

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027336.D
 Acq On : 21 Sep 2015 17:46
 Operator : MD\FY
 Sample : G3640-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sampled :
 FIELD BLANK

Manual Integrations
 APPROVED

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 9/23/2015 12:25:30 PM

Quant Time: Sep 22 02:31:24 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	406814	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	777800	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	661953	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	253614	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	339306	42.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.22%	
36) Dibromofluoromethane	7.68	113	209804	41.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.68%	
51) Toluene-d8	10.19	98	807047	41.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.26%	
63) 4-Bromofluorobenzene	12.52	95	285060	39.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.98%	

Target Compounds

						Qvalue
4) Chloromethane	2.00	50	9991	2.07	ug/l	93
6) Bromomethane	2.54	94	197200	89.73	ug/l	95
7) Chloroethane	2.69	64	295869	86.23	ug/l	99
8) Trichlorofluoromethane	3.02	101	1127814	143.91	ug/l	97
11) Methyl Iodide	3.99	142	2623	3.03	ug/l #	94
13) 1,1-Dichloroethene	3.77	96	711065	153.07	ug/l	93
17) Acetone	3.83	43	280429	129.43	ug/l	97
21) Methylene Chloride	4.60	84	544995	94.48	ug/l	97
22) trans-1,2-Dichloroethene	5.12	96	804166	157.44	ug/l	98
26) 2-Butanone	6.91	43	781642	275.49	ug/l	98
28) cis-1,2-Dichloroethene	6.92	96	6165	1.02	ug/l	58
31) Chloroform	7.46	83	509527	47.24	ug/l	100
33) 1,1,1-Trichloroethane	7.67	97	218288	22.84	ug/l	97
39) Carbon Tetrachloride	7.88	117	617255	78.25	ug/l	98
41) Benzene	8.14	78	889479	36.56	ug/l	99
43) 1,2-Dichloroethane	8.22	62	1614817	162.81	ug/l	95
45) Trichloroethene	8.93	130	565331	115.99	ug/l	90
46) 1,2-Dichloropropane	9.22	63	757708	111.27	ug/l	100
47) Dibromomethane	9.31	93	185844	45.47	ug/l	91
48) Bromodichloromethane	9.49	83	511070	58.96	ug/l	98
52) 4-Methyl-2-Pentanone	10.07	43	214253	33.67	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	369921	39.98	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	590535	58.10	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	263780	49.15	ug/l	96
60) 2-Hexanone	10.84	43	666669	154.16	ug/l	99
61) Dibromochloromethane	11.00	129	4224m	0.80	ug/l	
62) 1,2-Dibromoethane	11.11	107	263095	51.55	ug/l	99
65) Tetrachloroethene	10.74	164	386788	98.17	ug/l	95
66) Chlorobenzene	11.54	112	564882	39.80	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	127081	26.68	ug/l	98
68) Ethyl Benzene	11.62	91	1497317	55.93	ug/l	99
69) m/p-Xylenes	11.73	106	1729516	186.35	ug/l	91
71) Styrene	12.08	104	1378963	92.36	ug/l	93
72) Bromoform	12.24	173	140977	44.12	ug/l	99

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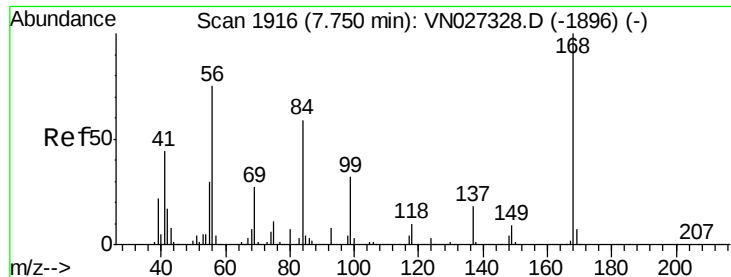
Manual Integrations
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 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,1,2,2-Tetrachloroethane	12.61	83	1109700	155.16	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	206898	32.49	ug/l #	1
85) 1,2,4-Trimethylbenzene	13.16	105	2172811	106.38	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	291979	33.63	ug/l	95
91) Hexachloroethane	14.01	117	7056	1.78	ug/l	90
92) 1,2-Dichlorobenzene	13.78	146	355826	41.52	ug/l	97
93) 1,2-Dibromo-3-Chloropropan	14.40	75	165229	117.88	ug/l	85
94) 1,2,4-Trichlorobenzene	15.06	180	680806	153.71	ug/l	98
95) Hexachlorobutadiene	15.16	225	499696	205.91	ug/l	98
96) Naphthalene	15.29	128	1331604	94.47	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	2263	0.51	ug/l	88

(#) = 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: VN027336.D

Acq: 21 Sep 2015 17:46

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion:168 Resp: 406814

Ion Ratio Lower Upper

168 100

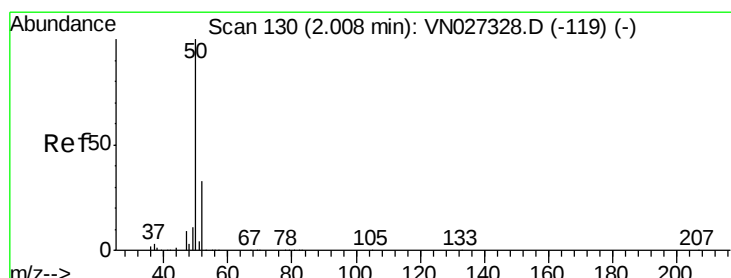
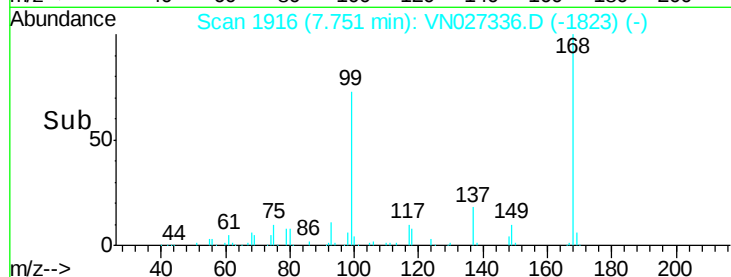
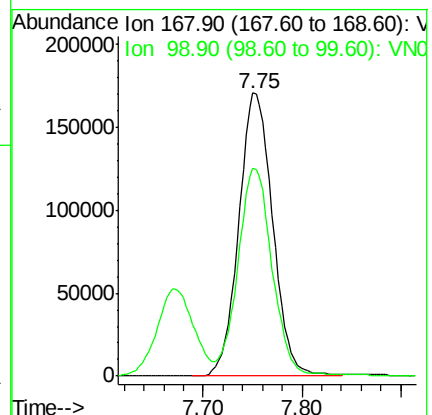
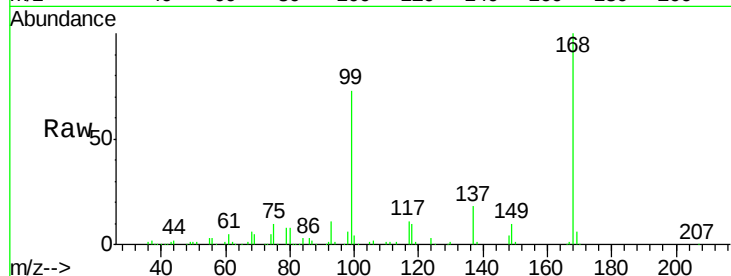
99 72.7 50.4 75.6

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#4

Chloromethane

Concen: 2.07 ug/l

RT: 2.00 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN027336.D

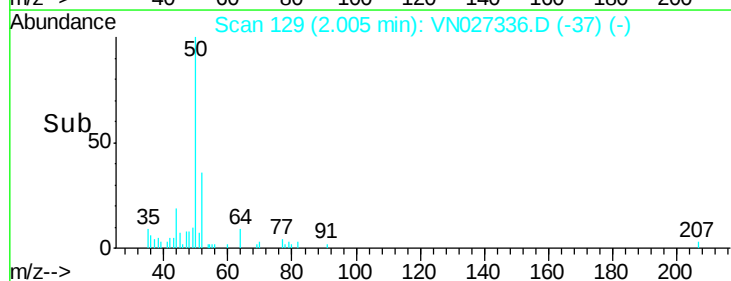
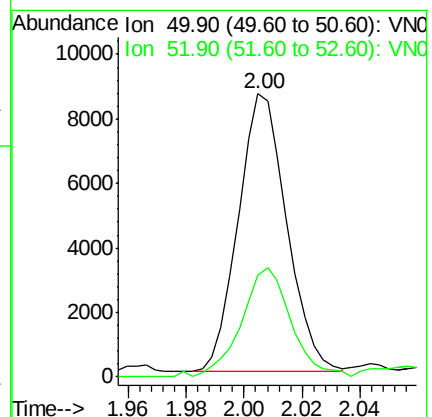
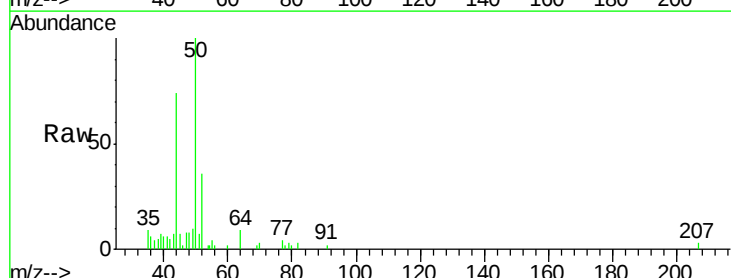
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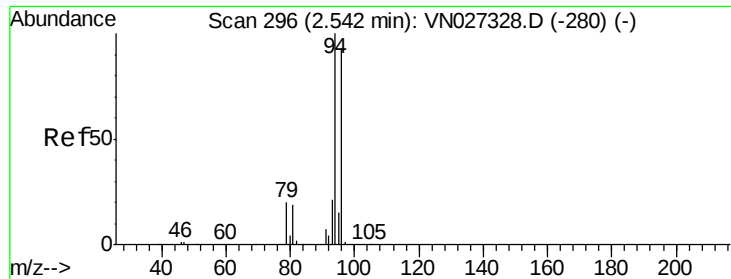
Tgt Ion: 50 Resp: 9991

Ion Ratio Lower Upper

50 100

52 36.4 25.9 38.9





#6

Bromomethane

Concen: 89.73 ug/l

RT: 2.54 min Scan# 297

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

Instrument :

MSVOA_N

ClientSampled :

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Tot Ion: 94 Resp: 197200

Ion Ratio Lower Upper

94 100

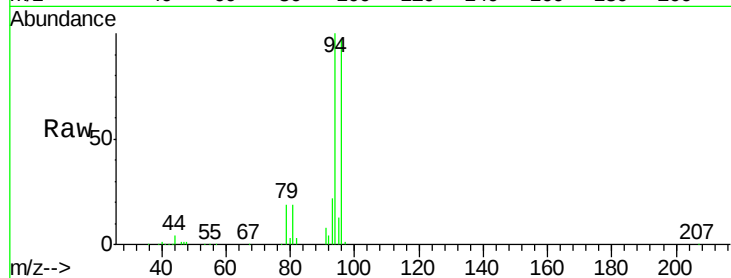
96 96.8 73.4 110.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

120000

100000

80000

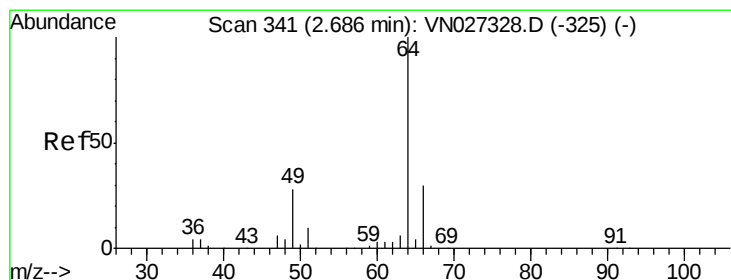
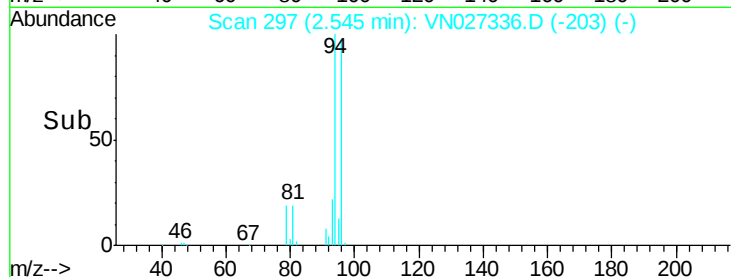
60000

40000

20000

0

Time-->



#7

Chloroethane

Concen: 86.23 ug/l

RT: 2.69 min Scan# 341

Delta R.T. 0.00 min

Lab File: VN027336.D

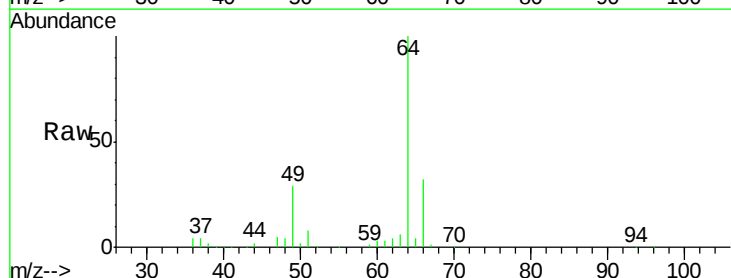
Acq: 21 Sep 2015 17:46

Tgt Ion: 64 Resp: 295869

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

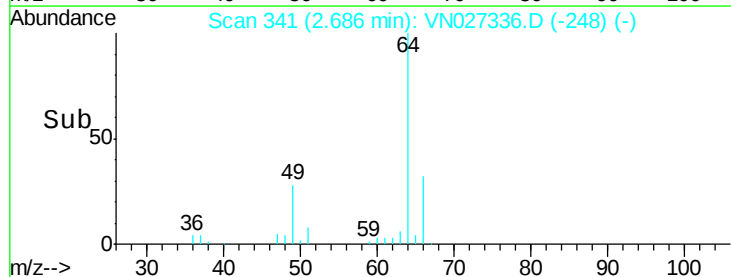
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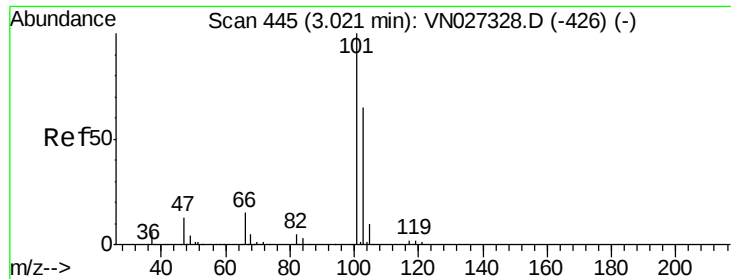
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50000

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Time-->





#8

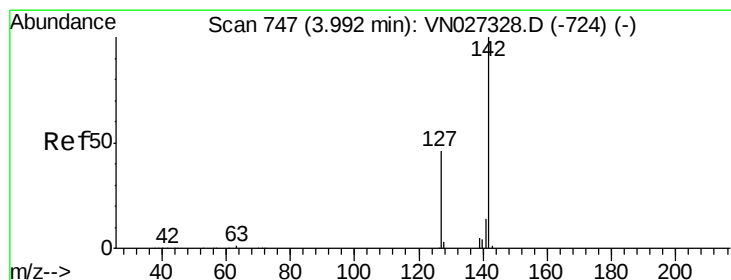
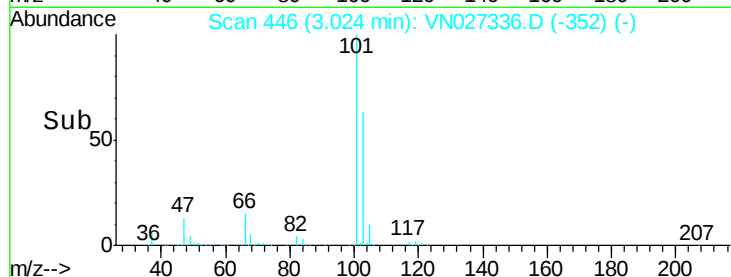
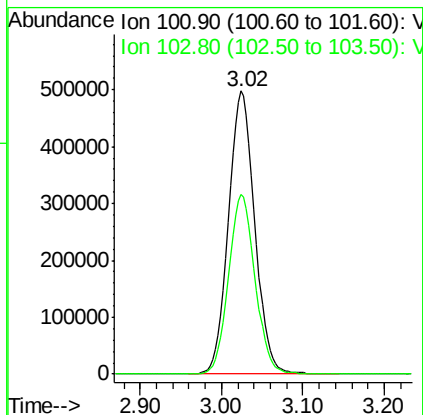
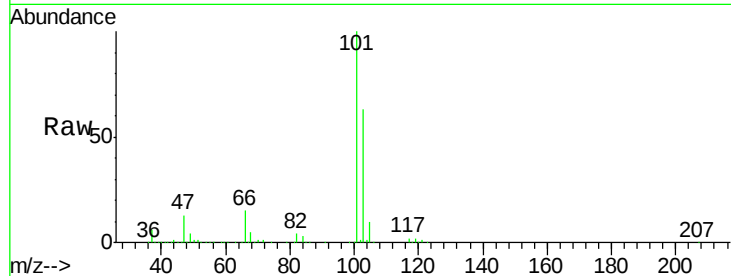
Trichlorofluoromethane
Concen: 143.91 ug/l
RT: 3.02 min Scan# 446
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Instrument :
MSVOA_N
ClientSampled :
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Tot Ion:101 Resp: 1127814
Ion Ratio Lower Upper
101 100
103 63.4 52.6 79.0

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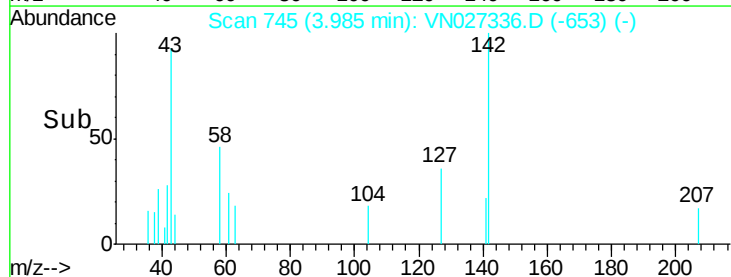
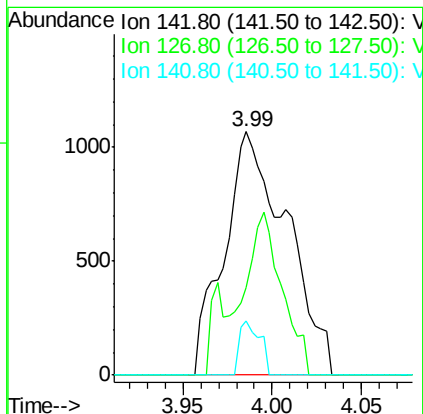
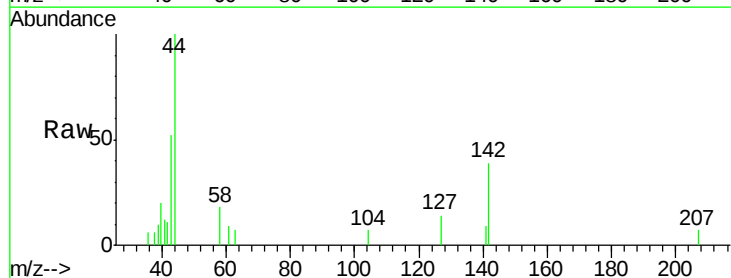
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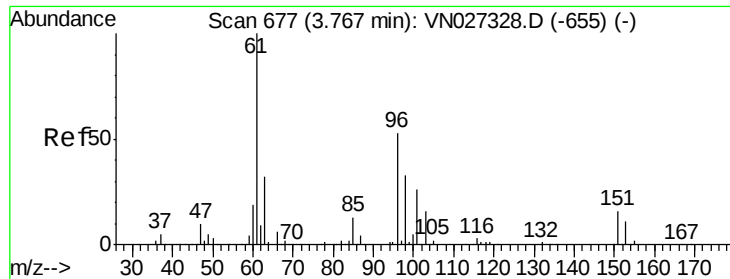


#11

Methyl Iodide
Concen: 3.03 ug/l
RT: 3.99 min Scan# 745
Delta R.T. -0.01 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Tgt Ion:142 Resp: 2623
Ion Ratio Lower Upper
142 100
127 38.6 32.3 48.5
141 7.2 11.2 16.8#





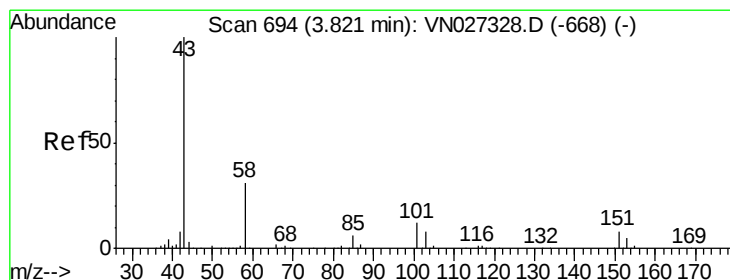
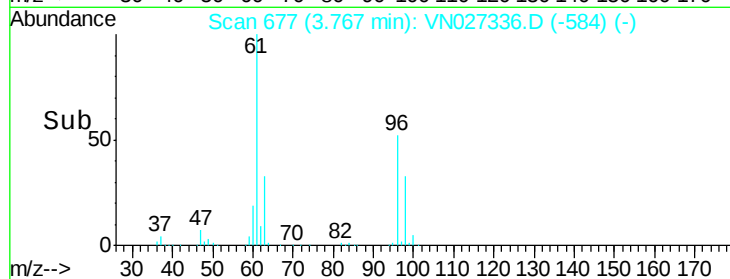
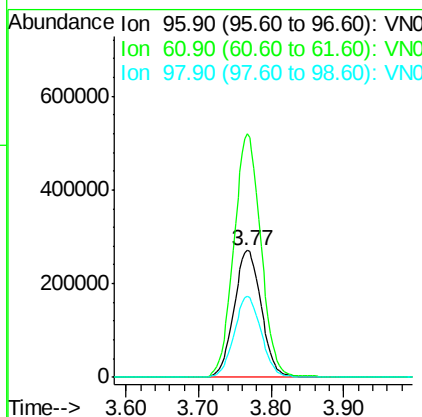
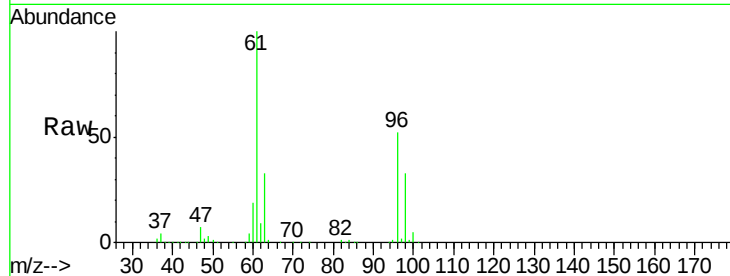
#13
 1,1-Dichloroethene
 Concen: 153.07 ug/l
 RT: 3.77 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
96	100		
61	191.7	143.8	215.8
98	64.2	50.3	75.5

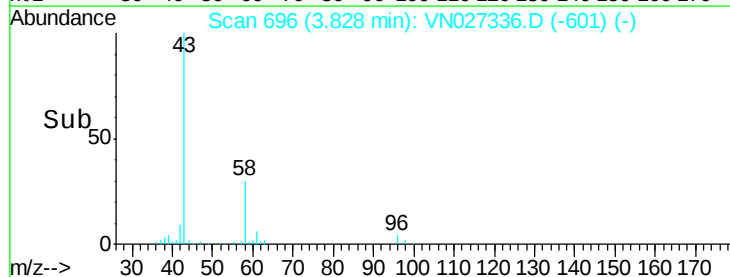
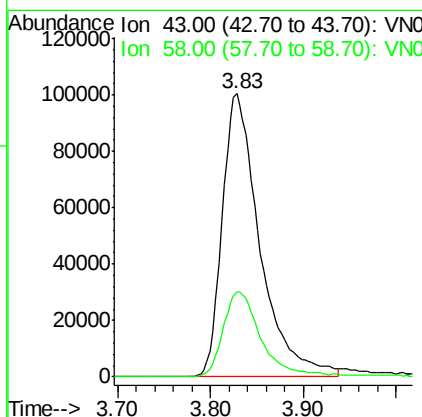
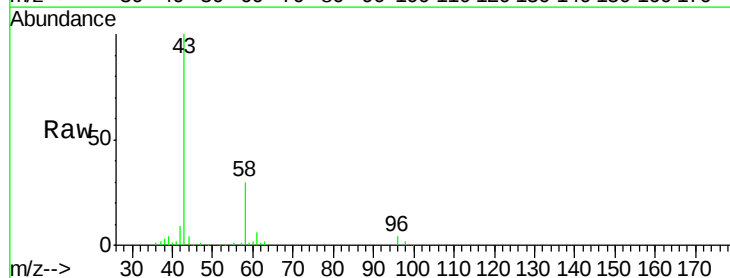
Manual Integrations
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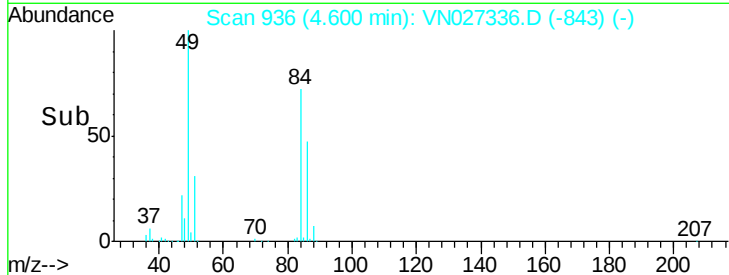
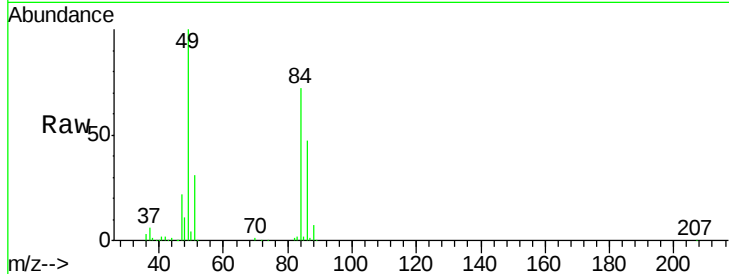
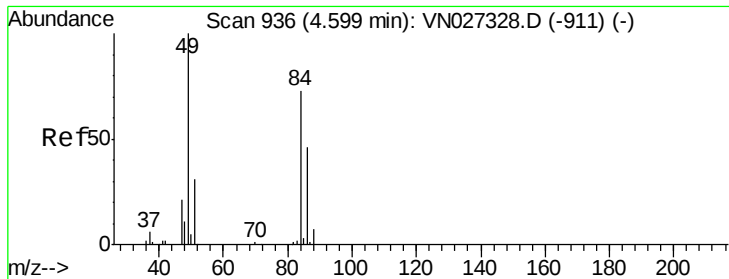
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#17
 Acetone
 Concen: 129.43 ug/l
 RT: 3.83 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.0	25.4	38.0





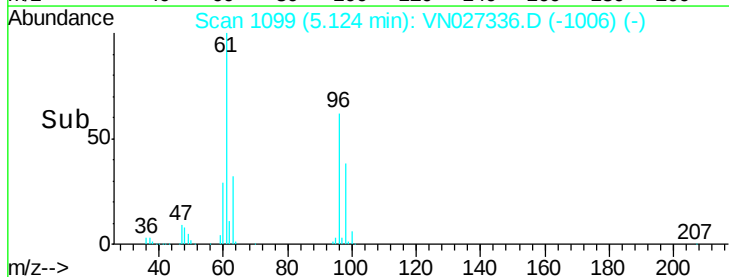
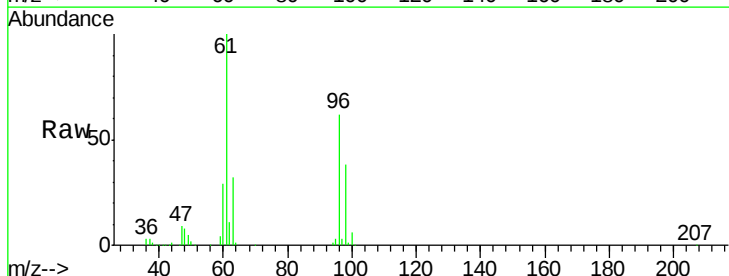
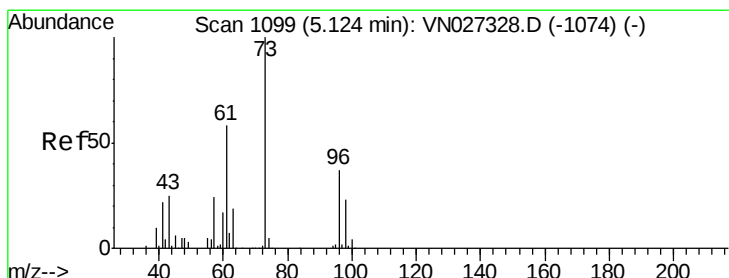
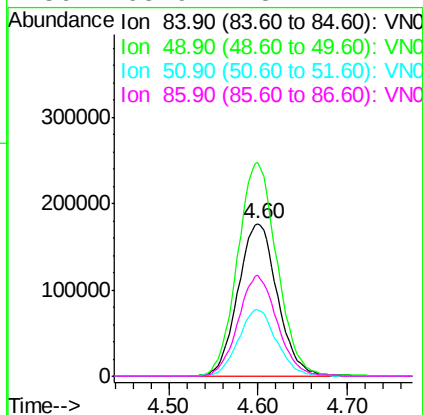
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Methylene Chloride
Concen: 94.48 ug/l
RT: 4.60 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Tot Ion:	84	Resp:	544995
Ion	Ratio	Lower	Upper
84	100		
49	139.7	112.3	168.5
51	43.5	33.8	50.8
86	65.9	48.2	72.4

Instrument :
MSVOA_N
ClientSampleId :
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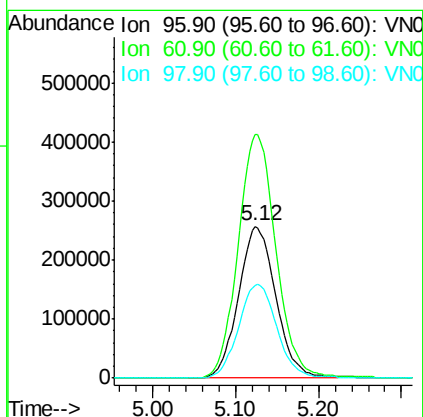
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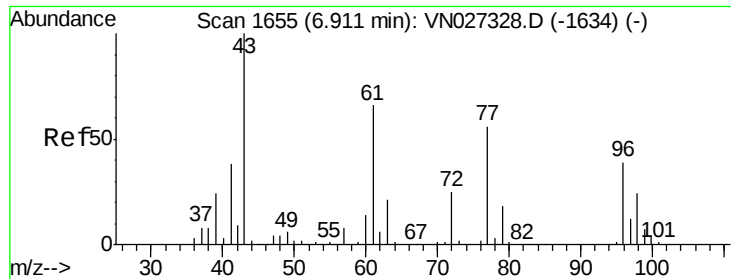
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#22
trans-1,2-Dichloroethene
Concen: 157.44 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Tgt Ion:	96	Resp:	804166
Ion	Ratio	Lower	Upper
96	100		
61	160.7	126.6	189.8
98	61.3	47.4	71.2





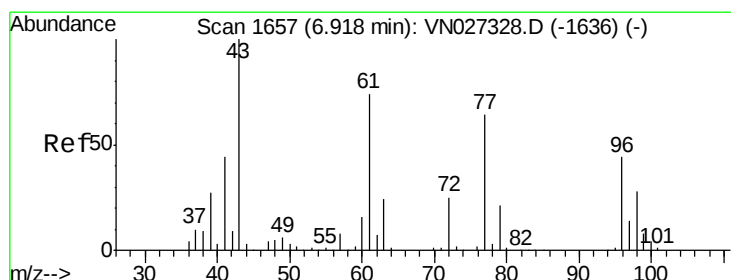
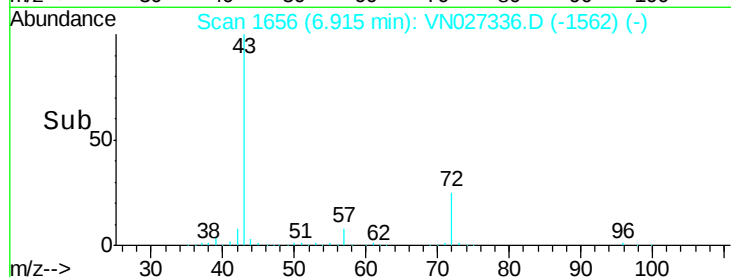
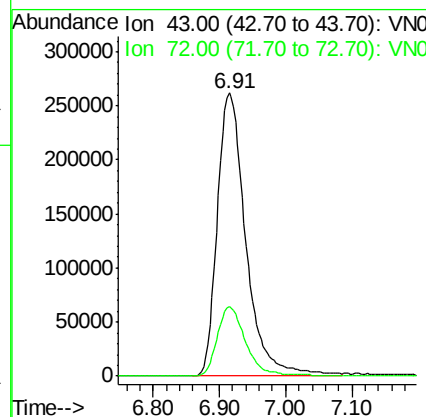
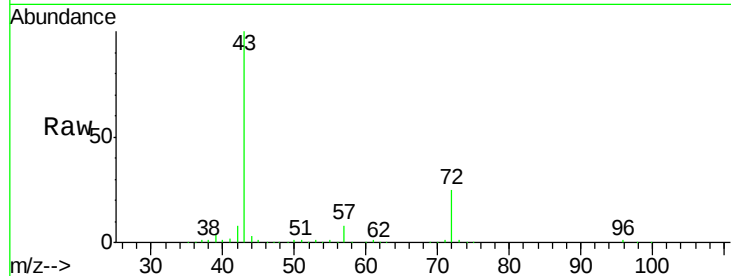
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2-Butanone
Concen: 275.49 ug/l
RT: 6.91 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Instrument :
MSVOA_N
ClientSampled :
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Tot Ion: 43 Resp: 781642
Ion Ratio Lower Upper
43 100
72 24.7 18.8 28.2

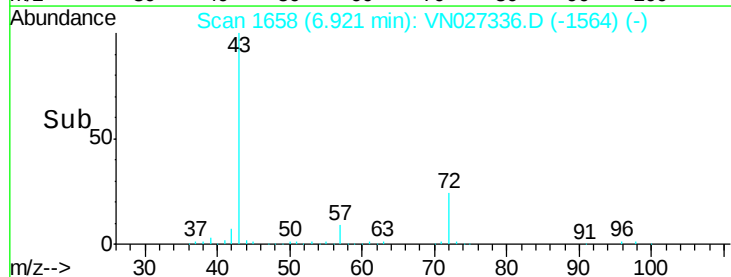
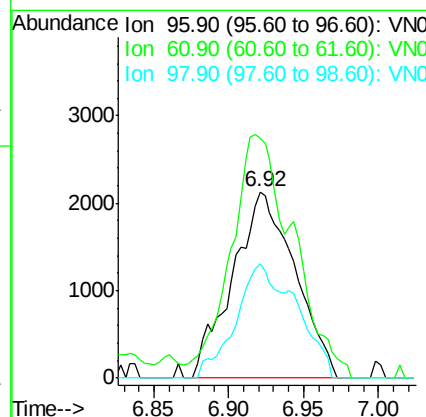
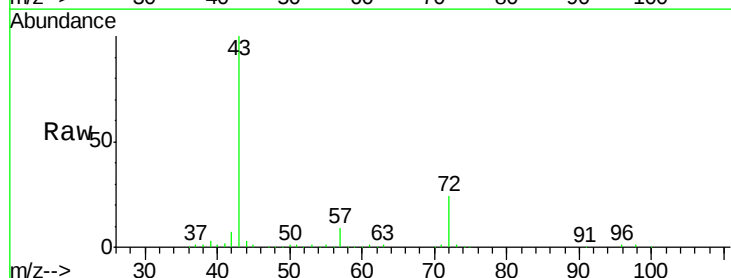
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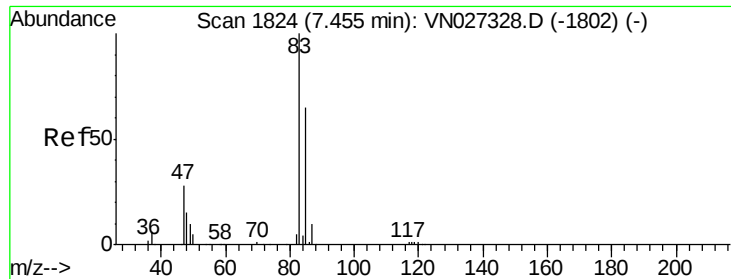
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#28
cis-1,2-Dichloroethene
Concen: 1.02 ug/l
RT: 6.92 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Tgt Ion: 96 Resp: 6165
Ion Ratio Lower Upper
96 100
61 89.4 0.0 329.2
98 59.5 0.0 126.0





#31

Chloroform

Concen: 47.24 ug/l

RT: 7.46 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

Instrument :

MSVOA_N

ClientSampled :

FIELDBLANK

Tot Ion: 83 Resp: 509527

Ion Ratio Lower Upper

83 100

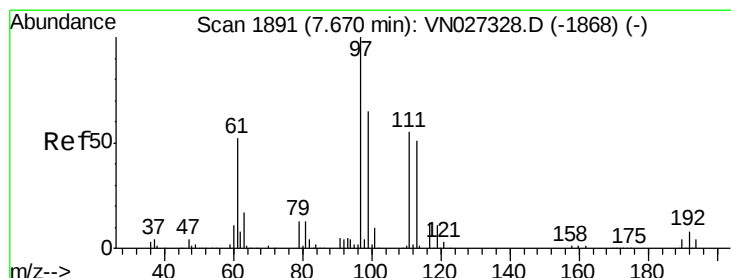
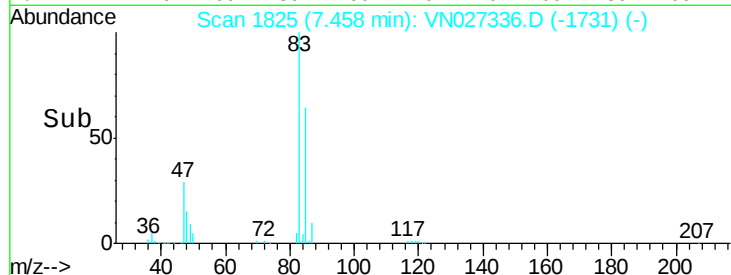
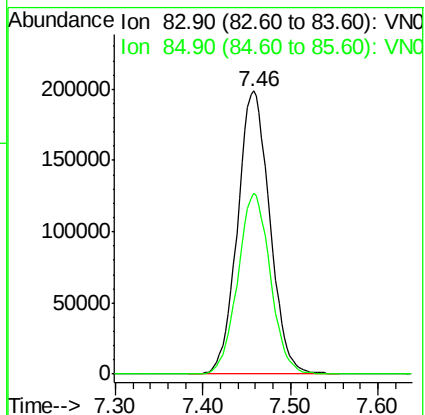
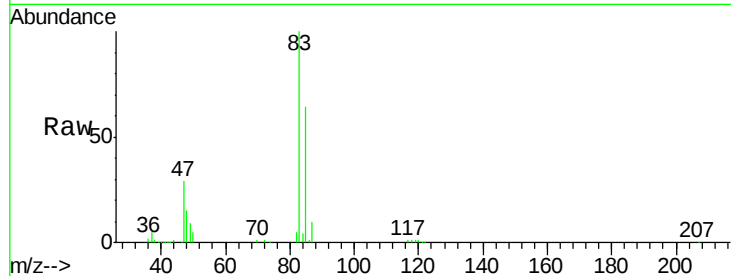
85 64.0 51.1 76.7

Manual Integrations

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#33

1,1,1-Trichloroethane

Concen: 22.84 ug/l

RT: 7.67 min Scan# 1892

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

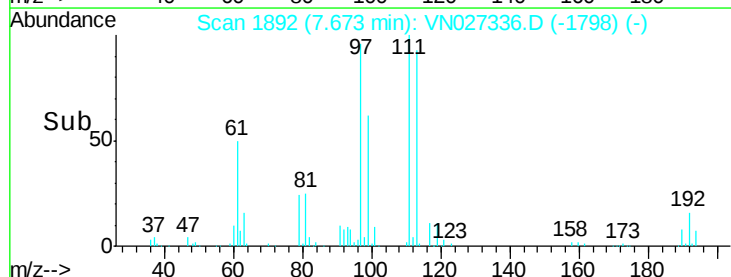
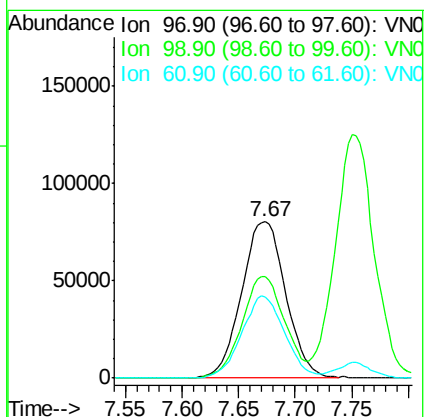
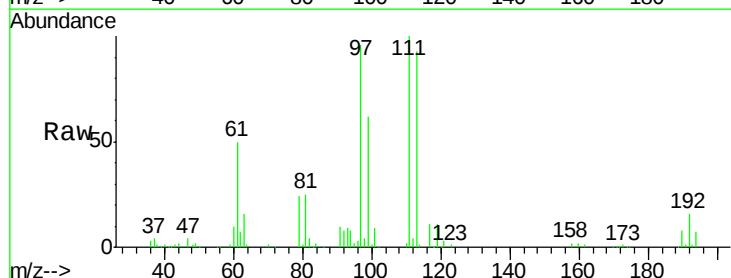
Tgt Ion: 97 Resp: 218288

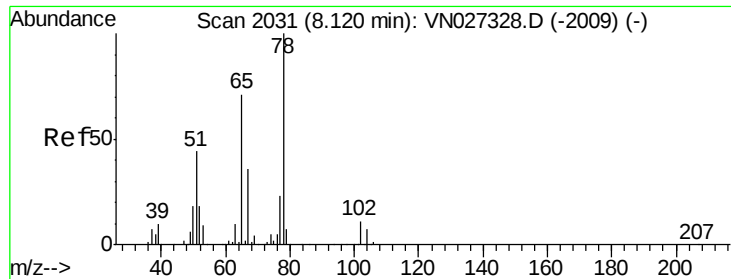
Ion Ratio Lower Upper

97 100

99 63.8 50.1 75.1

61 51.0 44.0 66.0





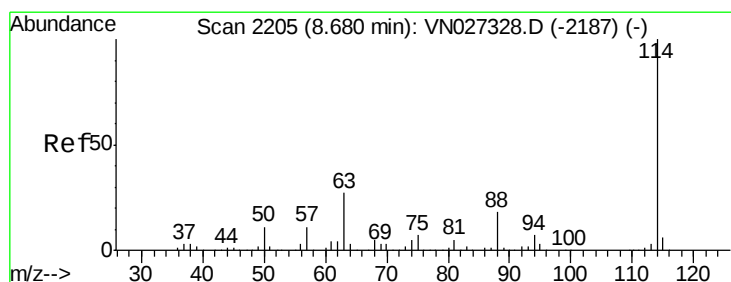
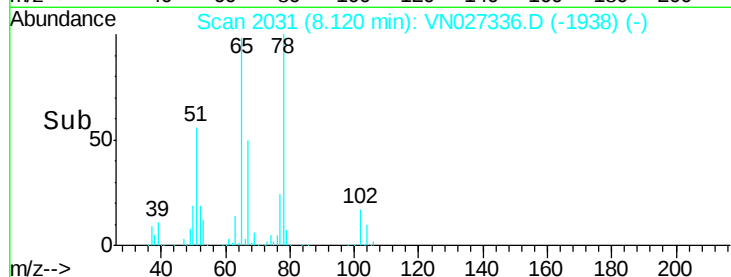
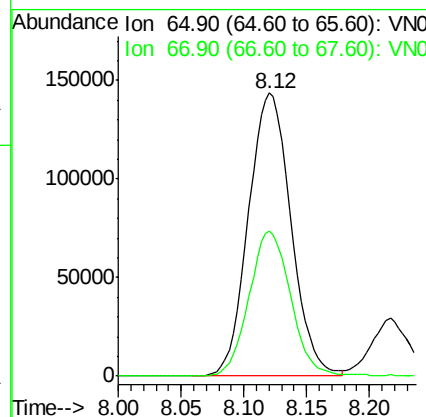
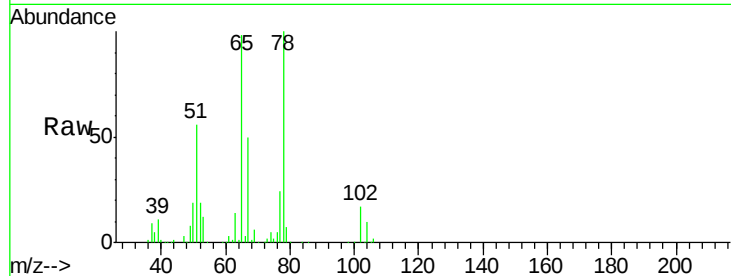
#34
 1,2-Dichloroethane-d4
 Concen: 42.61 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.9	0.0	110.6	

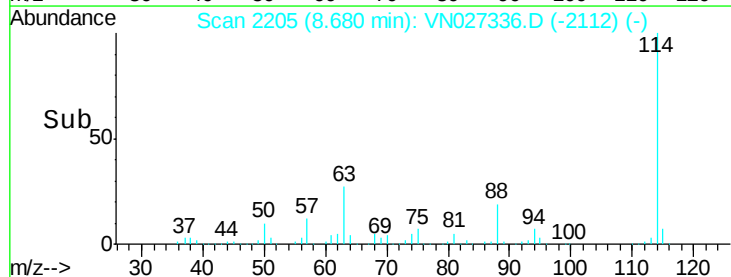
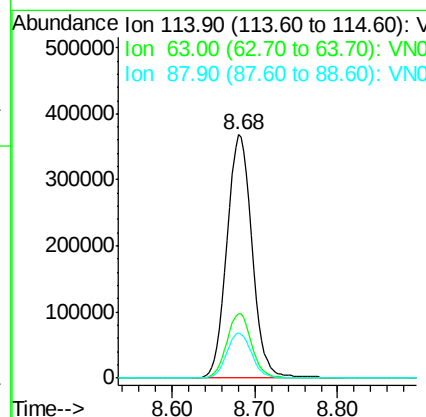
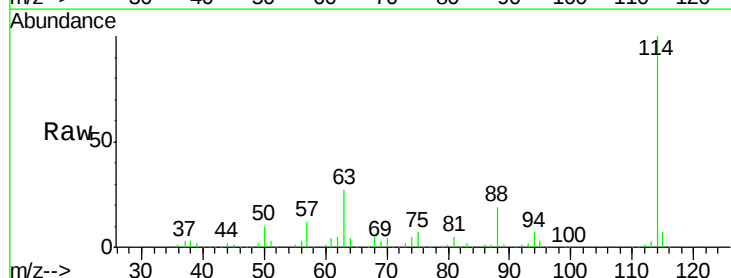
Manual Integrations
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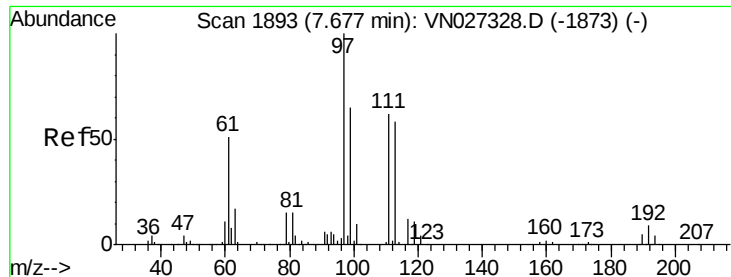
MMDadoda
 9/23/2015 12:25:30 PM



#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	26.6	0.0	48.8	
88	18.7	0.0	32.2	





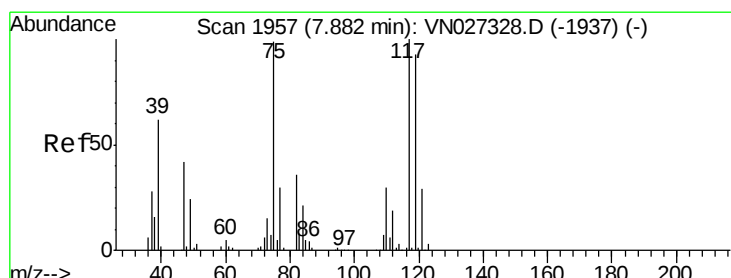
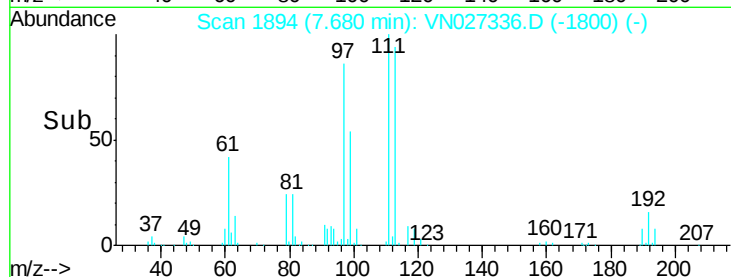
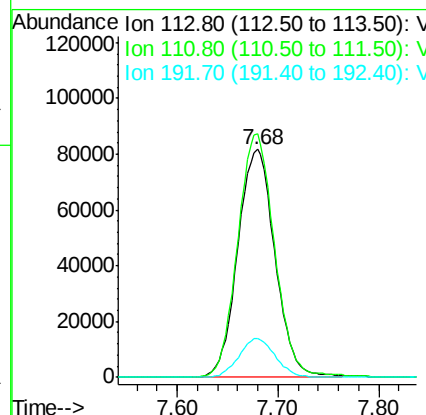
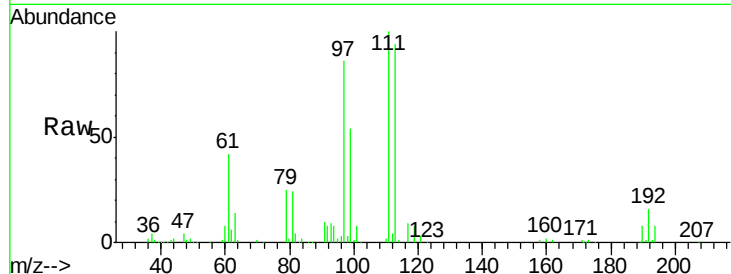
#36
 Dibromofluoromethane
 Concen: 41.34 ug/l
 RT: 7.68 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK

Tot Ion	Ratio	Resp	Lower	Upper
113	100	209804		
111	105.1	83.0	124.4	
192	16.7	14.1	21.1	

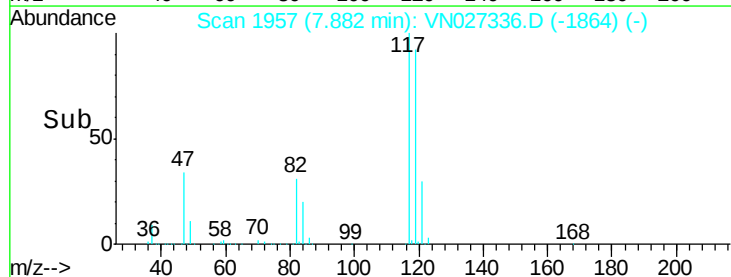
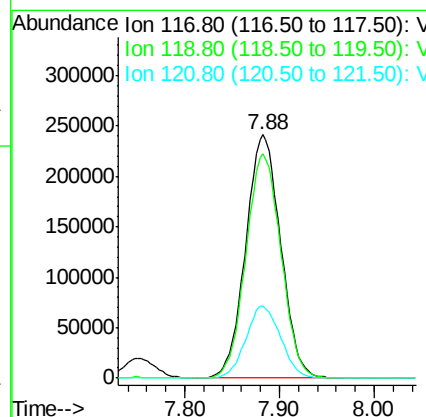
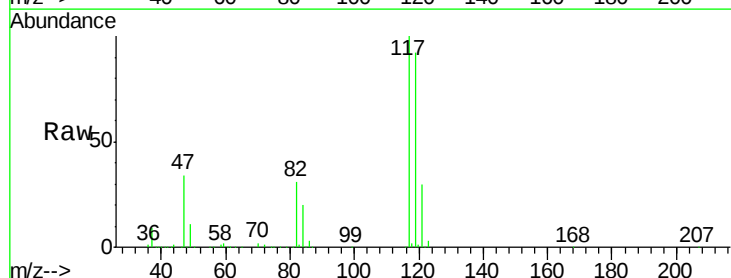
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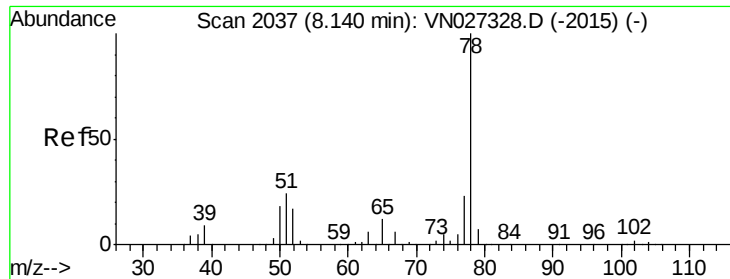
MMDadoda
 9/23/2015 12:25:30 PM



#39
 Carbon Tetrachloride
 Concen: 78.25 ug/l
 RT: 7.88 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	617255		
119	92.2	75.3	112.9	
121	29.7	23.8	35.8	





#41

Benzene

Concen: 36.56 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

Instrument :

MSVOA_N

ClientSampleId :

FIELDBLANK

Tot Ion: 78 Resp: 889479

Ion Ratio Lower Upper

78 100

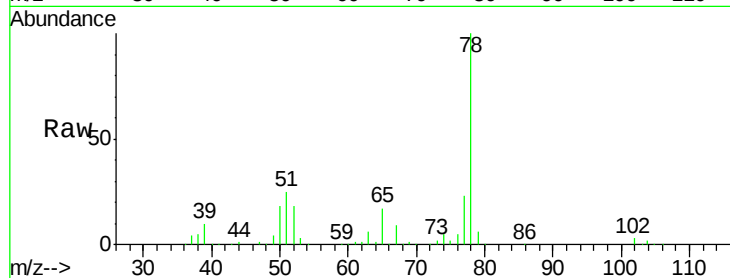
77 23.4 19.0 28.4

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.14

400000

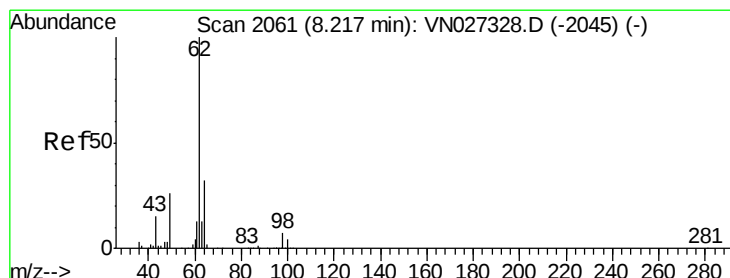
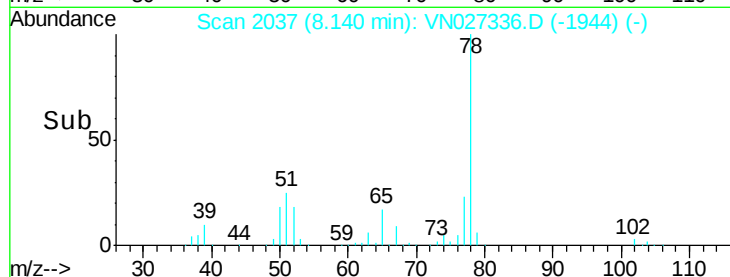
300000

200000

100000

0

Time-->



#43

1,2-Dichloroethane

Concen: 162.81 ug/l

RT: 8.22 min Scan# 2061

Delta R.T. 0.00 min

Lab File: VN027336.D

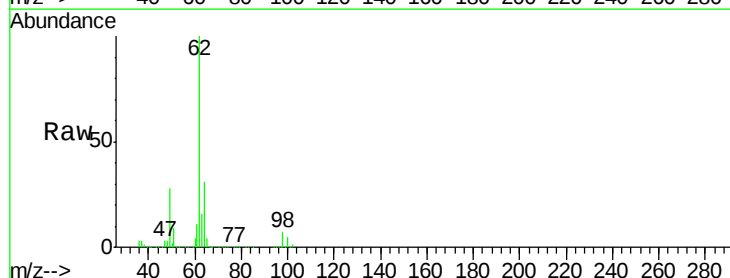
Acq: 21 Sep 2015 17:46

Tgt Ion: 62 Resp: 1614817

Ion Ratio Lower Upper

62 100

98 7.2 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

8.22

800000

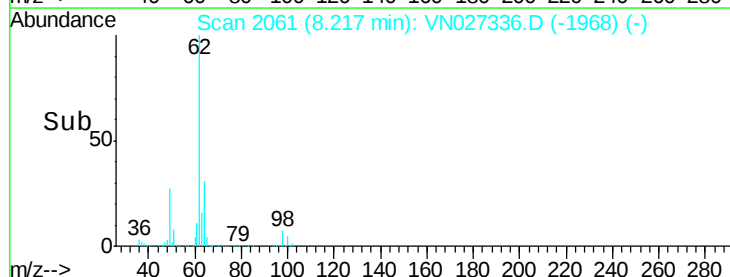
600000

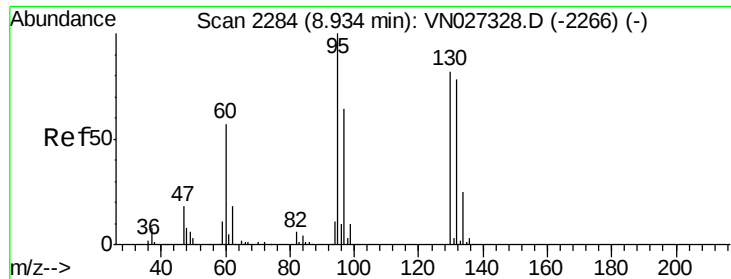
400000

200000

0

Time-->





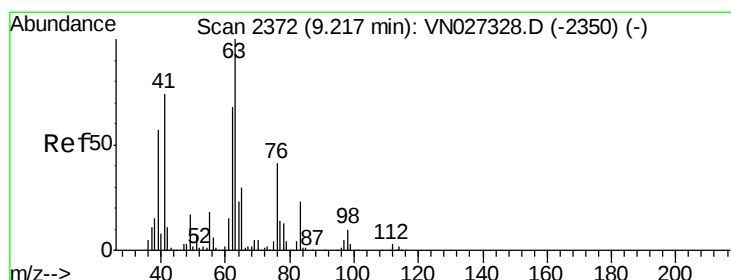
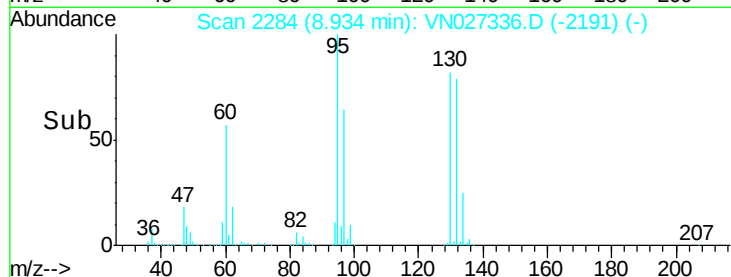
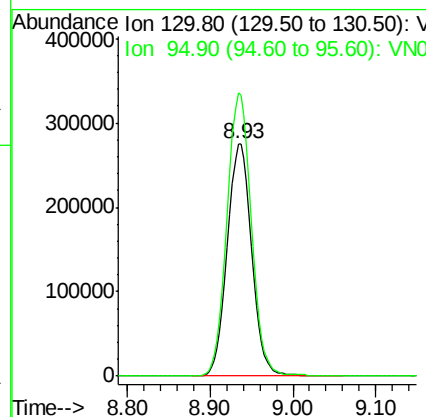
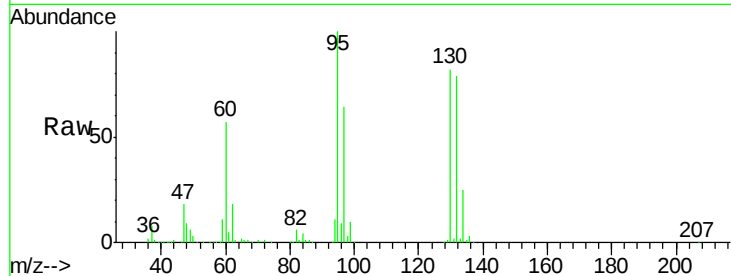
#45
 Trichloroethene
 Concen: 115.99 ug/l
 RT: 8.93 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK

Tot Ion	Ratio	Resp	Lower	Upper
130	100	565331		
95	121.7	0.0	222.2	

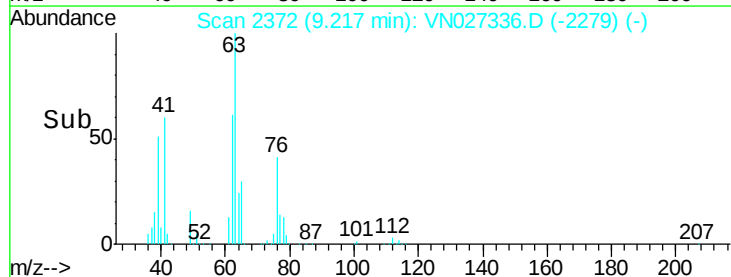
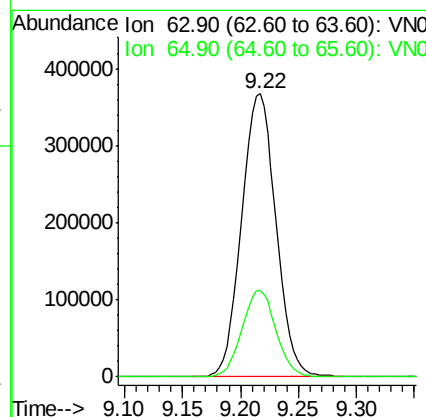
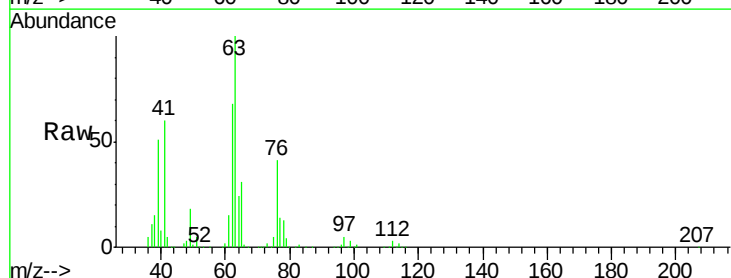
Manual Integrations
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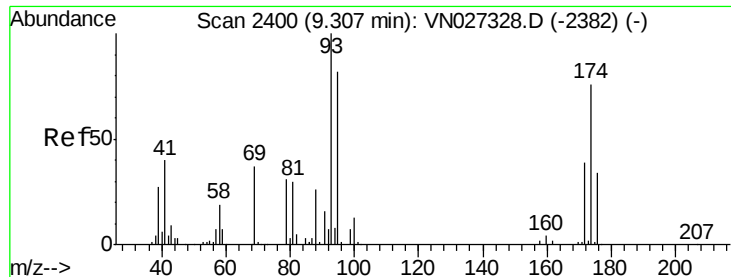
MMDadoda
 9/23/2015 12:25:30 PM



#46
 1,2-Dichloropropane
 Concen: 111.27 ug/l
 RT: 9.22 min Scan# 2372
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	757708		
65	30.7	24.4	36.6	





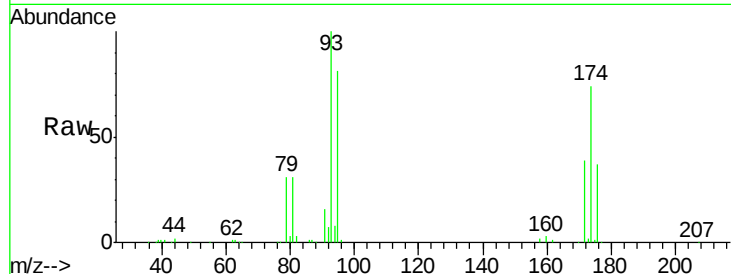
#47
Dibromomethane
Concen: 45.47 ug/l
RT: 9.31 min Scan# 2400
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Instrument :
MSVOA_N
ClientSampleId :
FIELDBLANK

Tot Ion	Ratio	Lower	Upper
93	100		
95	79.1	66.3	99.5
174	72.8	67.8	101.6

Manual Integrations
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9/23/2015 12:25:30 PM

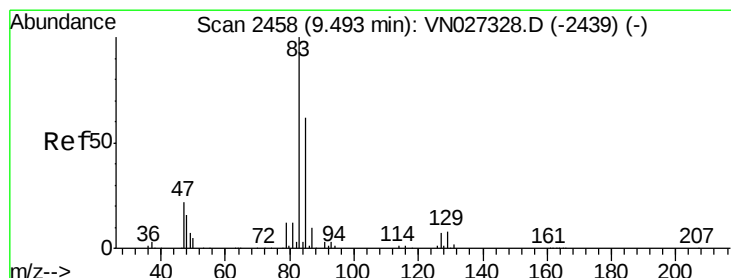
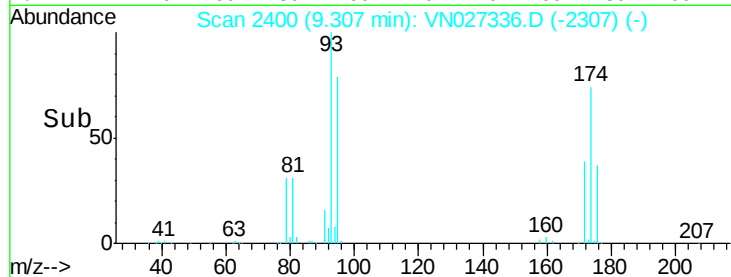
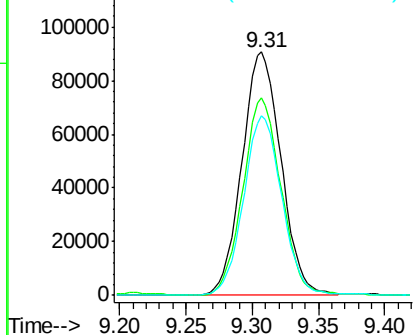


Abundance

Ion 92.80 (92.50 to 93.50): VN0

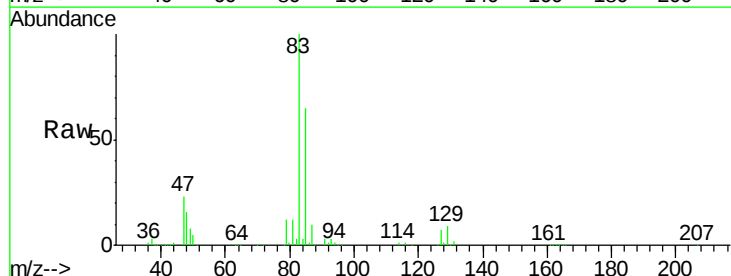
Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



#48
Bromodichloromethane
Concen: 58.96 ug/l
RT: 9.49 min Scan# 2458
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.7	76.1
127	6.8	5.5	8.3

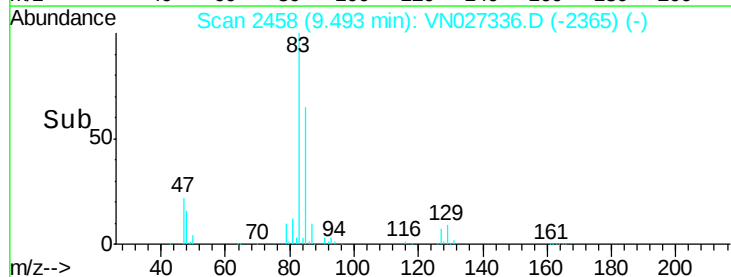
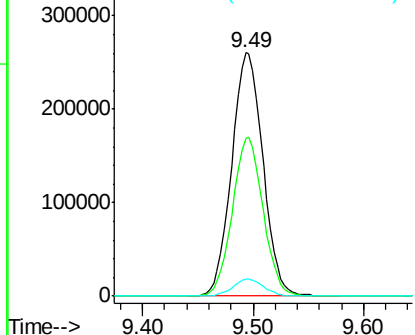


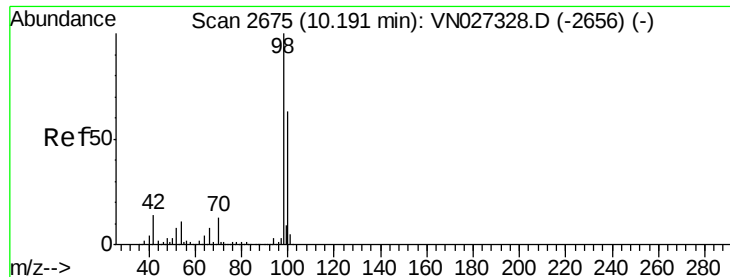
Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V





#51

Toluene-d8

Concen: 41.13 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

Instrument :

MSVOA_N

ClientSampled :

FIELDBLANK

Tot Ion: 98 Resp: 807047

Ion Ratio Lower Upper

98 100

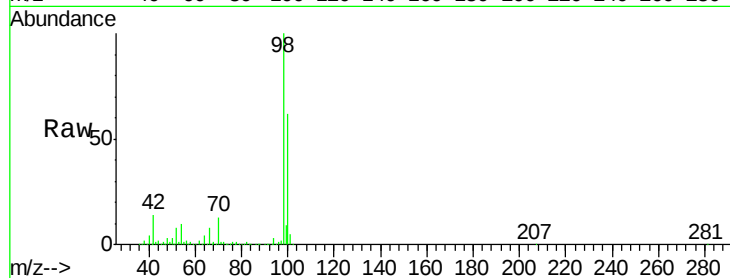
100 62.5 50.5 75.7

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.19

400000

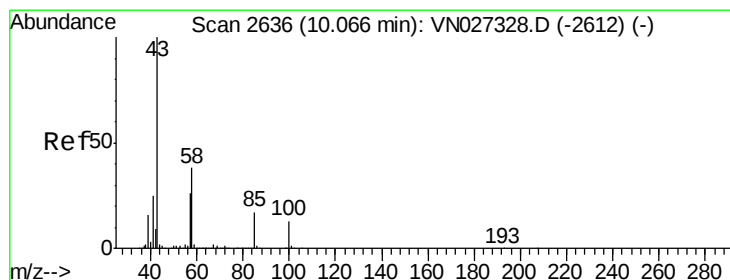
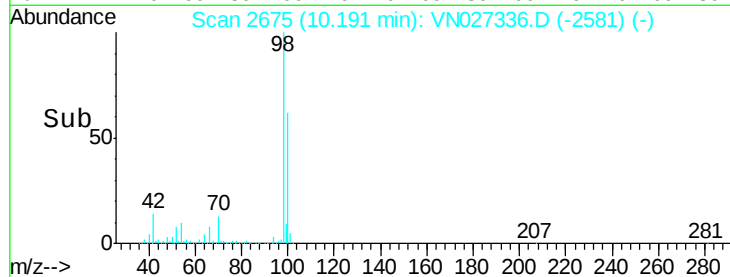
300000

200000

100000

0

Time-->



#52

4-Methyl-2-Pentanone

Concen: 33.67 ug/l

RT: 10.07 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VN027336.D

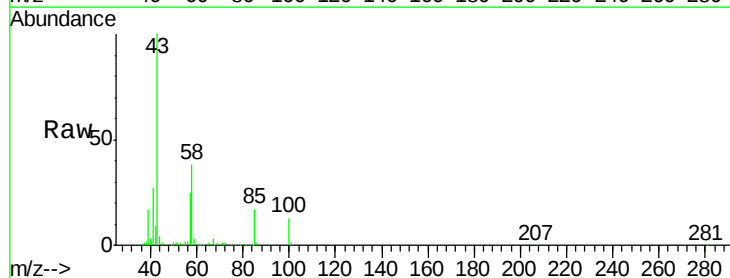
Acq: 21 Sep 2015 17:46

Tgt Ion: 43 Resp: 214253

Ion Ratio Lower Upper

43 100

58 38.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

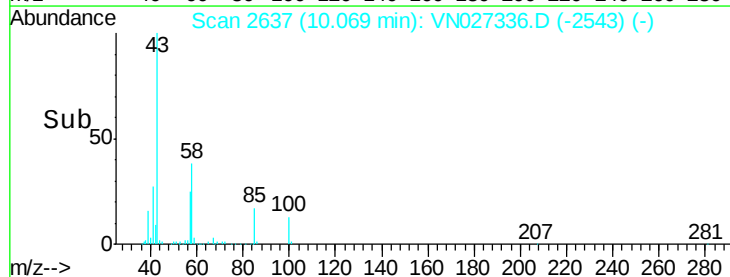
10.07

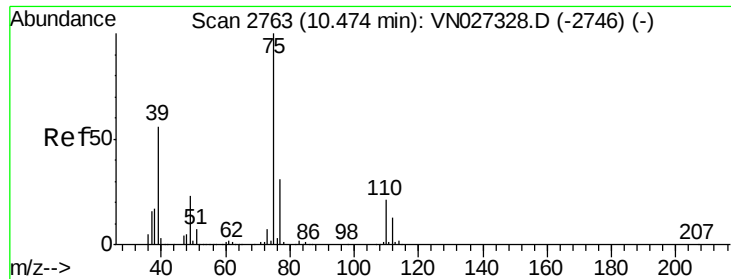
100000

50000

0

Time-->





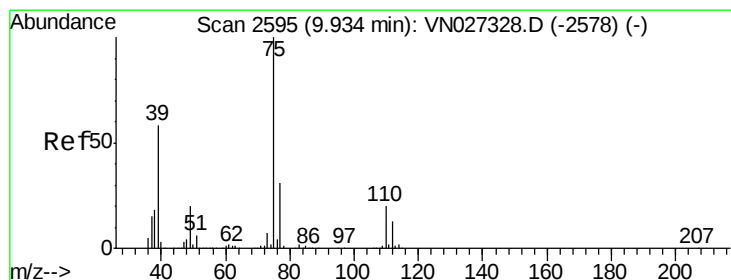
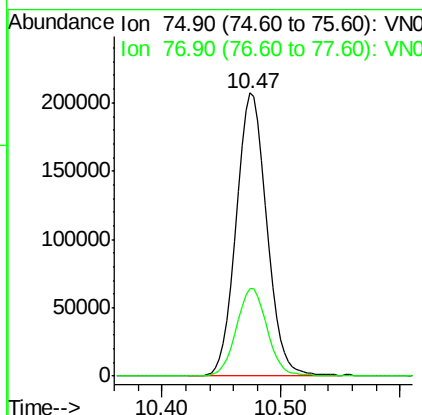
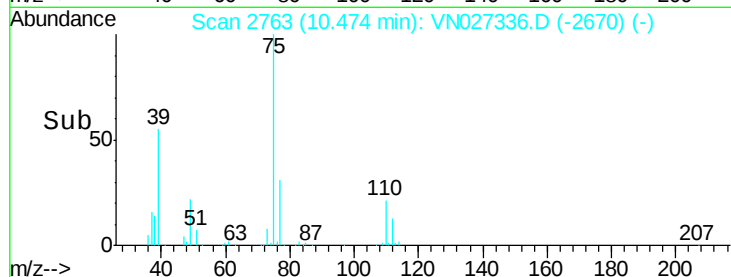
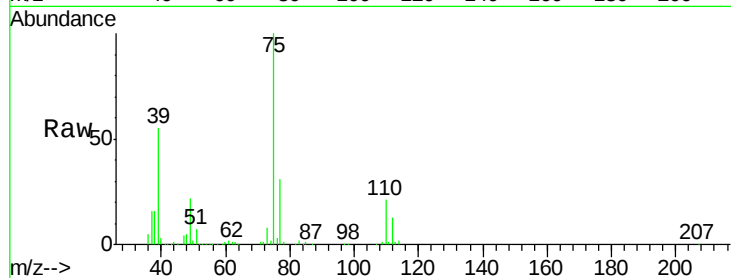
#54
 t-1,3-Dichloropropene
 Concen: 39.98 ug/l
 RT: 10.47 min Scan# 2763
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.2

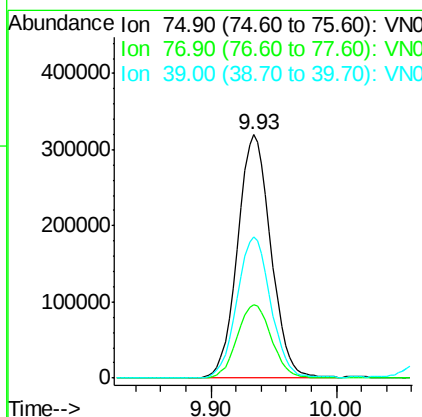
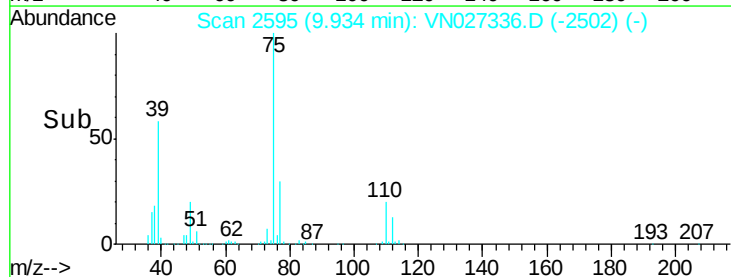
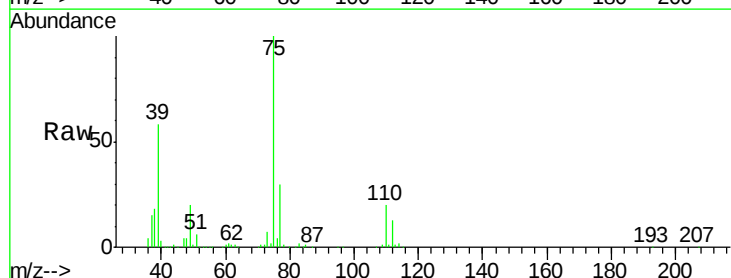
Manual Integrations
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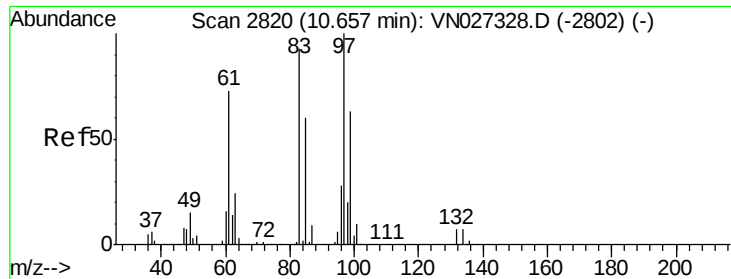
MMDadoda
 9/23/2015 12:25:30 PM



#55
 cis-1,3-Dichloropropene
 Concen: 58.10 ug/l
 RT: 9.93 min Scan# 2595
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.6	38.4
39	58.1	41.6	62.4





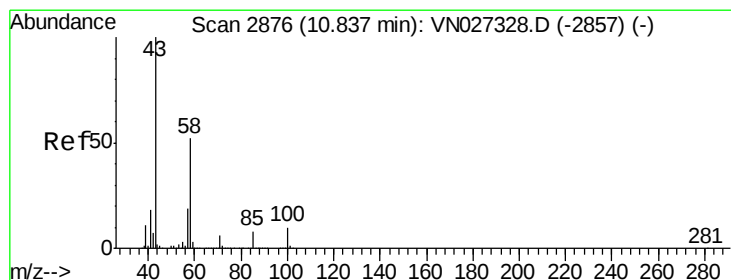
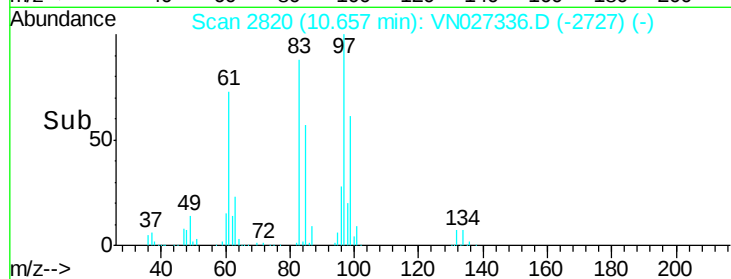
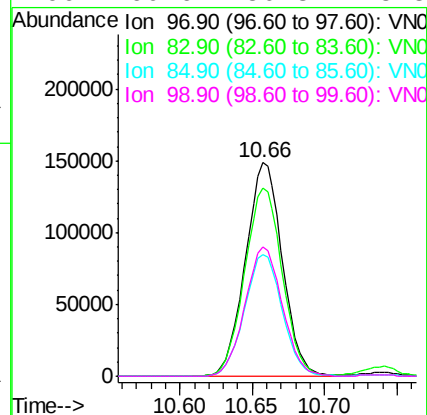
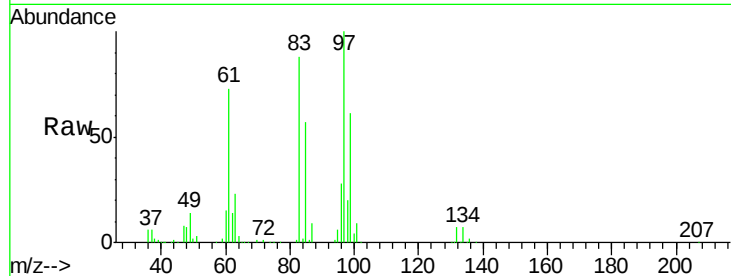
#56
 1,1,2-Trichloroethane
 Concen: 49.15 ug/l
 RT: 10.66 min Scan# 2820
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.2	75.0	112.4
85	57.2	48.0	72.0
99	60.6	50.3	75.5

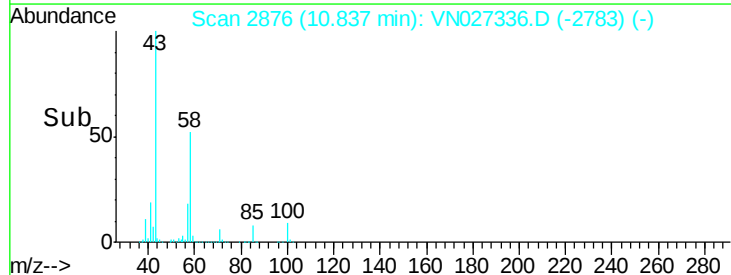
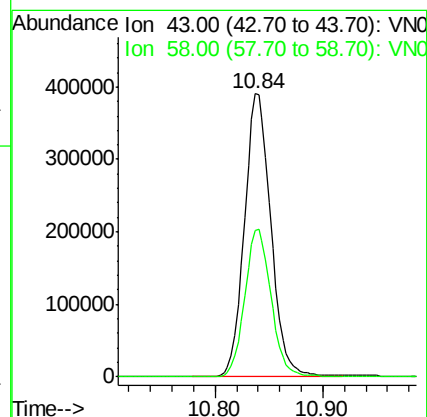
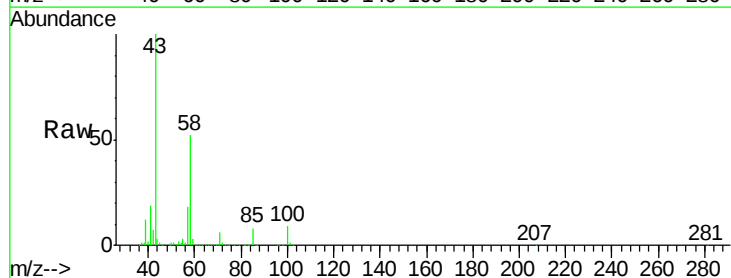
Manual Integrations
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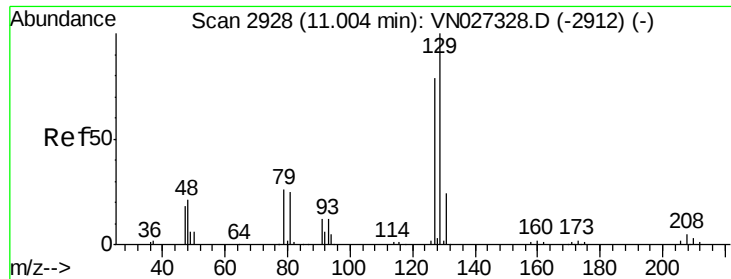
MMDadoda
 9/23/2015 12:25:30 PM



#60
 2-Hexanone
 Concen: 154.16 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.8	26.2	78.5





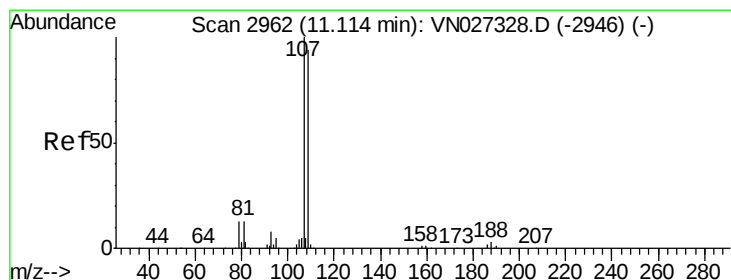
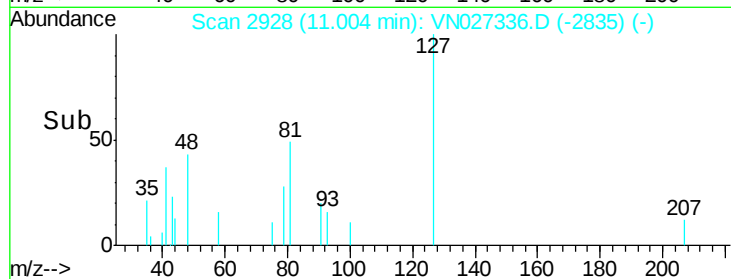
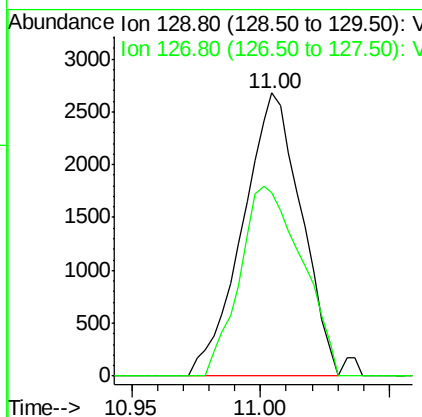
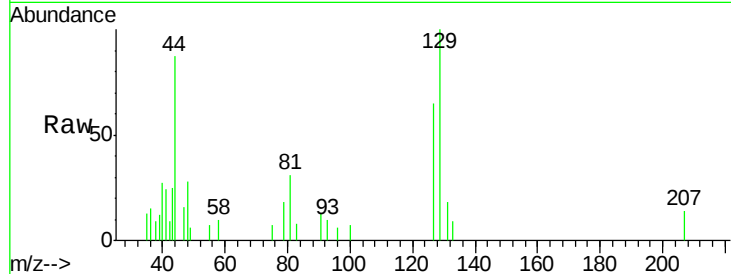
#61
 Dibromochloromethane
 Concen: 0.80 ug/l m
 RT: 11.00 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK

Tot Ion:129 Resp: 4224
 Ion Ratio Lower Upper
 129 100
 127 8.6 39.1 117.2#

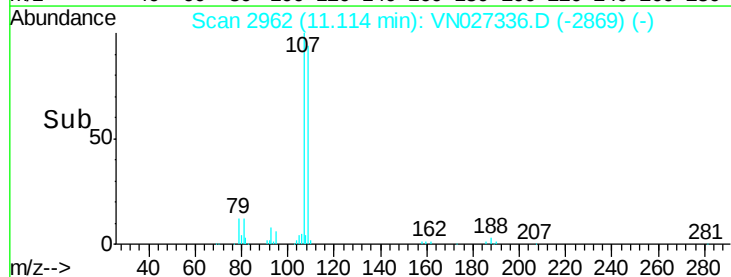
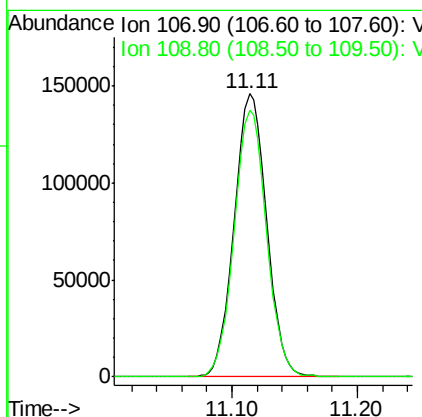
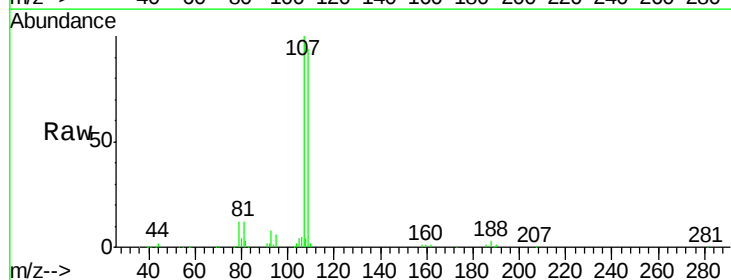
Manual Integrations
 APPROVED

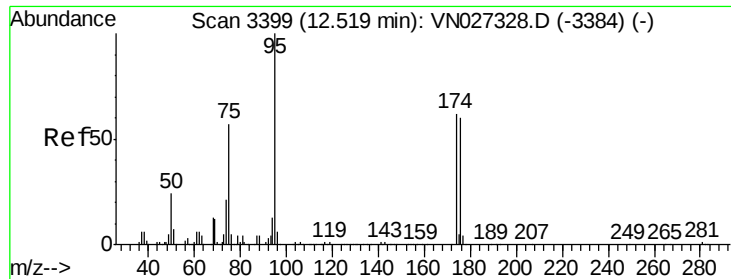
MMDadoda
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#62
 1,2-Dibromoethane
 Concen: 51.55 ug/l
 RT: 11.11 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Tgt Ion:107 Resp: 263095
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.6 113.4





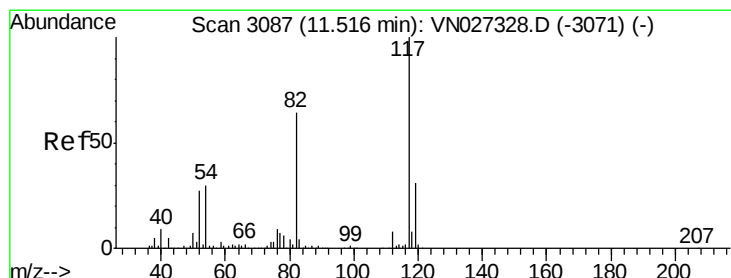
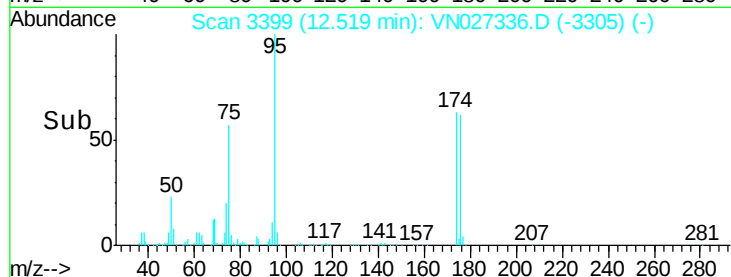
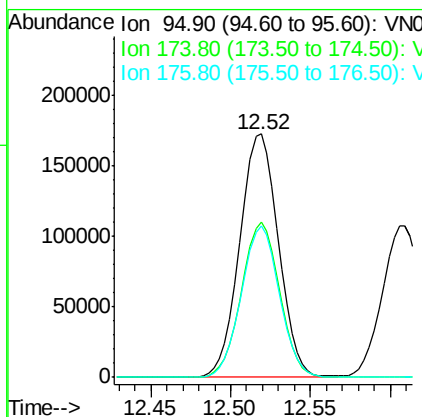
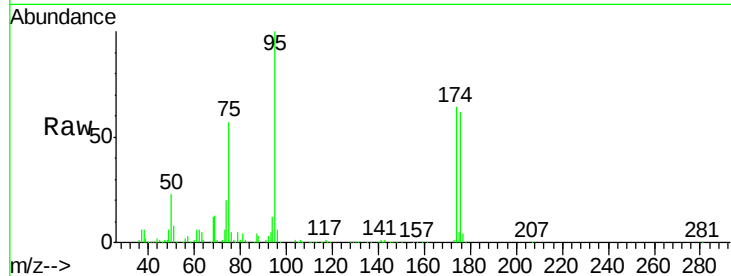
#63
4-Bromofluorobenzene
Concen: 39.99 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Instrument :
MSVOA_N
ClientSampleId :
FIELDBLANK

Tot Ion	Ratio	Resp	Lower	Upper
95	100	285060		
174	62.8	0.0	137.0	
176	61.2	0.0	130.8	

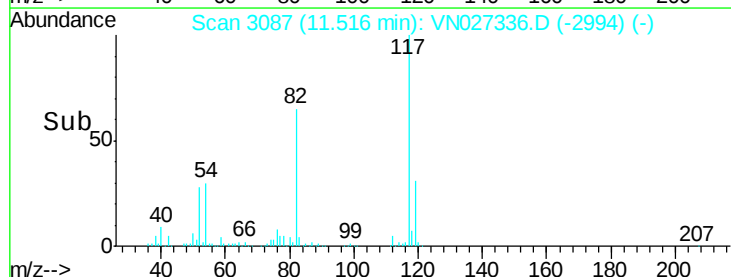
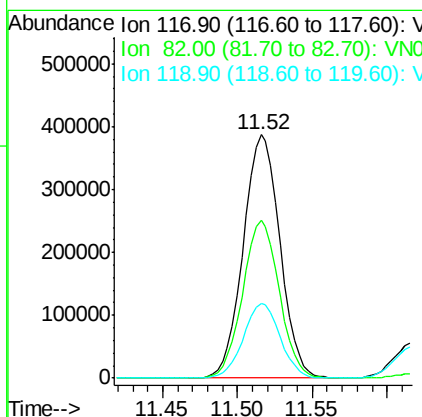
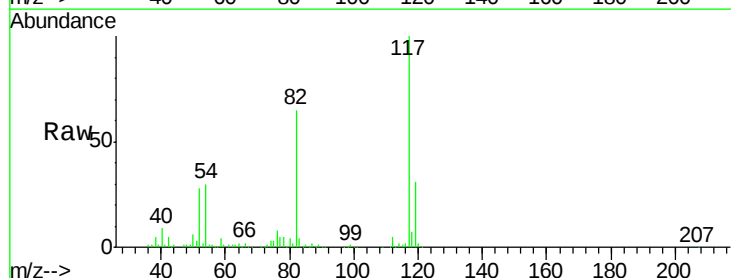
Manual Integrations
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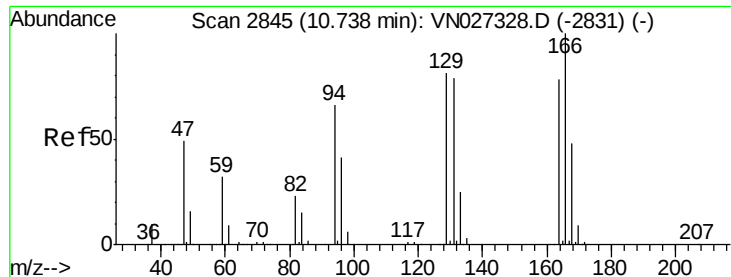
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#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	661953		
82	64.7	49.6	74.4	
119	30.6	24.6	36.8	





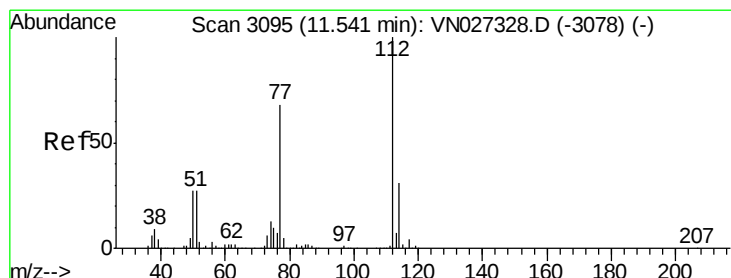
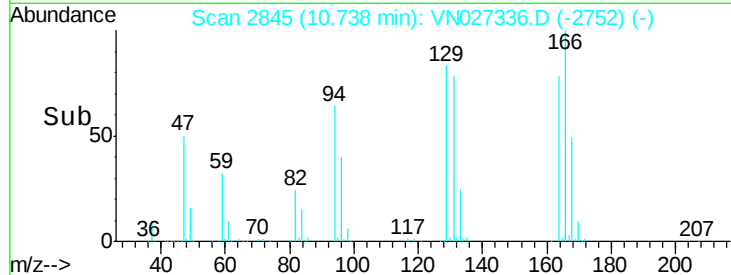
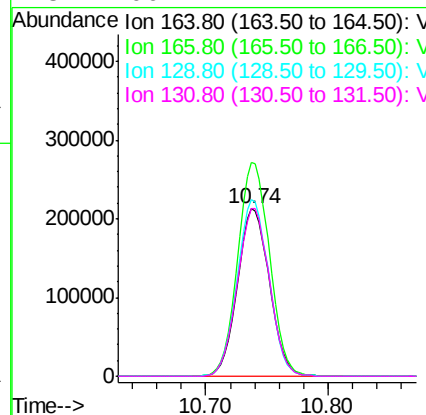
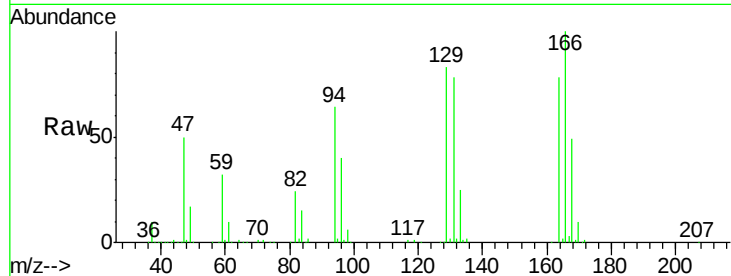
#65
Tetrachloroethene
Concen: 98.17 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Instrument :
MSVOA_N
ClientSampled :
FIELDBLANK

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.8	103.4	155.0	
129	105.6	77.5	116.3	
131	100.2	74.2	111.4	

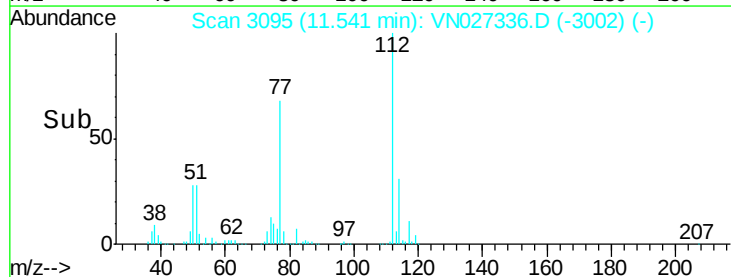
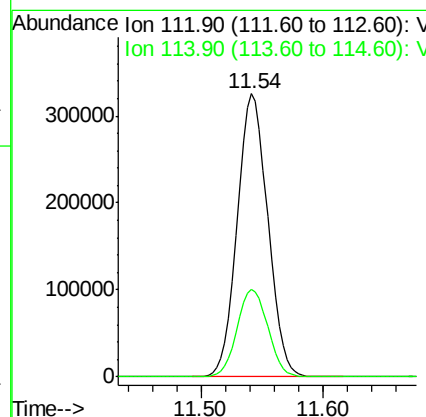
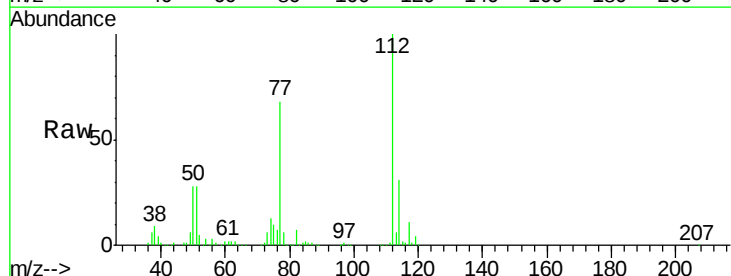
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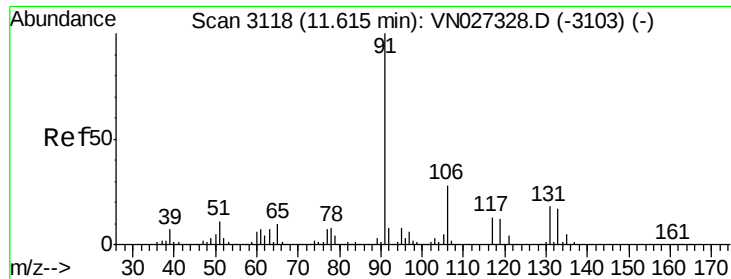
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#66
Chlorobenzene
Concen: 39.80 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	30.8	24.9	37.3	





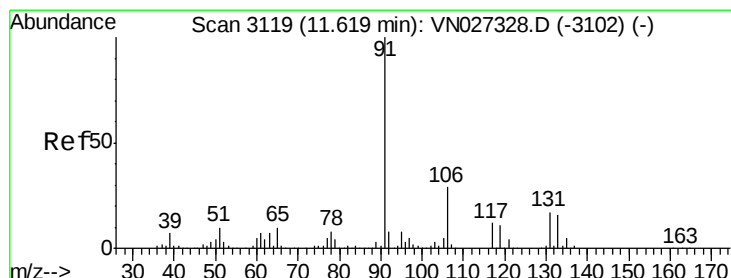
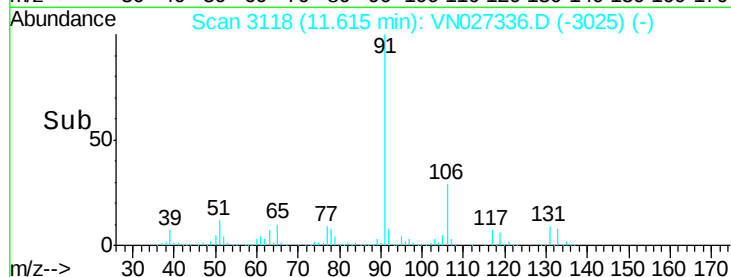
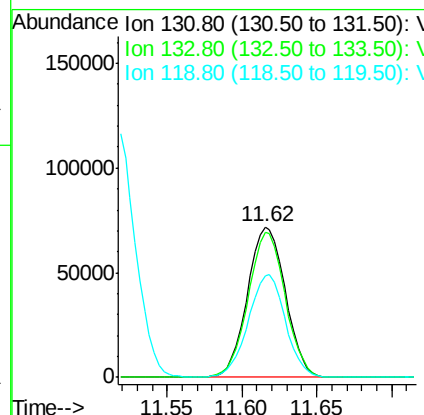
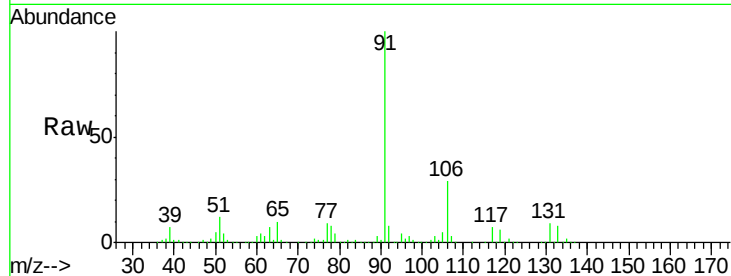
#67
 1,1,1,2-Tetrachloroethane
 Concen: 26.68 ug/l
 RT: 11.62 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK

Tot Ion	Ratio	Resp	Lower	Upper
131	100	127081		
133	94.4	47.0	141.2	
119	67.2	35.1	105.5	

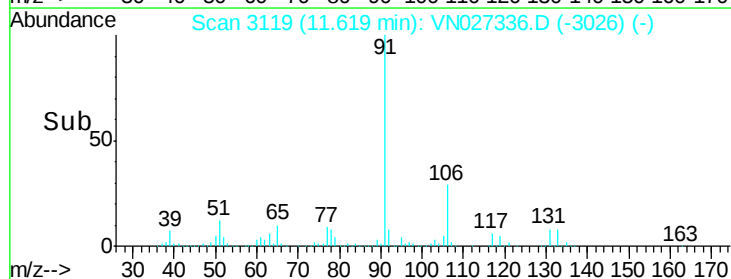
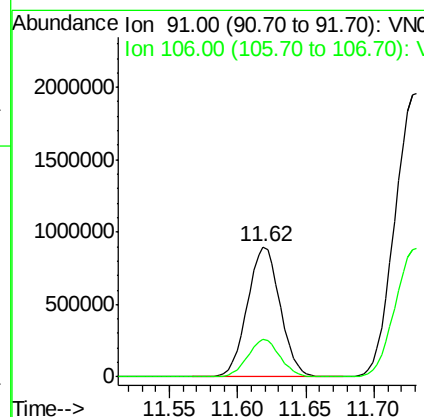
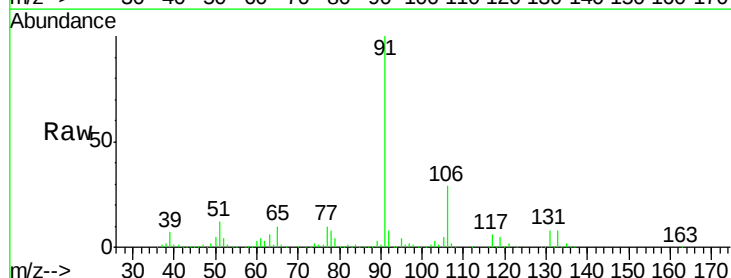
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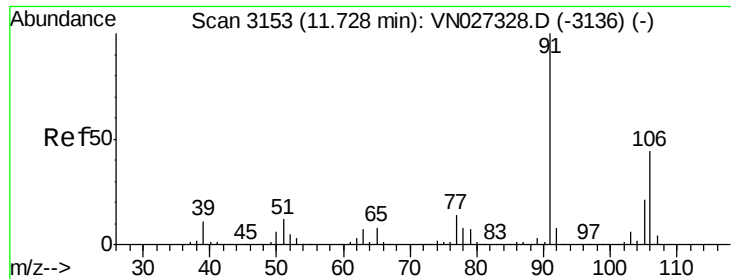
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#68
 Ethyl Benzene
 Concen: 55.93 ug/l
 RT: 11.62 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1497317		
106	29.3	23.1	34.7	





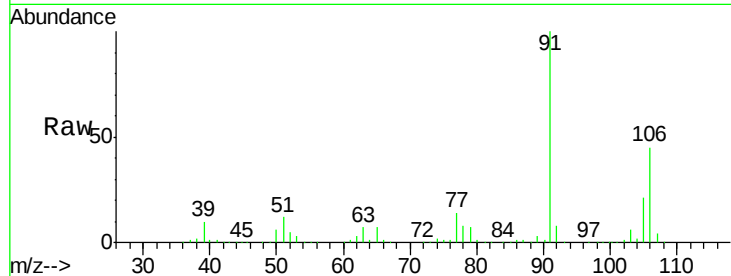
#69
m/p-Xylenes
Concen: 186.35 ug/l
RT: 11.73 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Instrument :
MSVOA_N
ClientSampled :
FIELDBLANK

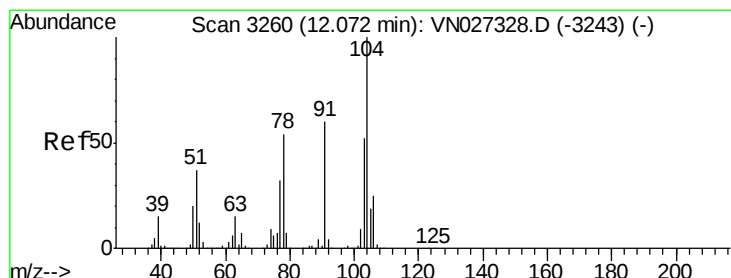
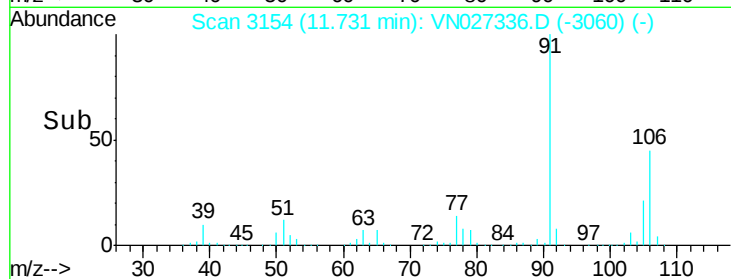
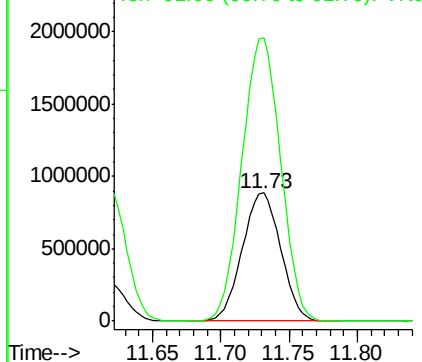
Tot Ion:106 Resp: 1729516
Ion Ratio Lower Upper
106 100
91 222.9 167.1 250.7

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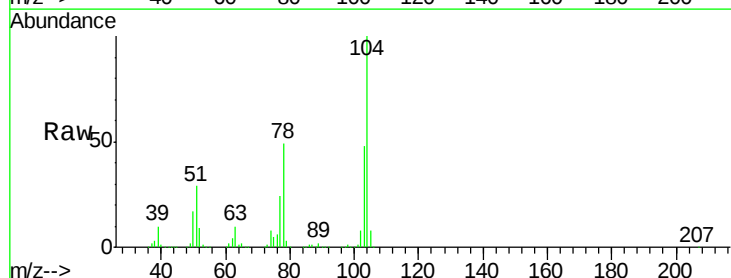


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

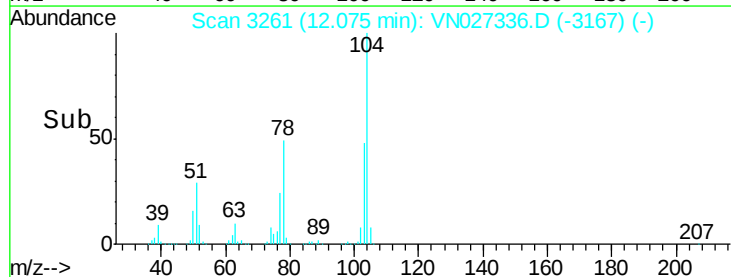
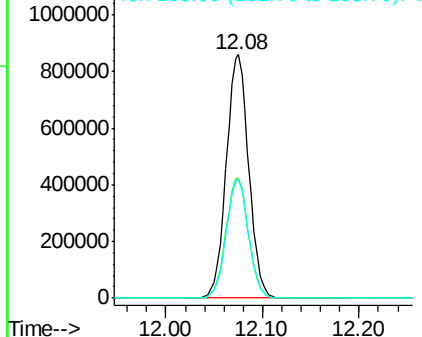


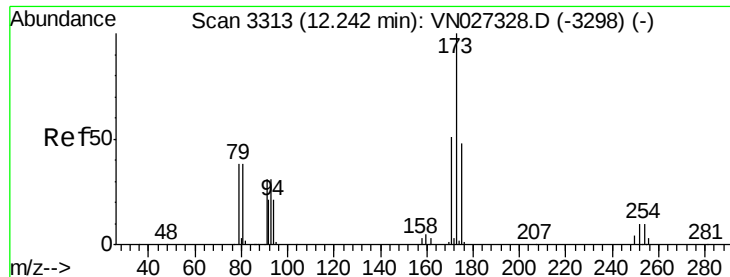
#71
Styrene
Concen: 92.36 ug/l
RT: 12.08 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN027336.D
Acq: 21 Sep 2015 17:46

Tgt Ion:104 Resp: 1378963
Ion Ratio Lower Upper
104 100
78 49.3 41.6 62.4
103 48.3 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#72

Bromoform

Concen: 44.12 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

Instrument :

MSVOA_N

ClientSampled :

FIELDBLANK

Tot Ion:173 Resp: 140977

Ion Ratio Lower Upper

173 100

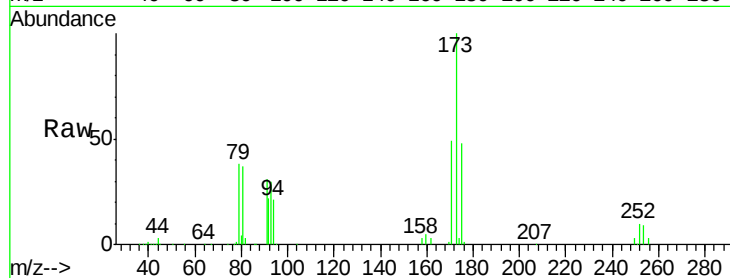
175 48.4 24.4 73.4

254 0.1 0.1 0.1

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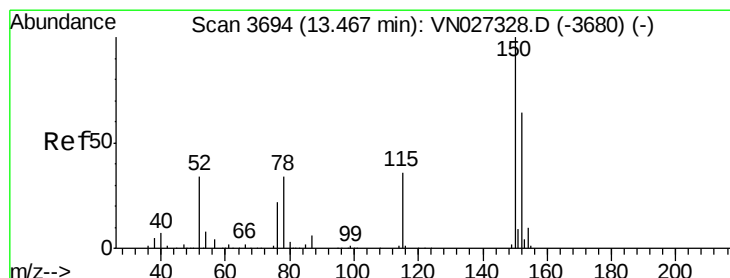
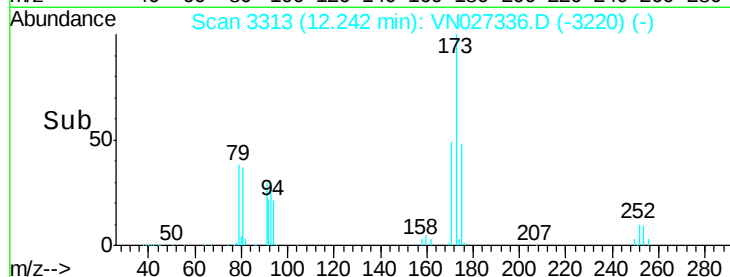
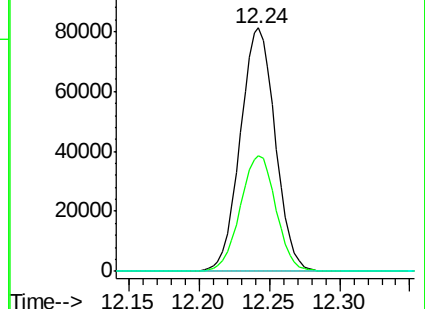
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

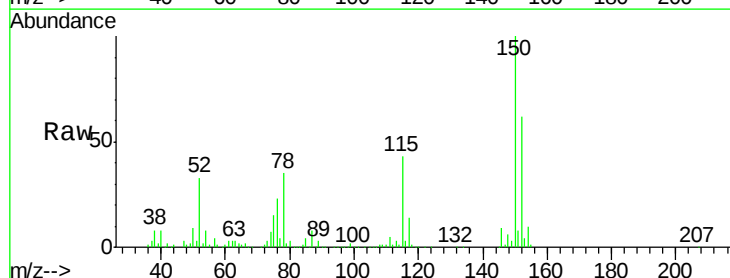
Tgt Ion:152 Resp: 253614

Ion Ratio Lower Upper

152 100

115 69.1 30.8 92.3

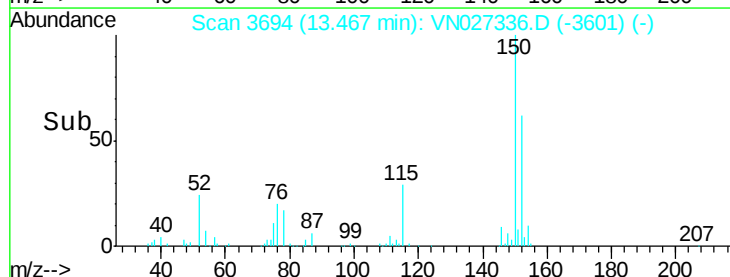
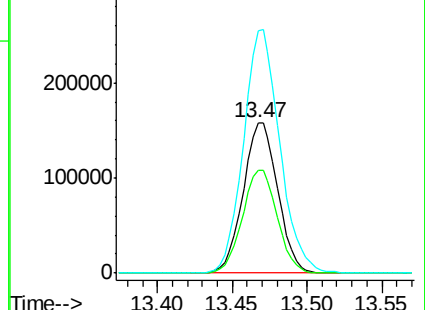
150 170.5 0.0 345.0

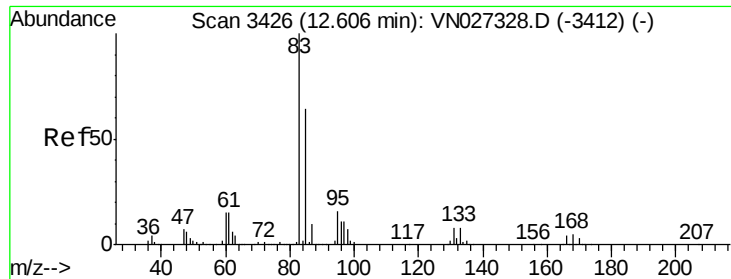


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,1,2,2-Tetrachloroethane

Concen: 155.16 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

Instrument :

MSVOA_N

ClientSampled :

FIELDBLANK

Tot Ion: 83 Resp: 1109700

Ion Ratio Lower Upper

83 100

131 8.2 4.1 12.3

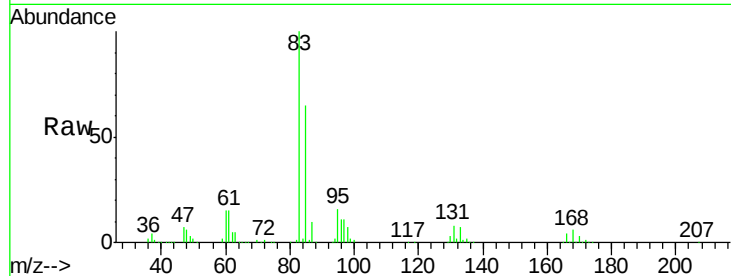
85 64.9 31.9 95.7

Manual Integrations

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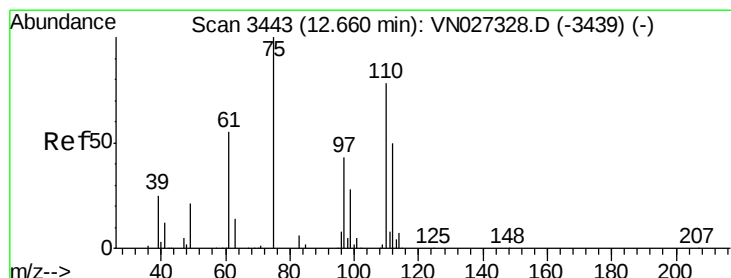
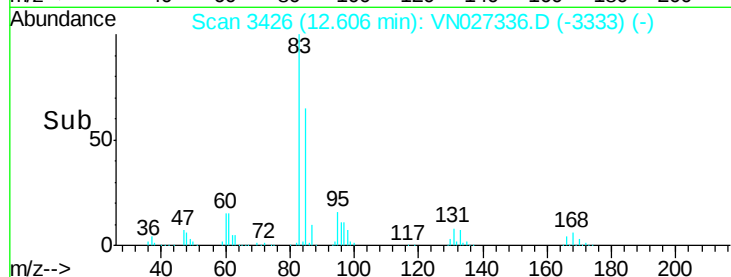
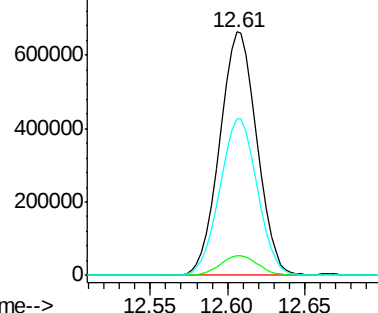
9/23/2015 12:25:30 PM



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#77

1,2,3-Trichloropropane

Concen: 32.49 ug/l

RT: 12.66 min Scan# 3444

Delta R.T. 0.00 min

Lab File: VN027336.D

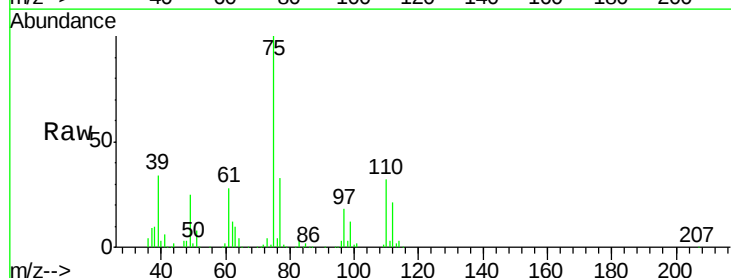
Acq: 21 Sep 2015 17:46

Tgt Ion: 75 Resp: 206898

Ion Ratio Lower Upper

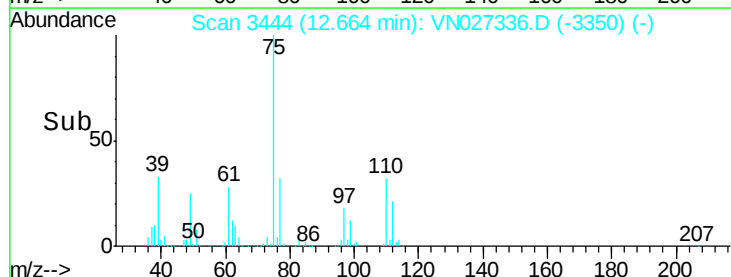
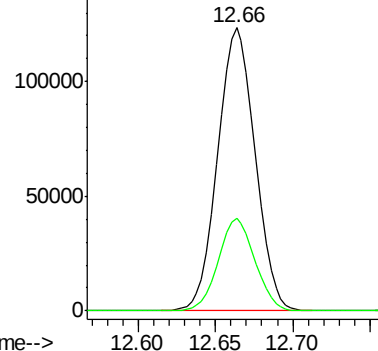
75 100

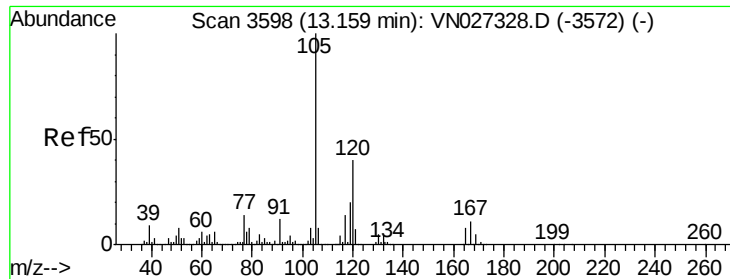
77 32.2 103.1 309.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





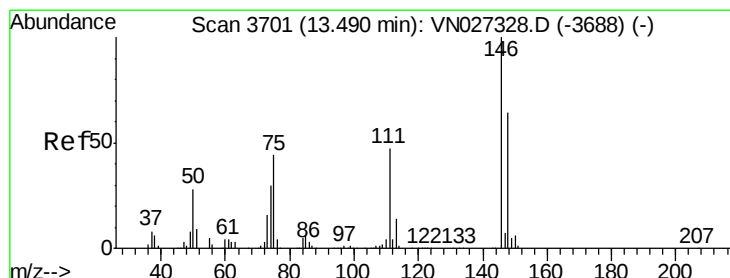
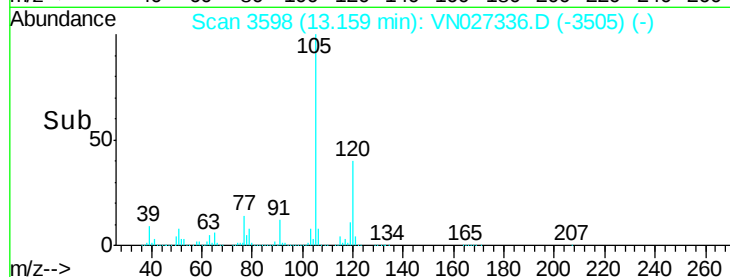
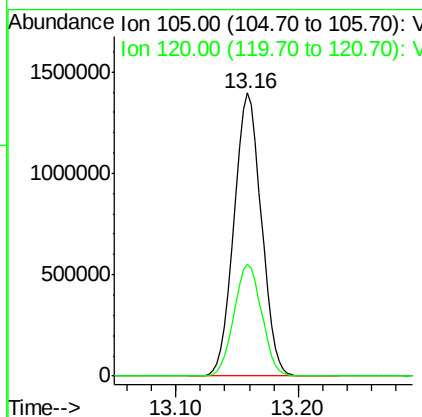
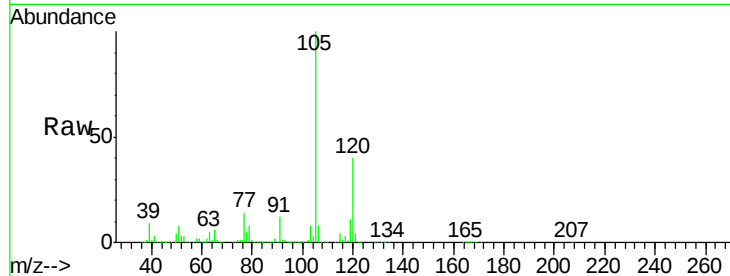
#85
 1,2,4-Trimethylbenzene
 Concen: 106.38 ug/l
 RT: 13.16 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK

Tot Ion:105 Resp: 2172811
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.9 65.5

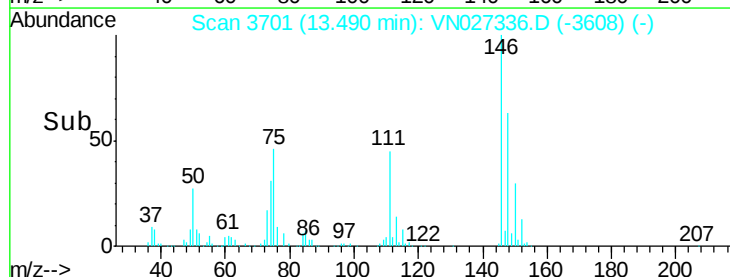
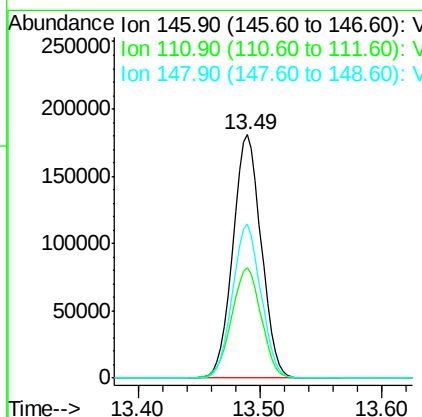
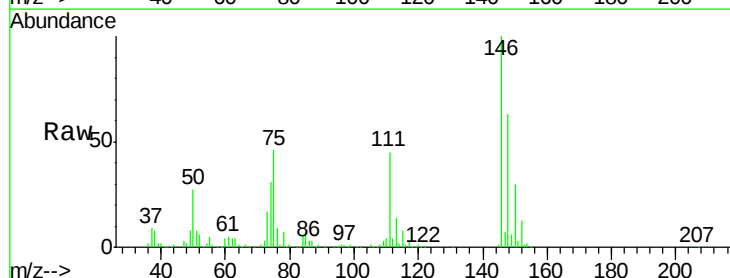
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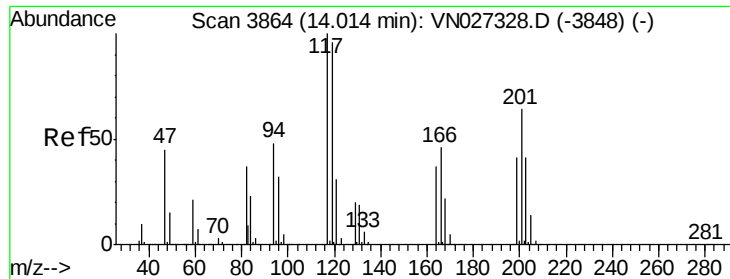
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#89
 1,4-Dichlorobenzene
 Concen: 33.63 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Tgt Ion:146 Resp: 291979
 Ion Ratio Lower Upper
 146 100
 111 47.3 19.9 59.6
 148 63.3 31.7 95.1





#91

Hexachloroethane

Concen: 1.78 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

Instrument :

MSVOA_N

ClientSampled :

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Tot Ion:117 Resp: 7056

Ion Ratio Lower Upper

117 100

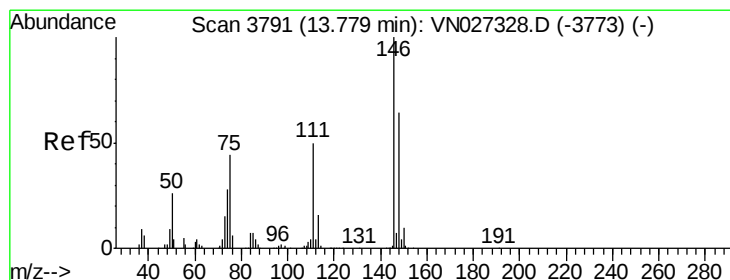
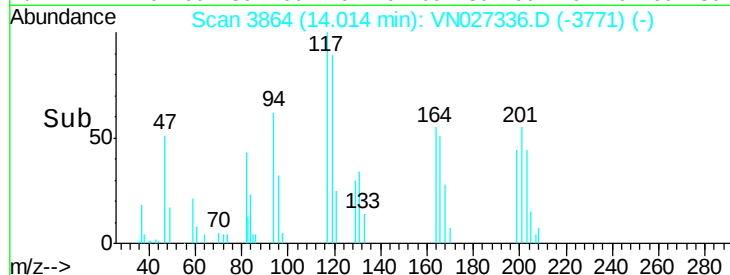
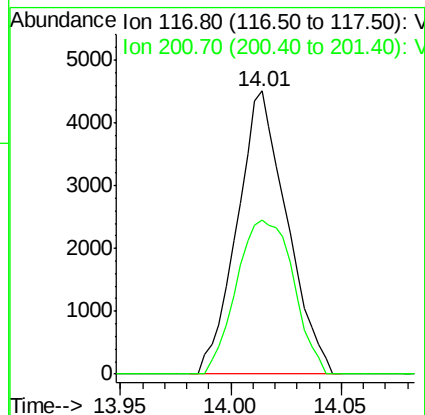
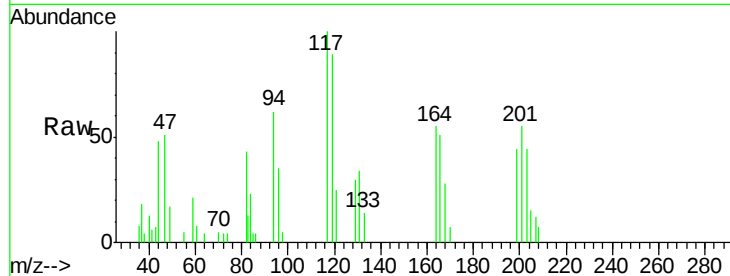
201 61.9 34.9 104.7

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#92

1,2-Dichlorobenzene

Concen: 41.52 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

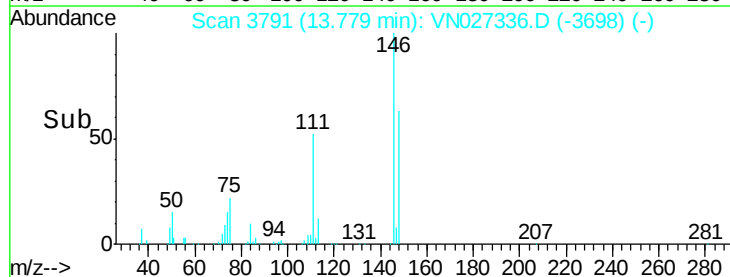
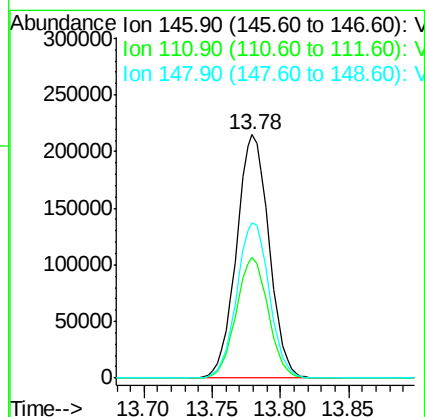
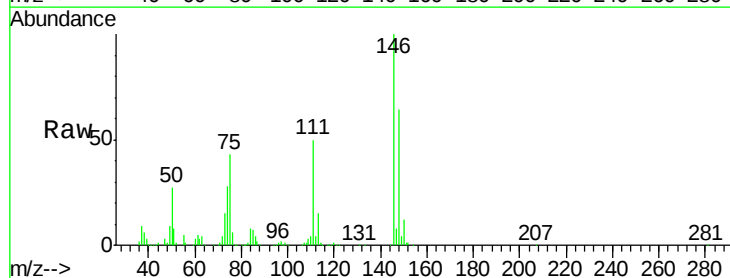
Tgt Ion:146 Resp: 355826

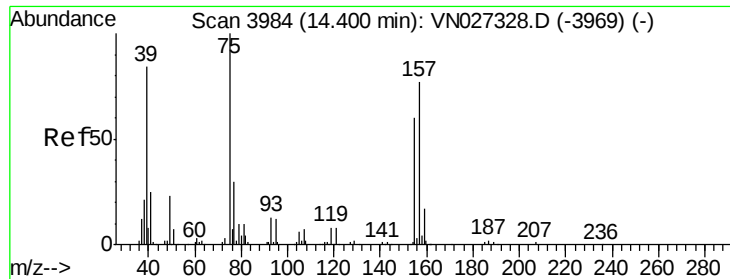
Ion Ratio Lower Upper

146 100

111 48.8 22.1 66.3

148 64.0 32.0 96.0





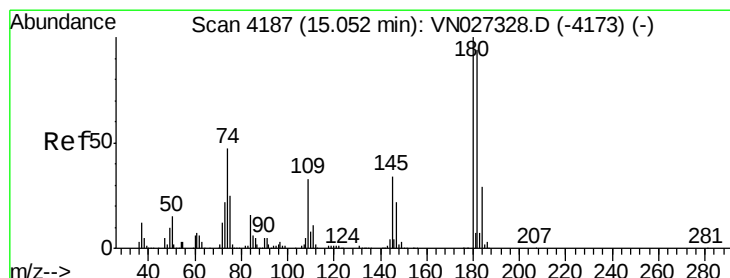
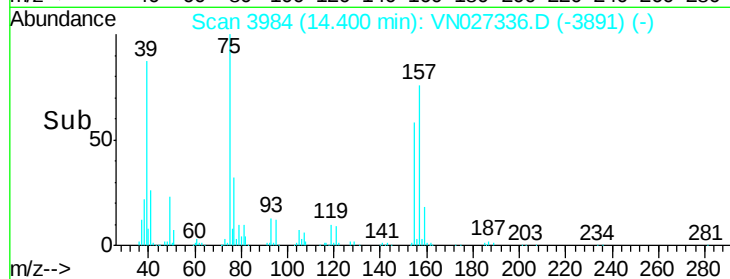
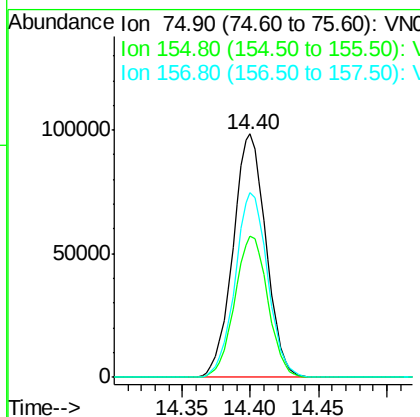
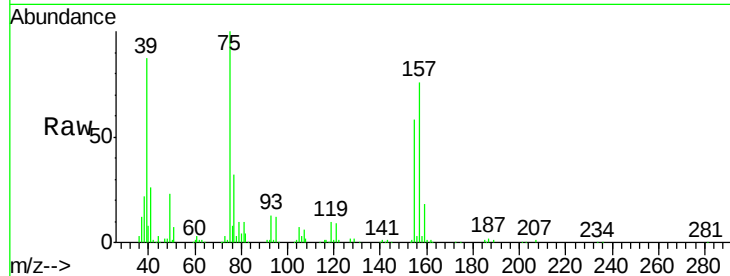
#93
 1,2-Dibromo-3-Chloropropane
 Concen: 117.88 ug/l
 RT: 14.40 min Scan# 3984
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
75	100		
155	58.3	35.6	106.9
157	74.9	44.6	133.8

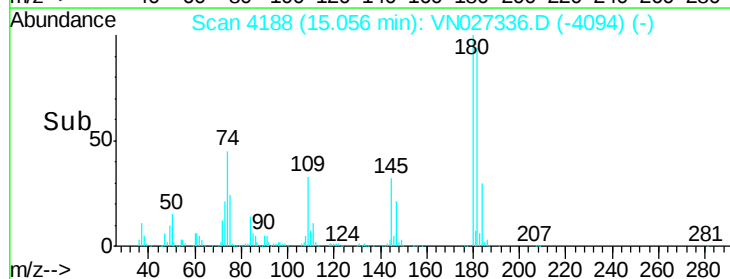
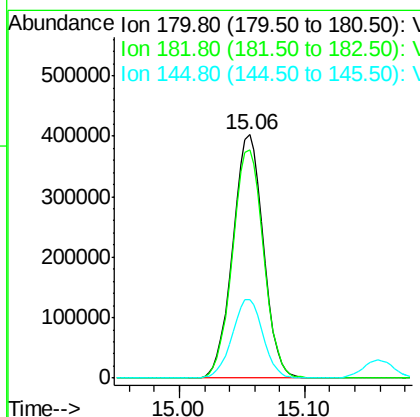
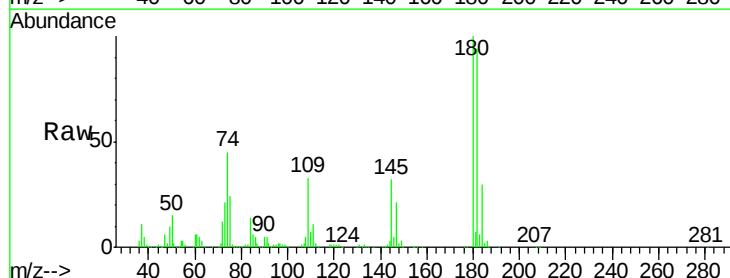
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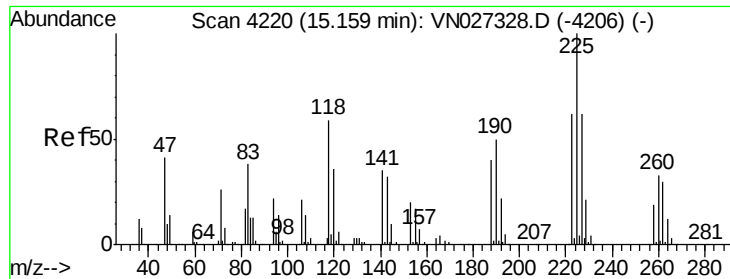
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#94
 1,2,4-Trichlorobenzene
 Concen: 153.71 ug/l
 RT: 15.06 min Scan# 4188
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.5
145	32.6	15.1	45.3





#95

Hexachlorobutadiene

Concen: 205.91 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027336.D

Acq: 21 Sep 2015 17:46

Instrument :

MSVOA_N

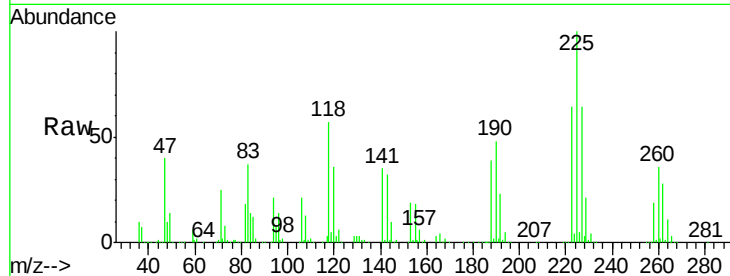
ClientSampleId :

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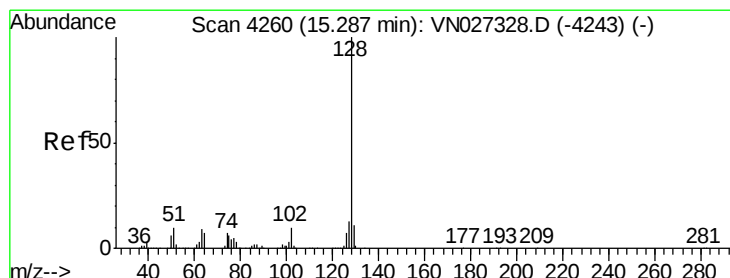
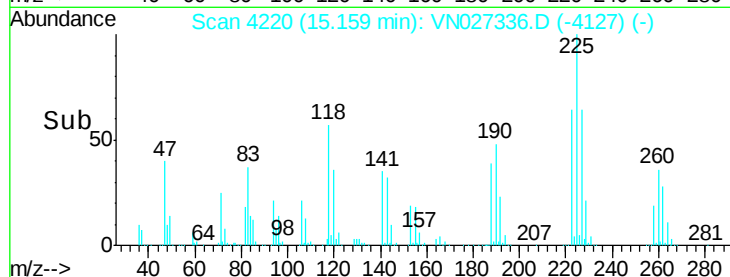
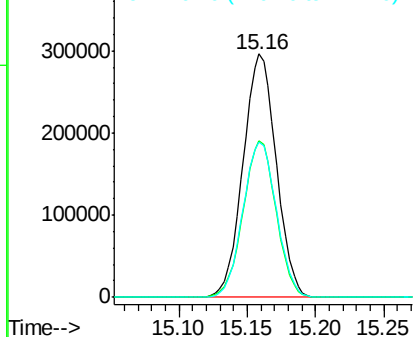
Tot Ion:	225	Resp:	499696
Ion Ratio		Lower	Upper
225	100		
223	63.8	30.8	92.3
227	64.6	31.7	95.1

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#96

Naphthalene

Concen: 94.47 ug/l

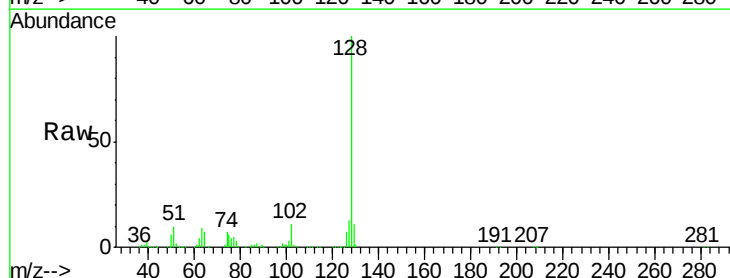
RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

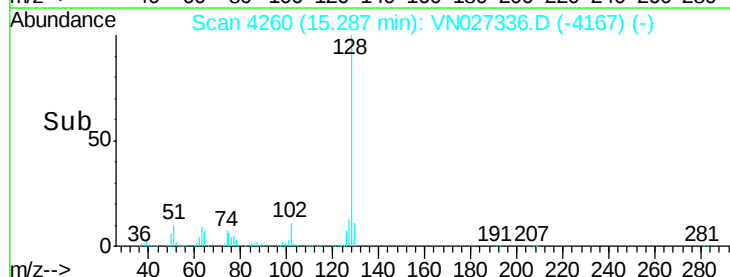
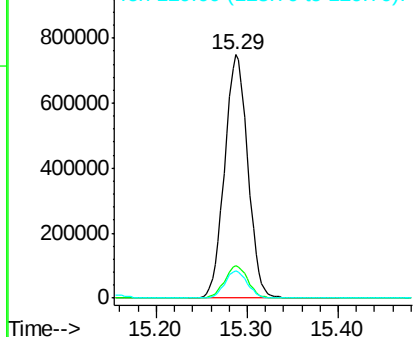
Lab File: VN027336.D

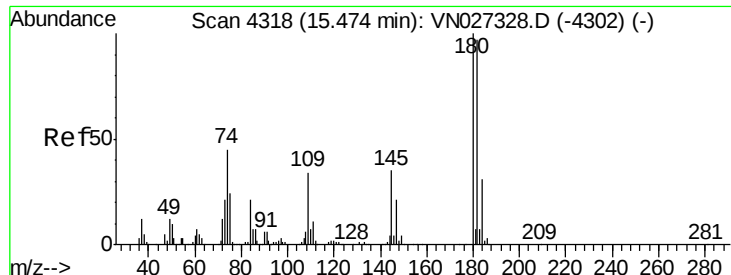
Acq: 21 Sep 2015 17:46

Tgt Ion:	128	Resp:	1331604
Ion Ratio		Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.0	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#97
 1,2,3-Trichlorobenzene
 Concen: 0.51 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027336.D
 Acq: 21 Sep 2015 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
180	100		
182	107.4	48.8	146.4
145	42.5	16.6	49.8

Manual Integrations
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