

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027333.D
 Acq On : 21 Sep 2015 15:41
 Operator : MD\FY
 Sample : G3707-05 0.2PPB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Manual Integrations
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 9/22/2015 7:25:52 PM

Quant Time: Sep 22 10:45:50 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	515176	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	933361	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	769212	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	253333	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	495448	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
36) Dibromofluoromethane	7.68	113	305200	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
51) Toluene-d8	10.19	98	1199821	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
63) 4-Bromofluorobenzene	12.52	95	396285	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	1097	0.21	ug/l #	41
3) Chlorodifluoromethane	1.82	51	1423	0.21	ug/l #	92
4) Chloromethane	2.01	50	3495	0.57	ug/l	90
5) Vinyl Chloride	2.14	62	1999	0.29	ug/l #	86
6) Bromomethane	2.54	94	1563	0.56	ug/l	94
7) Chloroethane	2.68	64	1181	0.27	ug/l #	88
8) Trichlorofluoromethane	3.02	101	2338	0.24	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	1810m	0.29	ug/l	
13) 1,1-Dichloroethene	3.77	96	1516	0.26	ug/l #	64
14) Acrolein	3.64	56	99	0.09	ug/l #	32
16) Acrylonitrile	5.03	53	29	0.01	ug/l #	17
18) Carbon Disulfide	4.11	76	7531	0.43	ug/l #	92
20) Methyl tert-butyl Ether	5.12	73	4930m	0.21	ug/l	
21) Methylene Chloride	4.61	84	2277m	0.31	ug/l	
22) trans-1,2-Dichloroethene	5.13	96	2060m	0.32	ug/l	
23) Diisopropyl ether	6.05	45	6393m	0.26	ug/l	
28) cis-1,2-Dichloroethene	6.92	96	1994	0.26	ug/l	78
30) Tetrahydrofuran	7.34	42	3292	1.45	ug/l #	73
31) Chloroform	7.46	83	3541	0.26	ug/l	90
32) Cyclohexane	7.75	56	19917	Below Cal	#	16
33) 1,1,1-Trichloroethane	7.67	97	2941	0.24	ug/l #	45
37) 1,1-Dichloropropene	7.89	75	3451	0.34	ug/l #	80
39) Carbon Tetrachloride	7.88	117	2174	0.23	ug/l	98
40) Methylcyclohexane	9.19	83	3626	0.30	ug/l	97
41) Benzene	8.14	78	7804	0.27	ug/l	94
43) 1,2-Dichloroethane	8.22	62	3110	0.26	ug/l	86
45) Trichloroethene	8.94	130	1497	0.26	ug/l	69
46) 1,2-Dichloropropane	9.22	63	2398	0.29	ug/l	99
47) Dibromomethane	9.31	93	1575	0.32	ug/l #	55
48) Bromodichloromethane	9.49	83	2613	0.25	ug/l #	63
52) 4-Methyl-2-Pentanone	10.07	43	9702	1.27	ug/l	99
53) Toluene	10.25	92	4764	0.28	ug/l	87
54) t-1,3-Dichloropropene	10.48	75	2624	0.24	ug/l	94
55) cis-1,3-Dichloropropene	9.93	75	3306	0.27	ug/l #	80

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Manual Integrations
 APPROVED

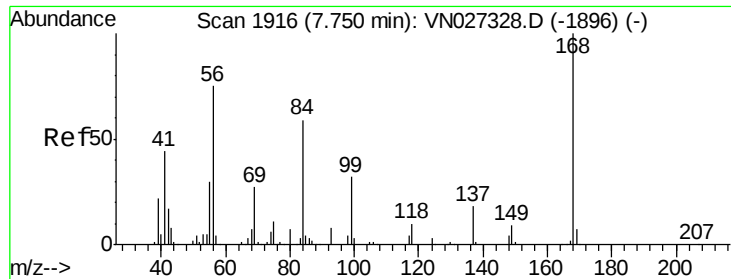
MMDadoda
 9/22/2015 7:25:52 PM

Quant Time: Sep 22 10:45:50 2015
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) 1,1,2-Trichloroethane	10.65	97	1335	0.21	ug/l #	87
57) Ethyl methacrylate	10.53	69	2045	0.20	ug/l #	60
58) 1,3-Dichloropropane	10.80	76	2904	0.24	ug/l	94
59) 2-Chloroethyl Vinyl ether	9.79	63	4228	0.93	ug/l #	77
60) 2-Hexanone	10.84	43	5429	1.05	ug/l	96
61) Dibromochloromethane	11.00	129	1585	0.25	ug/l	95
62) 1,2-Dibromoethane	11.11	107	1253	0.20	ug/l #	66
65) Tetrachloroethene	10.74	164	1487	0.32	ug/l	98
66) Chlorobenzene	11.54	112	4898	0.30	ug/l #	80
67) 1,1,1,2-Tetrachloroethane	11.62	131	1298	0.23	ug/l #	56
68) Ethyl Benzene	11.62	91	8063	0.26	ug/l	97
69) m/p-Xylenes	11.73	106	5671	0.53	ug/l	95
70) o-Xylene	12.06	106	2726	0.25	ug/l	99
71) Styrene	12.07	104	4128	0.24	ug/l	95
74) Isopropylbenzene	12.36	105	6639	0.26	ug/l	99
75) N-amyl acetate	12.17	43	2032	0.20	ug/l #	88
76) 1,1,2,2-Tetrachloroethane	12.61	83	2150	0.30	ug/l #	97
77) 1,2,3-Trichloropropane	12.66	75	1445m	0.23	ug/l	
78) Bromobenzene	12.65	156	1580	0.32	ug/l	94
79) n-propylbenzene	12.71	91	8197	0.27	ug/l	96
80) 2-Chlorotoluene	12.80	91	5788	0.31	ug/l	98
81) 1,3,5-Trimethylbenzene	12.85	105	5219	0.25	ug/l	94
83) 4-Chlorotoluene	12.90	91	5915	0.33	ug/l	81
84) tert-Butylbenzene	13.11	119	4267	0.26	ug/l	76
85) 1,2,4-Trimethylbenzene	13.16	105	5572	0.27	ug/l	82
86) sec-Butylbenzene	13.30	105	5839	0.24	ug/l	98
87) p-Isopropyltoluene	13.41	119	3901	0.21	ug/l #	79
88) 1,3-Dichlorobenzene	13.41	146	2434	0.28	ug/l #	79
89) 1,4-Dichlorobenzene	13.49	146	2886	0.33	ug/l #	69
90) n-Butylbenzene	13.74	91	4340	0.24	ug/l	96
91) Hexachloroethane	14.01	117	1024	0.26	ug/l	81
92) 1,2-Dichlorobenzene	13.78	146	2674	0.31	ug/l	100
94) 1,2,4-Trichlorobenzene	15.06	180	1052	0.24	ug/l #	47
95) Hexachlorobutadiene	15.16	225	603	0.25	ug/l	65
96) Naphthalene	15.29	128	2373	3.98	ug/l #	85
97) 1,2,3-Trichlorobenzene	15.47	180	775	0.18	ug/l	78

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VN027333.D

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LOD-WATER2015-01

Tot Ion:168 Resp: 515176

Ion Ratio Lower Upper

168 100

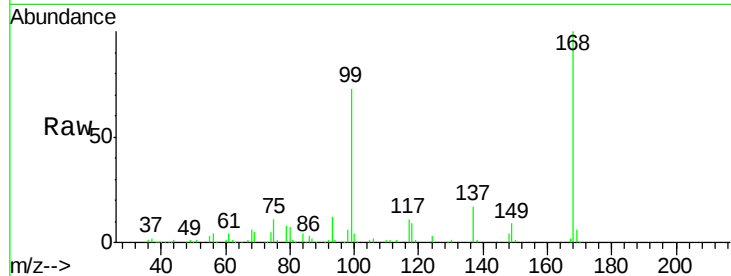
99 73.0 50.4 75.6

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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

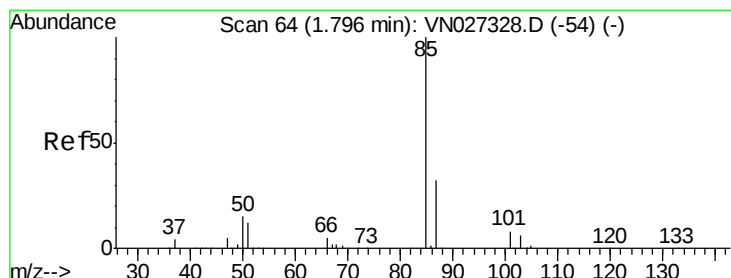
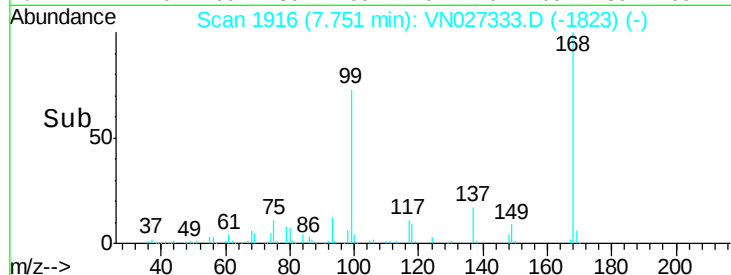
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.21 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027333.D

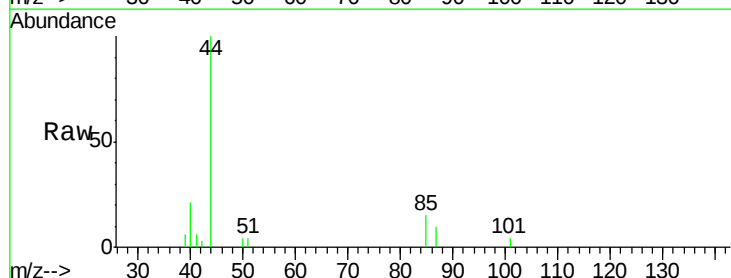
Acq: 21 Sep 2015 15:41

Tgt Ion: 85 Resp: 1097

Ion Ratio Lower Upper

85 100

87 65.8 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

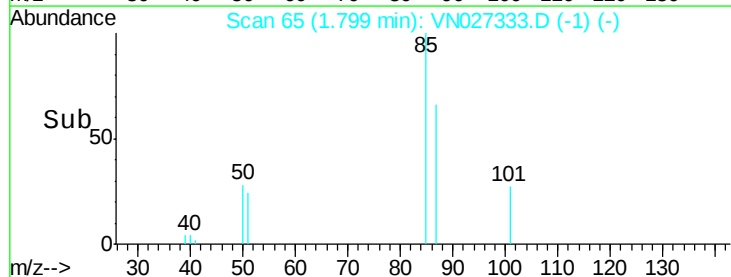
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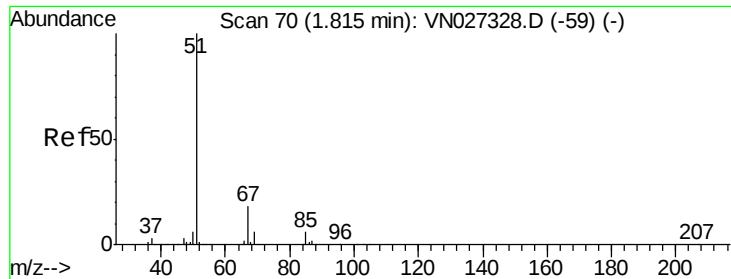
400

200

0

Time-->





#3

Chlorodifluoromethane

Concen: 0.21 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

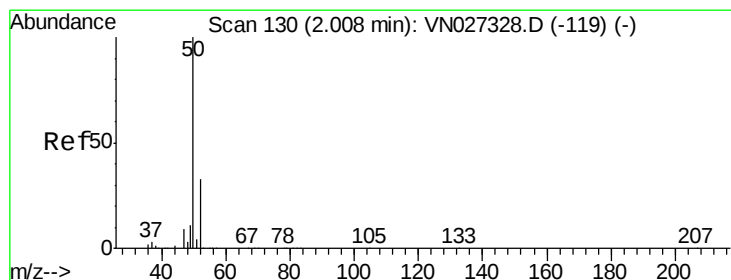
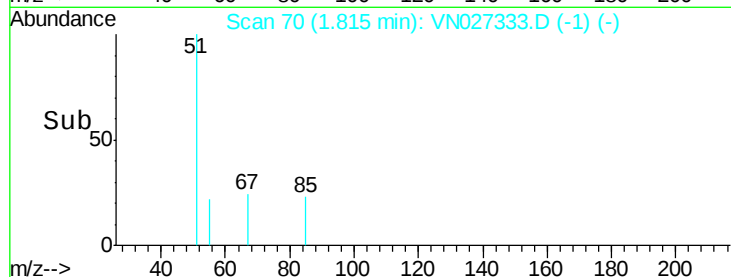
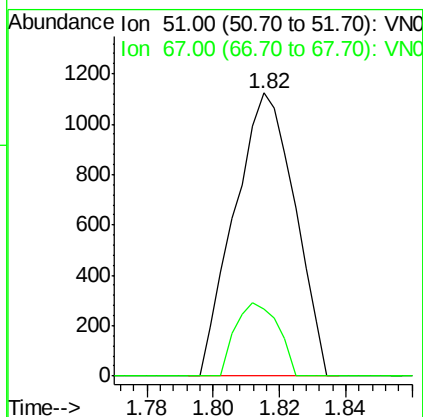
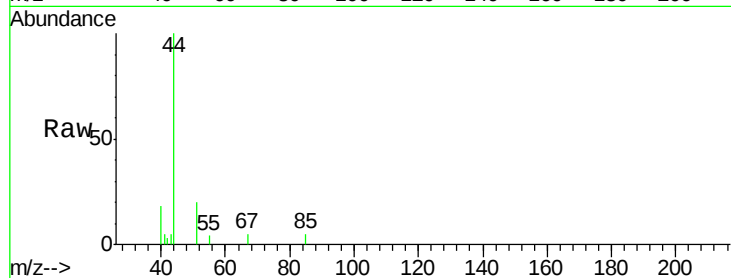
ClientSampleId :

LOD-WATER2015-01

Tot Ion	51	Resp	1423
Ion	Ratio	Lower	Upper
51	100		
67	18.3	12.2	18.2#

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#4

Chloromethane

Concen: 0.57 ug/l

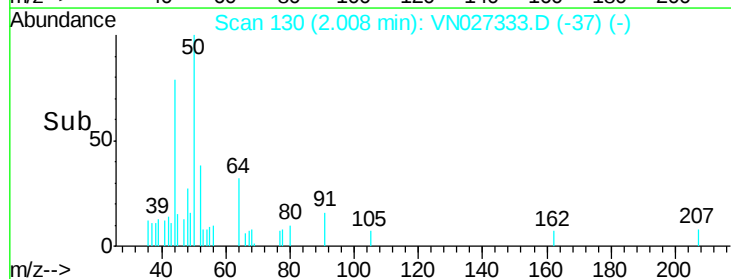
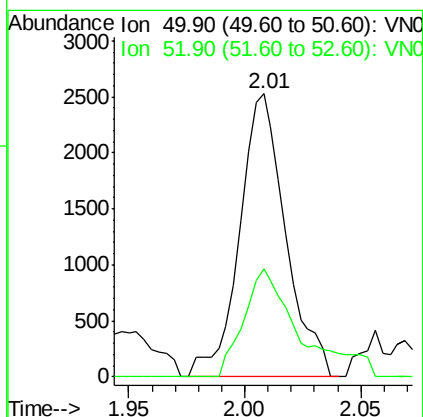
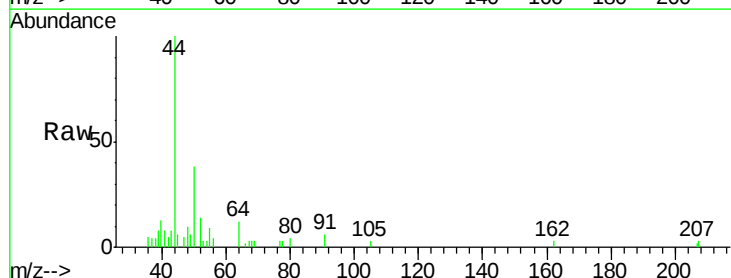
RT: 2.01 min Scan# 130

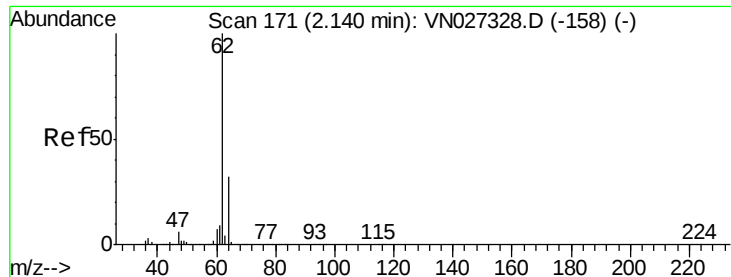
Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Tgt Ion	50	Resp	3495
Ion	Ratio	Lower	Upper
50	100		
52	38.0	25.9	38.9





#5

Vinyl Chloride

Concen: 0.29 ug/l

RT: 2.14 min Scan# 170

Delta R.T. -0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 62 Resp: 1999

Ion Ratio Lower Upper

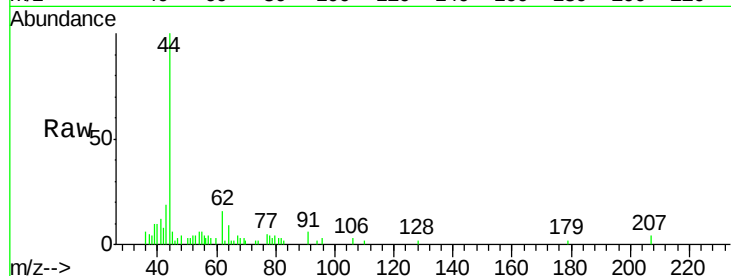
62 100

64 24.4 25.9 38.9#

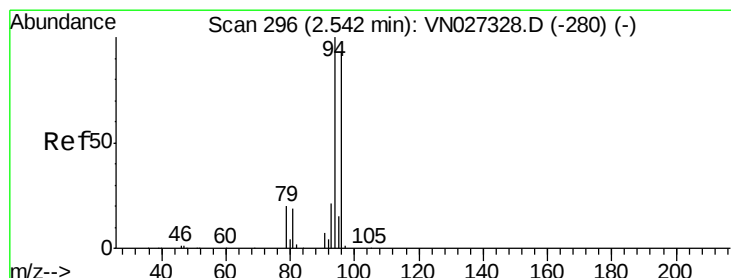
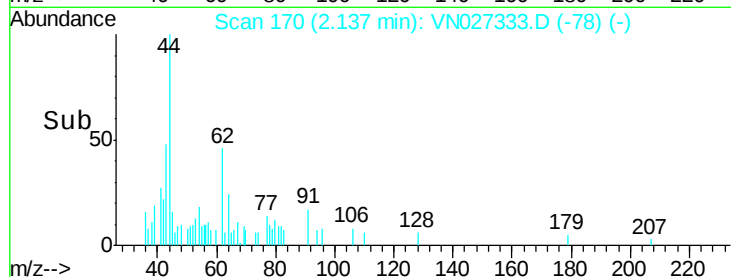
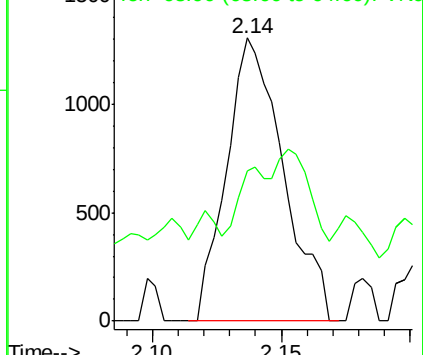
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Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO



#6

Bromomethane

Concen: 0.56 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.00 min

Lab File: VN027333.D

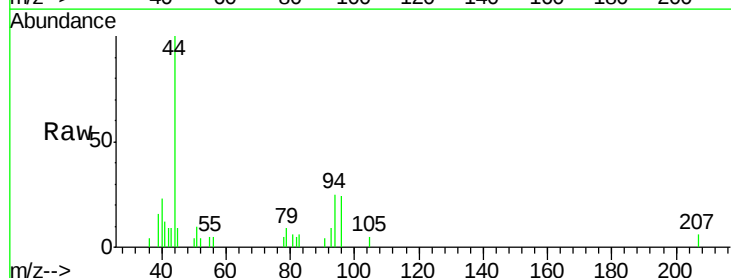
Acq: 21 Sep 2015 15:41

Tgt Ion: 94 Resp: 1563

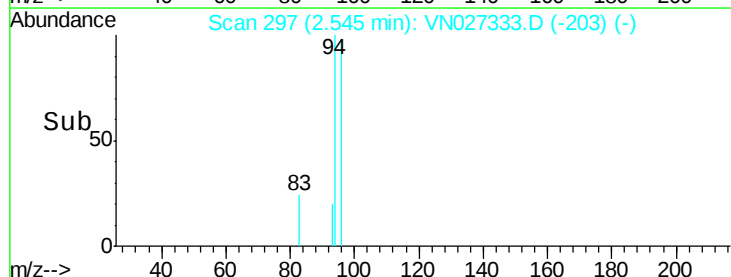
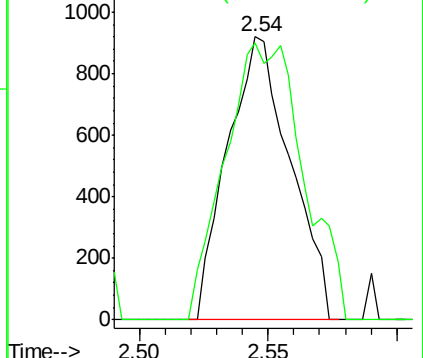
Ion Ratio Lower Upper

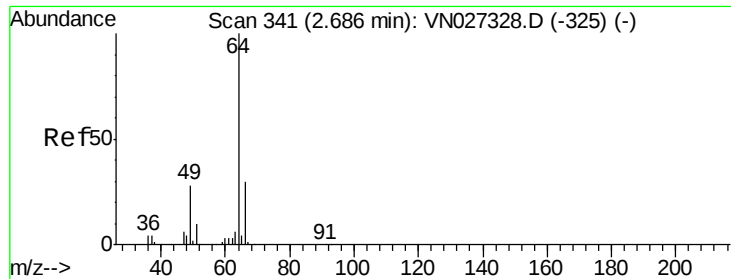
94 100

96 97.7 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO





#7

Chloroethane

Concen: 0.27 ug/l

RT: 2.68 min Scan# 339

Delta R.T. -0.01 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

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Tot Ion: 64 Resp: 1181

Ion Ratio Lower Upper

64 100

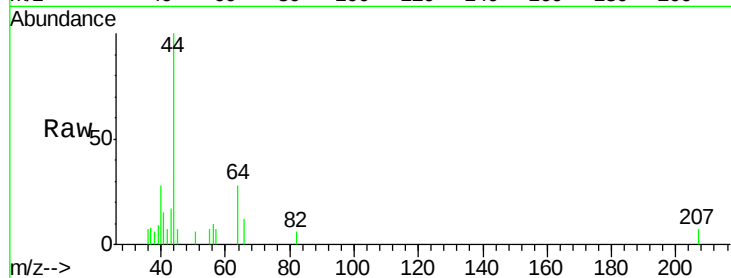
66 25.4 25.5 38.3#

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Abundance Ion 63.90 (63.60 to 64.60): VN027328.D (-325) (-)

Ion 65.90 (65.60 to 66.60): VN027328.D (-325) (-)

2.68

800

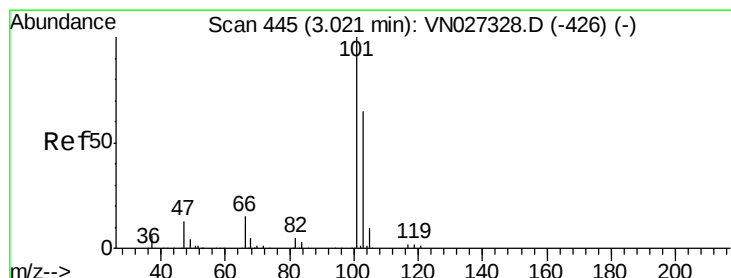
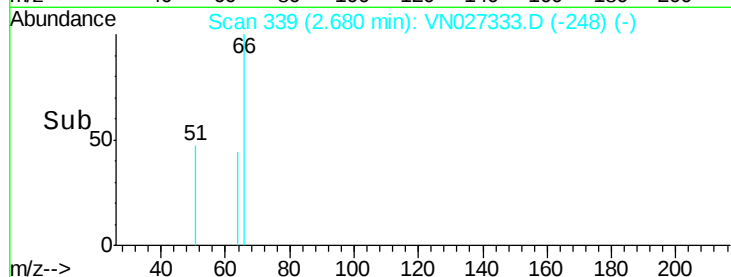
600

400

200

0

Time--> 2.64 2.66 2.68 2.70



#8

Trichlorofluoromethane

Concen: 0.24 ug/l

RT: 3.02 min Scan# 444

Delta R.T. -0.00 min

Lab File: VN027333.D

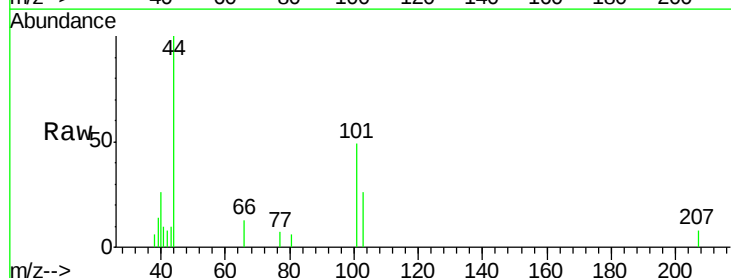
Acq: 21 Sep 2015 15:41

Tgt Ion: 101 Resp: 2338

Ion Ratio Lower Upper

101 100

103 54.0 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): VN027328.D (-426) (-)

Ion 102.80 (102.50 to 103.50): VN027328.D (-426) (-)

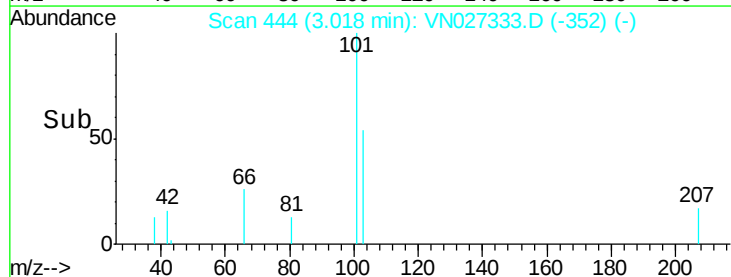
3.02

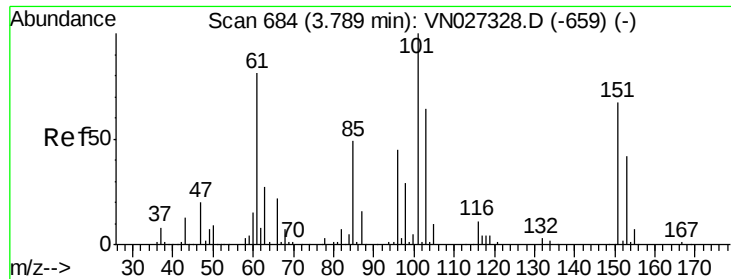
1000

500

0

Time--> 3.00 3.05





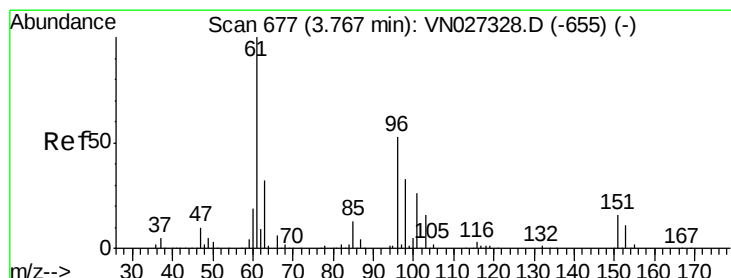
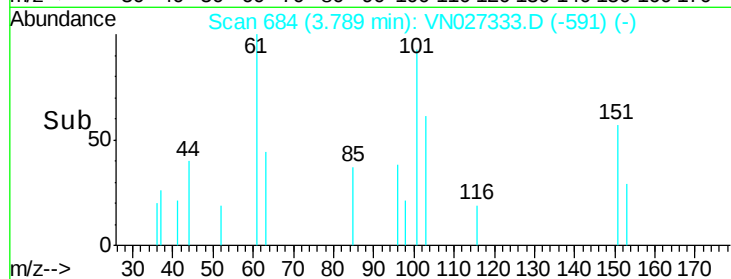
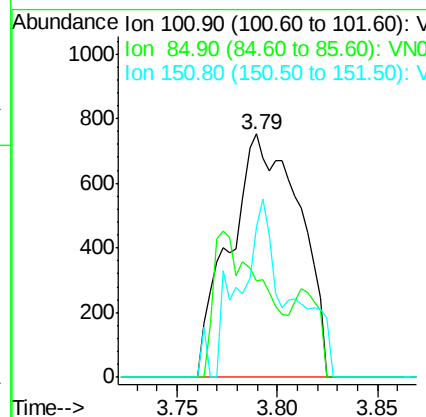
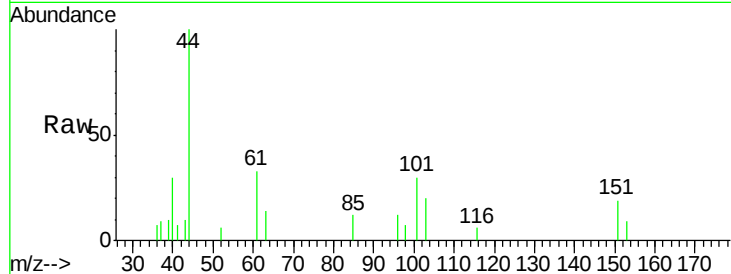
#10
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.29 ug/l m
 RT: 3.79 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: VN027333.D
 Acq: 21 Sep 2015 15:41

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	1810		
85	0.0	37.4	56.0#	
151	13.0	55.9	83.9#	

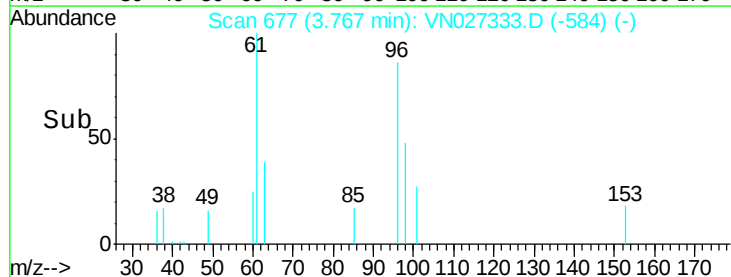
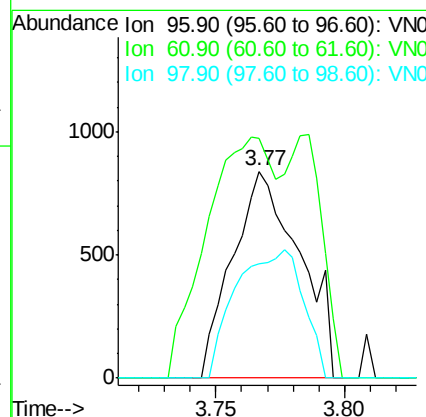
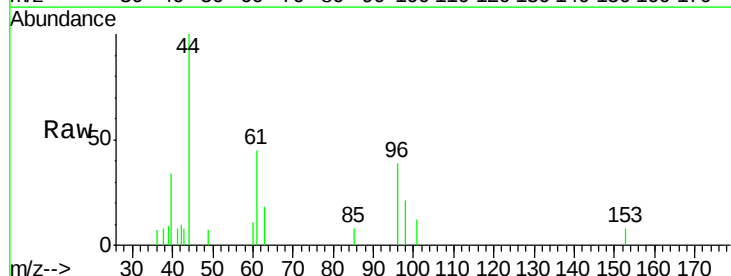
Manual Integrations
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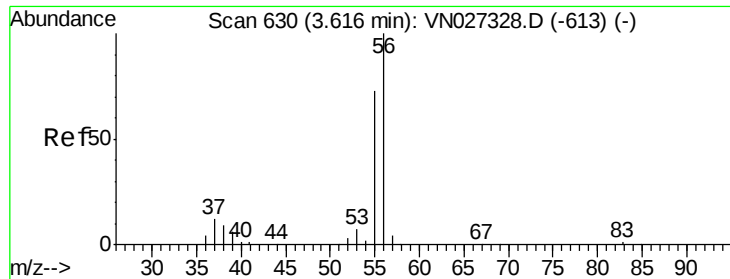
MMDadoda
 9/22/2015 7:25:52 PM



#13
 1,1-Dichloroethene
 Concen: 0.26 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027333.D
 Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	1516		
61	116.1	143.8	215.8#	
98	55.5	50.3	75.5	





#14

Acrolein

Concen: 0.09 ug/l

RT: 3.64 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 56 Resp: 99

Ion Ratio Lower Upper

56 100

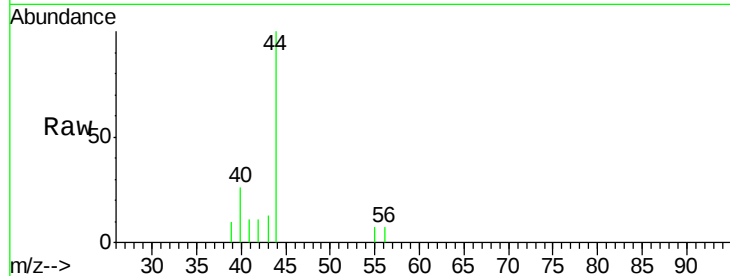
55 125.3 55.7 83.5#

Manual Integrations

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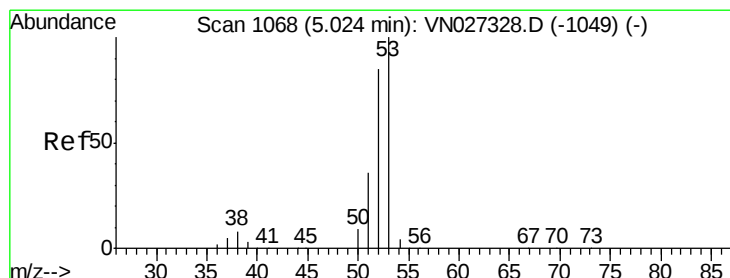
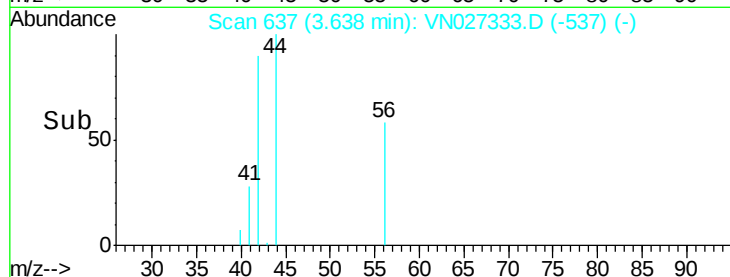
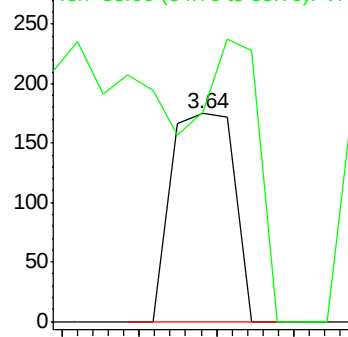
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acrylonitrile

Concen: 0.01 ug/l

RT: 5.03 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

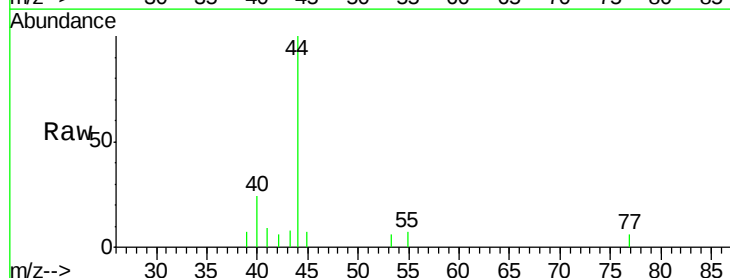
Tgt Ion: 53 Resp: 29

Ion Ratio Lower Upper

53 100

52 0.0 66.9 100.3#

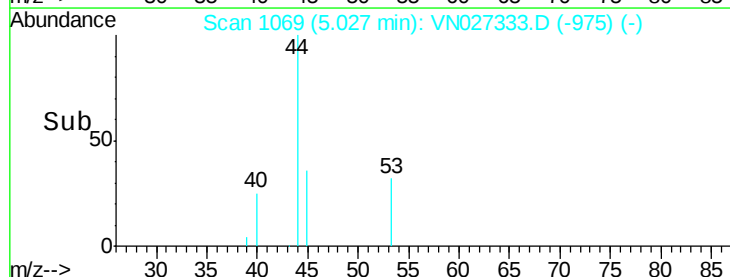
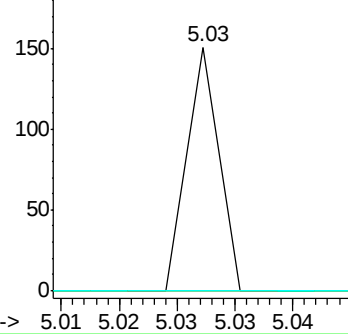
51 0.0 27.4 41.0#

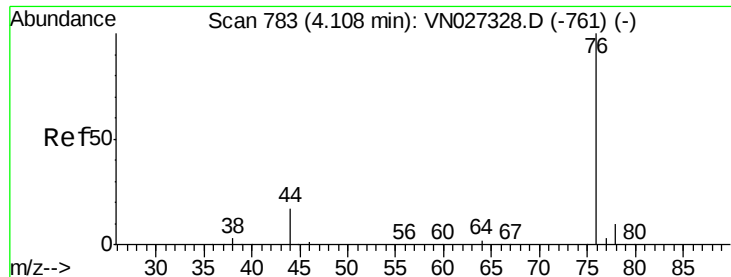


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#18

Carbon Disulfide

Concen: 0.43 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 76 Resp: 7531

Ion Ratio Lower Upper

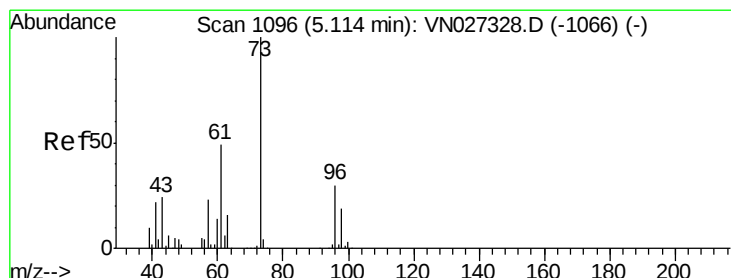
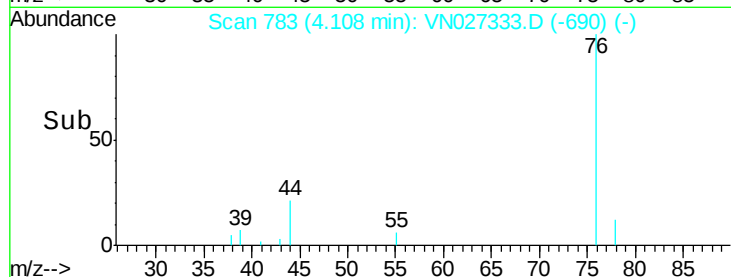
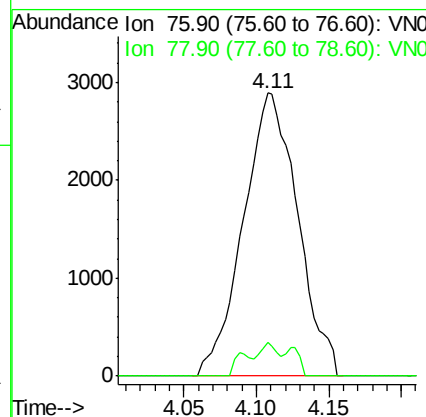
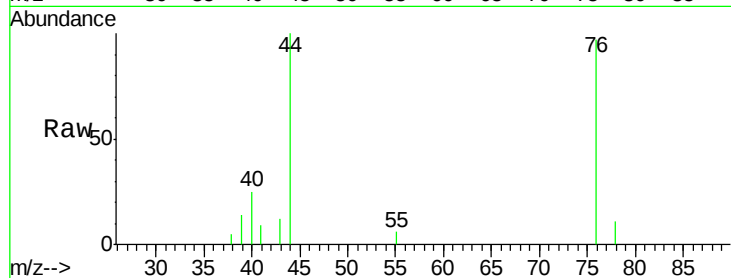
76 100

78 11.8 7.1 10.7#

Manual Integrations
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#20

Methyl tert-butyl Ether

Concen: 0.21 ug/l m

RT: 5.12 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VN027333.D

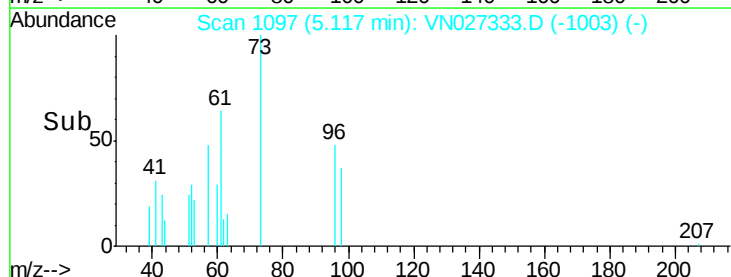
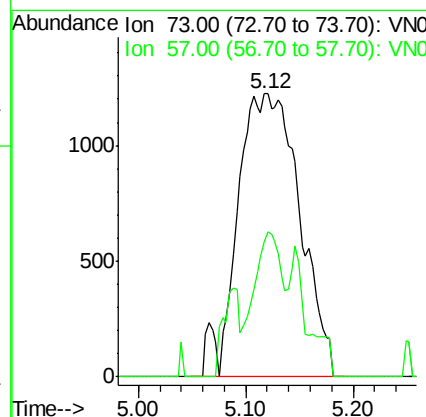
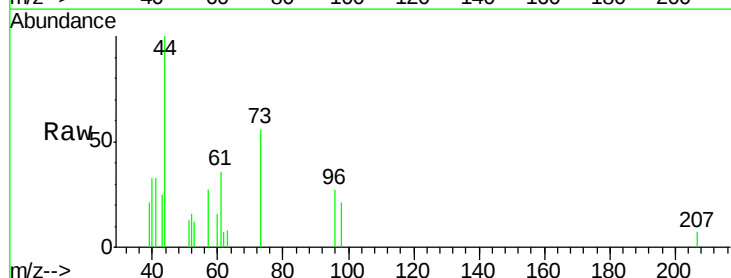
Acq: 21 Sep 2015 15:41

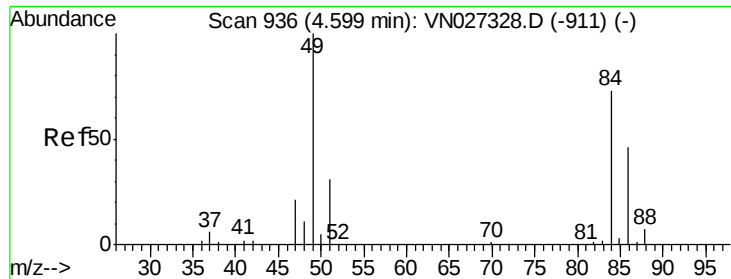
Tgt Ion: 73 Resp: 4930

Ion Ratio Lower Upper

73 100

57 47.6 19.8 29.6#





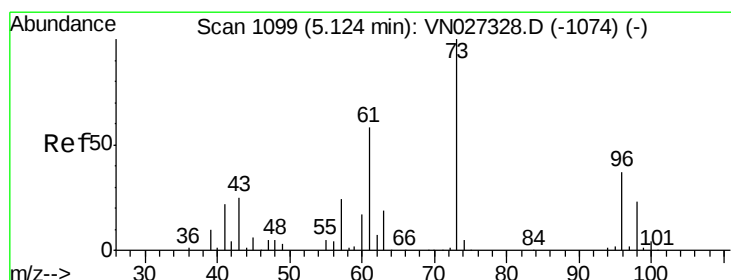
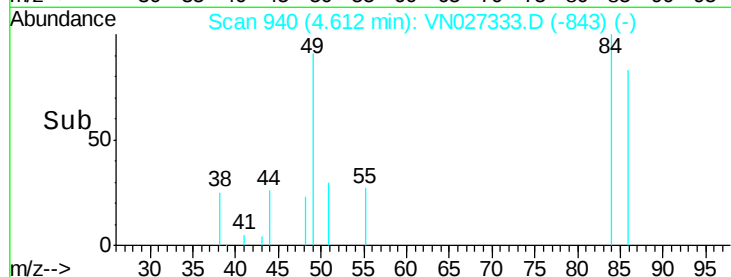
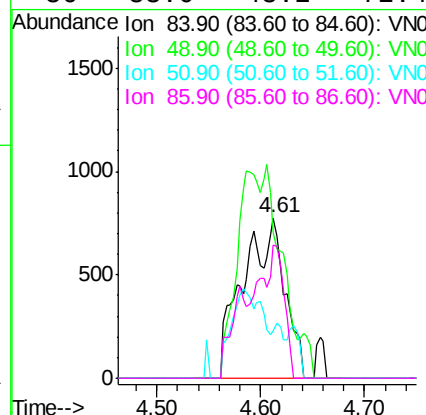
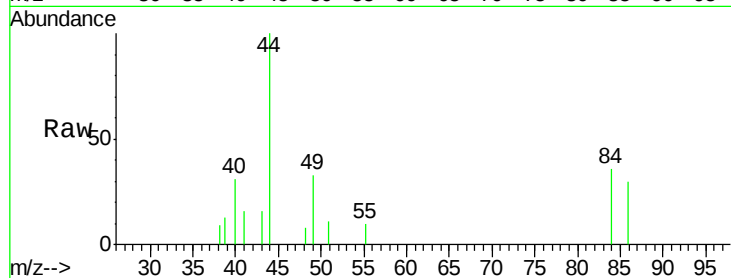
#21
Methvlene Chloride
Concen: 0.31 ug/l m
RT: 4.61 min Scan# 940
Delta R.T. 0.01 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion: 84 Resp: 2277
Ion Ratio Lower Upper
84 100
49 91.0 112.3 168.5#
51 29.9 33.8 50.8#
86 83.0 48.2 72.4#

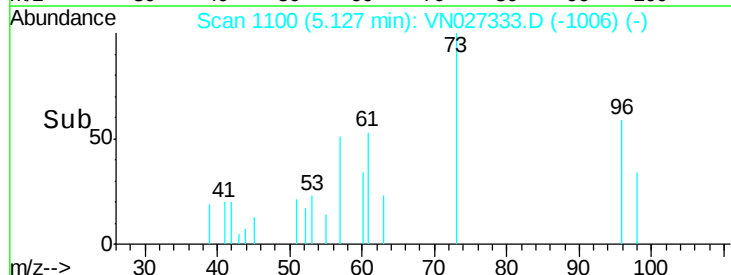
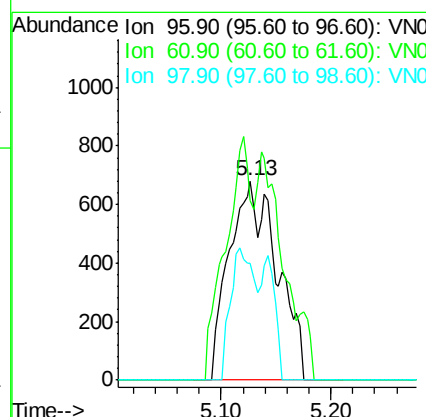
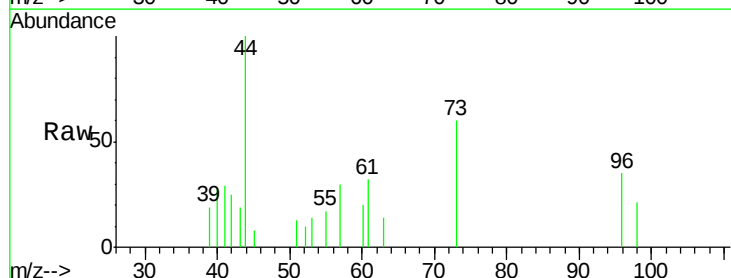
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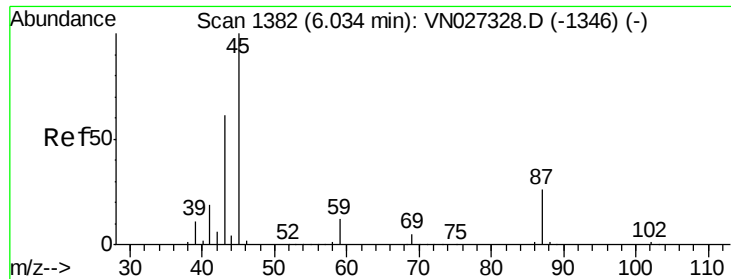
MMDadoda
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#22
trans-1,2-Dichloroethene
Concen: 0.32 ug/l m
RT: 5.13 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion: 96 Resp: 2060
Ion Ratio Lower Upper
96 100
61 90.2 126.6 189.8#
98 58.7 47.4 71.2





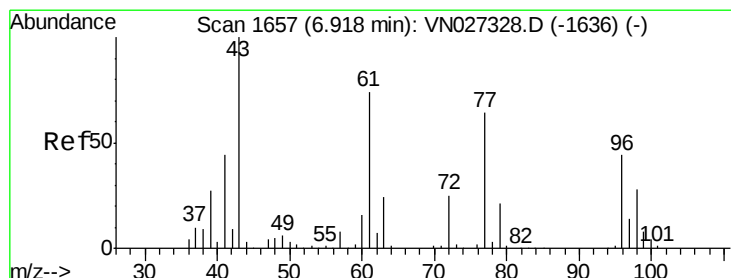
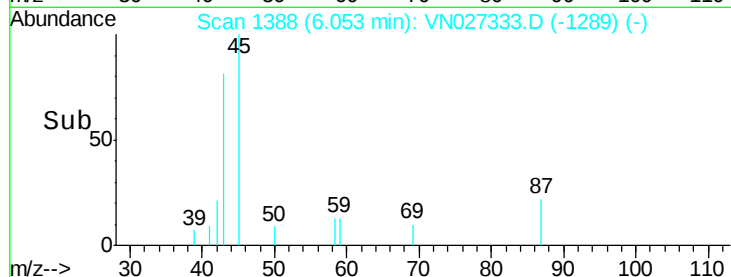
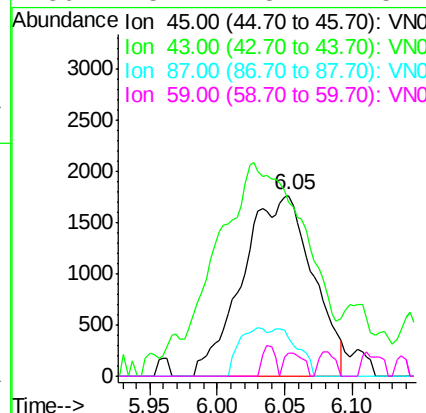
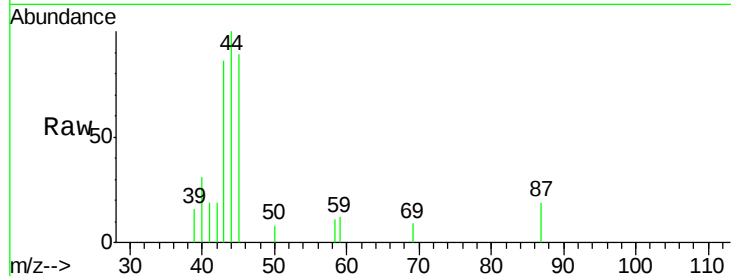
#23
Diisopropyl ether
Concen: 0.26 ug/l m
RT: 6.05 min Scan# 1388
Delta R.T. 0.02 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
45	100		
43	96.2	41.0	61.6#
87	21.5	17.5	26.3
59	13.1	8.7	13.1

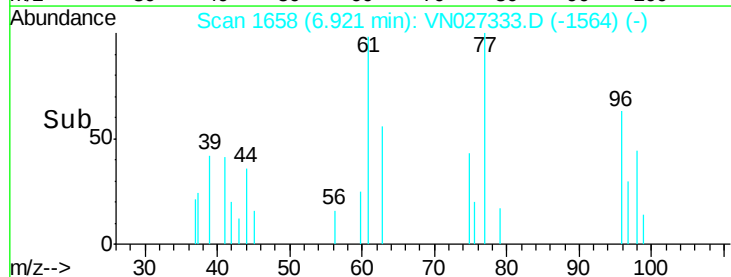
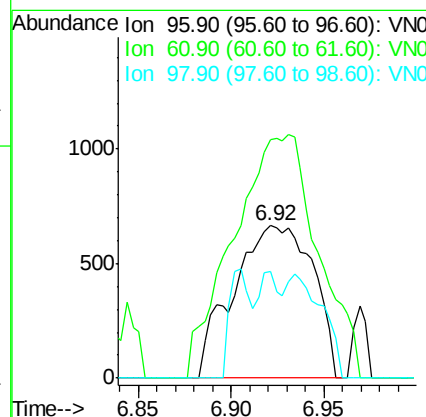
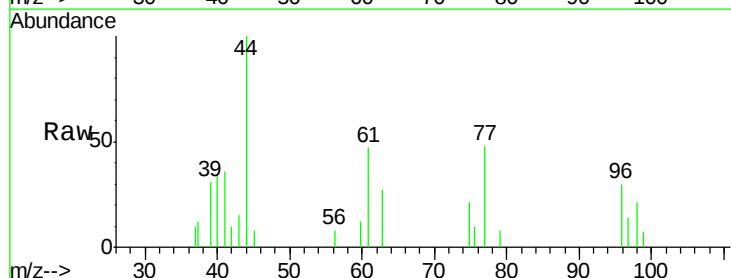
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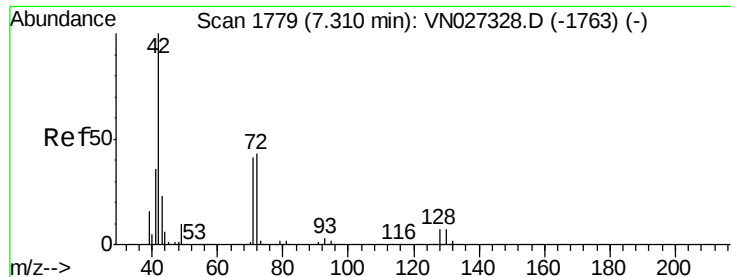
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#28
cis-1,2-Dichloroethene
Concen: 0.26 ug/l
RT: 6.92 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.5	0.0	329.2
98	7.4	0.0	126.0





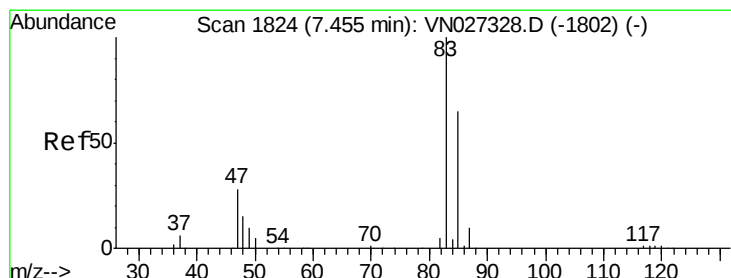
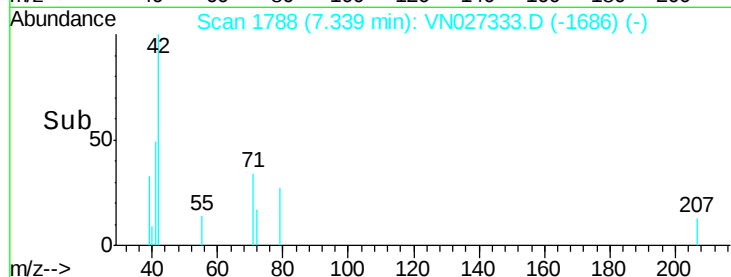
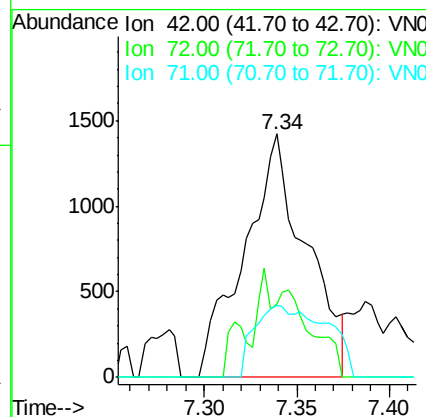
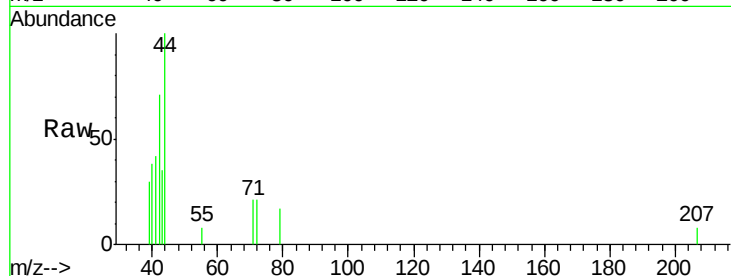
#30
Tetrahydrofuran
Concen: 1.45 ug/l
RT: 7.34 min Scan# 1788
Delta R.T. 0.03 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
42	100		
72	7.2	29.9	44.9#
71	34.3	28.3	42.5

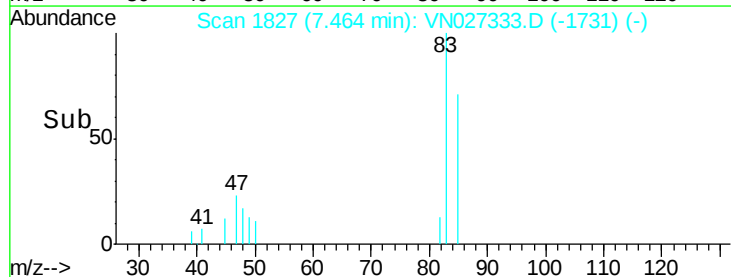
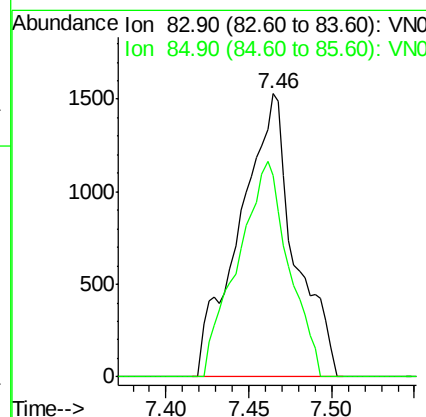
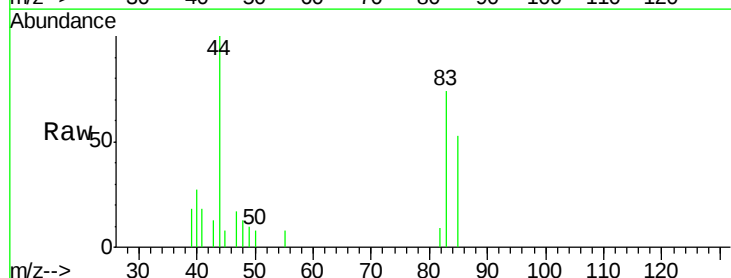
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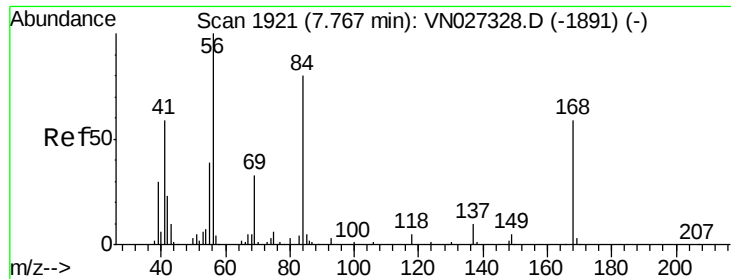
MMDadoda
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#31
Chloroform
Concen: 0.26 ug/l
RT: 7.46 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.4	51.1	76.7





#32

Cyclohexane

Concen: Below Cal

RT: 7.75 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 56 Resp: 19917

Ion Ratio Lower Upper

56 100

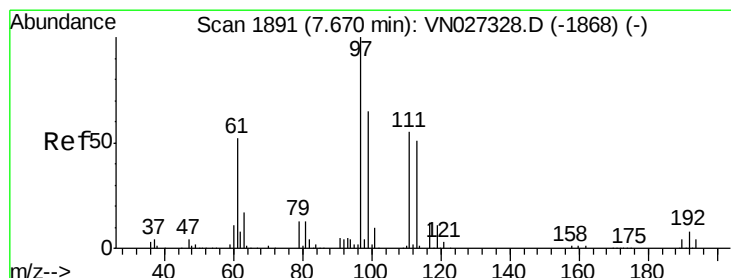
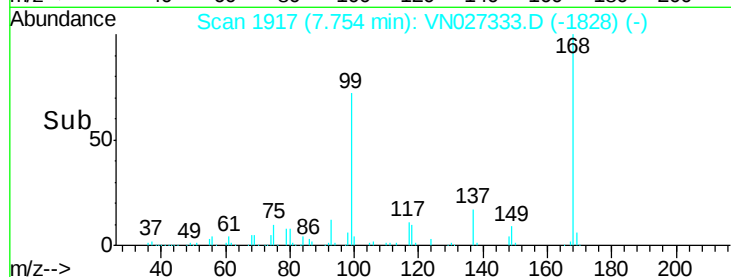
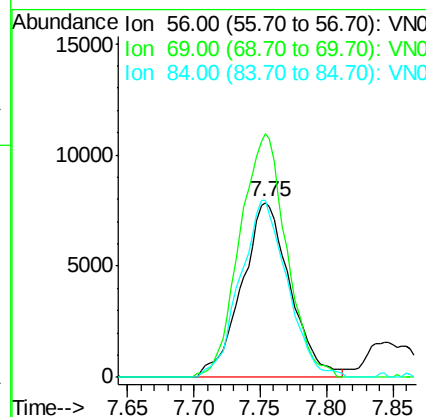
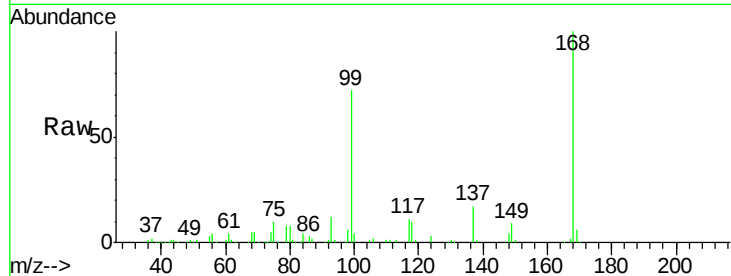
69 139.1 23.0 34.4#

84 101.1 57.8 86.8#

Manual Integrations
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#33

1,1,1-Trichloroethane

Concen: 0.24 ug/l

RT: 7.67 min Scan# 1892

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

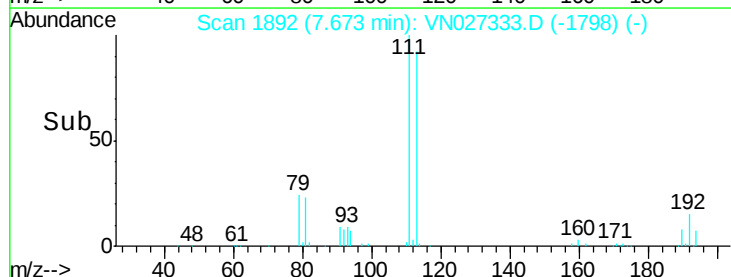
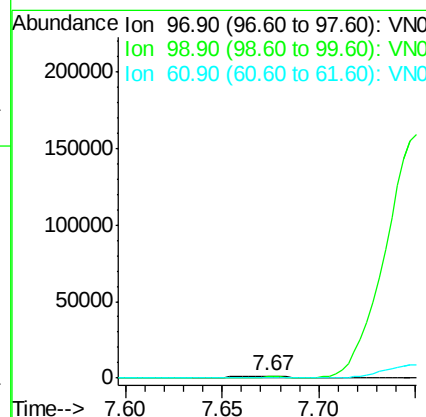
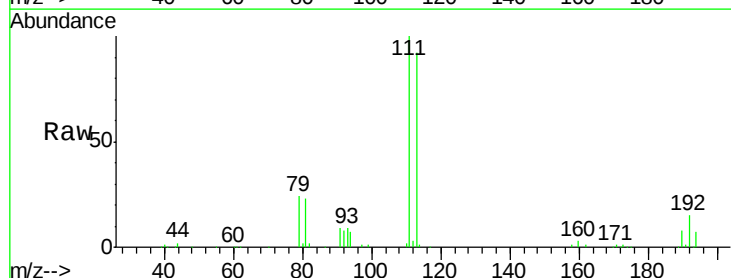
Tgt Ion: 97 Resp: 2941

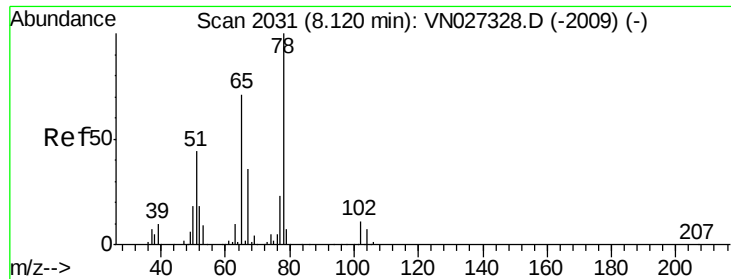
Ion Ratio Lower Upper

97 100

99 0.0 50.1 75.1#

61 36.8 44.0 66.0#





#34

1,2-Dichloroethane-d4

Concen: 49.13 ug/l

RT: 8.12 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 65 Resp: 495448

Ion Ratio Lower Upper

65 100

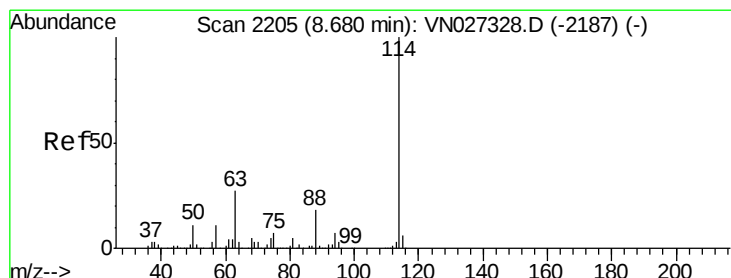
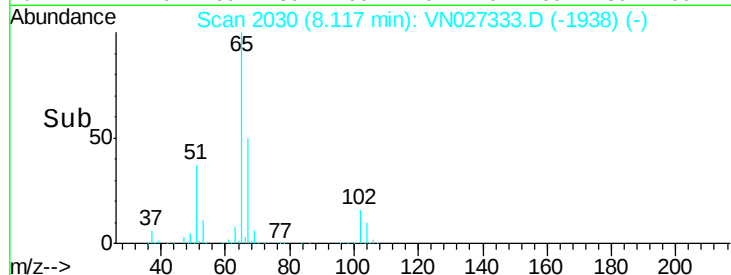
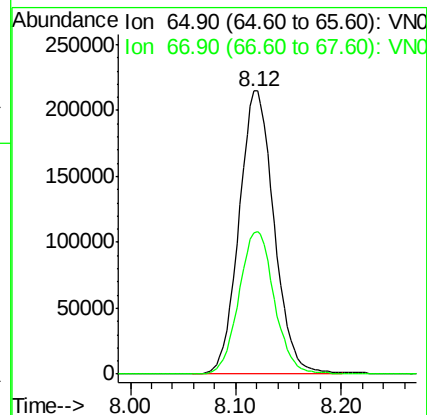
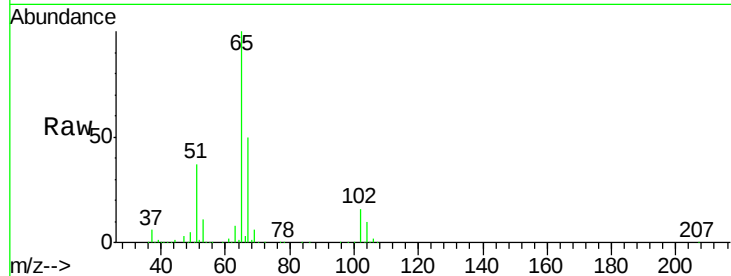
67 51.0 0.0 110.6

Manual Integrations

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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: VN027333.D

Acq: 21 Sep 2015 15:41

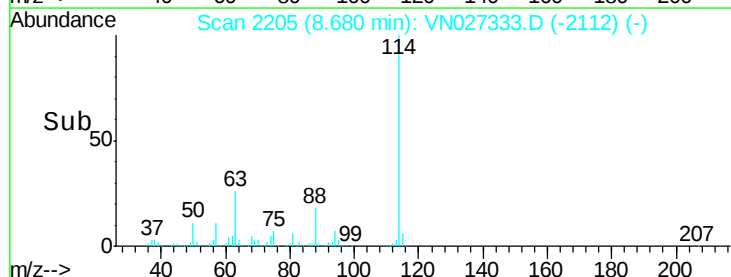
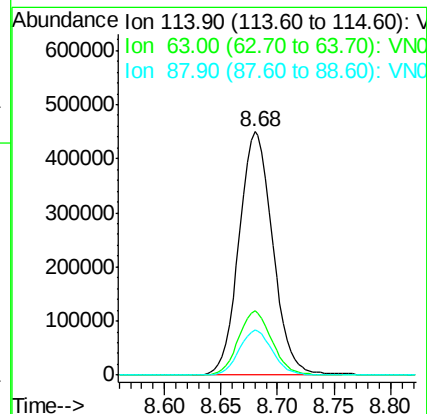
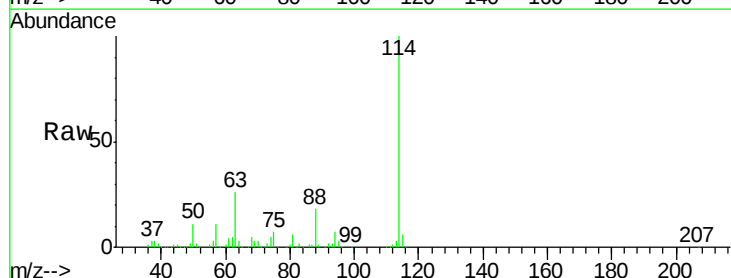
Tgt Ion: 114 Resp: 933361

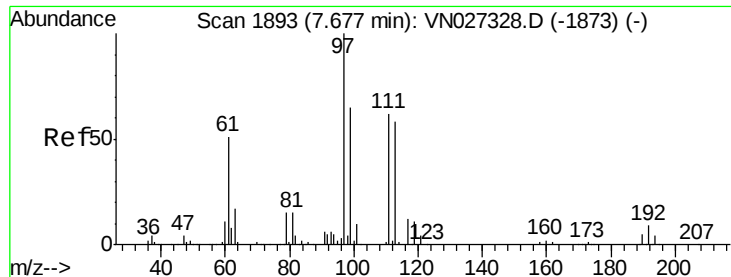
Ion Ratio Lower Upper

114 100

63 26.5 0.0 48.8

88 18.3 0.0 32.2





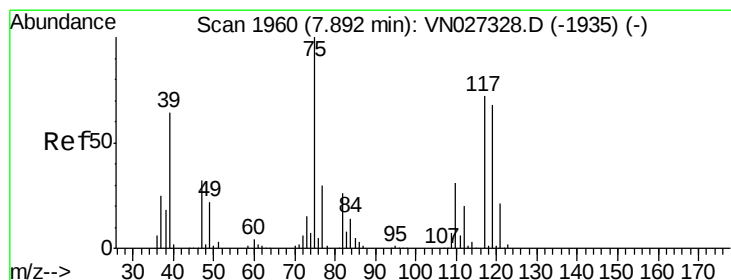
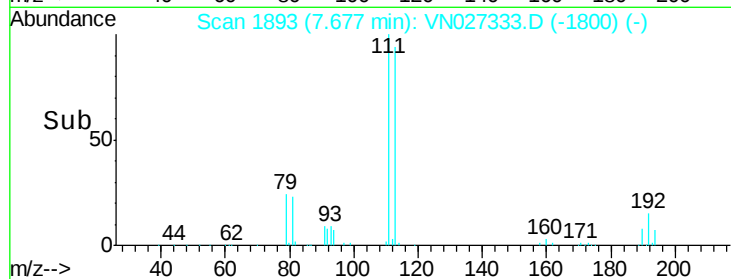
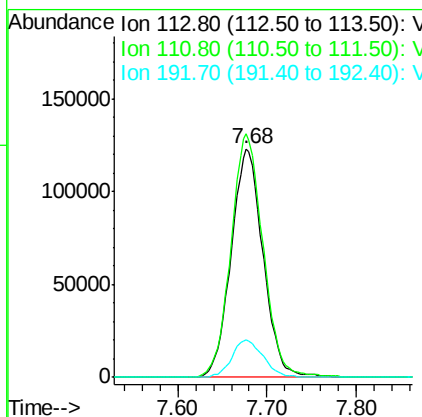
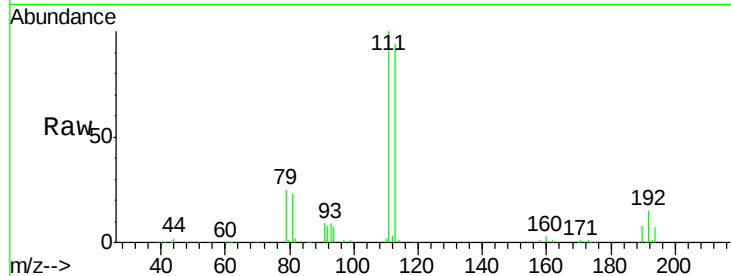
#36
 Dibromofluoromethane
 Concen: 50.12 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027333.D
 Acq: 21 Sep 2015 15:41

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	305200		
111	107.2	83.0	124.4	
192	16.1	14.1	21.1	

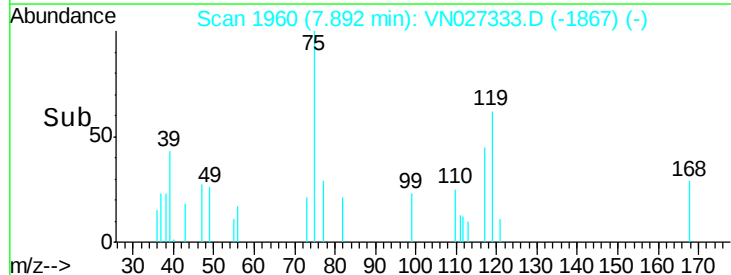
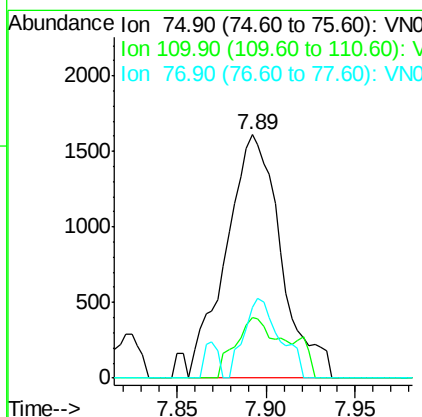
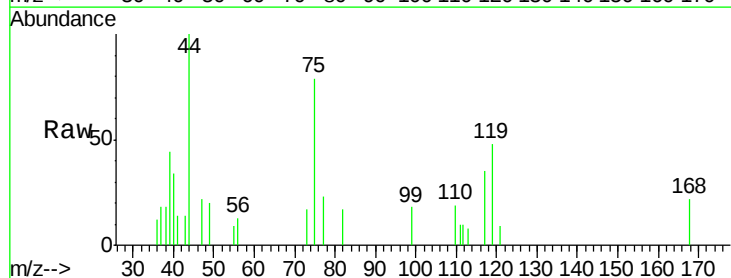
Manual Integrations
 APPROVED

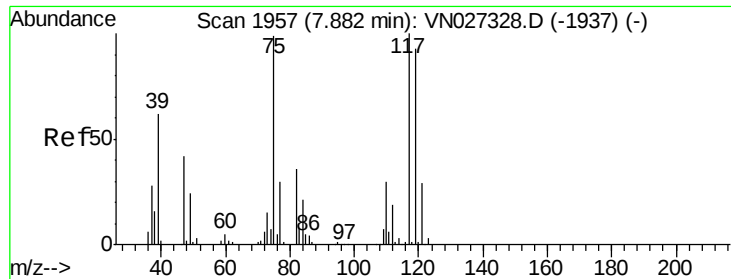
MMDadoda
 9/22/2015 7:25:52 PM



#37
 1,1-Dichloropropene
 Concen: 0.34 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027333.D
 Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	3451		
110	19.9	15.9	47.7	
77	21.2	24.9	37.3	





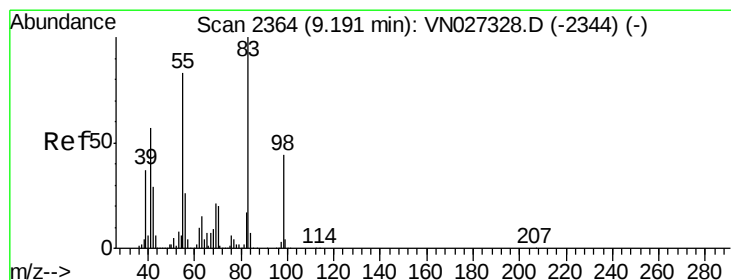
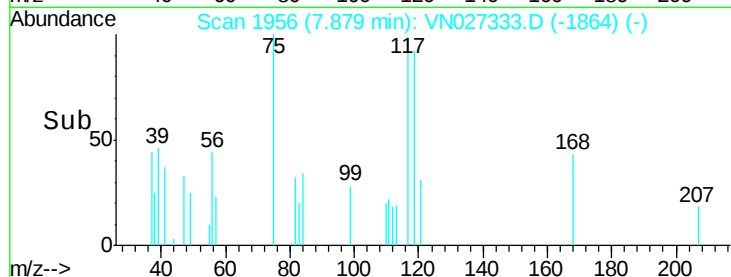
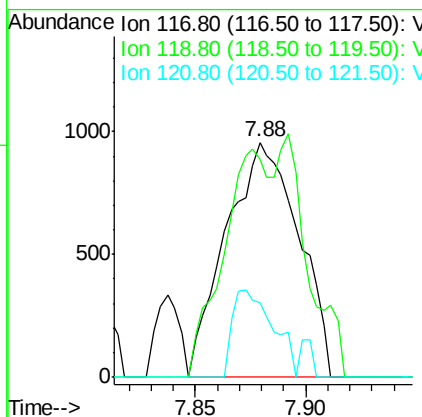
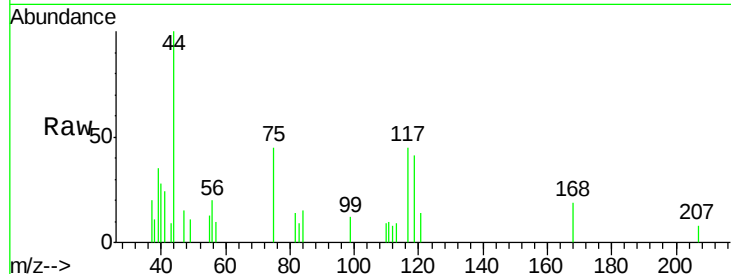
#39
Carbon Tetrachloride
Concen: 0.23 ug/l
RT: 7.88 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.3	112.9
121	31.7	23.8	35.8

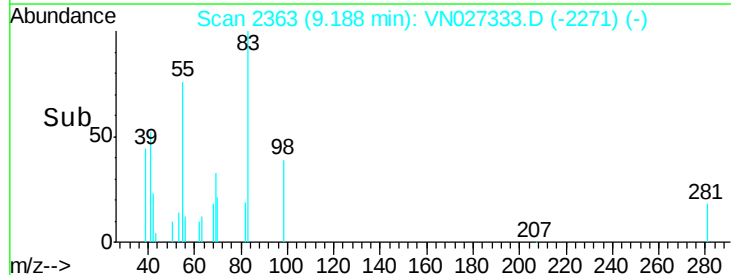
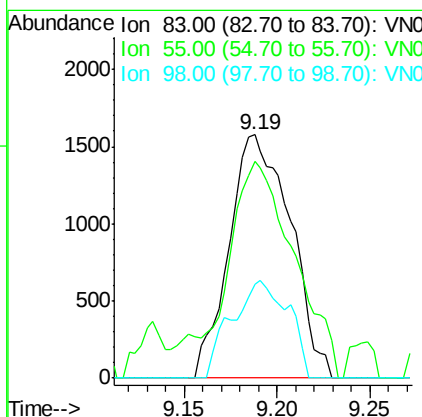
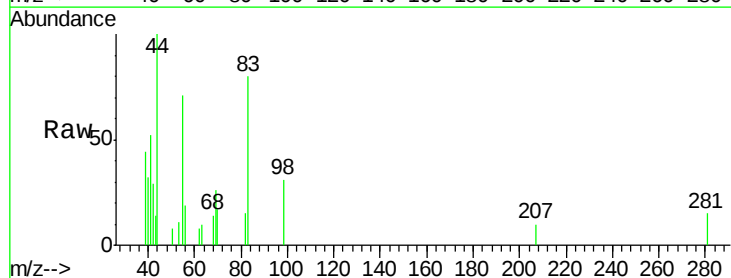
Manual Integrations
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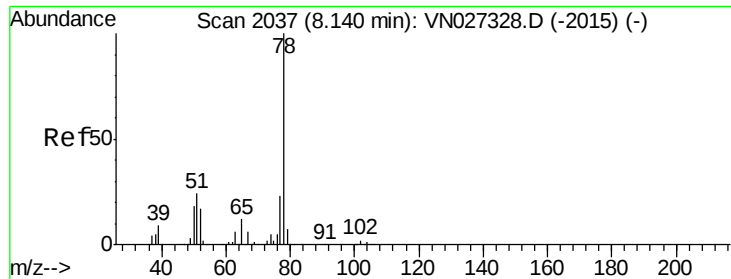
MMDadoda
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#40
Methylcyclohexane
Concen: 0.30 ug/l
RT: 9.19 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	88.9	69.8	104.8
98	38.5	34.3	51.5





#41

Benzene

Concen: 0.27 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 78 Resp: 7804

Ion Ratio Lower Upper

78 100

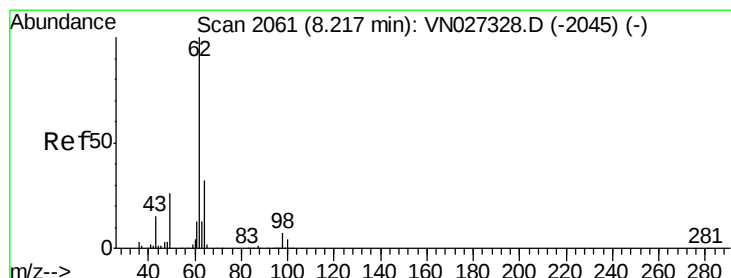
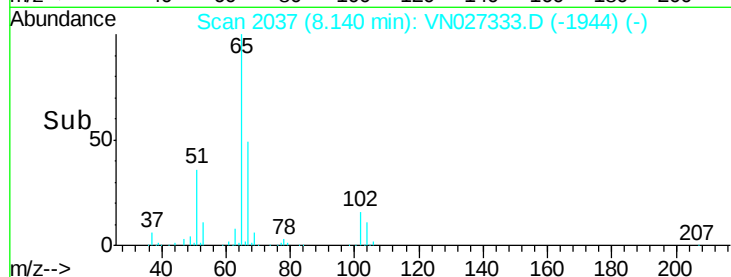
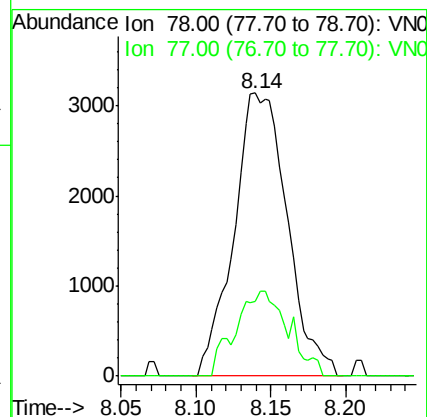
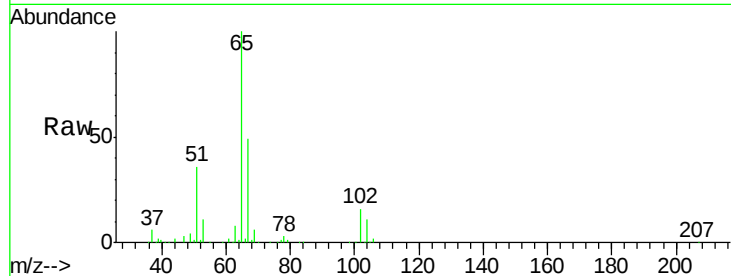
77 26.5 19.0 28.4

Manual Integrations

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#43

1,2-Dichloroethane

Concen: 0.26 ug/l

RT: 8.22 min Scan# 2062

Delta R.T. 0.00 min

Lab File: VN027333.D

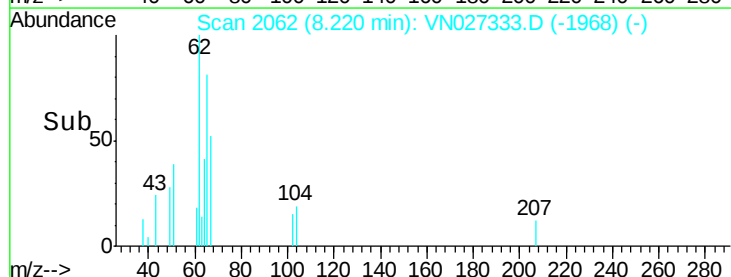
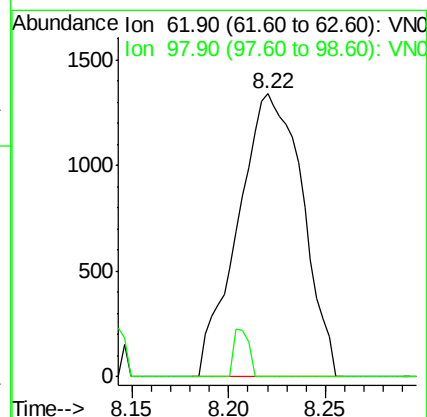
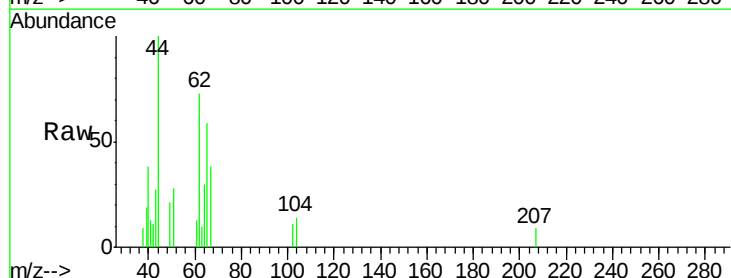
Acq: 21 Sep 2015 15:41

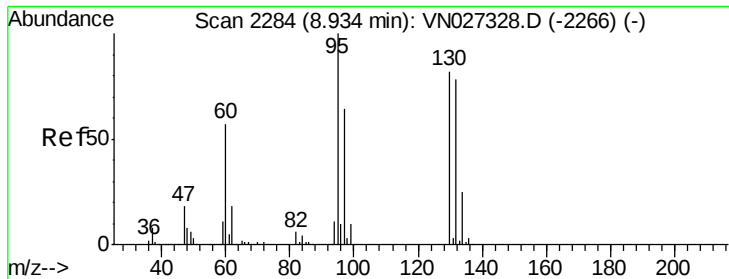
Tgt Ion: 62 Resp: 3110

Ion Ratio Lower Upper

62 100

98 3.8 0.0 18.0





#45

Trichloroethene

Concen: 0.26 ug/l

RT: 8.94 min Scan# 2286

Delta R.T. 0.01 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion:130 Resp: 1497

Ion Ratio Lower Upper

130 100

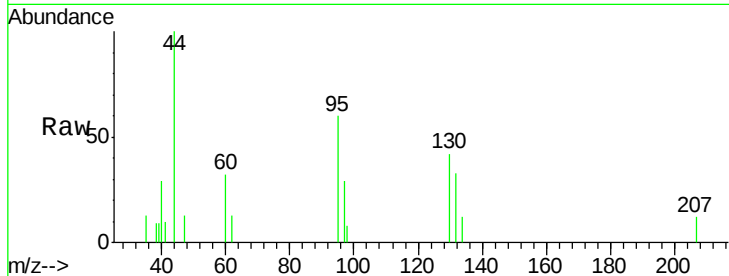
95 143.8 0.0 222.2

Manual Integrations

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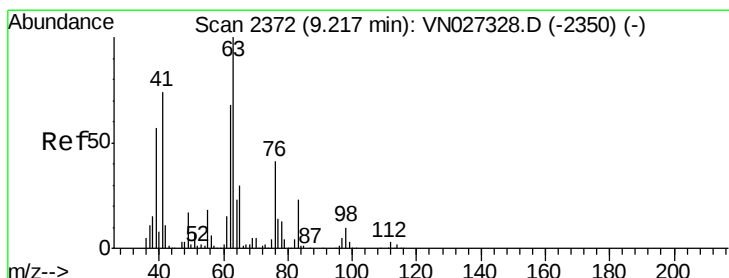
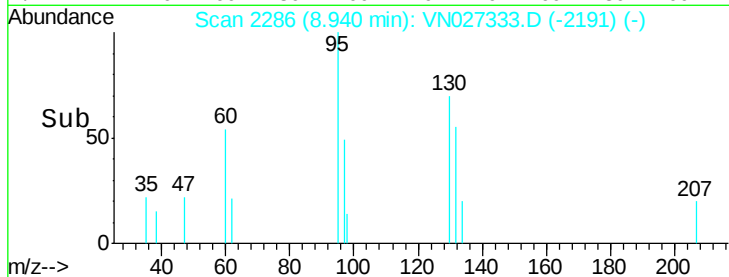
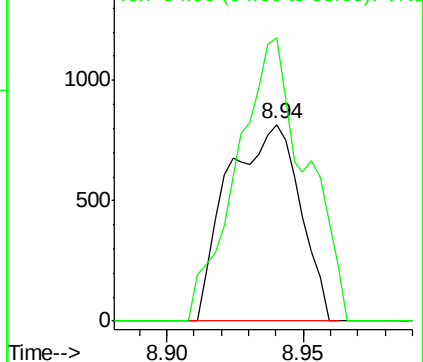
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#46

1,2-Dichloropropane

Concen: 0.29 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027333.D

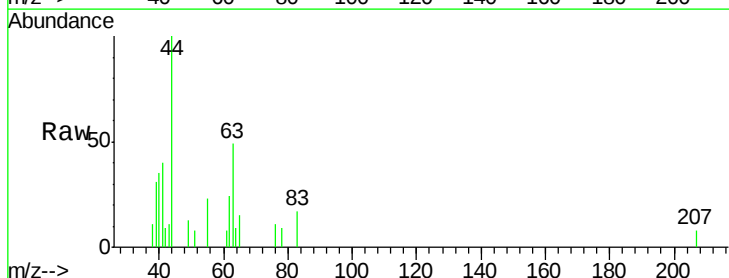
Acq: 21 Sep 2015 15:41

Tgt Ion: 63 Resp: 2398

Ion Ratio Lower Upper

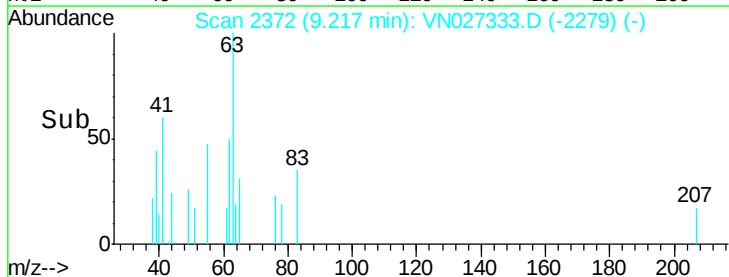
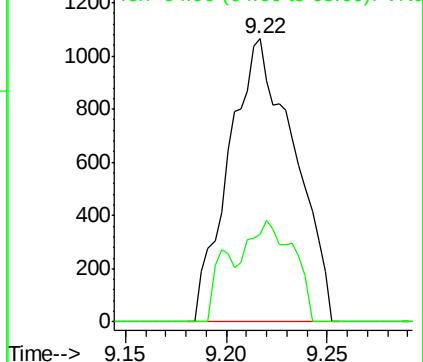
63 100

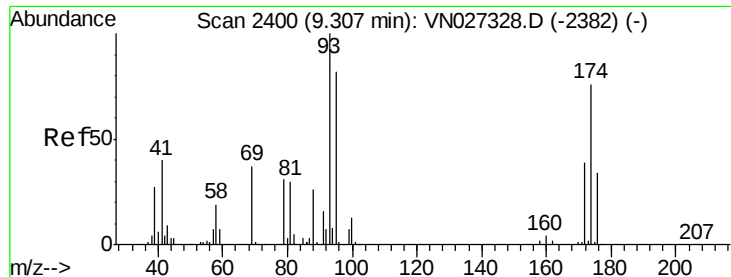
65 31.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





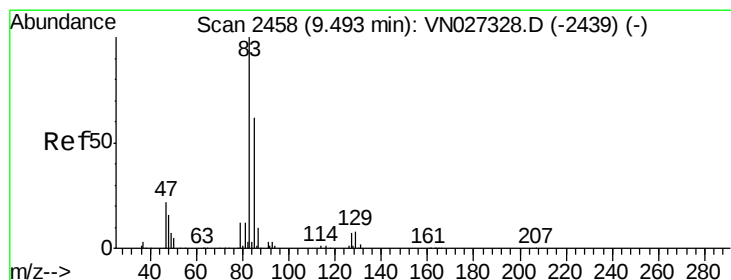
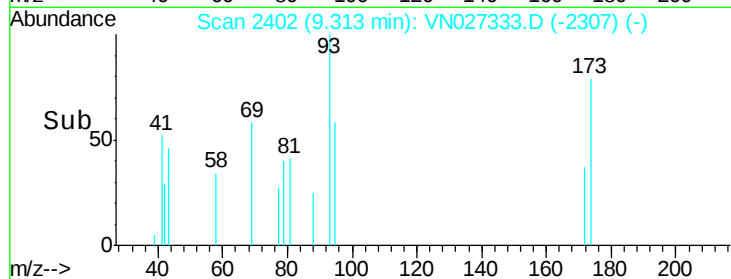
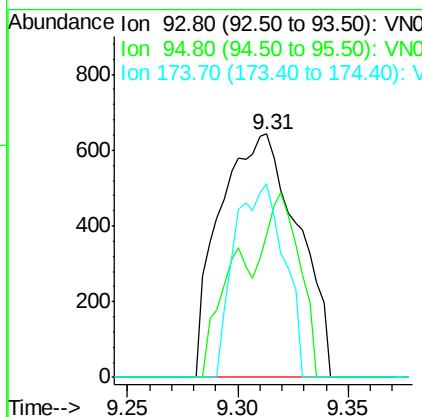
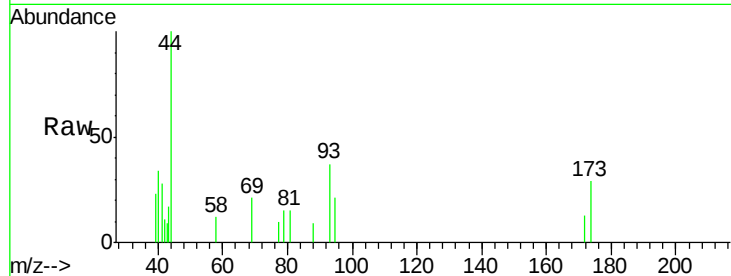
#47
Dibromomethane
Concen: 0.32 ug/l
RT: 9.31 min Scan# 2402
Delta R.T. 0.01 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
93	100		
95	35.2	66.3	99.5#
174	50.5	67.8	101.6#

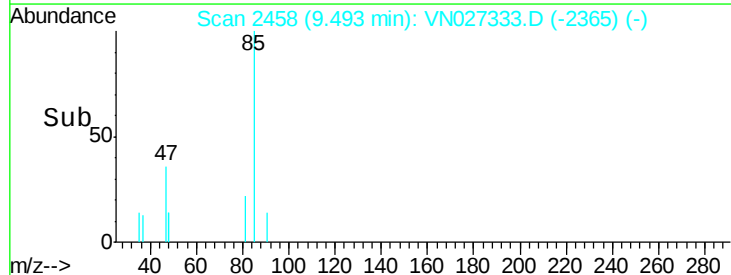
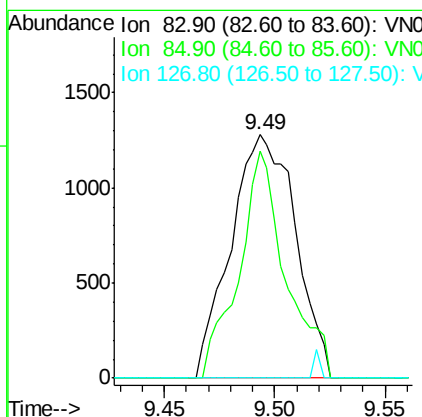
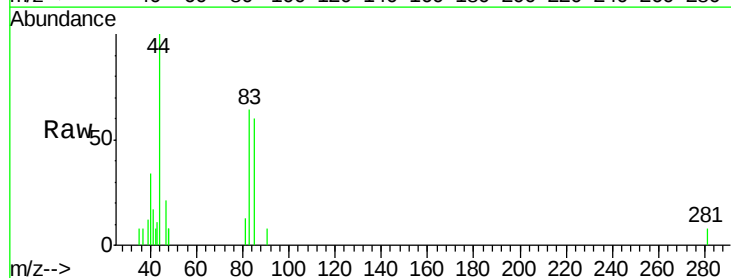
Manual Integrations
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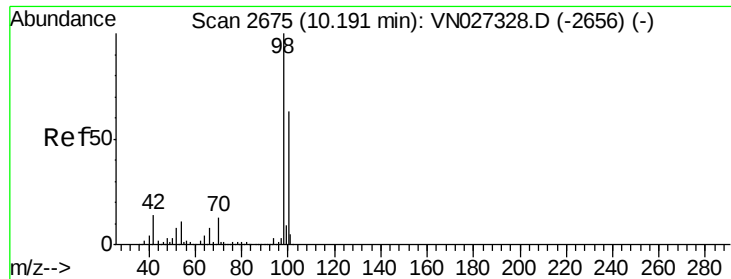
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#48
Bromodichloromethane
Concen: 0.25 ug/l
RT: 9.49 min Scan# 2458
Delta R.T. 0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	93.4	50.7	76.1#
127	0.0	5.5	8.3#





#51

Toluene-d8

Concen: 50.96 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 98 Resp: 1199821

Ion Ratio Lower Upper

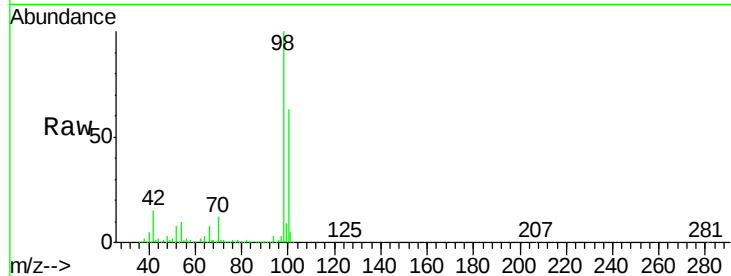
98 100

100 62.6 50.5 75.7

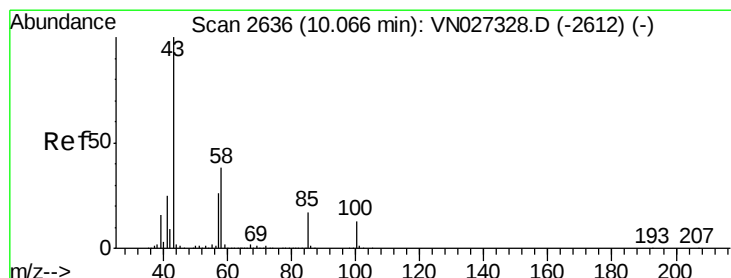
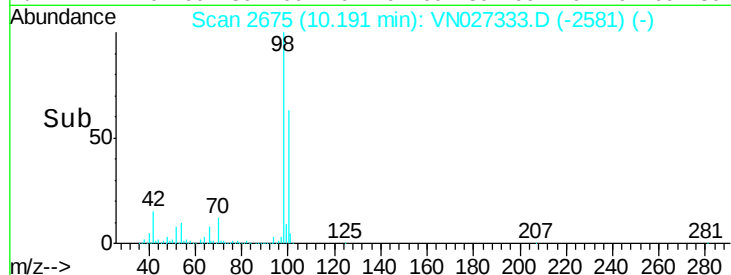
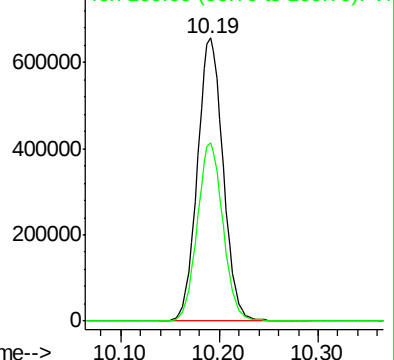
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Abundance Ion 98.00 (97.70 to 98.70): VN027328.D (-2656) (-)



#52

4-Methyl-2-Pentanone

Concen: 1.27 ug/l

RT: 10.07 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VN027333.D

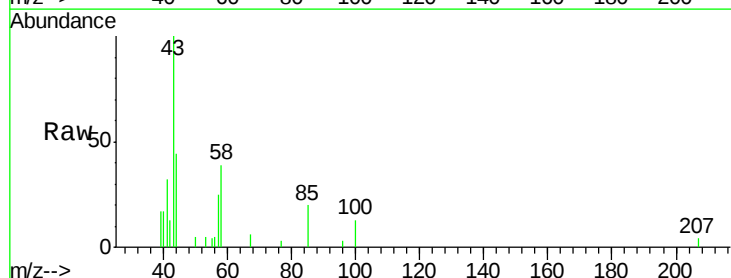
Acq: 21 Sep 2015 15:41

Tgt Ion: 43 Resp: 9702

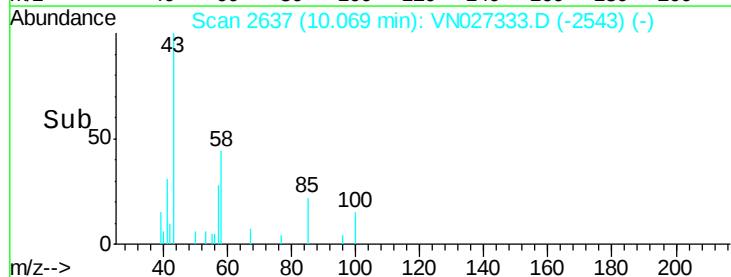
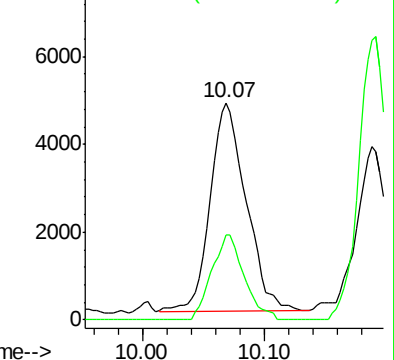
Ion Ratio Lower Upper

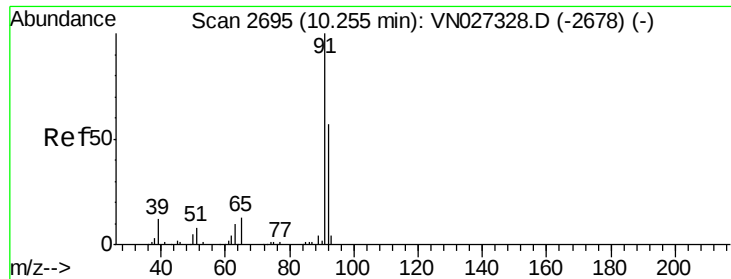
43 100

58 36.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN027328.D (-2612) (-)





#53

Toluene

Concen: 0.28 ug/l

RT: 10.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 92 Resp: 4764

Ion Ratio Lower Upper

92 100

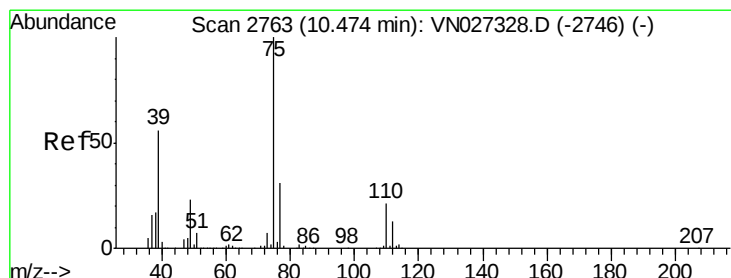
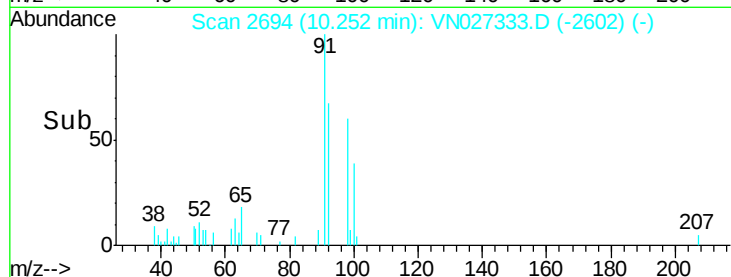
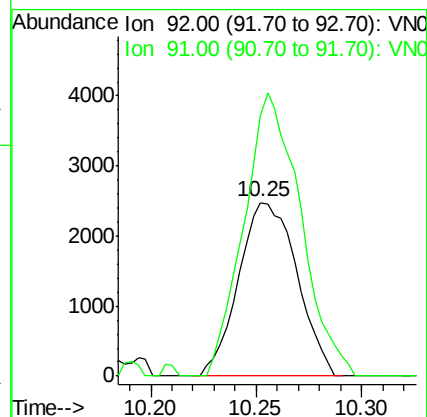
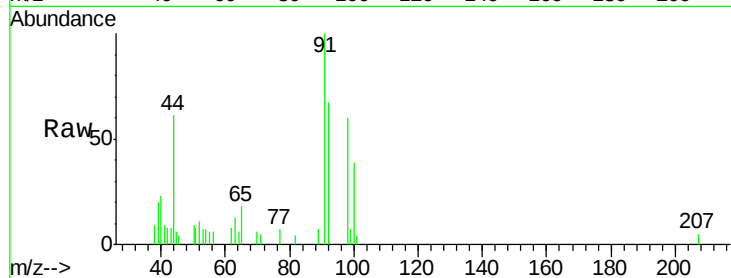
91 158.6 141.4 212.2

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#54

t-1,3-Dichloropropene

Concen: 0.24 ug/l

RT: 10.48 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VN027333.D

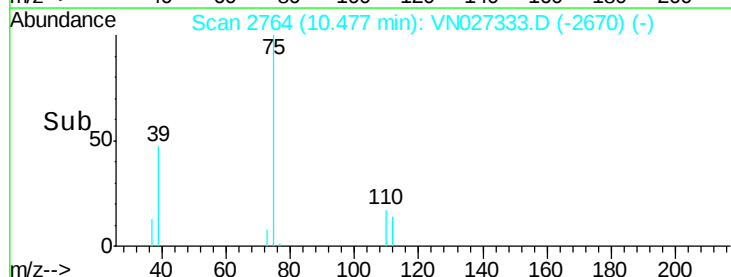
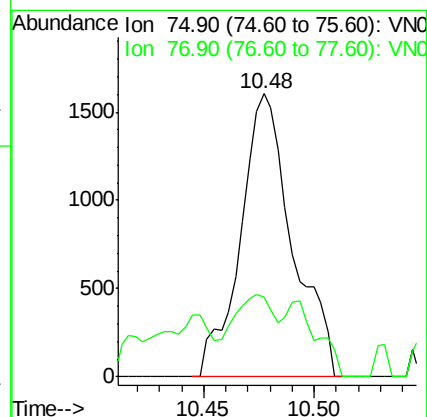
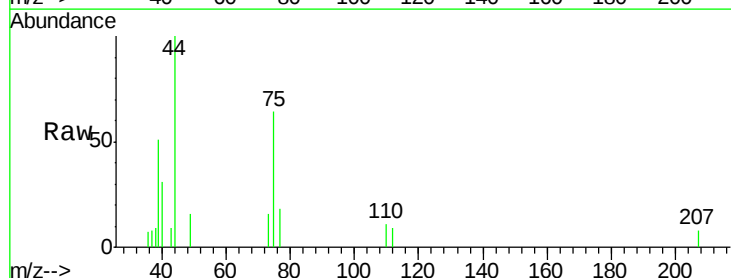
Acq: 21 Sep 2015 15:41

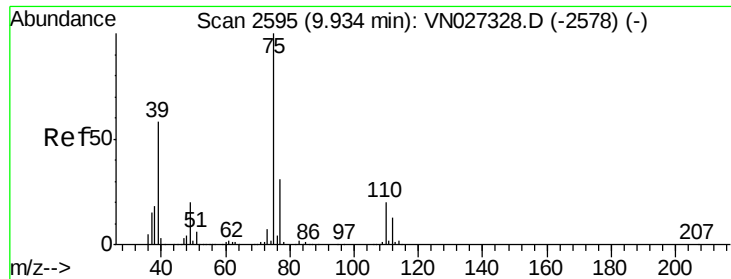
Tgt Ion: 75 Resp: 2624

Ion Ratio Lower Upper

75 100

77 28.3 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 0.27 ug/l

RT: 9.93 min Scan# 2594

Delta R.T. -0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

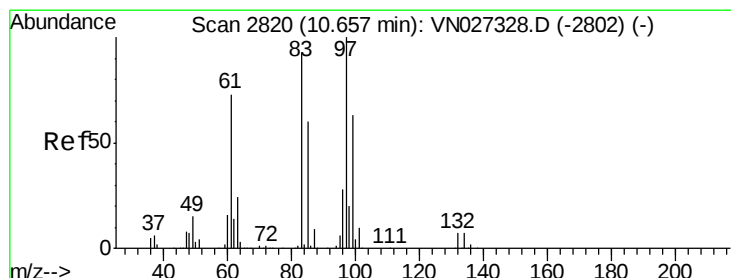
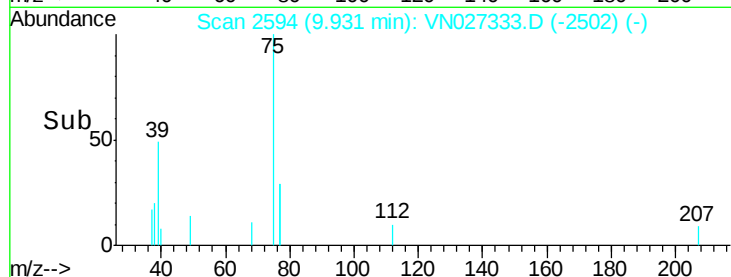
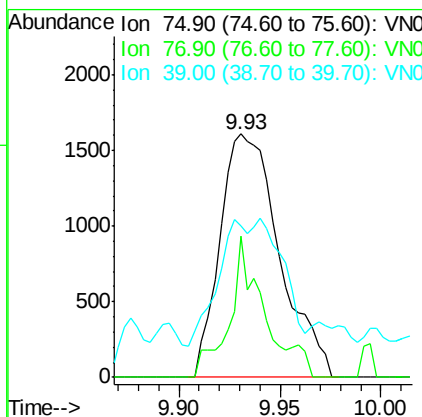
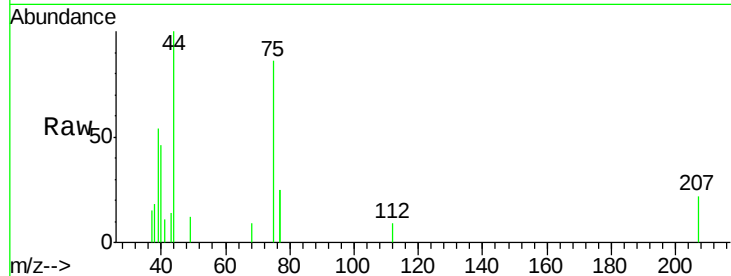
ClientSampleId :

LOD-WATER2015-01

Tot Ion:	75	Resp:	3306
Ion	Ratio	Lower	Upper
75	100		
77	58.0	25.6	38.4#
39	49.3	41.6	62.4

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#56

1,1,2-Trichloroethane

Concen: 0.21 ug/l

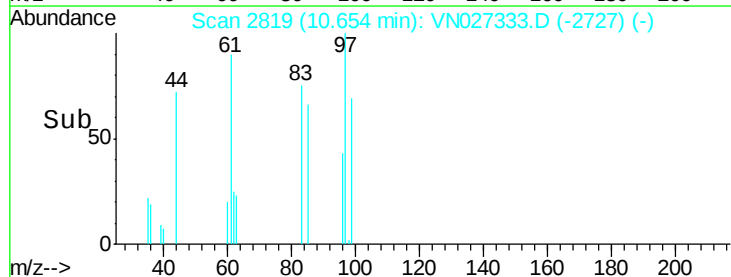
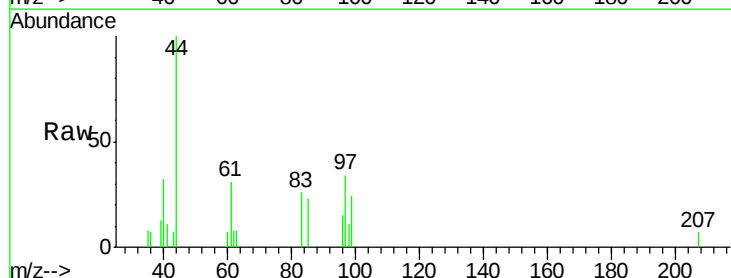
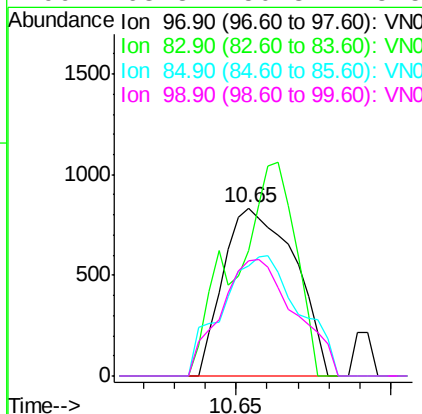
RT: 10.65 min Scan# 2819

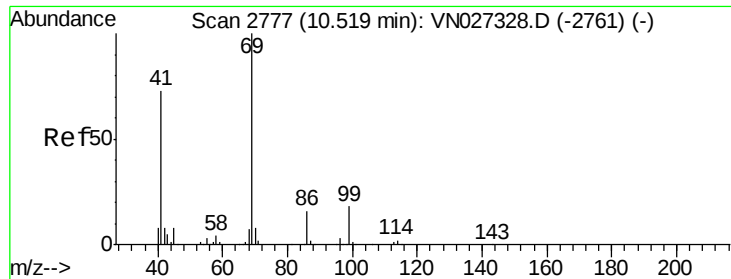
Delta R.T. -0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Tgt Ion:	97	Resp:	1335
Ion	Ratio	Lower	Upper
97	100		
83	74.9	75.0	112.4#
85	65.9	48.0	72.0
99	68.8	50.3	75.5





#57

Ethyl methacrylate

Concen: 0.20 ug/l

RT: 10.53 min Scan# 2779

Delta R.T. 0.01 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

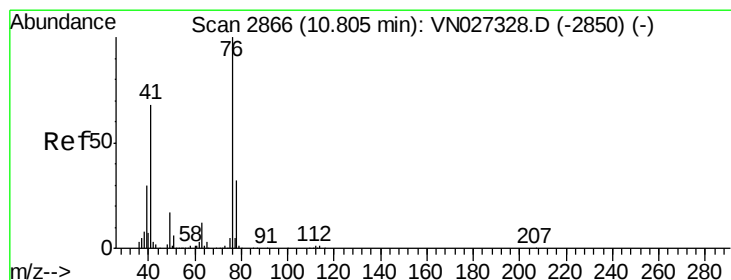
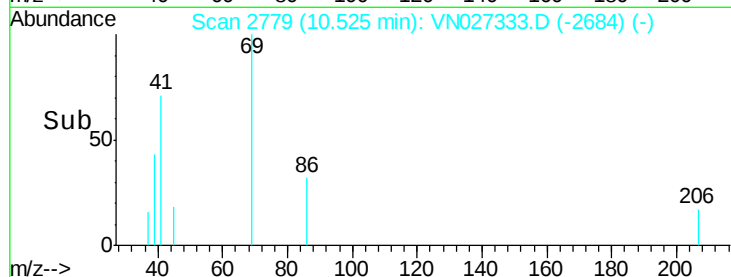
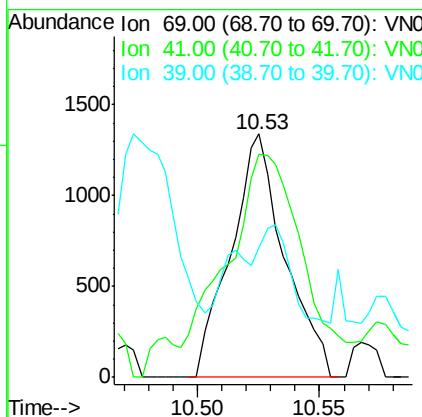
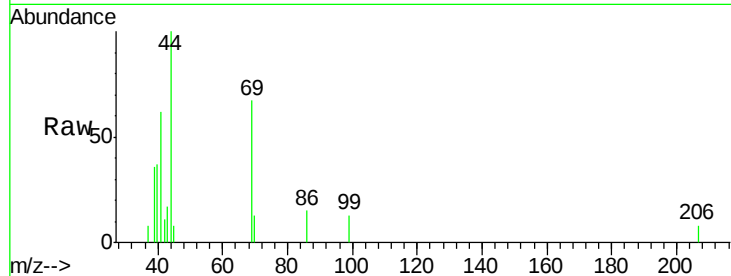
ClientSampleId :

LOD-WATER2015-01

Tot Ion:	69	Resp:	2045
Ion	Ratio	Lower	Upper
69	100		
41	124.9	61.3	91.9#
39	31.5	28.4	42.6

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#58

1,3-Dichloropropane

Concen: 0.24 ug/l

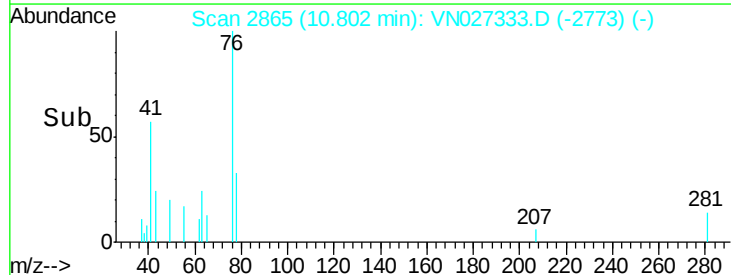
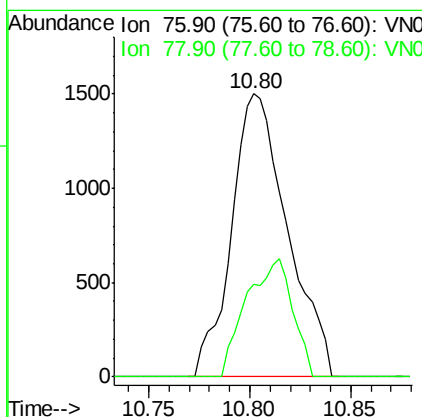
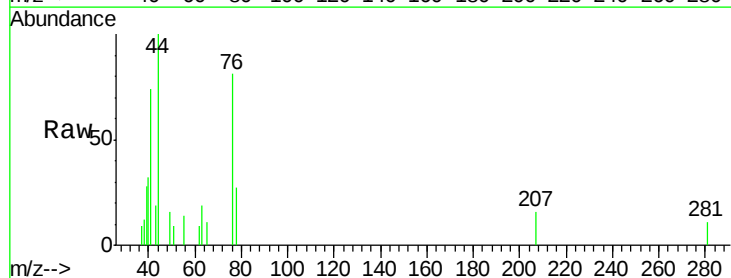
RT: 10.80 min Scan# 2865

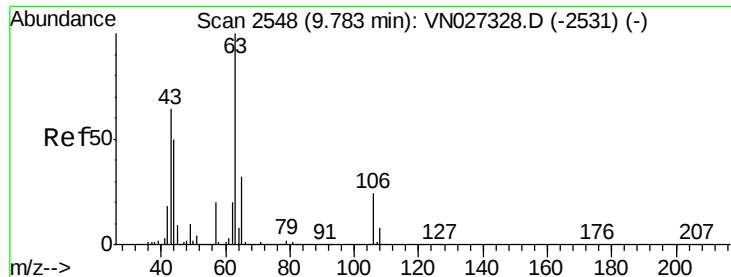
Delta R.T. -0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Tgt Ion:	76	Resp:	2904
Ion	Ratio	Lower	Upper
76	100		
78	34.6	25.0	37.6





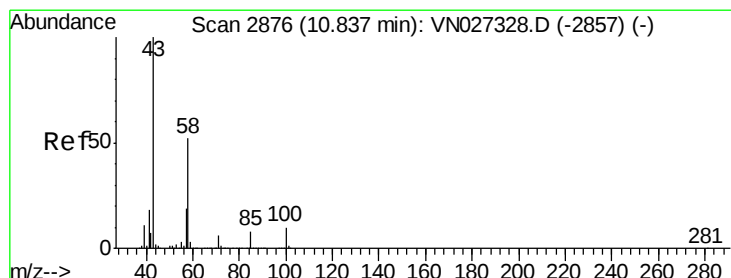
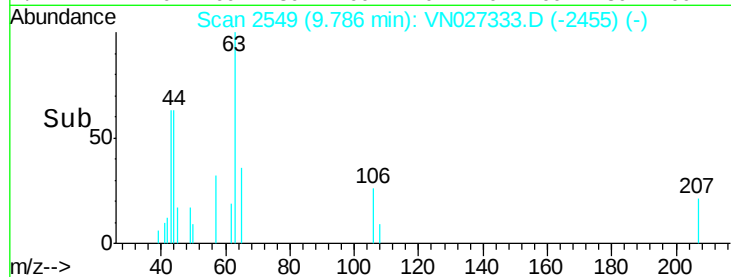
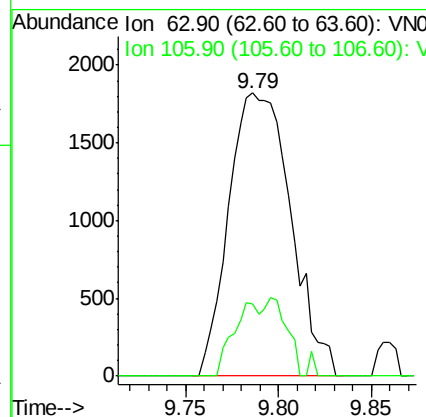
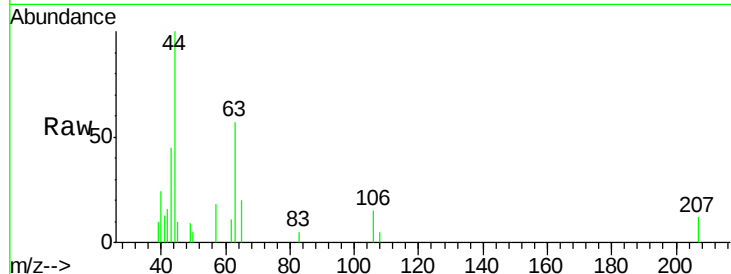
#59
2-Chloroethyl Vinyl ether
Concen: 0.93 ug/l
RT: 9.79 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion: 63 Resp: 4228
Ion Ratio Lower Upper
63 100
106 11.0 17.7 26.5#

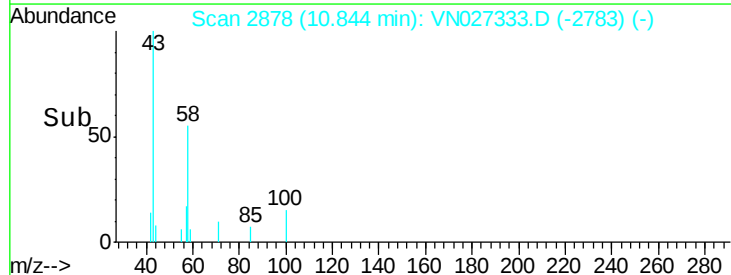
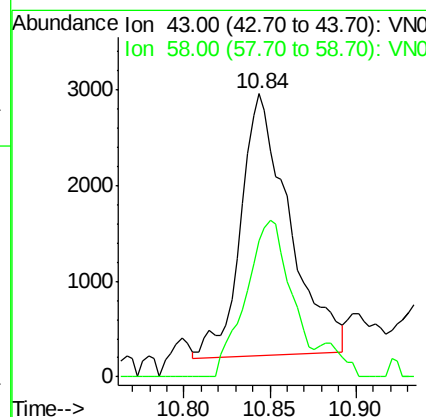
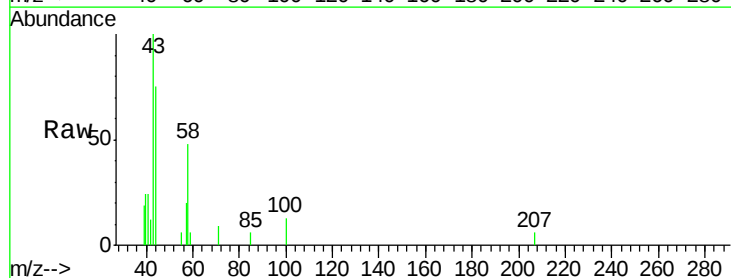
Manual Integrations
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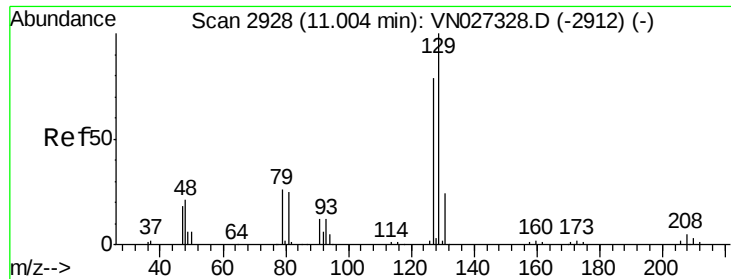
MMDadoda
9/22/2015 7:25:52 PM



#60
2-Hexanone
Concen: 1.05 ug/l
RT: 10.84 min Scan# 2878
Delta R.T. 0.01 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion: 43 Resp: 5429
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5





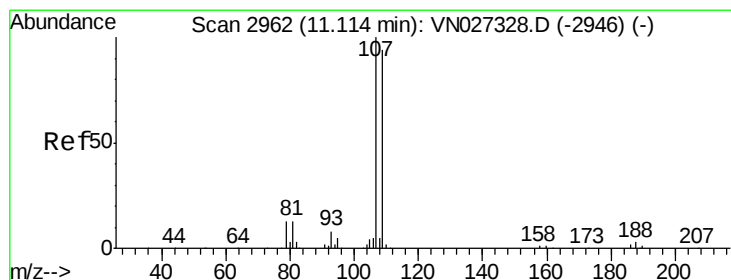
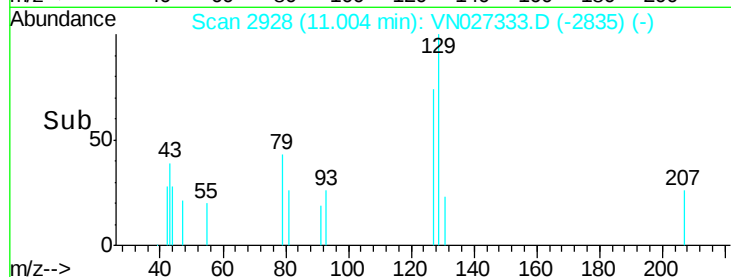
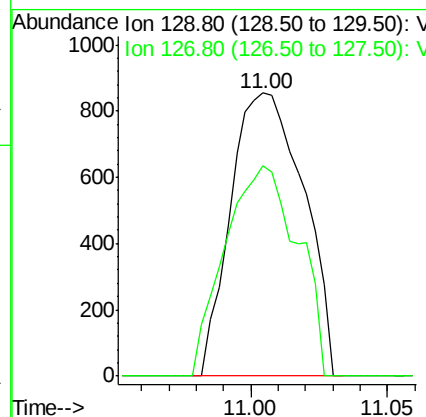
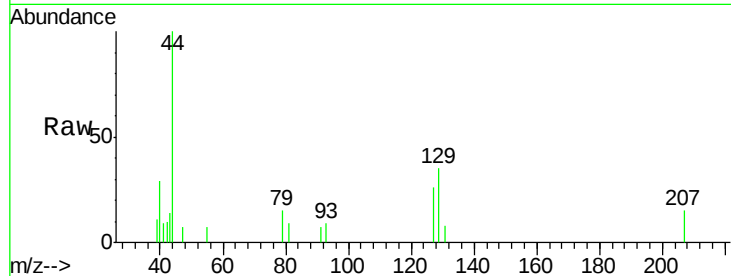
#61
 Dibromochloromethane
 Concen: 0.25 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027333.D
 Acq: 21 Sep 2015 15:41

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:129 Resp: 1585
 Ion Ratio Lower Upper
 129 100
 127 74.1 39.1 117.2

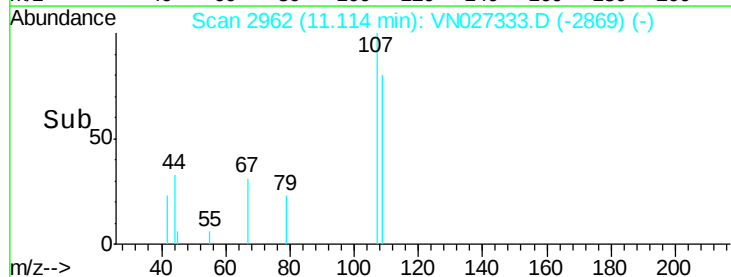
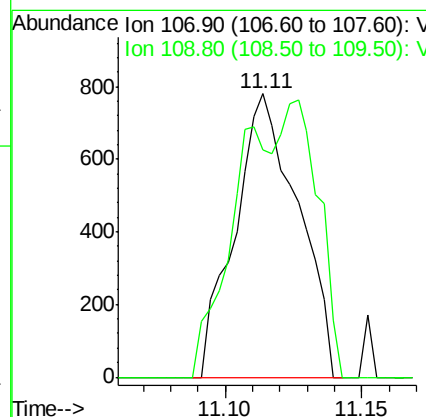
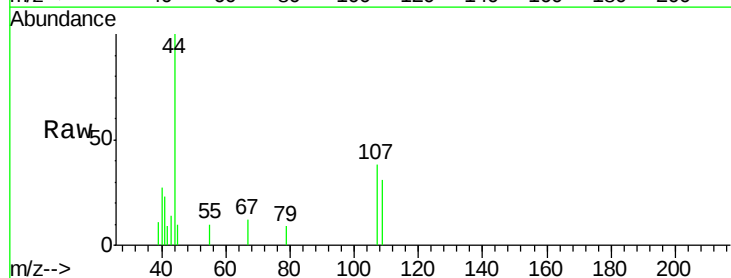
Manual Integrations
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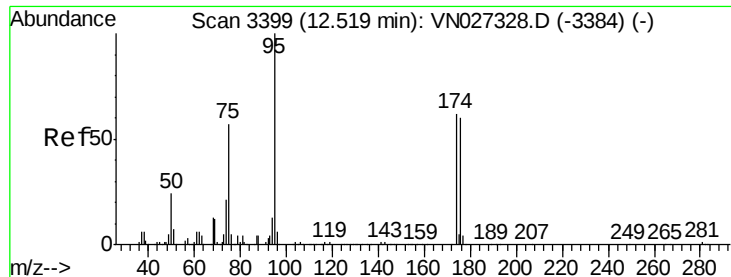
MMDadoda
 9/22/2015 7:25:52 PM



#62
 1,2-Dibromoethane
 Concen: 0.20 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027333.D
 Acq: 21 Sep 2015 15:41

Tgt Ion:107 Resp: 1253
 Ion Ratio Lower Upper
 107 100
 109 61.9 75.6 113.4#





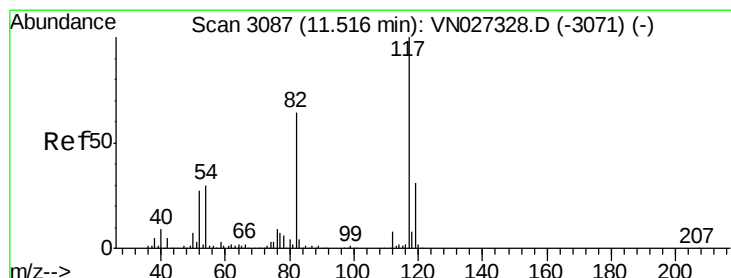
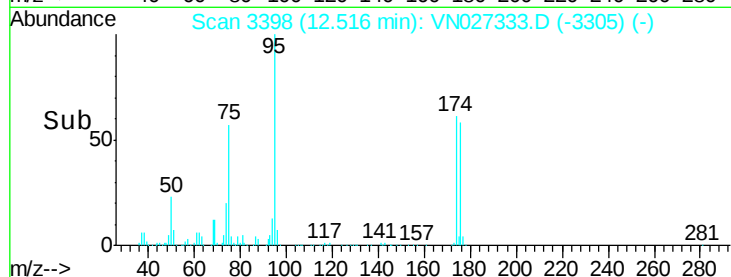
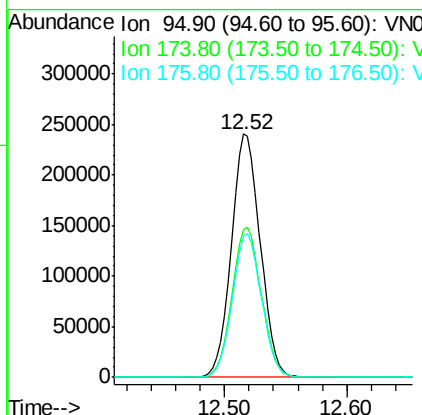
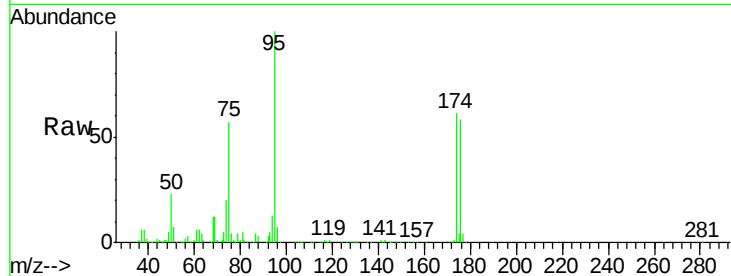
#63
4-Bromofluorobenzene
Concen: 46.33 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	396285		
174	62.6	0.0	137.0	
176	59.2	0.0	130.8	

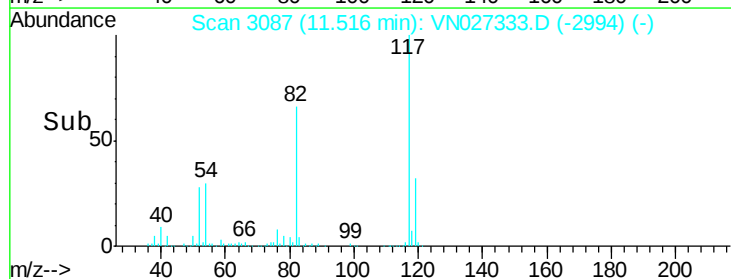
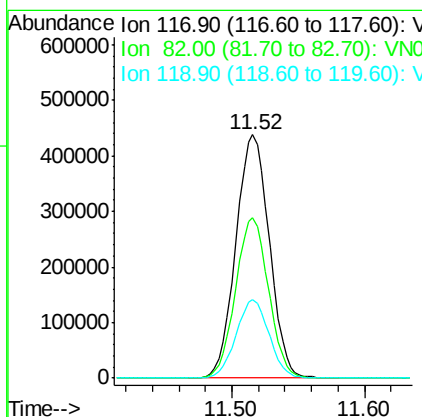
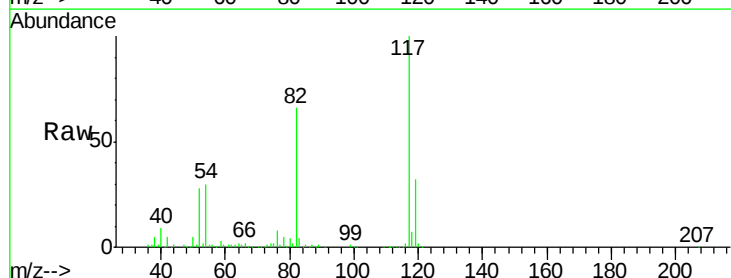
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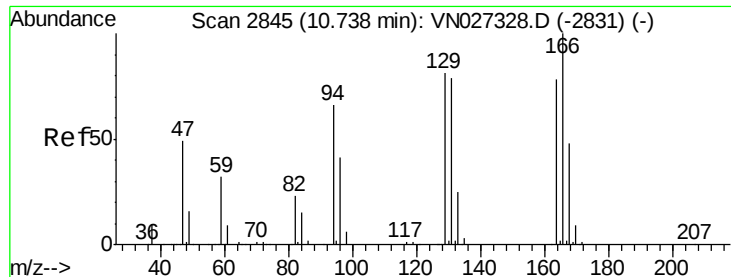
MMDadoda
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#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	769212		
82	65.8	49.6	74.4	
119	32.0	24.6	36.8	





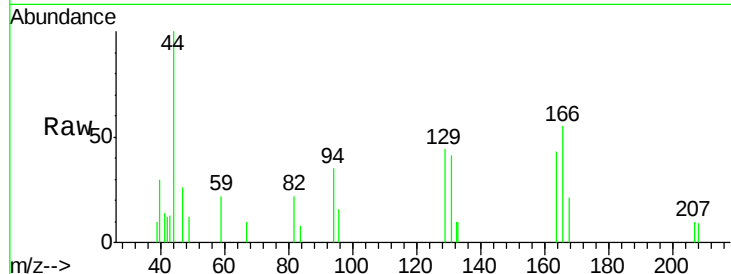
#65
Tetrachloroethene
Concen: 0.32 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.4	103.4	155.0
129	101.9	77.5	116.3
131	95.0	74.2	111.4

Manual Integrations
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Abundance

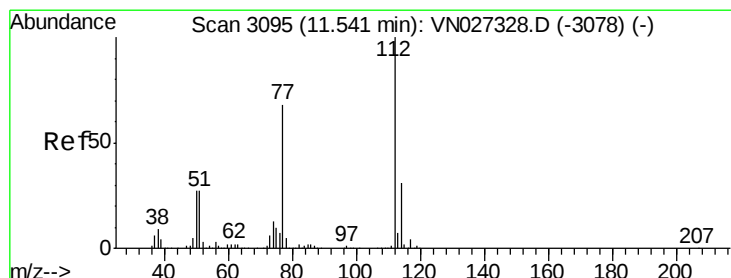
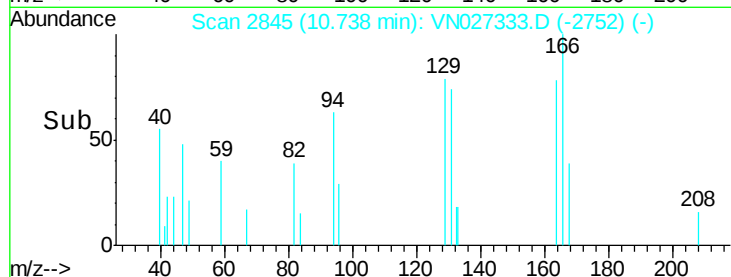
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

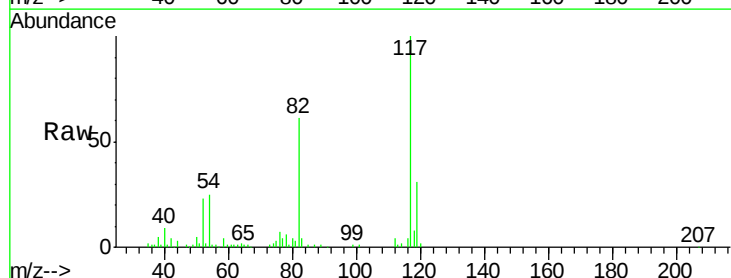
Ion 130.80 (130.50 to 131.50): V

Time-->



#66
Chlorobenzene
Concen: 0.30 ug/l
RT: 11.54 min Scan# 3094
Delta R.T. -0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
114	41.9	24.9	37.3#

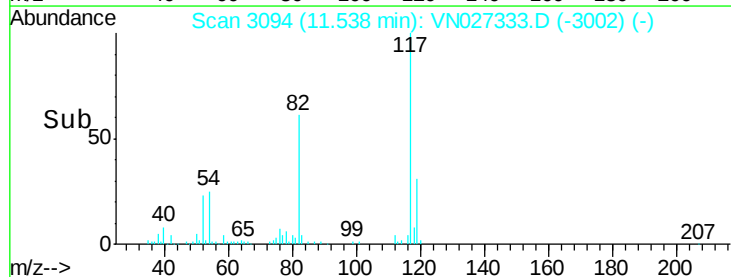


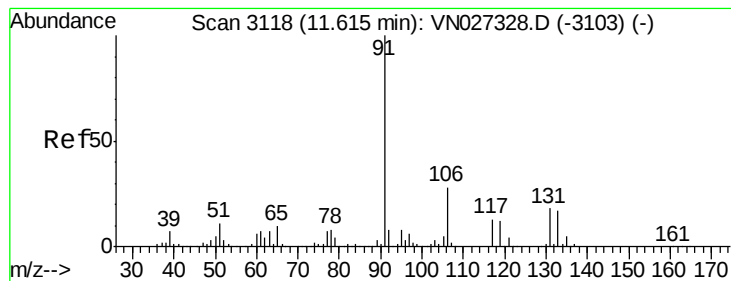
Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time-->





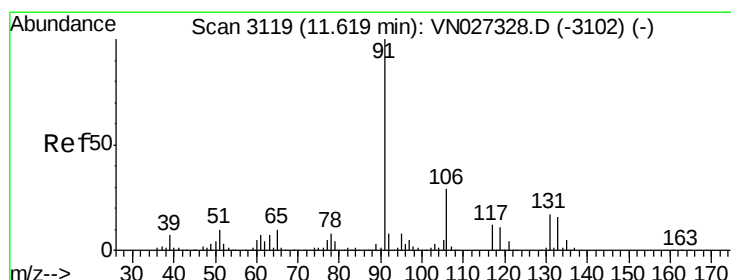
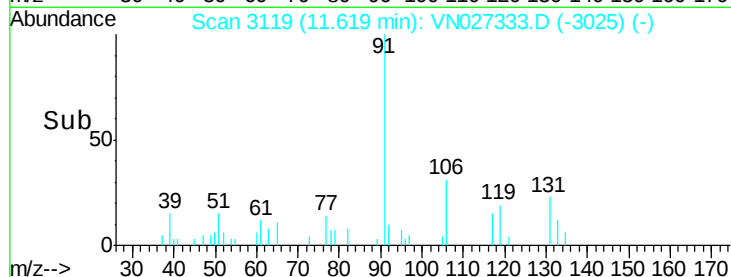
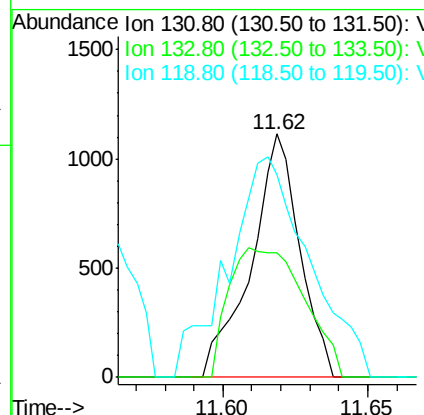
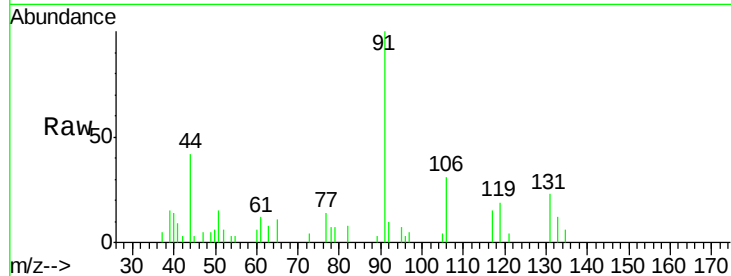
#67
 1,1,1,2-Tetrachloroethane
 Concen: 0.23 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027333.D
 Acq: 21 Sep 2015 15:41

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
131	100		
133	82.0	47.0	141.2
119	0.0	35.1	105.5#

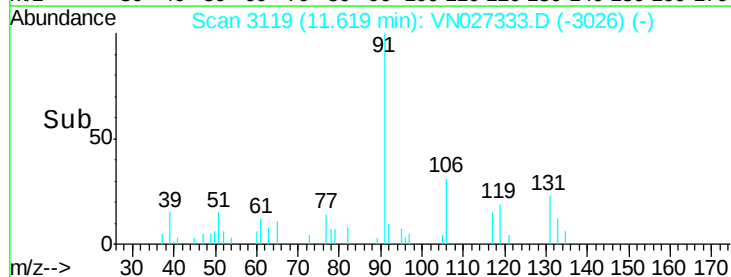
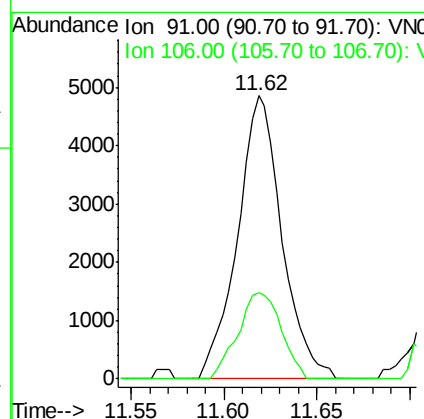
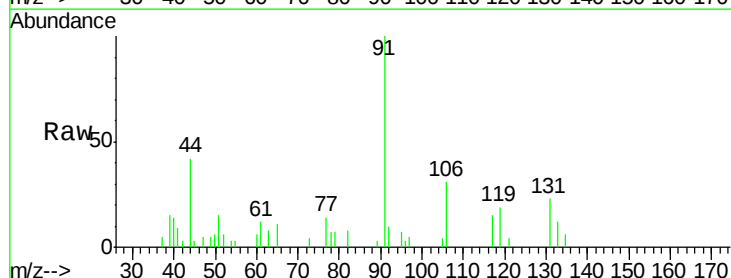
Manual Integrations
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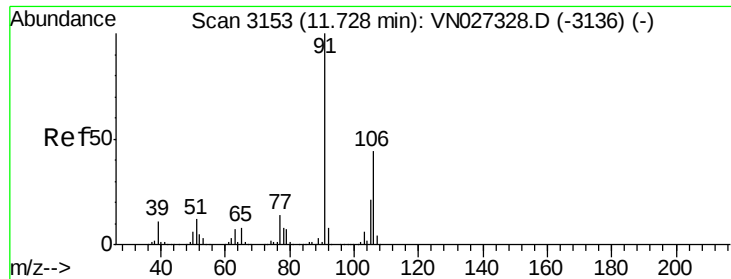
MMDadoda
 9/22/2015 7:25:52 PM



#68
 Ethyl Benzene
 Concen: 0.26 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027333.D
 Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.1	34.7





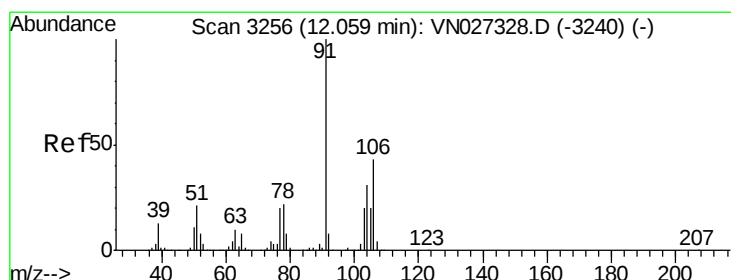
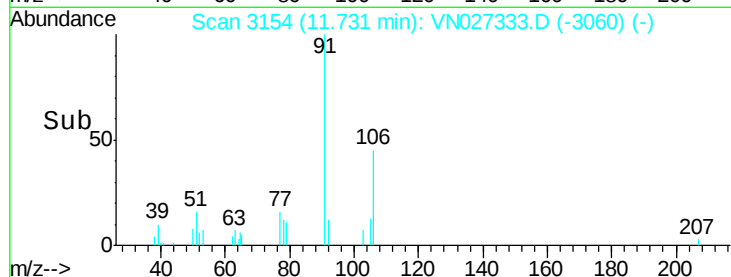
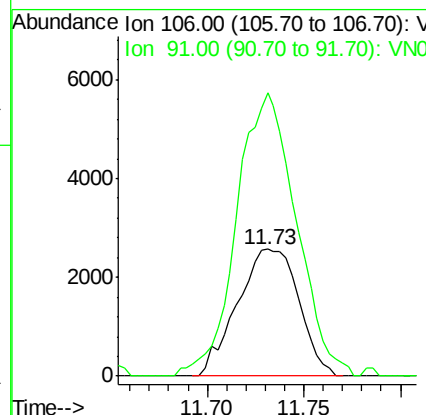
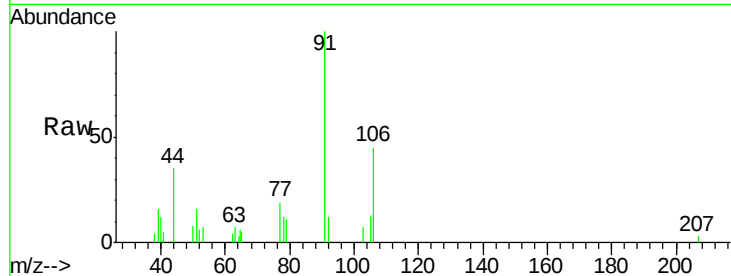
#69
m/p-Xylenes
Concen: 0.53 ug/l
RT: 11.73 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion:106 Resp: 5671
Ion Ratio Lower Upper
106 100
91 216.4 167.1 250.7

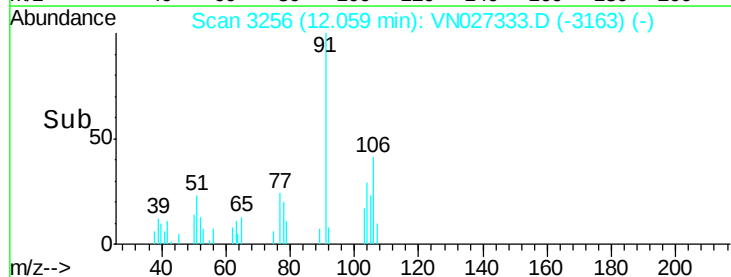
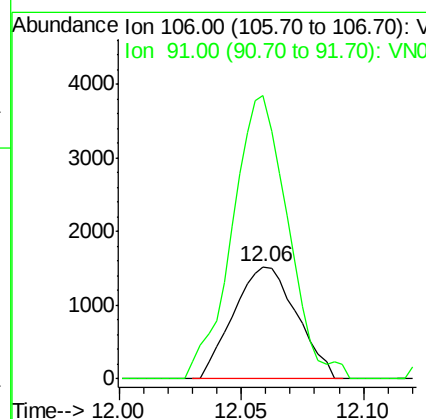
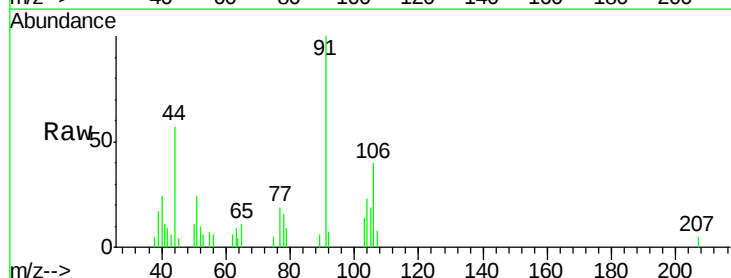
Manual Integrations
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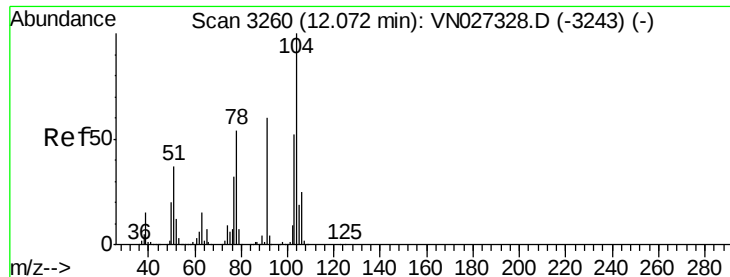
MMDadoda
9/22/2015 7:25:52 PM



#70
o-Xylene
Concen: 0.25 ug/l
RT: 12.06 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion:106 Resp: 2726
Ion Ratio Lower Upper
106 100
91 223.3 110.7 331.9





#71

Stvrene

Concen: 0.24 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

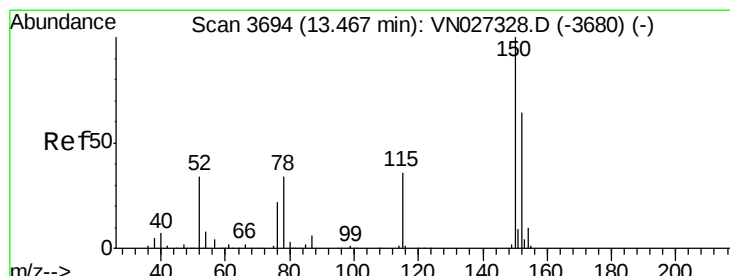
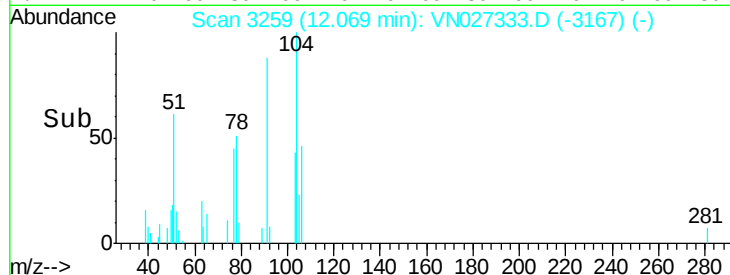
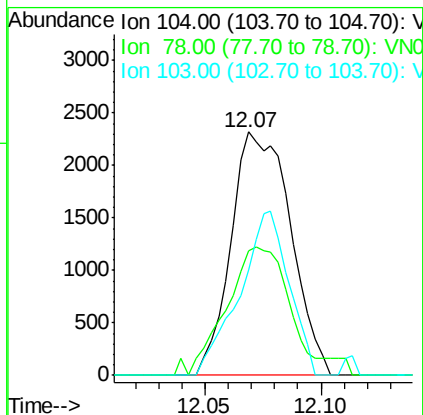
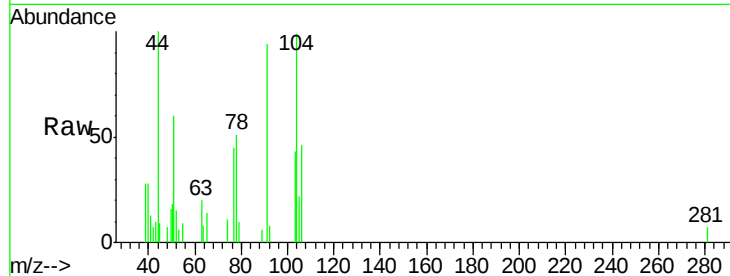
ClientSampleId :

LOD-WATER2015-01

Tot Ion:	104	Resp:	4128
Ion Ratio	Lower	Upper	
104	100		
78	58.3	41.6	62.4
103	56.1	44.2	66.2

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#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

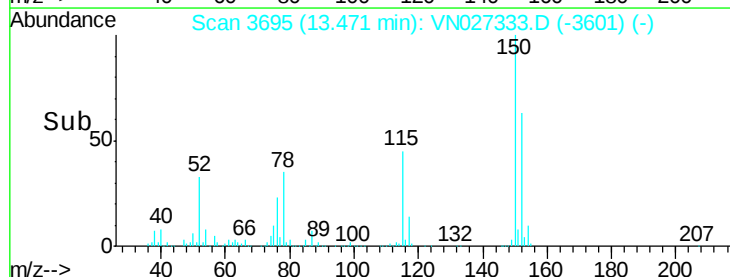
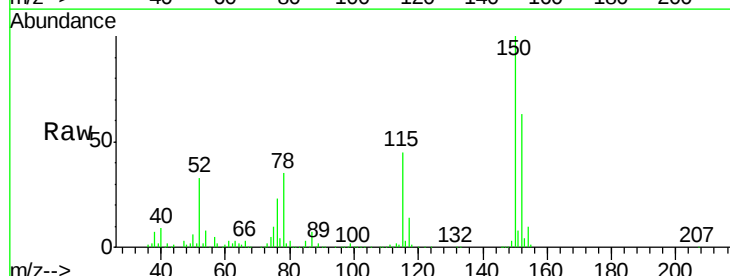
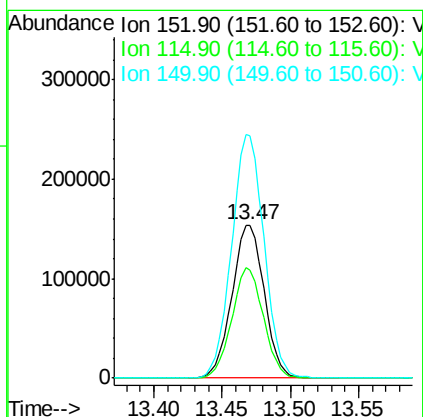
RT: 13.47 min Scan# 3695

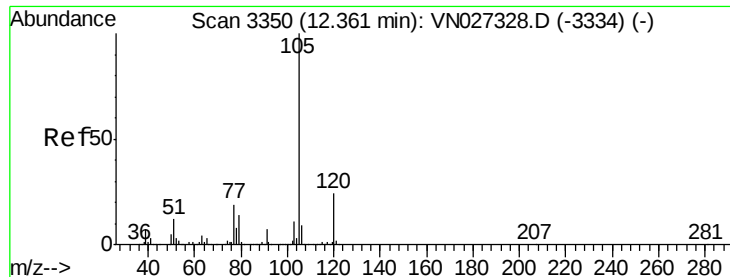
Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Tgt Ion:	152	Resp:	253333
Ion Ratio	Lower	Upper	
152	100		
115	70.4	30.8	92.3
150	159.6	0.0	345.0





#74

Isopropylbenzene

Concen: 0.26 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 105 Resp: 6639

Ion Ratio Lower Upper

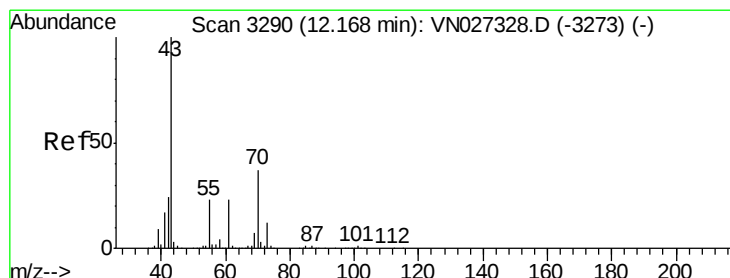
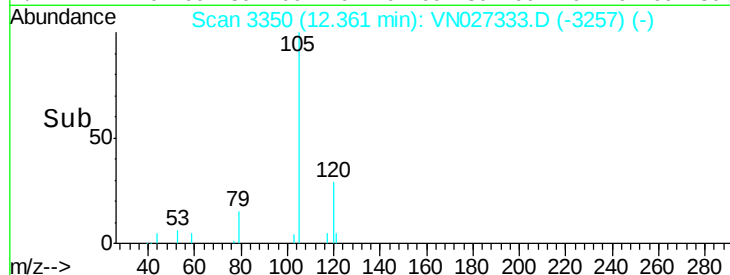
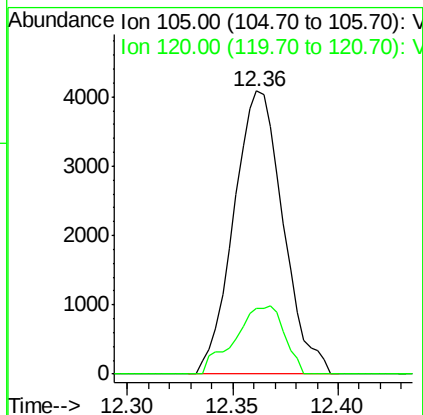
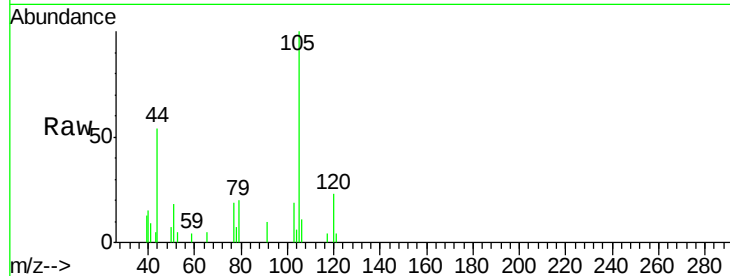
105 100

120 24.3 12.4 37.2

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#75

N-ethyl acetate

Concen: 0.20 ug/l

RT: 12.17 min Scan# 3291

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Tgt Ion: 43 Resp: 2032

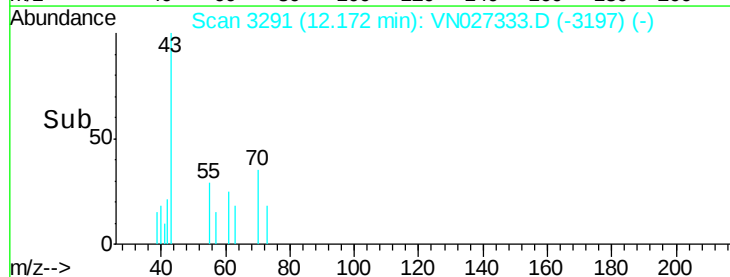
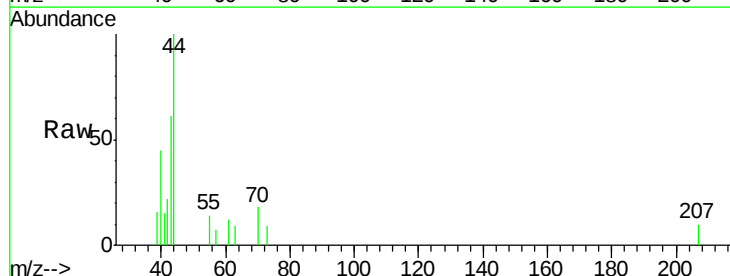
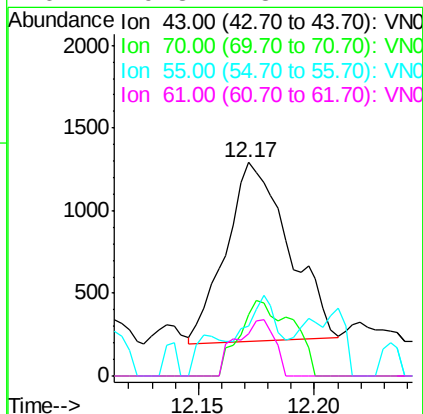
Ion Ratio Lower Upper

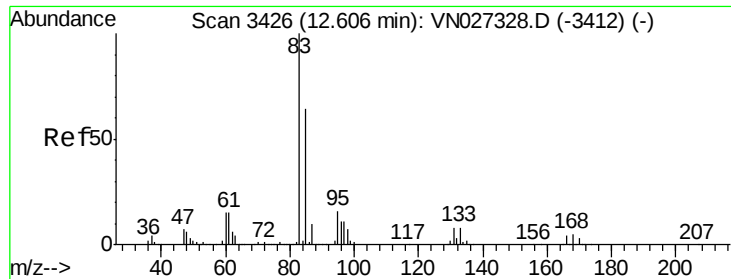
43 100

70 35.1 29.8 44.8

55 8.9 19.4 29.0#

61 19.3 18.2 27.2





#76

1,1,2,2-Tetrachloroethane

Concen: 0.30 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

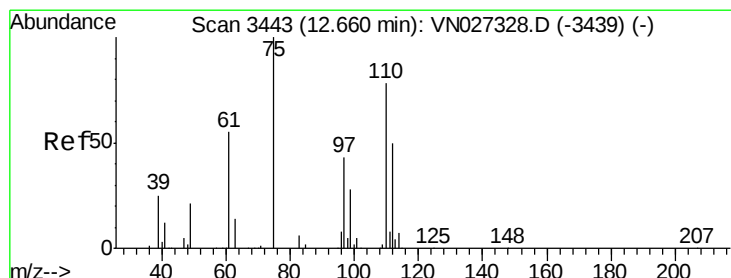
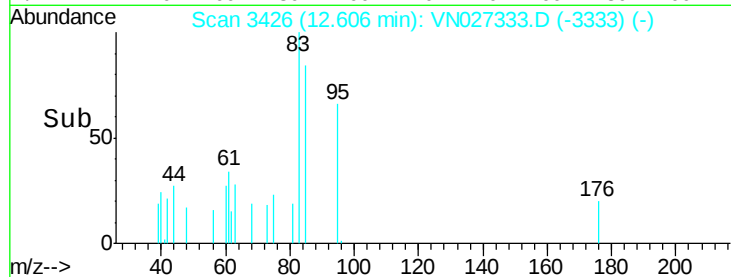
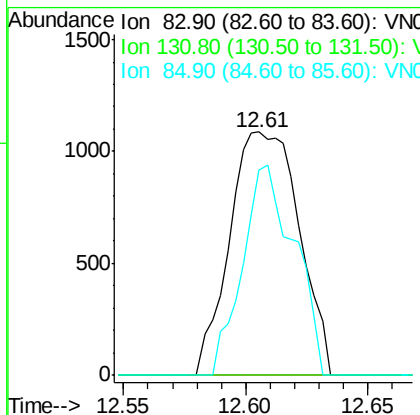
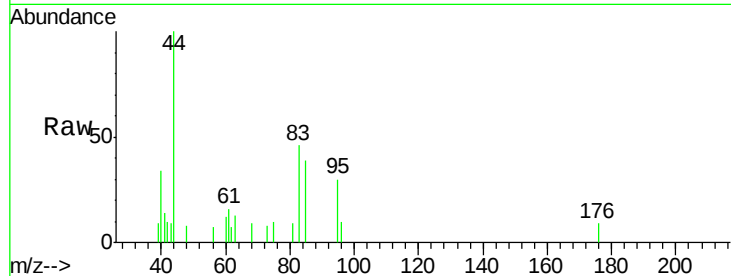
ClientSampleId :

LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.1	12.3#
85	64.3	31.9	95.7

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#77

1,2,3-Trichloropropane

Concen: 0.23 ug/l m

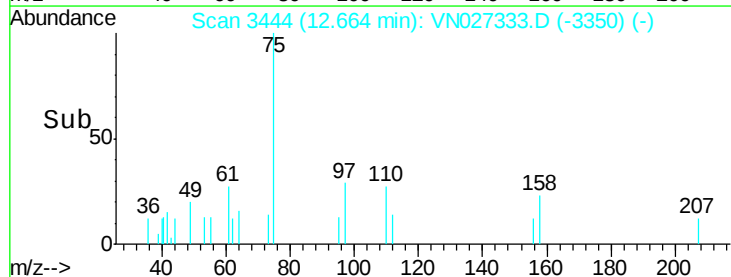
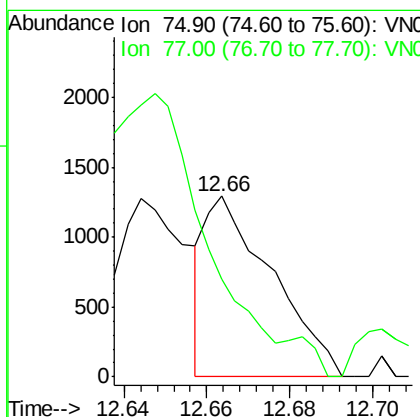
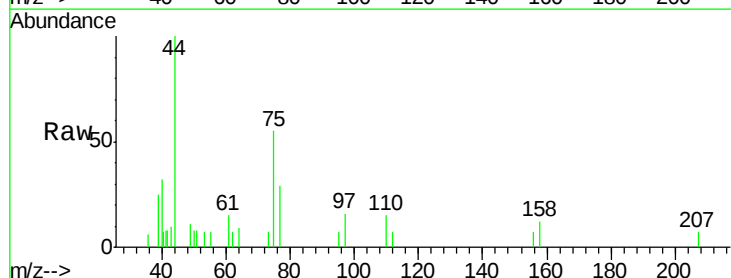
RT: 12.66 min Scan# 3444

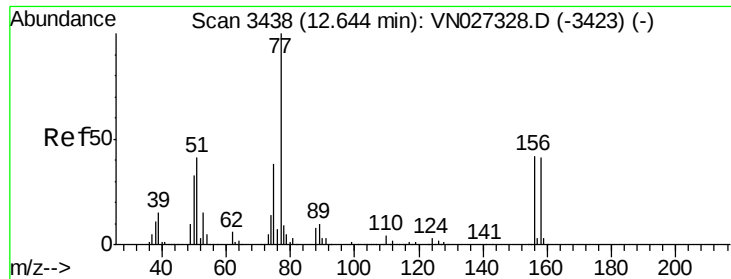
Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	159.3	103.1	309.3





#78

Bromobenzene

Concen: 0.32 ug/l

RT: 12.65 min Scan# 3440

Delta R.T. 0.01 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

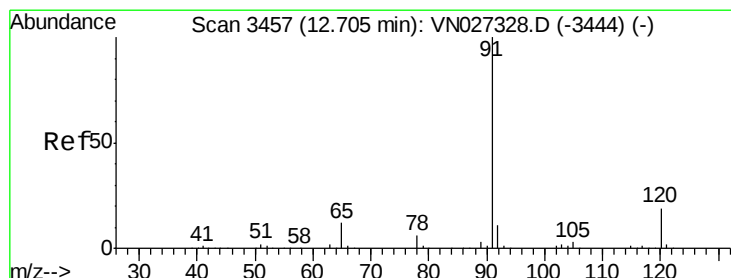
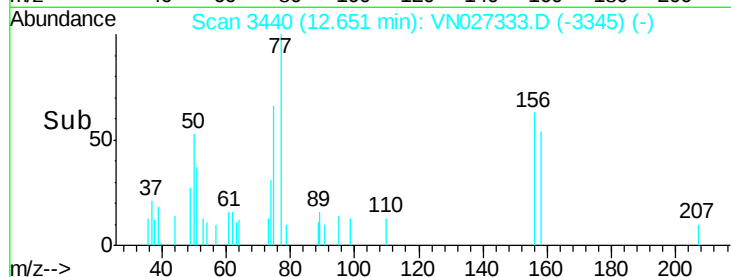
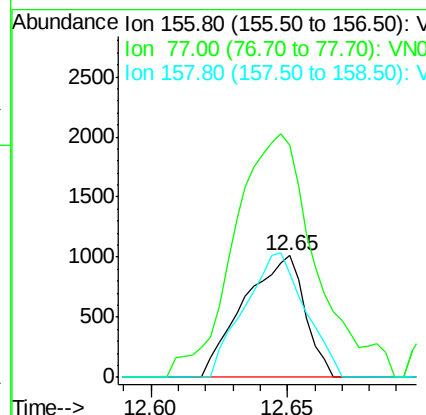
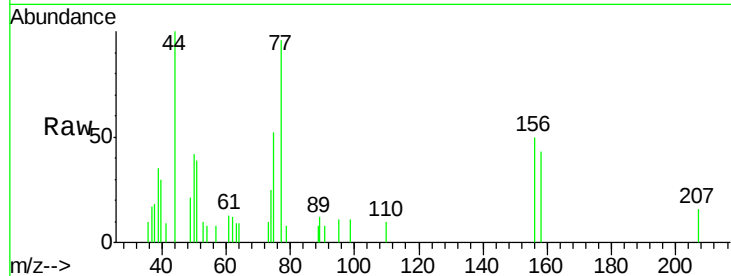
ClientSampleId :

LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
156	100		
77	266.7	127.3	381.9
158	100.8	48.0	144.2

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#79

n-propylbenzene

Concen: 0.27 ug/l

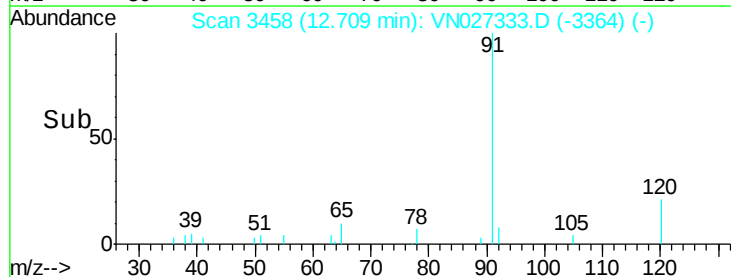
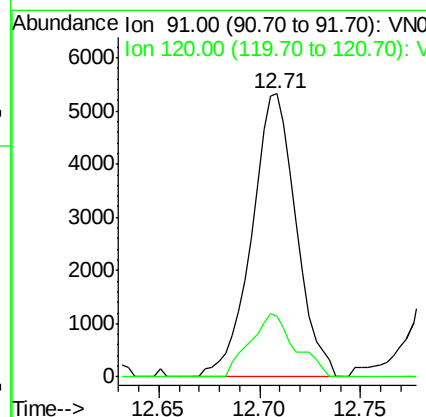
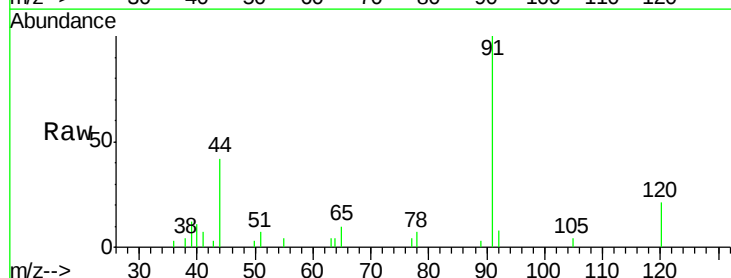
RT: 12.71 min Scan# 3458

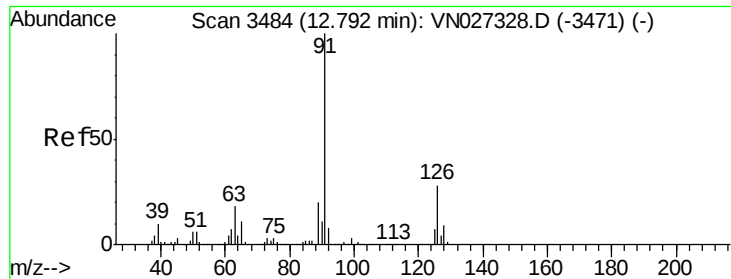
Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.3	30.8





#80

2-Chlorotoluene

Concen: 0.31 ug/l

RT: 12.80 min Scan# 3485

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion: 91 Resp: 5788

Ion Ratio Lower Upper

91 100

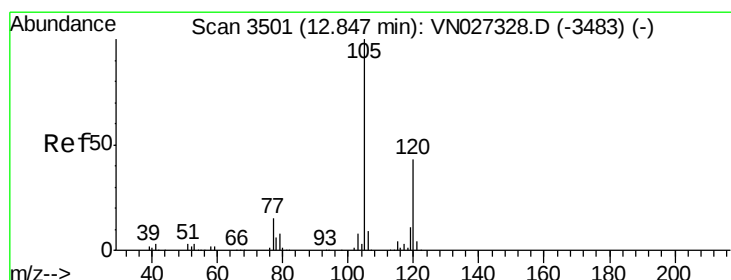
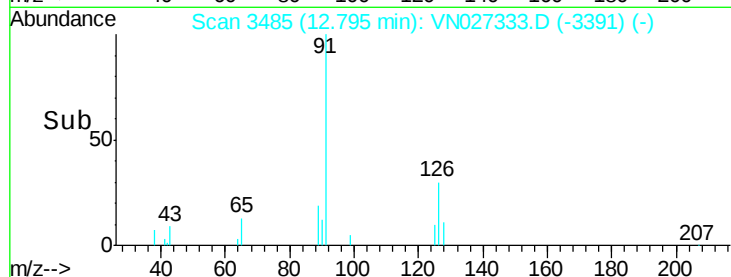
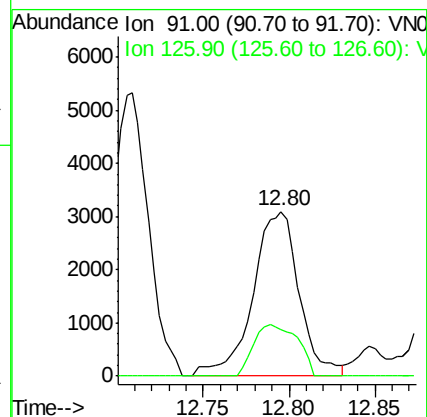
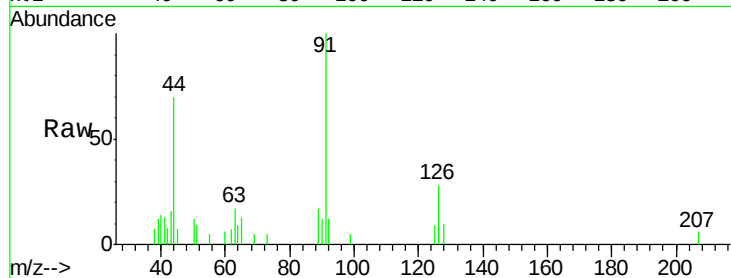
126 29.5 15.2 45.5

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#81

1,3,5-Trimethylbenzene

Concen: 0.25 ug/l

RT: 12.85 min Scan# 3503

Delta R.T. 0.01 min

Lab File: VN027333.D

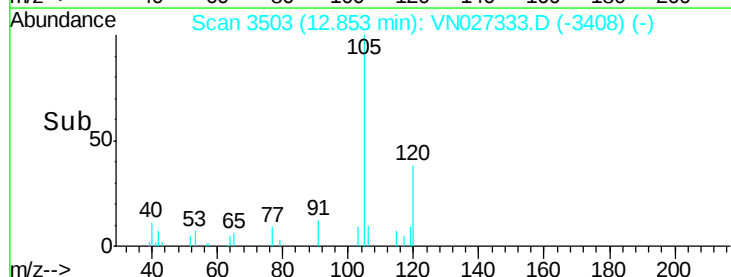
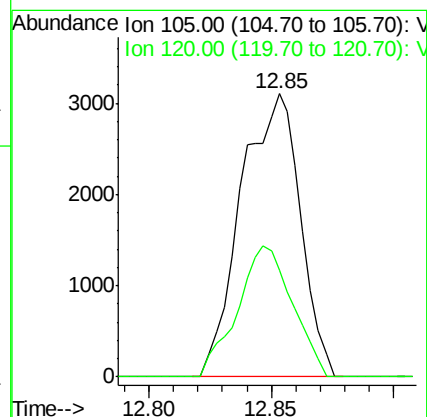
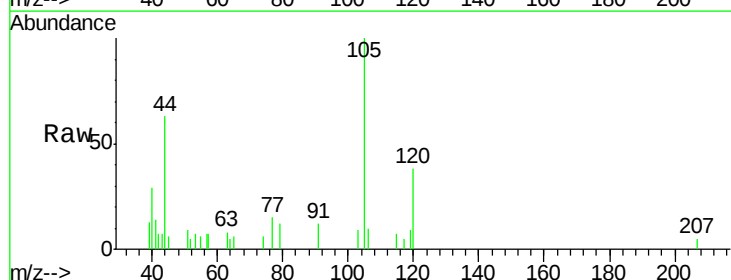
Acq: 21 Sep 2015 15:41

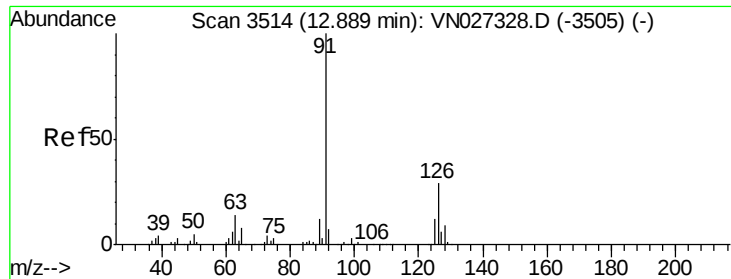
Tgt Ion: 105 Resp: 5219

Ion Ratio Lower Upper

105 100

120 42.9 23.4 70.0





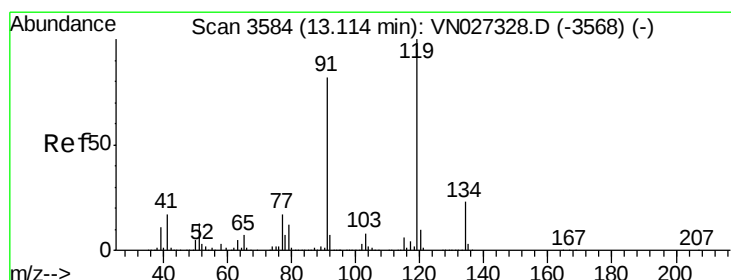
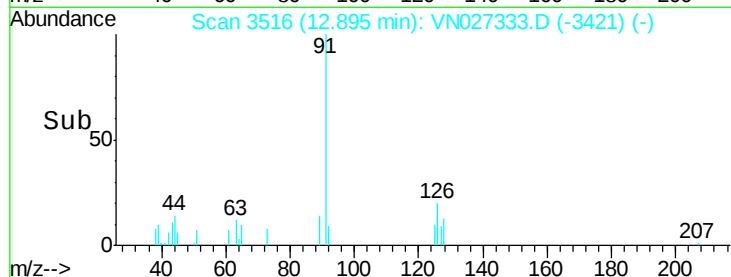
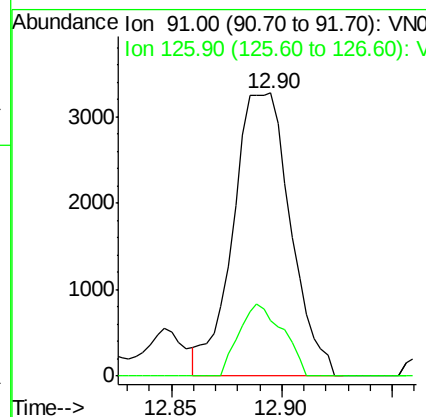
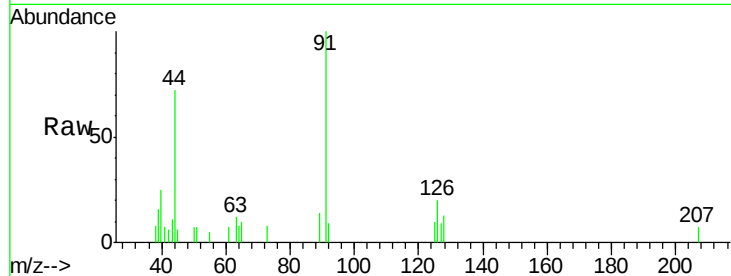
#83
4-Chlorotoluene
Concen: 0.33 ug/l
RT: 12.90 min Scan# 3516
Delta R.T. 0.01 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
91	100		
126	19.5	14.9	44.5

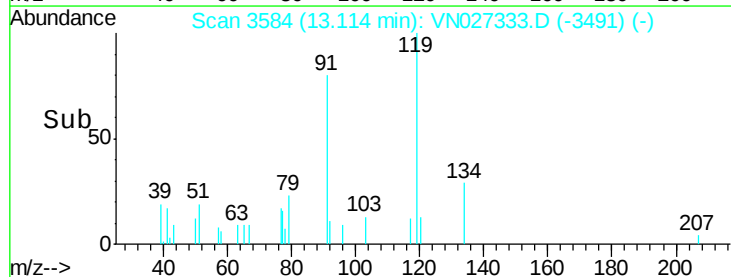
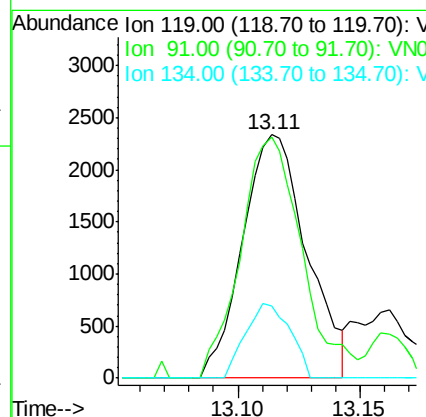
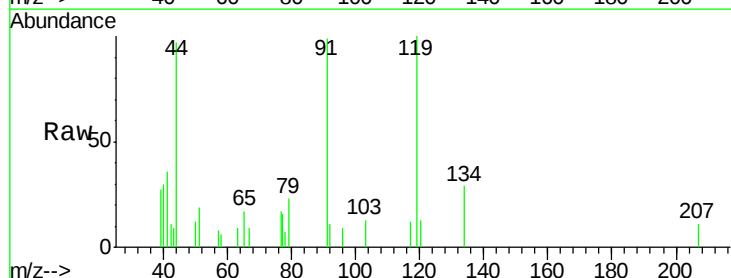
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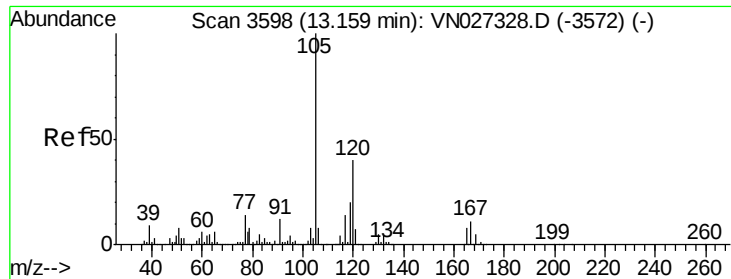
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#84
tert-Butylbenzene
Concen: 0.26 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
119	100		
91	94.8	34.6	103.8
134	21.1	11.4	34.2





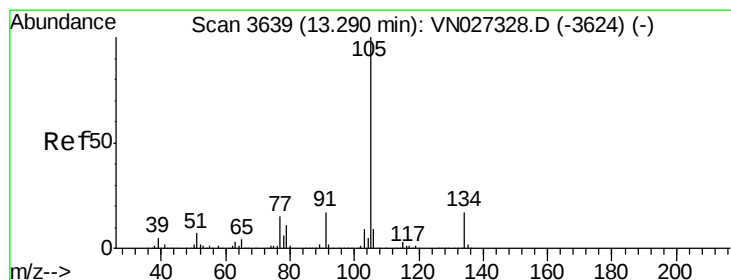
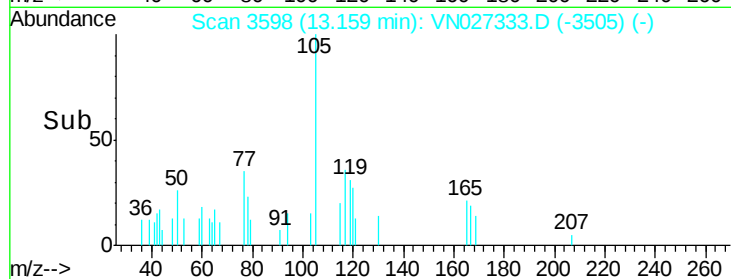
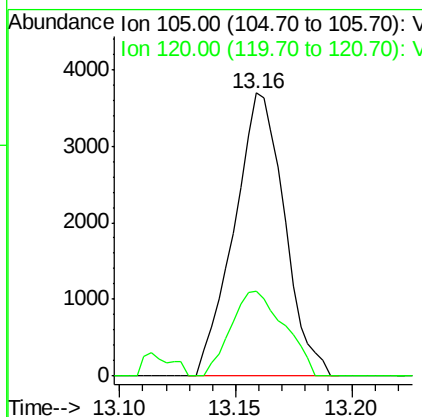
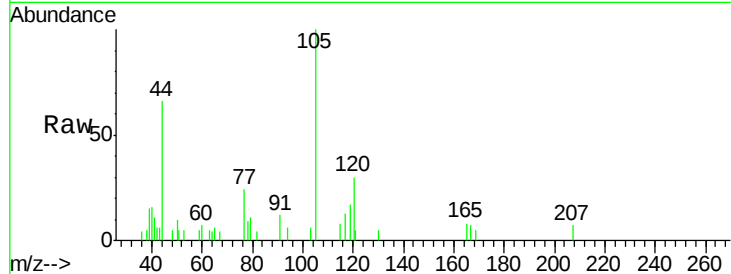
#85
 1,2,4-Trimethylbenzene
 Concen: 0.27 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027333.D
 Acq: 21 Sep 2015 15:41

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
105	100		
120	31.9	21.9	65.5

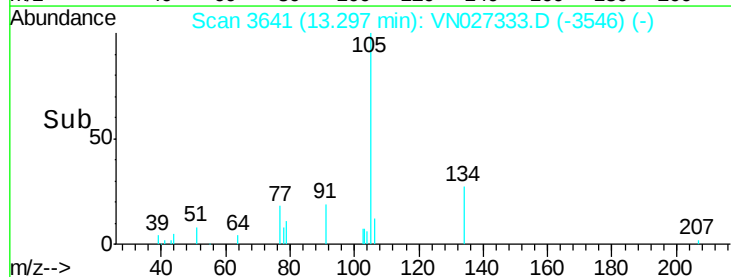
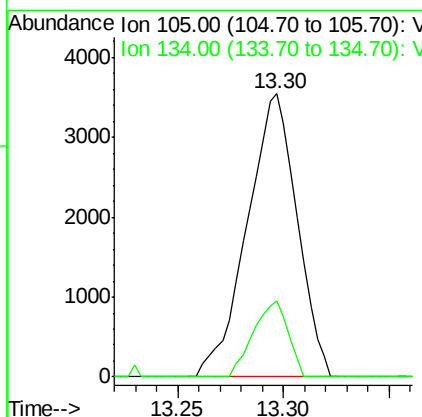
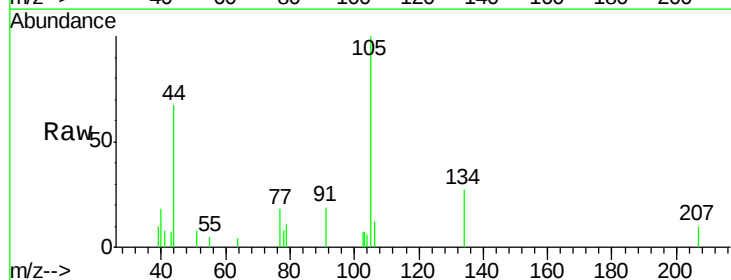
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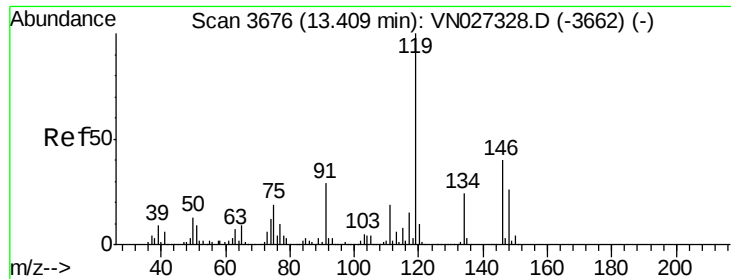
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#86
 sec-Butylbenzene
 Concen: 0.24 ug/l
 RT: 13.30 min Scan# 3641
 Delta R.T. 0.01 min
 Lab File: VN027333.D
 Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.6	8.8	26.4





#87

p-Isopropyltoluene

Concen: 0.21 ug/l

RT: 13.41 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

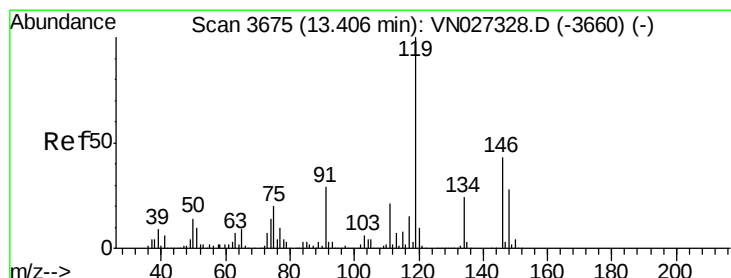
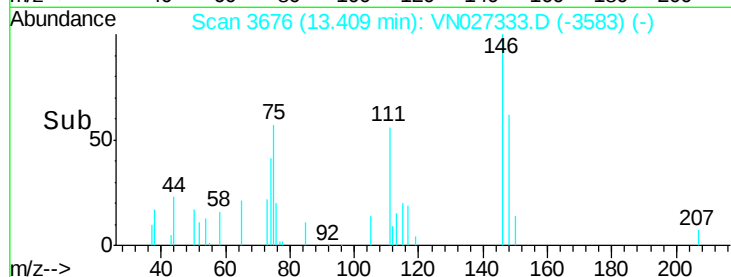
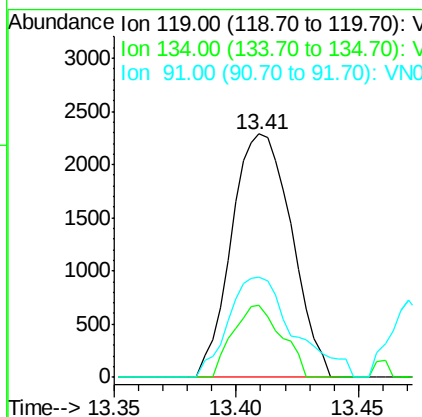
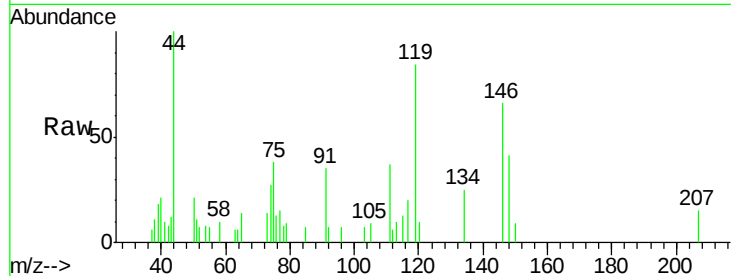
ClientSampleId :

LOD-WATER2015-01

Tot Ion:	119	Resp:	3901
Ion Ratio	Lower	Upper	
119	100		
134	24.1	12.4	37.0
91	44.9	12.0	36.1#

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#88

1,3-Dichlorobenzene

Concen: 0.28 ug/l

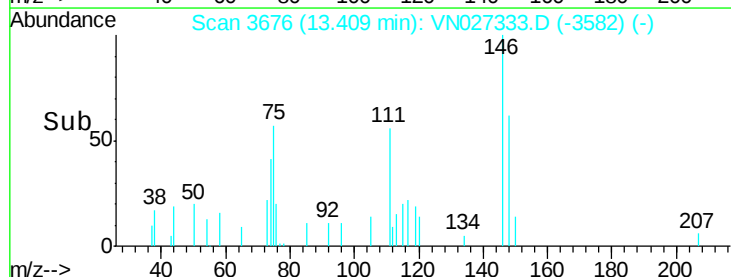
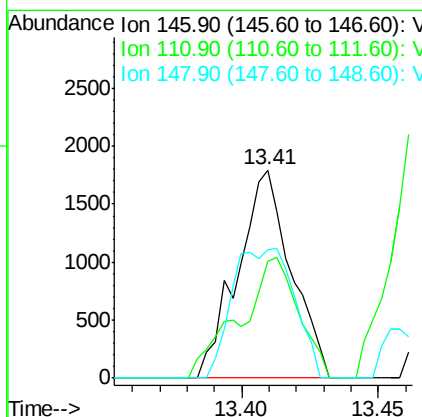
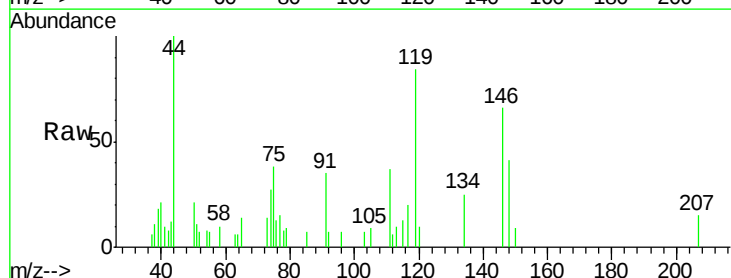
RT: 13.41 min Scan# 3676

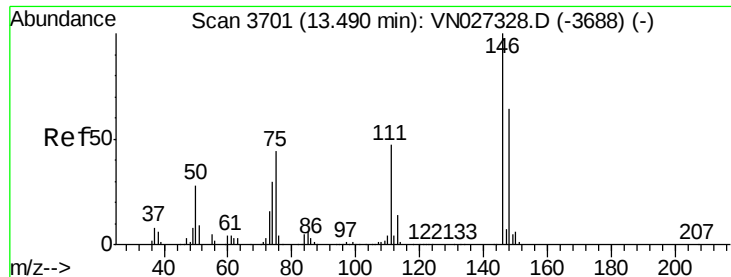
Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Tgt Ion:	146	Resp:	2434
Ion Ratio	Lower	Upper	
146	100		
111	63.8	21.0	63.0#
148	73.1	31.9	95.9





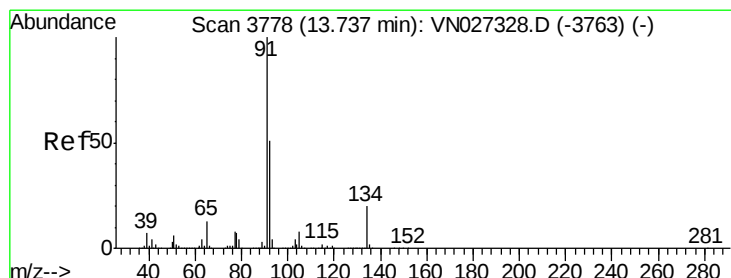
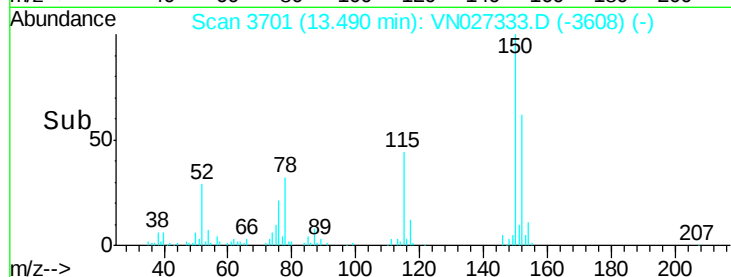
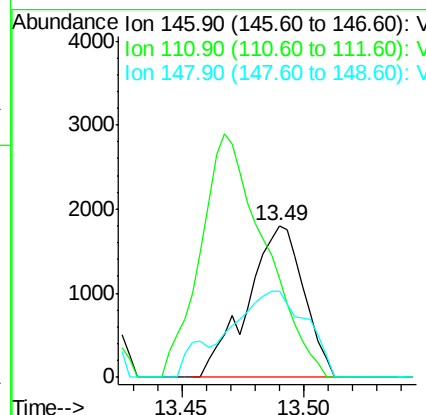
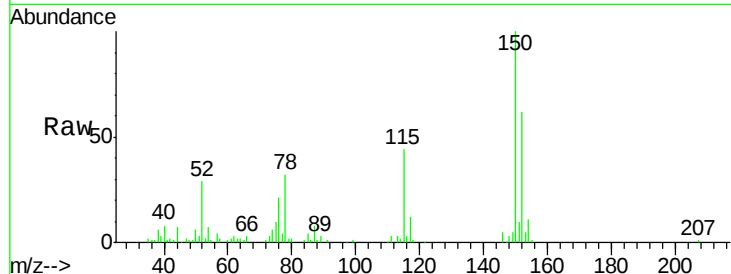
#89
1,4-Dichlorobenzene
Concen: 0.33 ug/l
RT: 13.49 min Scan# 3701
Delta R.T. 0.00 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-WATER2015-01

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.9	59.6#
148	71.1	31.7	95.1

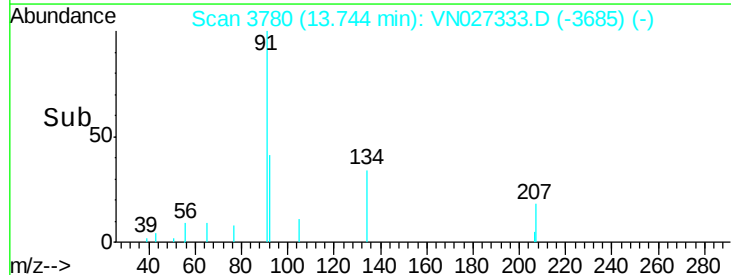
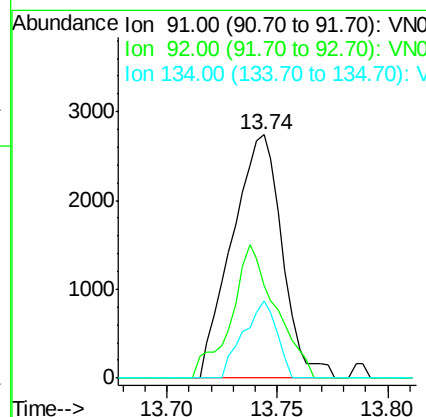
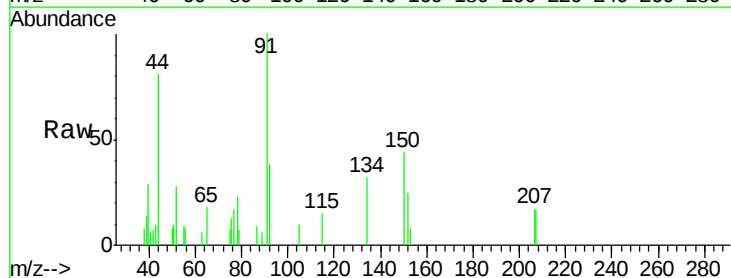
Manual Integrations
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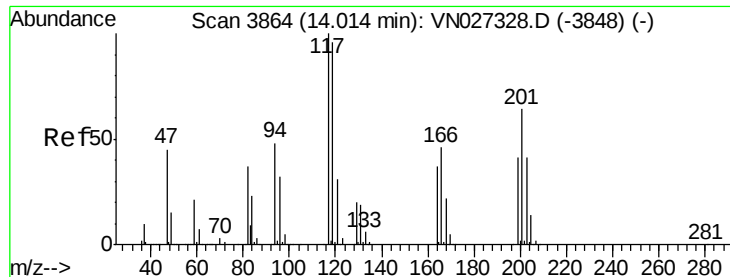
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#90
n-Butylbenzene
Concen: 0.24 ug/l
RT: 13.74 min Scan# 3780
Delta R.T. 0.01 min
Lab File: VN027333.D
Acq: 21 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.5	26.1	78.2
134	21.2	11.1	33.1





#91

Hexachloroethane

Concen: 0.26 ug/l

RT: 14.01 min Scan# 3863

Delta R.T. -0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-WATER2015-01

Tot Ion:117 Resp: 1024

Ion Ratio Lower Upper

117 100

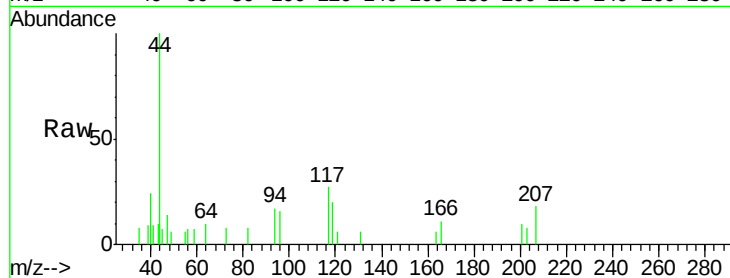
201 54.6 34.9 104.7

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.01

800

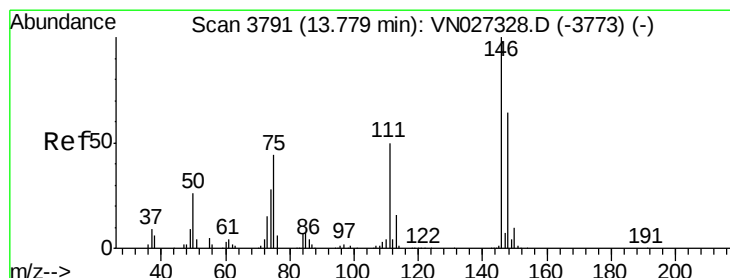
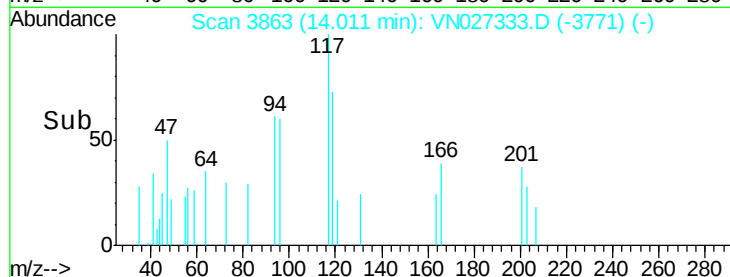
600

400

200

0

Time-->



#92

1,2-Dichlorobenzene

Concen: 0.31 ug/l

RT: 13.78 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

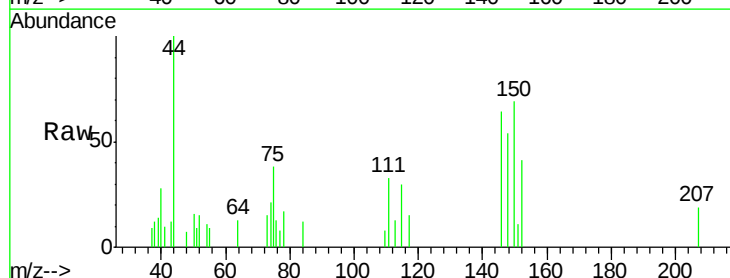
Tgt Ion:146 Resp: 2674

Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.3

148 64.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.78

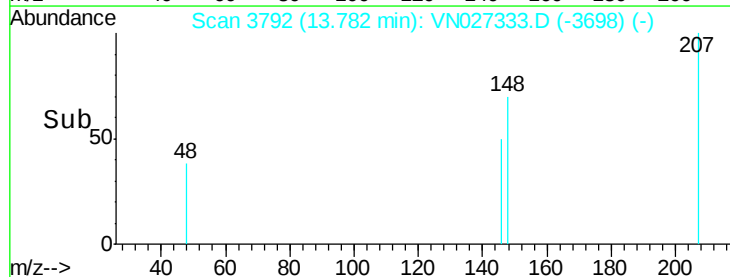
1500

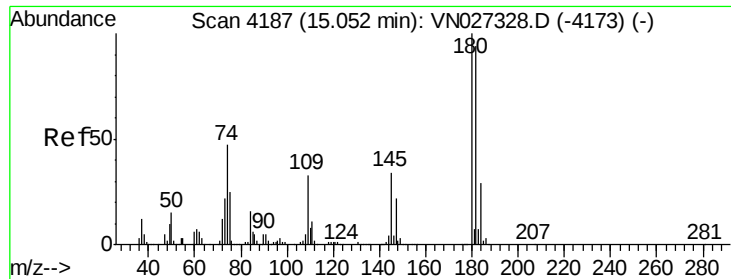
1000

500

0

Time-->





#94

1,2,4-Trichlorobenzene

Concen: 0.24 ug/l

RT: 15.06 min Scan# 4188

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

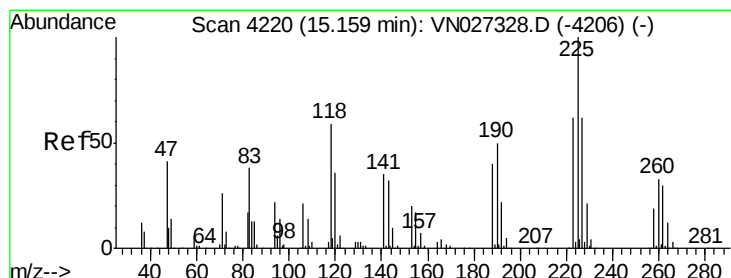
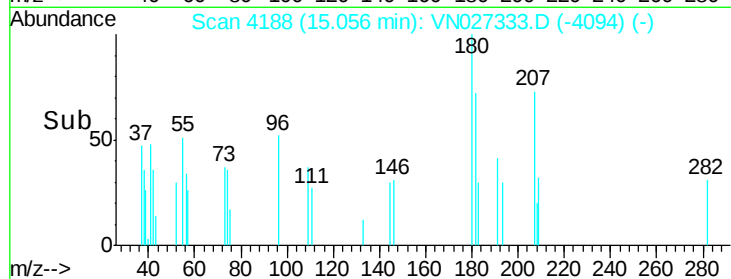
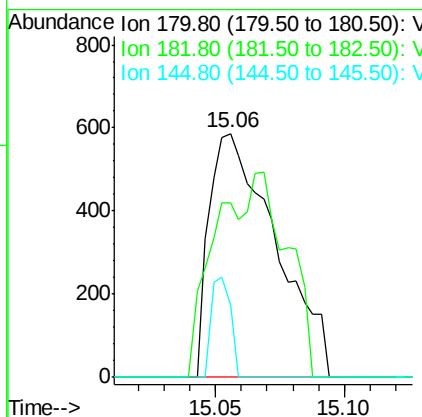
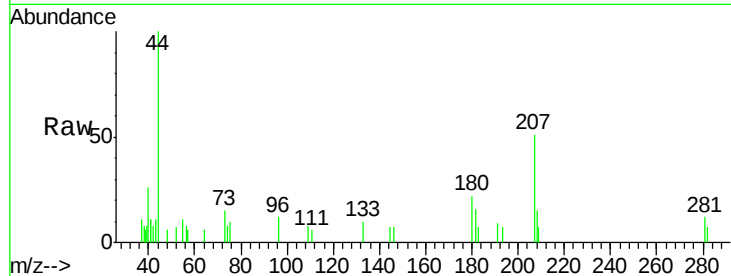
ClientSampleId :

LOD-WATER2015-01

Tot Ion:	180	Resp:	1052
Ion Ratio	Lower	Upper	
180	100		
182	37.1	47.5	142.5#
145	11.8	15.1	45.3#

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#95

Hexachlorobutadiene

Concen: 0.25 ug/l

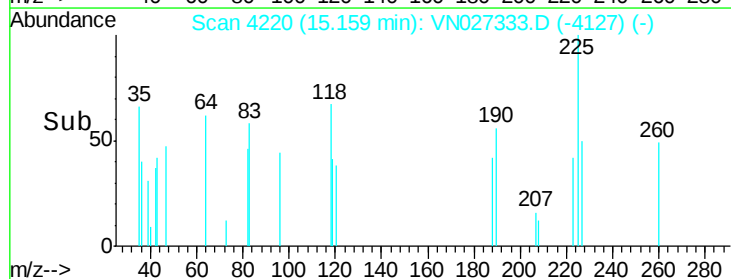
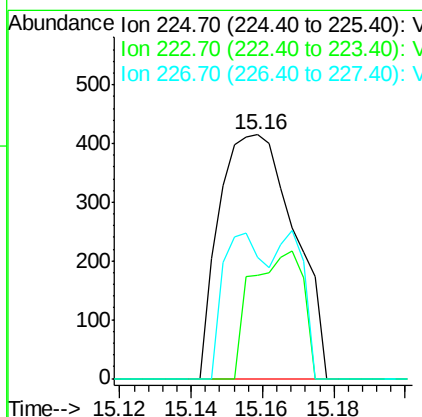
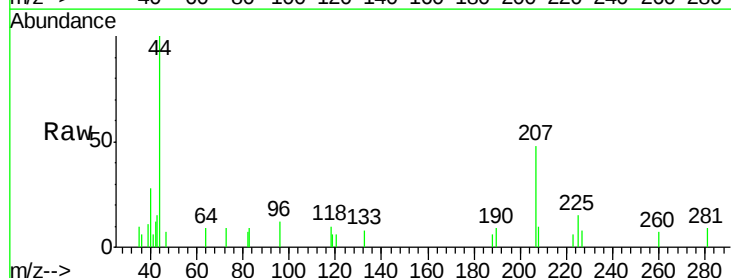
RT: 15.16 min Scan# 4220

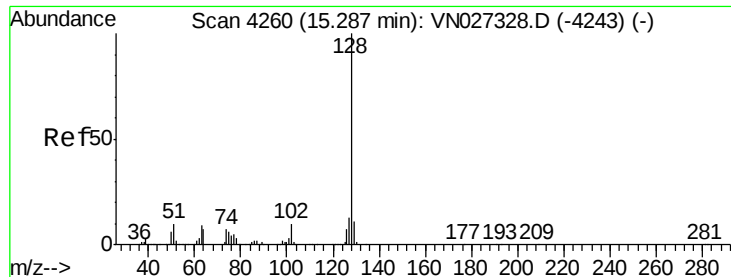
Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Tgt Ion:	225	Resp:	603
Ion Ratio	Lower	Upper	
225	100		
223	35.8	30.8	92.3
227	34.5	31.7	95.1





#96

Naphthalene

Concen: 3.98 ug/l

RT: 15.29 min Scan# 4261

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Instrument :

MSVOA_N

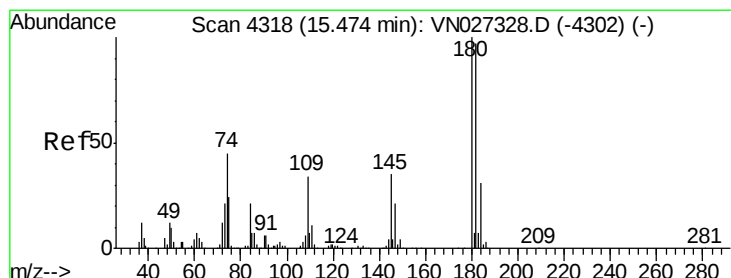
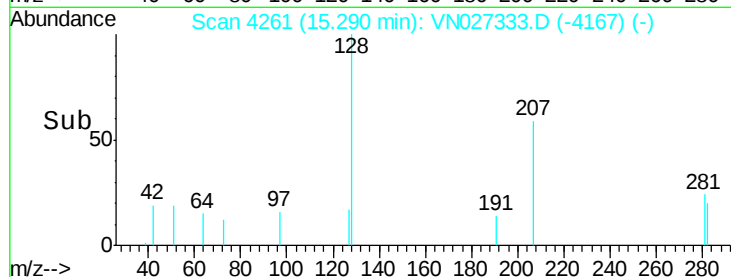
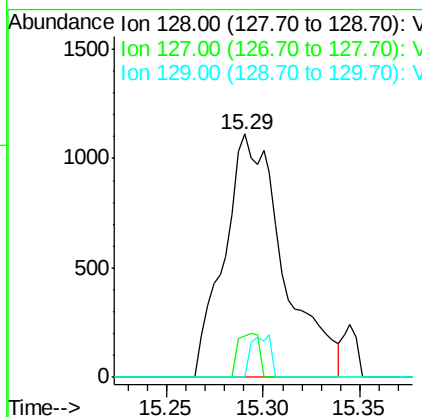
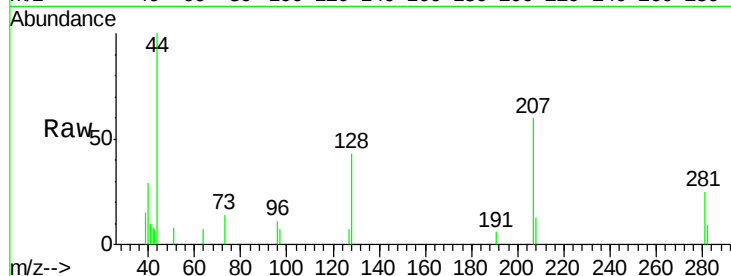
ClientSampleId :

LOD-WATER2015-01

Tot Ion:	128	Resp:	2373
Ion Ratio	Lower	Upper	
128	100		
127	6.2	10.4	15.6#
129	5.8	8.6	12.8#

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#97

1,2,3-Trichlorobenzene

Concen: 0.18 ug/l

RT: 15.47 min Scan# 4318

Delta R.T. 0.00 min

Lab File: VN027333.D

Acq: 21 Sep 2015 15:41

Tgt Ion:	180	Resp:	775
Ion Ratio	Lower	Upper	
180	100		
182	72.3	48.8	146.4
145	40.4	16.6	49.8

