

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027285.D
 Acq On : 18 Sep 2015 5:56
 Operator : MD\FY
 Sample : G3706-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 MW-9

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:24:28 PM

Quant Time: Sep 18 12:05:27 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	750993	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1340572	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1147228	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	429576	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	733444	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.34%		
36) Dibromofluoromethane	7.68	113	478375	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.96%		
51) Toluene-d8	10.19	98	1972781	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.44%		
63) 4-Bromofluorobenzene	12.52	95	673365	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.28%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Acetone	3.82	43	419427	101.10	ug/l	95
40) Methylcyclohexane	9.19	83	30475	1.59	ug/l	96
53) Toluene	10.26	92	12165	0.45	ug/l	99
68) Ethyl Benzene	11.62	91	171118	3.33	ug/l	100
69) m/p-Xylenes	11.73	106	38479	2.17	ug/l	91
70) o-Xylene	12.06	106	20202	1.14	ug/l	83
79) n-propylbenzene	12.71	91	166198	2.98	ug/l	97
81) 1,3,5-Trimethylbenzene	12.85	105	82866	2.18	ug/l	94
85) 1,2,4-Trimethylbenzene	13.16	105	568619	14.89	ug/l	96
96) Naphthalene	15.29	128	1010389	40.64	ug/l	99

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

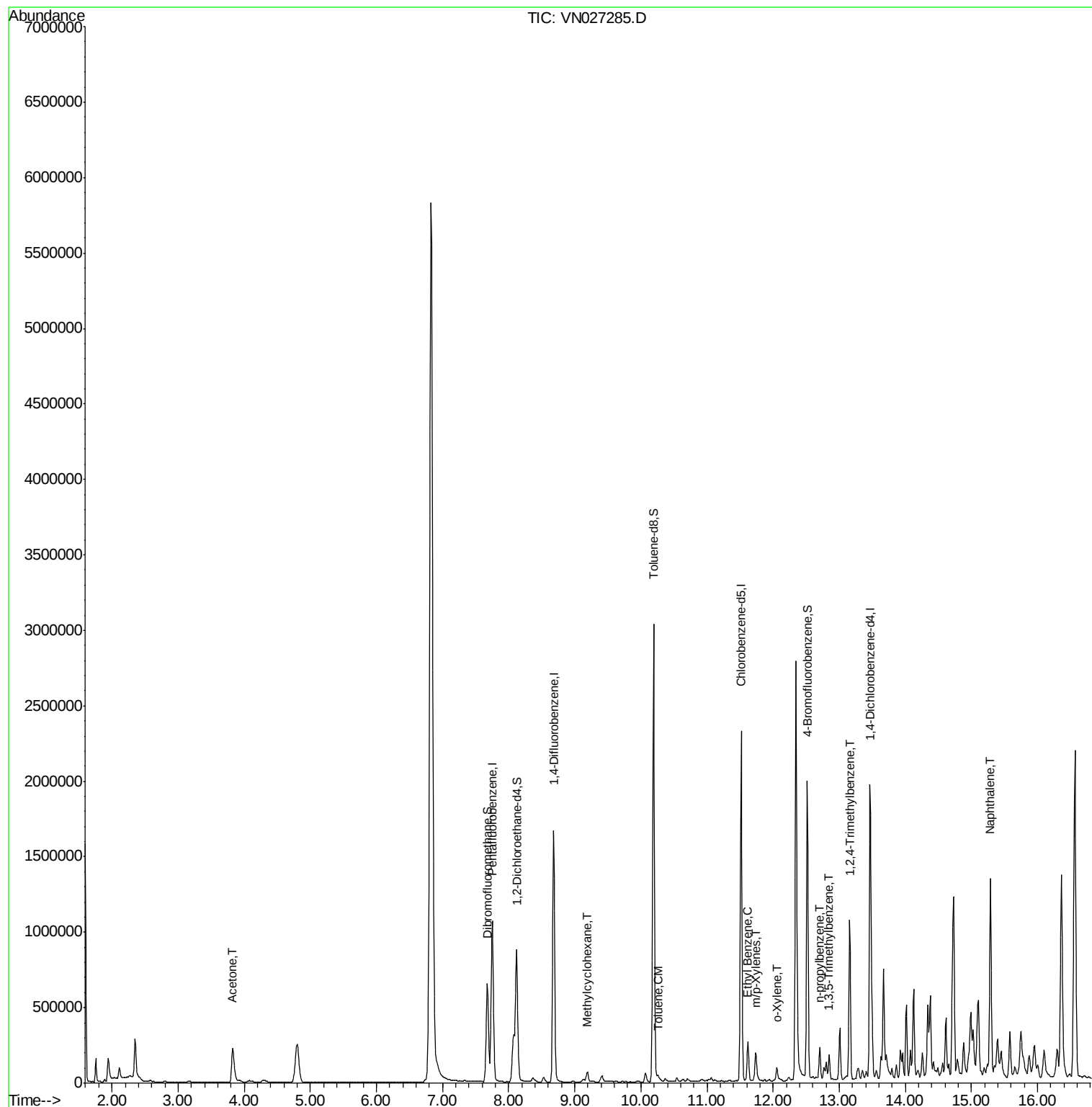
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
Data File : VN027285.D
Acq On : 18 Sep 2015 5:56
Operator : MD\FY
Sample : G3706-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-9

Manual Integrations
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9/18/2015 12:24:28 PM

Quant Time: Sep 18 12:05:27 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

MW-9

Tot Ion:168 Resp: 750993

Ion Ratio Lower Upper

168 100

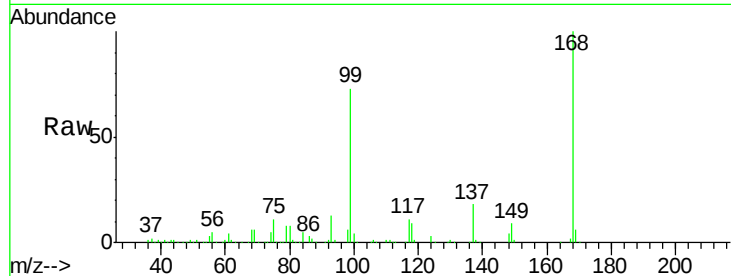
99 72.6 50.4 75.6

Manual Integrations

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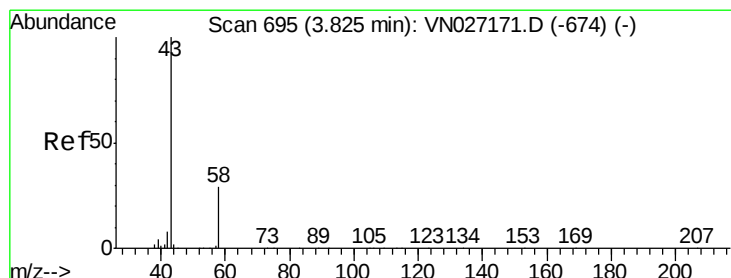
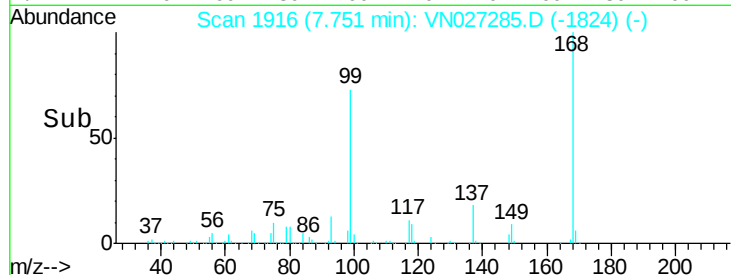
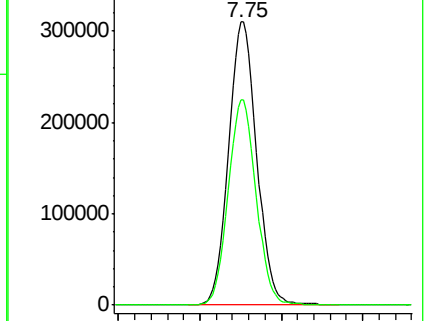
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#17

Acetone

Concen: 101.10 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN027285.D

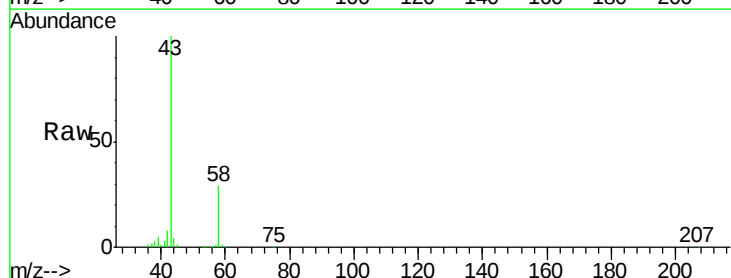
Acq: 18 Sep 2015 5:56

Tgt Ion: 43 Resp: 419427

Ion Ratio Lower Upper

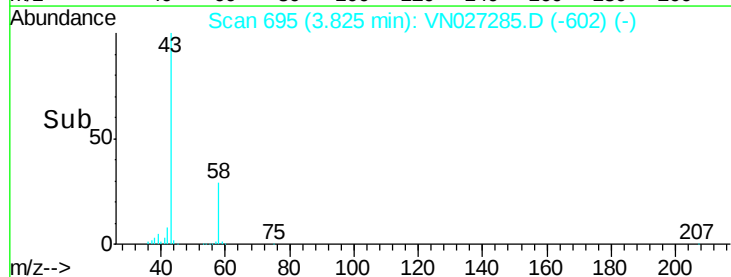
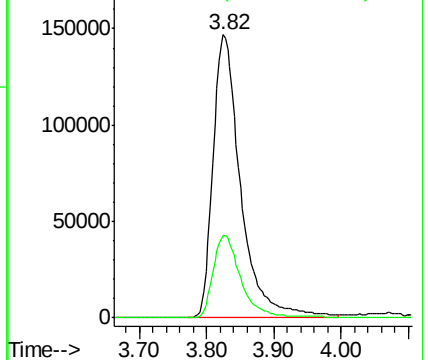
43 100

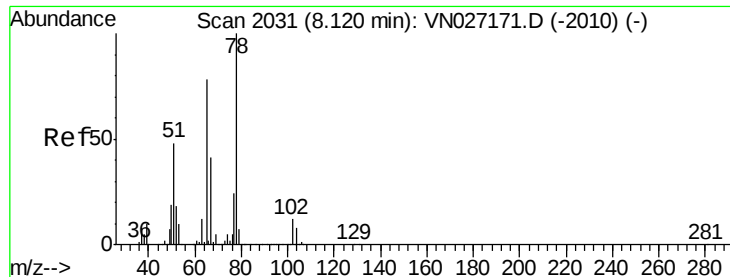
58 29.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#34

1,2-Dichloroethane-d4

Concen: 47.67 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

MW-9

Tot Ion: 65 Resp: 733444

Ion Ratio Lower Upper

65 100

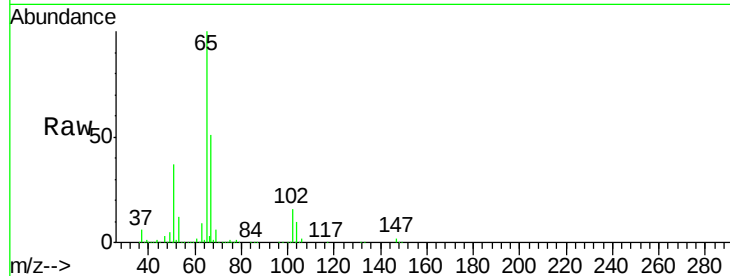
67 51.4 0.0 110.6

Manual Integrations

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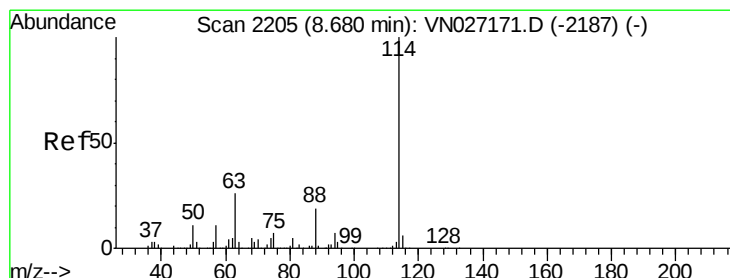
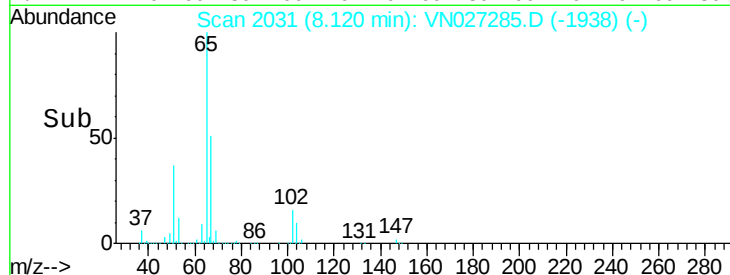
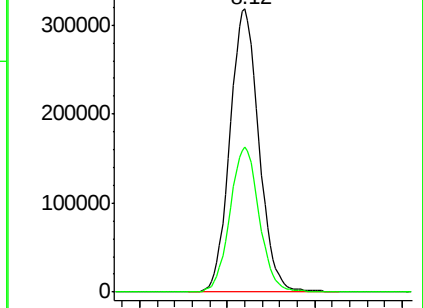
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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

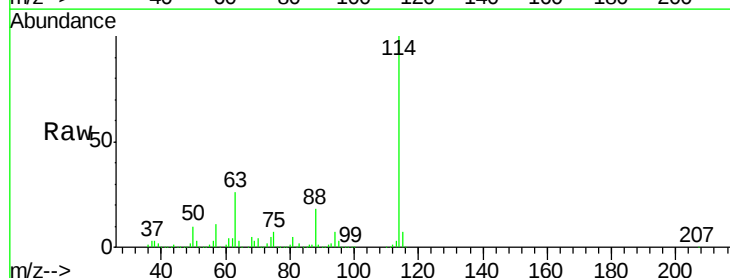
Tgt Ion: 114 Resp: 1340572

Ion Ratio Lower Upper

114 100

63 26.2 0.0 48.8

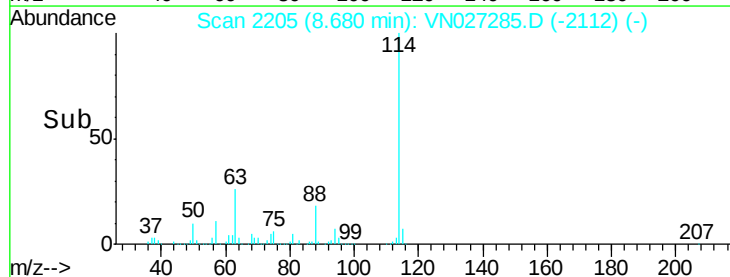
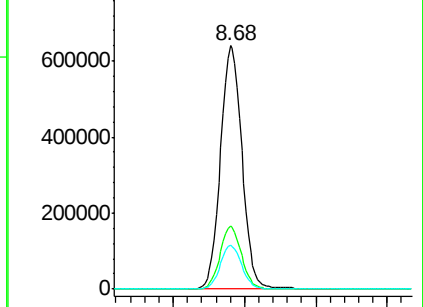
88 17.8 0.0 32.2

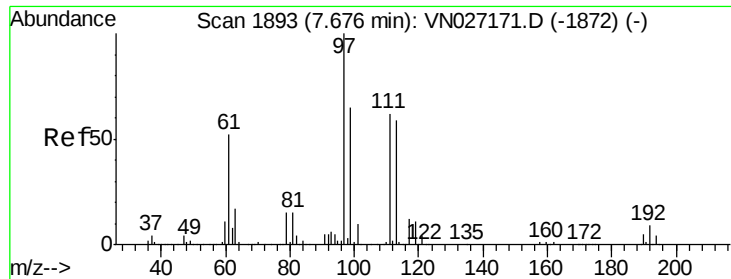


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





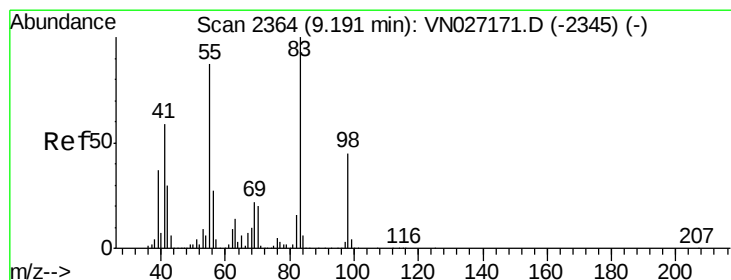
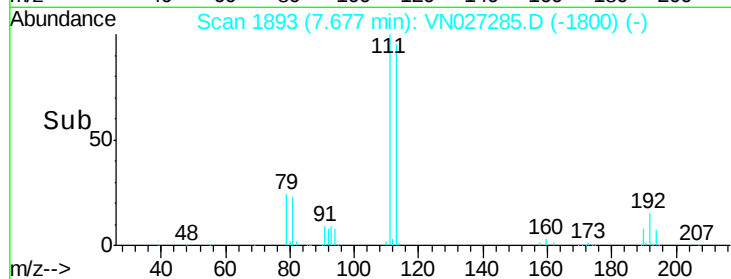
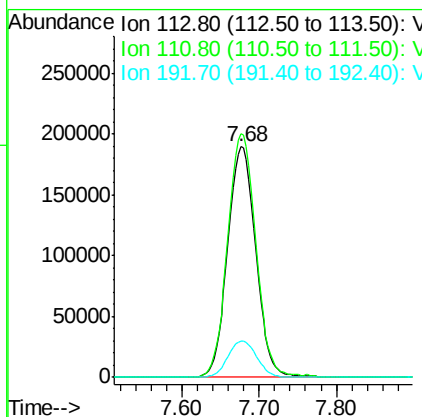
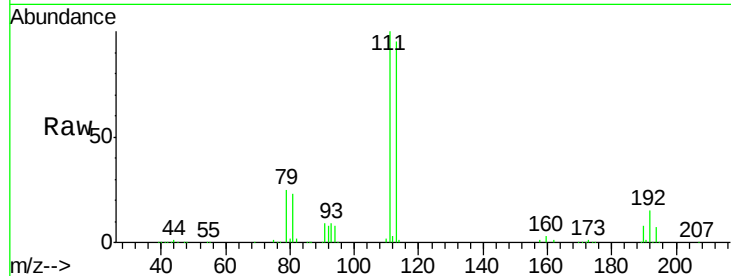
#36
Dibromofluoromethane
Concen: 51.48 ug/l
RT: 7.68 min Scan# 1893
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Instrument :
MSVOA_N
ClientSampled :
MW-9

Tot Ion	Ratio	Resp	Lower	Upper
113	100	478375		
111	105.5	83.0	124.4	
192	16.0	14.1	21.1	

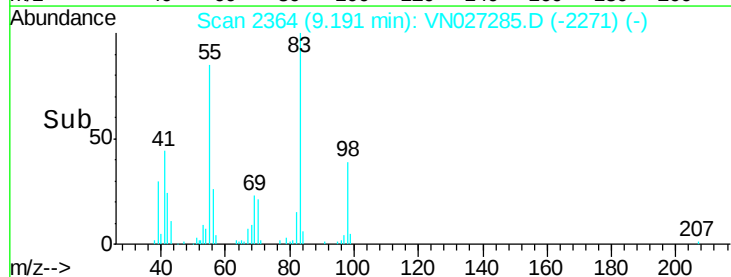
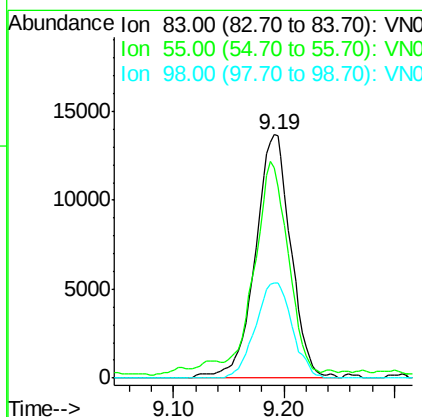
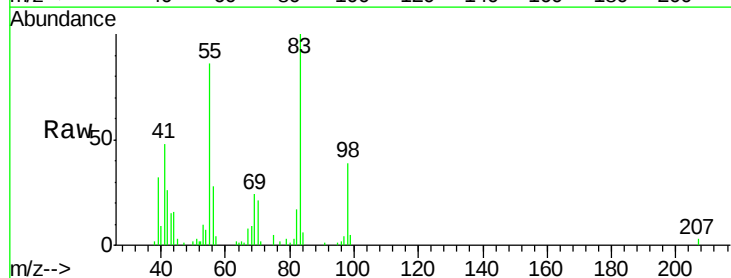
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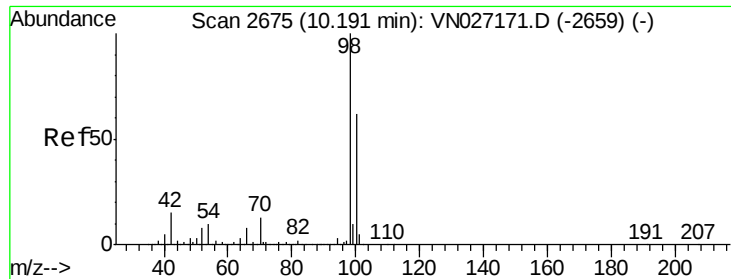
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#40
Methylcyclohexane
Concen: 1.59 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	30475		
55	84.3	69.8	104.8	
98	39.3	34.3	51.5	





#51

Toluene-d8

Concen: 54.22 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

MW-9

Tot Ion: 98 Resp: 1972781

Ion Ratio Lower Upper

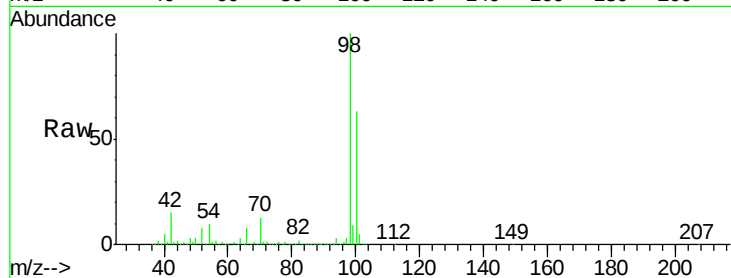
98 100

100 63.1 50.5 75.7

Manual Integrations
APPROVED

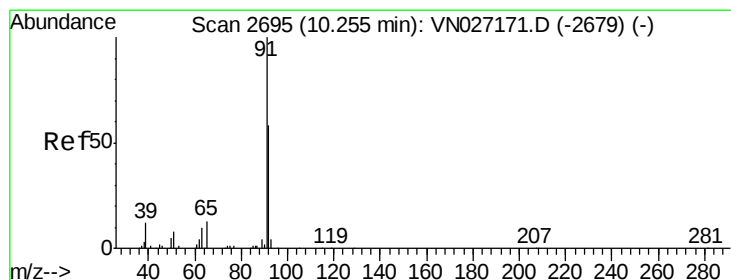
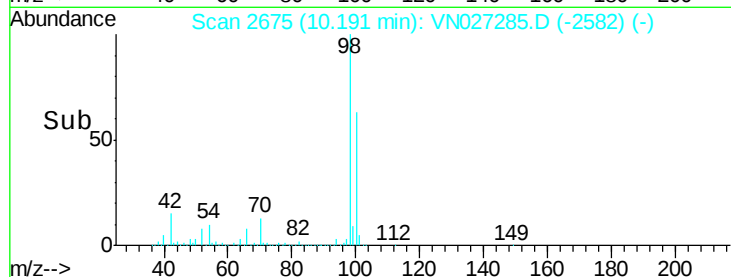
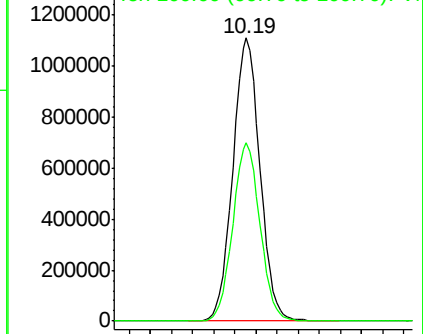
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#53

Toluene

Concen: 0.45 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027285.D

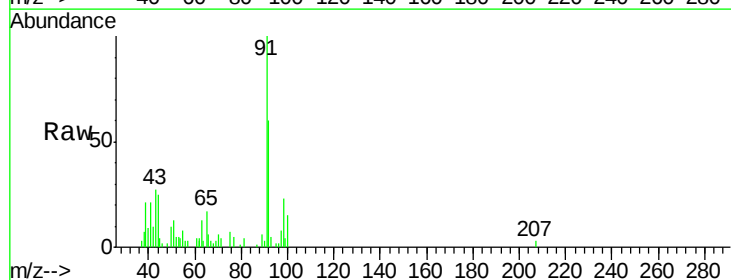
Acq: 18 Sep 2015 5:56

Tgt Ion: 92 Resp: 12165

Ion Ratio Lower Upper

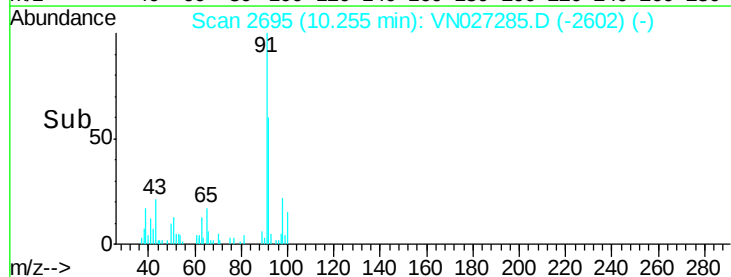
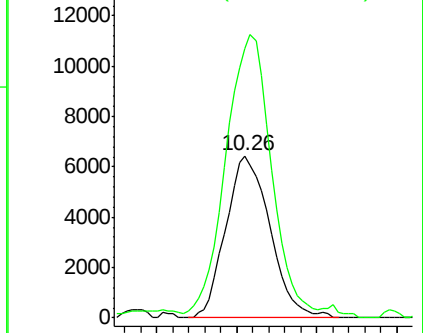
92 100

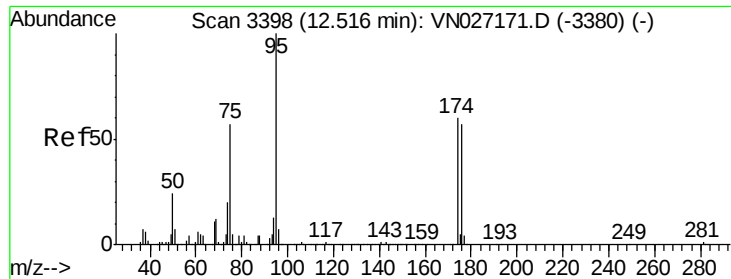
91 175.8 141.4 212.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





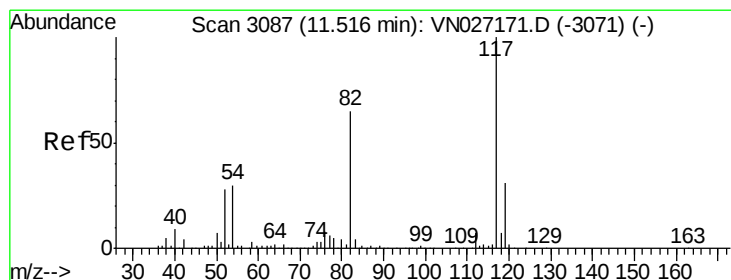
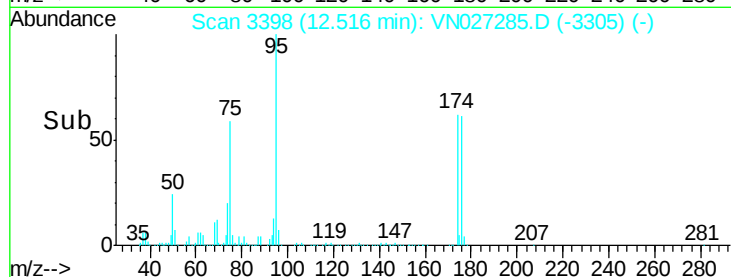
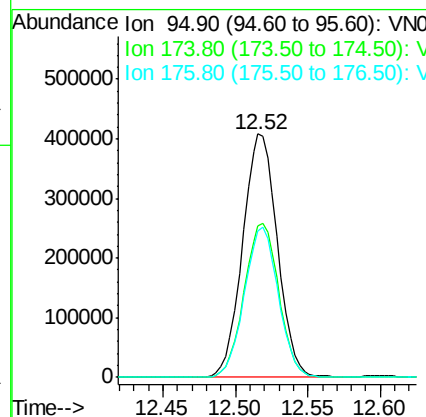
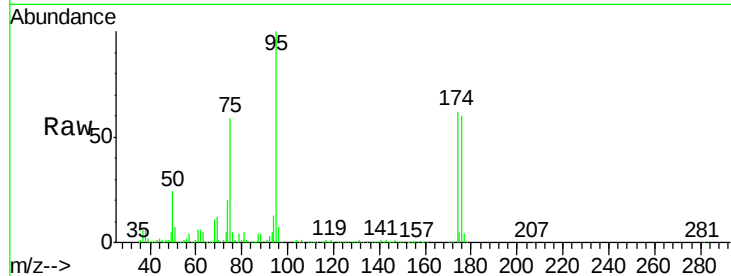
#63
4-Bromofluorobenzene
Concen: 52.14 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Instrument :
MSVOA_N
ClientSampled :
MW-9

Tot Ion	Ratio	Resp	Lower	Upper
95	100	673365		
174	63.6	0.0	137.0	
176	60.9	0.0	130.8	

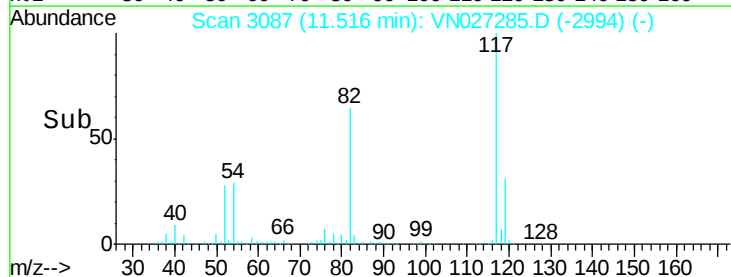
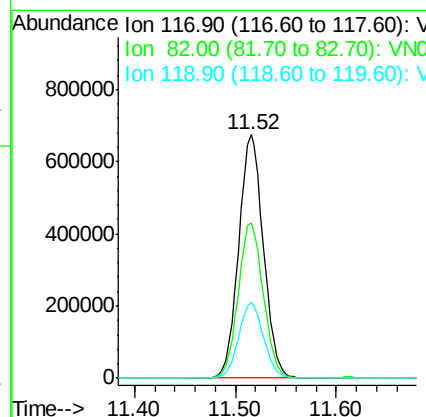
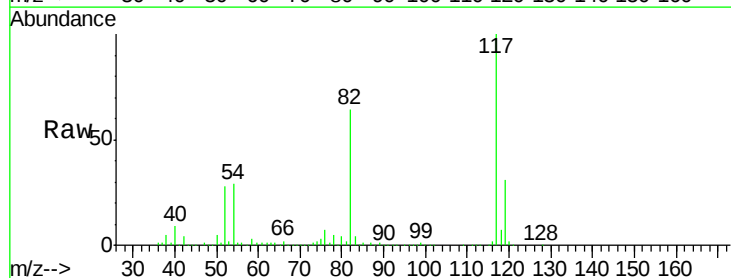
Manual Integrations
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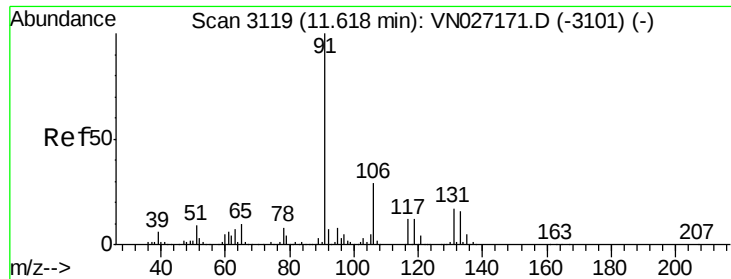
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#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1147228		
82	64.0	49.6	74.4	
119	31.0	24.6	36.8	





#68

Ethyl Benzene

Concen: 3.33 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. 0.00 min

Lab File: VN027285.D

Acq: 18 Sep 2015 5:56

Instrument :

MSVOA_N

ClientSampled :

MW-9

Tot Ion: 91 Resp: 171118

Ion Ratio Lower Upper

91 100

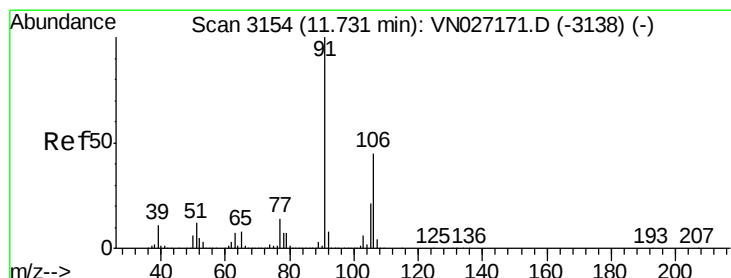
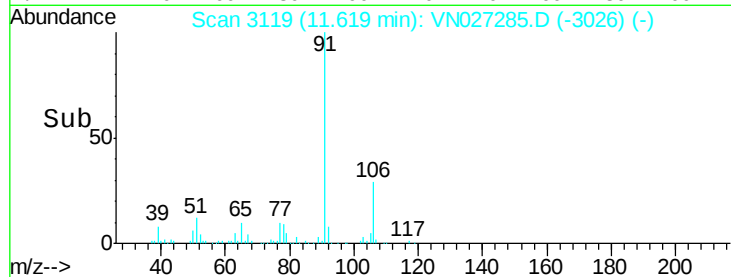
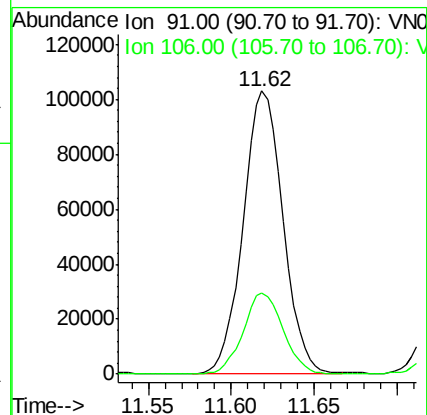
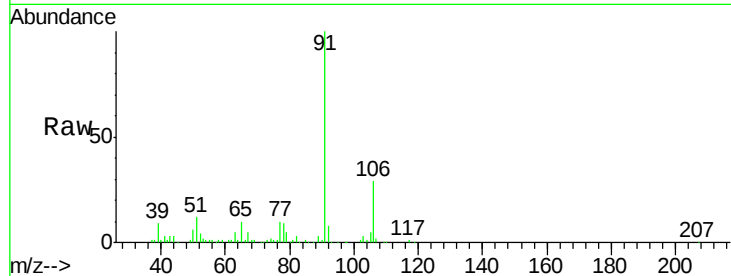
106 28.7 23.1 34.7

Manual Integrations

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9/18/2015 12:24:28 PM



#69

m/p-Xylenes

Concen: 2.17 ug/l

RT: 11.73 min Scan# 3155

Delta R.T. 0.00 min

Lab File: VN027285.D

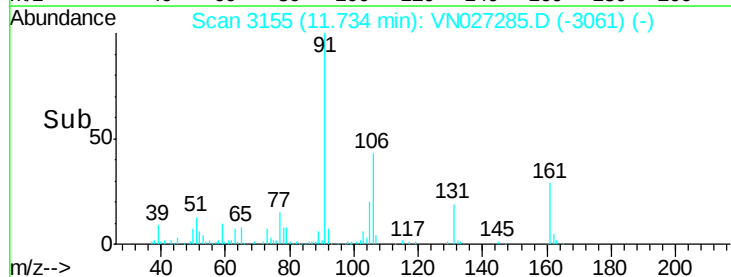
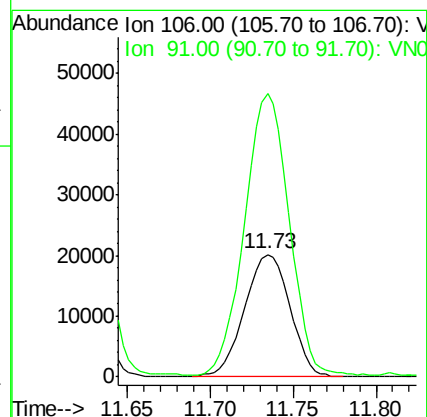
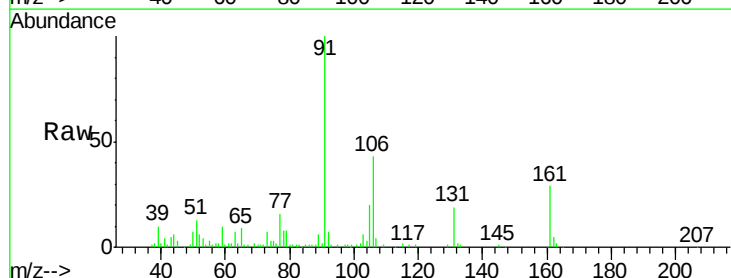
Acq: 18 Sep 2015 5:56

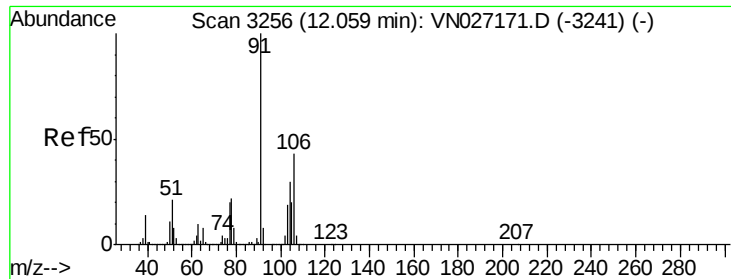
Tgt Ion: 106 Resp: 38479

Ion Ratio Lower Upper

106 100

91 223.0 167.1 250.7





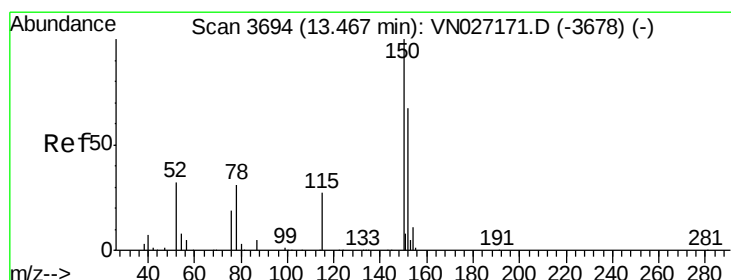
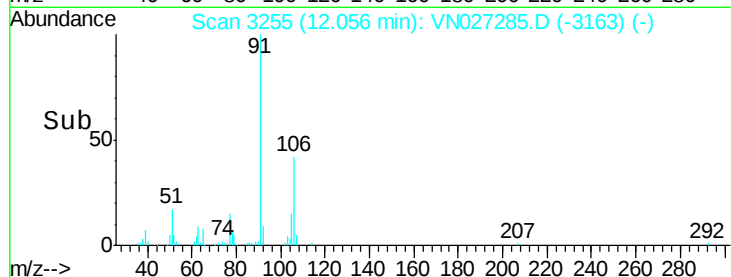
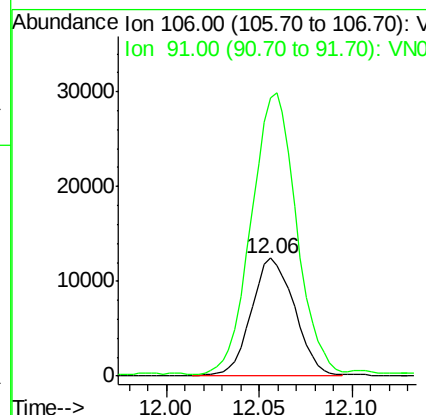
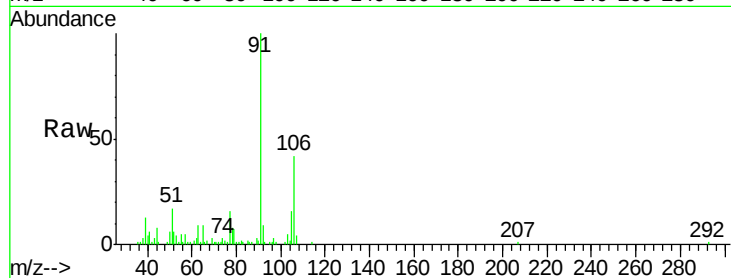
#70
o-Xylene
Concen: 1.14 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Instrument :
MSVOA_N
ClientSampled :
MW-9

Tot Ion	Ratio	Lower	Upper
106	100		
91	248.3	110.7	331.9

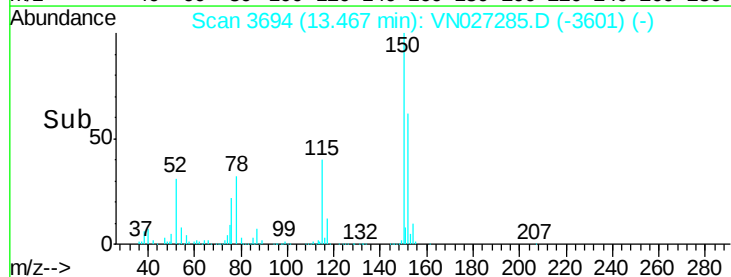
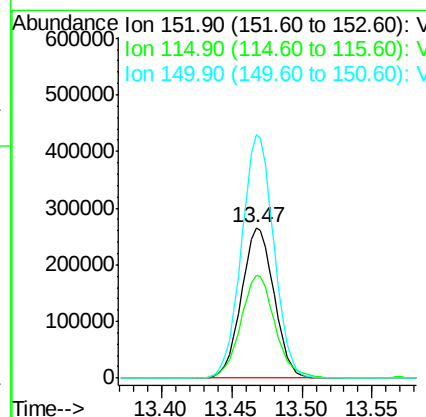
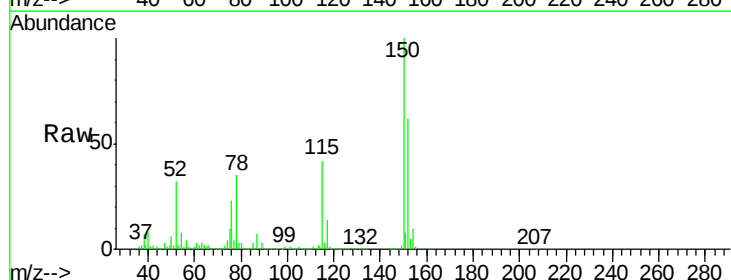
Manual Integrations
APPROVED

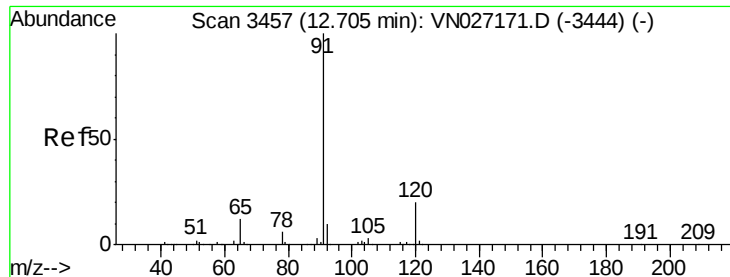
MMDadoda
9/18/2015 12:24:28 PM



#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.6	30.8	92.3
150	160.5	0.0	345.0





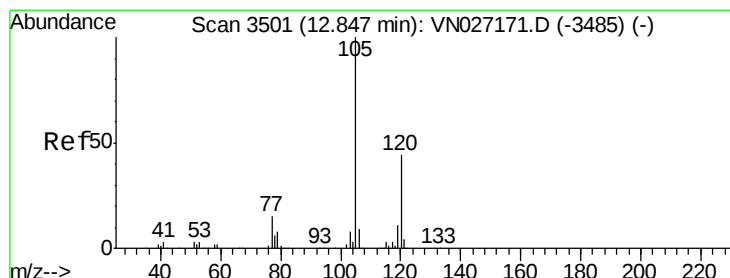
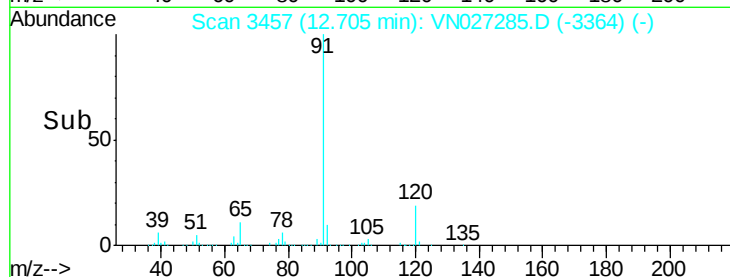
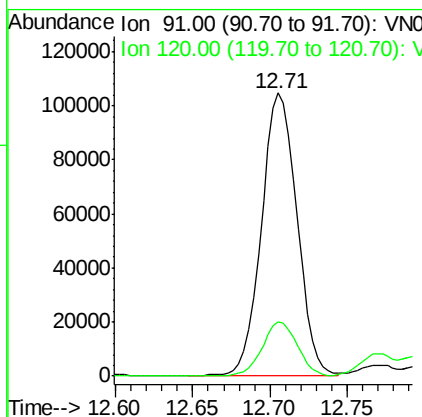
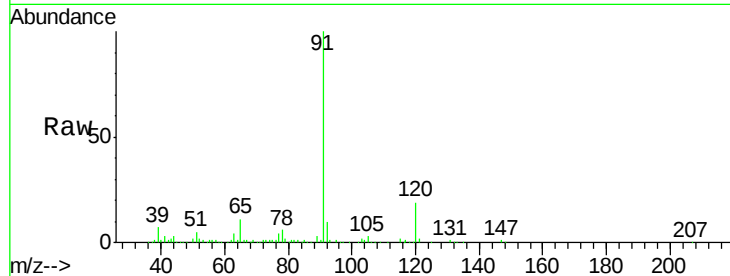
#79
n-propylbenzene
Concen: 2.98 ug/l
RT: 12.71 min Scan# 3457
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Instrument :
MSVOA_N
ClientSampled :
MW-9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		166198		
120	19.2	10.3	30.8		

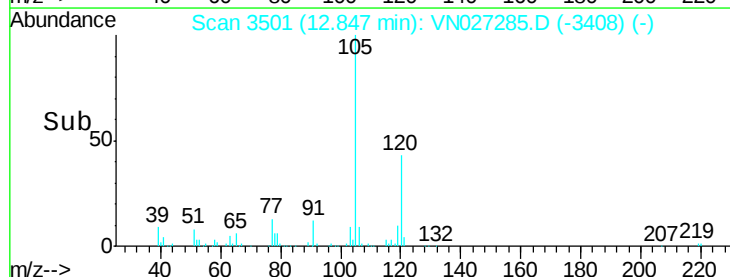
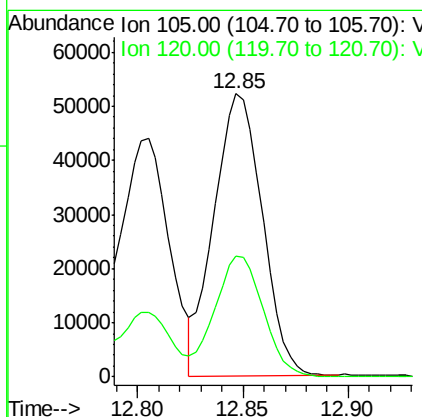
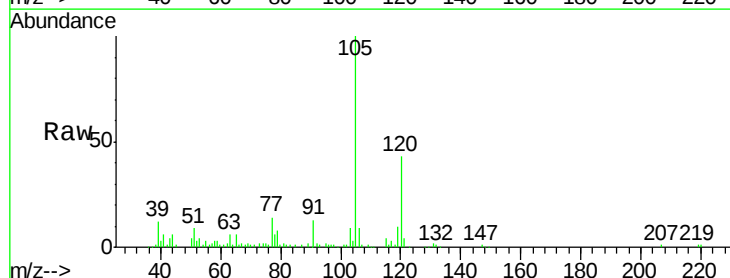
Manual Integrations
APPROVED

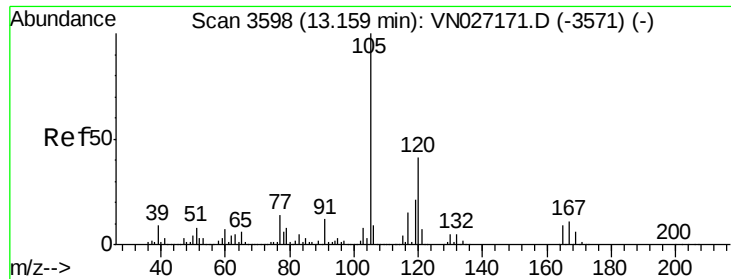
MMDadoda
9/18/2015 12:24:28 PM



#81
1,3,5-Trimethylbenzene
Concen: 2.18 ug/l
RT: 12.85 min Scan# 3501
Delta R.T. 0.00 min
Lab File: VN027285.D
Acq: 18 Sep 2015 5:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		82866		
120	43.0	23.4	70.0		





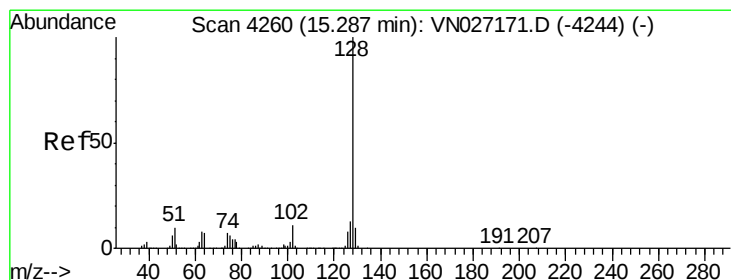
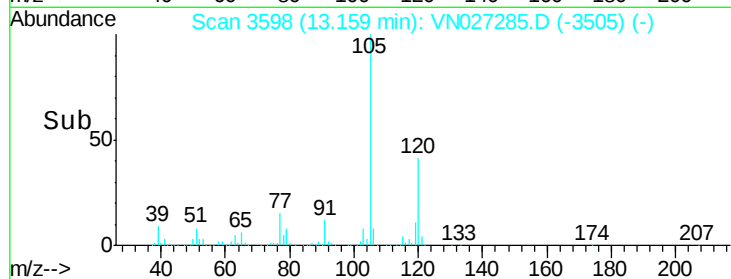
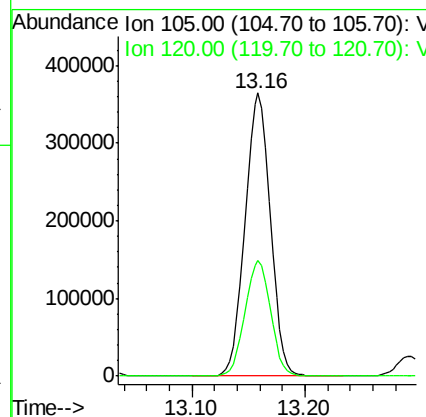
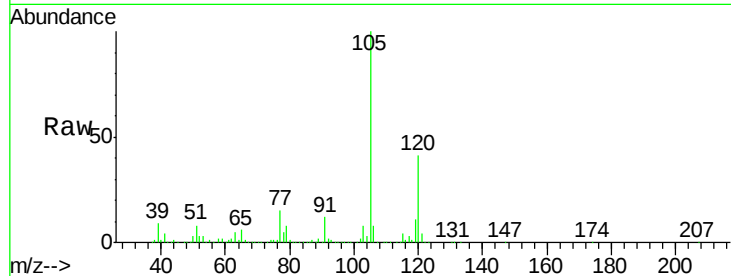
#85
 1,2,4-Trimethylbenzene
 Concen: 14.89 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9

Tot Ion	Ratio	Lower	Upper
105	100		
120	41.0	21.9	65.5

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:24:28 PM



#96
 Naphthalene
 Concen: 40.64 ug/l
 RT: 15.29 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: VN027285.D
 Acq: 18 Sep 2015 5:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.6	8.6	12.8

