

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027249.D
 Acq On : 17 Sep 2015 12:26
 Operator : MD\FY
 Sample : G3707-05 0.2PPB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:22:38 PM

Quant Time: Sep 18 02:15:36 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	518442	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	974744	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	812873	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	266101	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	535128	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
36) Dibromofluoromethane	7.68	113	334496	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
51) Toluene-d8	10.19	98	1291950	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
63) 4-Bromofluorobenzene	12.52	95	417447	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	1222	0.20	ug/l	75
3) Chlorodifluoromethane	1.82	51	1789	0.25	ug/l	96
4) Chloromethane	2.00	50	3030	1.54	ug/l	95
5) Vinyl Chloride	2.14	62	2535	0.35	ug/l	97
6) Bromomethane	2.54	94	1533	2.01	ug/l	100
7) Chloroethane	2.69	64	1424	0.29	ug/l	# 50
8) Trichlorofluoromethane	3.02	101	2595m	0.23	ug/l	
9) Diethyl Ether	3.45	74	1221m	0.24	ug/l	
10) 1,1,2-Trichlorotrifluoroet	3.79	101	1688m	0.24	ug/l	
13) 1,1-Dichloroethene	3.76	96	1791	0.27	ug/l	# 89
18) Carbon Disulfide	4.11	76	6173	0.28	ug/l	# 79
20) Methyl tert-butyl Ether	5.12	73	6953m	0.26	ug/l	
21) Methylene Chloride	4.61	84	2358m	0.30	ug/l	
22) trans-1,2-Dichloroethene	5.12	96	2082m	0.29	ug/l	
23) Diisopropyl ether	6.04	45	6417	0.23	ug/l	# 70
25) 1,1-Dichloroethane	5.93	63	4503m	0.27	ug/l	
27) 2,2-Dichloropropane	6.92	77	4297	0.30	ug/l	# 75
28) cis-1,2-Dichloroethene	6.92	96	2432m	0.29	ug/l	
30) Tetrahydrofuran	7.35	42	3438m	1.16	ug/l	
31) Chloroform	7.46	83	4140	0.28	ug/l	93
32) Cyclohexane	7.75	56	20907	0.52	ug/l	# 23
33) 1,1,1-Trichloroethane	7.66	97	3520m	0.27	ug/l	
37) 1,1-Dichloropropene	7.89	75	3029	0.27	ug/l	# 67
39) Carbon Tetrachloride	7.89	117	1857	0.17	ug/l	# 85
40) Methylcyclohexane	9.19	83	3363	0.24	ug/l	# 83
41) Benzene	8.15	78	8348	0.25	ug/l	# 83
43) 1,2-Dichloroethane	8.23	62	3139	0.23	ug/l	81
44) Isopropyl Acetate	8.25	43	3978	0.22	ug/l	# 88
45) Trichloroethene	8.93	130	1749	0.26	ug/l	86
46) 1,2-Dichloropropane	9.22	63	2471	0.26	ug/l	# 89
47) Dibromomethane	9.31	93	1398	0.25	ug/l	# 55
48) Bromodichloromethane	9.49	83	3260	0.28	ug/l	# 75
49) Methyl methacrylate	9.30	41	1525	0.17	ug/l	# 84
52) 4-Methyl-2-Pentanone	10.07	43	11646	1.21	ug/l	97

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Instrument :
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 LOD-WATER2015-01

Manual Integrations
 APPROVED

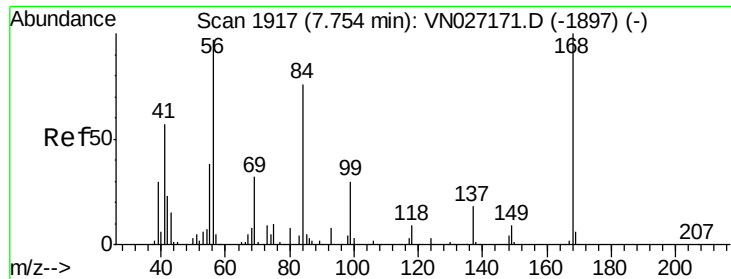
MMDadoda
 9/18/2015 12:22:38 PM

Quant Time: Sep 18 02:15:36 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

53) Toluene	10.26	92	4855	0.25	ug/l	88
54) t-1,3-Dichloropropene	10.48	75	2730	0.21	ug/l #	40
55) cis-1,3-Dichloropropene	9.94	75	2890	0.20	ug/l #	86
56) 1,1,2-Trichloroethane	10.66	97	1691	0.23	ug/l	94
57) Ethyl methacrylate	10.52	69	3120	0.25	ug/l #	82
58) 1,3-Dichloropropane	10.81	76	2889	0.21	ug/l #	74
60) 2-Hexanone	10.85	43	6585	1.00	ug/l	94
61) Dibromochloromethane	11.00	129	1600	0.21	ug/l	100
62) 1,2-Dibromoethane	11.11	107	1589	0.22	ug/l	100
65) Tetrachloroethene	10.73	164	1768	0.34	ug/l #	63
66) Chlorobenzene	11.54	112	4114	0.21	ug/l #	72
67) 1,1,1,2-Tetrachloroethane	11.62	131	1602	0.24	ug/l #	53
68) Ethyl Benzene	11.62	91	8848	0.24	ug/l #	88
69) m/p-Xylenes	11.73	106	6044	0.48	ug/l	81
70) o-Xylene	12.06	106	2875	0.23	ug/l	69
71) Styrene	12.08	104	4241	0.21	ug/l #	82
72) Bromoform	12.24	173	911	0.20	ug/l #	28
74) Isopropylbenzene	12.36	105	7540	0.26	ug/l	96
75) N-amyl acetate	12.17	43	2874	0.22	ug/l #	89
76) 1,1,2,2-Tetrachloroethane	12.61	83	2644	Below	Cal	88
77) 1,2,3-Trichloropropane	12.66	75	3519m	0.44	ug/l	
78) Bromobenzene	12.64	156	1670	0.29	ug/l	88
79) n-propylbenzene	12.71	91	9048	0.26	ug/l	96
80) 2-Chlorotoluene	12.80	91	6439	0.31	ug/l	90
81) 1,3,5-Trimethylbenzene	12.85	105	5829	0.25	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.41	75	699m	0.21	ug/l	
83) 4-Chlorotoluene	12.89	91	5561	0.27	ug/l	97
84) tert-Butylbenzene	13.11	119	5194	0.27	ug/l	96
85) 1,2,4-Trimethylbenzene	13.16	105	5796	0.24	ug/l	93
86) sec-Butylbenzene	13.29	105	6292	0.22	ug/l	100
87) p-Isopropyltoluene	13.41	119	4849	0.22	ug/l	82
88) 1,3-Dichlorobenzene	13.41	146	3009	0.31	ug/l	83
89) 1,4-Dichlorobenzene	13.49	146	2657m	0.27	ug/l	
90) n-Butylbenzene	13.74	91	4421	0.21	ug/l #	89
91) Hexachloroethane	14.00	117	1077	0.22	ug/l	79
92) 1,2-Dichlorobenzene	13.78	146	2468	0.25	ug/l	88
96) Naphthalene	15.29	128	3019	0.20	ug/l #	79

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion:168 Resp: 518442

Ion Ratio Lower Upper

168 100

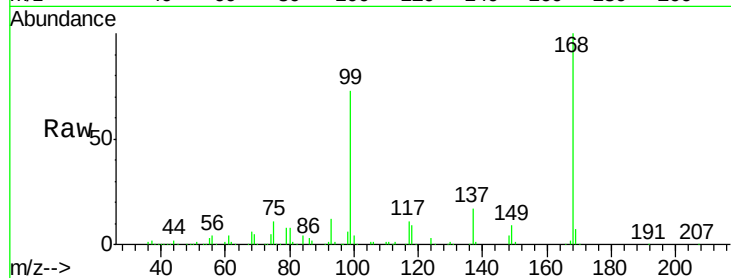
99 72.3 50.4 75.6

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

7.75

250000

200000

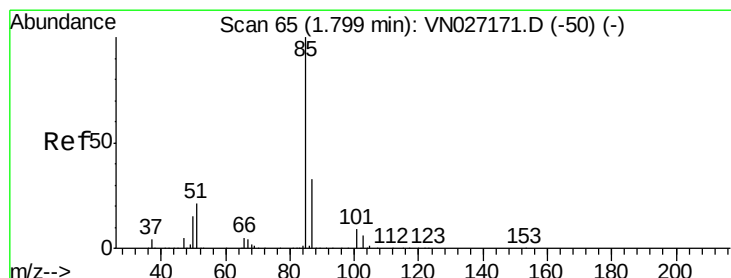
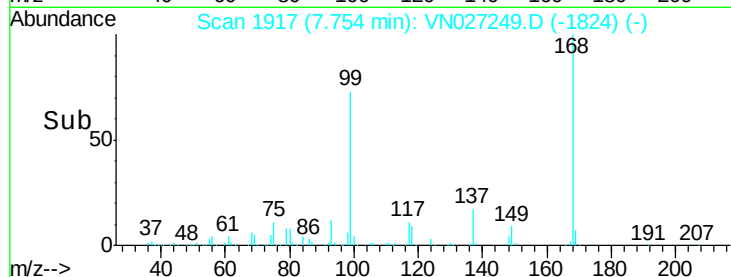
150000

100000

50000

0

Time--> 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 0.20 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027249.D

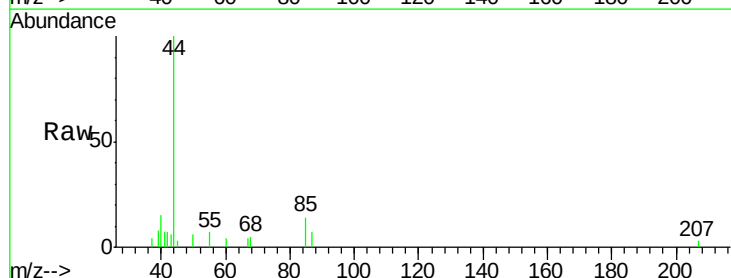
Acq: 17 Sep 2015 12:26

Tgt Ion: 85 Resp: 1222

Ion Ratio Lower Upper

85 100

87 46.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.80

800

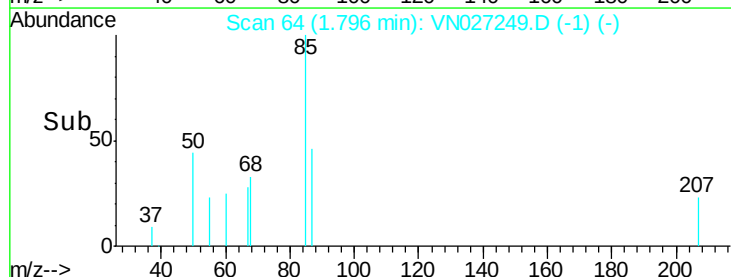
600

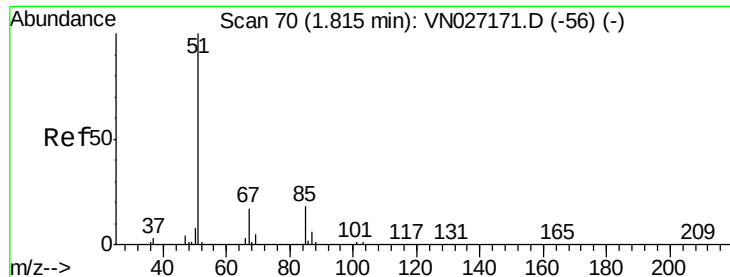
400

200

0

Time--> 1.76 1.78 1.80 1.82





#3

Chlorodifluoromethane

Concen: 0.25 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 51 Resp: 1789

Ion Ratio Lower Upper

51 100

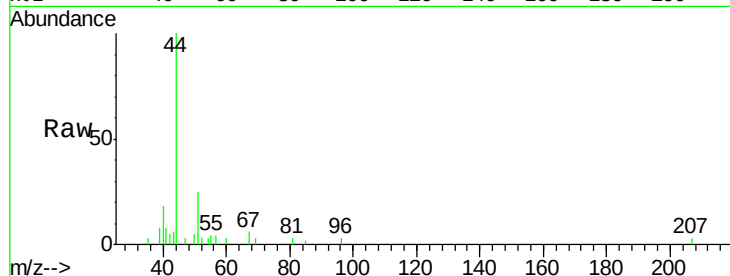
67 13.4 12.2 18.2

Manual Integrations

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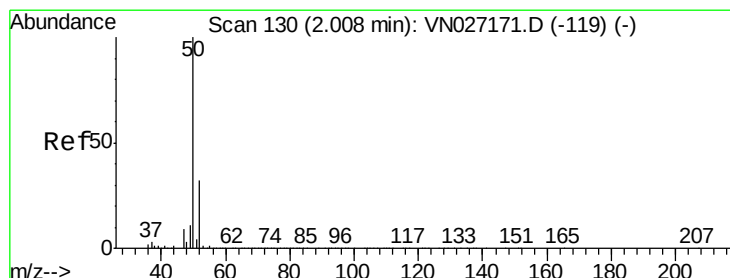
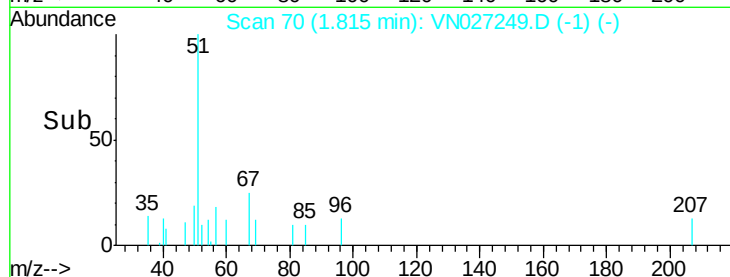
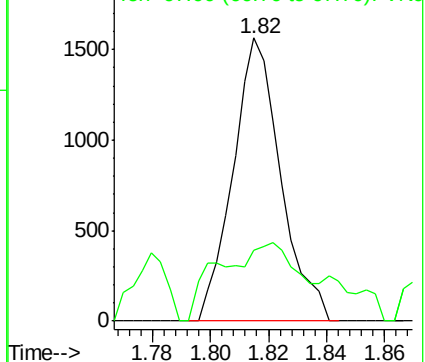
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Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 1.54 ug/l

RT: 2.00 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN027249.D

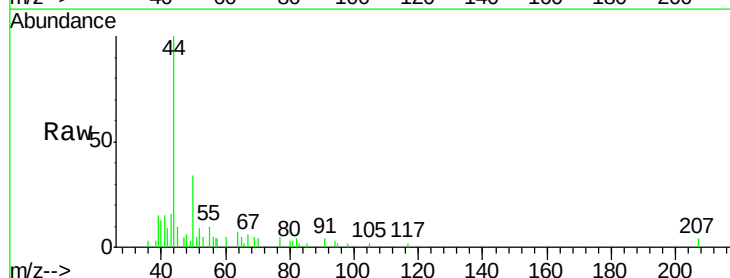
Acq: 17 Sep 2015 12:26

Tgt Ion: 50 Resp: 3030

Ion Ratio Lower Upper

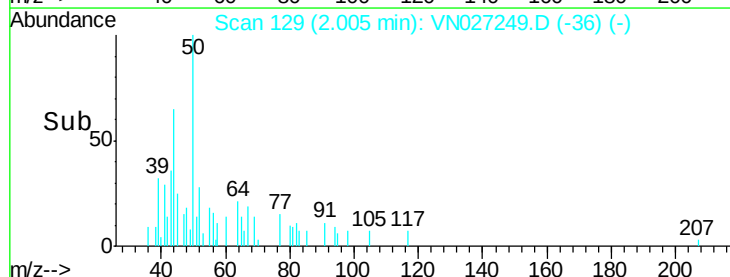
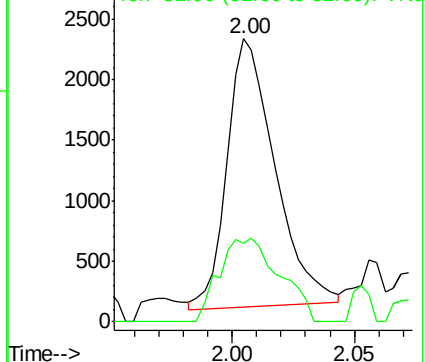
50 100

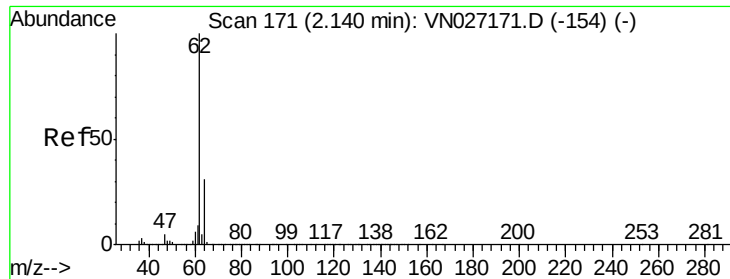
52 29.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 0.35 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 62 Resp: 2535

Ion Ratio Lower Upper

62 100

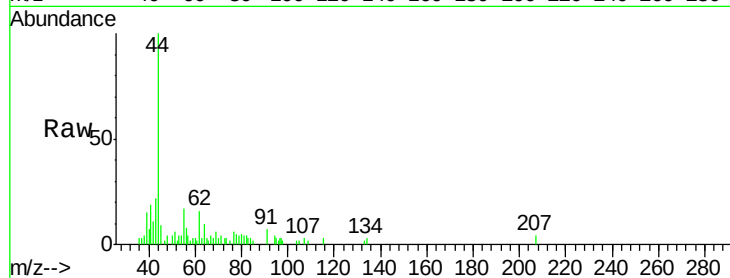
64 33.8 25.9 38.9

Manual Integrations

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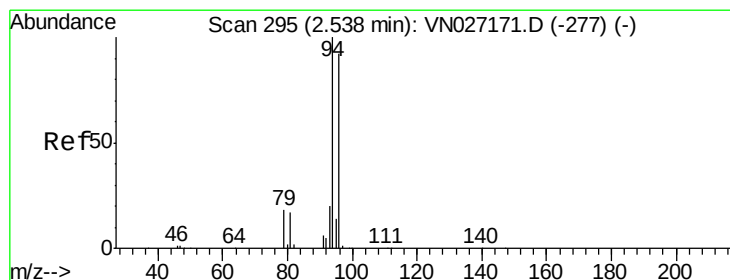
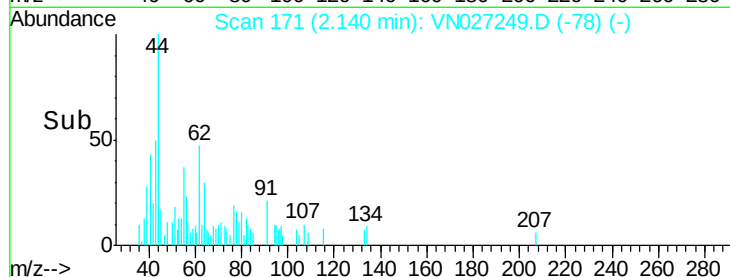
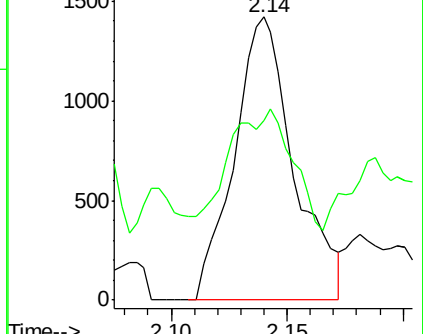
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Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC



#6

Bromomethane

Concen: 2.01 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.01 min

Lab File: VN027249.D

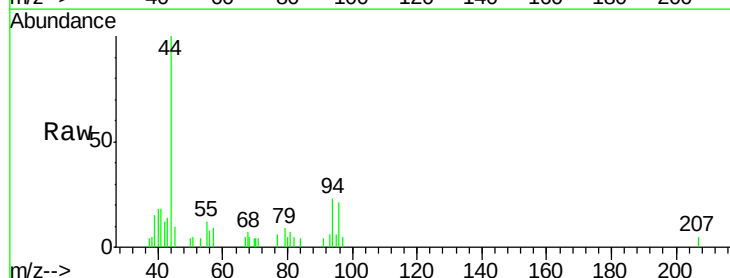
Acq: 17 Sep 2015 12:26

Tgt Ion: 94 Resp: 1533

Ion Ratio Lower Upper

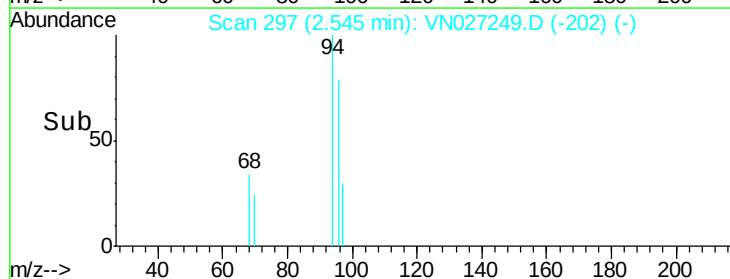
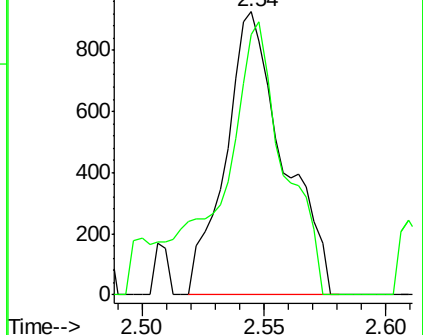
94 100

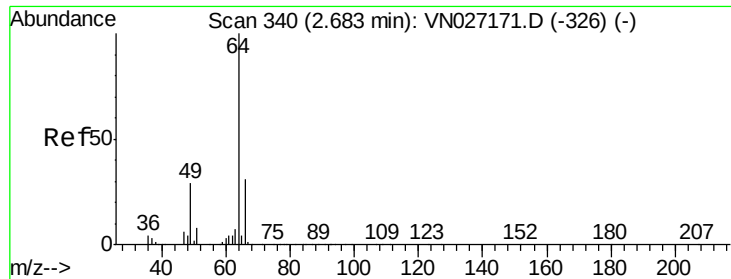
96 91.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC





#7

Chloroethane

Concen: 0.29 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 64 Resp: 1424

Ion Ratio Lower Upper

64 100

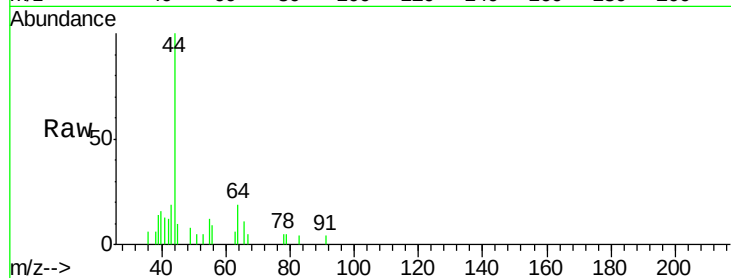
66 59.6 25.5 38.3#

Manual Integrations

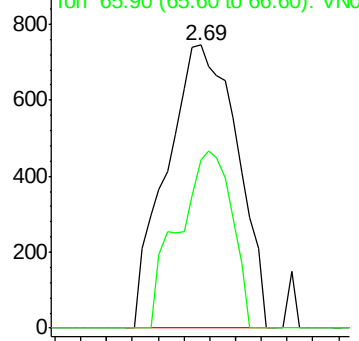
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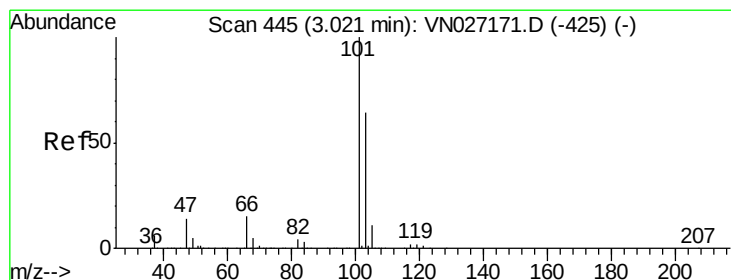
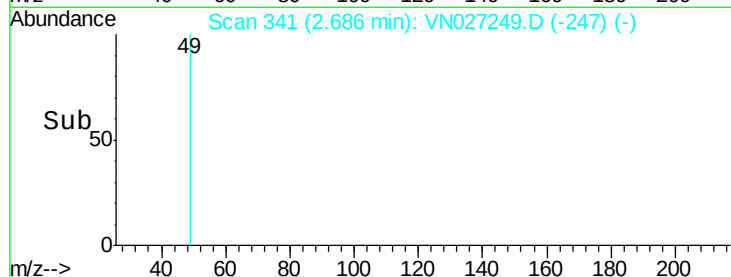
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Abundance Ion 63.90 (63.60 to 64.60): VN027171.D (-326) (-)



Time-->



#8

Trichlorofluoromethane

Concen: 0.23 ug/l m

RT: 3.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VN027249.D

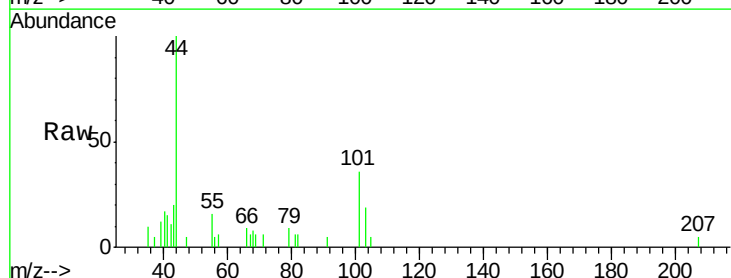
Acq: 17 Sep 2015 12:26

Tgt Ion: 101 Resp: 2595

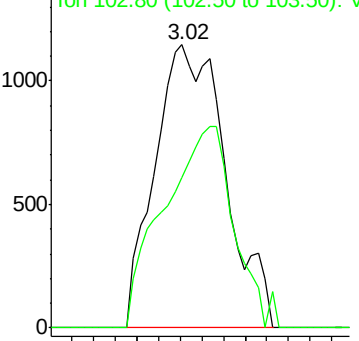
Ion Ratio Lower Upper

101 100

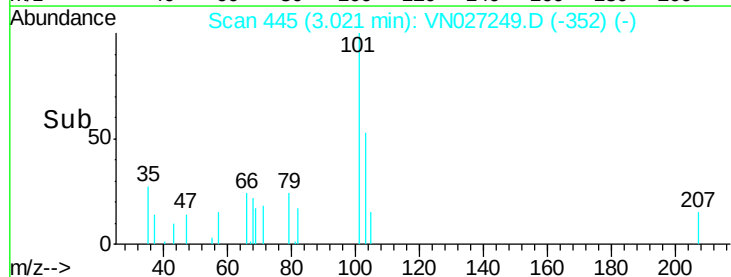
103 53.2 52.6 79.0

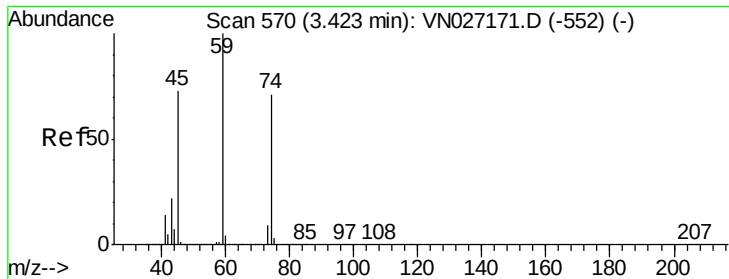


Abundance Ion 100.90 (100.60 to 101.60): VN027171.D (-425) (-)



Time-->





#9

Diethyl Ether

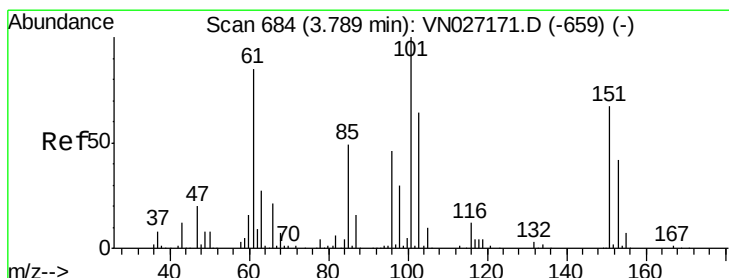
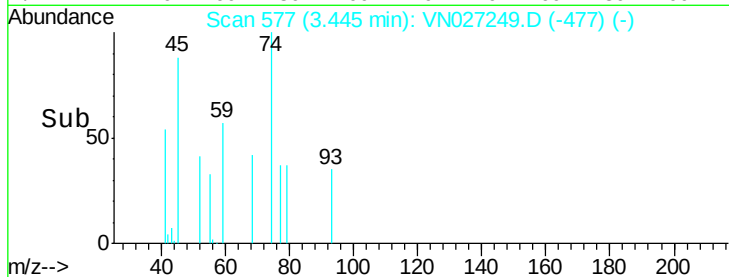
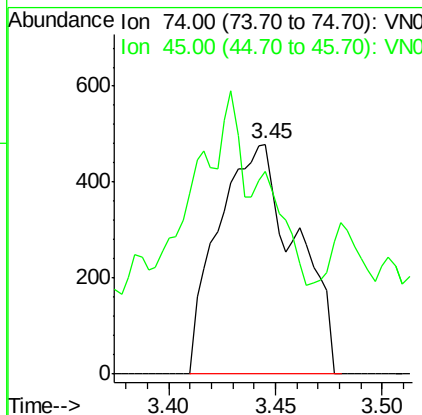
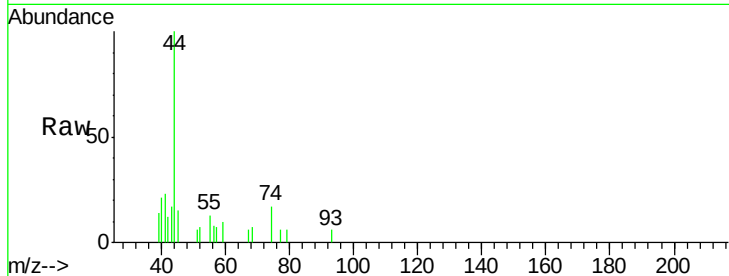
Concen: 0.24 ug/l m
RT: 3.45 min Scan# 577
Delta R.T. 0.02 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion: 74 Resp: 1221
Ion Ratio Lower Upper
74 100
45 9.7 58.1 174.3#

Manual Integrations
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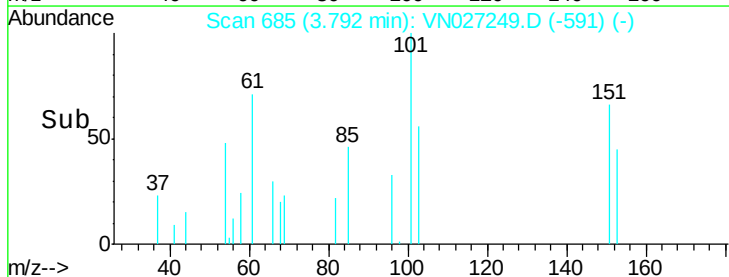
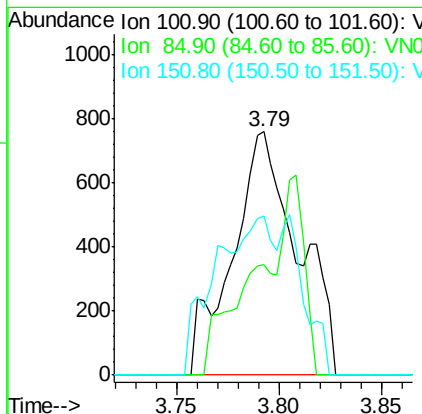
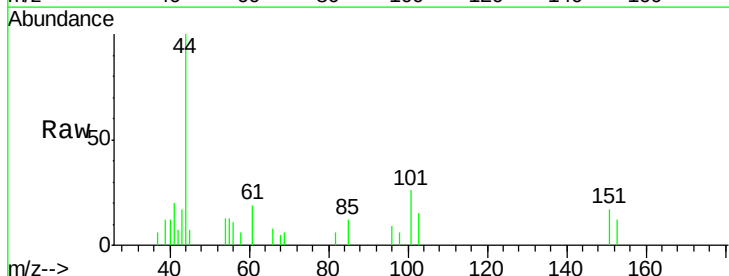


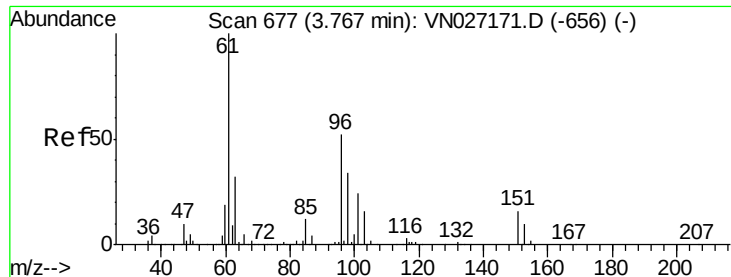
#10

1,1,2-Trichlorotrifluoroethane

Concen: 0.24 ug/l m
RT: 3.79 min Scan# 685
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Tgt Ion: 101 Resp: 1688
Ion Ratio Lower Upper
101 100
85 33.1 37.4 56.0#
151 0.0 55.9 83.9#





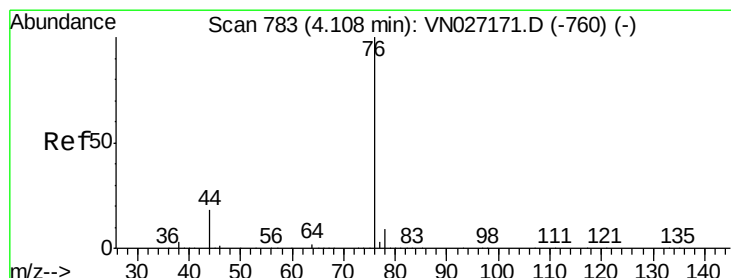
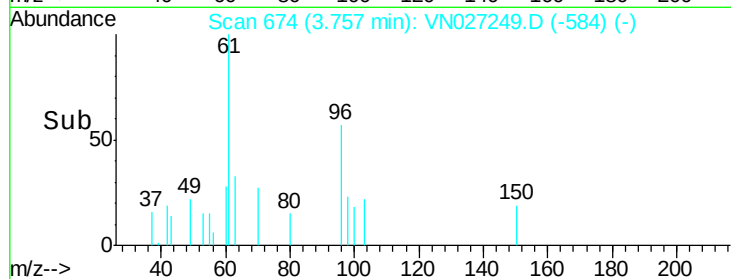
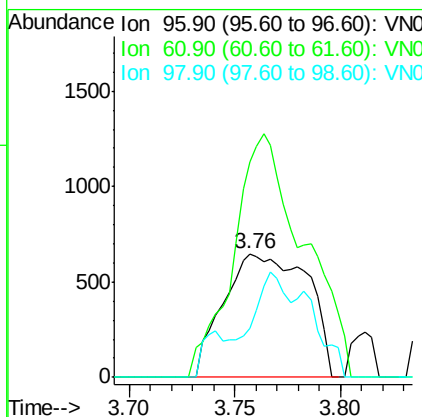
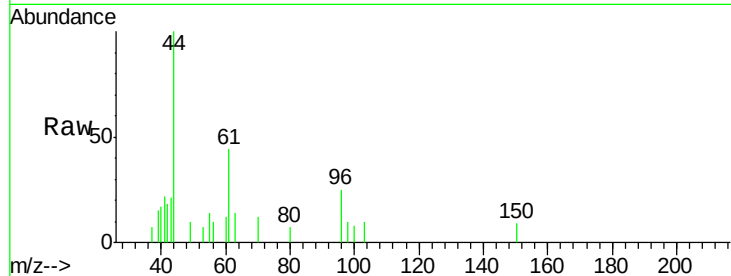
#13
 1,1-Dichloroethene
 Concen: 0.27 ug/l
 RT: 3.76 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.0	143.8	215.8
98	39.6	50.3	75.5#

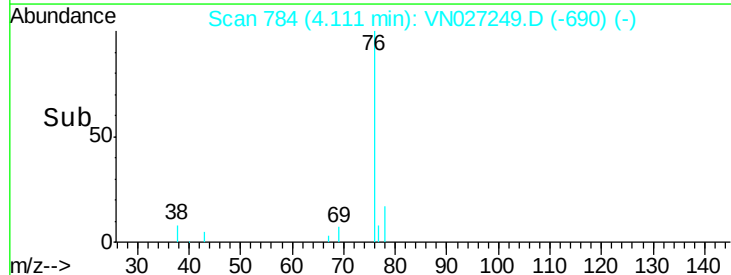
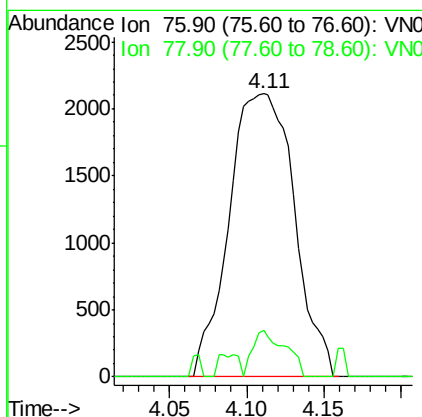
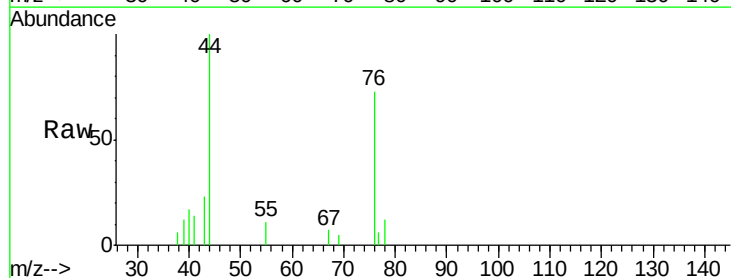
Manual Integrations
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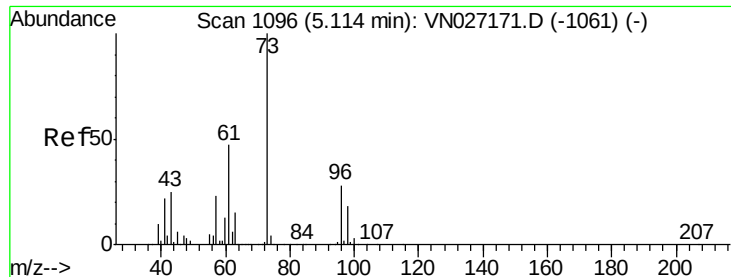
MMDadoda
 9/18/2015 12:22:38 PM



#18
 Carbon Disulfide
 Concen: 0.28 ug/l
 RT: 4.11 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
76	100		
78	16.6	7.1	10.7#





#20

Methyl tert-butyl Ether

Concen: 0.26 ug/l m

RT: 5.12 min Scan# 1099

Delta R.T. 0.01 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 73 Resp: 6953

Ion Ratio Lower Upper

73 100

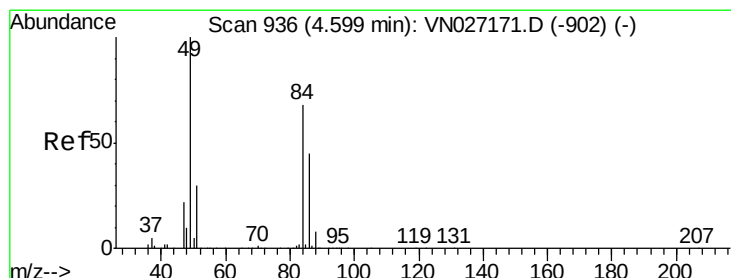
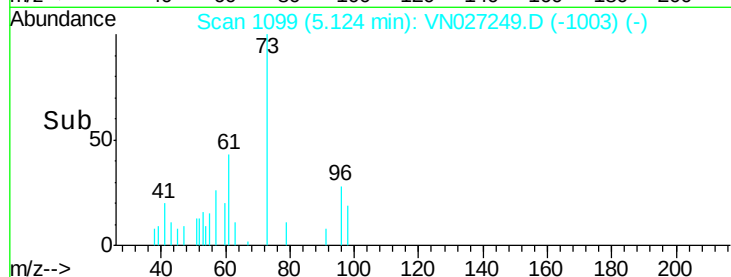
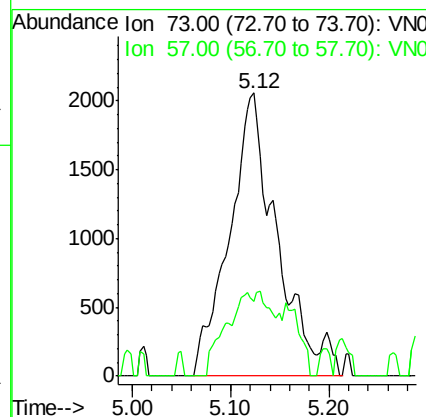
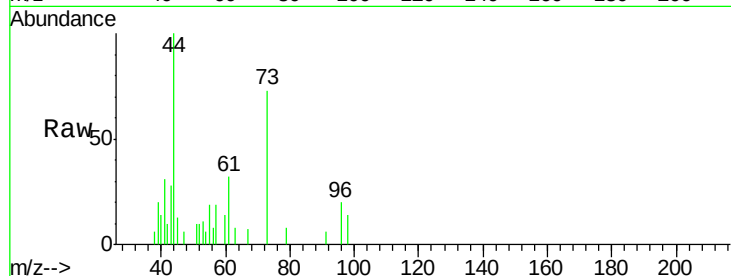
57 26.3 19.8 29.6

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#21

Methylene Chloride

Concen: 0.30 ug/l m

RT: 4.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Tgt Ion: 84 Resp: 2358

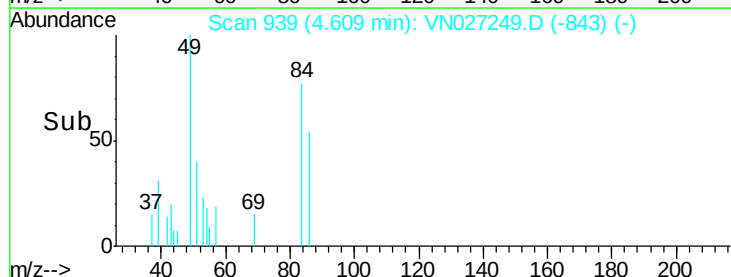
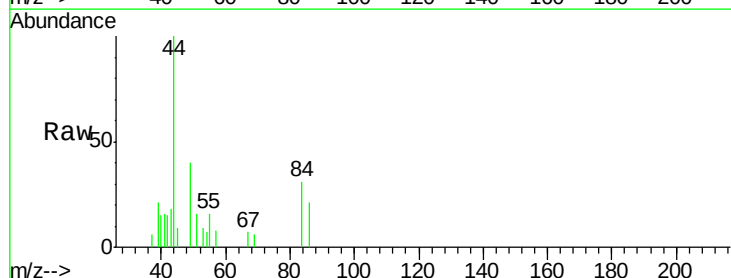
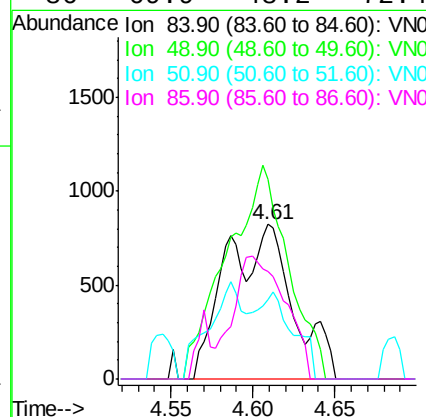
Ion Ratio Lower Upper

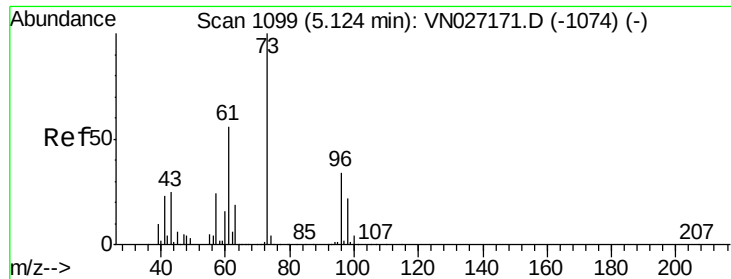
84 100

49 129.6 112.3 168.5

51 51.8 33.8 50.8#

86 69.9 48.2 72.4





#22

trans-1,2-Dichloroethene

Concen: 0.29 ug/l m

RT: 5.12 min Scan# 1097

Delta R.T. -0.01 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

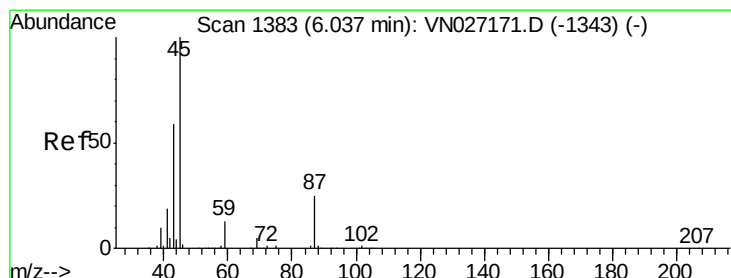
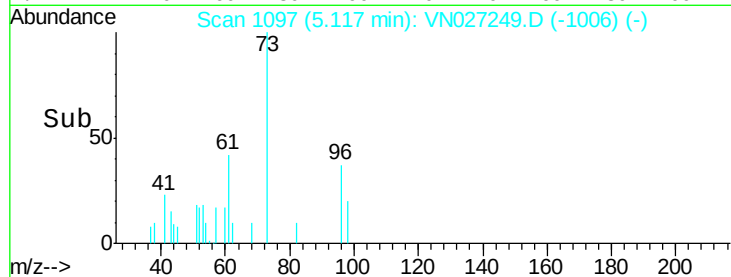
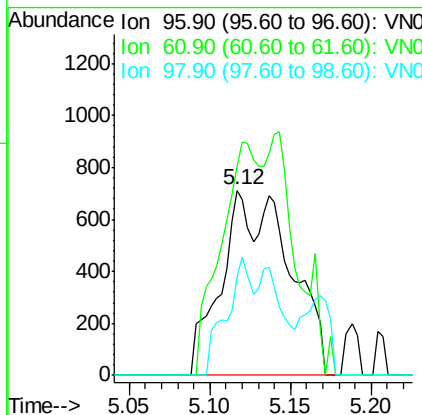
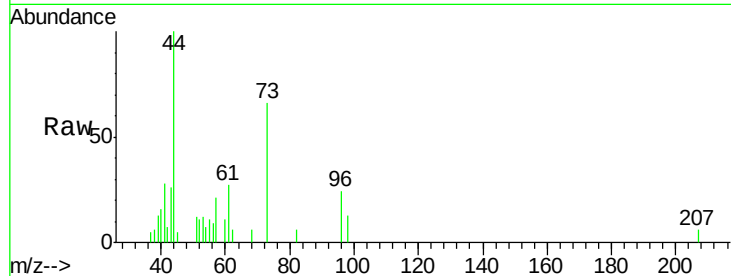
ClientSampleId :

LOD-WATER2015-01

Tot Ion:	96	Resp:	2082
Ion	Ratio	Lower	Upper
96	100		
61	113.0	126.6	189.8#
98	53.7	47.4	71.2

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#23

Diisopropyl ether

Concen: 0.23 ug/l

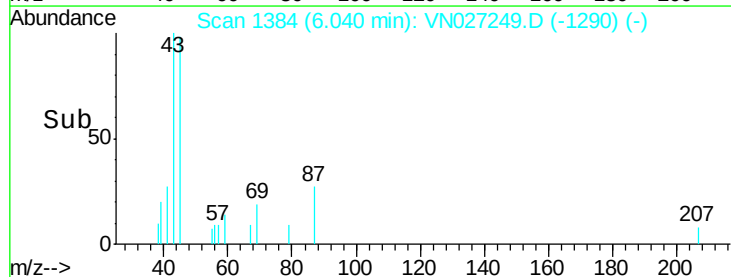
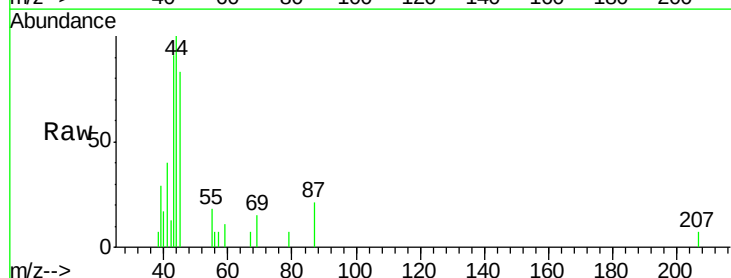
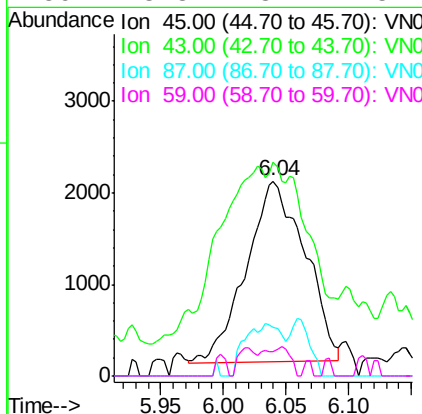
RT: 6.04 min Scan# 1384

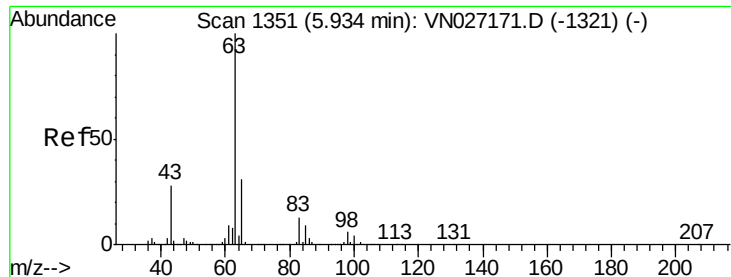
Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Tgt Ion:	45	Resp:	6417
Ion	Ratio	Lower	Upper
45	100		
43	81.7	41.0	61.6#
87	27.1	17.5	26.3#
59	13.8	8.7	13.1#





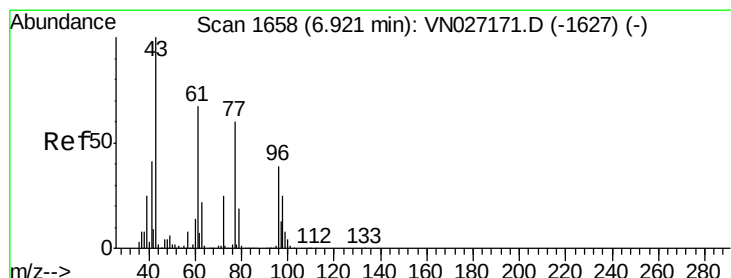
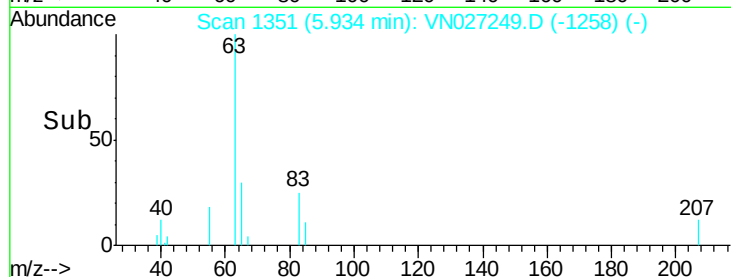
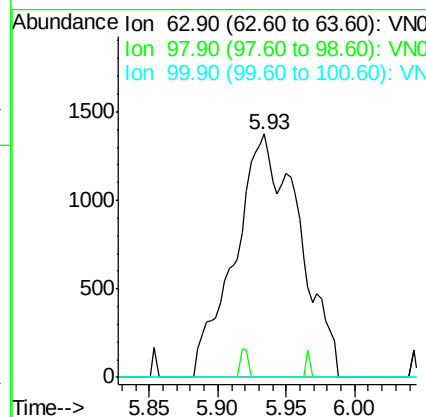
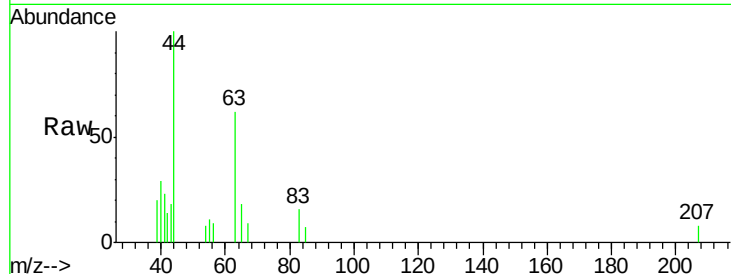
#25
 1,1-Dichloroethane
 Concen: 0.27 ug/l m
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.8	8.3#
100	0.0	1.7	5.0#

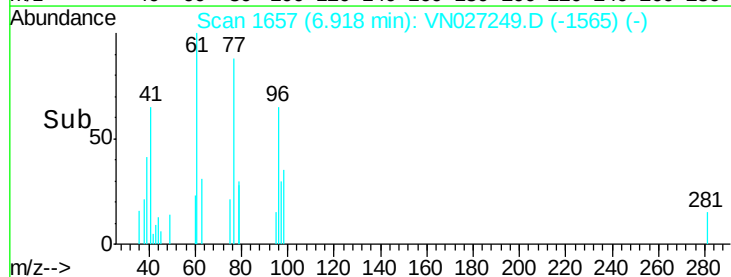
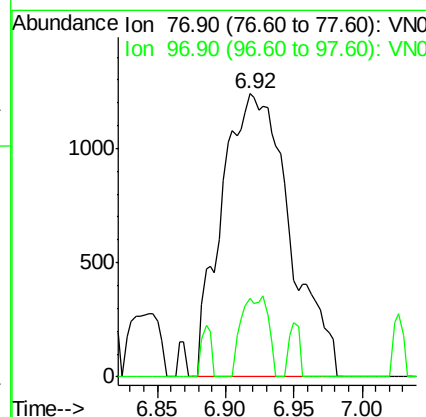
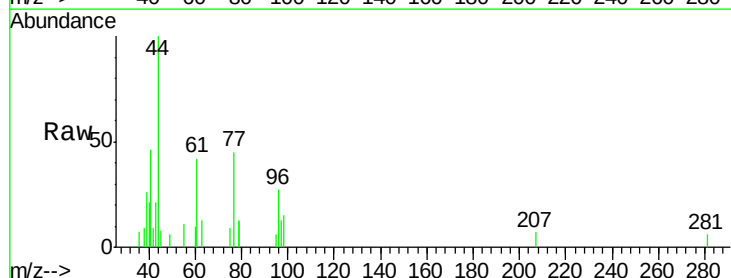
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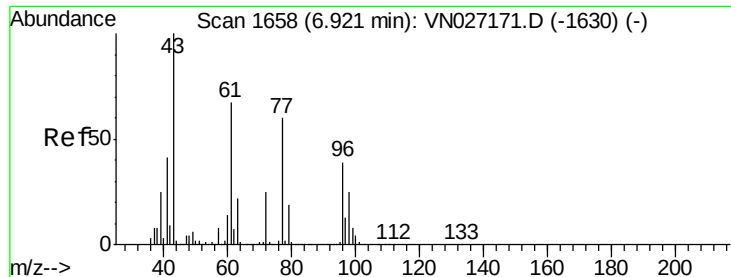
MMDadoda
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#27
 2,2-Dichloropropane
 Concen: 0.30 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
77	100		
97	11.3	11.8	35.3#





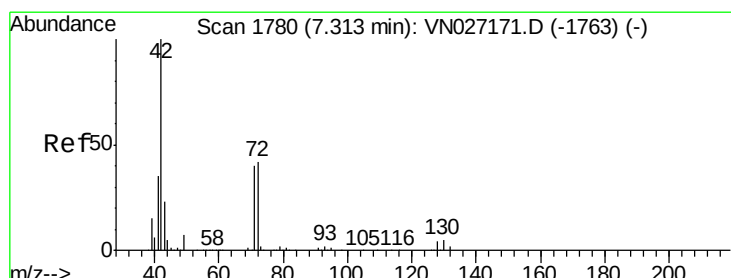
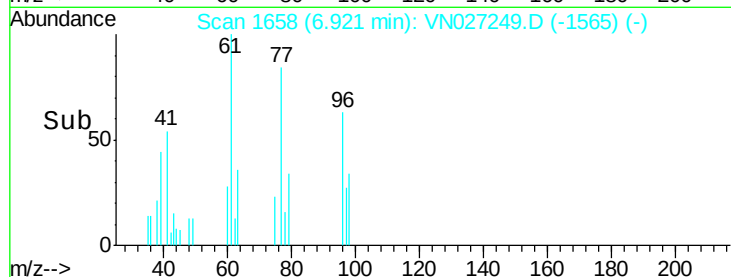
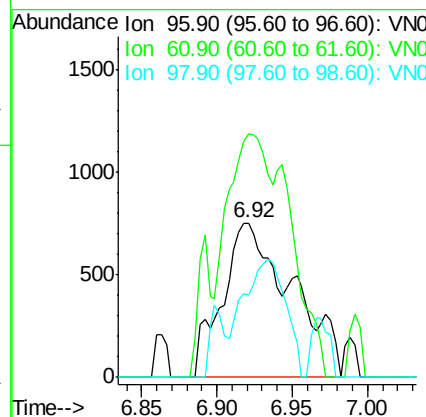
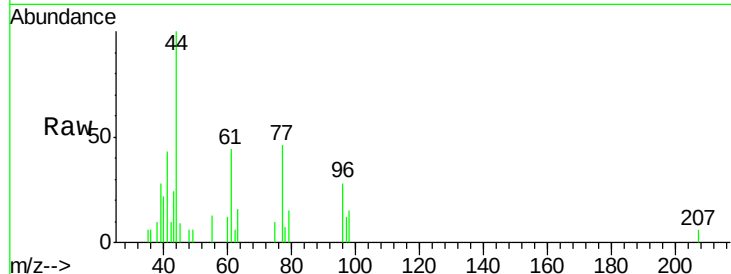
#28
 cis-1,2-Dichloroethene
 Concen: 0.29 ug/l m
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
96	100		
61	62.5	0.0	329.2
98	45.9	0.0	126.0

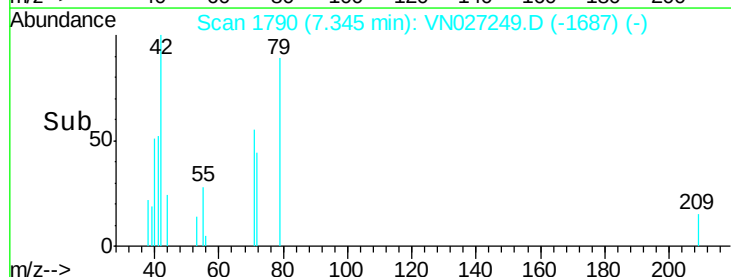
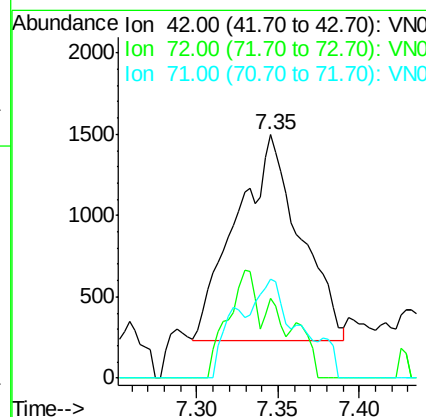
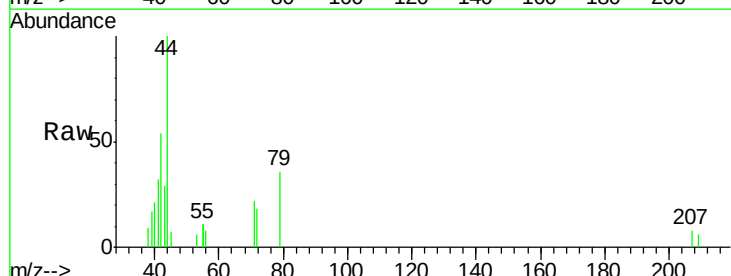
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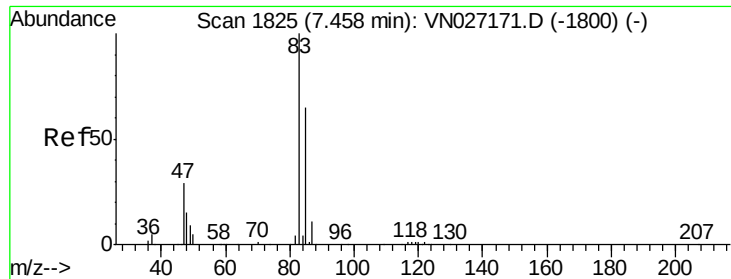
MMDadoda
 9/18/2015 12:22:38 PM



#30
 Tetrahydrofuran
 Concen: 1.16 ug/l m
 RT: 7.35 min Scan# 1790
 Delta R.T. 0.03 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
42	100		
72	23.8	29.9	44.9#
71	11.8	28.3	42.5#





#31

Chloroform

Concen: 0.28 ug/l

RT: 7.46 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 83 Resp: 4140

Ion Ratio Lower Upper

83 100

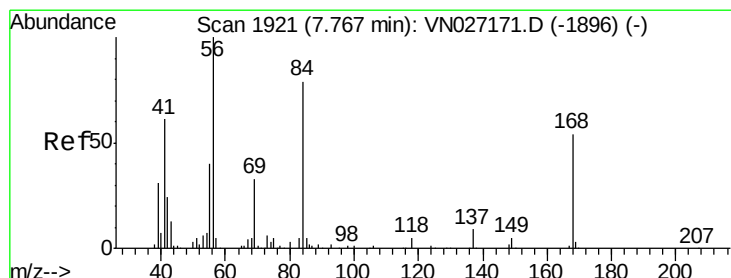
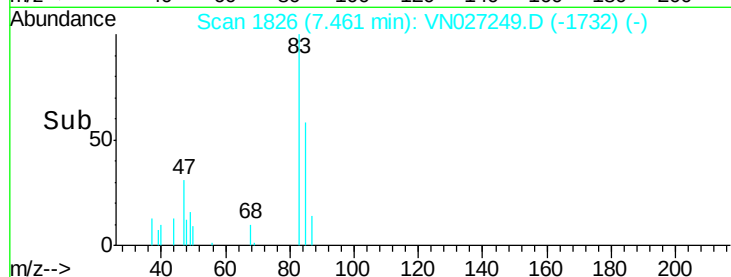
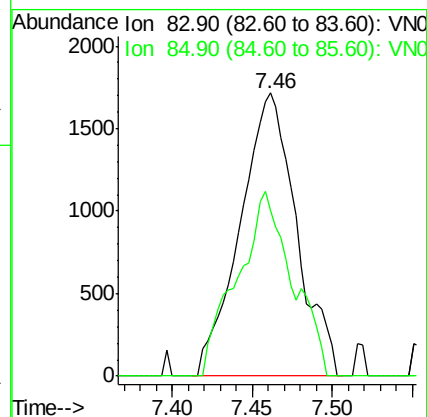
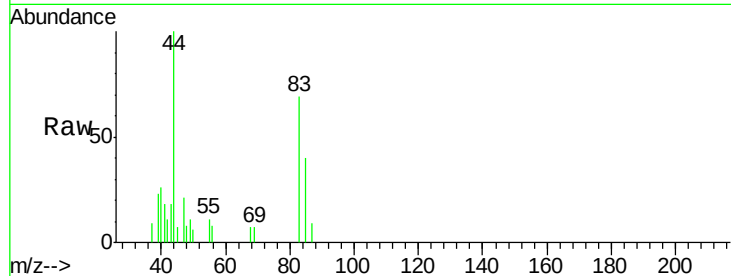
85 58.4 51.1 76.7

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#32

Cyclohexane

Concen: 0.52 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. -0.02 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

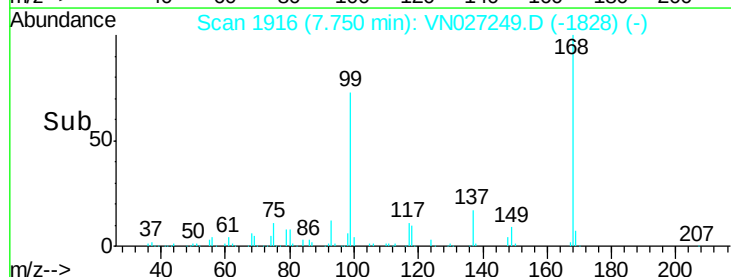
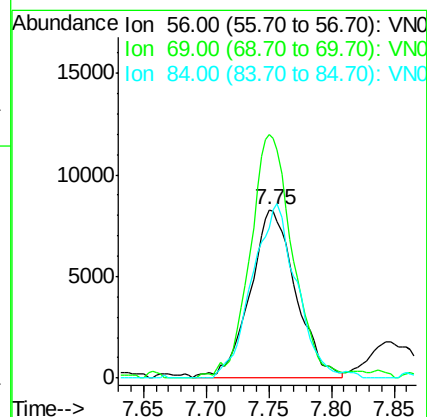
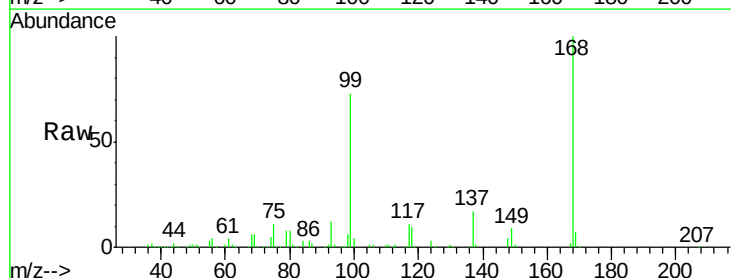
Tgt Ion: 56 Resp: 20907

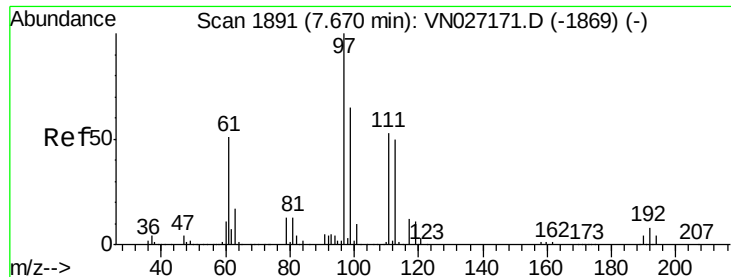
Ion Ratio Lower Upper

56 100

69 144.8 23.0 34.4#

84 89.7 57.8 86.8#





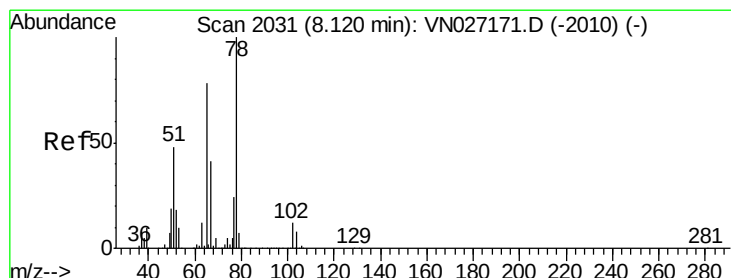
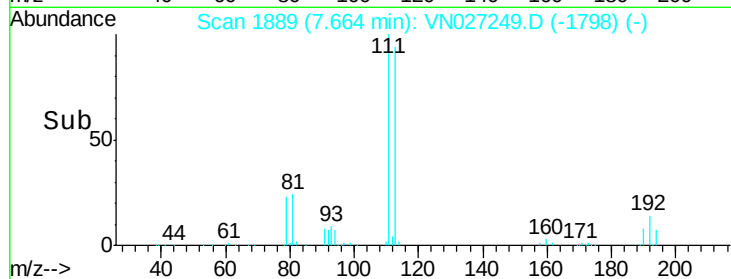
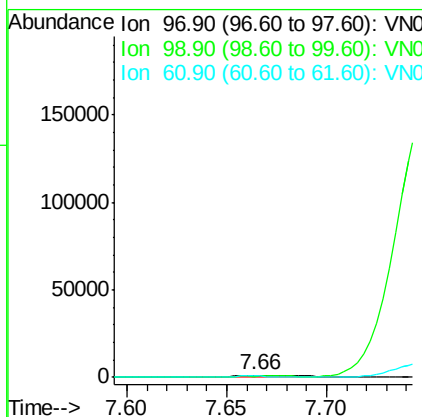
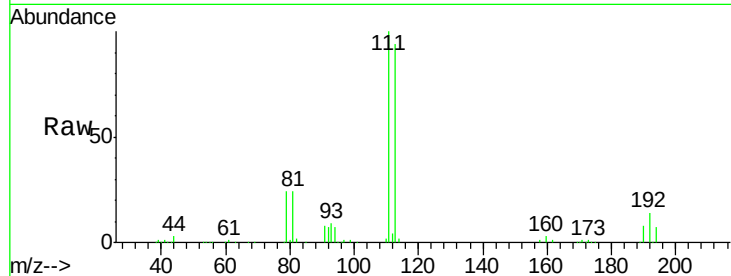
#33
 1,1,1-Trichloroethane
 Concen: 0.27 ug/l m
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.1	75.1#
61	47.5	44.0	66.0

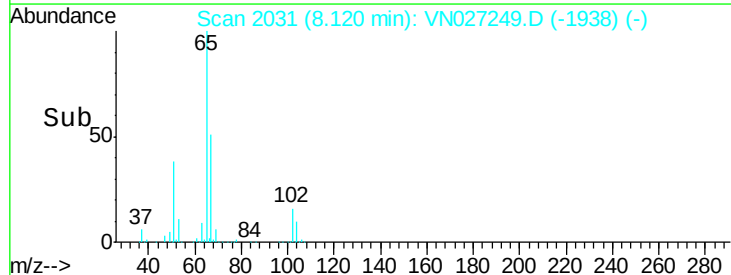
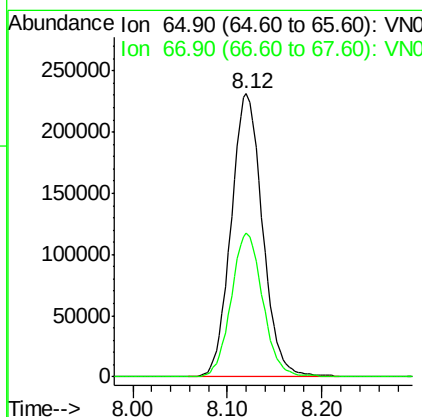
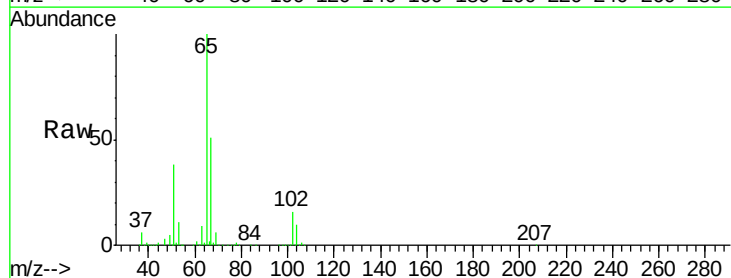
Manual Integrations
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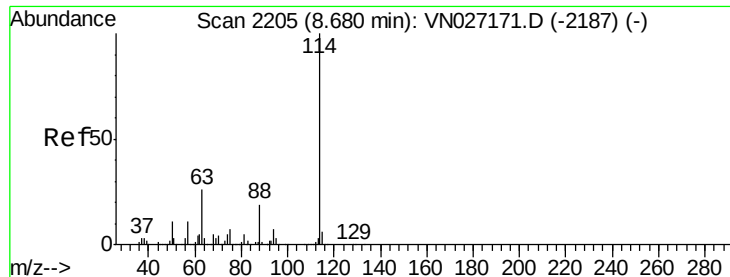
MMDadoda
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#34
 1,2-Dichloroethane-d4
 Concen: 50.38 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	110.6





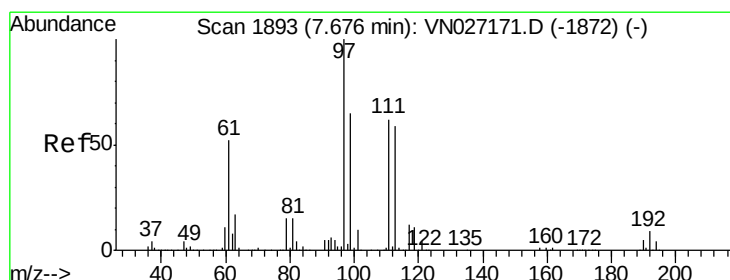
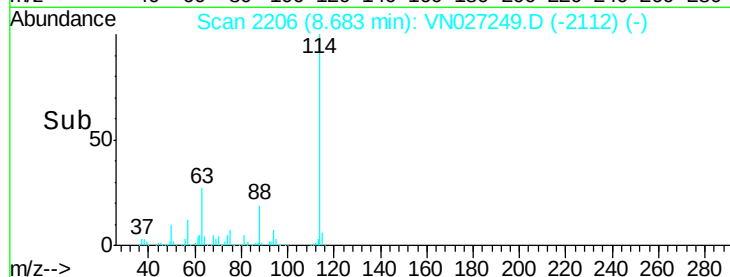
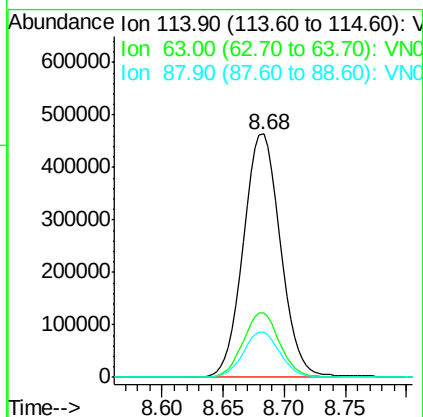
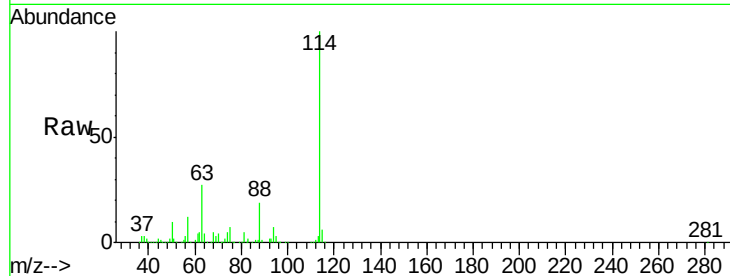
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Resp	Lower	Upper
114	100	974744		
63	26.7		0.0	48.8
88	18.8		0.0	32.2

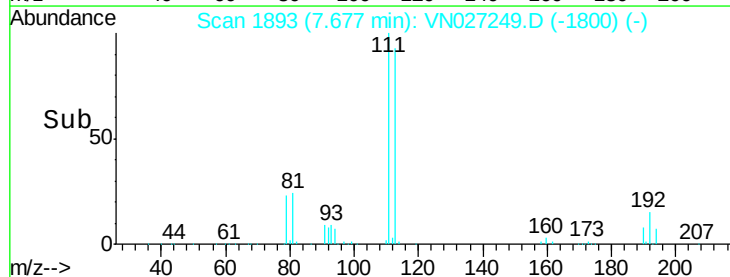
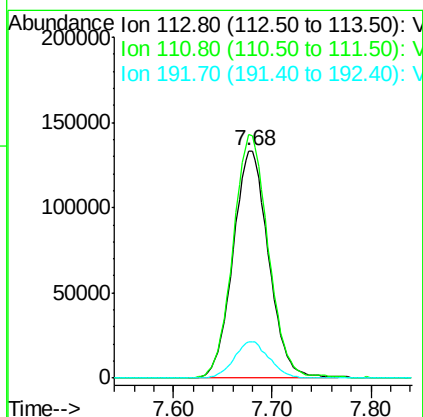
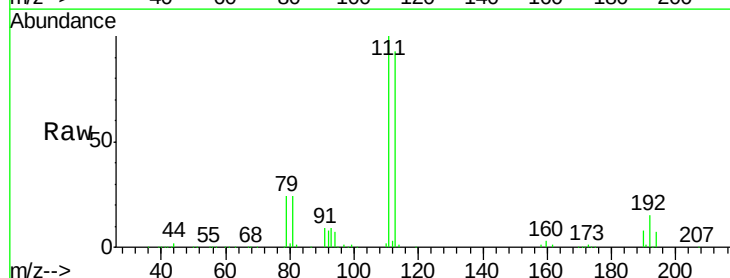
Manual Integrations
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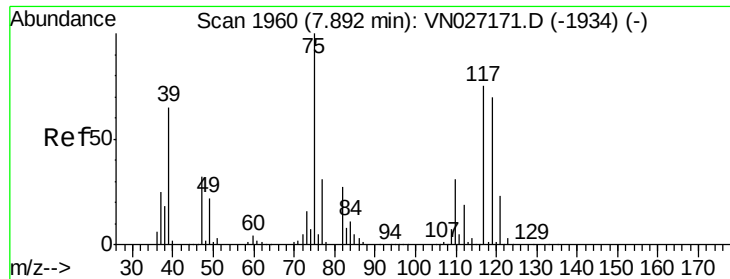
MMDadoda
 9/18/2015 12:22:38 PM



#36
 Dibromofluoromethane
 Concen: 49.51 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	334496		
111	105.5		83.0	124.4
192	16.0		14.1	21.1





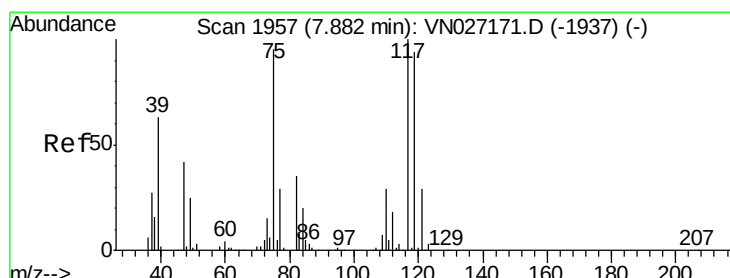
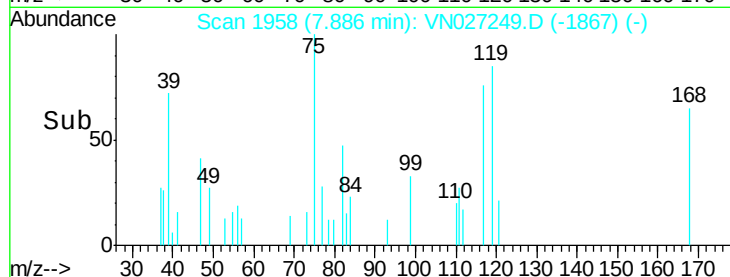
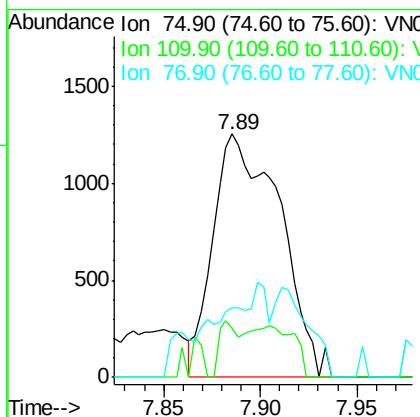
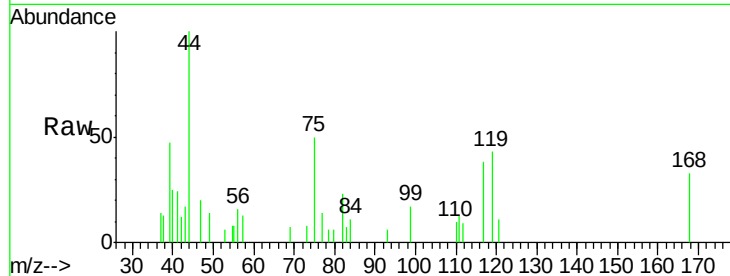
#37
 1,1-Dichloropropene
 Concen: 0.27 ug/l
 RT: 7.89 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.9	47.7#
77	26.1	24.9	37.3

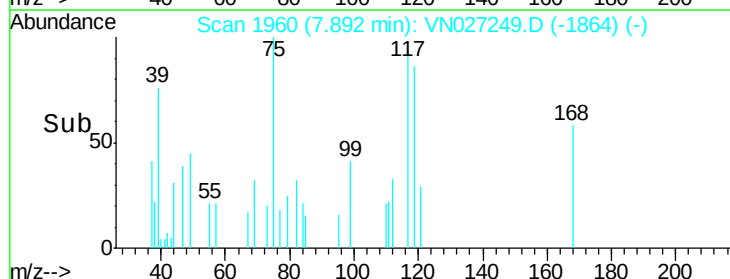
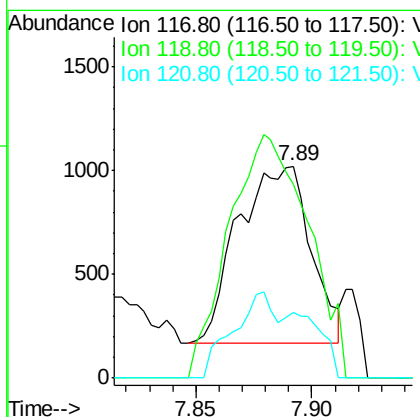
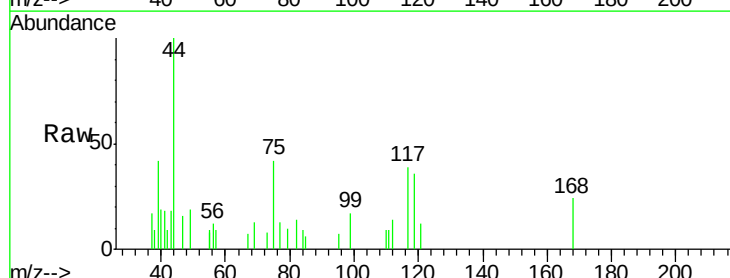
Manual Integrations
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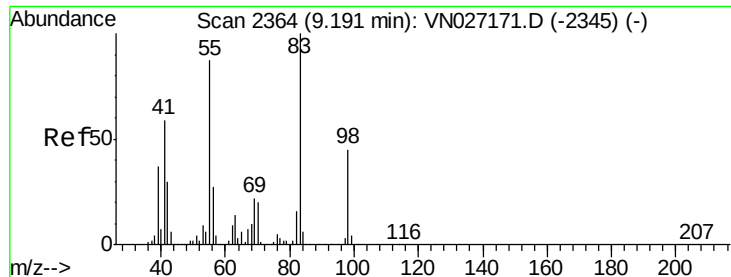
MMDadoda
 9/18/2015 12:22:38 PM



#39
 Carbon Tetrachloride
 Concen: 0.17 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.01 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	109.6	75.3	112.9
121	37.1	23.8	35.8#





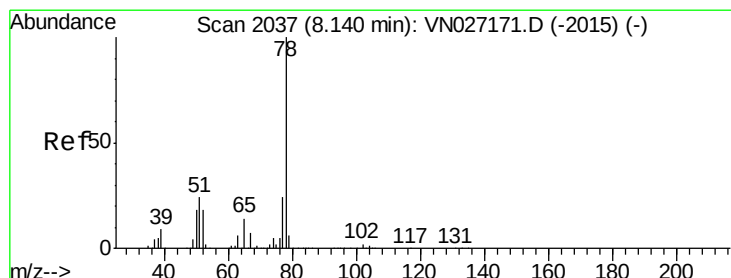
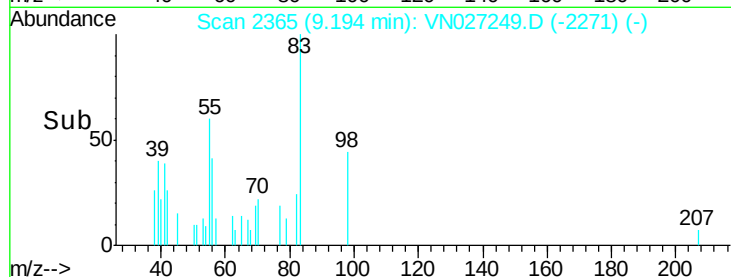
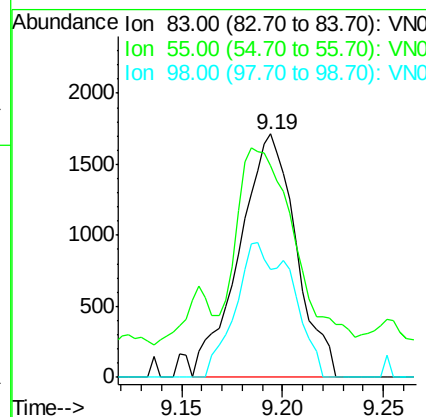
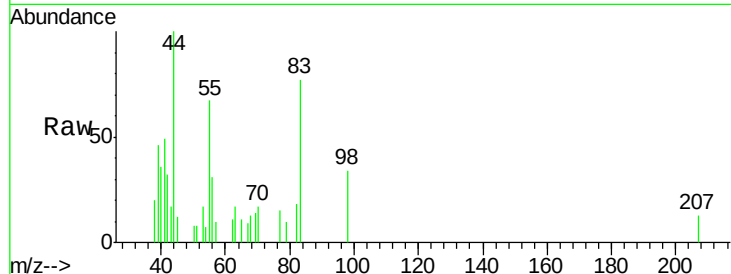
#40
Methylvlcyclohexane
Concen: 0.24 ug/l
RT: 9.19 min Scan# 2365
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.2	69.8	104.8#
98	44.3	34.3	51.5

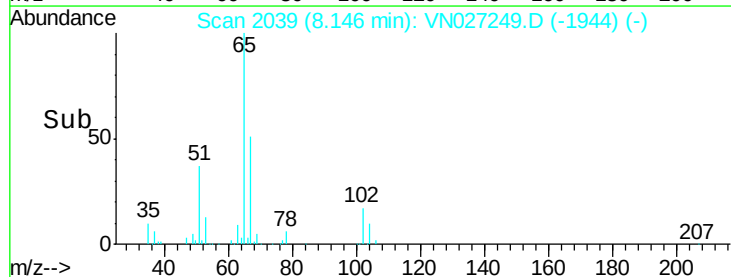
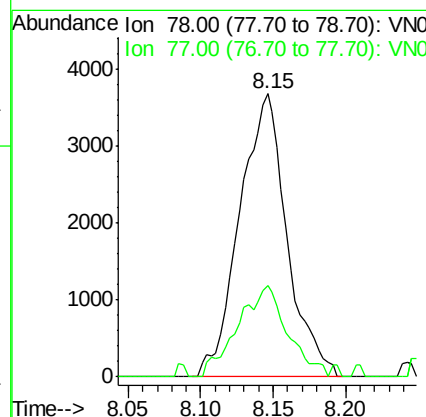
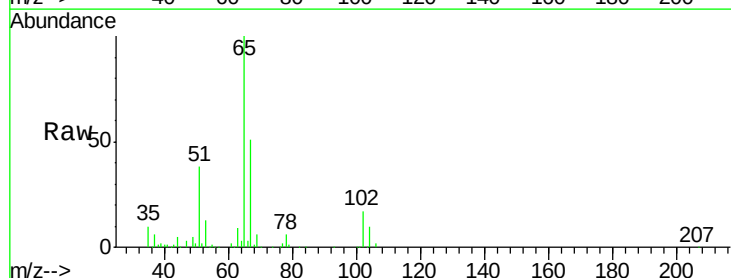
Manual Integrations
APPROVED

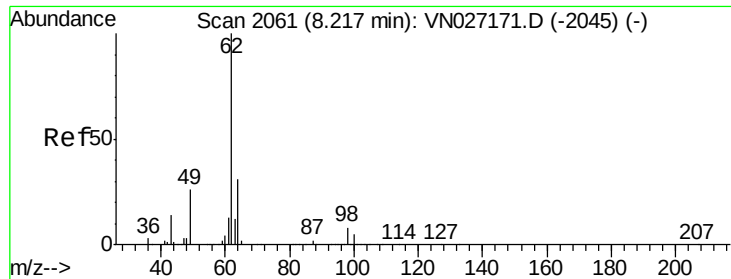
MMDadoda
9/18/2015 12:22:38 PM



#41
Benzene
Concen: 0.25 ug/l
RT: 8.15 min Scan# 2039
Delta R.T. 0.01 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	32.3	19.0	28.4#





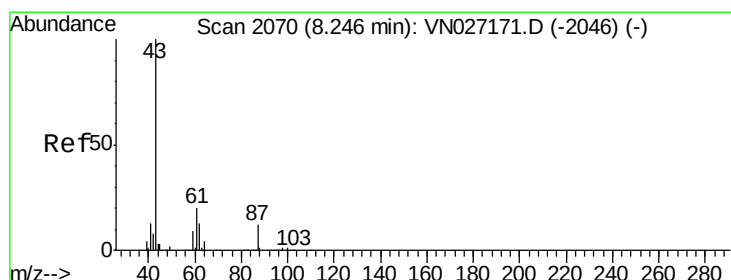
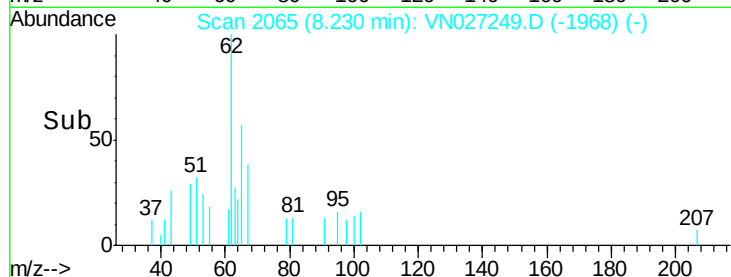
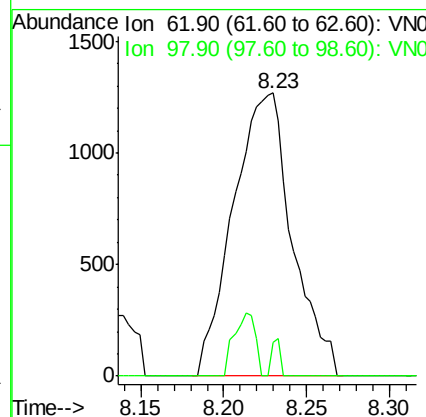
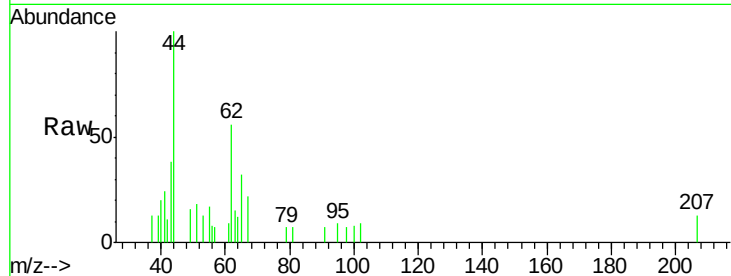
#43
 1,2-Dichloroethane
 Concen: 0.23 ug/l
 RT: 8.23 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Resp	Lower	Upper
62	100	3139		
98	2.0	0.0	18.0	

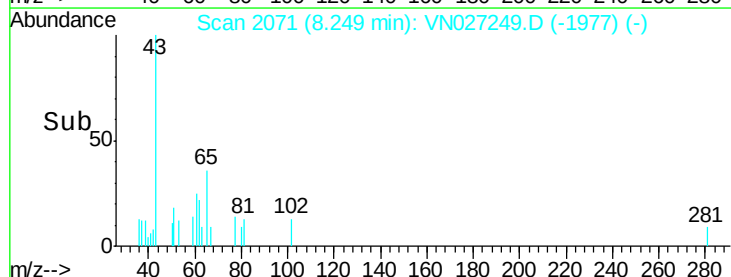
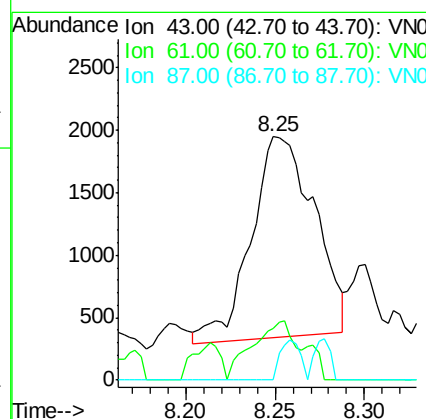
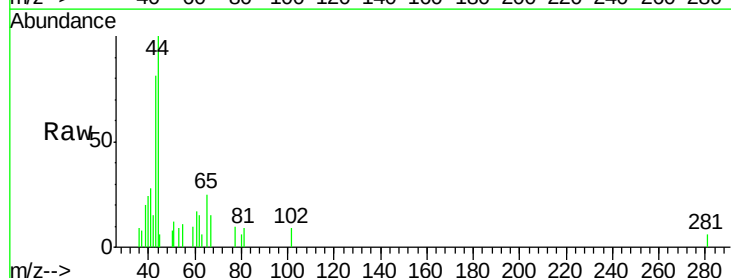
Manual Integrations
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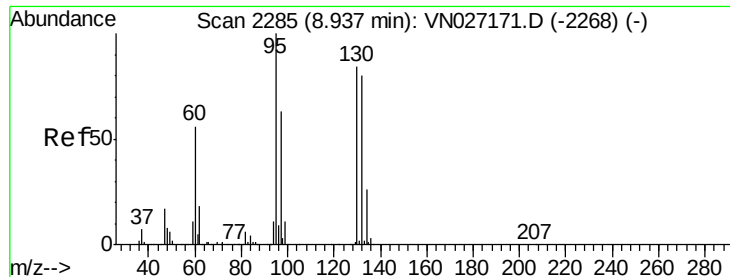
MMDadoda
 9/18/2015 12:22:38 PM



#44
 Isopropyl Acetate
 Concen: 0.22 ug/l
 RT: 8.25 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	3978		
61	19.8	20.6	31.0#	
87	6.3	8.6	13.0#	





#45

Trichloroethene

Concen: 0.26 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion:130 Resp: 1749

Ion Ratio Lower Upper

130 100

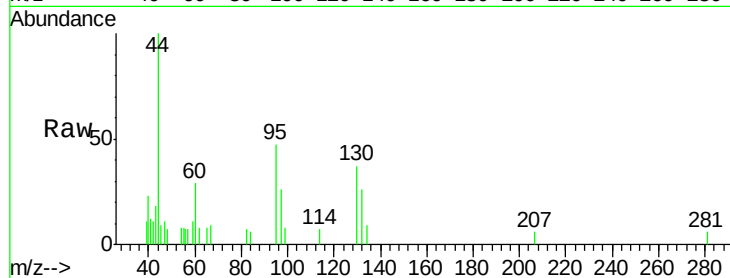
95 126.1 0.0 222.2

Manual Integrations

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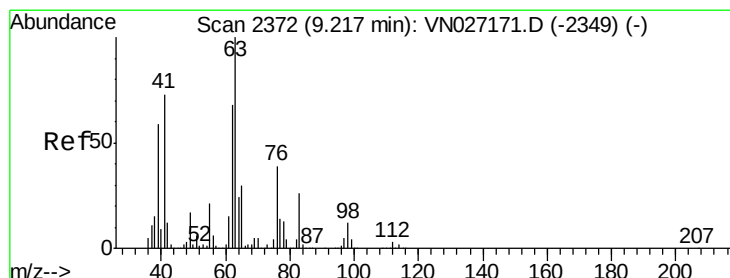
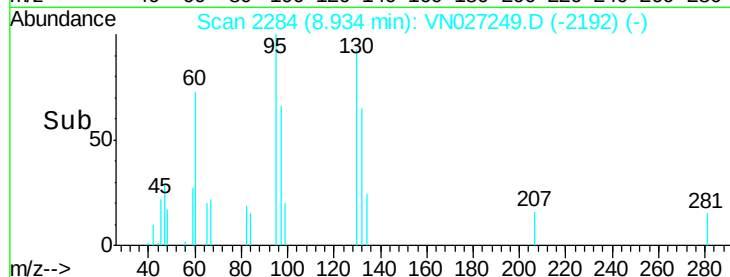
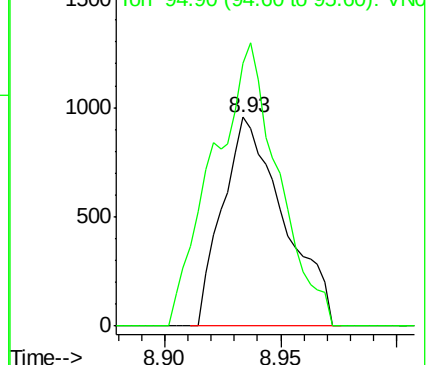
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#46

1,2-Dichloropropane

Concen: 0.26 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027249.D

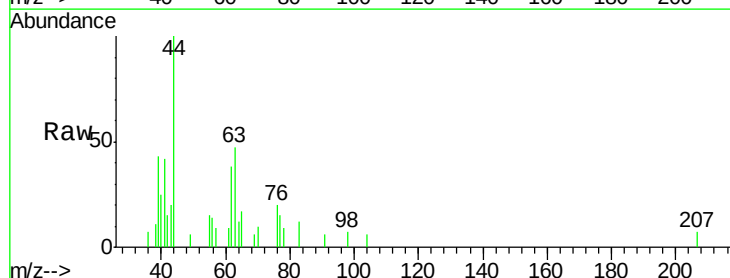
Acq: 17 Sep 2015 12:26

Tgt Ion: 63 Resp: 2471

Ion Ratio Lower Upper

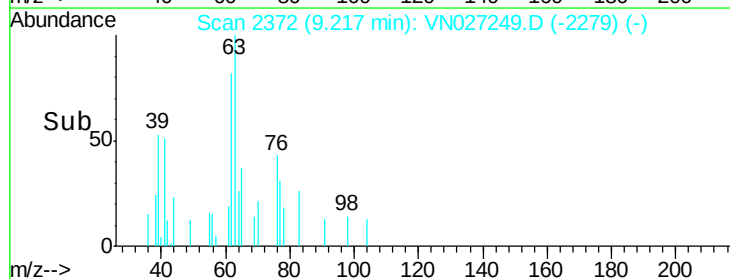
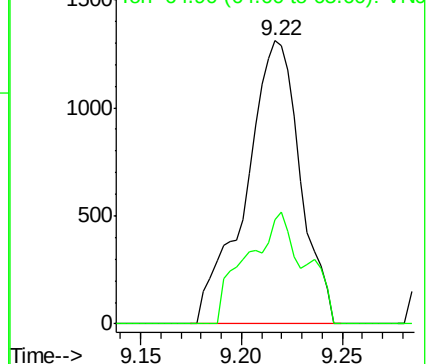
63 100

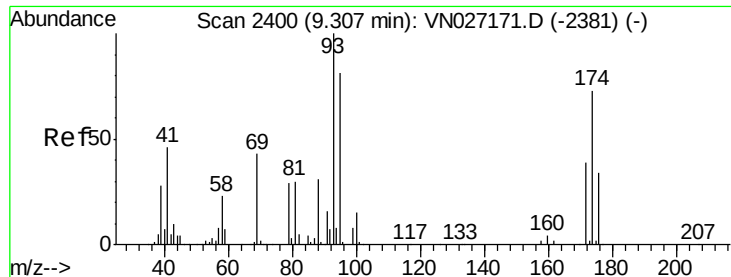
65 36.6 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





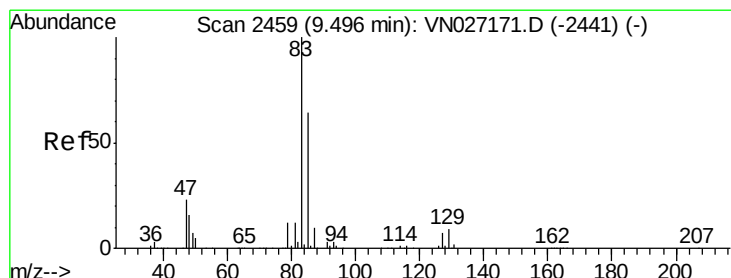
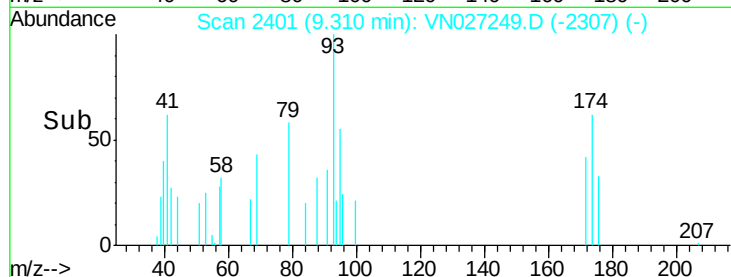
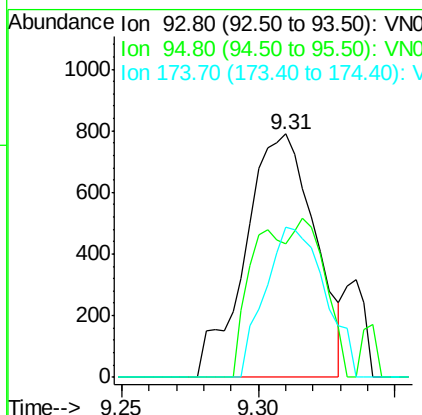
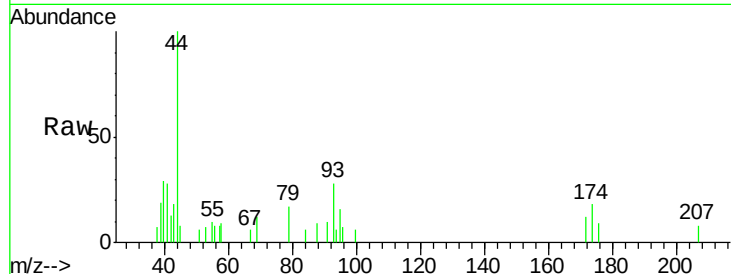
#47
Dibromomethane
Concen: 0.25 ug/l
RT: 9.31 min Scan# 2401
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion: 93 Resp: 1398
Ion Ratio Lower Upper
93 100
95 33.1 66.3 99.5#
174 52.6 67.8 101.6#

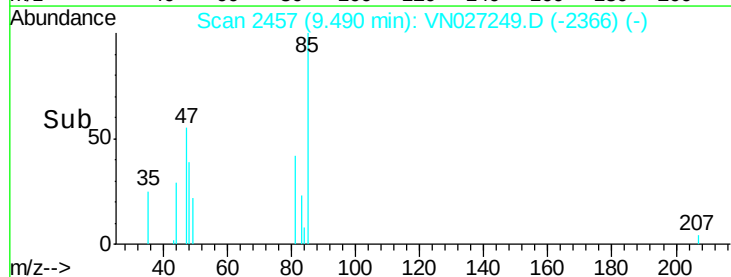
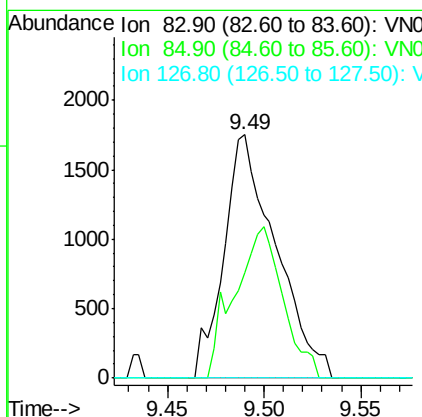
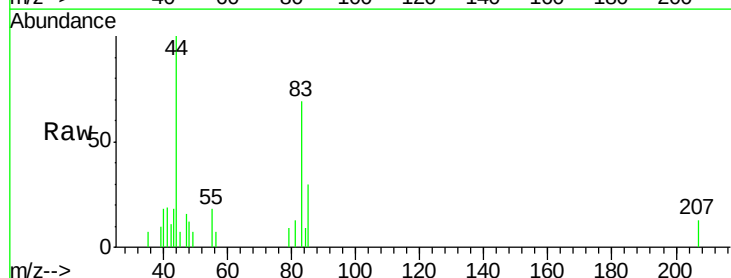
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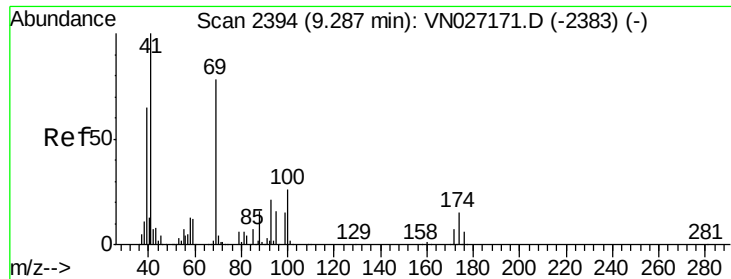
MMDadoda
9/18/2015 12:22:38 PM



#48
Bromodichloromethane
Concen: 0.28 ug/l
RT: 9.49 min Scan# 2457
Delta R.T. -0.01 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Tgt Ion: 83 Resp: 3260
Ion Ratio Lower Upper
83 100
85 43.4 50.7 76.1#
127 0.0 5.5 8.3#





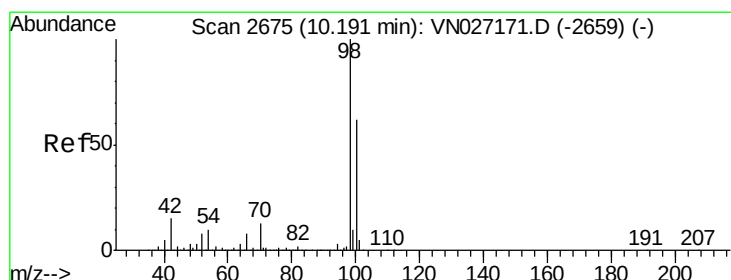
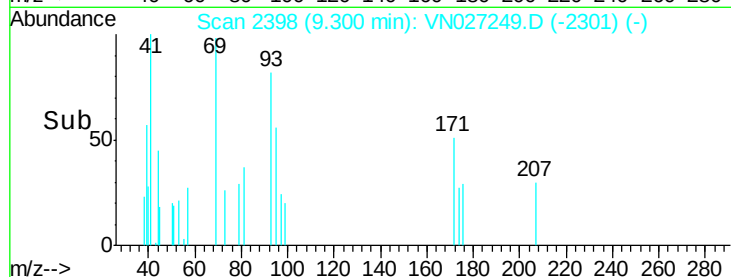
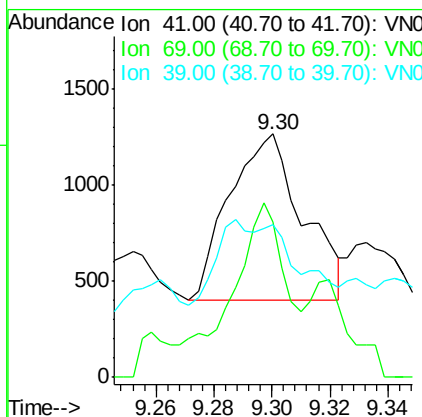
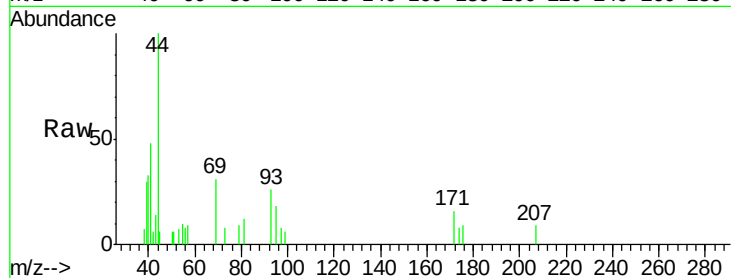
#49
Methvl methacrylate
Concen: 0.17 ug/l
RT: 9.30 min Scan# 2398
Delta R.T. 0.01 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
41	100		
69	77.1	59.3	88.9
39	25.8	39.5	59.3#

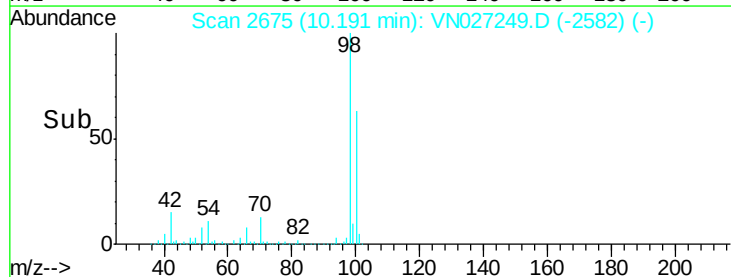
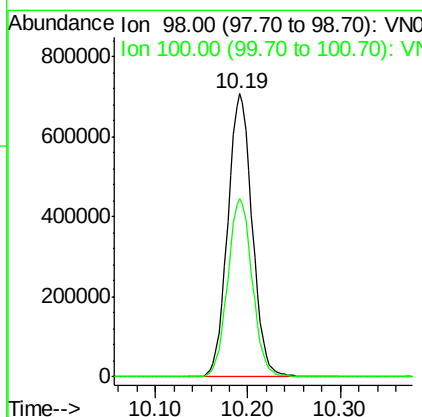
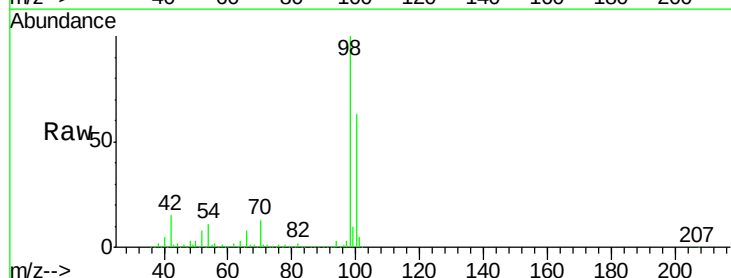
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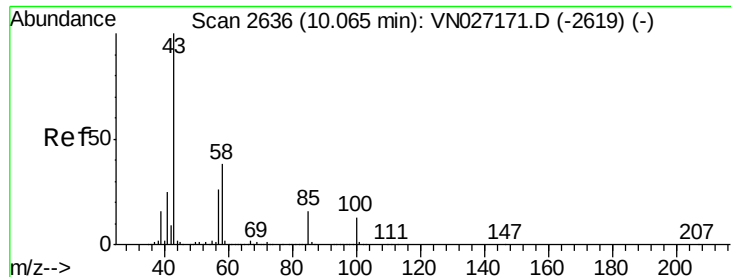
MMDadoda
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#51
Toluene-d8
Concen: 48.84 ug/l
RT: 10.19 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.5	75.7





#52

4-Methyl-2-Pentanone

Concen: 1.21 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 43 Resp: 11646

Ion Ratio Lower Upper

43 100

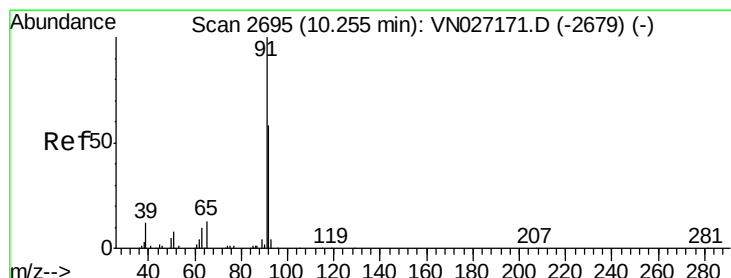
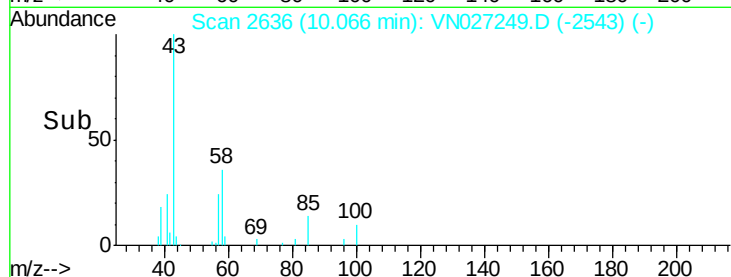
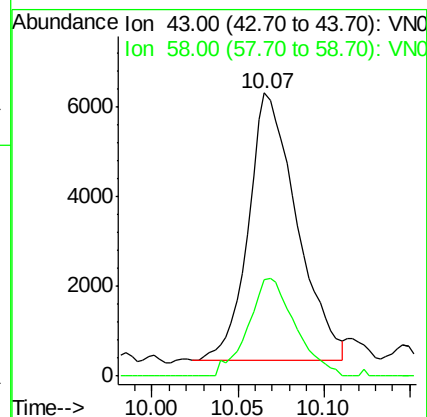
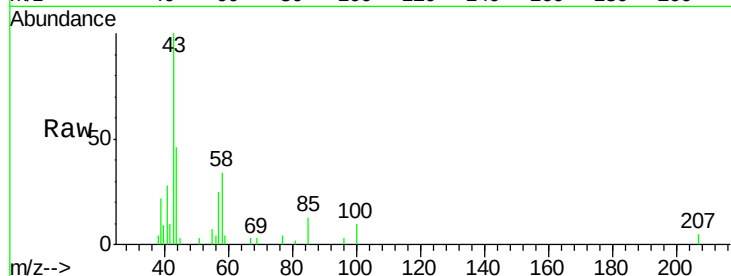
58 35.8 29.8 44.8

Manual Integrations

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#53

Toluene

Concen: 0.25 ug/l

RT: 10.26 min Scan# 2696

Delta R.T. 0.00 min

Lab File: VN027249.D

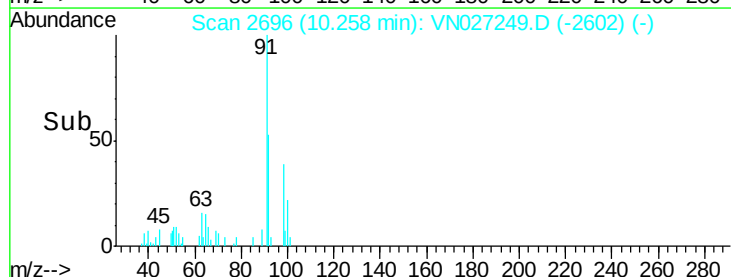
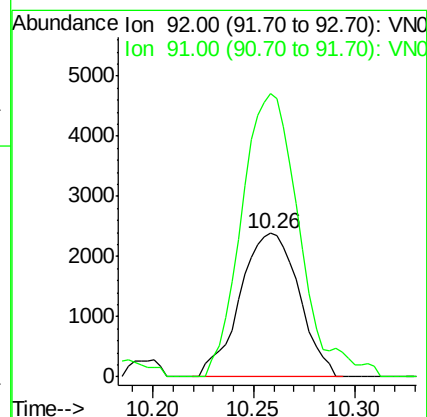
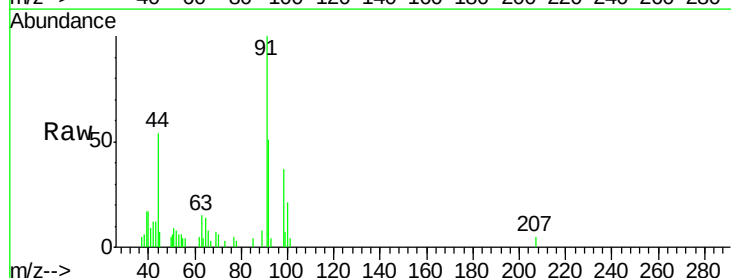
Acq: 17 Sep 2015 12:26

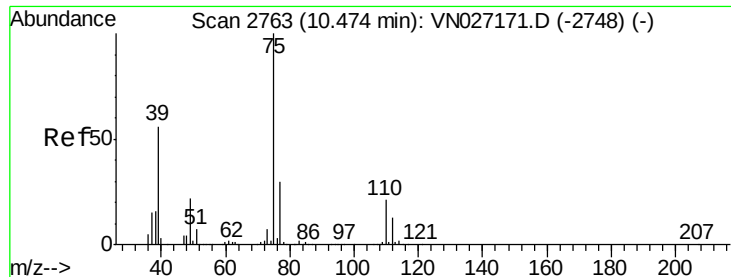
Tgt Ion: 92 Resp: 4855

Ion Ratio Lower Upper

92 100

91 193.8 141.4 212.2





#54

t-1,3-Dichloropropene

Concen: 0.21 ug/l

RT: 10.48 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 75 Resp: 2730

Ion Ratio Lower Upper

75 100

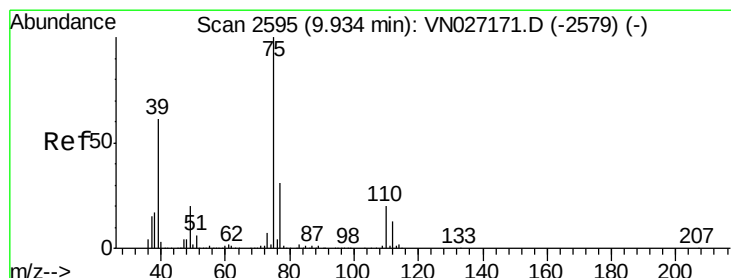
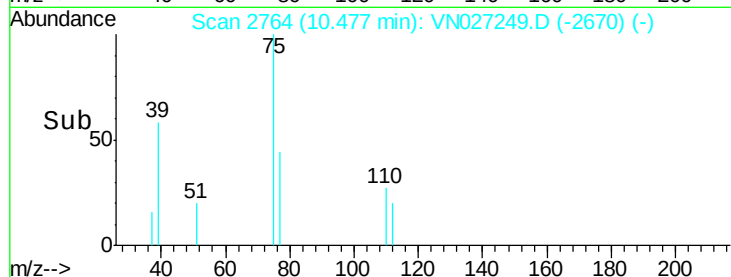
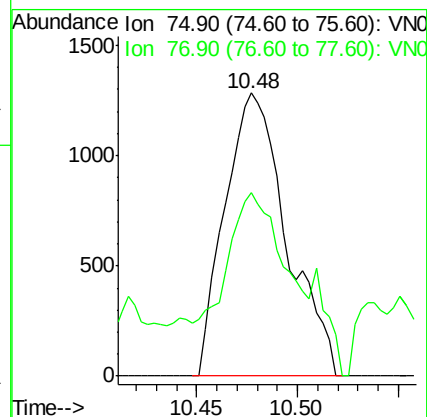
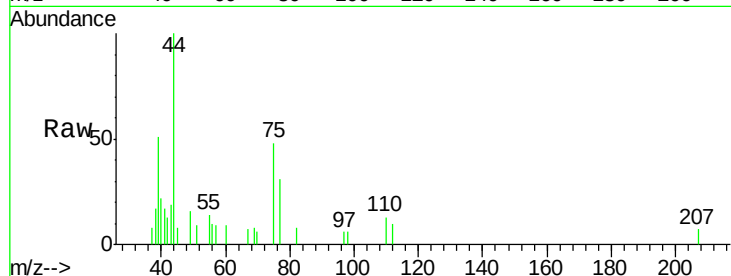
77 64.9 25.4 38.2#

Manual Integrations

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#55

cis-1,3-Dichloropropene

Concen: 0.20 ug/l

RT: 9.94 min Scan# 2597

Delta R.T. 0.01 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

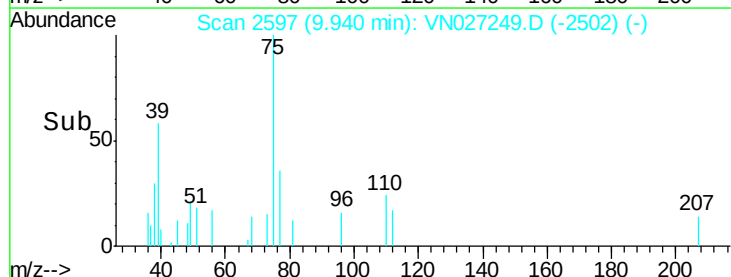
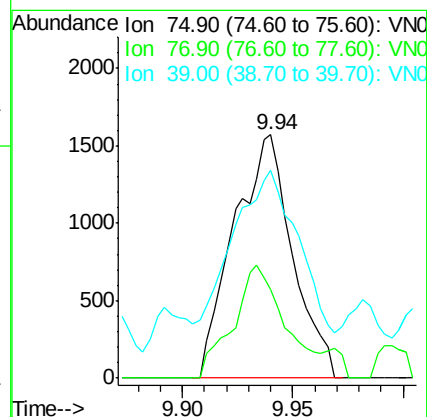
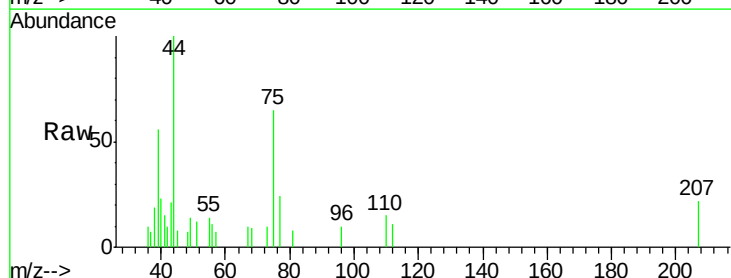
Tgt Ion: 75 Resp: 2890

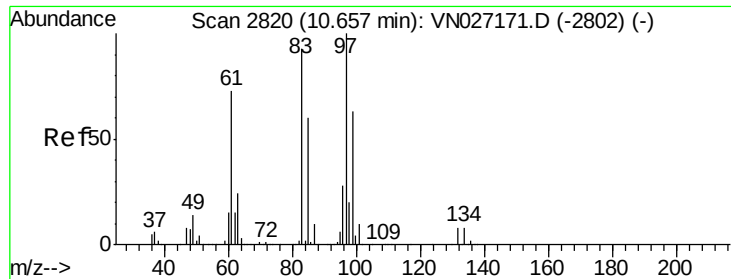
Ion Ratio Lower Upper

75 100

77 36.2 25.6 38.4

39 64.3 41.6 62.4#





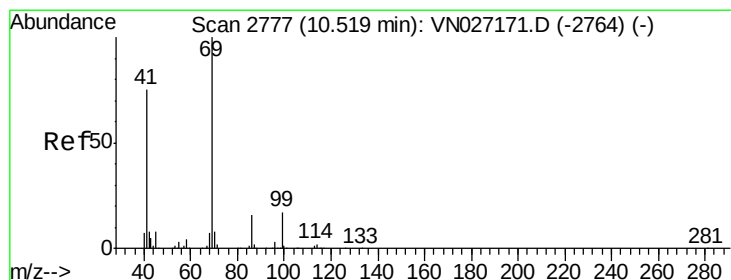
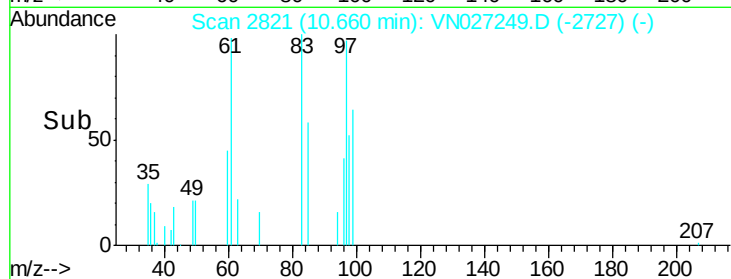
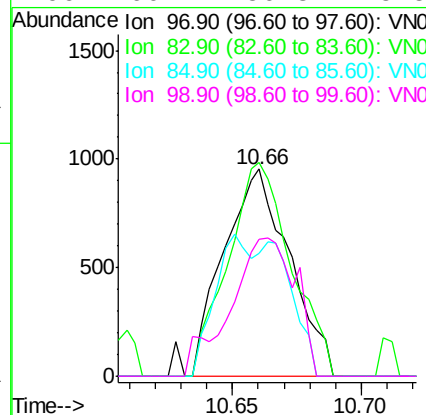
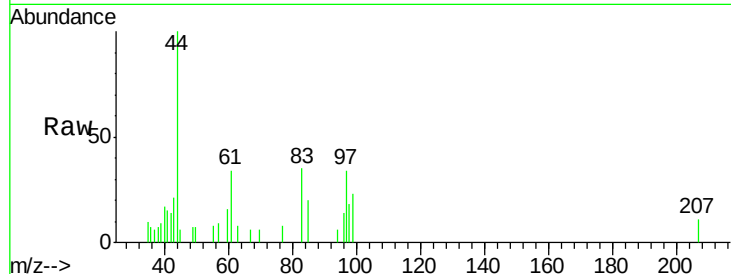
#56
 1,1,2-Trichloroethane
 Concen: 0.23 ug/l
 RT: 10.66 min Scan# 2821
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:	97	Resp:	1691
Ion	Ratio	Lower	Upper
97	100		
83	103.1	75.0	112.4
85	59.4	48.0	72.0
99	66.4	50.3	75.5

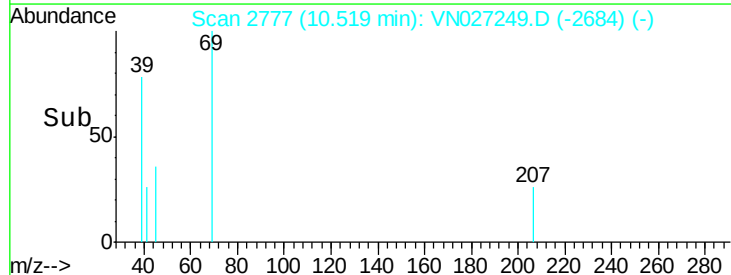
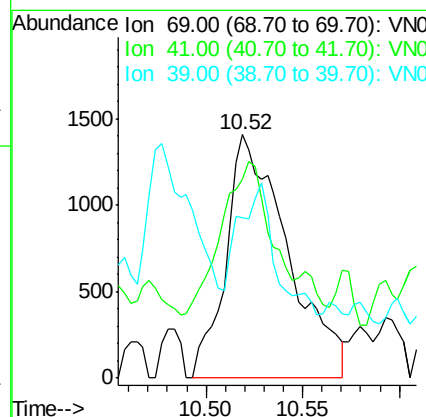
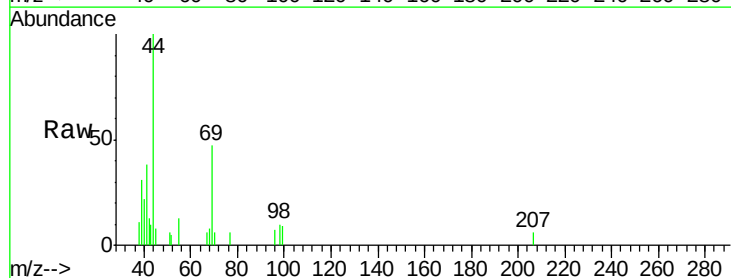
Manual Integrations
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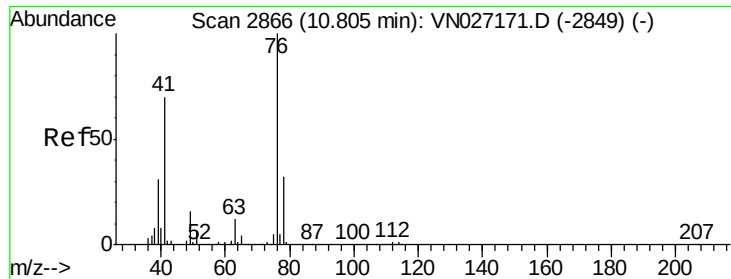
MMDadoda
 9/18/2015 12:22:38 PM



#57
 Ethyl methacrylate
 Concen: 0.25 ug/l
 RT: 10.52 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion:	69	Resp:	3120
Ion	Ratio	Lower	Upper
69	100		
41	55.4	61.3	91.9#
39	33.4	28.4	42.6





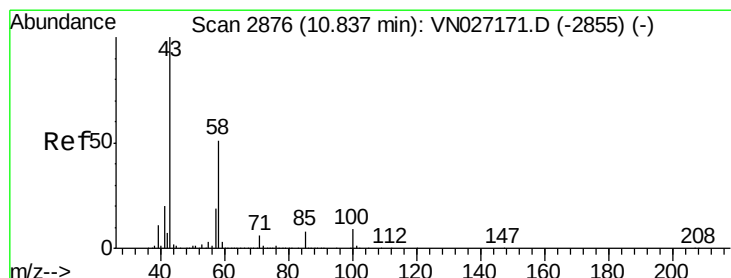
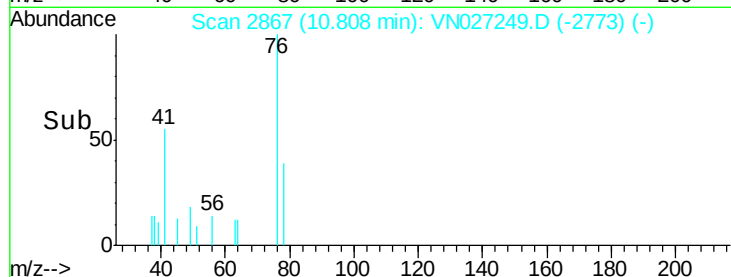
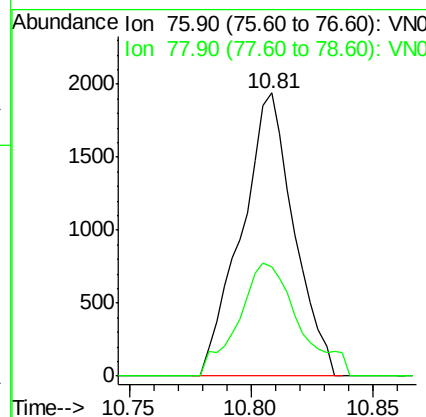
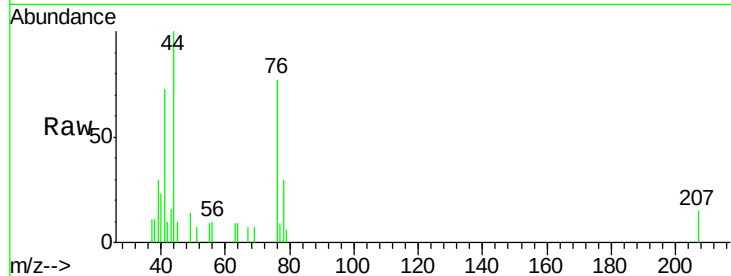
#58
 1,3-Dichloropropane
 Concen: 0.21 ug/l
 RT: 10.81 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion: 76 Resp: 2889
 Ion Ratio Lower Upper
 76 100
 78 45.8 25.0 37.6#

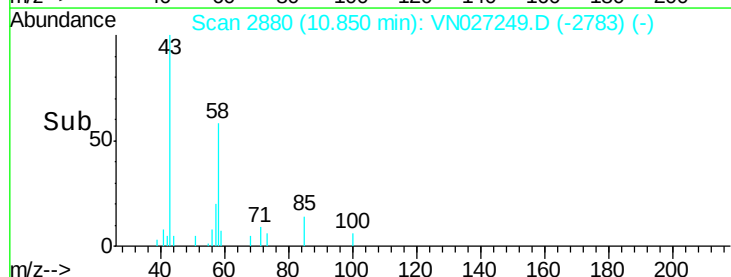
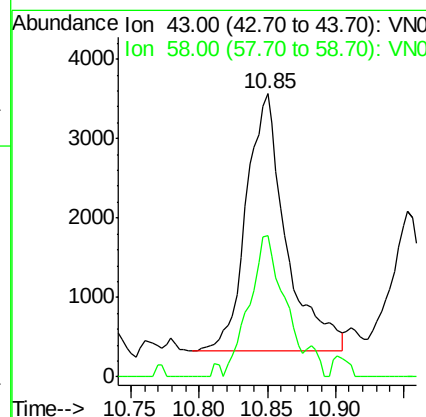
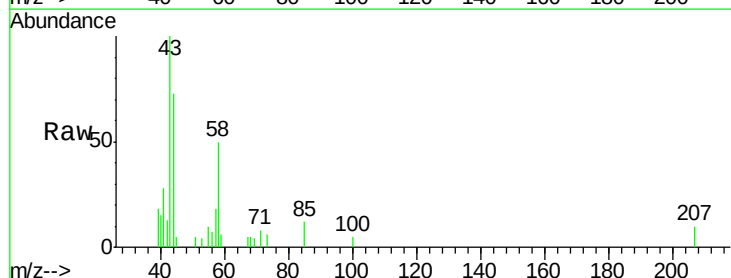
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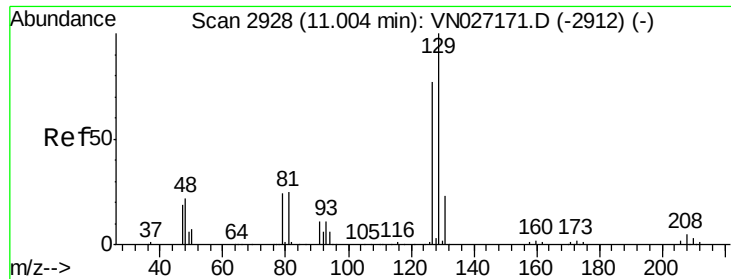
MMDadoda
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#60
 2-Hexanone
 Concen: 1.00 ug/l
 RT: 10.85 min Scan# 2880
 Delta R.T. 0.01 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion: 43 Resp: 6585
 Ion Ratio Lower Upper
 43 100
 58 47.8 26.2 78.5





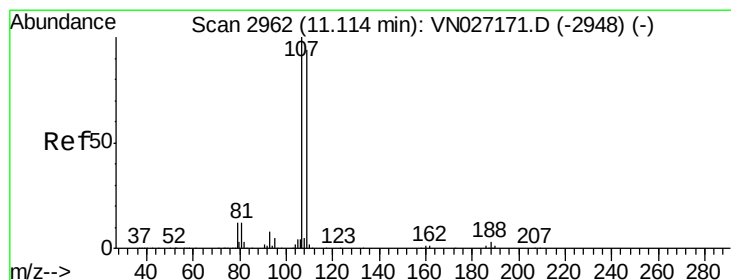
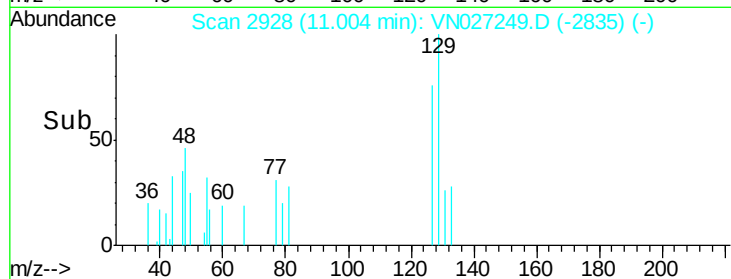
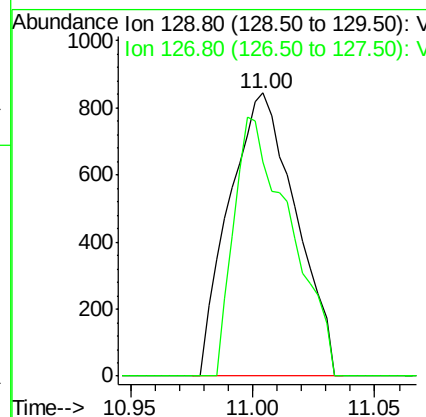
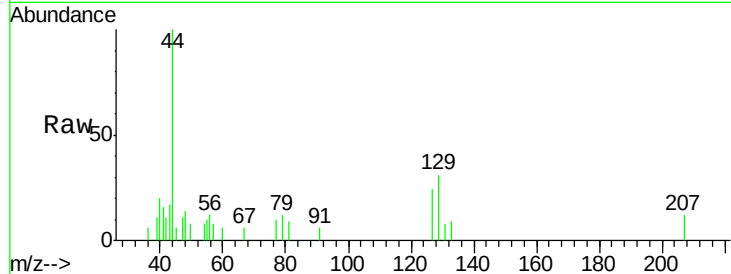
#61
Dibromochloromethane
Concen: 0.21 ug/l
RT: 11.00 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion:129 Resp: 1600
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2

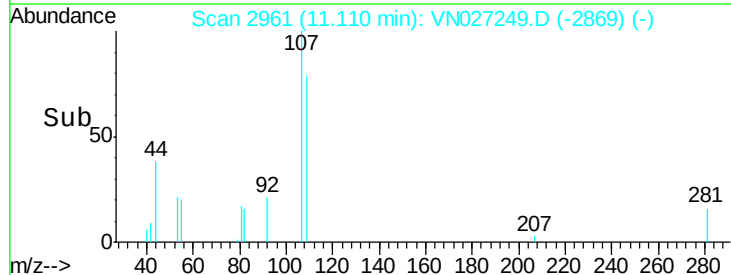
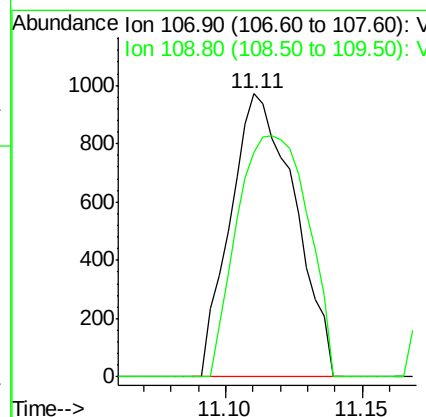
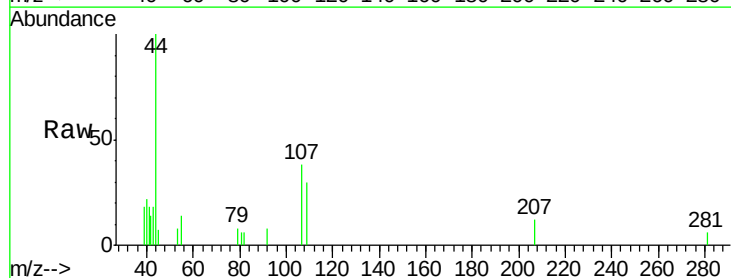
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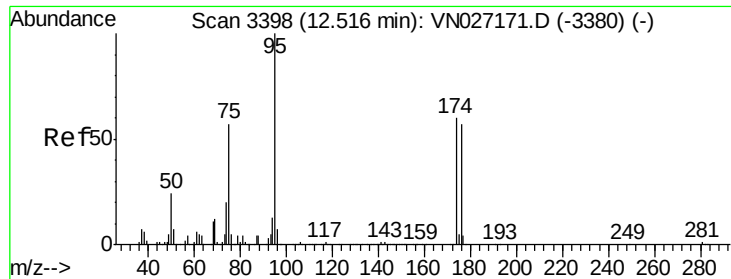
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#62
1,2-Dibromoethane
Concen: 0.22 ug/l
RT: 11.11 min Scan# 2961
Delta R.T. -0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Tgt Ion:107 Resp: 1589
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4





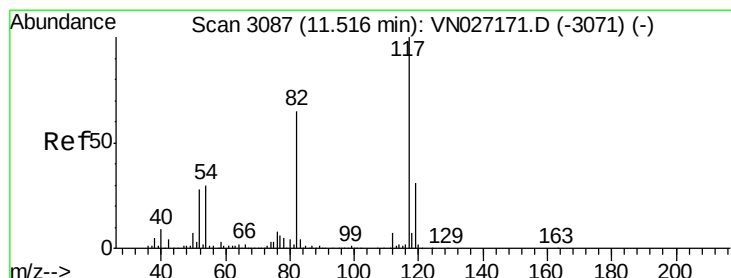
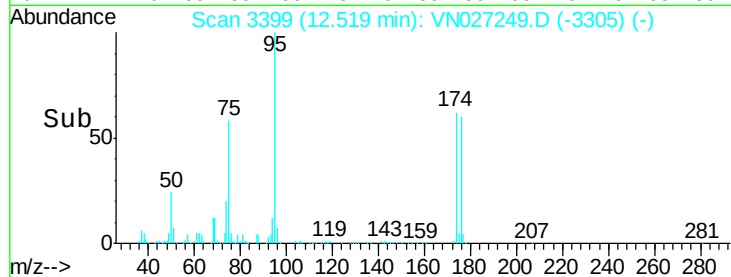
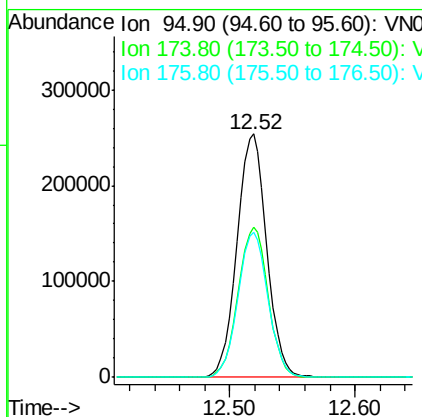
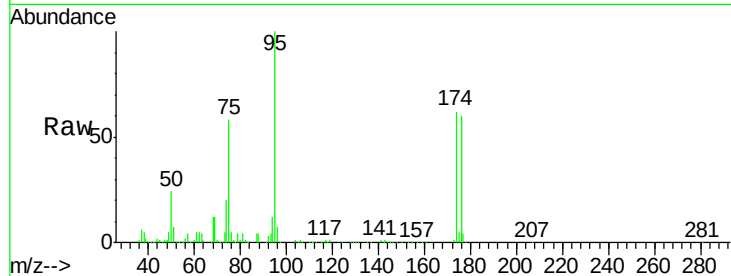
#63
4-Bromofluorobenzene
Concen: 44.46 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	417447		
174	62.5	0.0	137.0	
176	60.5	0.0	130.8	

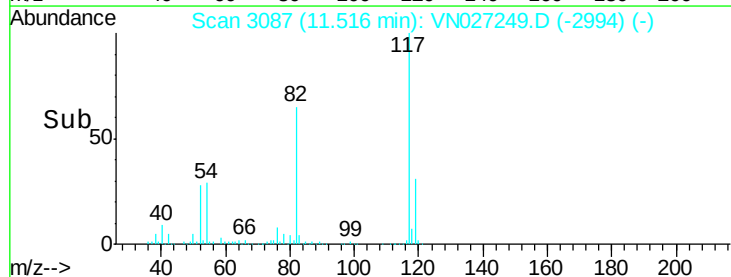
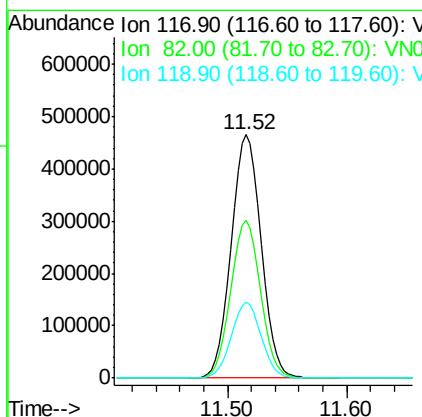
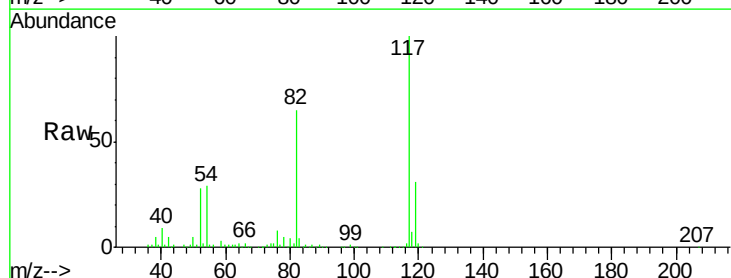
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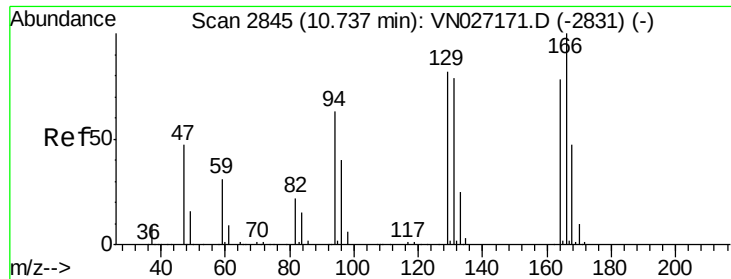
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#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	812873		
82	65.0	49.6	74.4	
119	31.3	24.6	36.8	





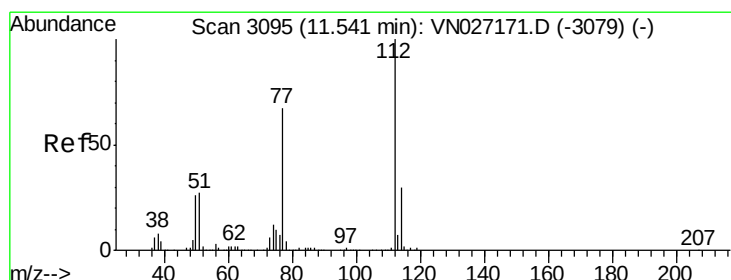
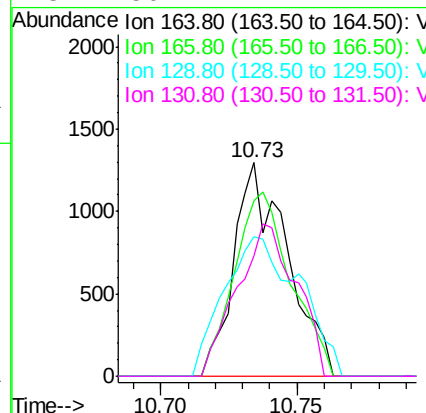
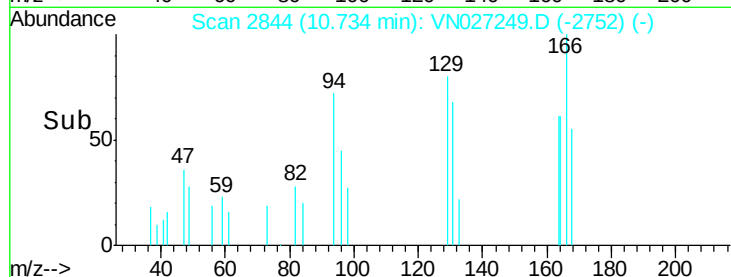
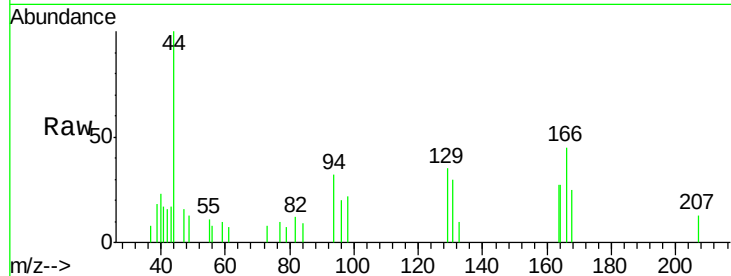
#65
Tetrachloroethene
Concen: 0.34 ug/l
RT: 10.73 min Scan# 2844
Delta R.T. -0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
164	100		
166	82.2	103.4	155.0#
129	65.4	77.5	116.3#
131	56.2	74.2	111.4#

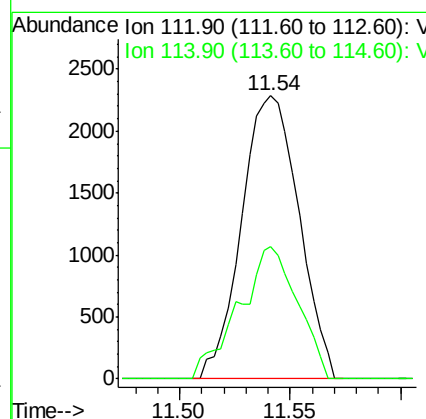
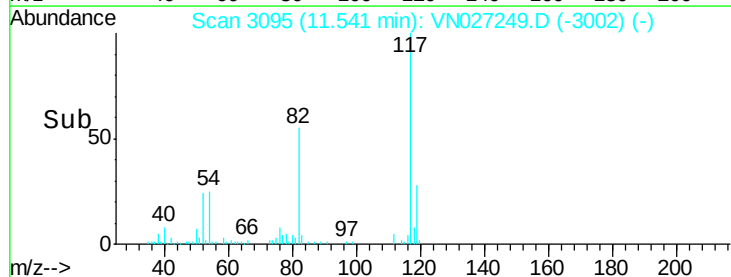
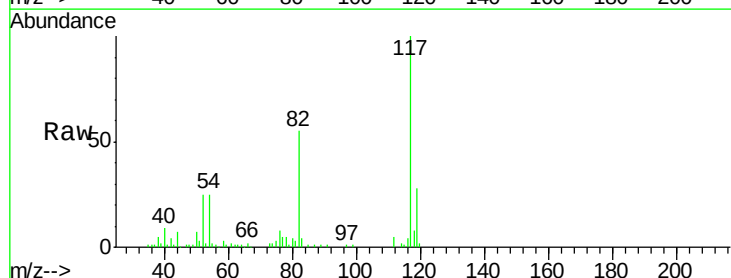
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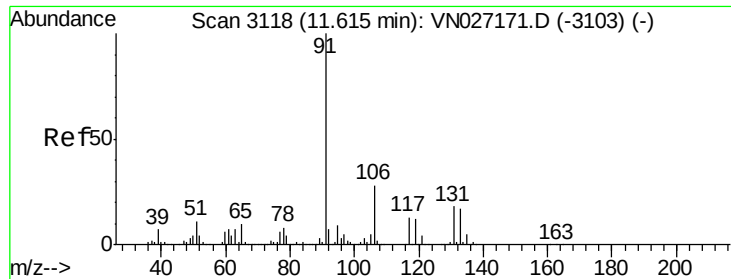
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#66
Chlorobenzene
Concen: 0.21 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
112	100		
114	46.5	24.9	37.3#





#67

1,1,1,2-Tetrachloroethane

Concen: 0.24 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.01 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

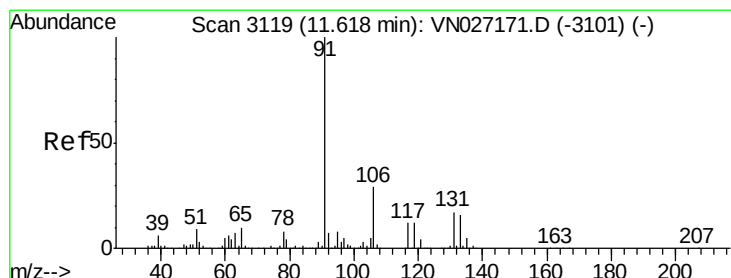
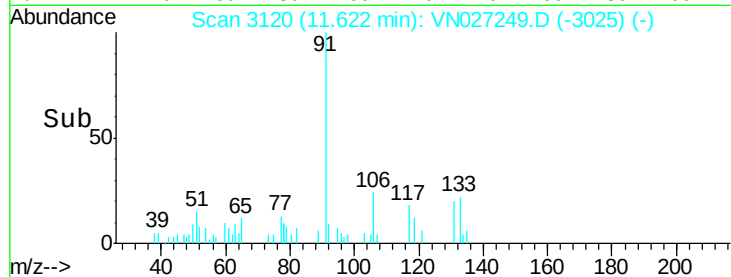
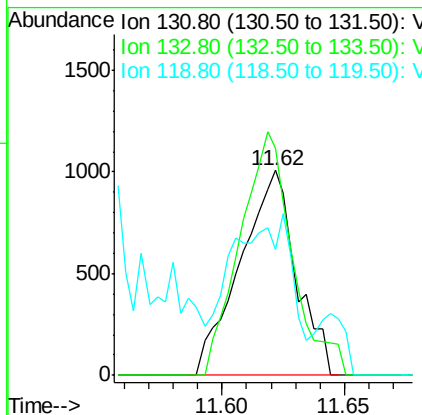
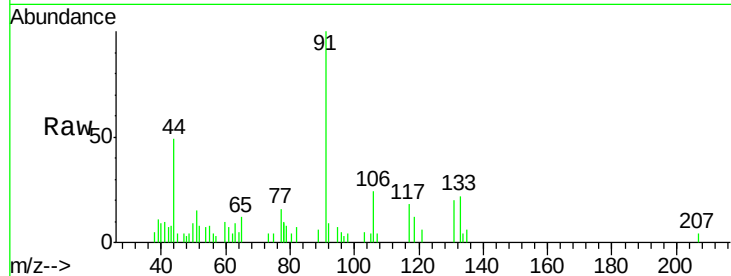
ClientSampleId :

LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
131	100		
133	111.4	47.0	141.2
119	0.0	35.1	105.5#

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#68

Ethyl Benzene

Concen: 0.24 ug/l

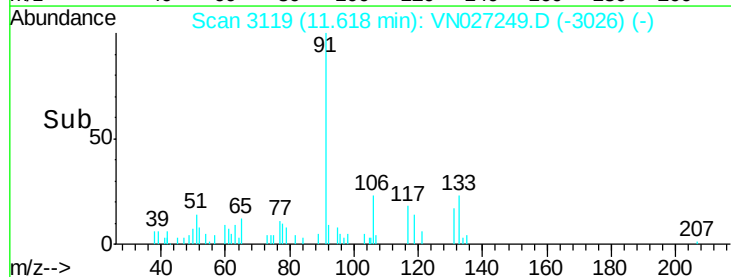
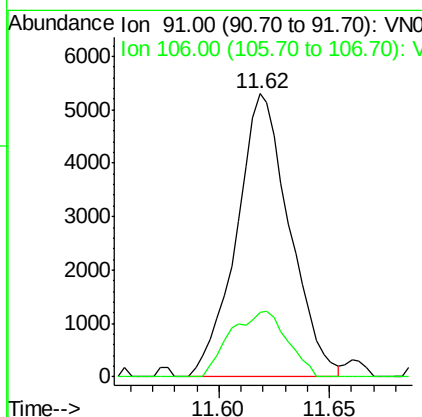
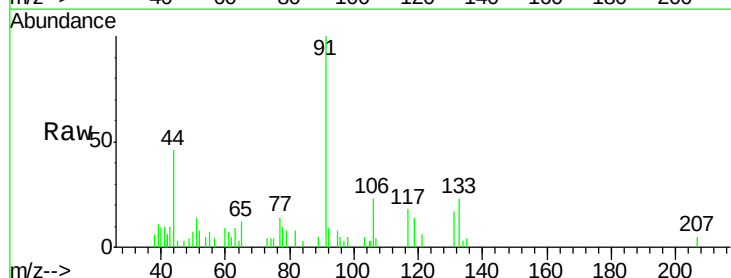
RT: 11.62 min Scan# 3119

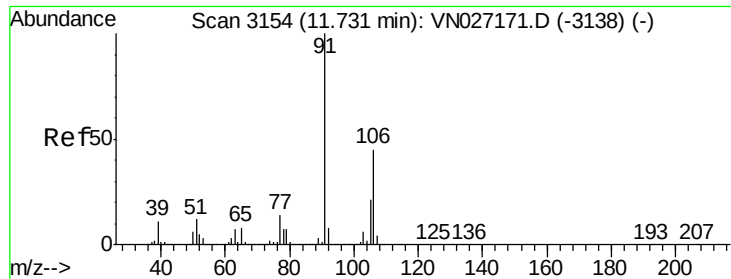
Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	22.6	23.1	34.7#





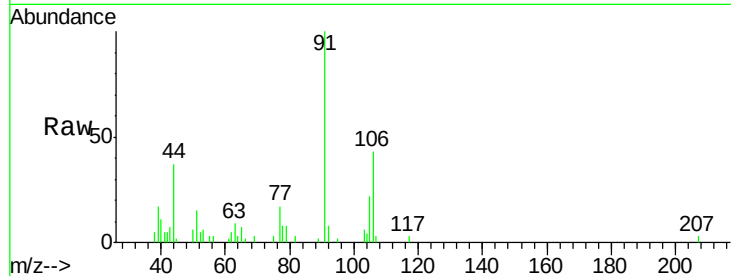
#69
m/p-Xylenes
Concen: 0.48 ug/l
RT: 11.73 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

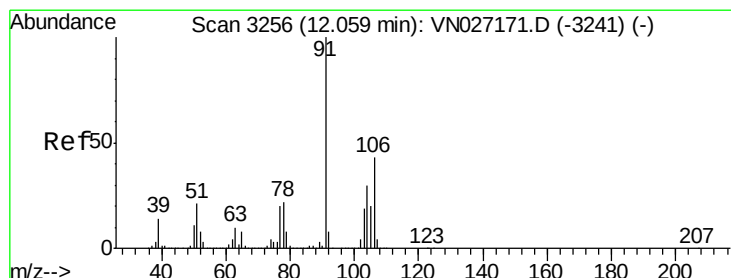
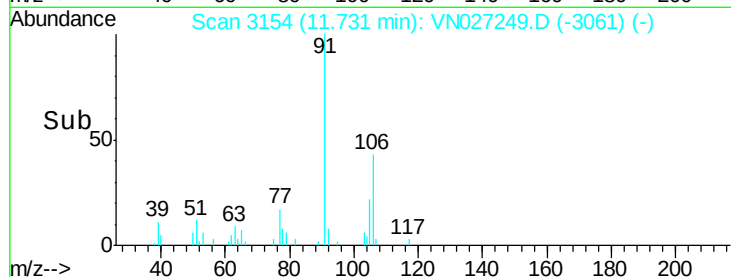
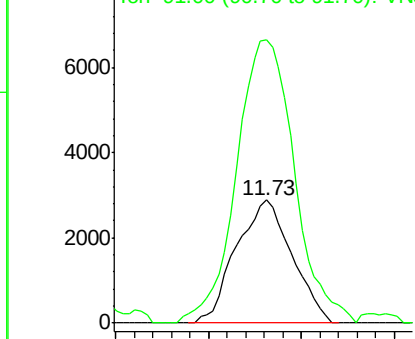
Tot Ion:106 Resp: 6044
Ion Ratio Lower Upper
106 100
91 238.2 167.1 250.7

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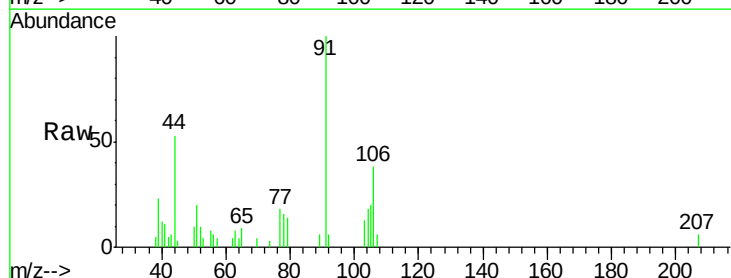


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

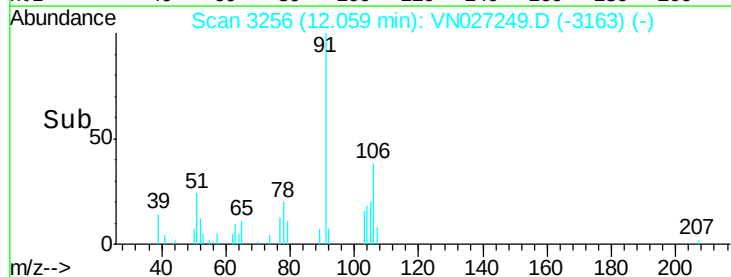
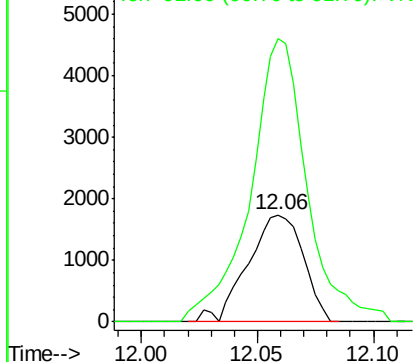


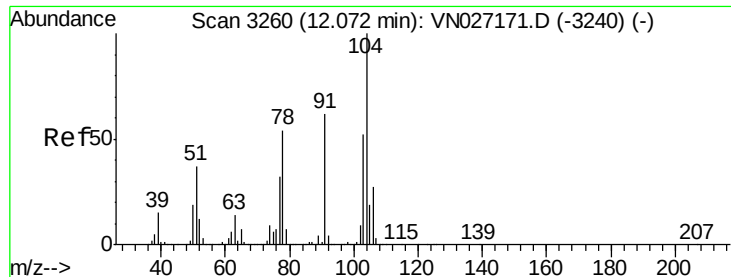
#70
o-Xylene
Concen: 0.23 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Tgt Ion:106 Resp: 2875
Ion Ratio Lower Upper
106 100
91 270.6 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Stvrene

Concen: 0.21 ug/l

RT: 12.08 min Scan# 3262

Delta R.T. 0.01 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

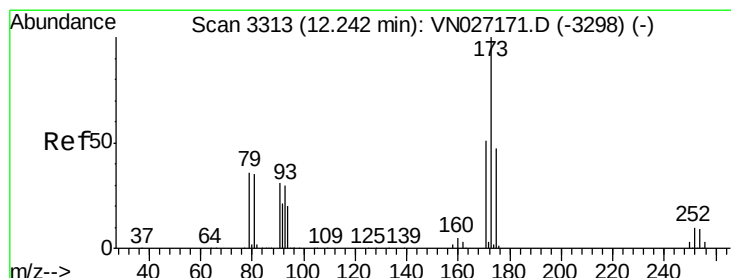
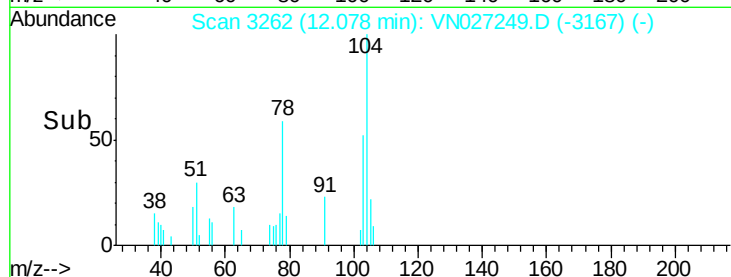
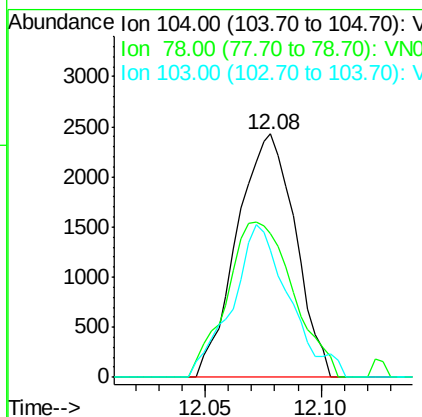
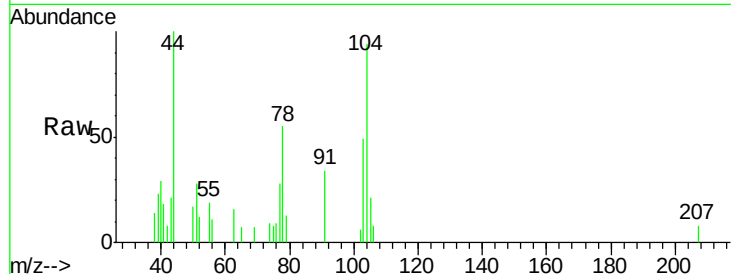
ClientSampleId :

LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
104	100		
78	72.4	41.6	62.4#
103	61.3	44.2	66.2

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#72

Bromoform

Concen: 0.20 ug/l

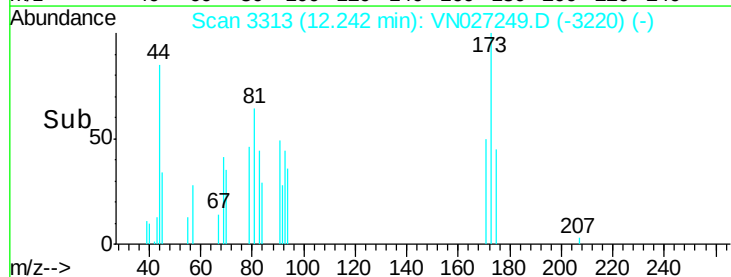
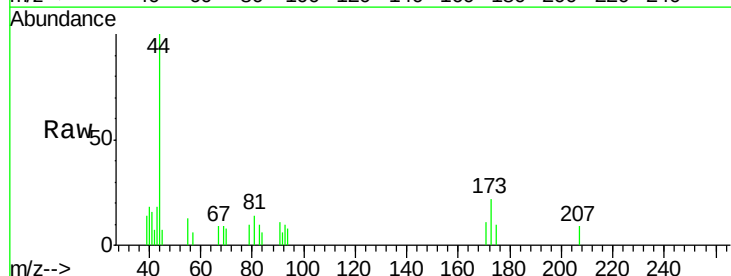
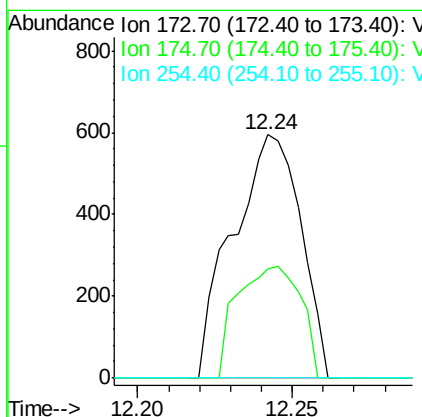
RT: 12.24 min Scan# 3313

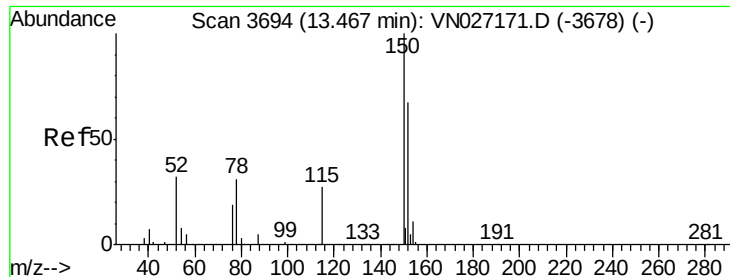
Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.4	73.4#
254	0.0	0.1	0.1#





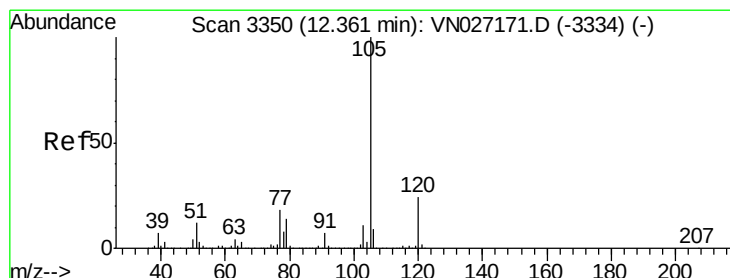
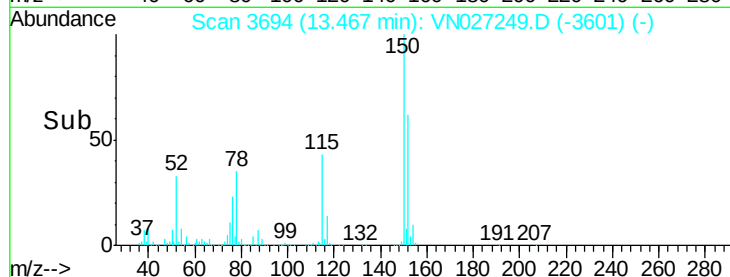
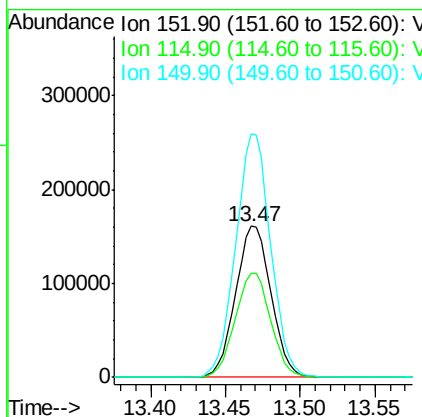
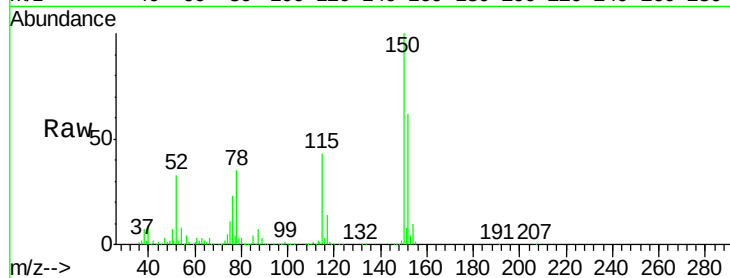
#73
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.47 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
152	100		
115	68.5	30.8	92.3
150	158.7	0.0	345.0

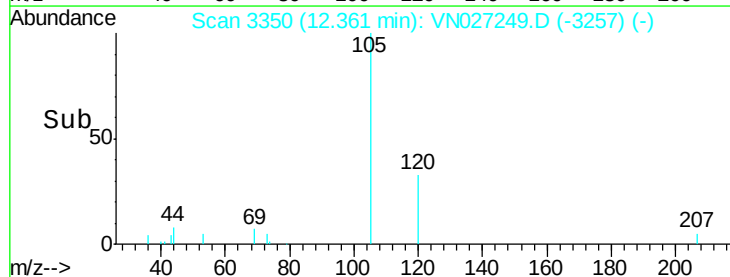
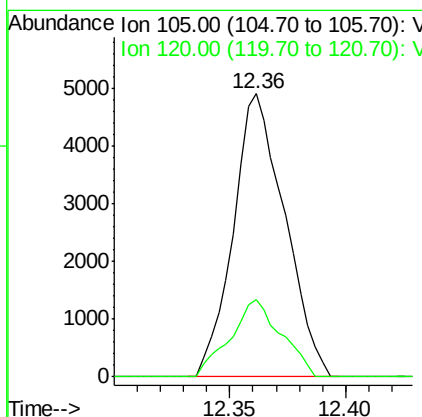
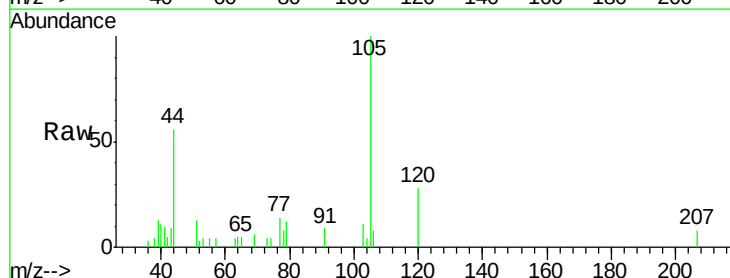
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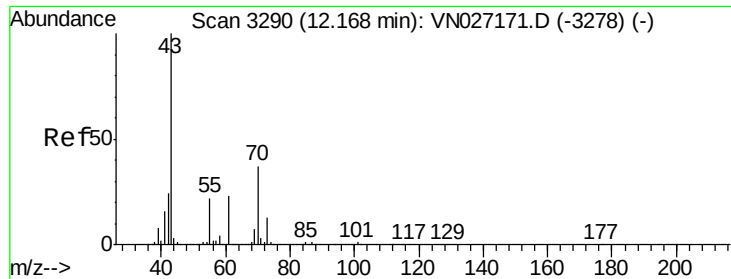
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#74
 Isopropylbenzene
 Concen: 0.26 ug/l
 RT: 12.36 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	12.4	37.2





#75

N-amvl acetate

Concen: 0.22 ug/l

RT: 12.17 min Scan# 3292

Delta R.T. 0.01 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

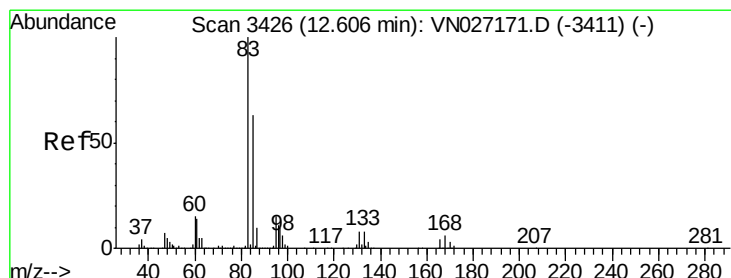
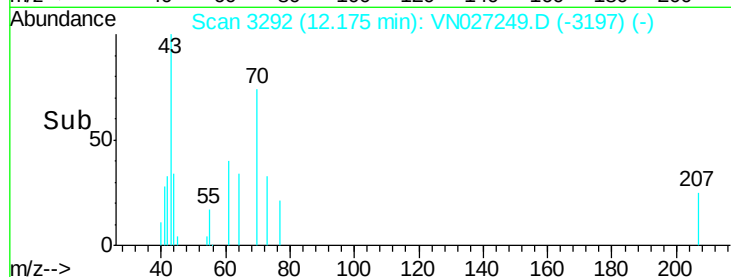
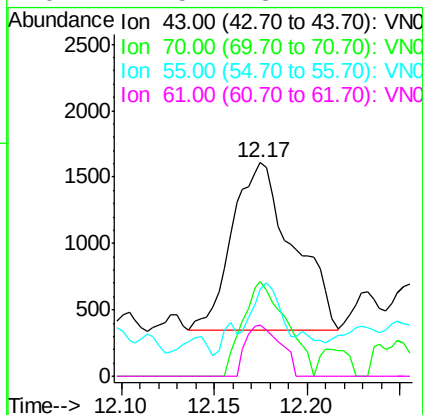
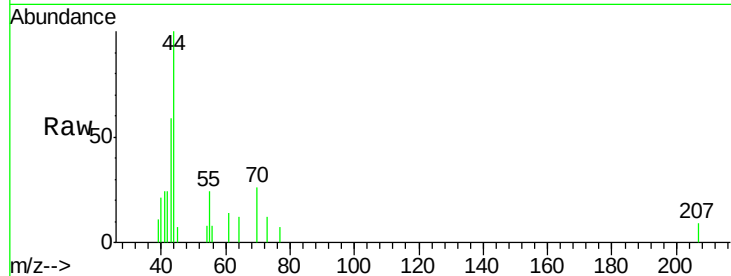
ClientSampleId :

LOD-WATER2015-01

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	40.5	29.8	44.8	
55	15.0	19.4	29.0	
61	17.5	18.2	27.2	

Manual Integrations
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#76

1,1,2,2-Tetrachloroethane

Concen: Below Cal

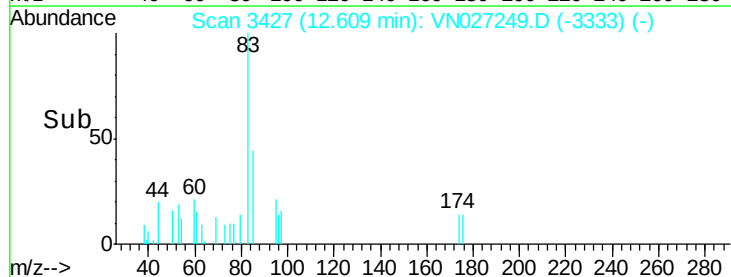
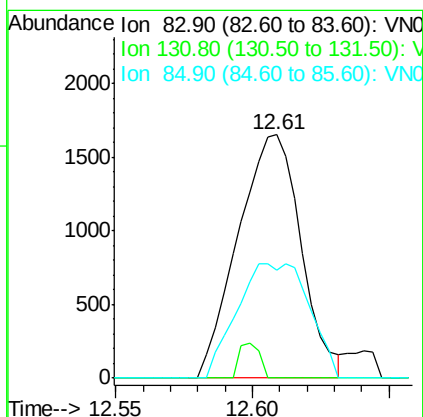
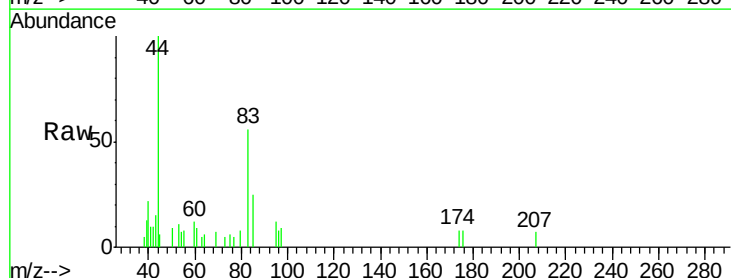
RT: 12.61 min Scan# 3427

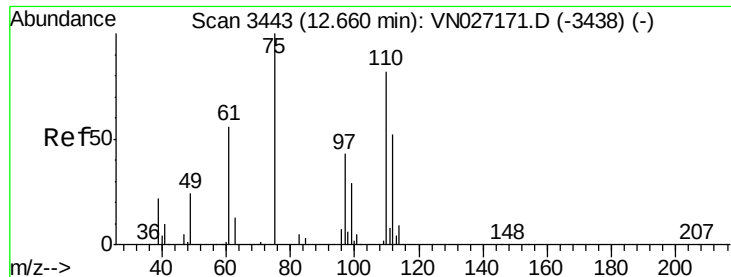
Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	4.7	4.1	12.3	
85	54.1	31.9	95.7	





#77

1,2,3-Trichloropropane

Concen: 0.44 ug/l m

RT: 12.66 min Scan# 3443

Delta R.T. 0.00 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 75 Resp: 3519

Ion Ratio Lower Upper

75 100

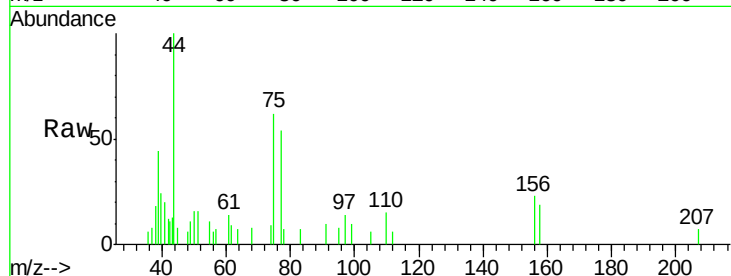
77 75.7 103.1 309.3#

Manual Integrations

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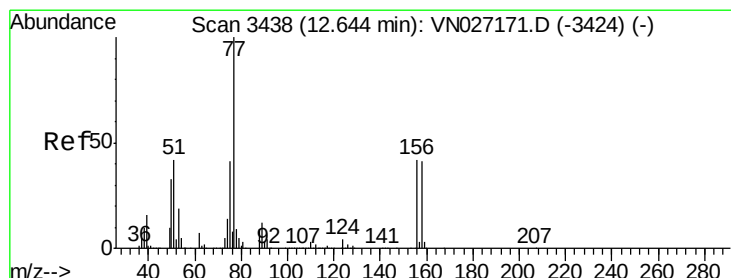
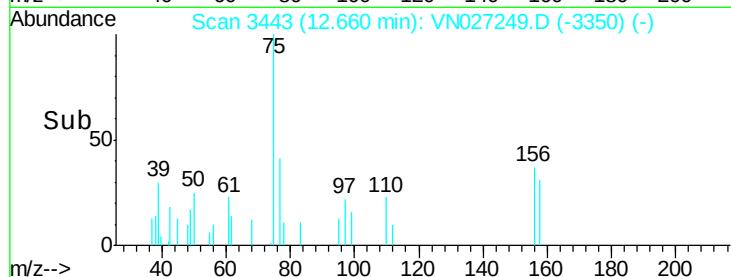
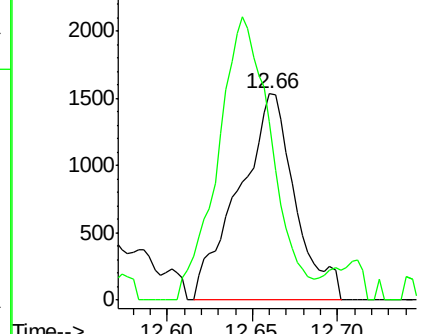
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

Bromobenzene

Concen: 0.29 ug/l

RT: 12.64 min Scan# 3436

Delta R.T. -0.01 min

Lab File: VN027249.D

Acq: 17 Sep 2015 12:26

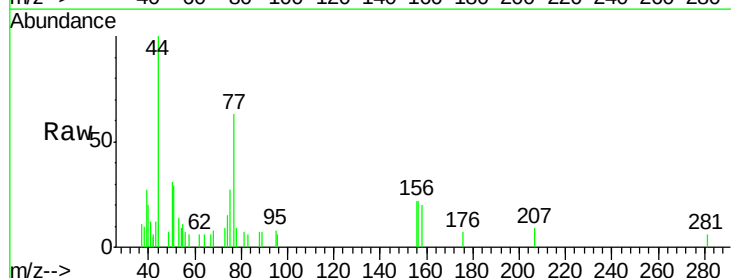
Tgt Ion: 156 Resp: 1670

Ion Ratio Lower Upper

156 100

77 275.4 127.3 381.9

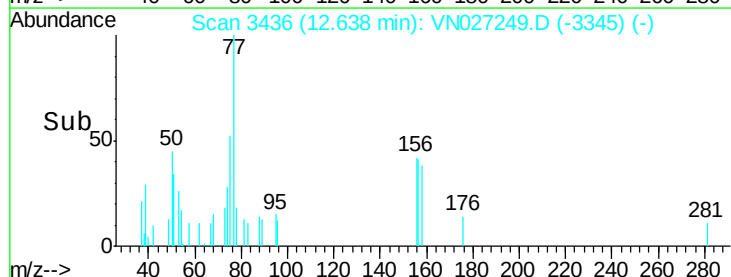
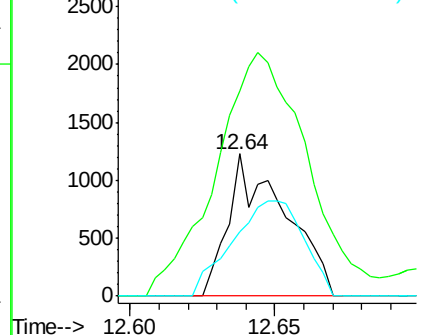
158 84.3 48.0 144.2

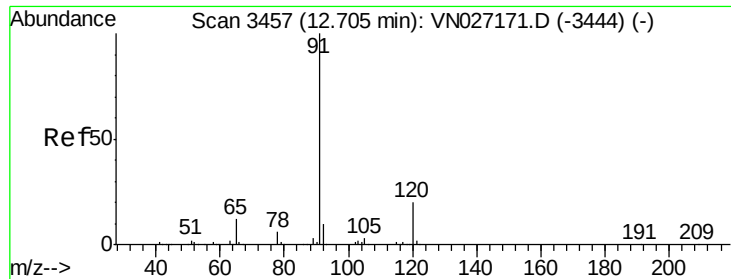


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





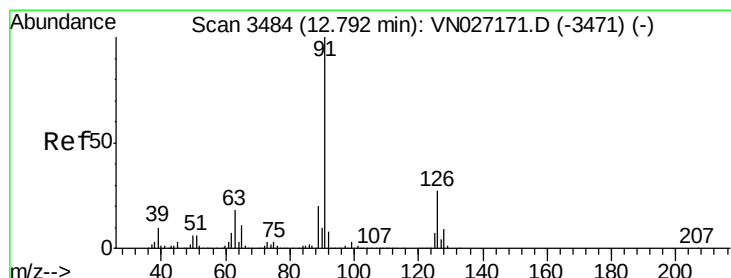
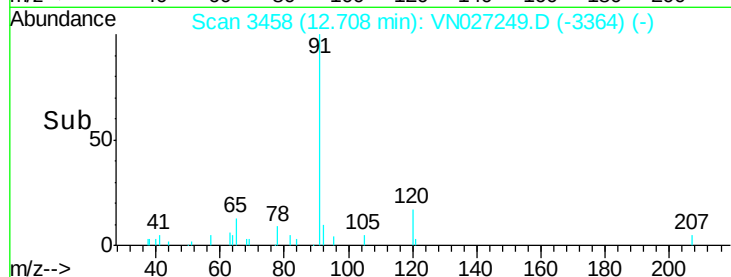
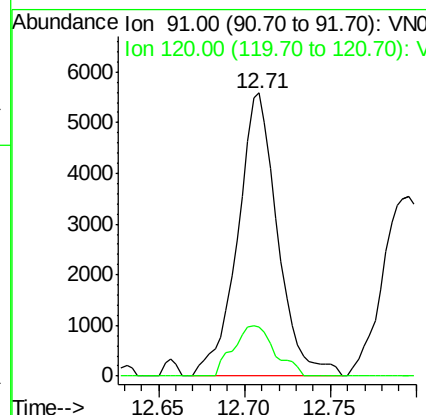
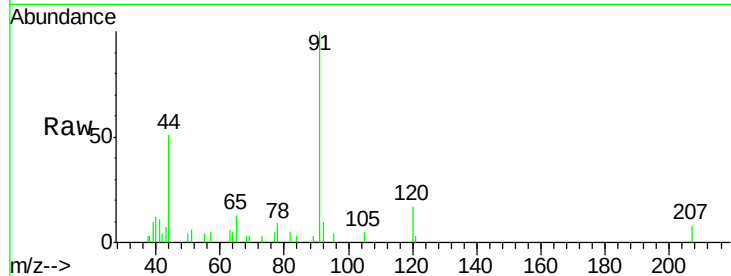
#79
n-propylbenzene
Concen: 0.26 ug/l
RT: 12.71 min Scan# 3458
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion: 91 Resp: 9048
Ion Ratio Lower Upper
91 100
120 18.5 10.3 30.8

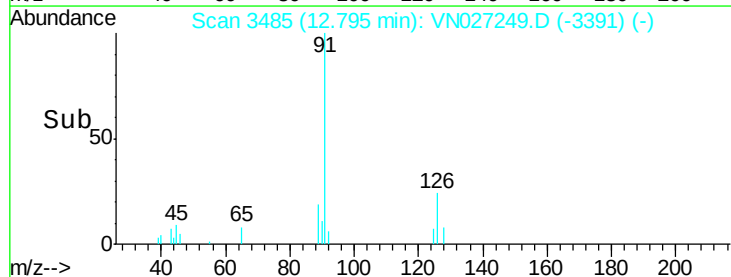
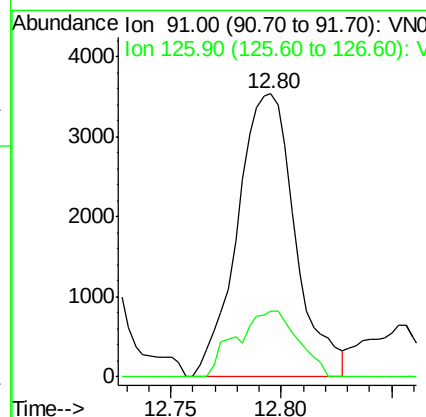
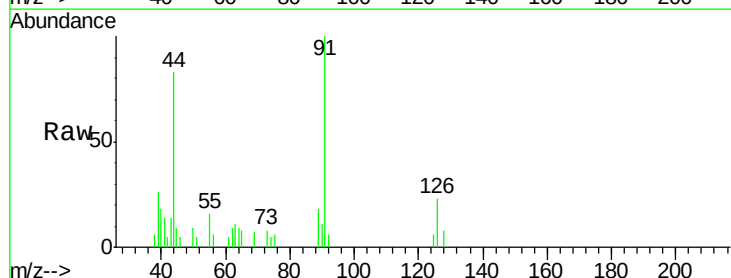
Manual Integrations
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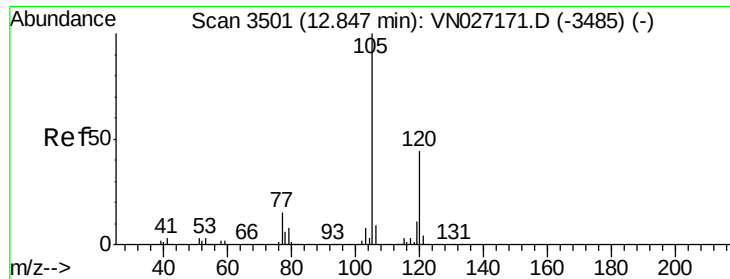
MMDadoda
9/18/2015 12:22:38 PM



#80
2-Chlorotoluene
Concen: 0.31 ug/l
RT: 12.80 min Scan# 3485
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Tgt Ion: 91 Resp: 6439
Ion Ratio Lower Upper
91 100
126 24.8 15.2 45.5





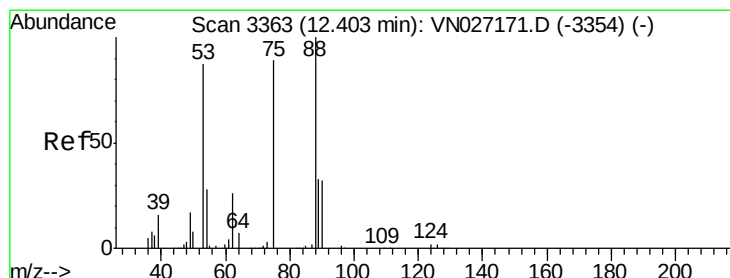
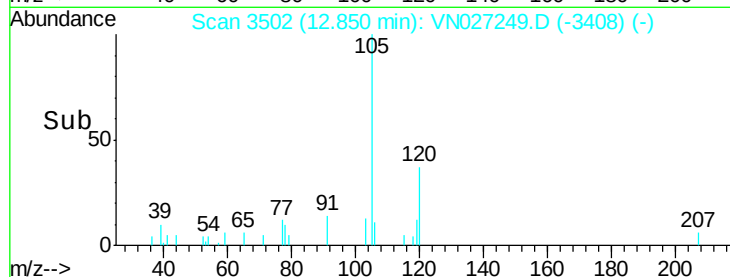
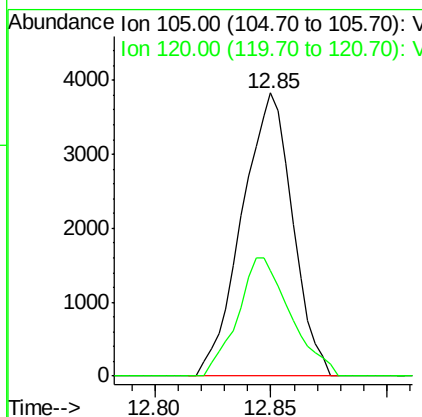
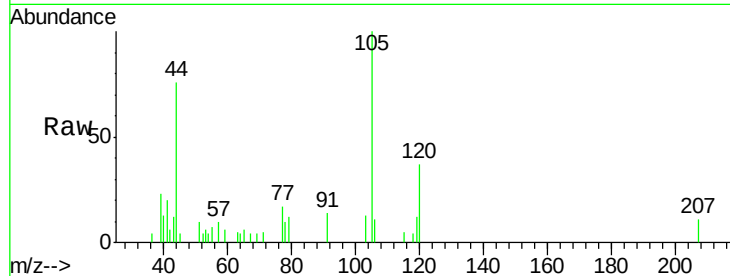
#81
 1,3,5-Trimethylbenzene
 Concen: 0.25 ug/l
 RT: 12.85 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:105 Resp: 5829
 Ion Ratio Lower Upper
 105 100
 120 43.4 23.4 70.0

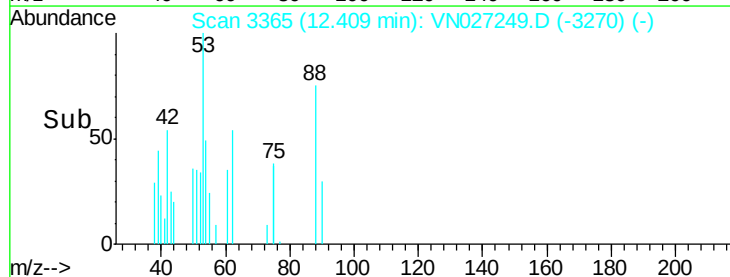
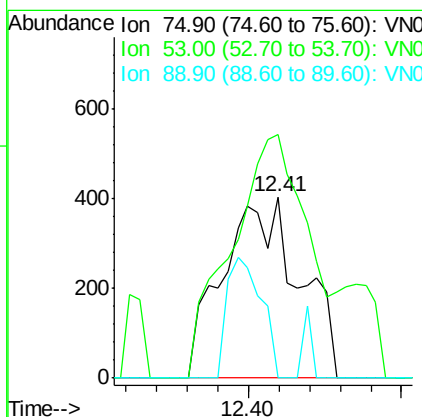
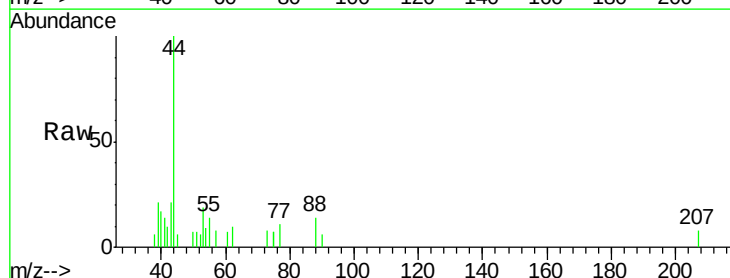
Manual Integrations
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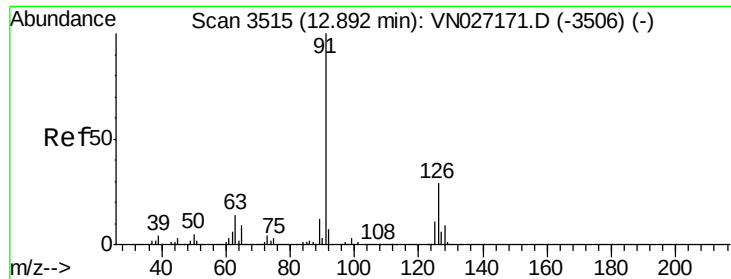
MMDadoda
 9/18/2015 12:22:38 PM



#82
 trans-1,4-Dichloro-2-butene
 Concen: 0.21 ug/l m
 RT: 12.41 min Scan# 3365
 Delta R.T. 0.01 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion: 75 Resp: 699
 Ion Ratio Lower Upper
 75 100
 53 34.8 92.9 139.3#
 89 0.0 34.2 51.4#





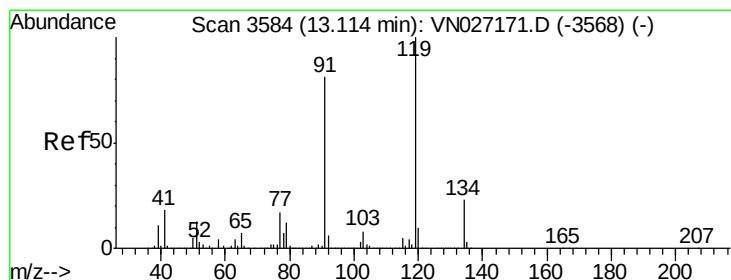
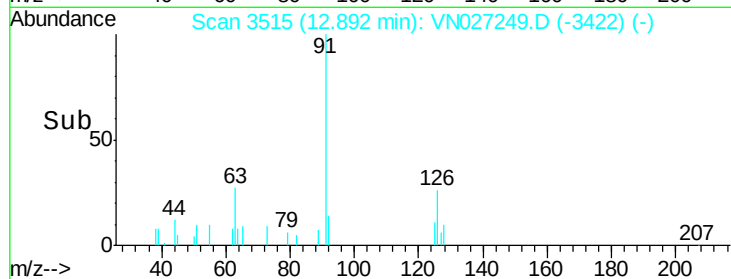
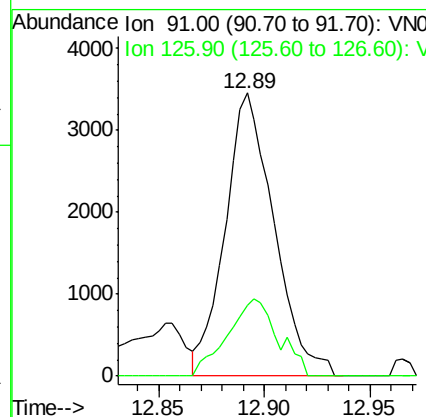
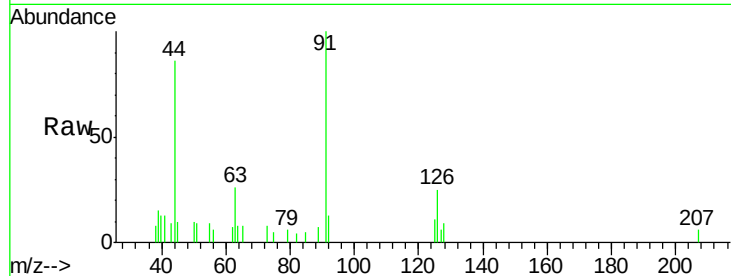
#83
4-Chlorotoluene
Concen: 0.27 ug/l
RT: 12.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
91	100		
126	28.1	14.9	44.5

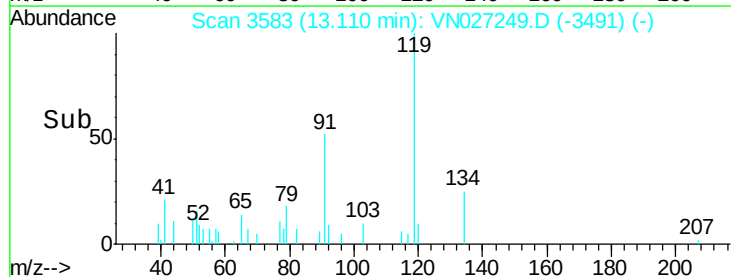
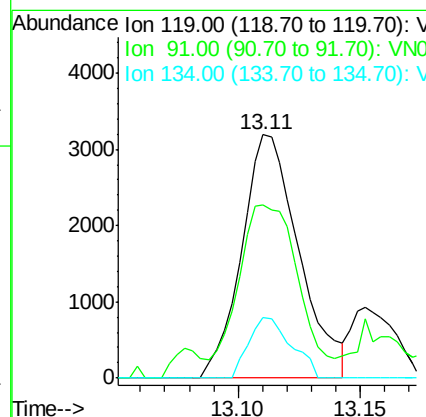
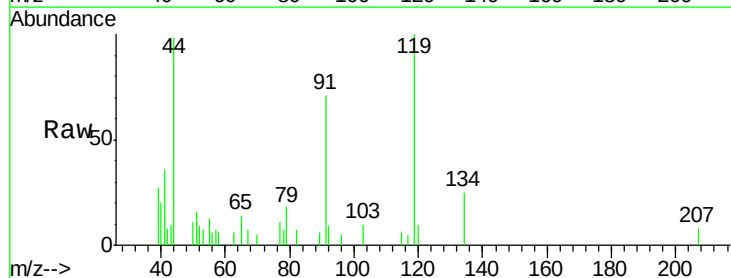
Manual Integrations
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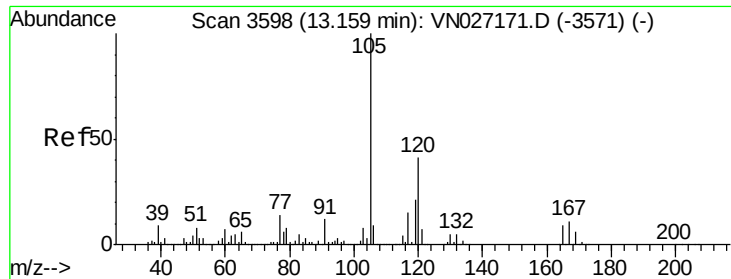
MMDadoda
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#84
tert-Butylbenzene
Concen: 0.27 ug/l
RT: 13.11 min Scan# 3583
Delta R.T. -0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.8	34.6	103.8
134	18.3	11.4	34.2





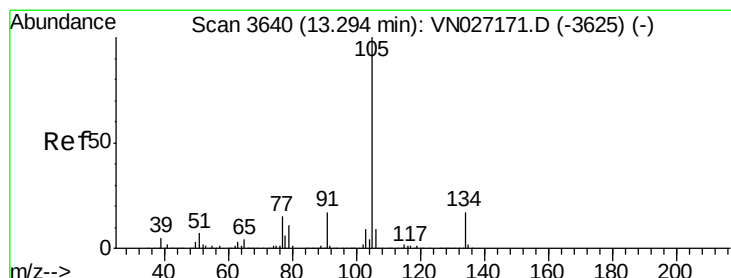
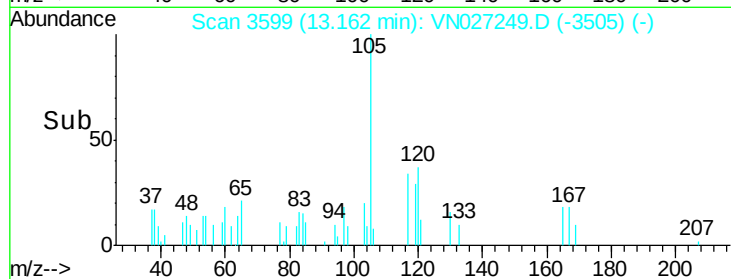
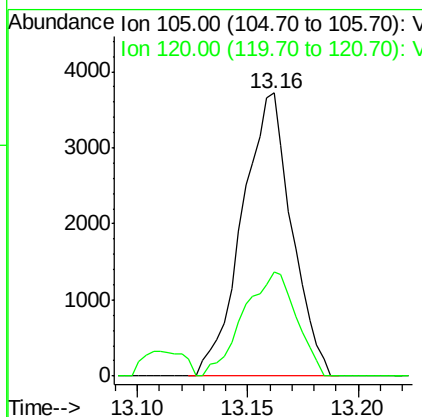
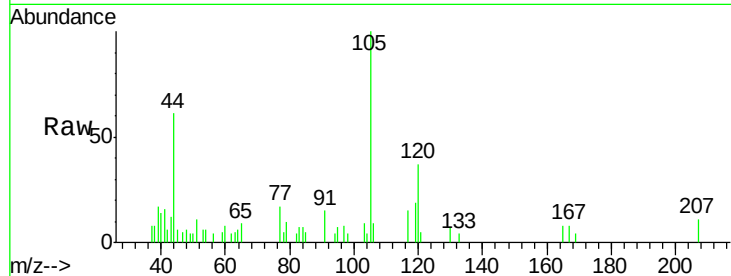
#85
 1,2,4-Trimethylbenzene
 Concen: 0.24 ug/l
 RT: 13.16 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:105 Resp: 5796
 Ion Ratio Lower Upper
 105 100
 120 39.0 21.9 65.5

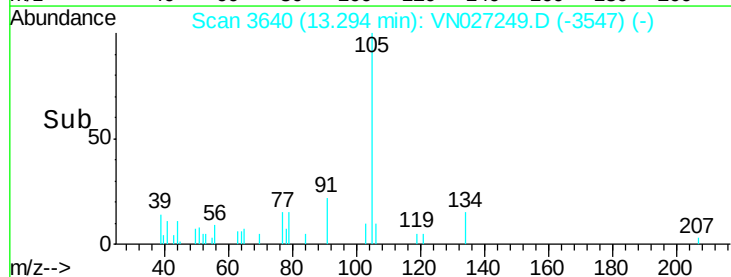
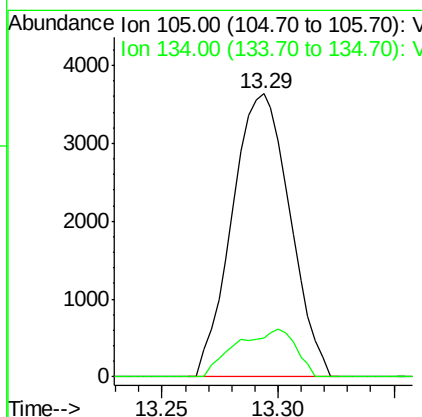
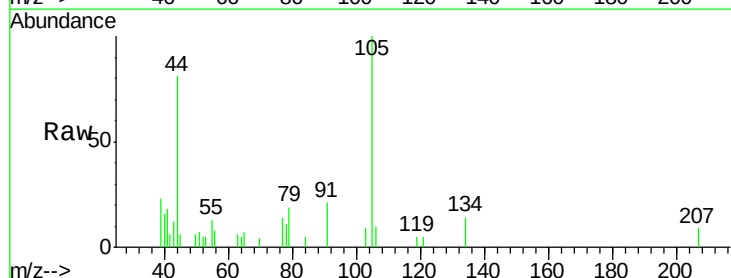
Manual Integrations
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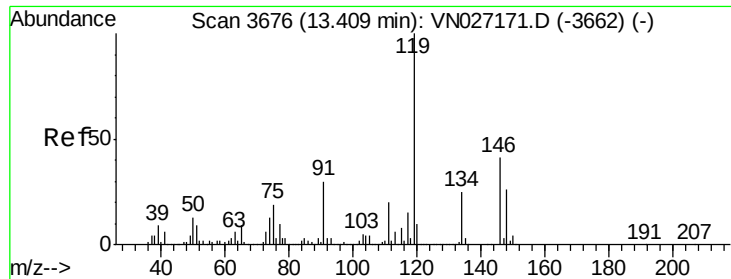
MMDadoda
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#86
 sec-Butylbenzene
 Concen: 0.22 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion:105 Resp: 6292
 Ion Ratio Lower Upper
 105 100
 134 17.4 8.8 26.4





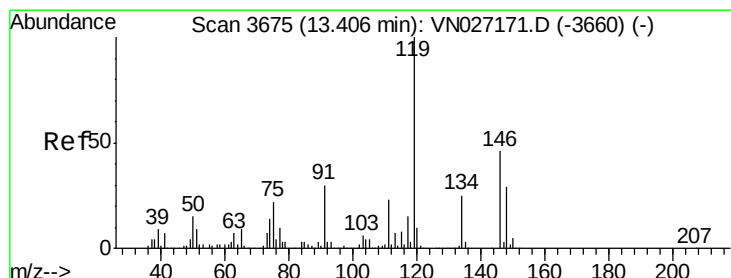
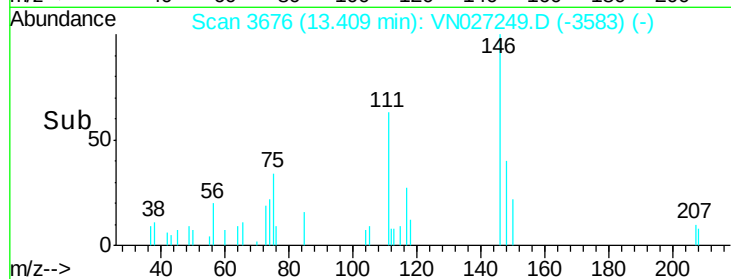
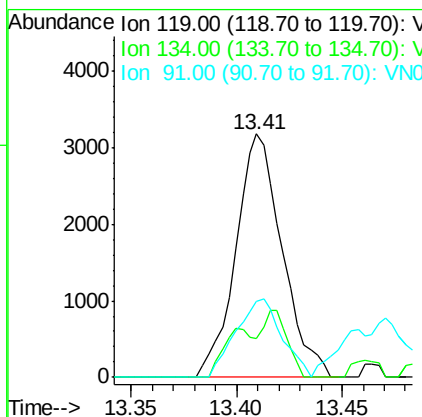
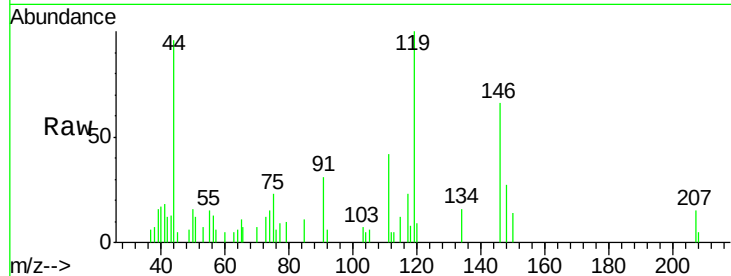
#87
 p-Isopropyltoluene
 Concen: 0.22 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
119	100		
134	14.4	12.4	37.0
91	31.9	12.0	36.1

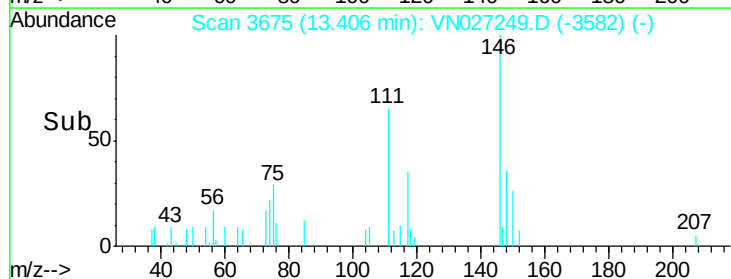
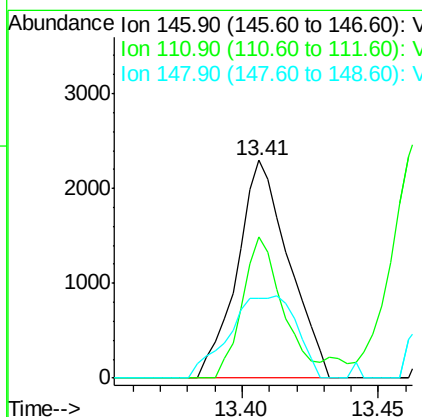
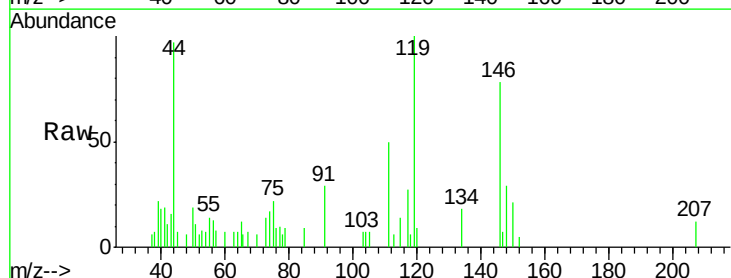
Manual Integrations
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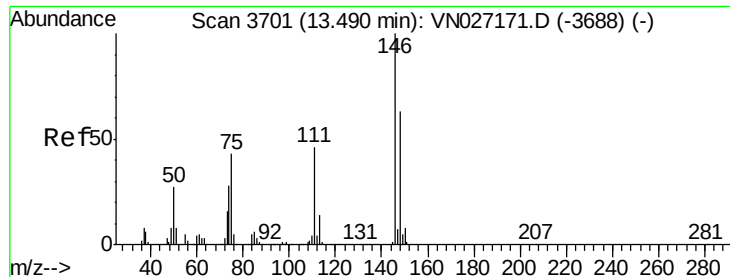
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 9/18/2015 12:22:38 PM



#88
 1,3-Dichlorobenzene
 Concen: 0.31 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.2	21.0	63.0
148	49.4	31.9	95.9





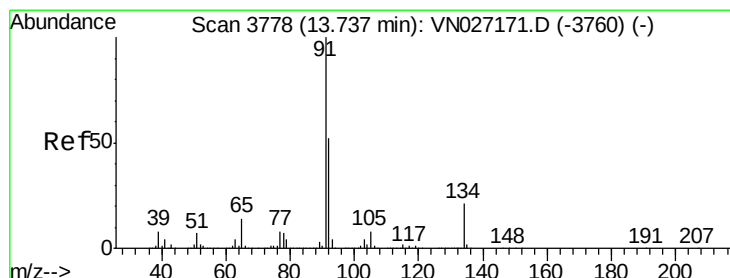
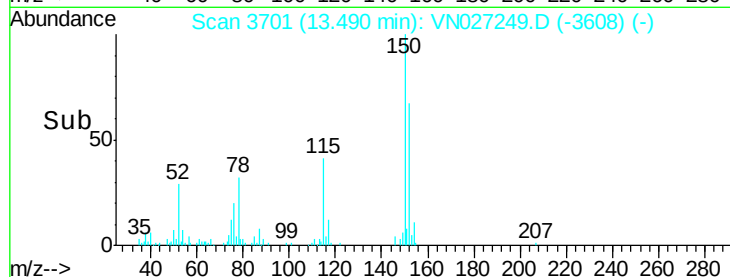
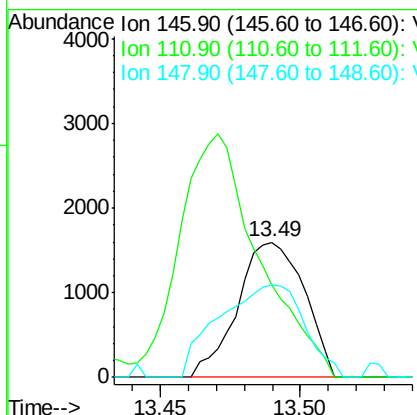
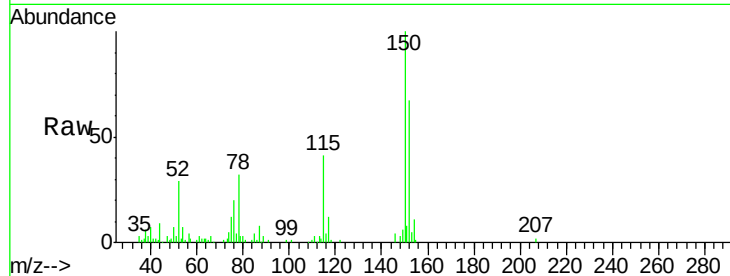
#89
 1,4-Dichlorobenzene
 Concen: 0.27 ug/l m
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
146	100		
111	58.0	19.9	59.6
148	56.0	31.7	95.1

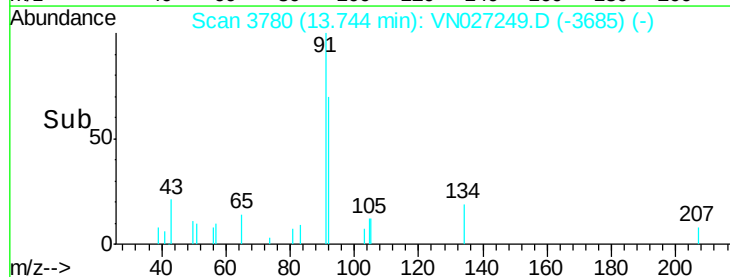
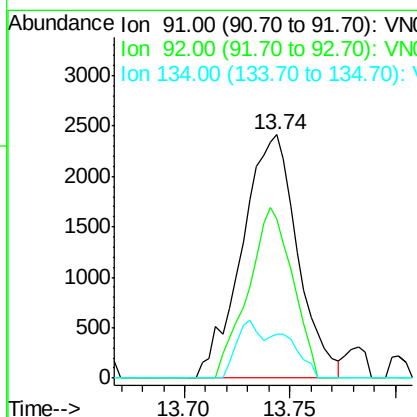
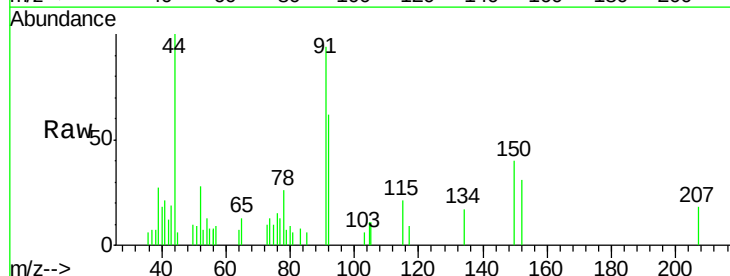
Manual Integrations
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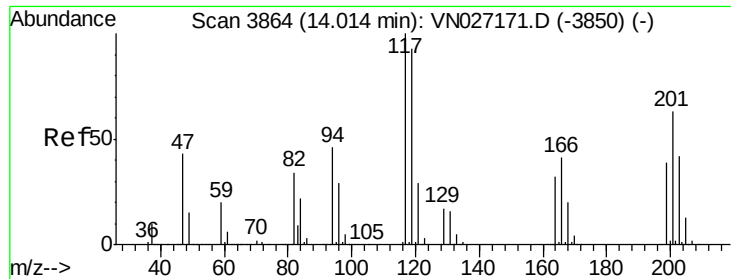
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#90
 n-Butylbenzene
 Concen: 0.21 ug/l
 RT: 13.74 min Scan# 3780
 Delta R.T. 0.01 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.9	26.1	78.2
134	10.7	11.1	33.1





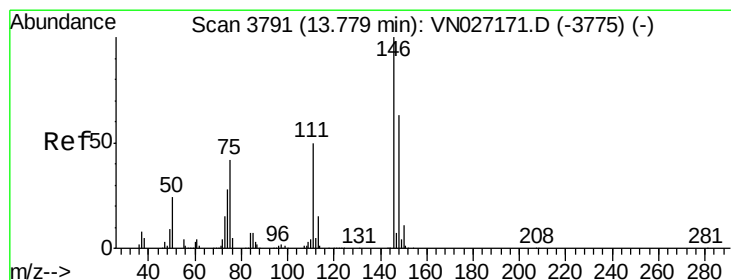
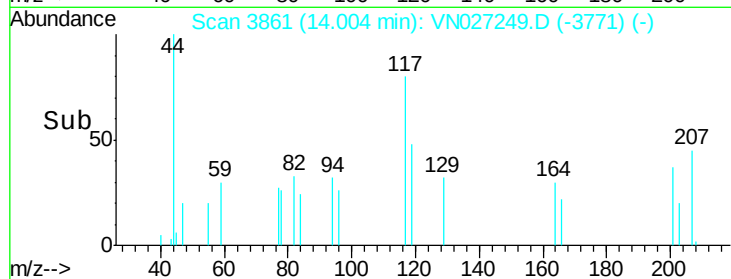
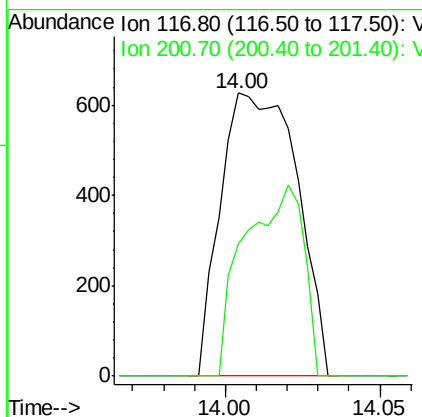
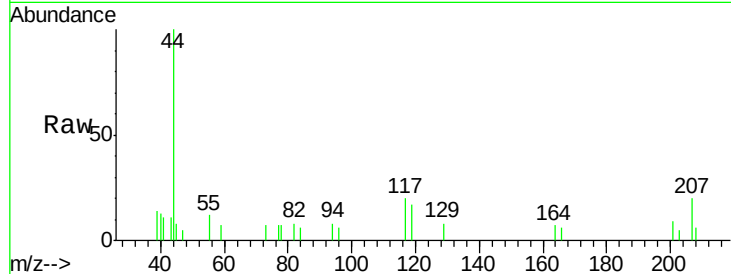
#91
 Hexachloroethane
 Concen: 0.22 ug/l
 RT: 14.00 min Scan# 3861
 Delta R.T. -0.01 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:117 Resp: 1077
 Ion Ratio Lower Upper
 117 100
 201 52.4 34.9 104.7

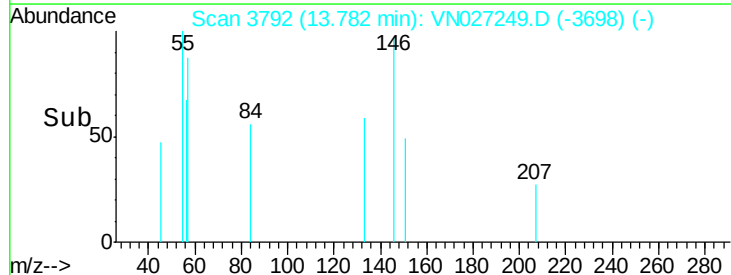
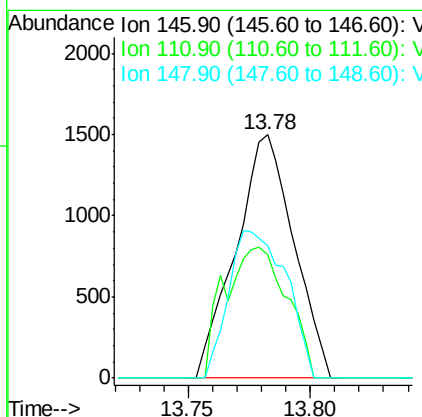
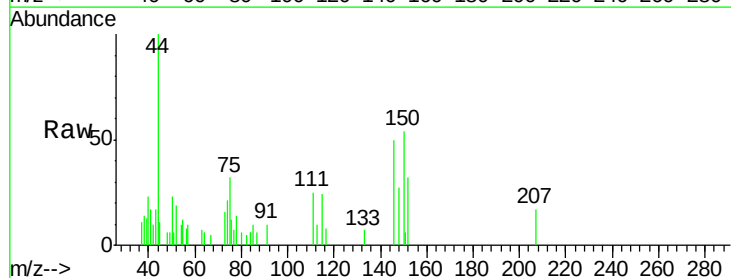
Manual Integrations
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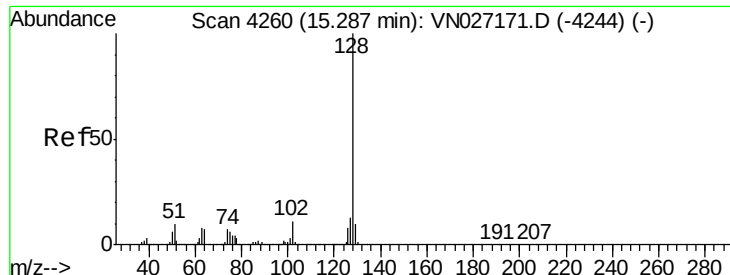
MMDadoda
 9/18/2015 12:22:38 PM



#92
 1,2-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.78 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VN027249.D
 Acq: 17 Sep 2015 12:26

Tgt Ion:146 Resp: 2468
 Ion Ratio Lower Upper
 146 100
 111 58.3 22.1 66.3
 148 60.3 32.0 96.0





#96
Naphthalene
Concen: 0.20 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN027249.D
Acq: 17 Sep 2015 12:26

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
128	100		
127	4.7	10.4	15.6#
129	2.4	8.6	12.8#

Manual Integrations
APPROVED

MMDadoda
9/18/2015 12:22:38 PM

