

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027279.D
 Acq On : 18 Sep 2015 3:10
 Operator : MD\FY
 Sample : G3706-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Manual Integrations
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MMDadoda
 9/18/2015 12:24:16 PM

Quant Time: Sep 18 12:01:40 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	755429	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1348693	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1140803	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	416316	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	755418	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
36) Dibromofluoromethane	7.68	113	484738	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
51) Toluene-d8	10.19	98	1996281	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
63) 4-Bromofluorobenzene	12.52	95	663460	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
Target Compounds						
32) Cyclohexane	7.76	56	85088	3.14	ug/l #	61
40) Methylcyclohexane	9.19	83	80494m	4.19	ug/l	
74) Isopropylbenzene	12.36	105	63380	1.38	ug/l	95
84) tert-Butylbenzene	13.11	119	14375	0.47	ug/l	91
86) sec-Butylbenzene	13.29	105	21969	0.49	ug/l #	56

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

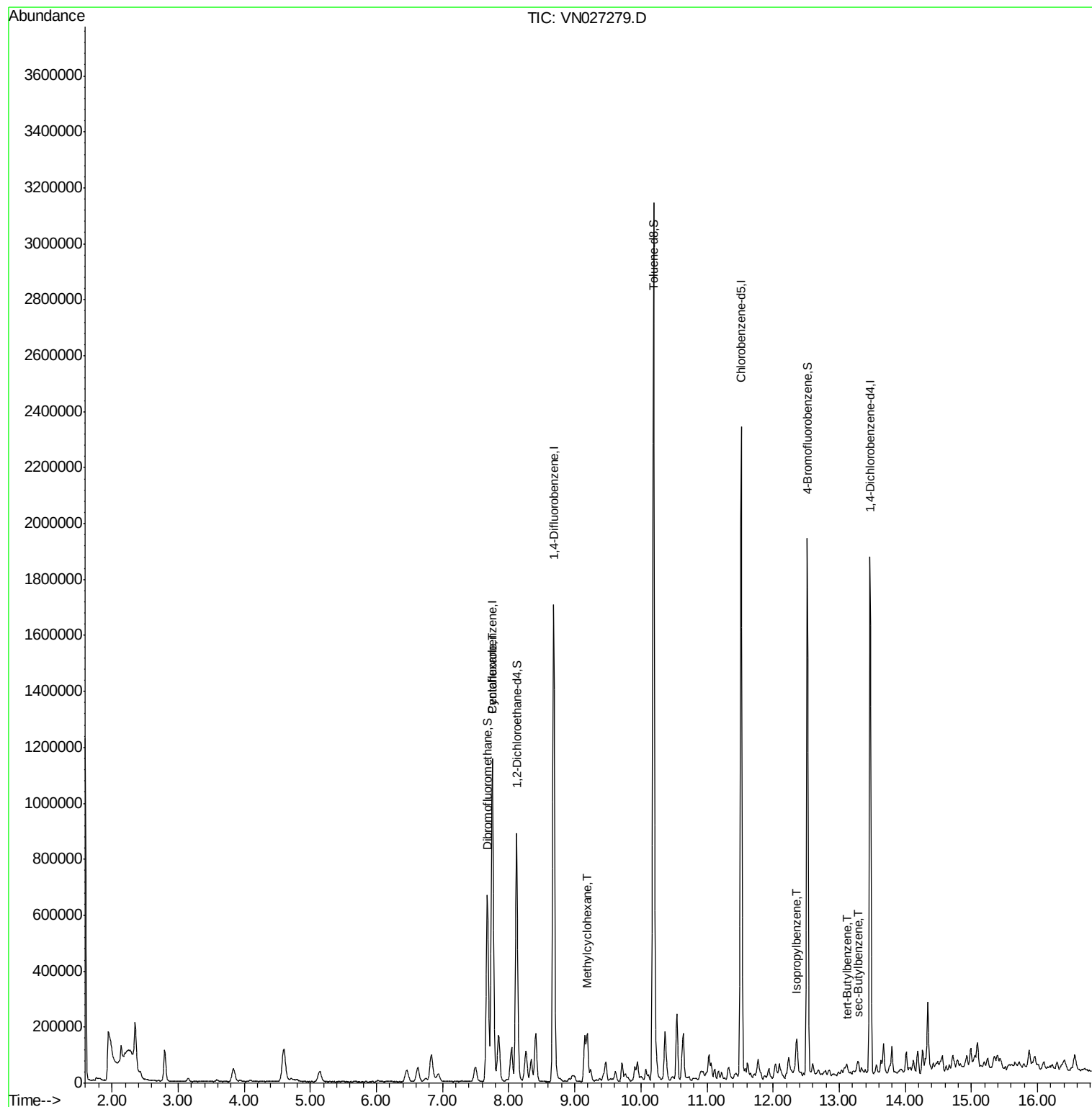
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
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Sample : G3706-02
Misc : 5.00mL/MSVOA N/WATER
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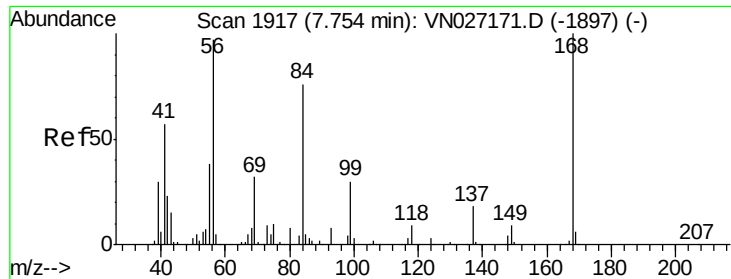
Instrument :
MSVOA_N
ClientSampleId :
MW-2

Manual Integrations
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Quant Time: Sep 18 12:01:40 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# 1917

Delta R.T. 0.00 min

Lab File: VN027279.D

Acq: 18 Sep 2015 3:10

Instrument :

MSVOA_N

ClientSampled :

MW-2

Tot Ion:168 Resp: 755429

Ion Ratio Lower Upper

168 100

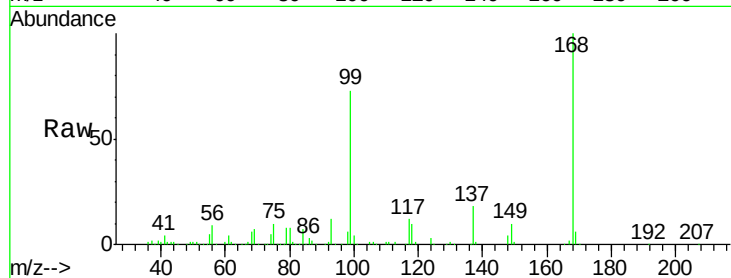
99 73.4 50.4 75.6

Manual Integrations

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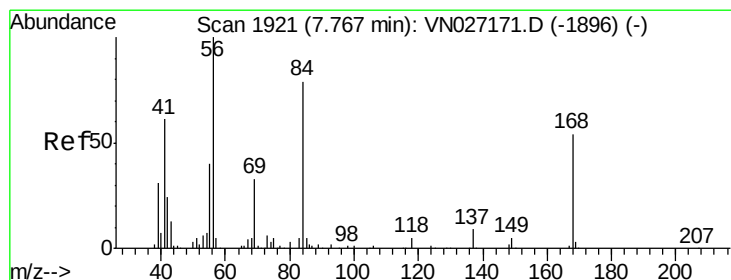
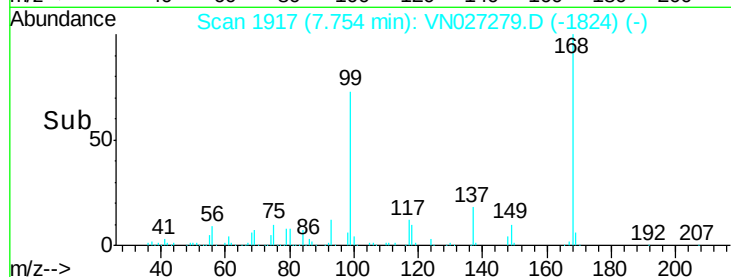
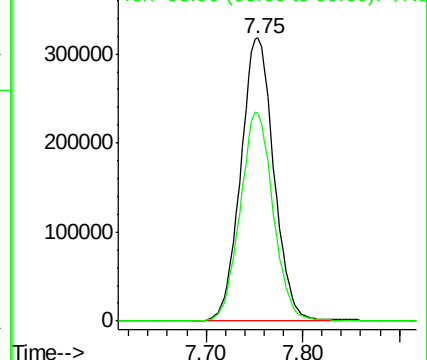
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#32

Cyclohexane

Concen: 3.14 ug/l

RT: 7.76 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VN027279.D

Acq: 18 Sep 2015 3:10

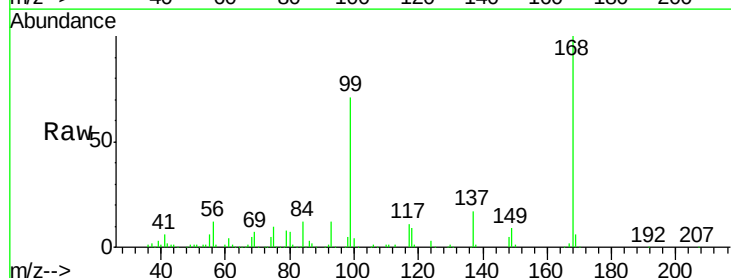
Tgt Ion: 56 Resp: 85088

Ion Ratio Lower Upper

56 100

69 59.4 23.0 34.4#

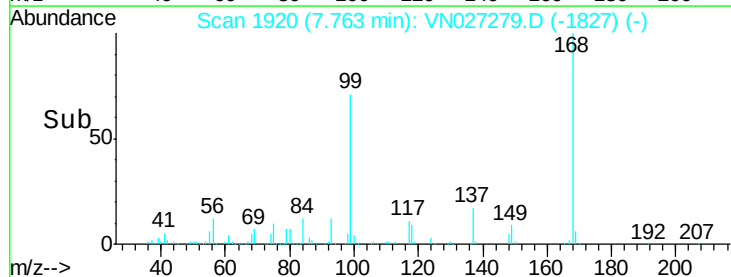
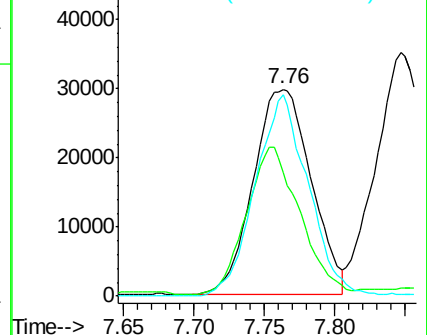
84 98.2 57.8 86.8#

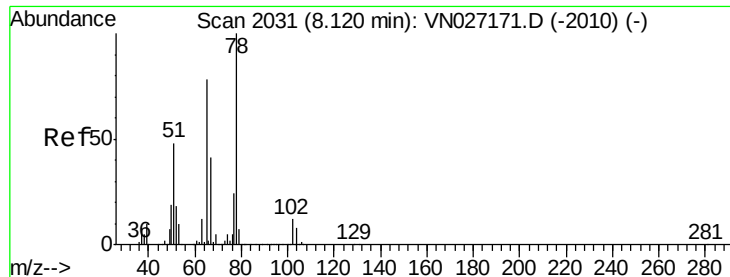


Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN





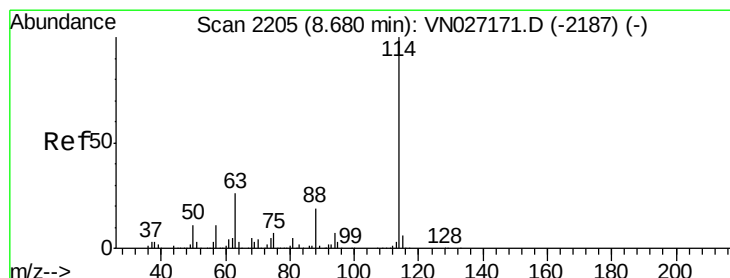
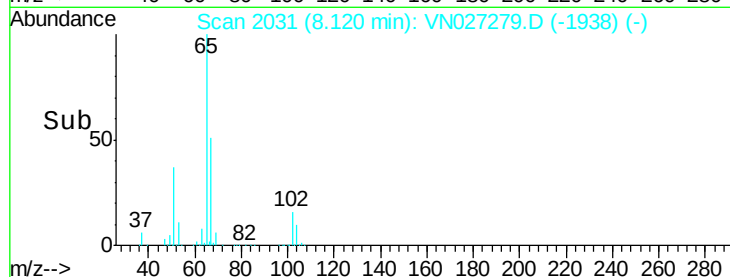
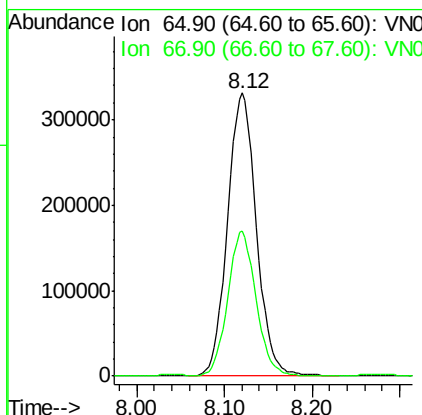
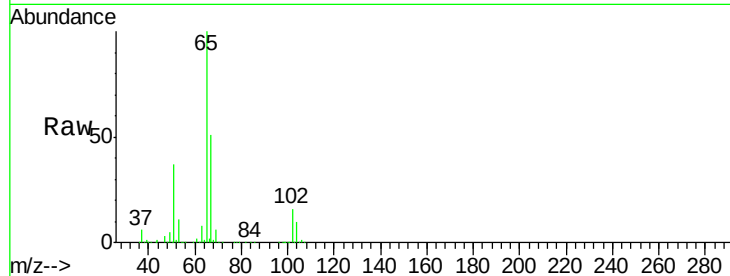
#34
 1,2-Dichloroethane-d4
 Concen: 48.81 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027279.D
 Acq: 18 Sep 2015 3:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.8	0.0	110.6	

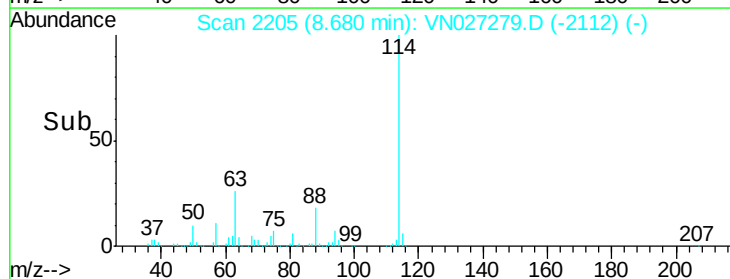
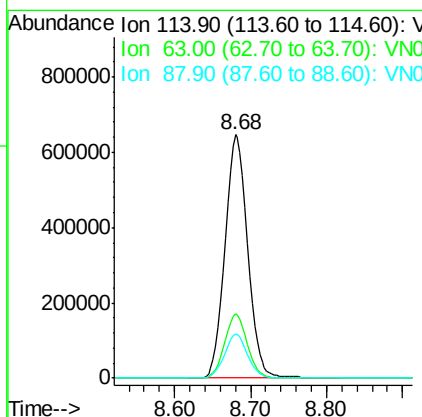
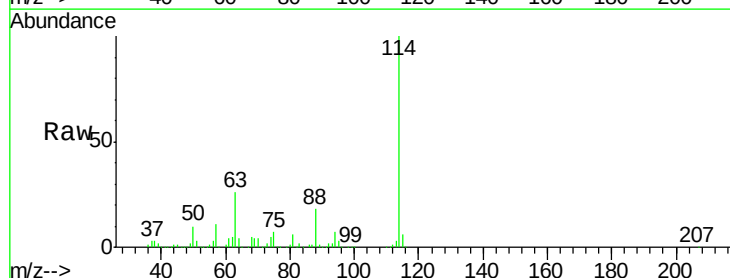
Manual Integrations
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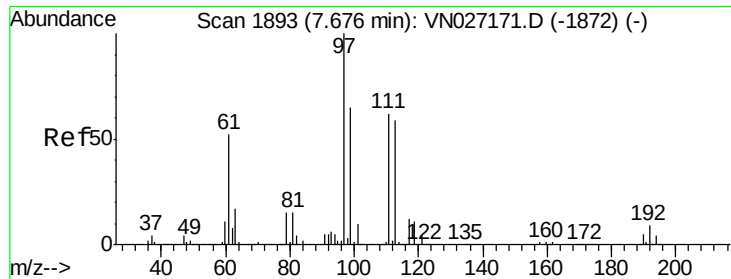
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#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027279.D
 Acq: 18 Sep 2015 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	26.5	0.0	48.8	
88	18.0	0.0	32.2	





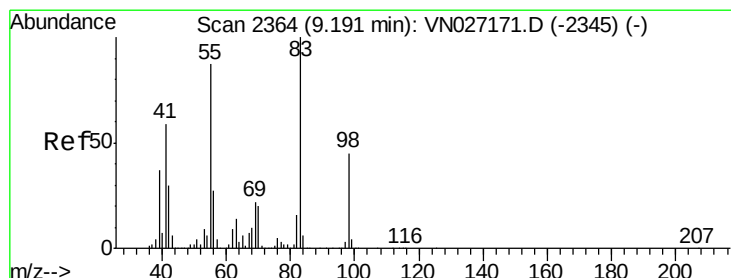
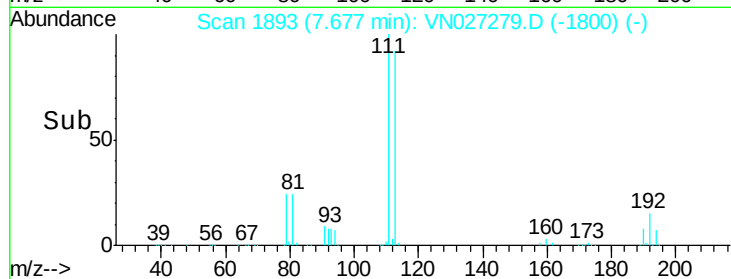
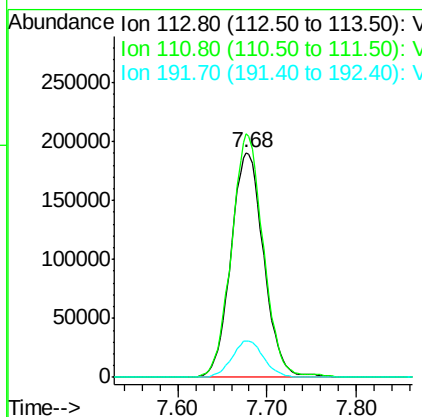
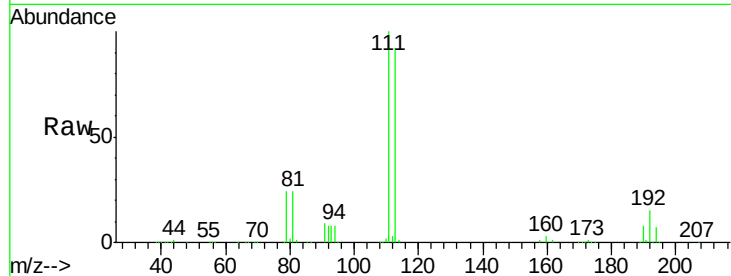
#36
 Dibromofluoromethane
 Concen: 51.85 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027279.D
 Acq: 18 Sep 2015 3:10

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

Tot Ion	Ratio	Resp	Lower	Upper
113	100	484738		
111	105.6	83.0	124.4	
192	15.8	14.1	21.1	

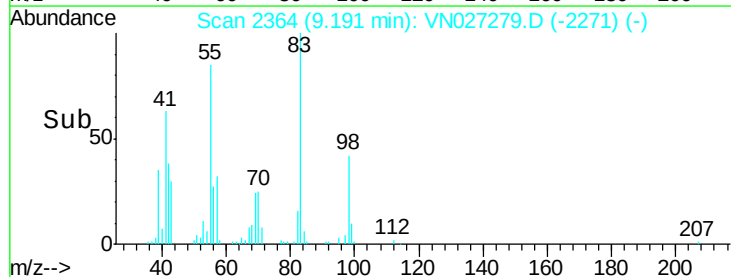
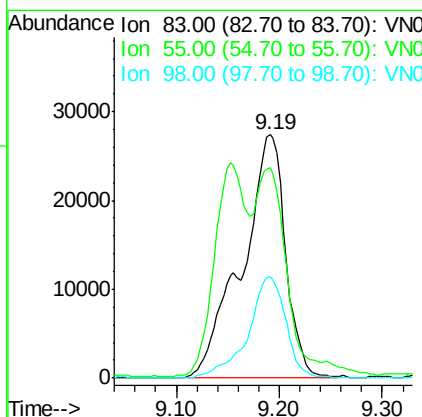
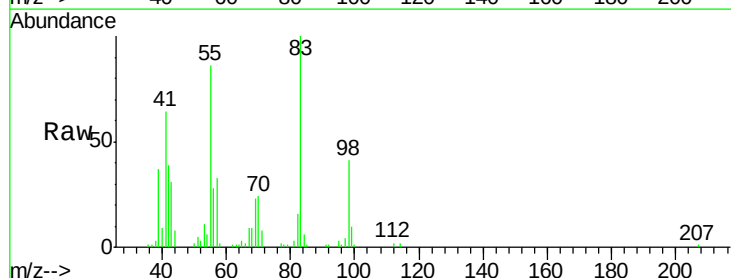
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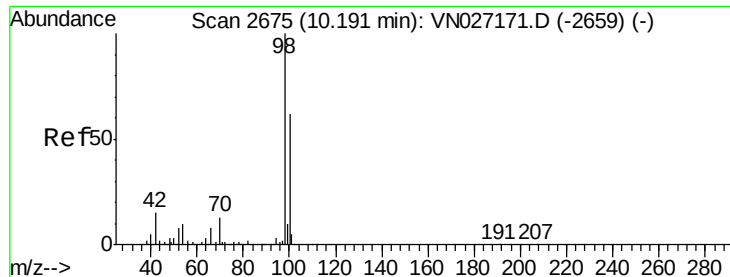
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#40
 Methylcyclohexane
 Concen: 4.19 ug/l m
 RT: 9.19 min Scan# 2364
 Delta R.T. 0.00 min
 Lab File: VN027279.D
 Acq: 18 Sep 2015 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	80494		
55	86.3	69.8	104.8	
98	41.5	34.3	51.5	





#51

Toluene-d8

Concen: 54.54 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027279.D

Acq: 18 Sep 2015 3:10

Instrument :

MSVOA_N

ClientSampled :

MW-2

Tot Ion: 98 Resp: 1996281

Ion Ratio Lower Upper

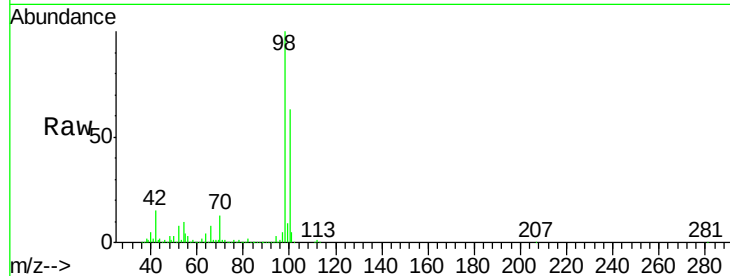
98 100

100 62.5 50.5 75.7

Manual Integrations
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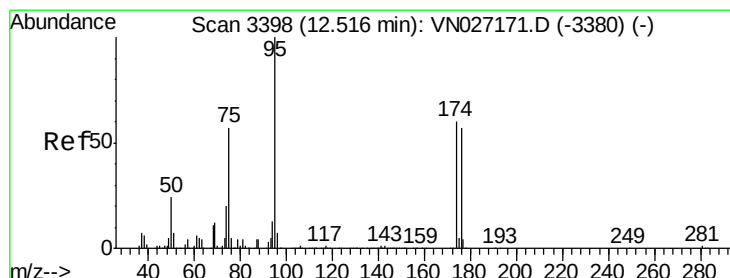
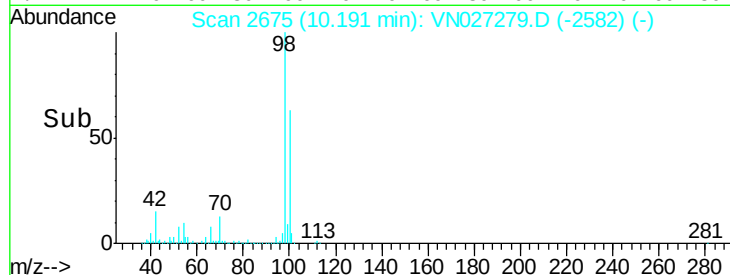
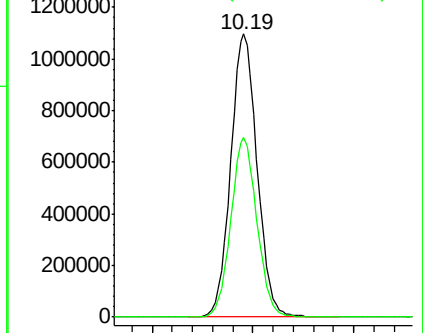
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#63

4-Bromofluorobenzene

Concen: 51.07 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. 0.00 min

Lab File: VN027279.D

Acq: 18 Sep 2015 3:10

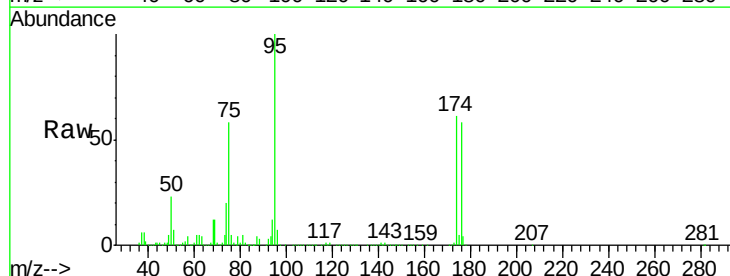
Tgt Ion: 95 Resp: 663460

Ion Ratio Lower Upper

95 100

174 62.4 0.0 137.0

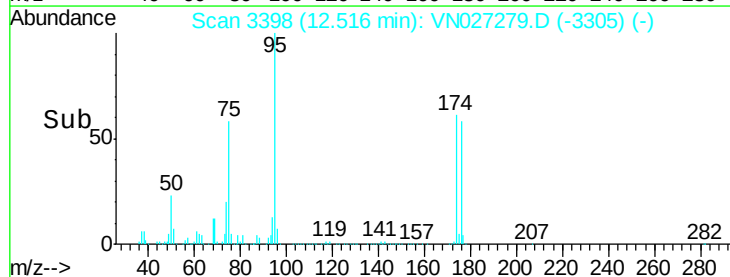
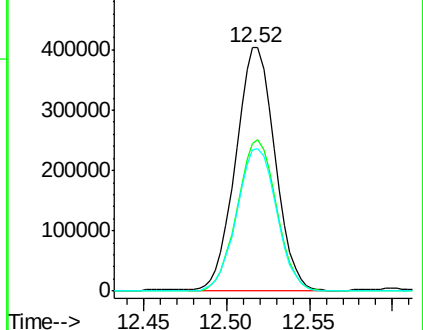
176 59.7 0.0 130.8

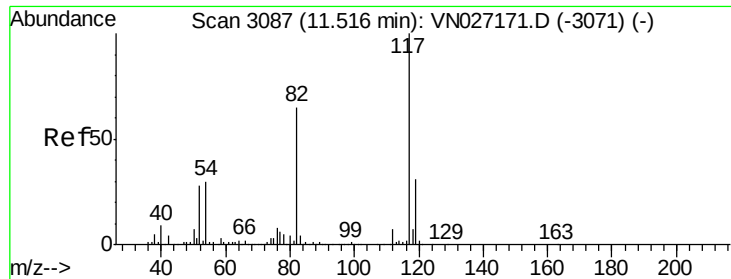


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





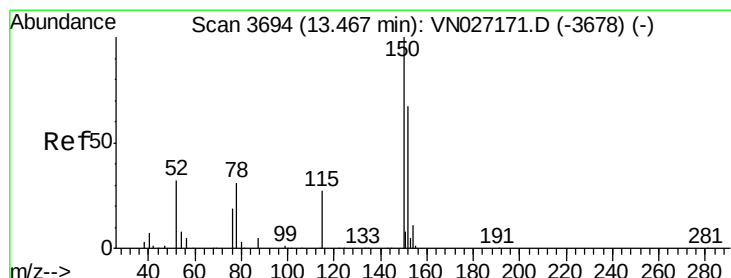
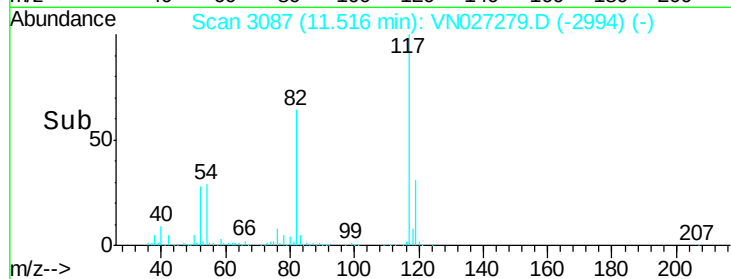
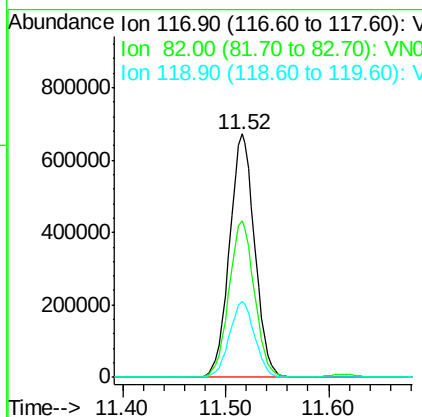
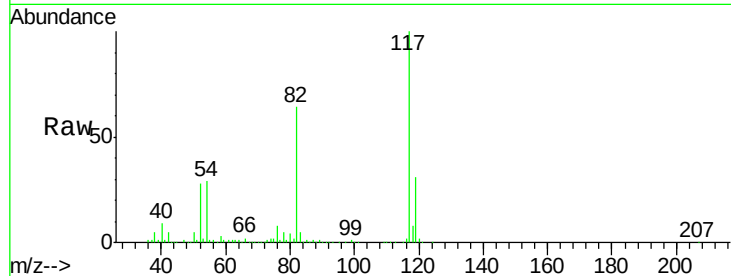
#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampled :
MW-2

Tot Ion:117 Resp: 1140803
Ion Ratio Lower Upper
117 100
82 64.4 49.6 74.4
119 31.1 24.6 36.8

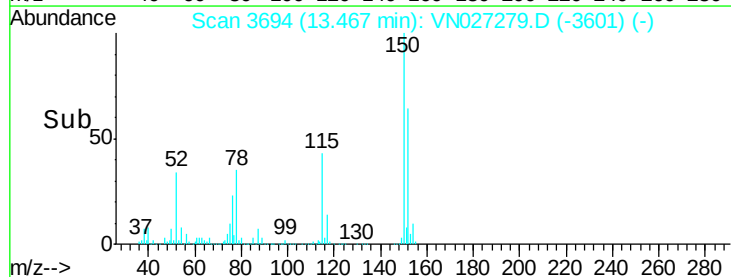
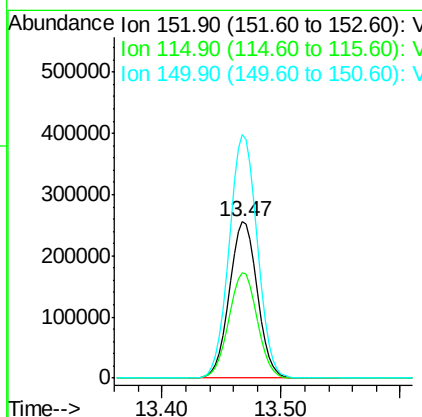
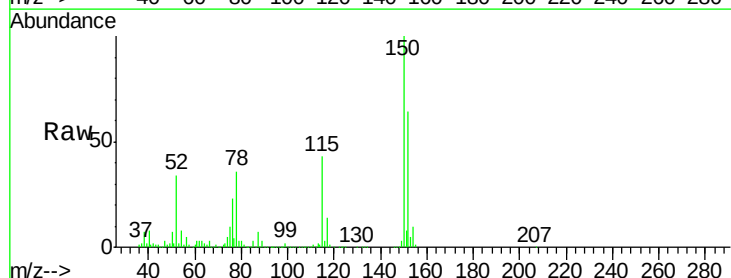
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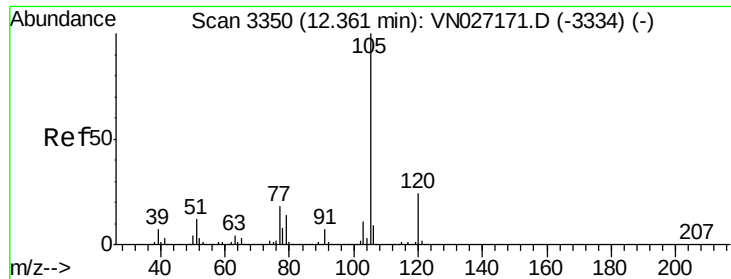
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#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion:152 Resp: 416316
Ion Ratio Lower Upper
152 100
115 68.0 30.8 92.3
150 156.5 0.0 345.0





#74

Isopropylbenzene

Concen: 1.38 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027279.D

Acq: 18 Sep 2015 3:10

Instrument :

MSVOA_N

ClientSampled :

MW-2

Tot Ion:105 Resp: 63380

Ion Ratio Lower Upper

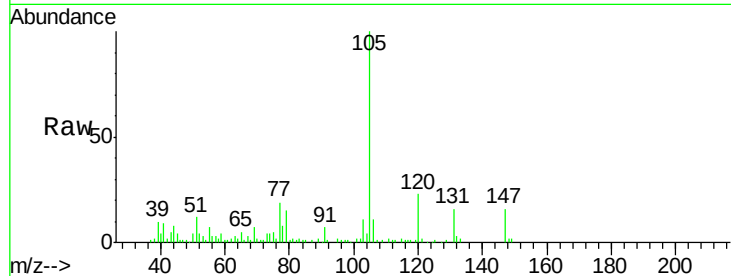
105 100

120 22.5 12.4 37.2

Manual Integrations
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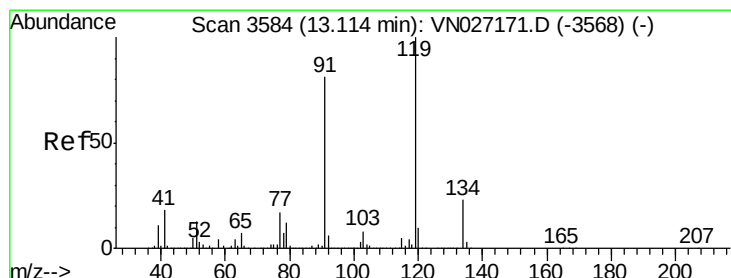
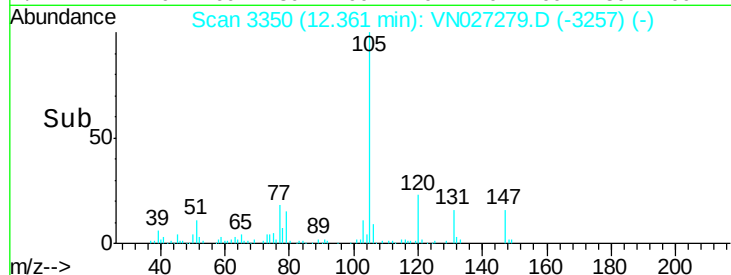
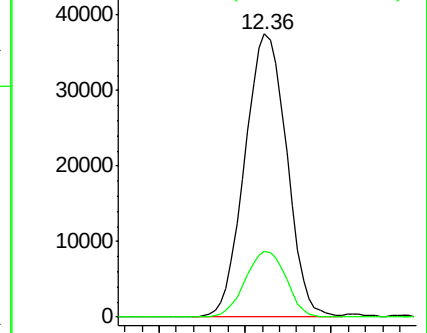
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

tert-Butylbenzene

Concen: 0.47 ug/l

RT: 13.11 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN027279.D

Acq: 18 Sep 2015 3:10

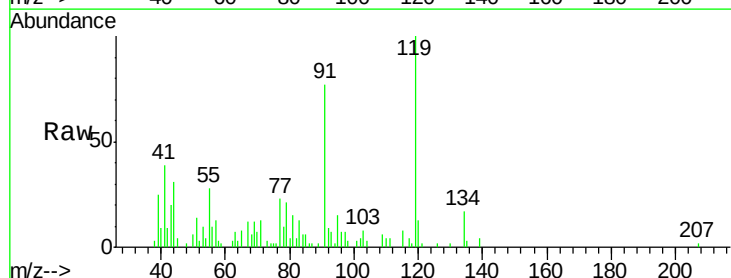
Tgt Ion:119 Resp: 14375

Ion Ratio Lower Upper

119 100

91 77.2 34.6 103.8

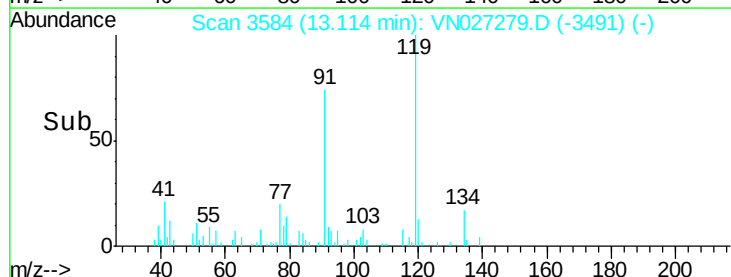
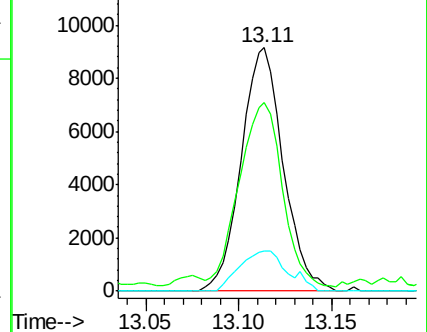
134 18.9 11.4 34.2

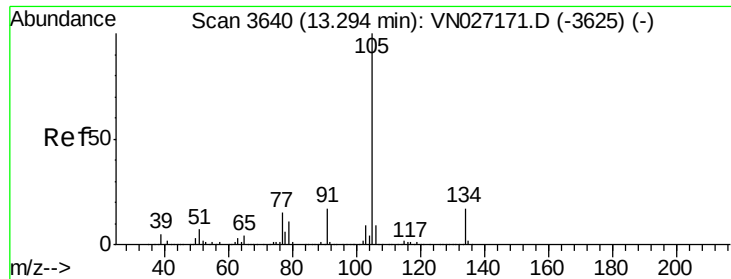


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#86
 sec-Butylbenzene
 Concen: 0.49 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027279.D
 Acq: 18 Sep 2015 3:10

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

Tot Ion	Ratio	Resp	Lower	Upper
105	100	21969		
134	37.1	8.8	26.4#	

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:24:16 PM

