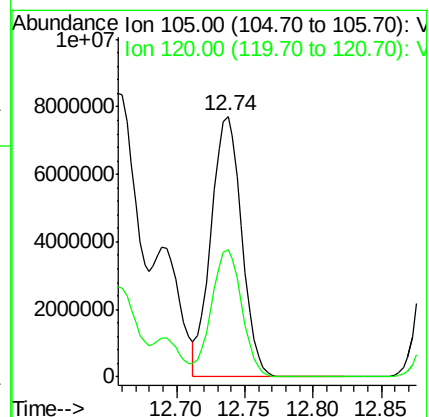
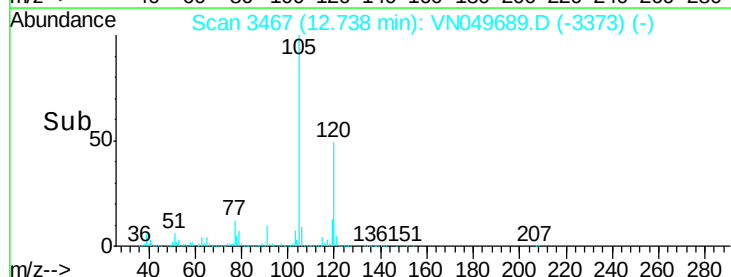
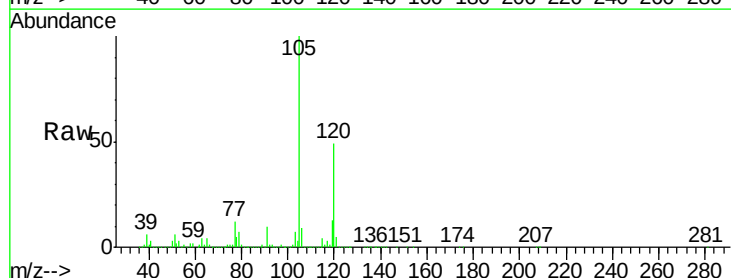
Acq: 3 Jul 2018 13:19

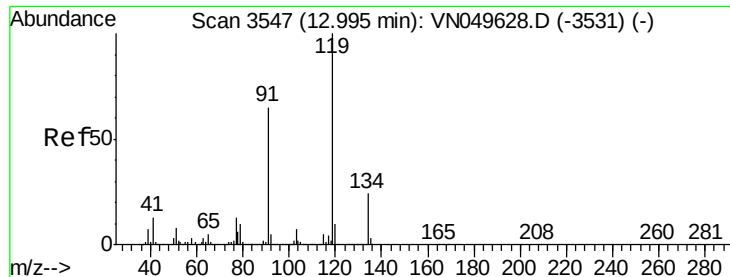
Tgt Ion: 105 Resp: 12018343

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8





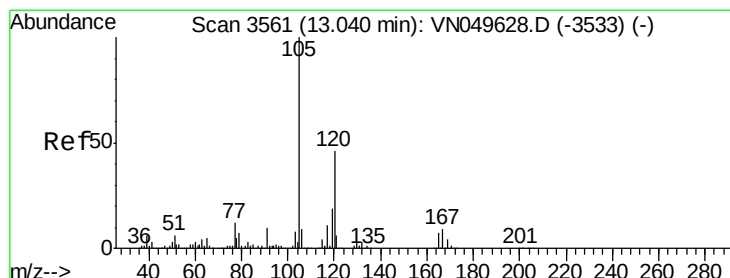
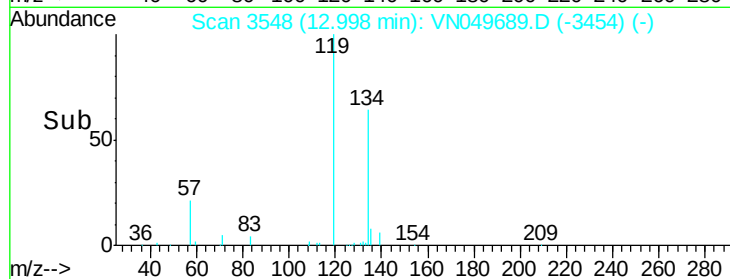
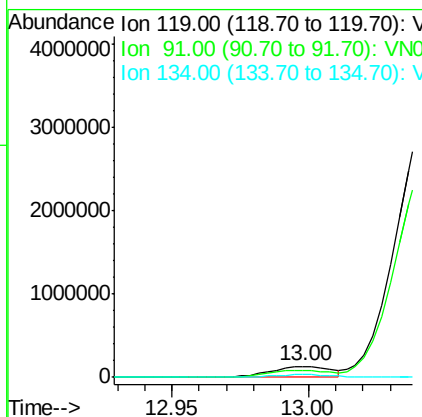
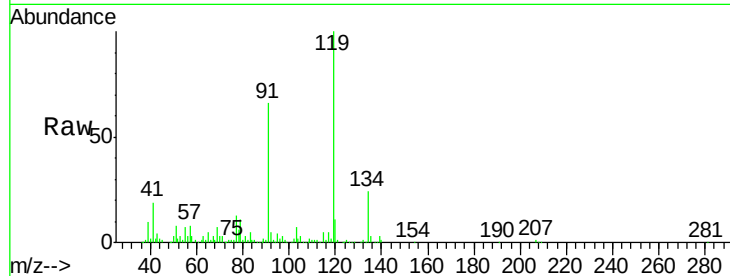
#83
tert-Butylbenzene
Concen: 3.821 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049689.D
Acq: 3 Jul 2018 13:19

Instrument :
MSVOA_N
Client Sampled :
MW-4

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.0	96.2
134	26.3	12.8	38.4

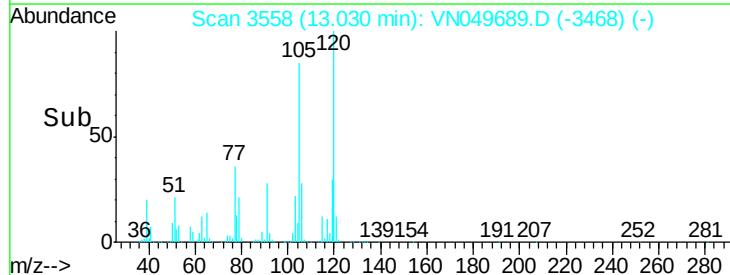
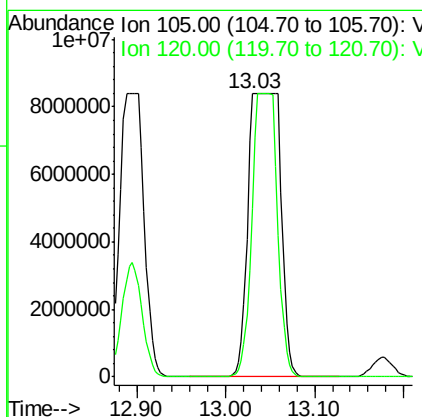
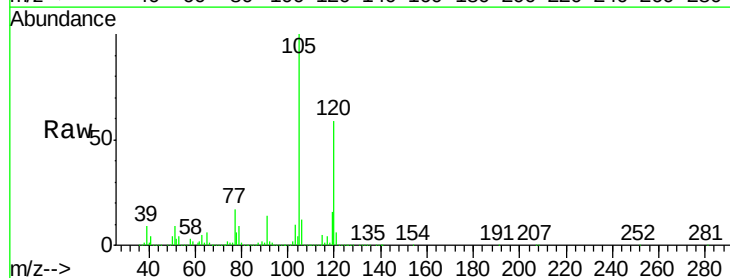
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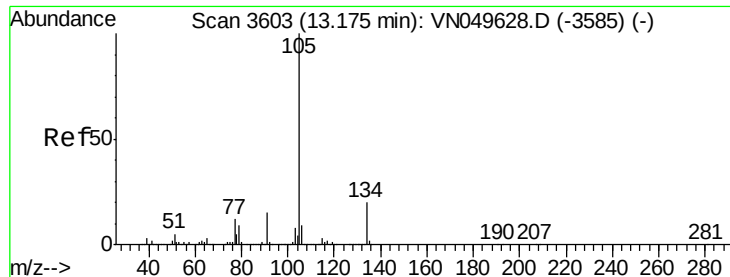
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#84
1,2,4-Trimethylbenzene
Concen: 345.477 ug/l m
RT: 13.03 min Scan# 3558
Delta R.T. -0.01 min
Lab File: VN049689.D
Acq: 3 Jul 2018 13:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	68.1#





#85

sec-Butylbenzene

Concen: 13.453 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

Instrument :

MSVOA_N

ClientSampled :

MW-4

Tot Ion:105 Resp: 917982

Ion Ratio Lower Upper

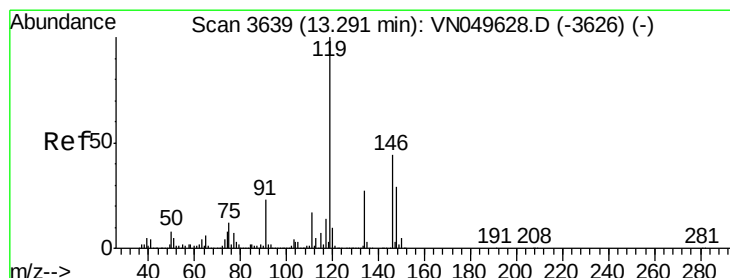
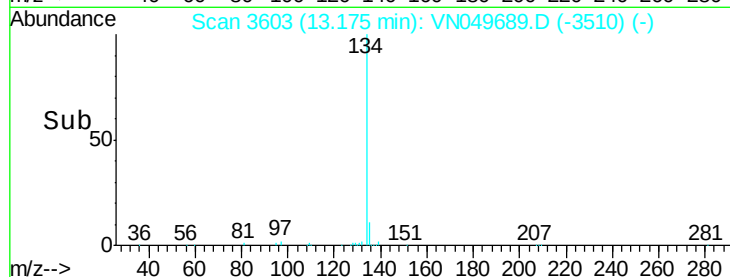
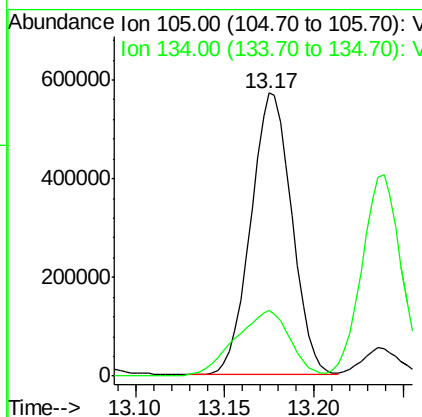
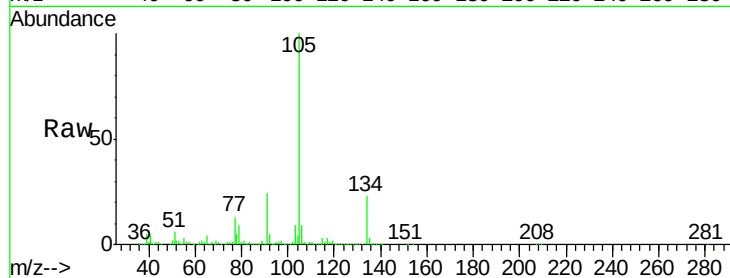
105 100

134 30.9 10.1 30.1#

Manual Integrations
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sam

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#86

p-Isopropyltoluene

Concen: 15.906 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN049689.D

Acq: 3 Jul 2018 13:19

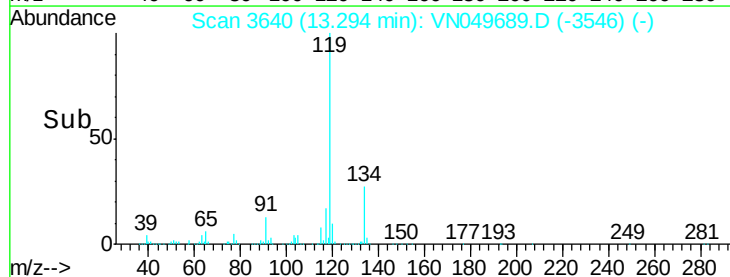
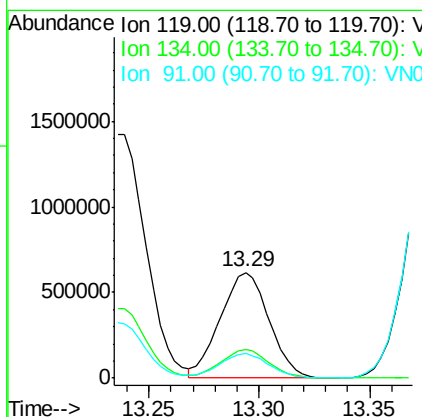
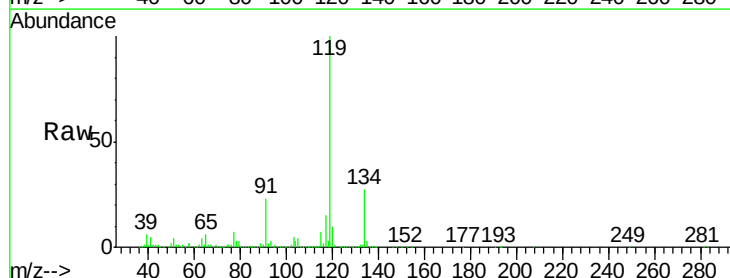
Tgt Ion:119 Resp: 940091

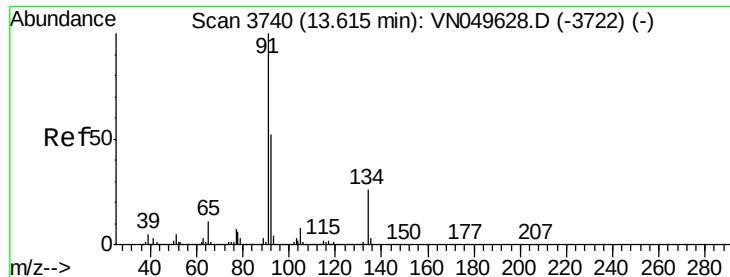
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 23.2 11.4 34.1





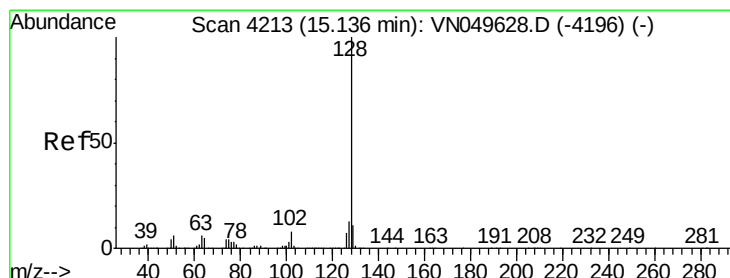
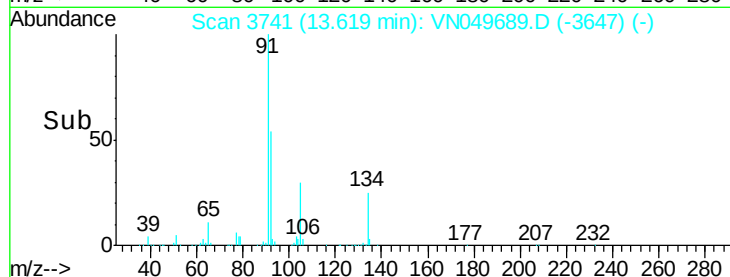
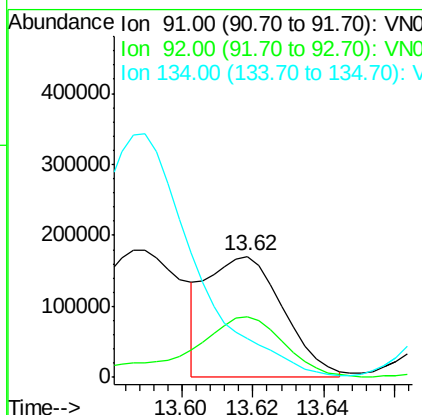
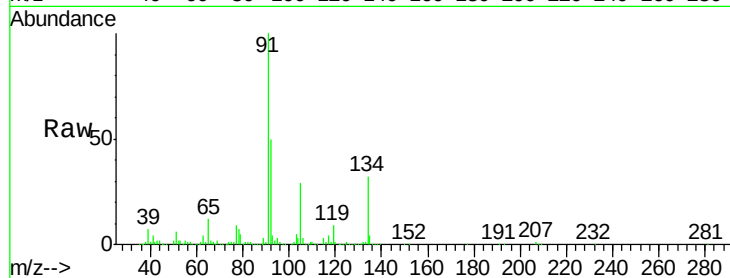
#89
n-Butylbenzene
Concen: 5.052 ug/l m
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049689.D
Acq: 3 Jul 2018 13:19

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.8	77.3#
134	257.5	13.0	38.9#

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#95
Naphthalene
Concen: 11.207 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049689.D
Acq: 3 Jul 2018 13:19

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.3	8.6	13.0

