

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027264.D
 Acq On : 17 Sep 2015 19:22
 Operator : MD\FY
 Sample : G3704-12MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:23:36 PM

Quant Time: Sep 18 03:41:56 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	530873	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1019563	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	863946	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	328316	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	552851	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
36) Dibromofluoromethane	7.68	113	353906	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
51) Toluene-d8	10.19	98	1362031	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
63) 4-Bromofluorobenzene	12.52	95	482898	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	284749	44.83	ug/l	98
3) Chlorodifluoromethane	1.81	51	353626	48.11	ug/l	94
4) Chloromethane	2.01	50	317711	44.78	ug/l	99
5) Vinyl Chloride	2.14	62	359283	47.89	ug/l	99
6) Bromomethane	2.54	94	127359	35.08	ug/l	100
7) Chloroethane	2.68	64	236716	46.42	ug/l	99
8) Trichlorofluoromethane	3.02	101	528697	46.65	ug/l	99
9) Diethyl Ether	3.42	74	243639	46.72	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	328975	46.22	ug/l	96
11) Methyl Iodide	3.99	142	243420	35.19	ug/l	92
12) Tert butyl alcohol	4.80	59	249730	234.79	ug/l	100
13) 1,1-Dichloroethene	3.77	96	317417	46.57	ug/l	93
14) Acrolein	3.62	56	289548	231.73	ug/l	97
15) Allyl chloride	4.37	41	623070	45.25	ug/l #	83
16) Acrylonitrile	5.02	53	847218	243.58	ug/l	98
17) Acetone	3.82	43	659382	224.84	ug/l	98
18) Carbon Disulfide	4.11	76	956645	43.10	ug/l	100
19) Methyl Acetate	4.36	43	995482	46.87	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	1268371	46.35	ug/l	96
21) Methylene Chloride	4.60	84	386143	47.27	ug/l	99
22) trans-1,2-Dichloroethene	5.12	96	342298	46.43	ug/l	95
23) Diisopropyl ether	6.03	45	1348100	46.67	ug/l #	88
24) Vinyl Acetate	5.97	43	2228522	233.09	ug/l	98
25) 1,1-Dichloroethane	5.93	63	778465	46.39	ug/l	99
26) 2-Butanone	6.91	43	1038569	235.17	ug/l	95
27) 2,2-Dichloropropane	6.92	77	639790	43.94	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	415734	49.17	ug/l	99
29) Bromochloromethane	7.29	49	320900	49.27	ug/l	96
30) Tetrahydrofuran	7.31	42	668255	219.56	ug/l	89
31) Chloroform	7.46	83	745900	49.20	ug/l	98
32) Cyclohexane	7.77	56	722095	48.31	ug/l	95
33) 1,1,1-Trichloroethane	7.67	97	644378	47.66	ug/l	96
37) 1,1-Dichloropropene	7.89	75	555070	46.51	ug/l	99
38) Ethyl Acetate	7.02	43	465060	45.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	524525	46.75	ug/l	99
40) Methylcyclohexane	9.19	83	659933	45.41	ug/l	97
41) Benzene	8.14	78	1630887	46.83	ug/l	99
42) Methacrylonitrile	7.24	41	274299	47.54	ug/l	92
43) 1,2-Dichloroethane	8.22	62	651817	46.46	ug/l	95
44) Isopropyl Acetate	8.25	43	865231	45.37	ug/l	98
45) Trichloroethene	8.93	130	330454	47.25	ug/l	94
46) 1,2-Dichloropropane	9.22	63	458137	45.73	ug/l	98
47) Dibromomethane	9.30	93	270421	45.97	ug/l	94
48) Bromodichloromethane	9.49	83	579840	46.77	ug/l	100
49) Methyl methacrylate	9.29	41	428231	45.07	ug/l #	87
50) 1,4-Dioxane	9.30	88	100147	898.63	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	2305471	228.63	ug/l	99
53) Toluene	10.26	92	952449	46.69	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	630031	45.26	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	680148	44.91	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	367016	47.88	ug/l	97
57) Ethyl methacrylate	10.52	69	596281	46.16	ug/l #	89
58) 1,3-Dichloropropane	10.80	76	671909	47.22	ug/l	98
60) 2-Hexanone	10.84	43	1548955	225.61	ug/l	100
61) Dibromochloromethane	11.00	129	360437	46.04	ug/l	100
62) 1,2-Dibromoethane	11.11	107	352429	46.78	ug/l	99
65) Tetrachloroethene	10.74	164	255428	46.23	ug/l	94
66) Chlorobenzene	11.54	112	949046	46.53	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	328343	47.19	ug/l	98
68) Ethyl Benzene	11.62	91	1812075	46.85	ug/l	100
69) m/p-Xylenes	11.73	106	1255050	94.05	ug/l	91
70) o-Xylene	12.06	106	620621	46.39	ug/l	90
71) Styrene	12.07	104	1026360	47.53	ug/l	95
72) Bromoform	12.24	173	224059	46.31	ug/l #	98
74) Isopropylbenzene	12.36	105	1684730	46.57	ug/l	98
75) N-amyl acetate	12.17	43	734371	45.48	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	476304	51.07	ug/l	98
77) 1,2,3-Trichloropropane	12.66	75	414708m	41.80	ug/l	
78) Bromobenzene	12.64	156	329655	46.46	ug/l	94
79) n-propylbenzene	12.71	91	1997956	46.94	ug/l	98
80) 2-Chlorotoluene	12.79	91	1196152	46.80	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1348829	46.40	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	170934	42.31	ug/l	91
83) 4-Chlorotoluene	12.89	91	1193579	47.53	ug/l	96
84) tert-Butylbenzene	13.11	119	1085739	45.28	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	1367091	46.83	ug/l	95
86) sec-Butylbenzene	13.29	105	1635546	46.56	ug/l	99
87) p-Isopropyltoluene	13.41	119	1247310	46.10	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	577777	47.59	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	561765	45.69	ug/l	95
90) n-Butylbenzene	13.74	91	1238996	47.19	ug/l	98
91) Hexachloroethane	14.01	117	264554	44.68	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	579072	48.27	ug/l	97
93) 1,2-Dibromo-3-Chloropropan	14.40	75	95529	46.13	ug/l	87

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) 1,2,4-Trichlorobenzene	15.05	180	314090	48.46	ug/l	98
95) Hexachlorobutadiene	15.16	225	155313	45.50	ug/l	99
96) Naphthalene	15.29	128	905468	47.66	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	306090	47.51	ug/l	98

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

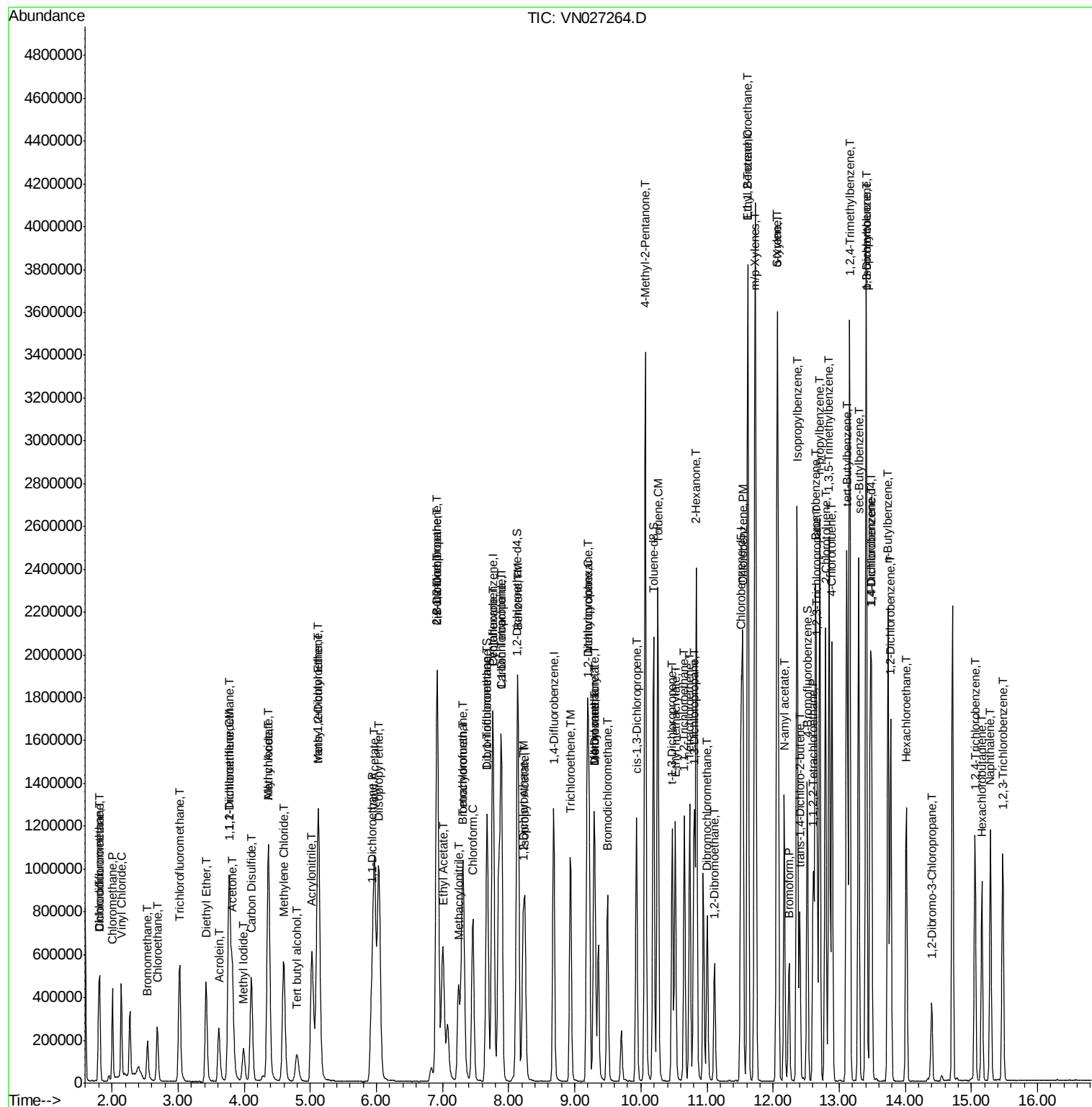
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
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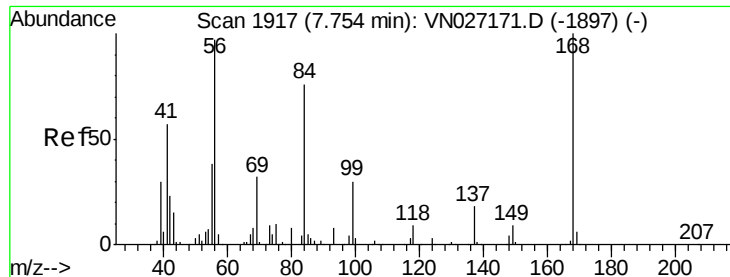
Instrument :
 MSVOA_N
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion:168 Resp: 530873

Ion Ratio Lower Upper

168 100

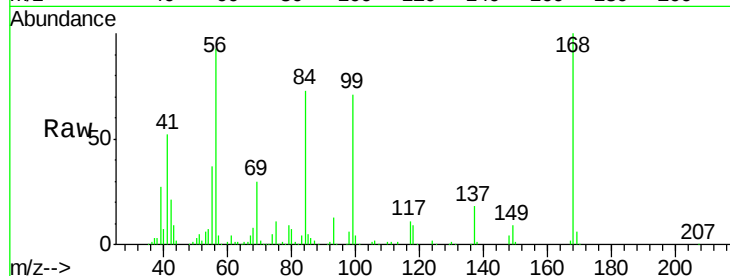
99 70.3 50.4 75.6

Manual Integrations

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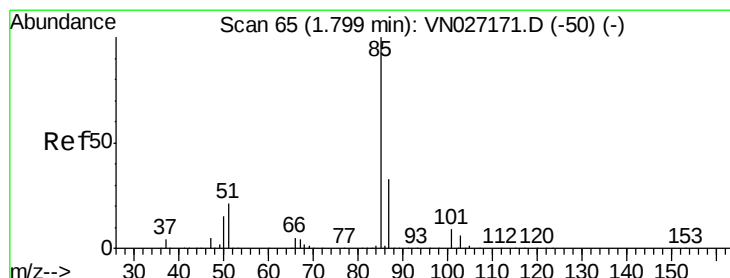
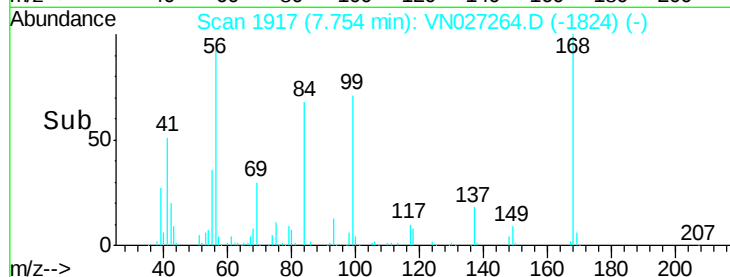
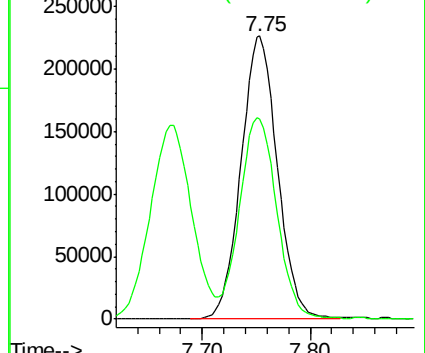
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.83 ug/l

RT: 1.80 min Scan# 65

Delta R.T. 0.00 min

Lab File: VN027264.D

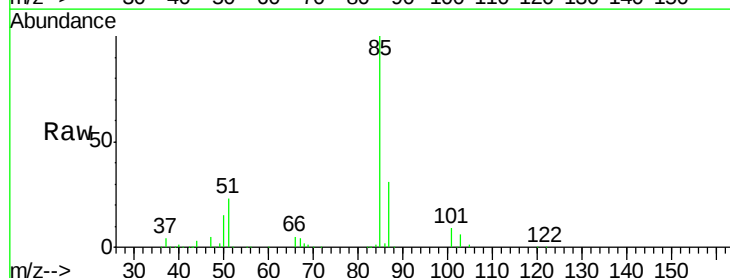
Acq: 17 Sep 2015 19:22

Tgt Ion: 85 Resp: 284749

Ion Ratio Lower Upper

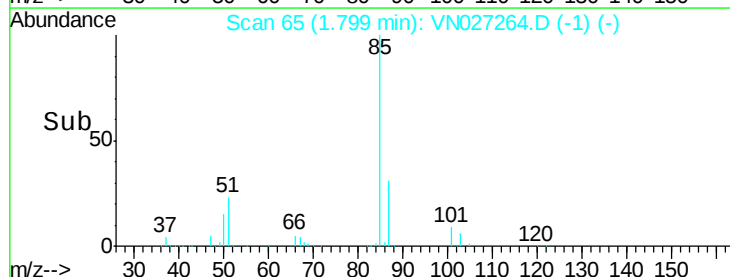
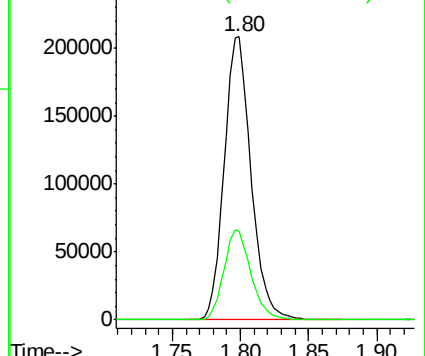
85 100

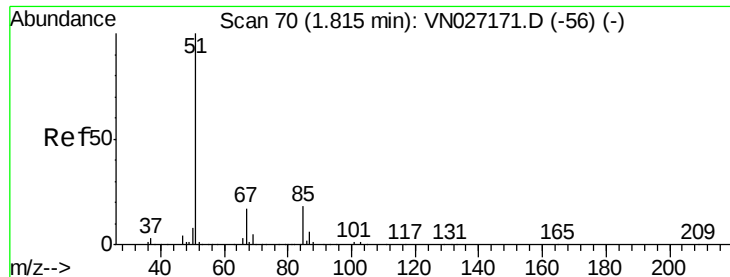
87 31.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chlorodifluoromethane

Concen: 48.11 ug/l

RT: 1.81 min Scan# 70

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 51 Resp: 353626

Ion Ratio Lower Upper

51 100

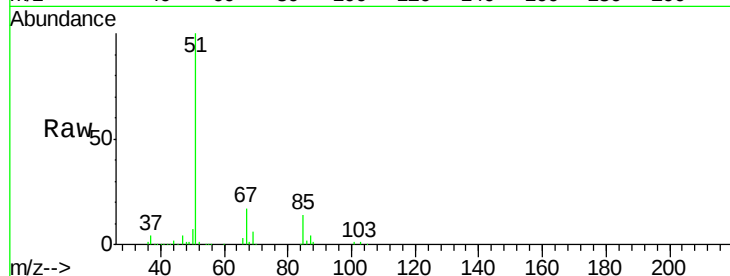
67 17.8 12.2 18.2

Manual Integrations

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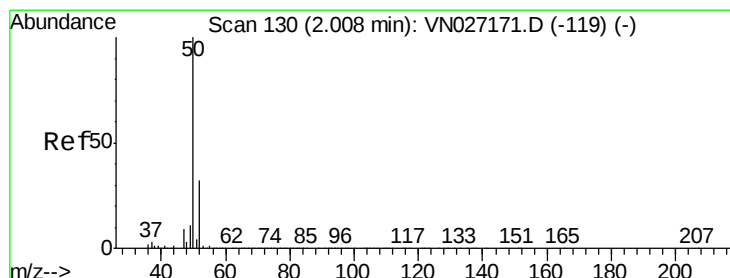
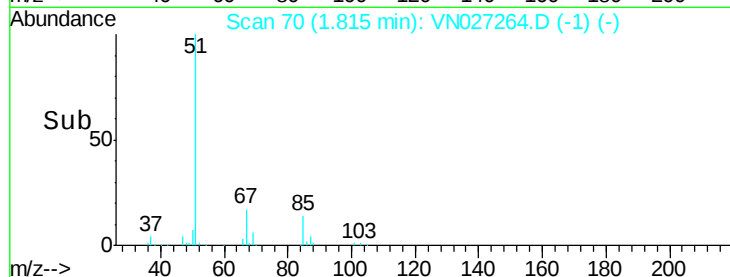
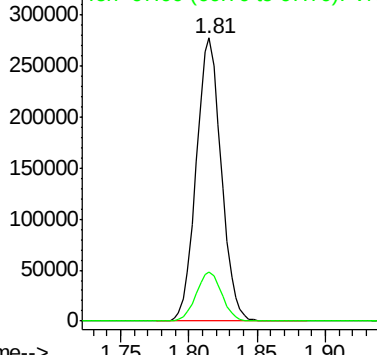
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Abundance Ion 51.00 (50.70 to 51.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

Chloromethane

Concen: 44.78 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027264.D

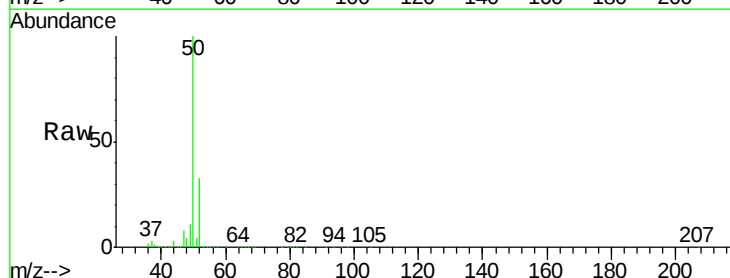
Acq: 17 Sep 2015 19:22

Tgt Ion: 50 Resp: 317711

Ion Ratio Lower Upper

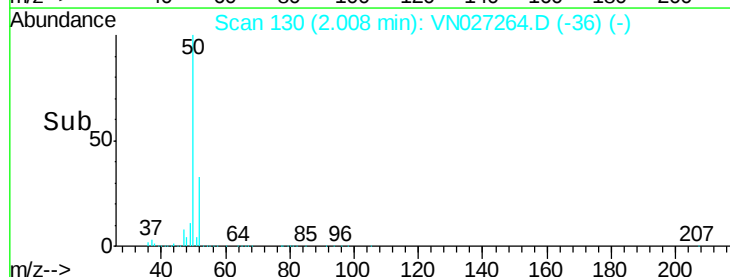
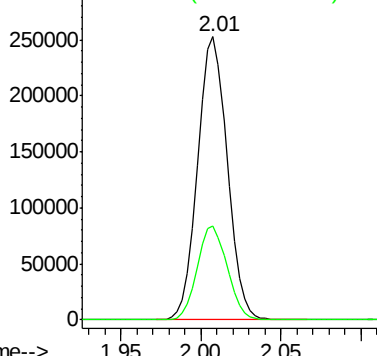
50 100

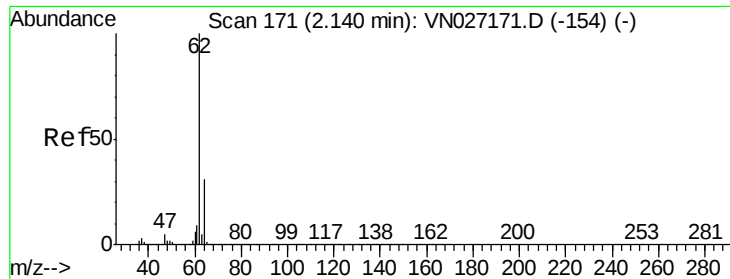
52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Vinyl Chloride

Concen: 47.89 ug/l

RT: 2.14 min Scan# 171

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

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Tot Ion: 62 Resp: 359283

Ion Ratio Lower Upper

62 100

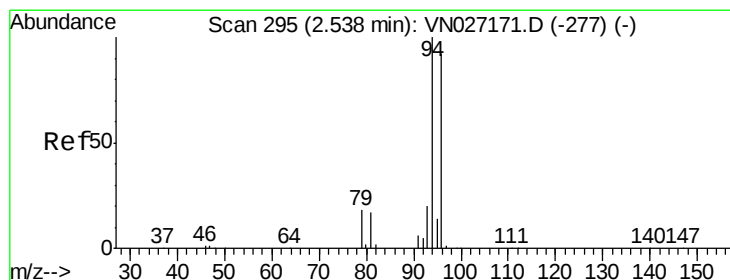
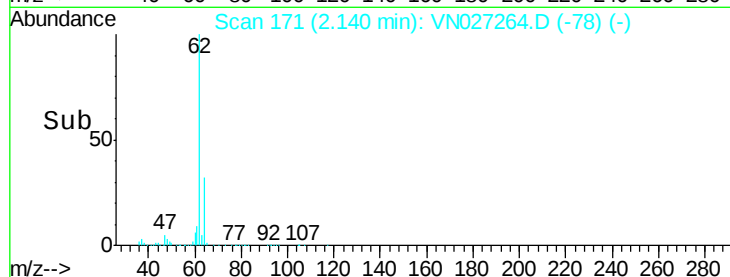
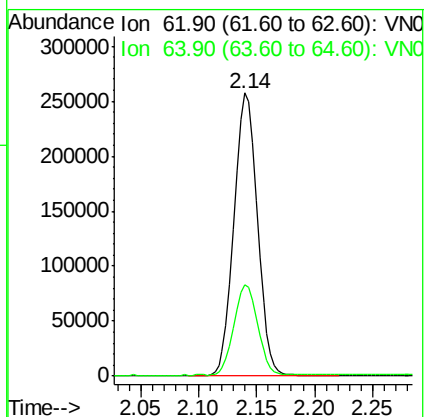
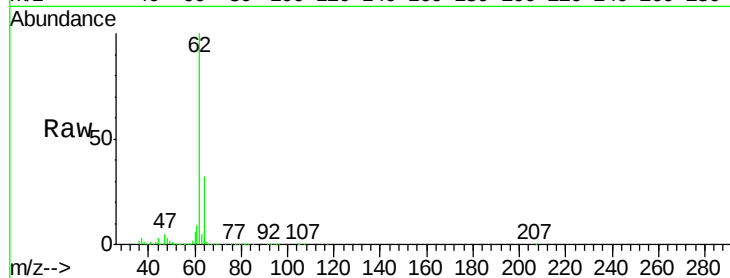
64 31.7 25.9 38.9

Manual Integrations

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#6

Bromomethane

Concen: 35.08 ug/l

RT: 2.54 min Scan# 294

Delta R.T. -0.00 min

Lab File: VN027264.D

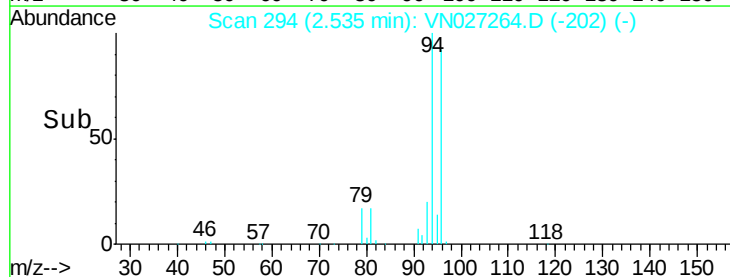
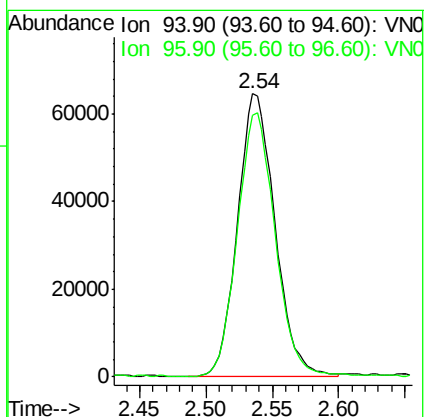
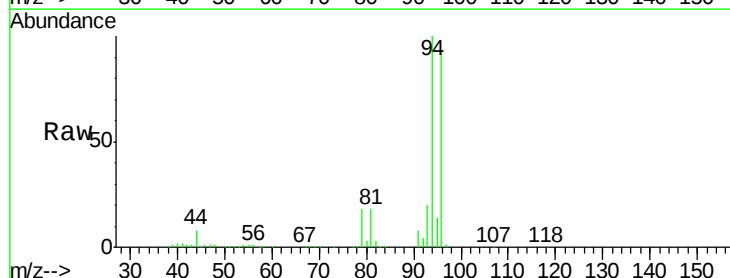
Acq: 17 Sep 2015 19:22

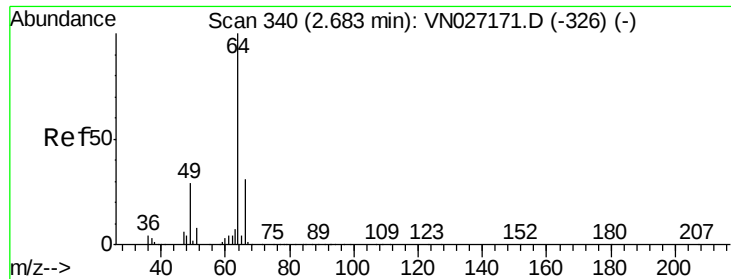
Tgt Ion: 94 Resp: 127359

Ion Ratio Lower Upper

94 100

96 92.0 73.4 110.2





#7

Chloroethane

Concen: 46.42 ug/l

RT: 2.68 min Scan# 340

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 64 Resp: 236716

Ion Ratio Lower Upper

64 100

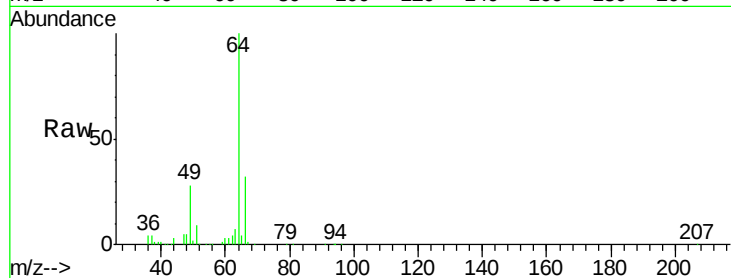
66 32.4 25.5 38.3

Manual Integrations

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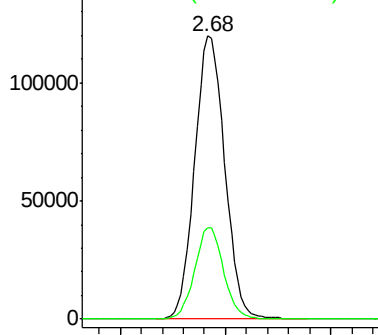
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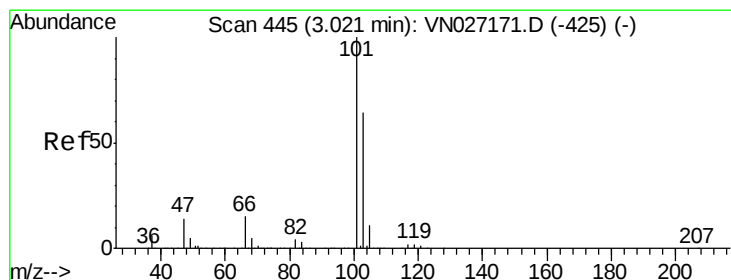
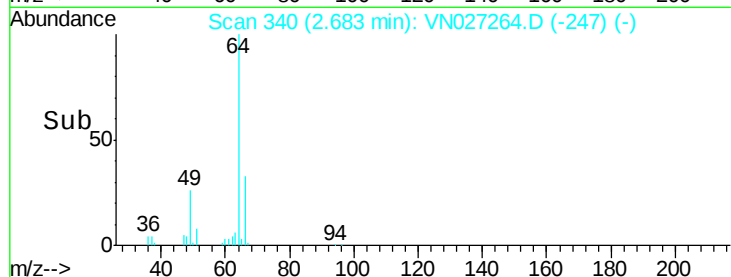


Abundance Ion 63.90 (63.60 to 64.60): VN027171.D (-326) (-)

Ion 65.90 (65.60 to 66.60): VN027171.D (-326) (-)



Time-->



#8

Trichlorofluoromethane

Concen: 46.65 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.00 min

Lab File: VN027264.D

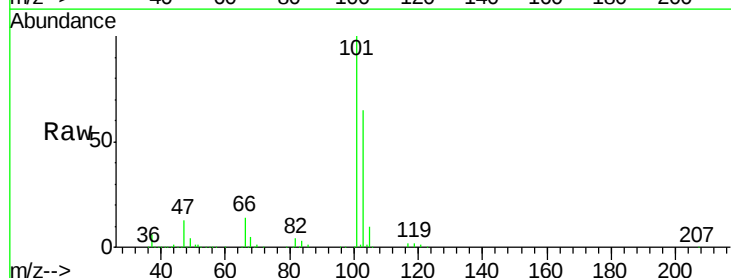
Acq: 17 Sep 2015 19:22

Tgt Ion: 101 Resp: 528697

Ion Ratio Lower Upper

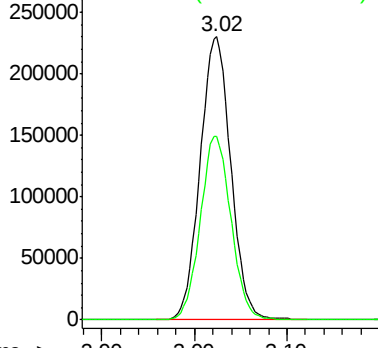
101 100

103 64.7 52.6 79.0

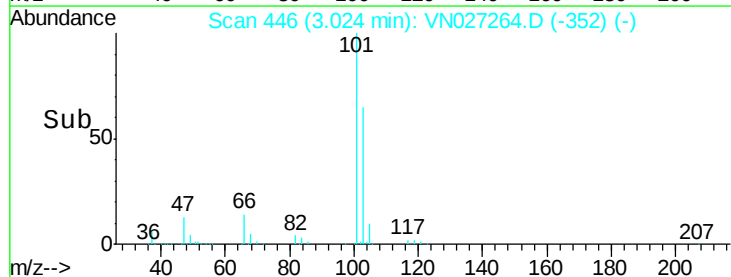


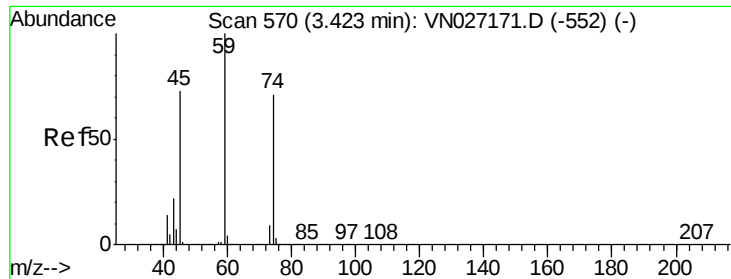
Abundance Ion 100.90 (100.60 to 101.60): VN027171.D (-425) (-)

Ion 102.80 (102.50 to 103.50): VN027171.D (-425) (-)



Time-->





#9

Diethyl Ether

Concen: 46.72 ug/l

RT: 3.42 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 74 Resp: 243639

Ion Ratio Lower Upper

74 100

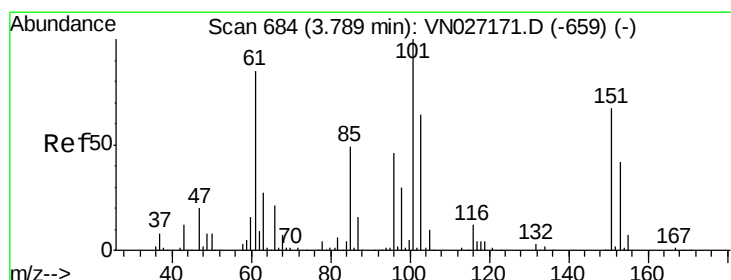
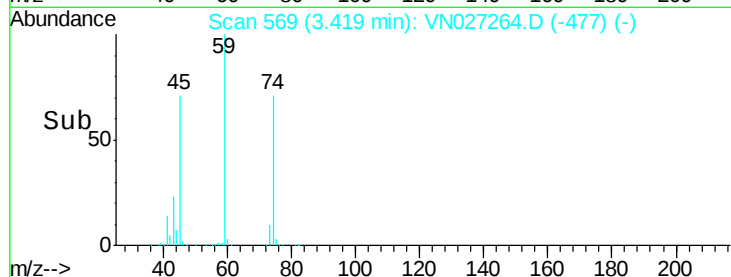
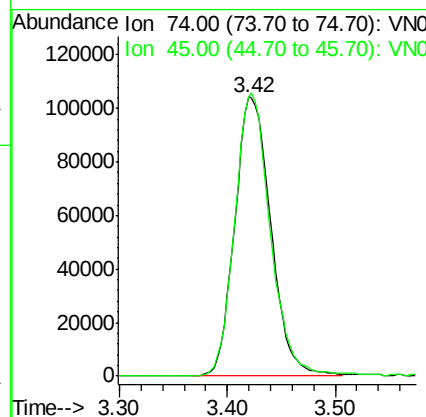
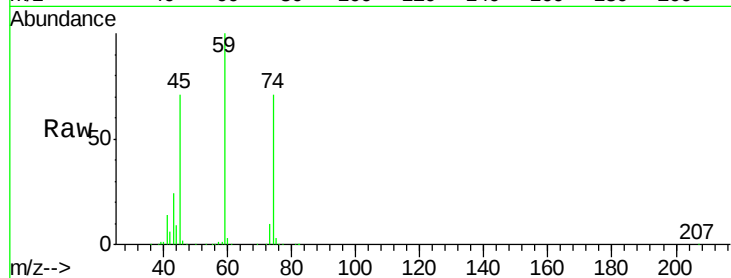
45 99.4 58.1 174.3

Manual Integrations

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#10

1,1,2-Trichlorotrifluoroethane

Concen: 46.22 ug/l

RT: 3.79 min Scan# 684

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

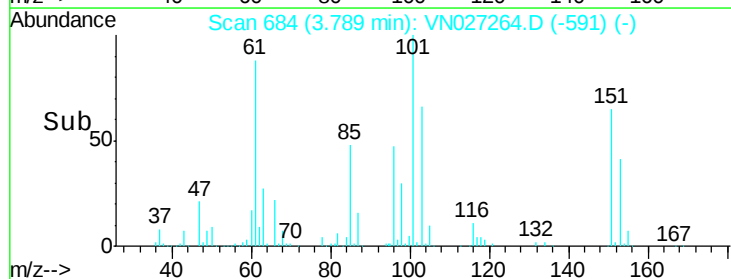
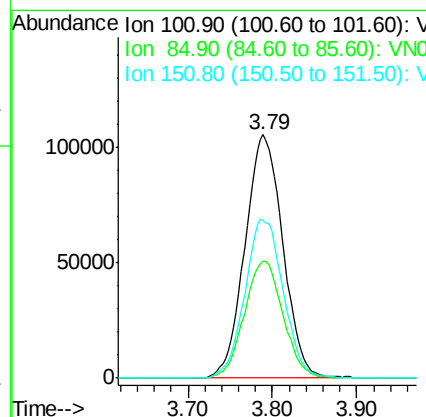
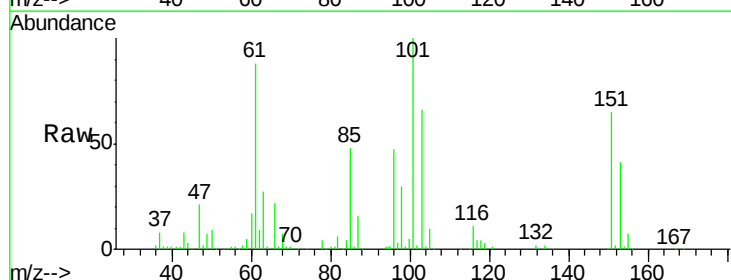
Tgt Ion: 101 Resp: 328975

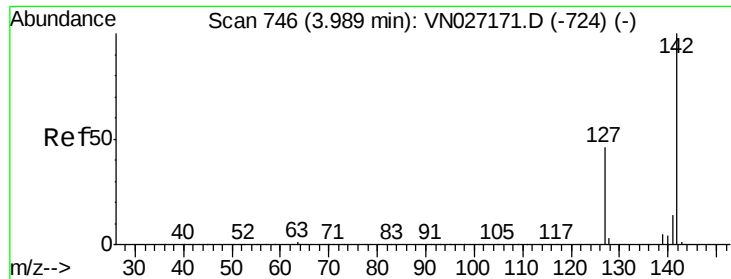
Ion Ratio Lower Upper

101 100

85 49.1 37.4 56.0

151 66.0 55.9 83.9





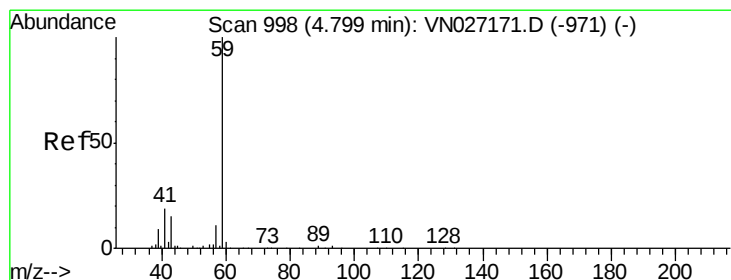
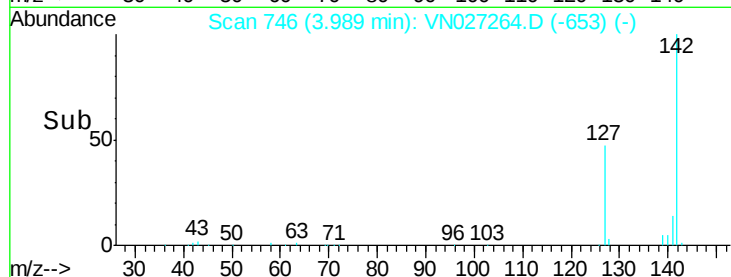
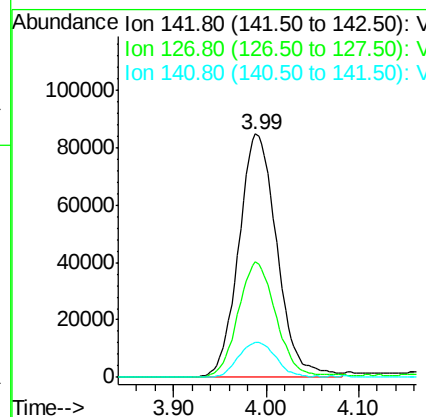
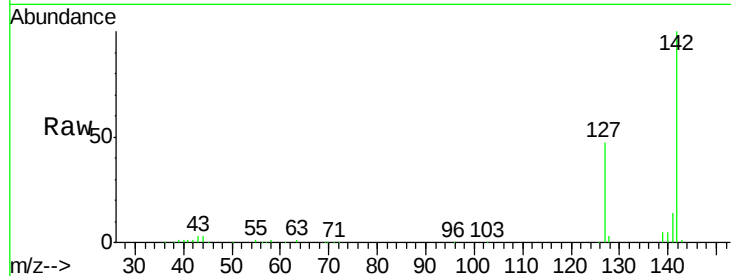
#11
Methvl Iodide
Concen: 35.19 ug/l
RT: 3.99 min Scan# 746
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.8	32.3	48.5
141	14.2	11.2	16.8

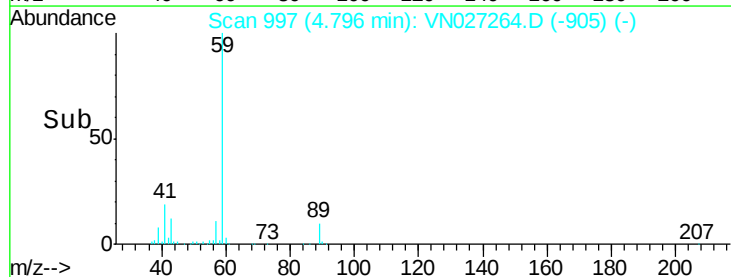
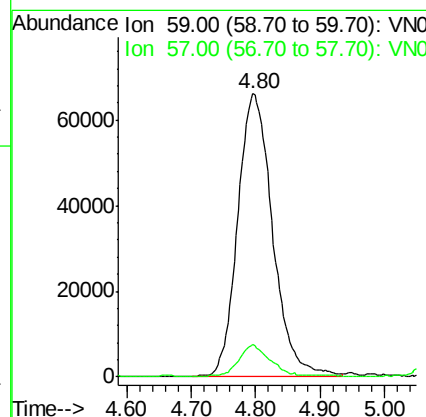
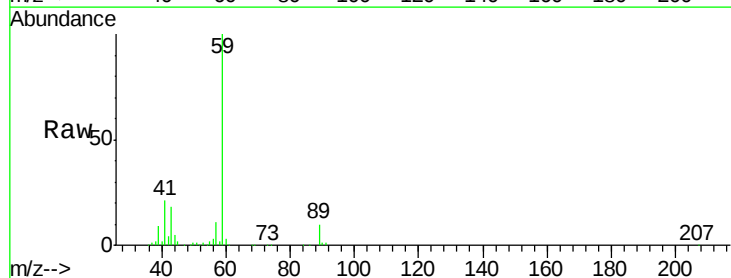
Manual Integrations
APPROVED

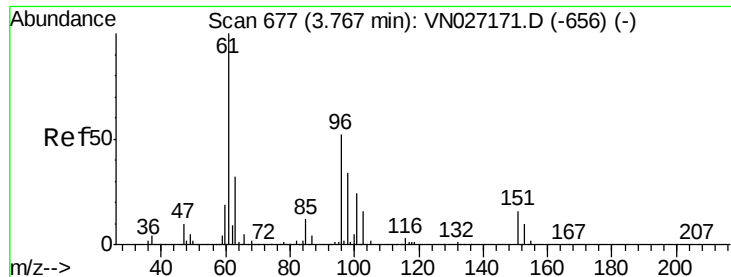
MMDadoda
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#12
Tert butyl alcohol
Concen: 234.79 ug/l
RT: 4.80 min Scan# 997
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.6	11.4





#13

1,1-Dichloroethene

Concen: 46.57 ug/l

RT: 3.77 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

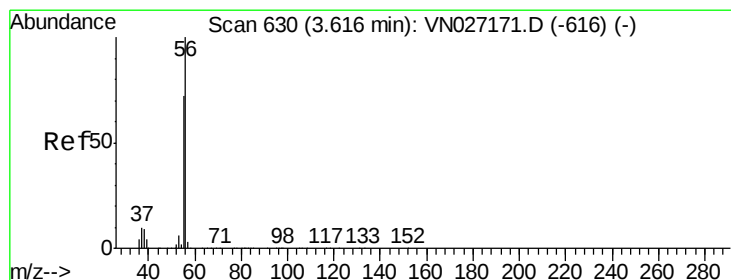
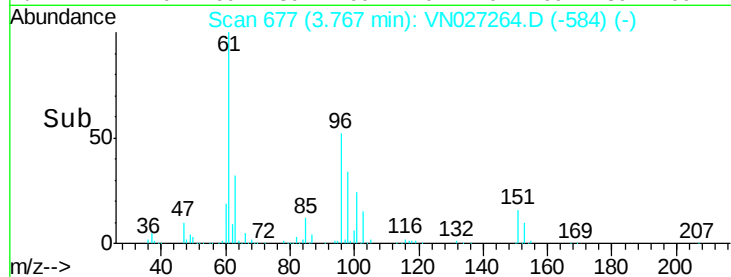
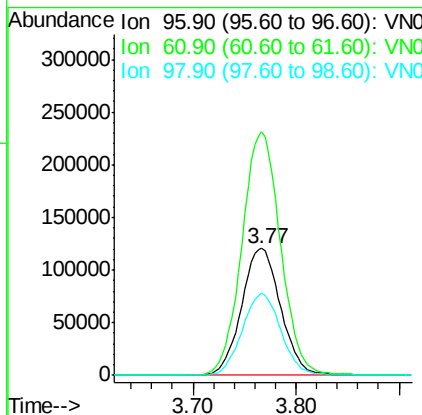
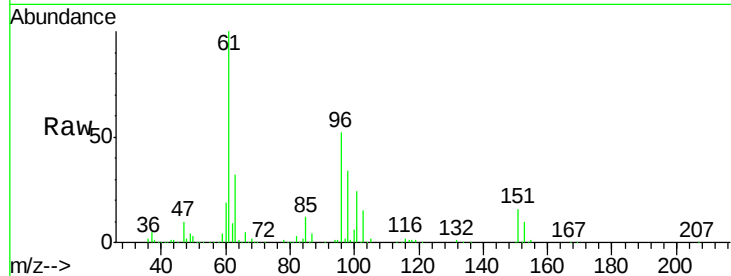
ClientSampleId :

MW-12-9-15-15MS

Tot Ion:	96	Resp:	317417
Ion	Ratio	Lower	Upper
96	100		
61	192.0	143.8	215.8
98	64.4	50.3	75.5

Manual Integrations
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#14

Acrolein

Concen: 231.73 ug/l

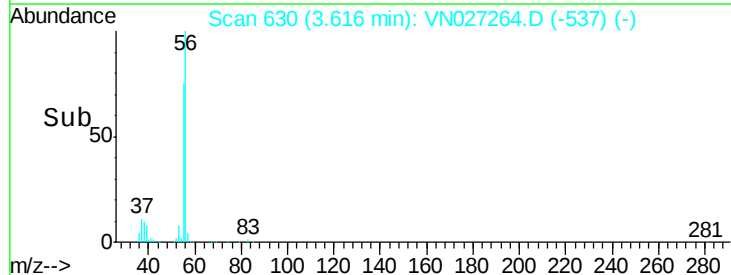
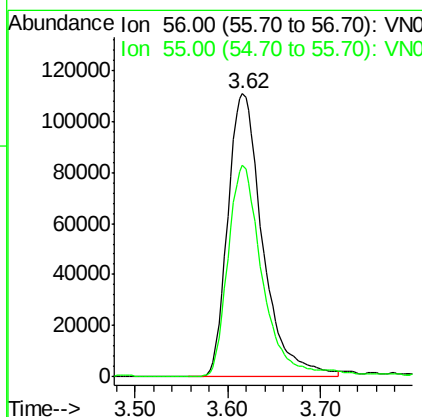
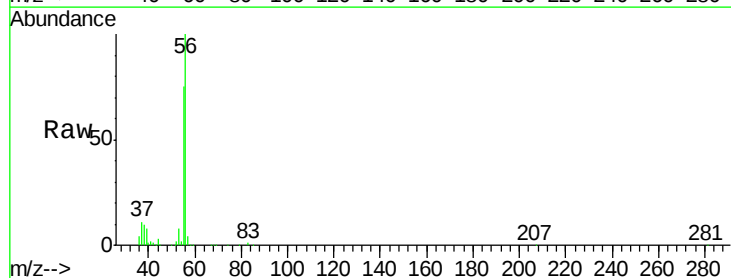
RT: 3.62 min Scan# 630

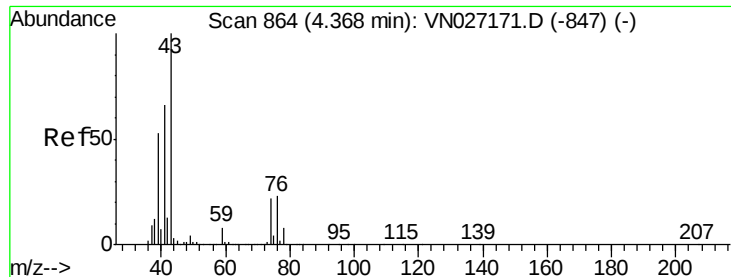
Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Tgt Ion:	56	Resp:	289548
Ion	Ratio	Lower	Upper
56	100		
55	72.0	55.7	83.5





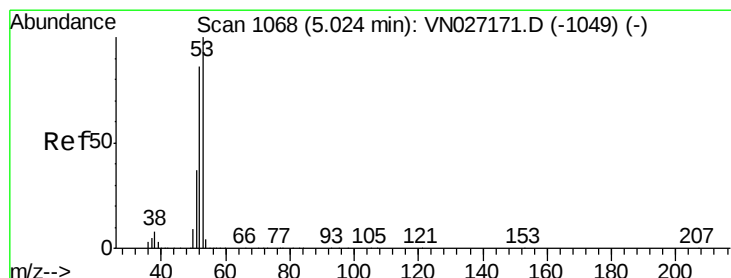
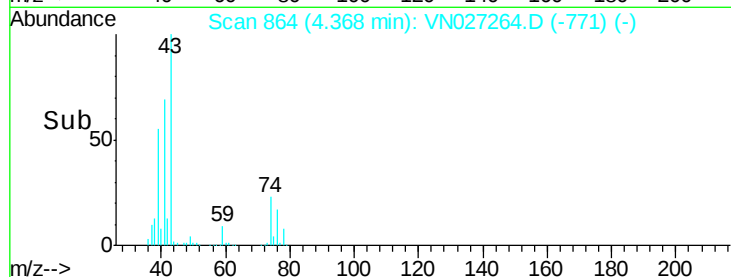
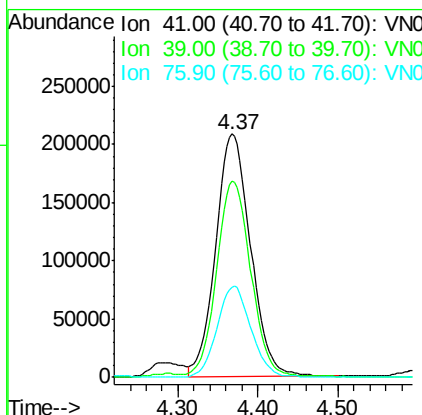
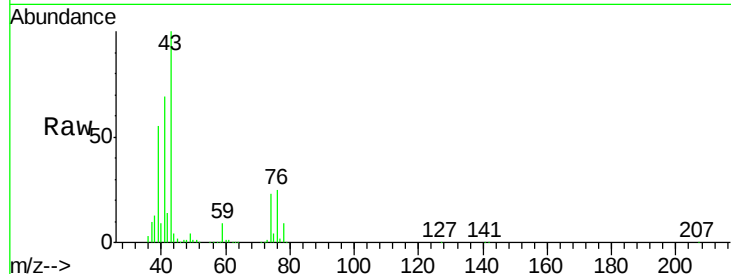
#15
Allvl chloride
Concen: 45.25 ug/l
RT: 4.37 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	78.6	49.7	74.5#
76	35.8	24.8	37.2

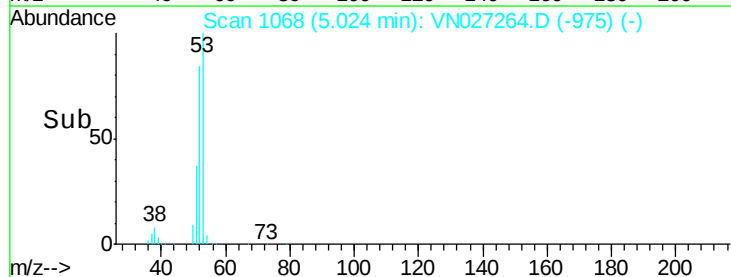
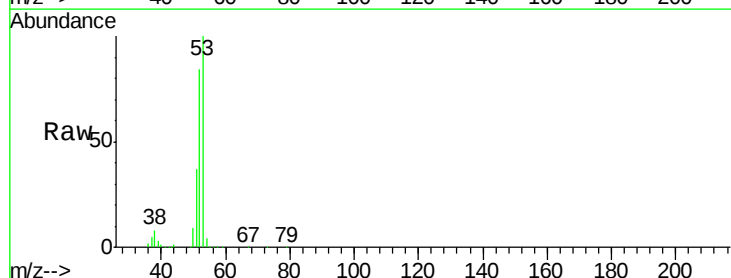
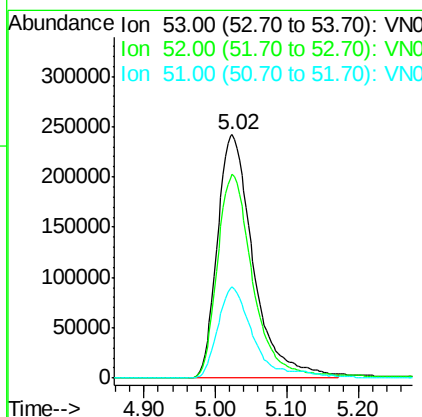
Manual Integrations
APPROVED

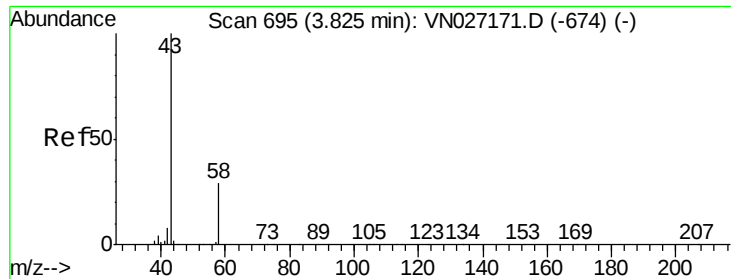
MMDadoda
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#16
Acrylonitrile
Concen: 243.58 ug/l
RT: 5.02 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.9	100.3
51	35.5	27.4	41.0





#17

Acetone

Concen: 224.84 ug/l

RT: 3.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 43 Resp: 659382

Ion Ratio Lower Upper

43 100

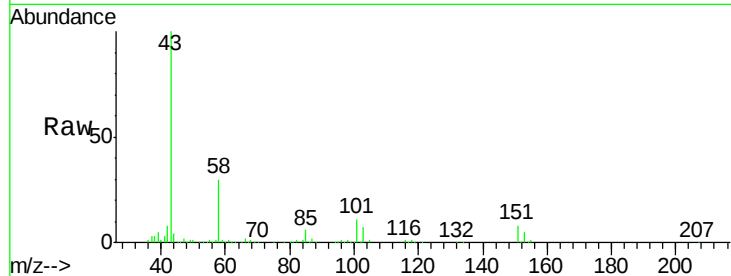
58 30.4 25.4 38.0

Manual Integrations

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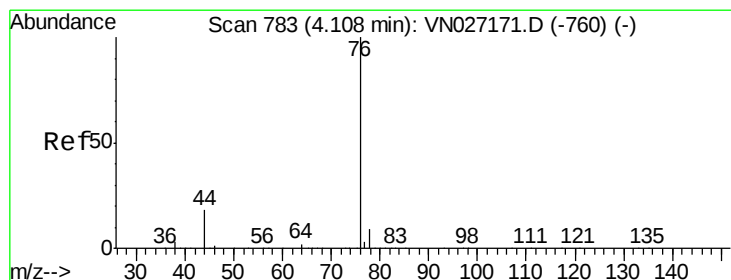
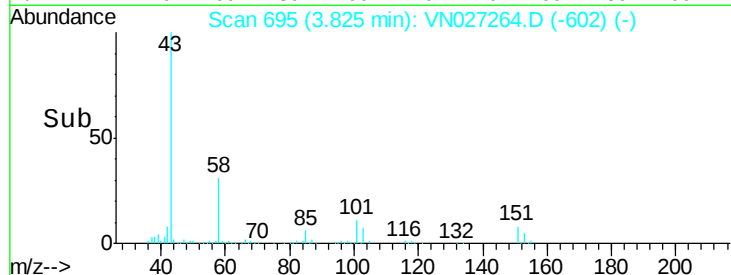
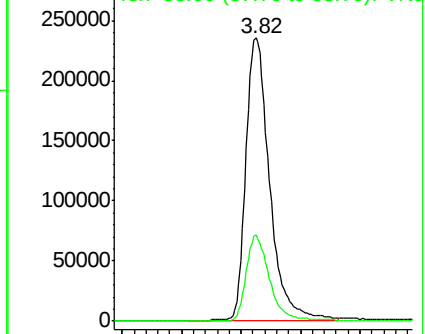
MMDadoda

9/18/2015 12:23:36 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Carbon Disulfide

Concen: 43.10 ug/l

RT: 4.11 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN027264.D

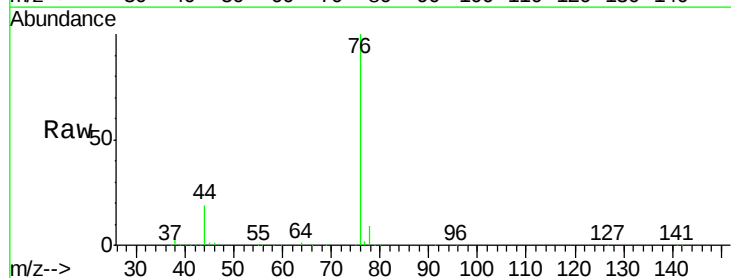
Acq: 17 Sep 2015 19:22

Tgt Ion: 76 Resp: 956645

Ion Ratio Lower Upper

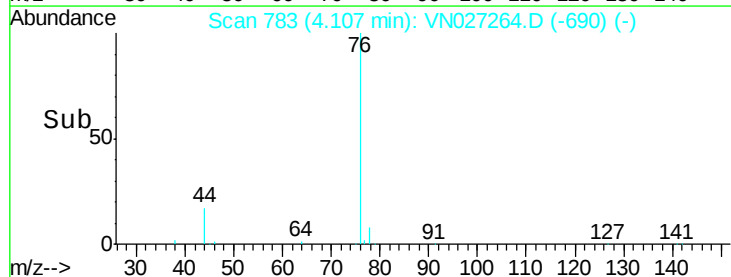
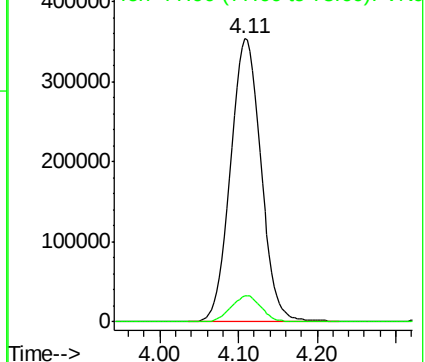
76 100

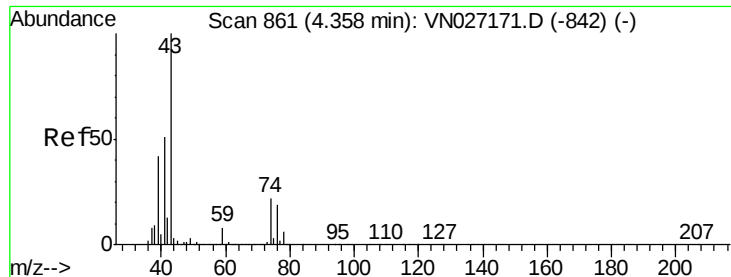
78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





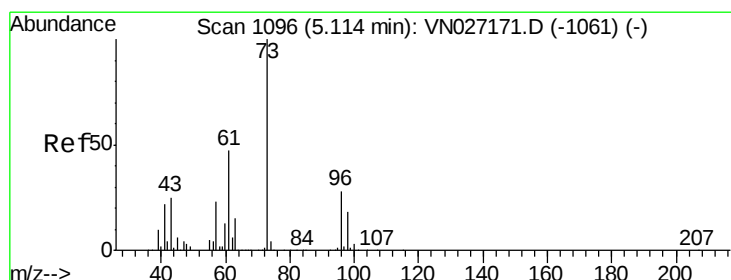
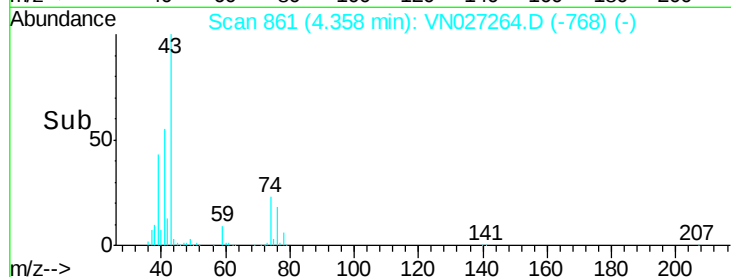
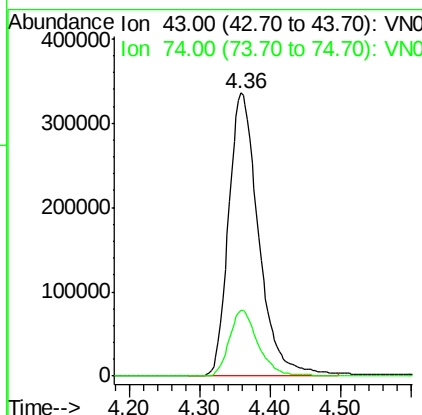
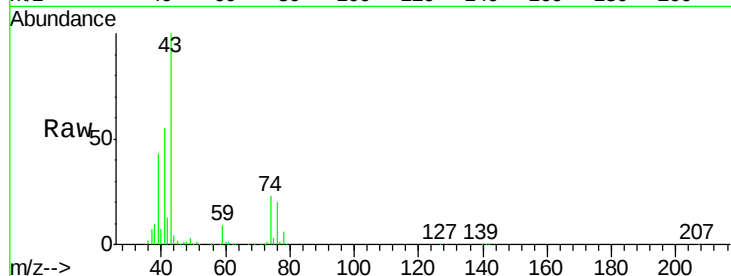
#19
Methvl Acetate
Concen: 46.87 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
43	100		
74	22.6	16.2	24.2

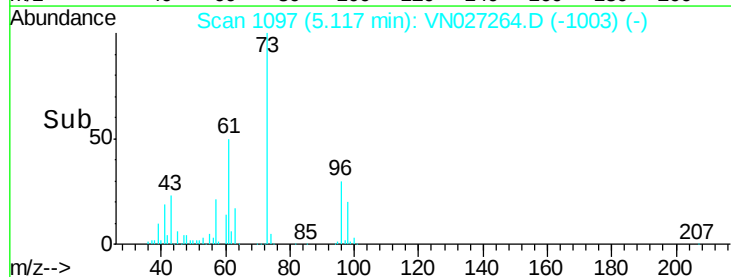
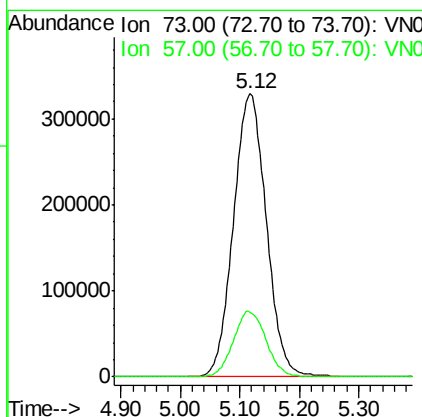
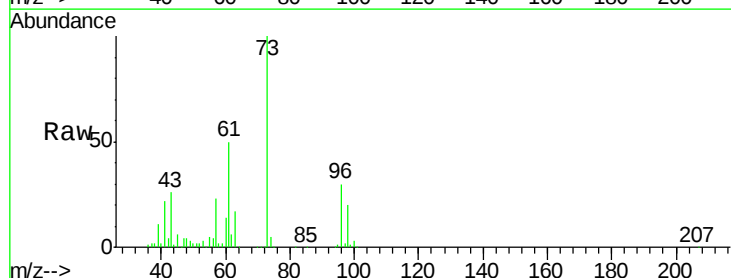
Manual Integrations
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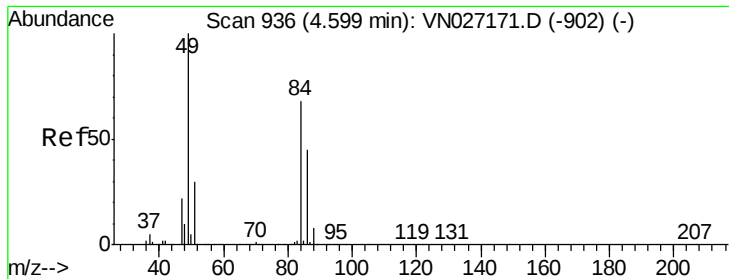
MMDadoda
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#20
Methyl tert-butyl Ether
Concen: 46.35 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.7	19.8	29.6





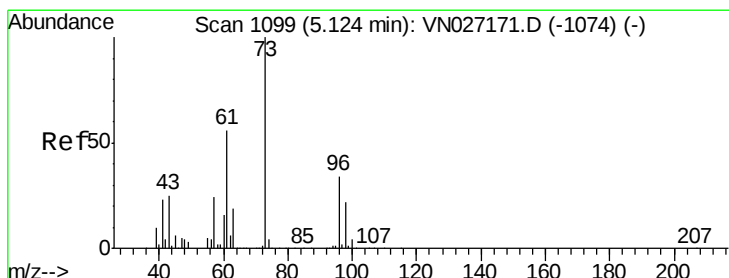
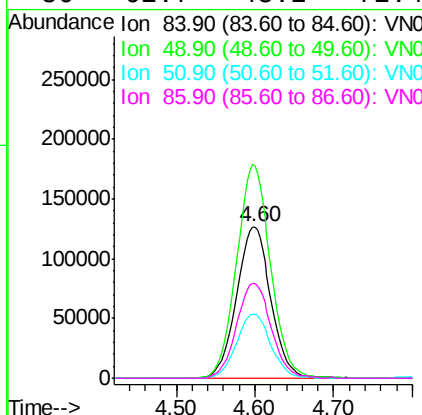
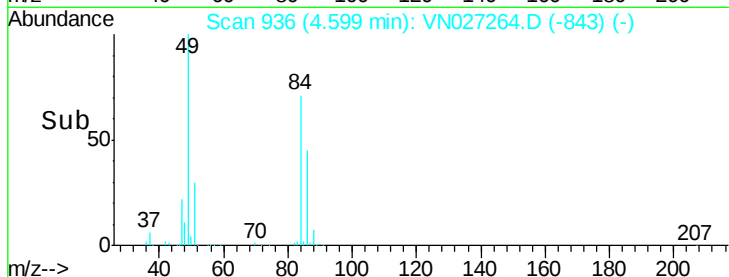
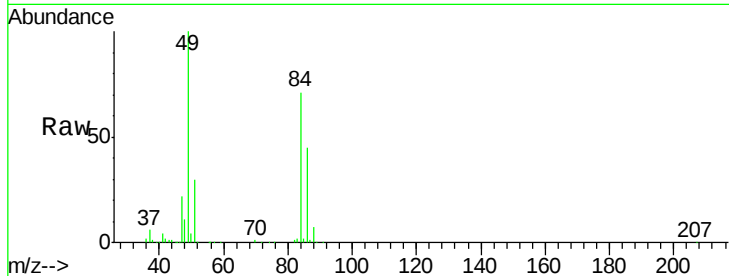
#21
Methylene Chloride
Concen: 47.27 ug/l
RT: 4.60 min Scan# 936
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion:	84	Resp:	386143
Ion	Ratio	Lower	Upper
84	100		
49	140.3	112.3	168.5
51	42.1	33.8	50.8
86	62.7	48.2	72.4

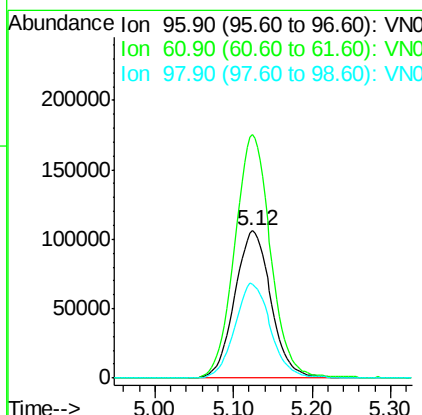
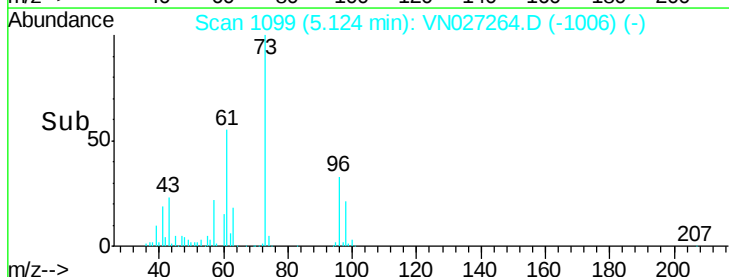
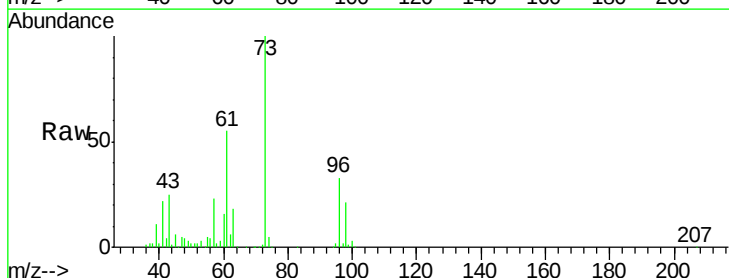
Manual Integrations
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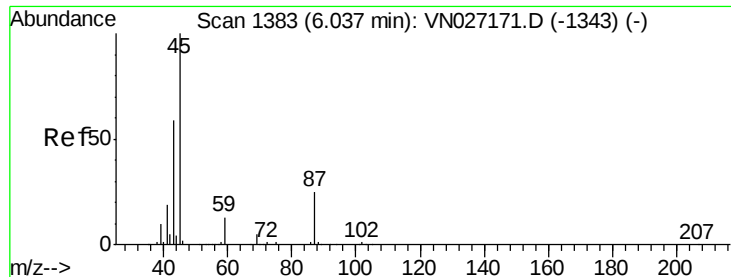
MMDadoda
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#22
trans-1,2-Dichloroethene
Concen: 46.43 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion:	96	Resp:	342298
Ion	Ratio	Lower	Upper
96	100		
61	165.0	126.6	189.8
98	64.0	47.4	71.2





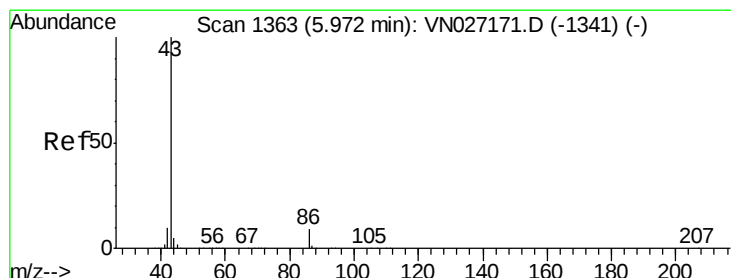
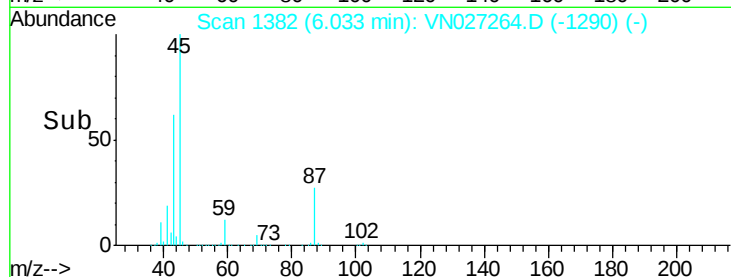
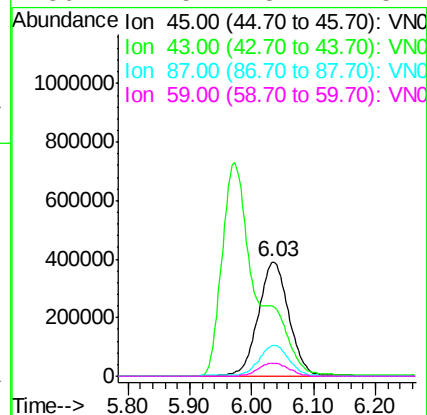
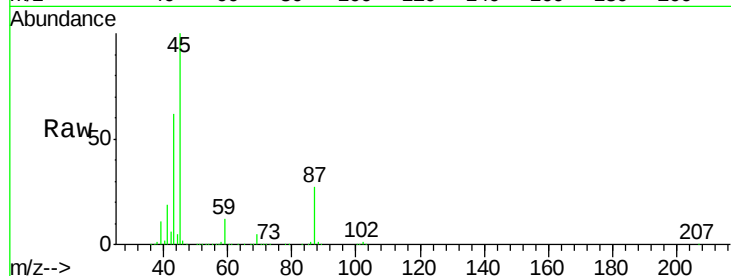
#23
Diisopropyl ether
Concen: 46.67 ug/l
RT: 6.03 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	61.9	41.0	61.6#	
87	26.9	17.5	26.3#	
59	11.5	8.7	13.1	

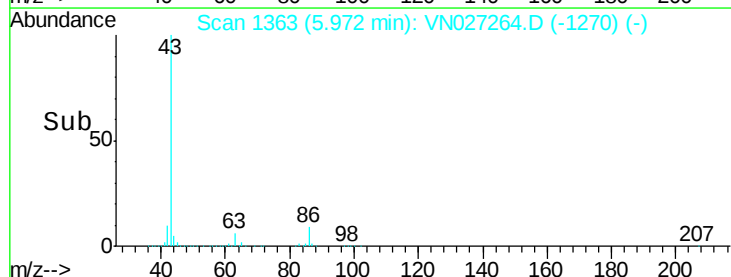
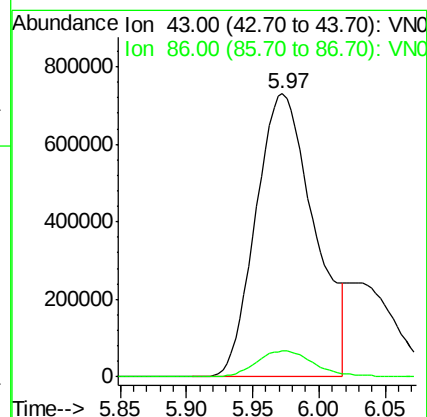
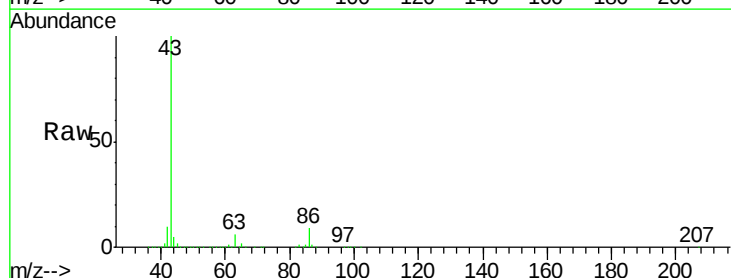
Manual Integrations
APPROVED

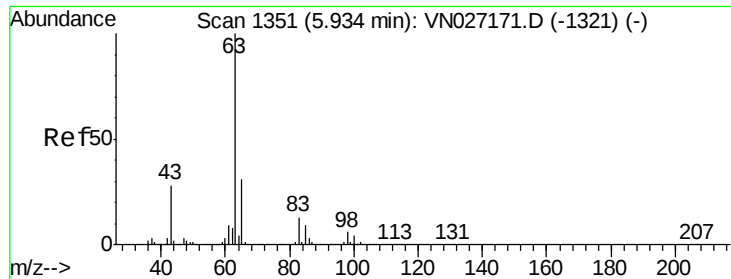
MMDadoda
9/18/2015 12:23:36 PM



#24
Vinyl Acetate
Concen: 233.09 ug/l
RT: 5.97 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
86	9.2	6.9	10.3	





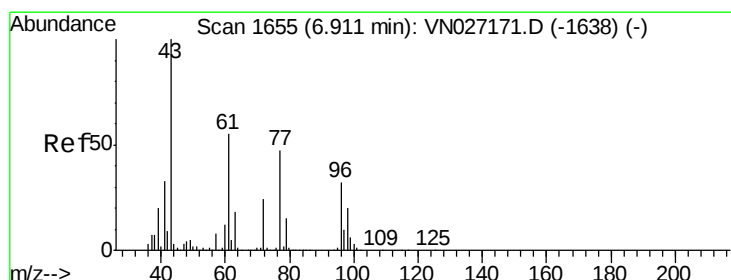
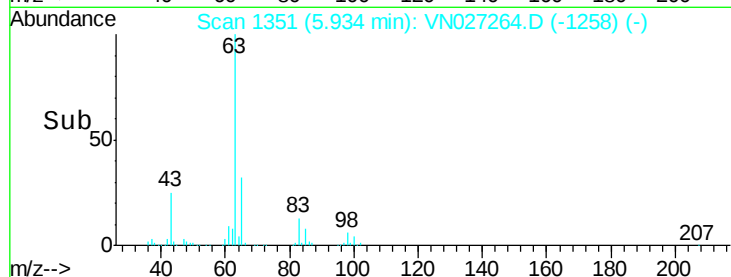
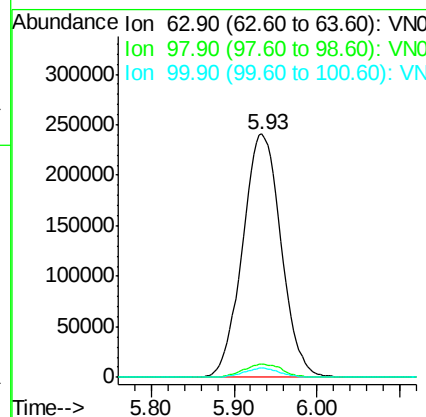
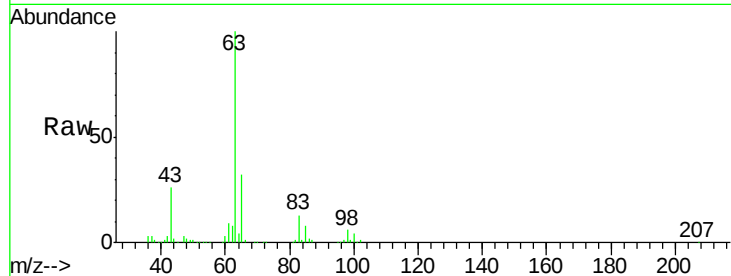
#25
 1,1-Dichloroethane
 Concen: 46.39 ug/l
 RT: 5.93 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tot Ion	Ratio	Resp	Lower	Upper
63	100	778465		
98	5.5		2.8	8.3
100	3.8		1.7	5.0

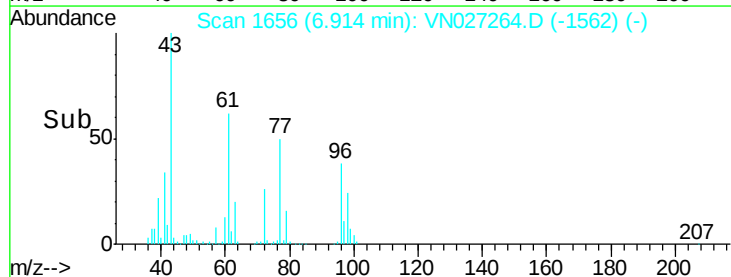
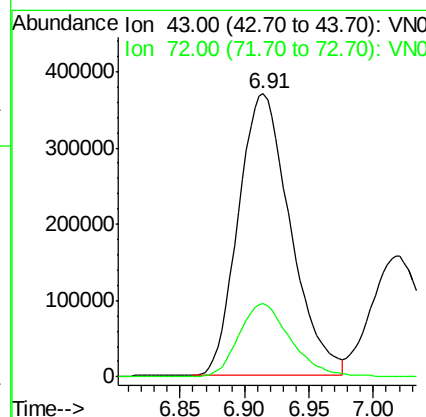
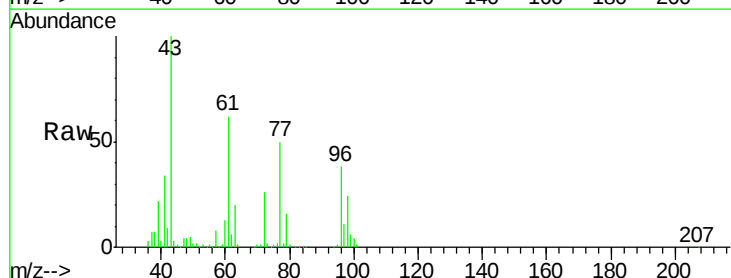
Manual Integrations
 APPROVED

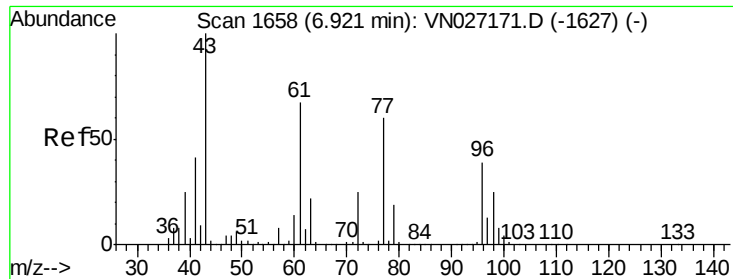
MMDadoda
 9/18/2015 12:23:36 PM



#26
 2-Butanone
 Concen: 235.17 ug/l
 RT: 6.91 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1038569		
72	26.1		18.8	28.2





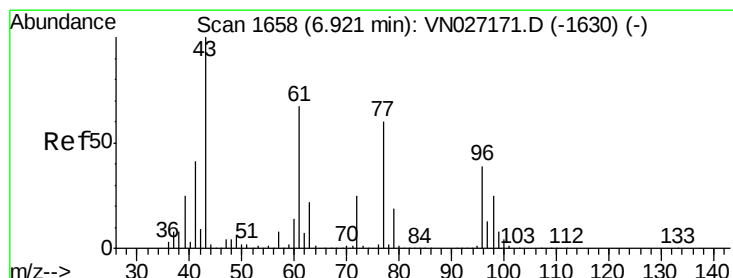
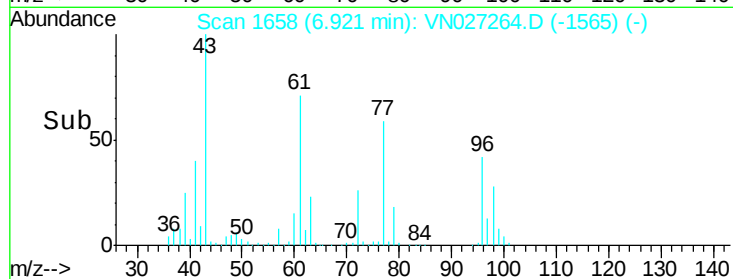
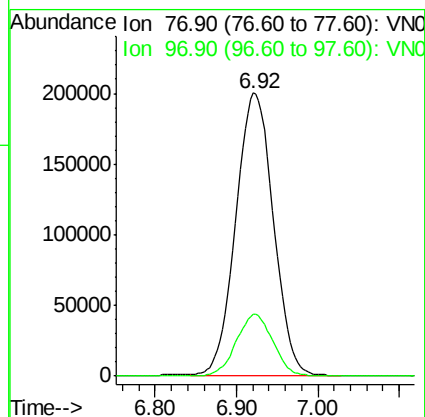
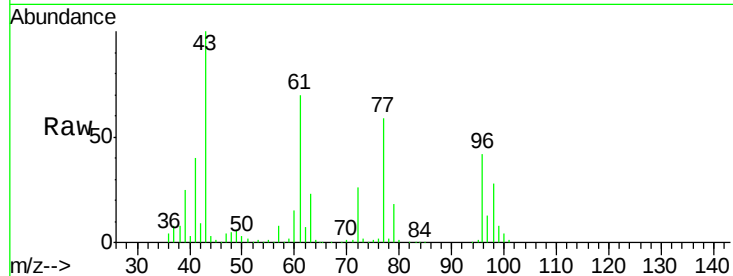
#27
 2,2-Dichloropropane
 Concen: 43.94 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
77	100		
97	21.3	11.8	35.3

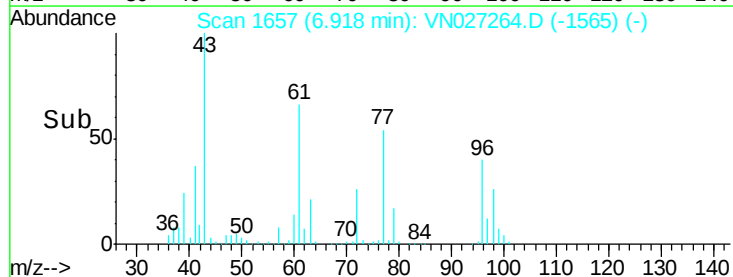
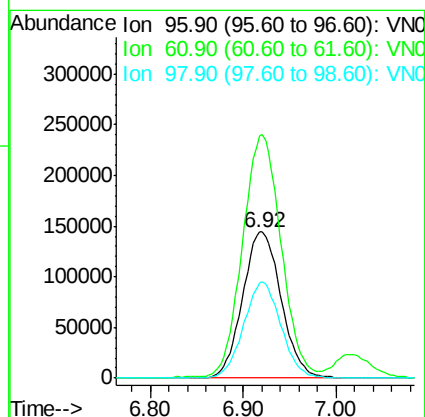
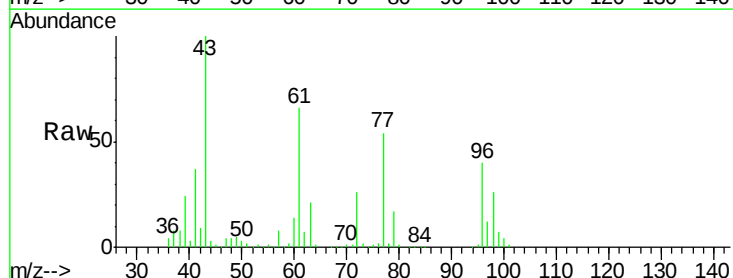
Manual Integrations
 APPROVED

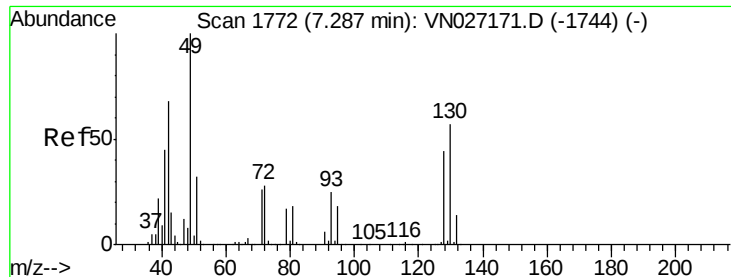
MMDadoda
 9/18/2015 12:23:36 PM



#28
 cis-1,2-Dichloroethene
 Concen: 49.17 ug/l
 RT: 6.92 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.2	0.0	329.2
98	63.9	0.0	126.0





#29

Bromochloromethane

Concen: 49.27 ug/l

RT: 7.29 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 49 Resp: 320900

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.2

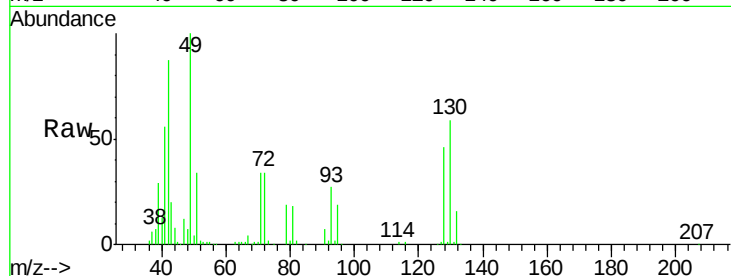
130 57.1 43.2 64.8

Manual Integrations

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MMDadoda

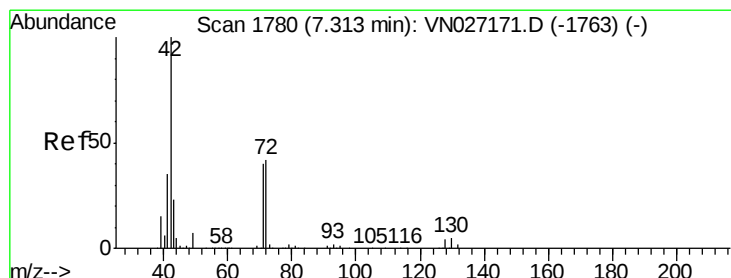
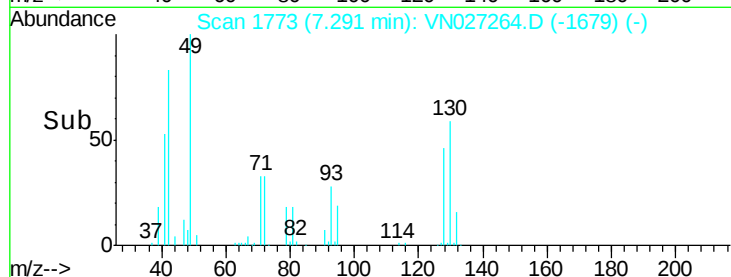
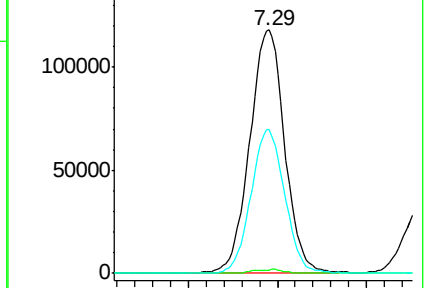
9/18/2015 12:23:36 PM



Abundance Ion 48.90 (48.60 to 49.60): VN027171.D (-1744) (-)

Ion 128.80 (128.50 to 129.50): VN027171.D (-1744) (-)

Ion 129.80 (129.50 to 130.50): VN027171.D (-1744) (-)



#30

Tetrahydrofuran

Concen: 219.56 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

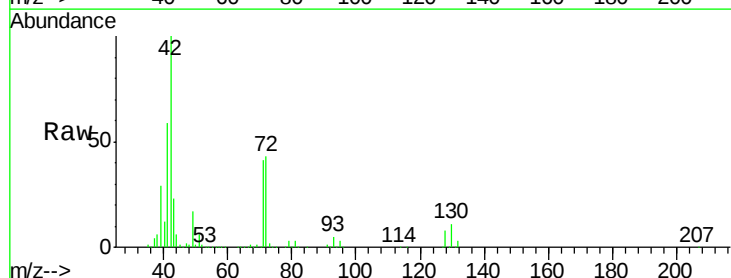
Tgt Ion: 42 Resp: 668255

Ion Ratio Lower Upper

42 100

72 43.7 29.9 44.9

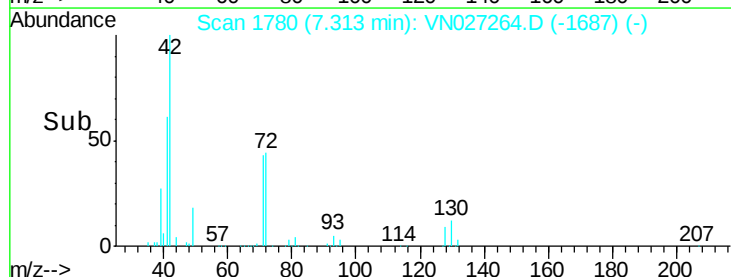
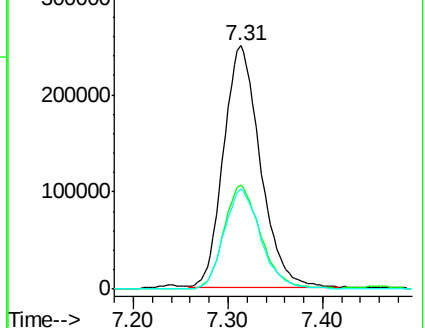
71 42.0 28.3 42.5

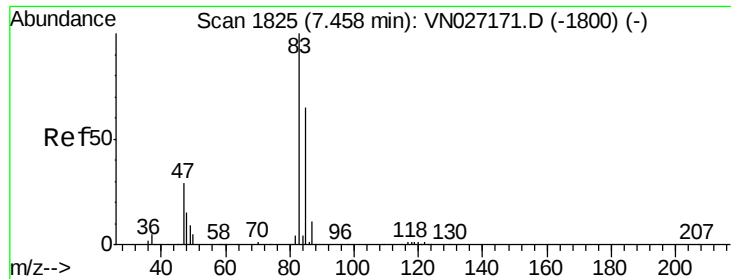


Abundance Ion 42.00 (41.70 to 42.70): VN027171.D (-1763) (-)

Ion 72.00 (71.70 to 72.70): VN027171.D (-1763) (-)

Ion 71.00 (70.70 to 71.70): VN027171.D (-1763) (-)





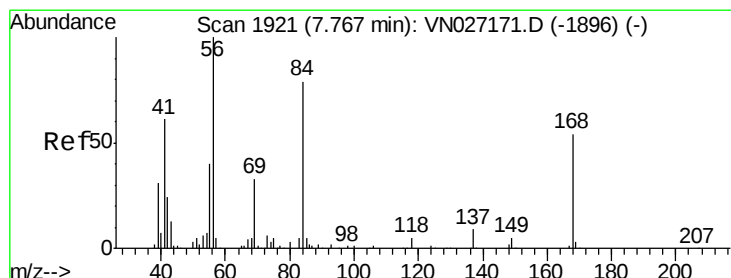
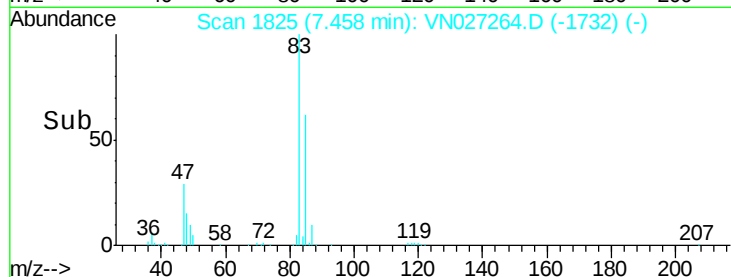
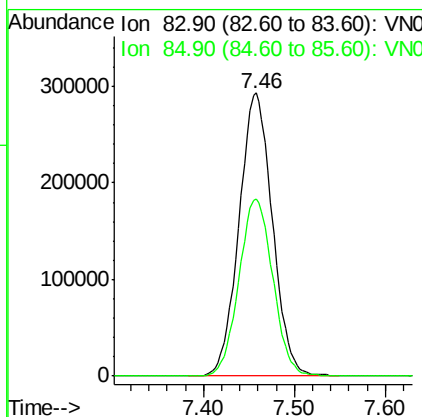
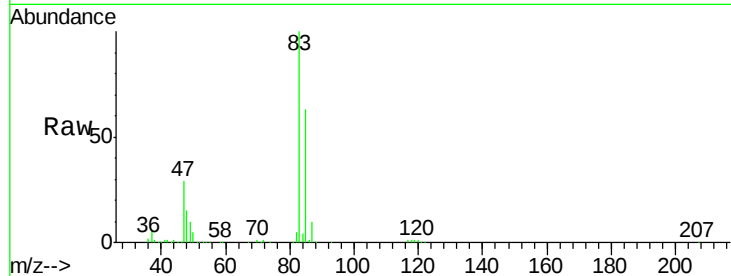
#31
Chloroform
Concen: 49.20 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	83	Resp	745900
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	51.1	76.7

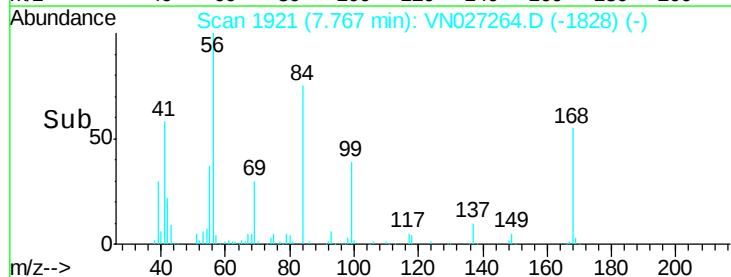
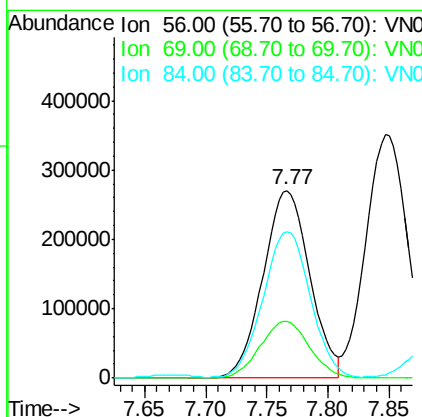
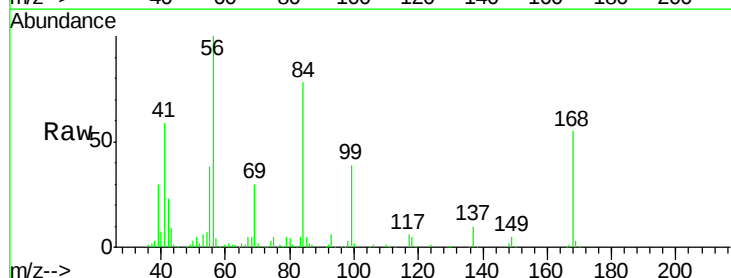
Manual Integrations
APPROVED

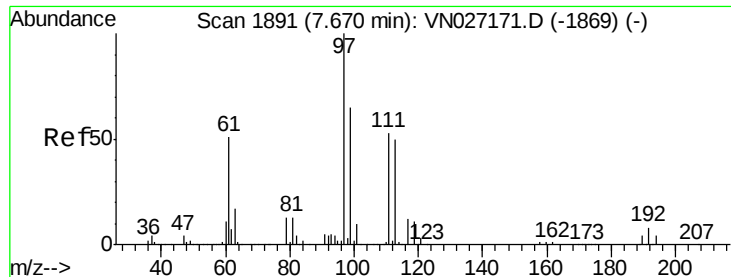
MMDadoda
9/18/2015 12:23:36 PM



#32
Cyclohexane
Concen: 48.31 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	56	Resp	722095
Ion Ratio	100	Lower	Upper
56	100		
69	30.4	23.0	34.4
84	76.8	57.8	86.8





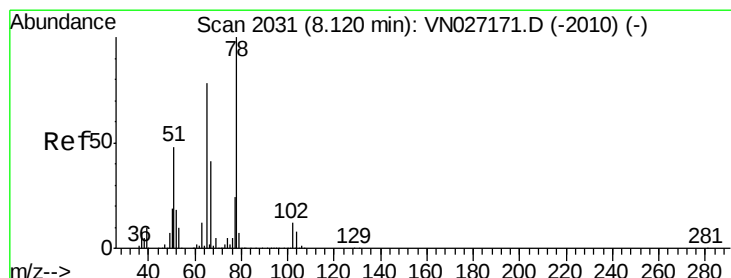
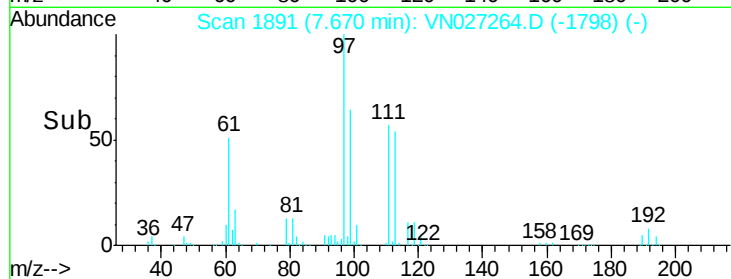
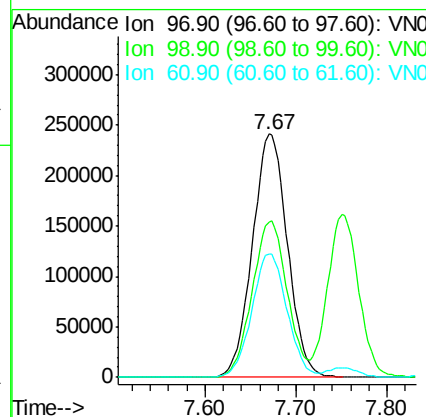
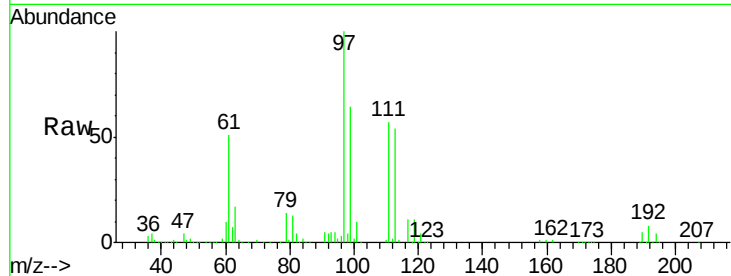
#33
 1,1,1-Trichloroethane
 Concen: 47.66 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.1	75.1
61	51.1	44.0	66.0

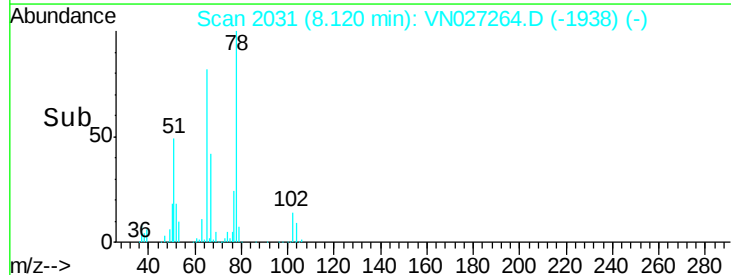
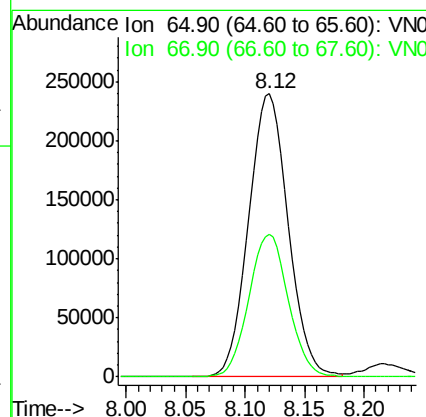
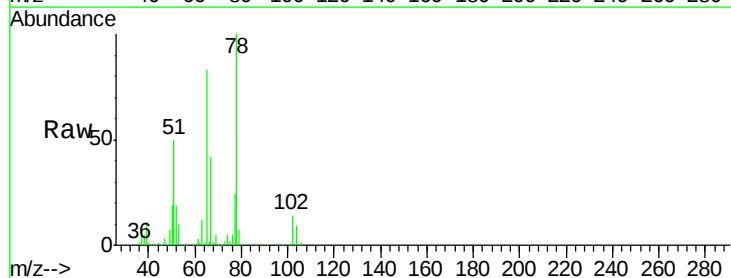
Manual Integrations
 APPROVED

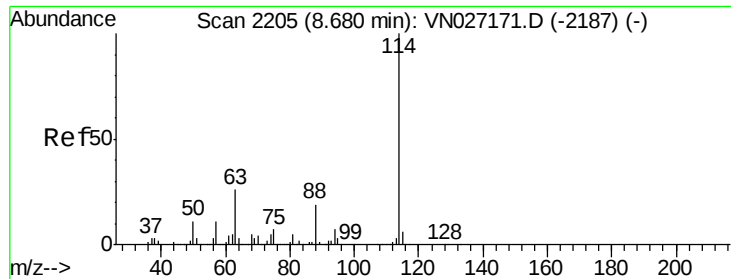
MMDadoda
 9/18/2015 12:23:36 PM



#34
 1,2-Dichloroethane-d4
 Concen: 50.83 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	110.6





#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion:114 Resp: 1019563

Ion Ratio Lower Upper

114 100

63 26.2 0.0 48.8

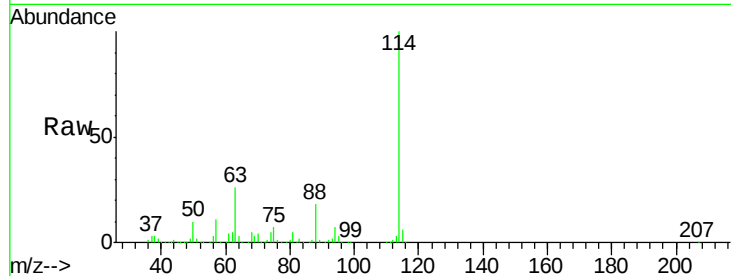
88 18.1 0.0 32.2

Manual Integrations

APPROVED

MMDadoda

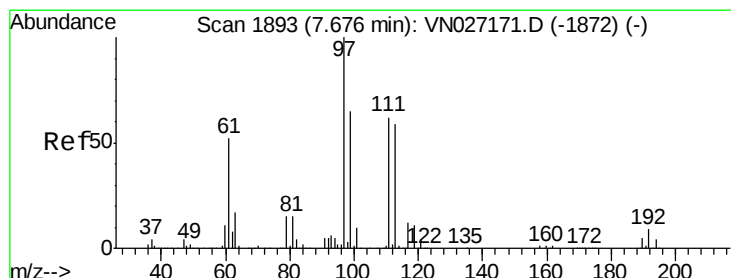
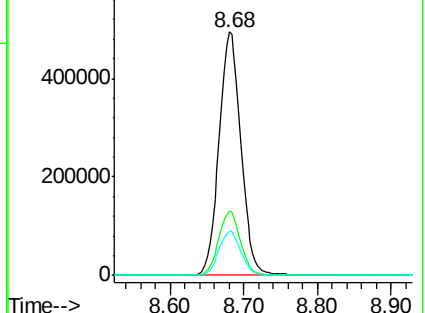
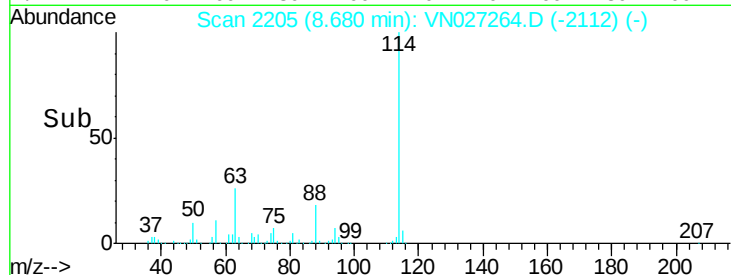
9/18/2015 12:23:36 PM



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#36

Dibromofluoromethane

Concen: 50.08 ug/l

RT: 7.68 min Scan# 1893

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

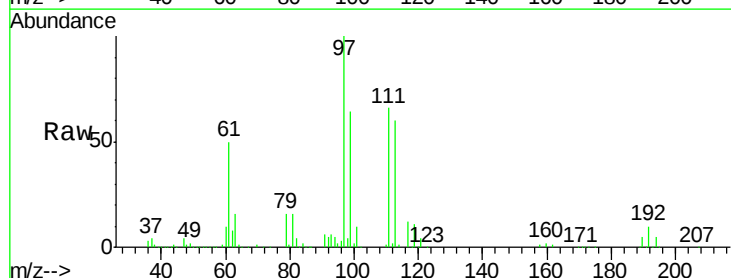
Tgt Ion:113 Resp: 353906

Ion Ratio Lower Upper

113 100

111 106.5 83.0 124.4

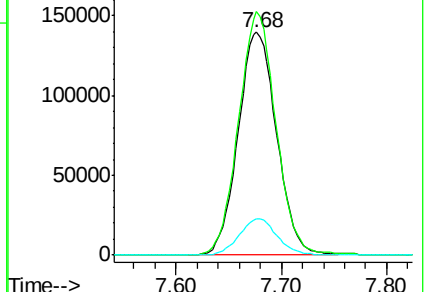
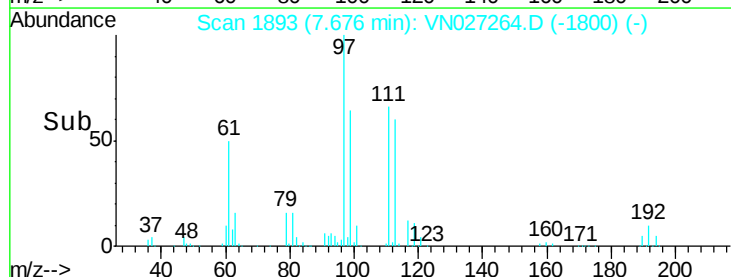
192 16.0 14.1 21.1

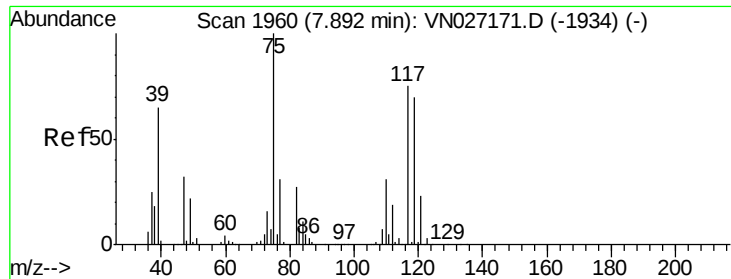


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





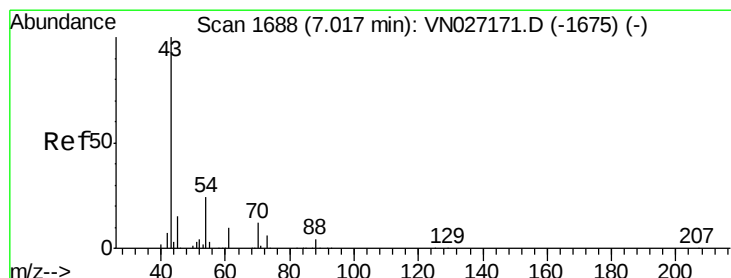
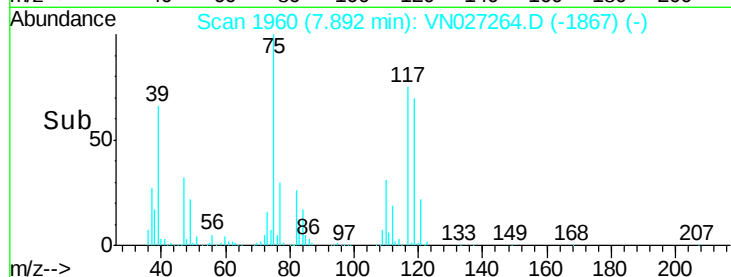
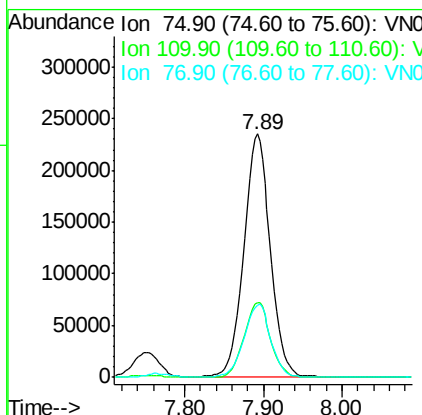
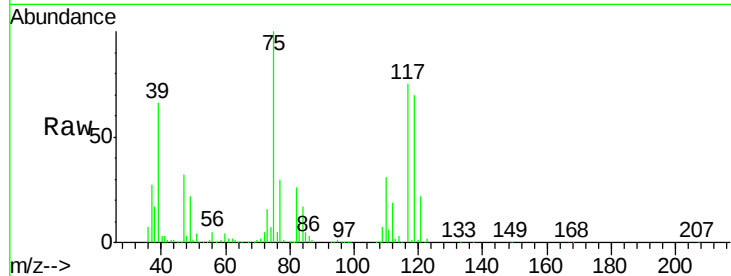
#37
 1,1-Dichloropropene
 Concen: 46.51 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	30.8	15.9	47.7	
77	30.4	24.9	37.3	

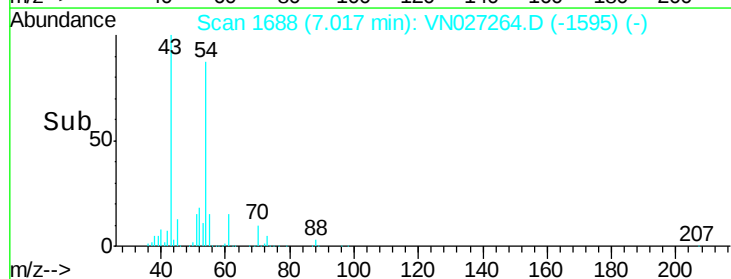
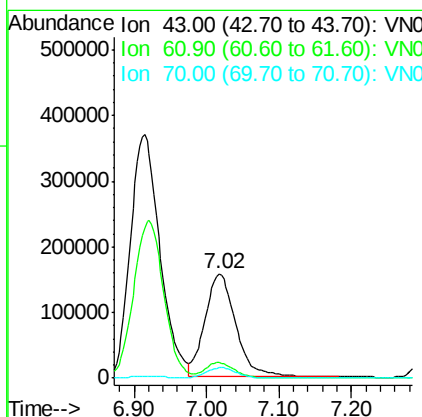
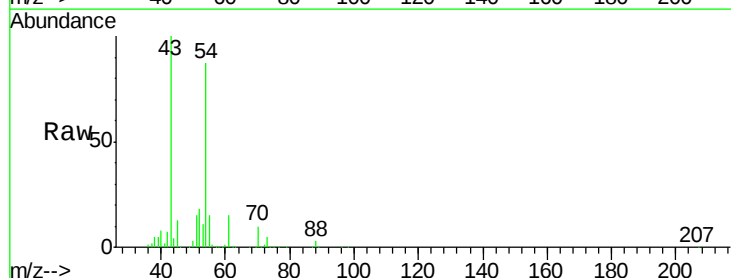
Manual Integrations
 APPROVED

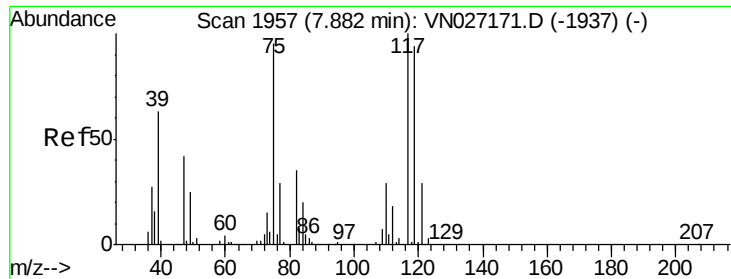
MMDadoda
 9/18/2015 12:23:36 PM



#38
 Ethyl Acetate
 Concen: 45.74 ug/l
 RT: 7.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	13.3	10.2	15.4	
70	9.5	7.4	11.0	





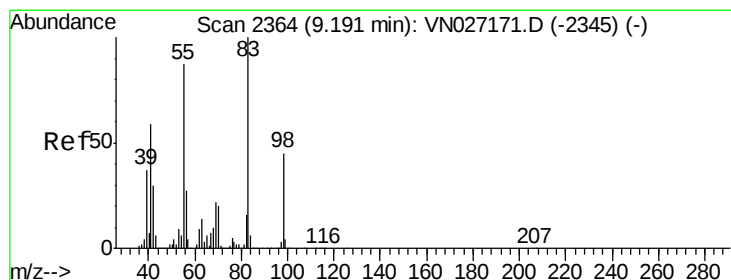
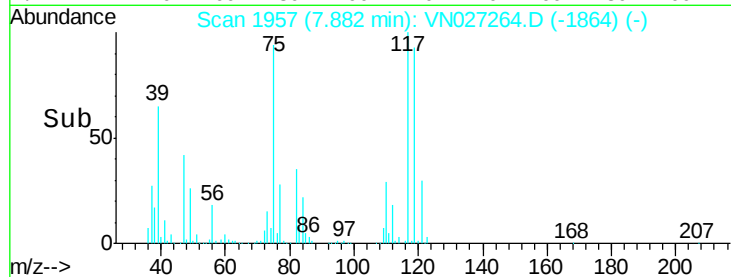
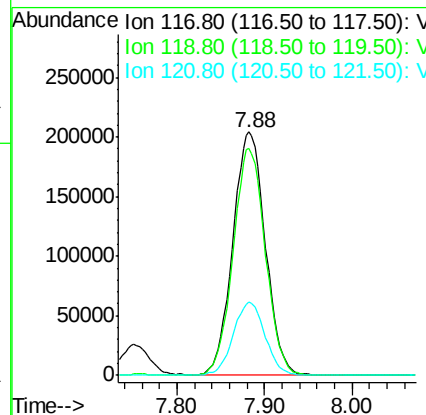
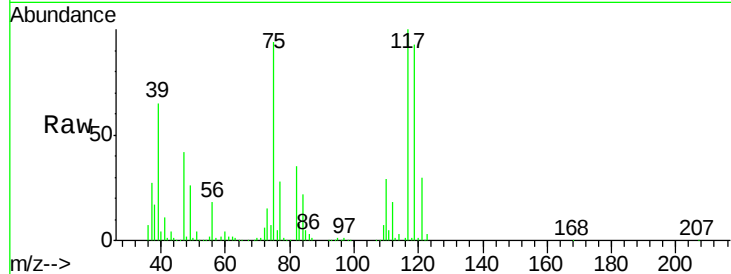
#39
Carbon Tetrachloride
Concen: 46.75 ug/l
RT: 7.88 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.3	112.9
121	30.2	23.8	35.8

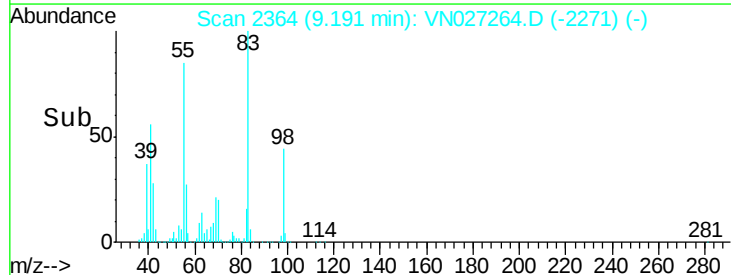
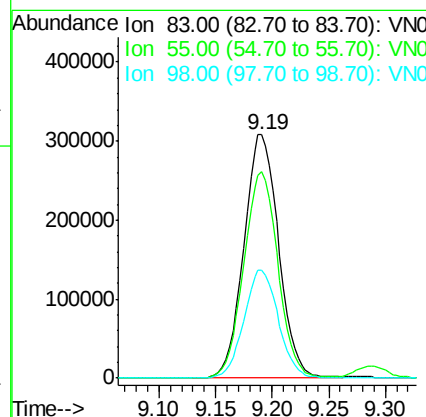
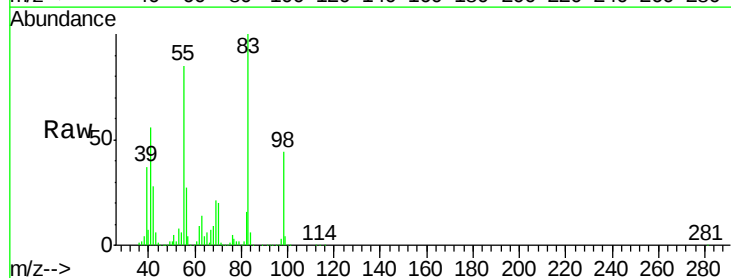
Manual Integrations
APPROVED

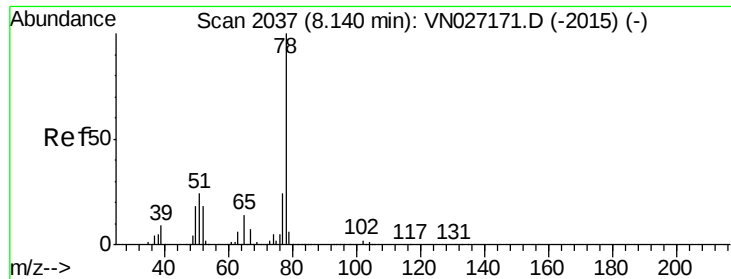
MMDadoda
9/18/2015 12:23:36 PM



#40
Methylcyclohexane
Concen: 45.41 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.5	69.8	104.8
98	44.2	34.3	51.5





#41

Benzene

Concen: 46.83 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 78 Resp: 1630887

Ion Ratio Lower Upper

78 100

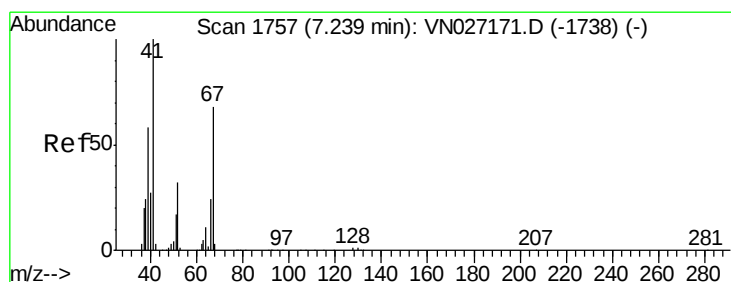
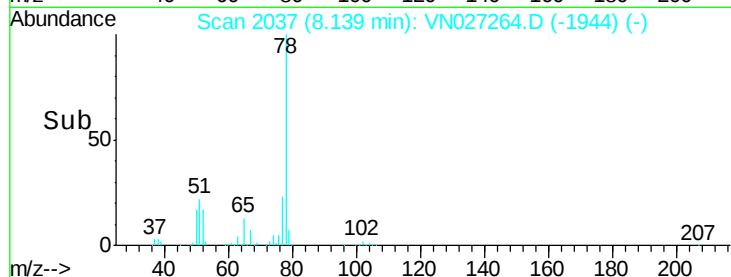
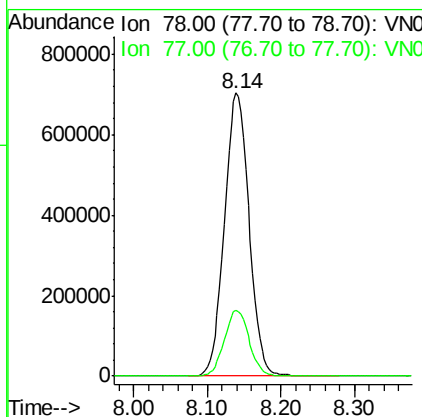
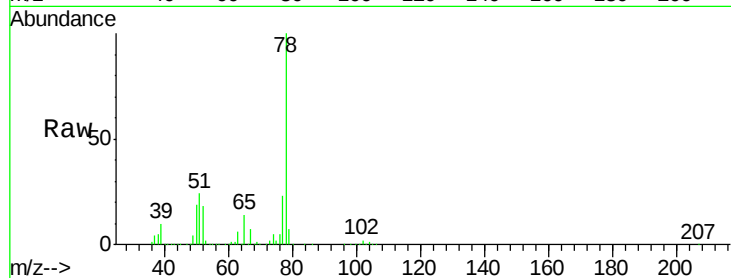
77 23.2 19.0 28.4

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#42

Methacrylonitrile

Concen: 47.54 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Tgt Ion: 41 Resp: 274299

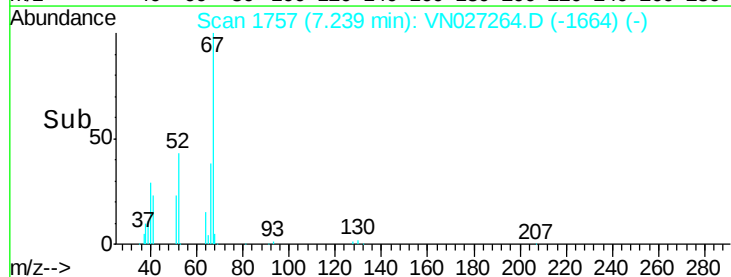
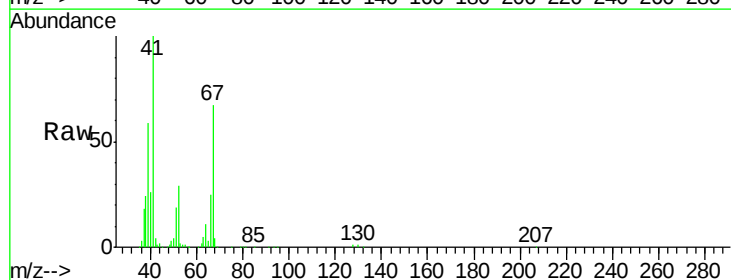
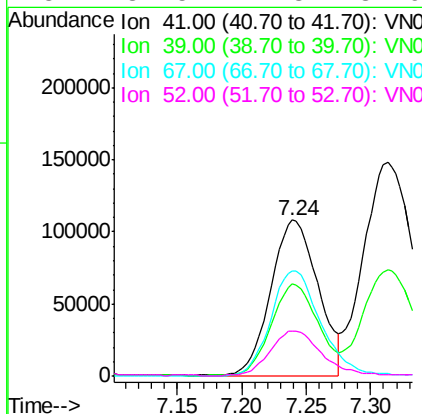
Ion Ratio Lower Upper

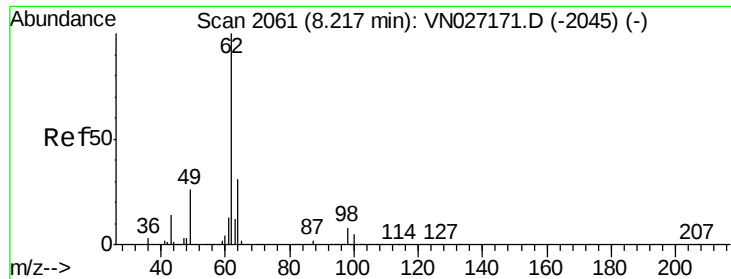
41 100

39 58.3 43.0 64.6

67 72.1 52.2 78.2

52 31.5 21.3 31.9





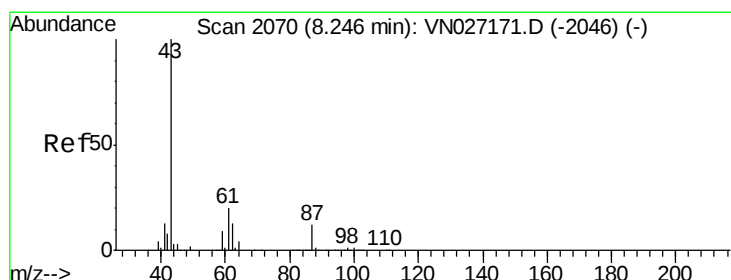
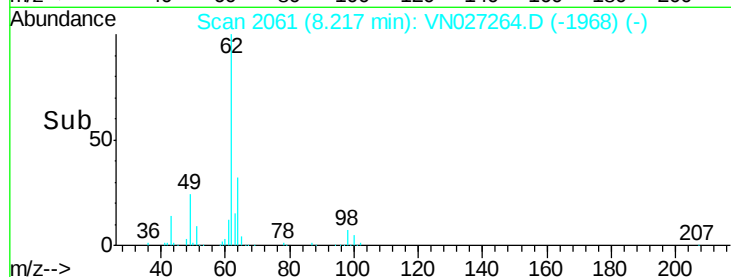
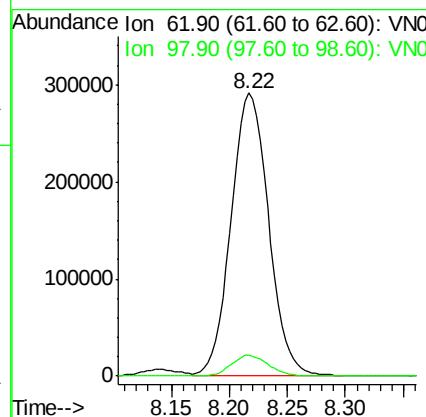
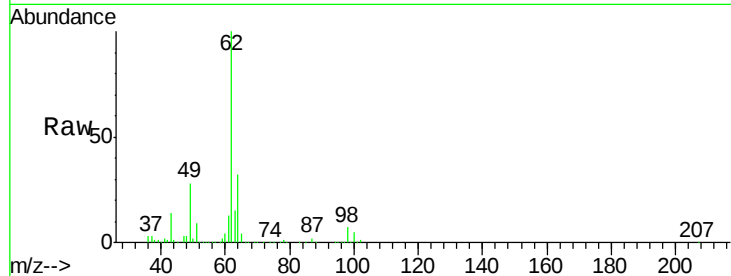
#43
 1,2-Dichloroethane
 Concen: 46.46 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tot Ion	Ratio	Resp	Lower	Upper
62	100	651817		
98	7.3	0.0	18.0	

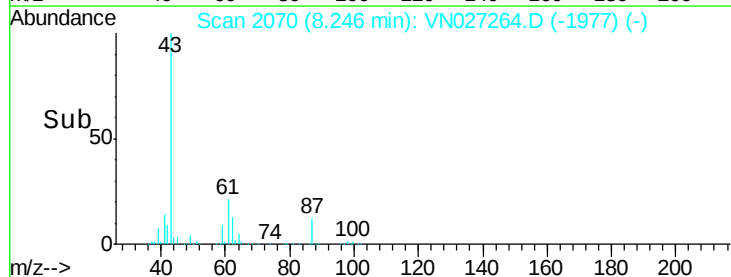
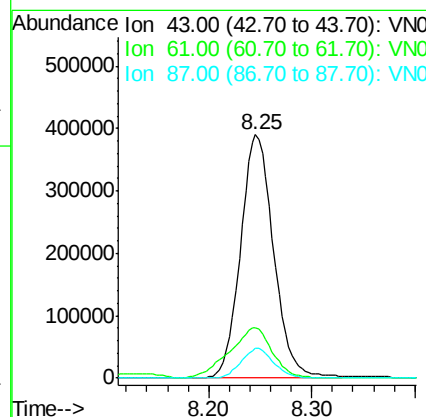
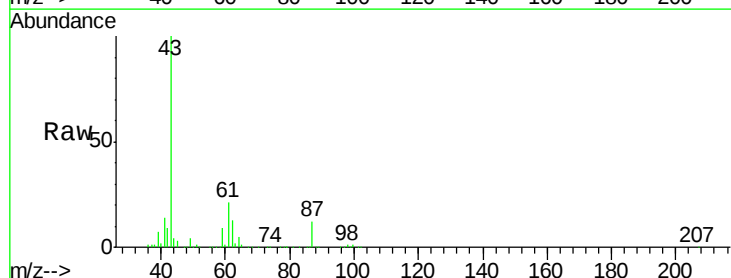
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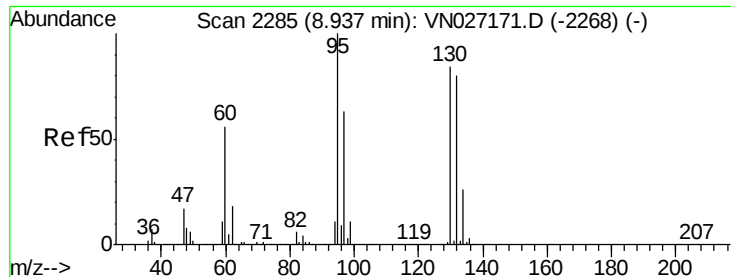
MMDadoda
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#44
 Isopropyl Acetate
 Concen: 45.37 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	865231		
61	26.5	20.6	31.0	
87	12.1	8.6	13.0	





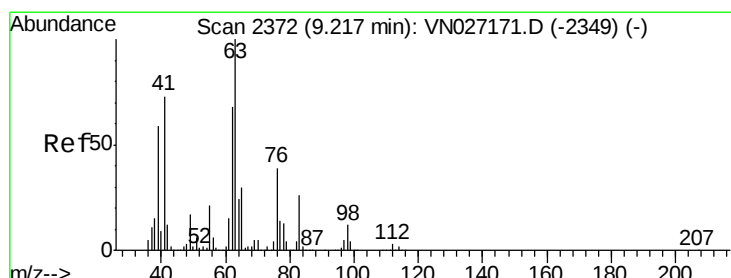
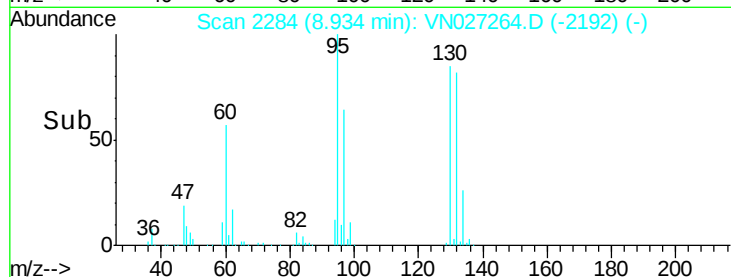
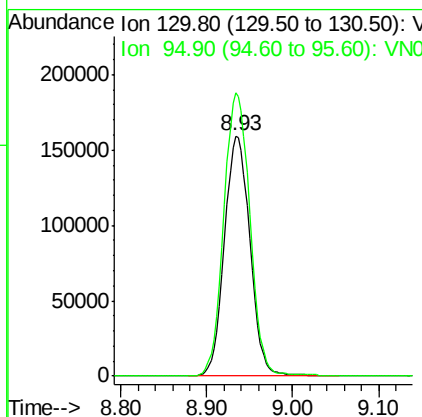
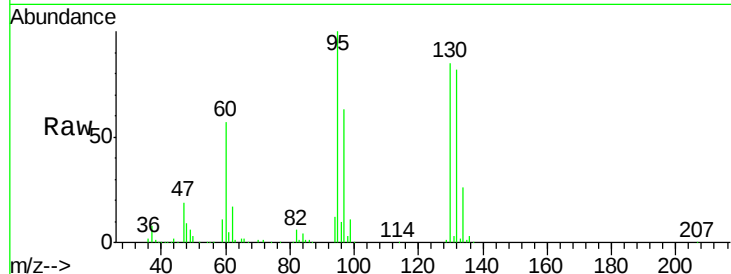
#45
 Trichloroethene
 Concen: 47.25 ug/l
 RT: 8.93 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tot Ion	Ratio	Resp	Lower	Upper
130	100	330454		
95	117.8	0.0	222.2	

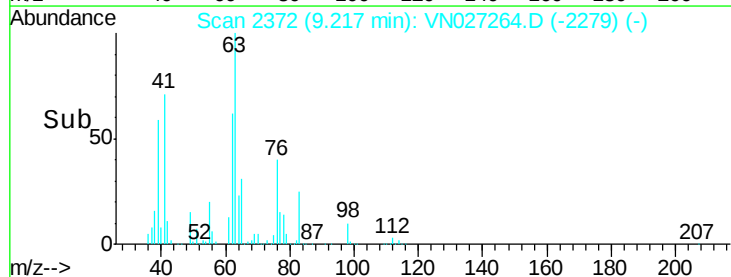
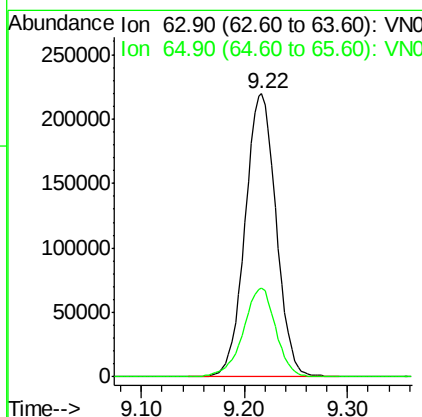
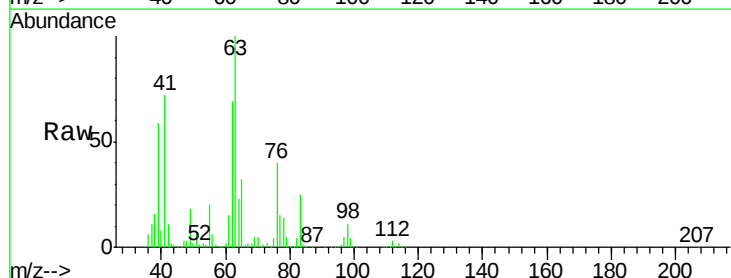
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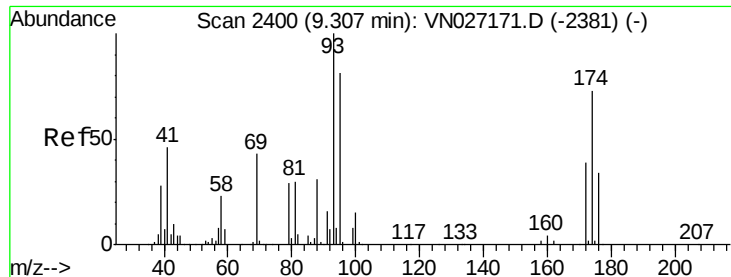
MMDadoda
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#46
 1,2-Dichloropropane
 Concen: 45.73 ug/l
 RT: 9.22 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	458137		
65	31.4	24.4	36.6	





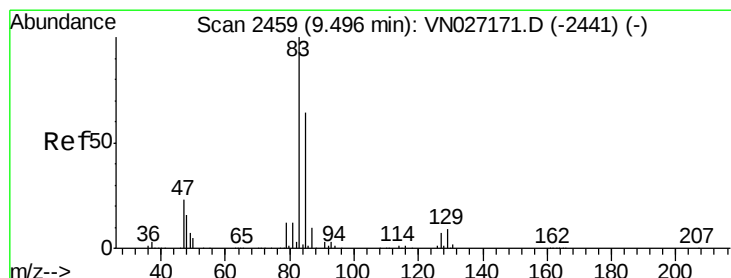
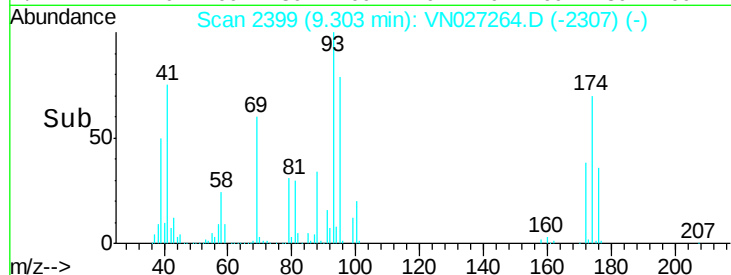
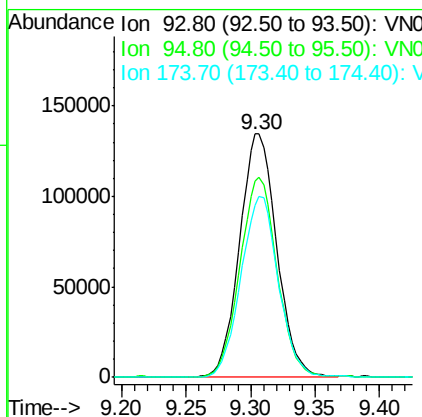
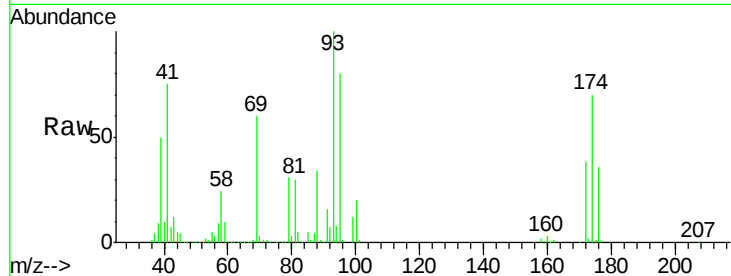
#47
Dibromomethane
Concen: 45.97 ug/l
RT: 9.30 min Scan# 2399
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.3	99.5
174	75.1	67.8	101.6

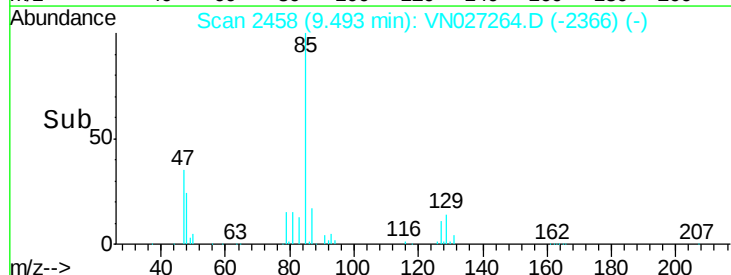
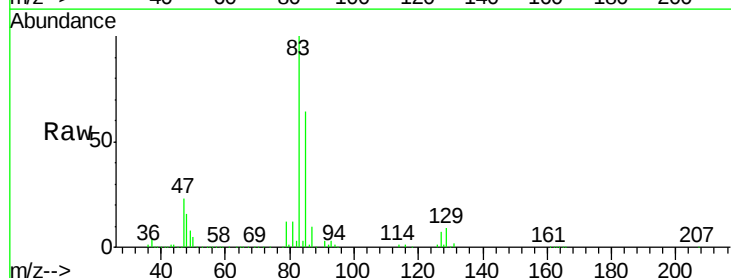
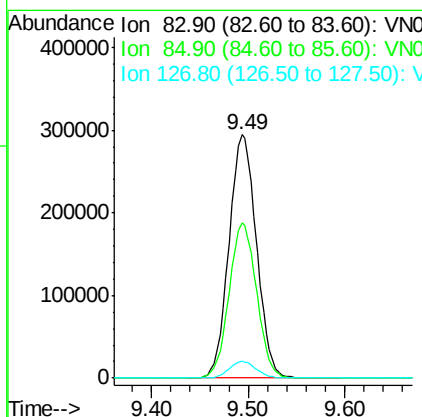
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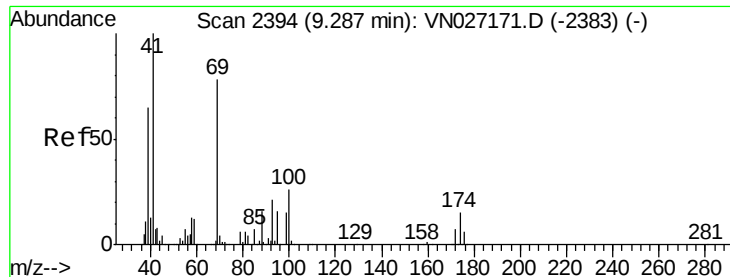
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#48
Bromodichloromethane
Concen: 46.77 ug/l
RT: 9.49 min Scan# 2458
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.7	76.1
127	6.8	5.5	8.3





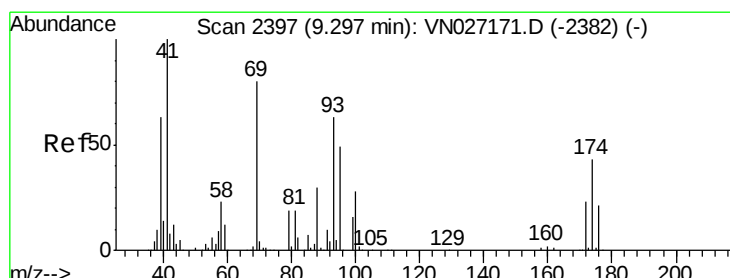
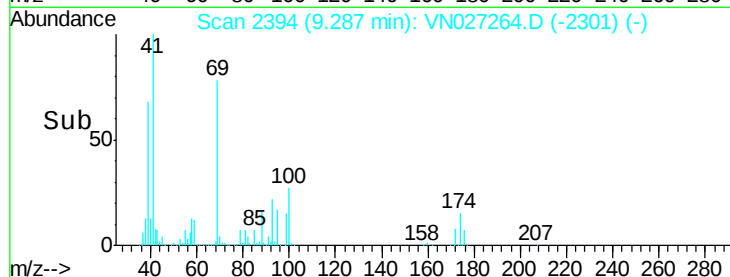
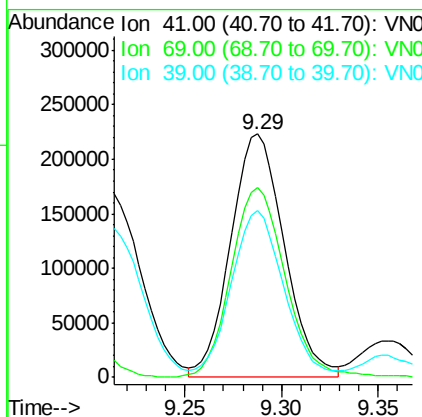
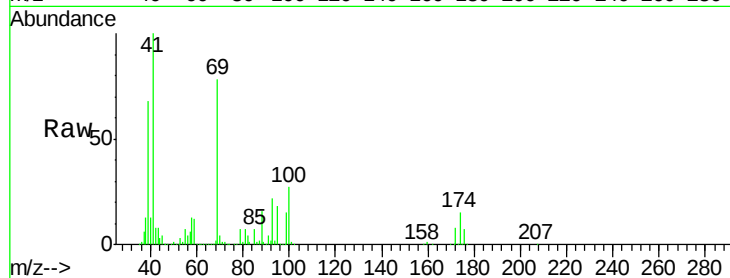
#49
Methvl methacrylate
Concen: 45.07 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ratio	Resp	Lower	Upper
41	100	428231		
69	78.3	59.3	88.9	
39	67.2	39.5	59.3#	

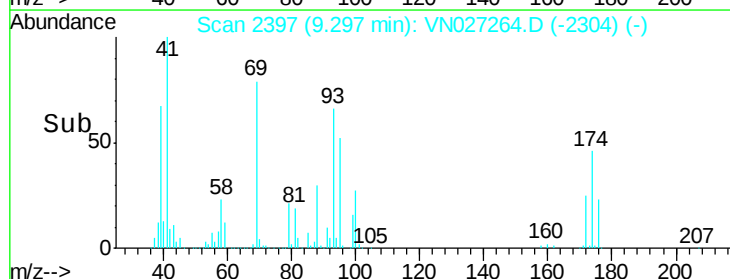
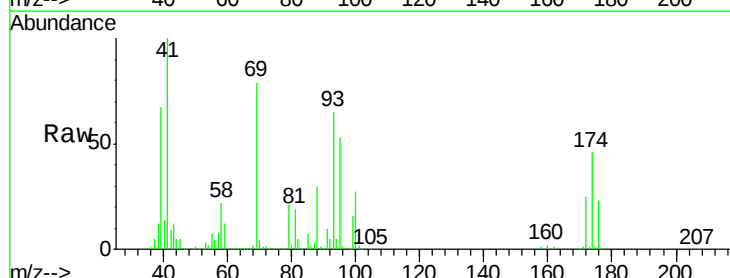
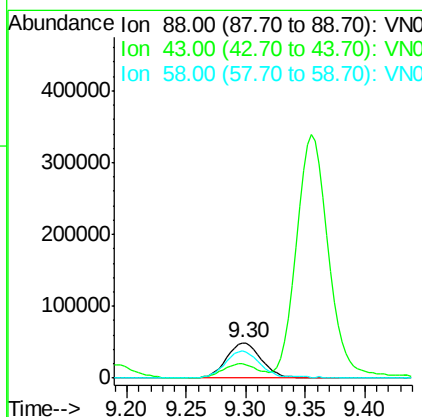
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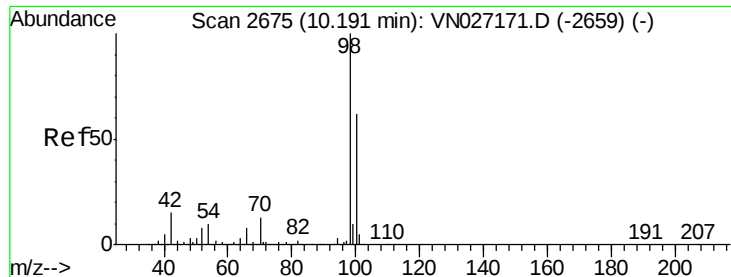
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#50
1,4-Dioxane
Concen: 898.63 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	100147		
43	38.8	27.6	41.4	
58	77.5	63.1	94.7	





#51

Toluene-d8

Concen: 49.22 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 98 Resp: 1362031

Ion Ratio Lower Upper

98 100

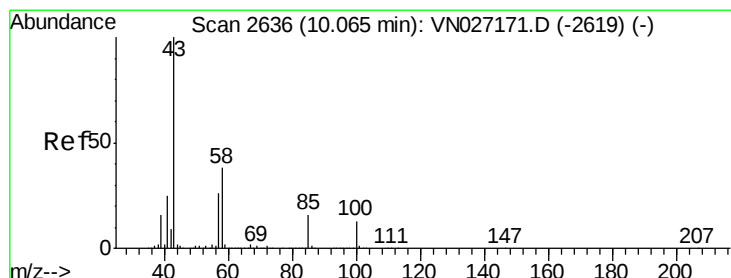
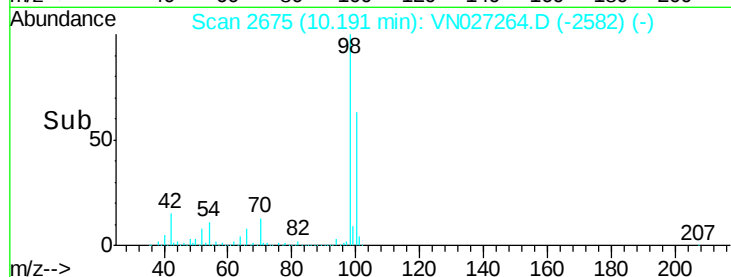
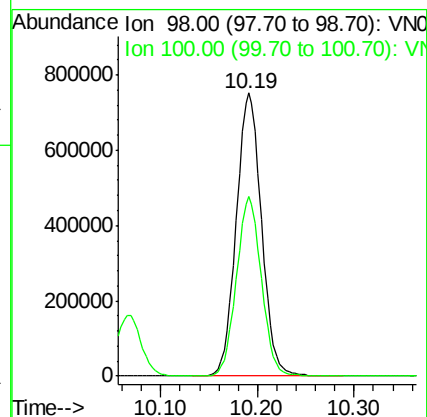
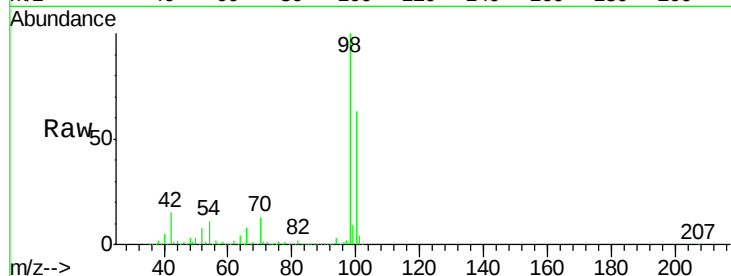
100 62.6 50.5 75.7

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#52

4-Methyl-2-Pentanone

Concen: 228.63 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027264.D

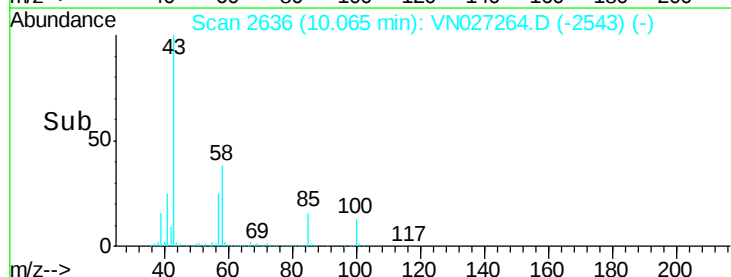
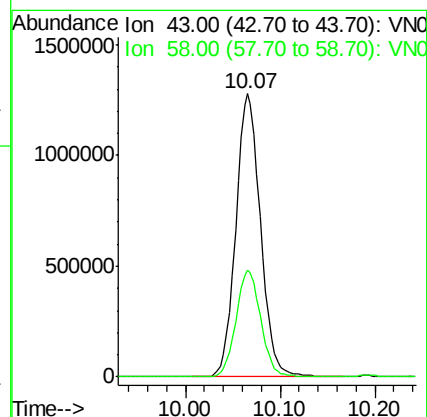
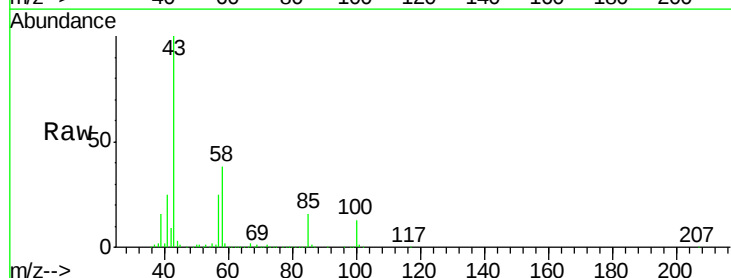
Acq: 17 Sep 2015 19:22

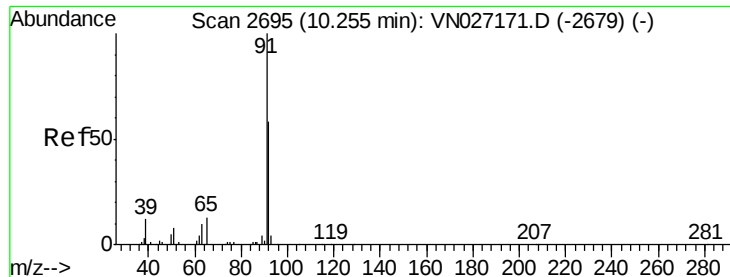
Tgt Ion: 43 Resp: 2305471

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.8





#53

Toluene

Concen: 46.69 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 92 Resp: 952449

Ion Ratio Lower Upper

92 100

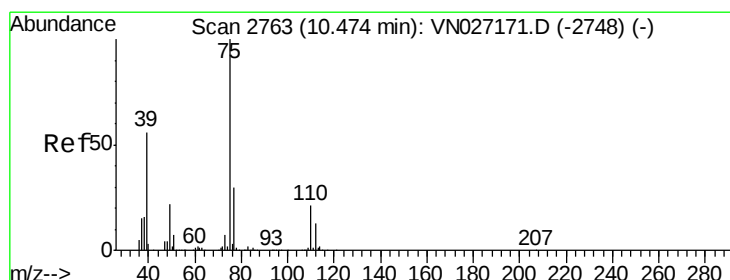
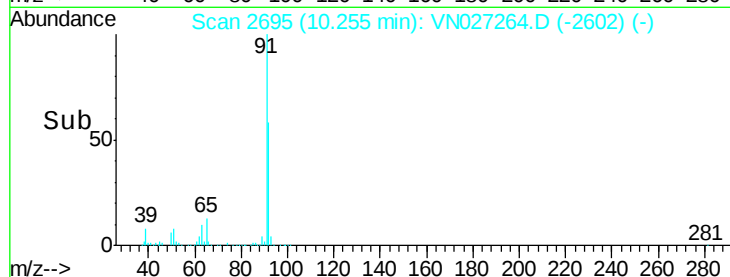
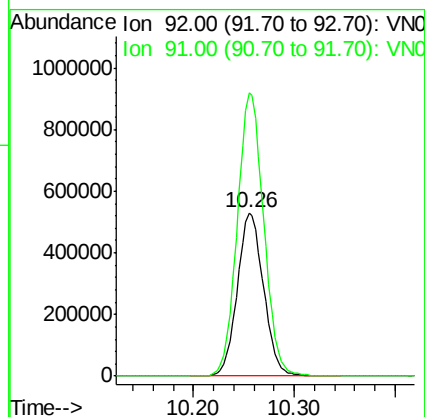
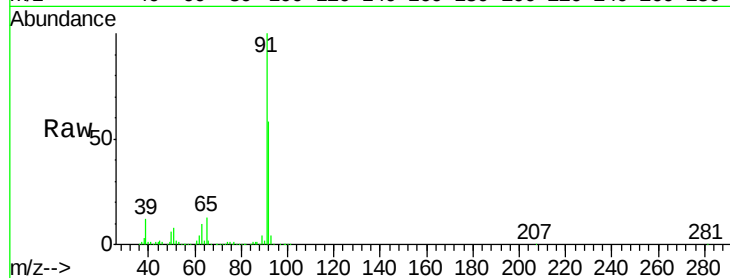
91 175.3 141.4 212.2

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#54

t-1,3-Dichloropropene

Concen: 45.26 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VN027264.D

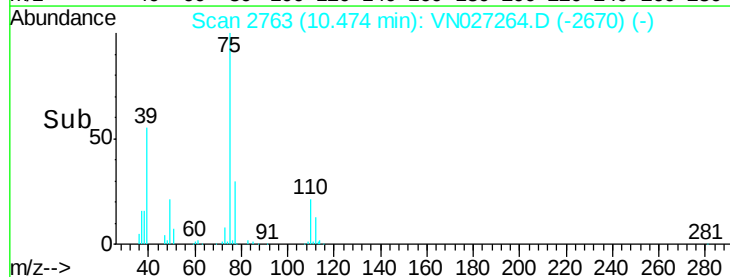
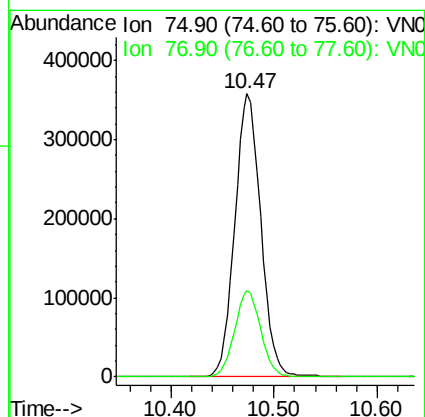
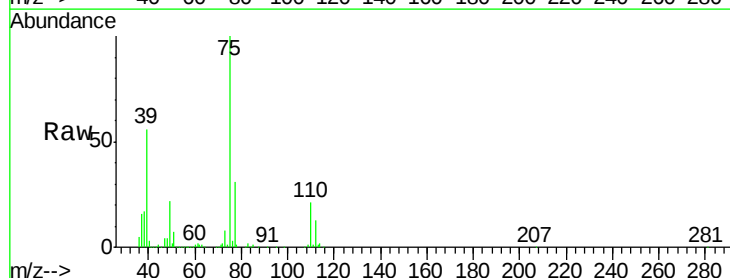
Acq: 17 Sep 2015 19:22

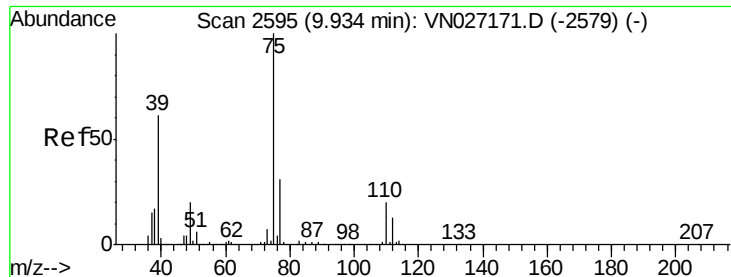
Tgt Ion: 75 Resp: 630031

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.2





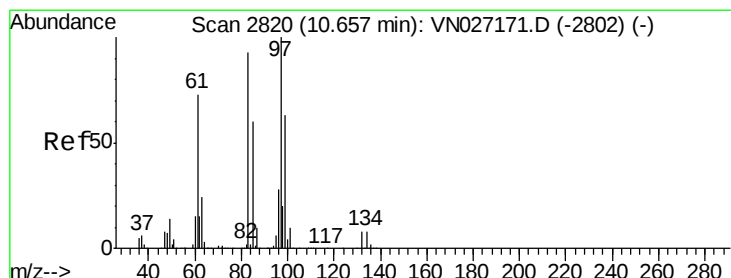
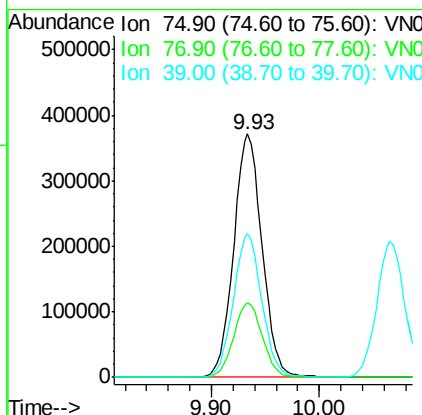
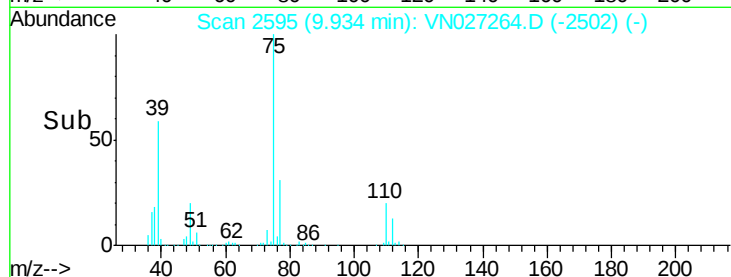
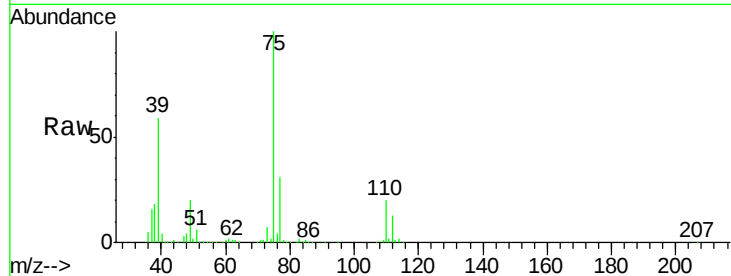
#55
 cis-1,3-Dichloropropene
 Concen: 44.91 ug/l
 RT: 9.93 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.6	38.4
39	59.2	41.6	62.4

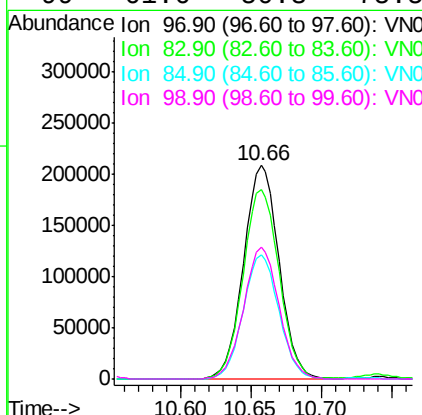
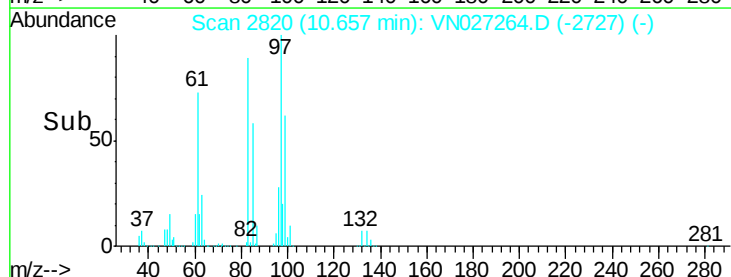
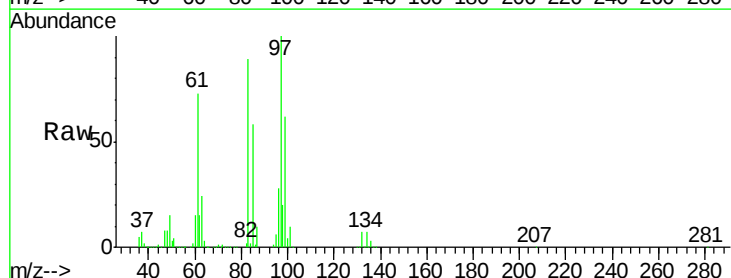
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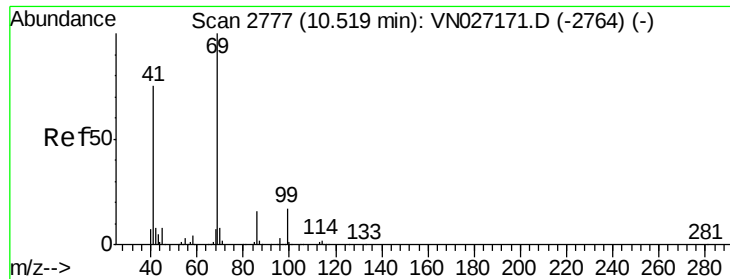
MMDadoda
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#56
 1,1,2-Trichloroethane
 Concen: 47.88 ug/l
 RT: 10.66 min Scan# 2820
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	75.0	112.4
85	58.0	48.0	72.0
99	61.6	50.3	75.5





#57

Ethyl methacrylate

Concen: 46.16 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

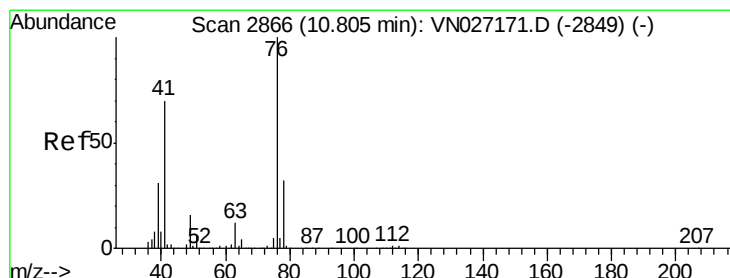
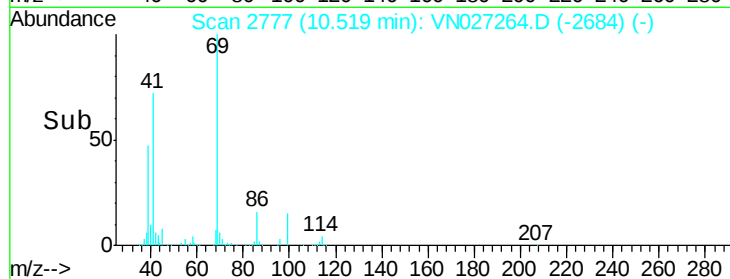
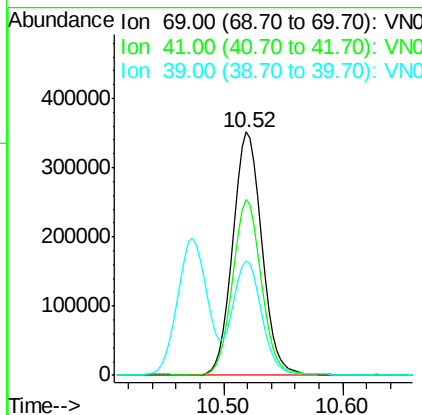
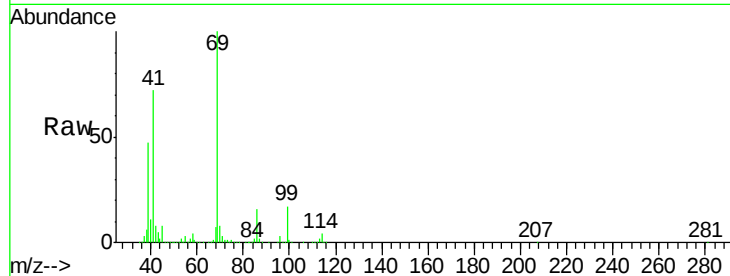
ClientSampleId :

MW-12-9-15-15MS

Tot Ion:	69	Resp:	596281
Ion Ratio	Lower	Upper	
69	100		
41	71.1	61.3	91.9
39	47.6	28.4	42.6

Manual Integrations
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#58

1,3-Dichloropropane

Concen: 47.22 ug/l

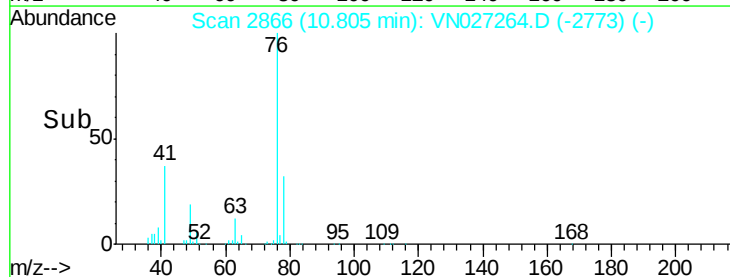
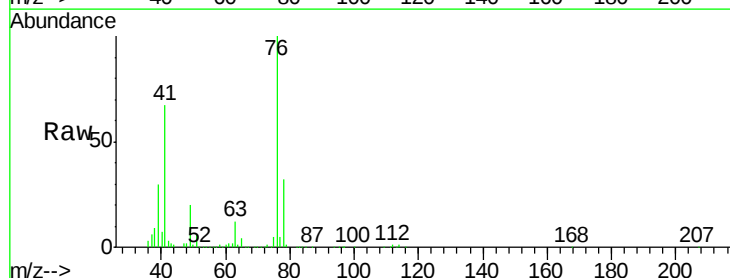
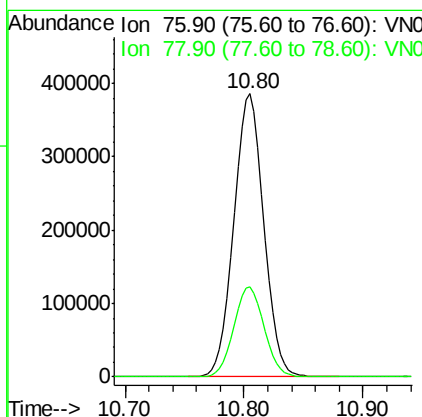
RT: 10.80 min Scan# 2866

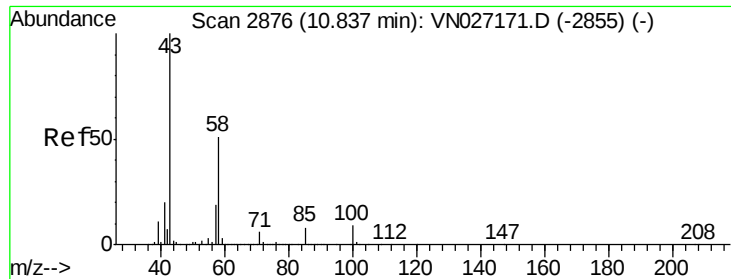
Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Tgt Ion:	76	Resp:	671909
Ion Ratio	Lower	Upper	
76	100		
78	32.3	25.0	37.6





#60

2-Hexanone

Concen: 225.61 ug/l

RT: 10.84 min Scan# 2876

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 43 Resp: 1548955

Ion Ratio Lower Upper

43 100

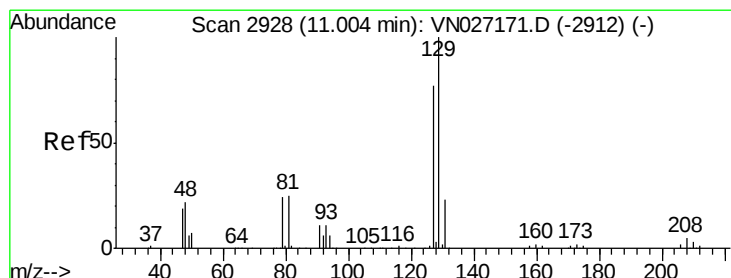
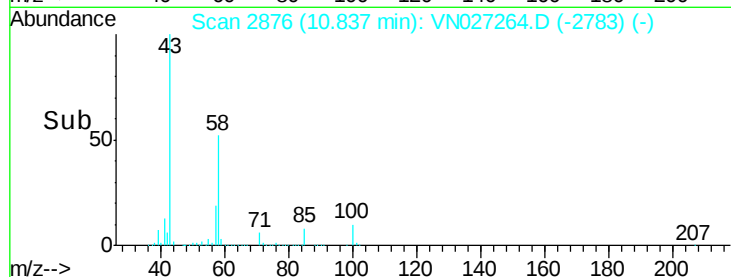
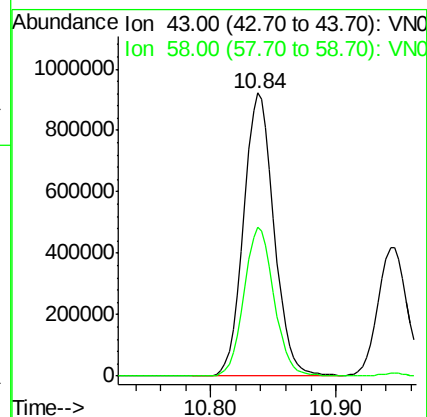
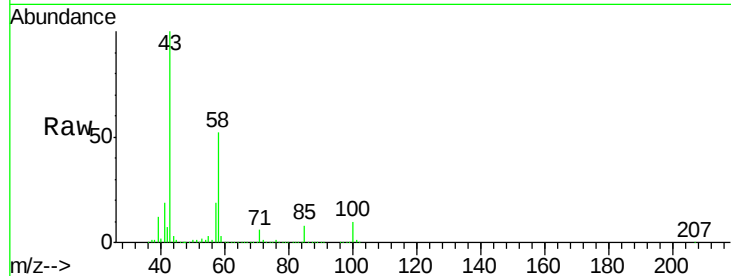
58 52.2 26.2 78.5

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#61

Dibromochloromethane

Concen: 46.04 ug/l

RT: 11.00 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VN027264.D

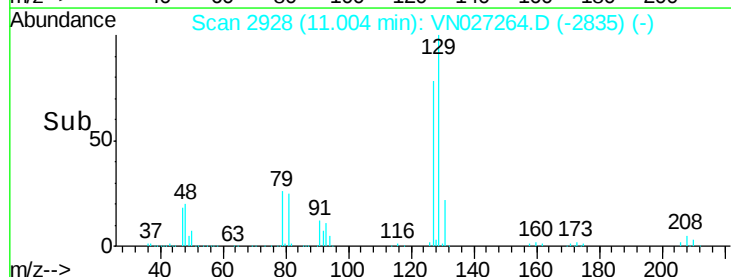
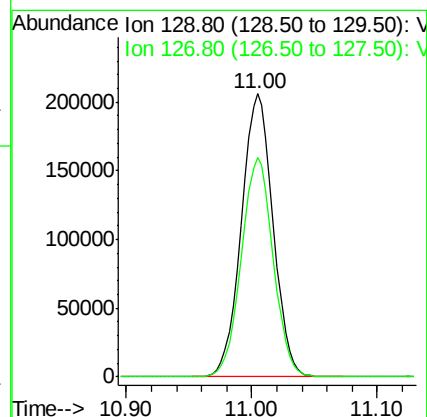
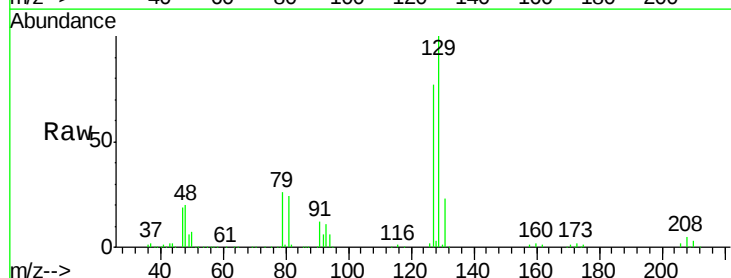
Acq: 17 Sep 2015 19:22

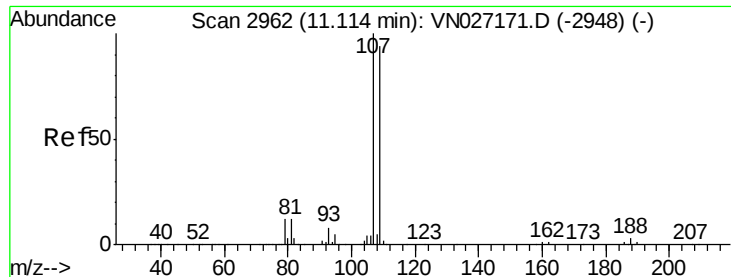
Tgt Ion: 129 Resp: 360437

Ion Ratio Lower Upper

129 100

127 77.7 39.1 117.2





#62

1,2-Dibromoethane

Concen: 46.78 ug/l

RT: 11.11 min Scan# 2962

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 107 Resp: 352429

Ion Ratio Lower Upper

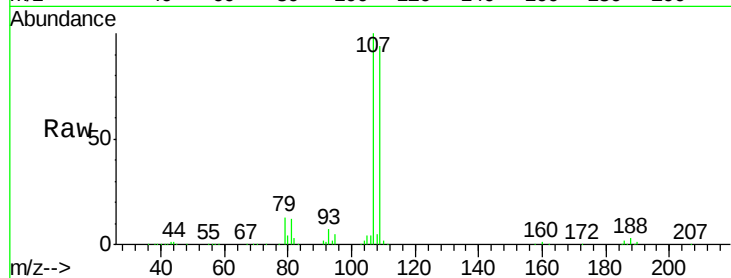
107 100

109 95.9 75.6 113.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.11

200000

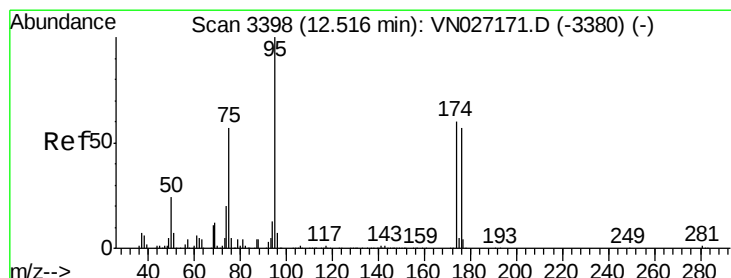
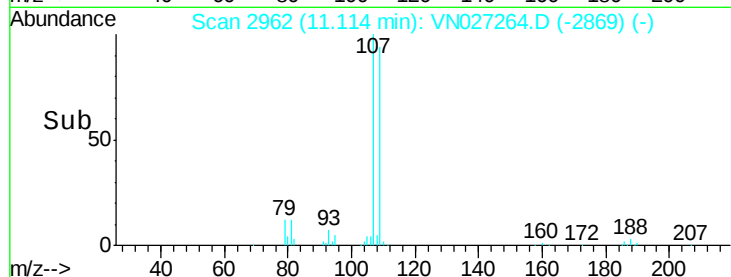
150000

100000

50000

0

Time-->



#63

4-Bromofluorobenzene

Concen: 49.17 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

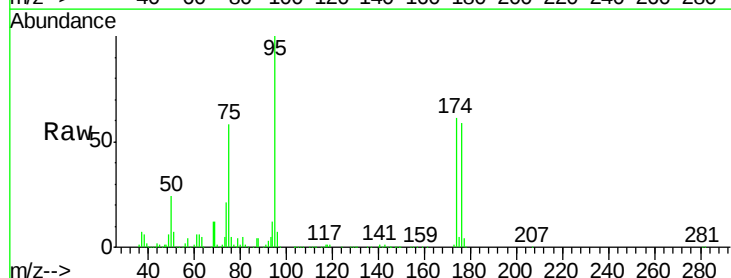
Tgt Ion: 95 Resp: 482898

Ion Ratio Lower Upper

95 100

174 61.1 0.0 137.0

176 60.5 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.52

400000

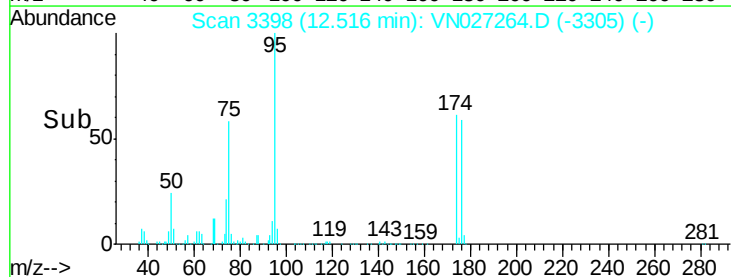
300000

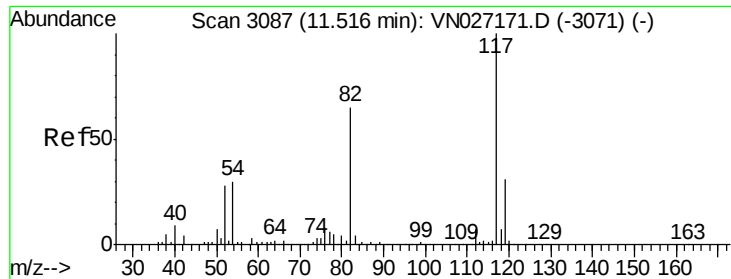
200000

100000

0

Time-->





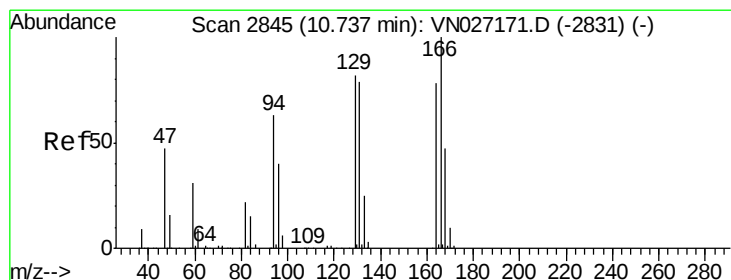
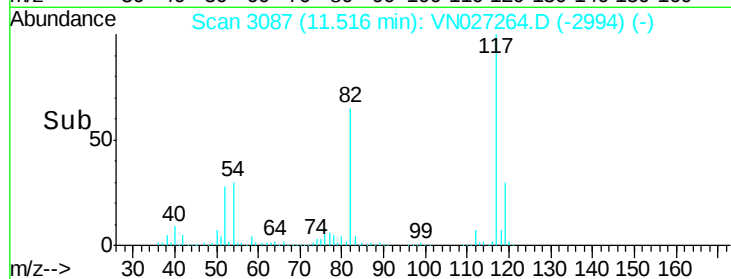
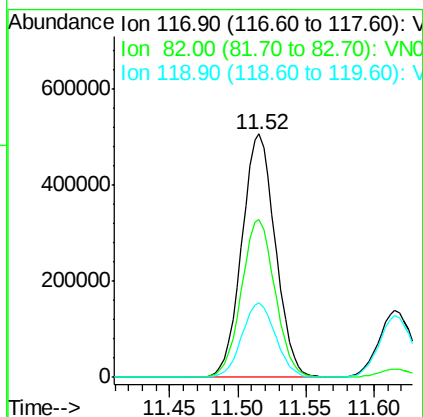
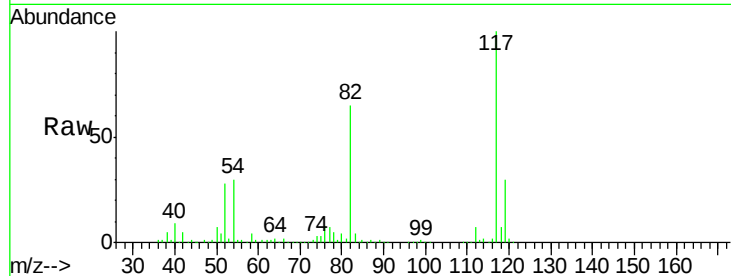
#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.9	49.6	74.4
119	30.4	24.6	36.8

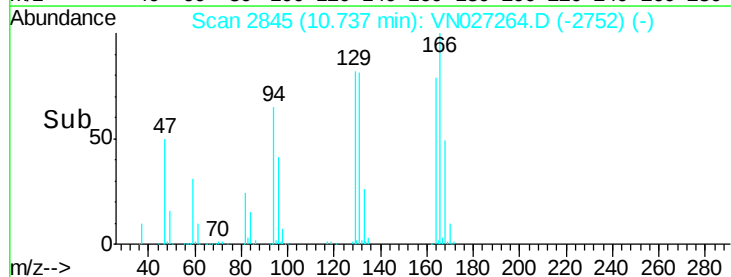
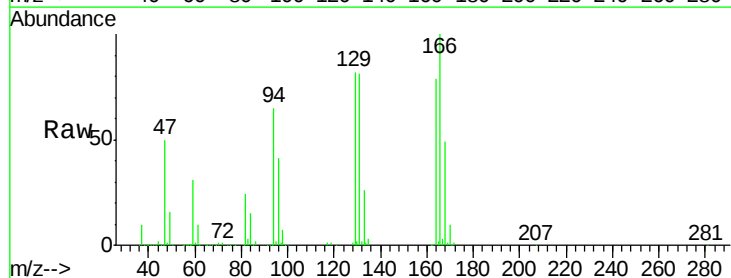
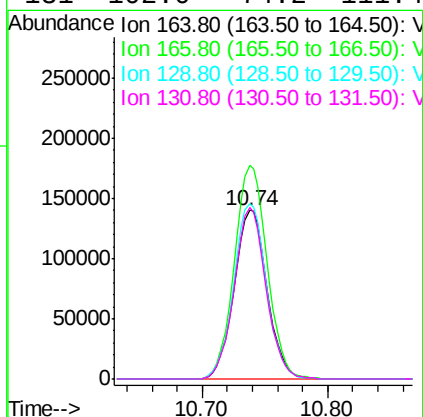
Manual Integrations
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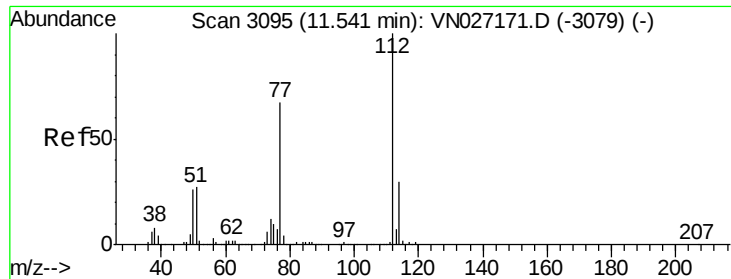
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#65
Tetrachloroethene
Concen: 46.23 ug/l
RT: 10.74 min Scan# 2845
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	103.4	155.0
129	103.9	77.5	116.3
131	102.0	74.2	111.4





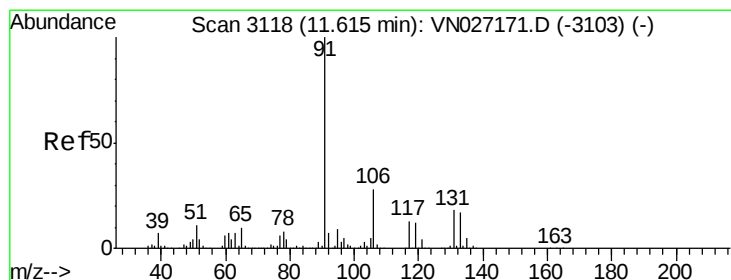
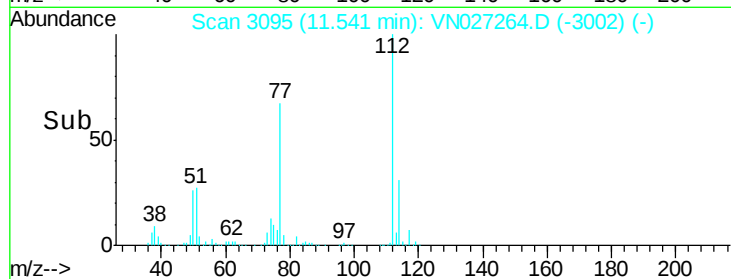
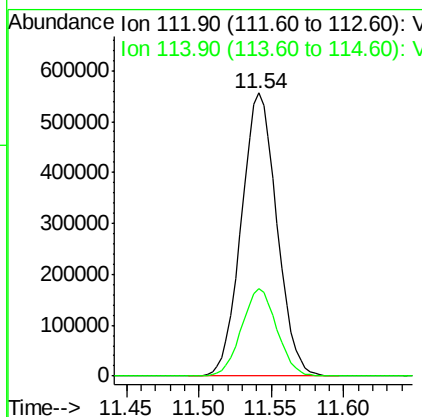
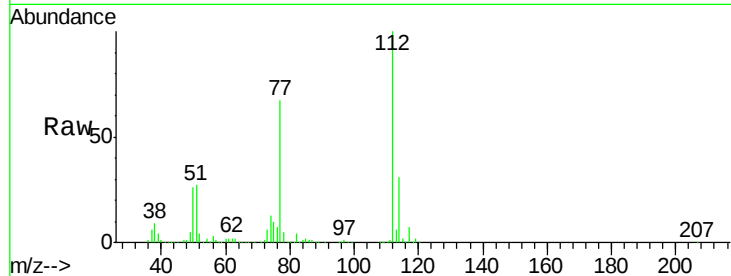
#66
Chlorobenzene
Concen: 46.53 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.7	24.9	37.3

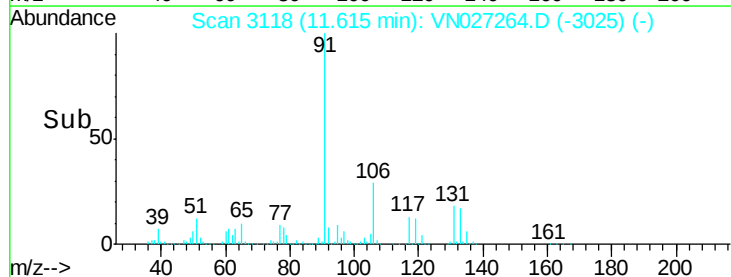
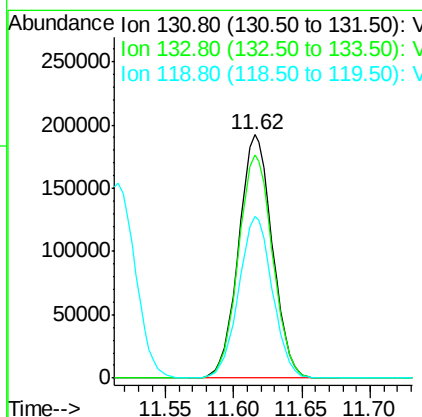
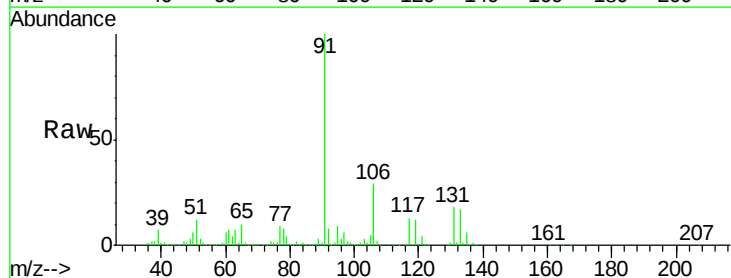
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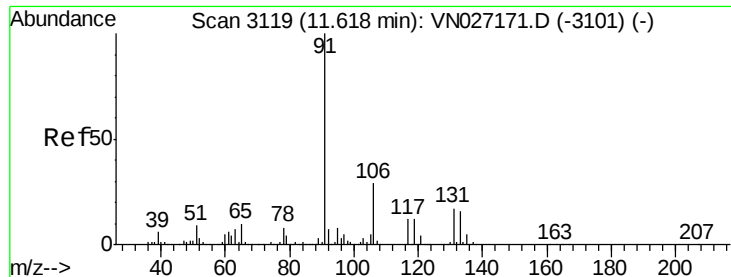
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#67
1,1,1,2-Tetrachloroethane
Concen: 47.19 ug/l
RT: 11.62 min Scan# 3118
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.2	47.0	141.2
119	66.6	35.1	105.5





#68

Ethyl Benzene

Concen: 46.85 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion: 91 Resp: 1812075

Ion Ratio Lower Upper

91 100

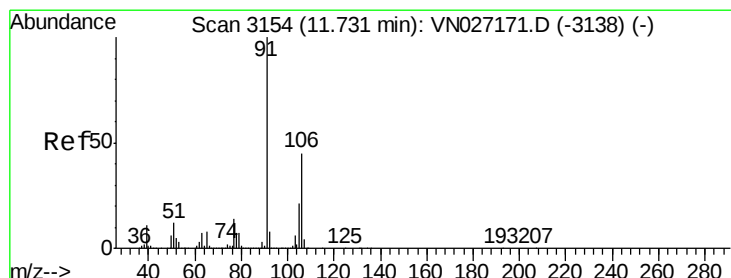
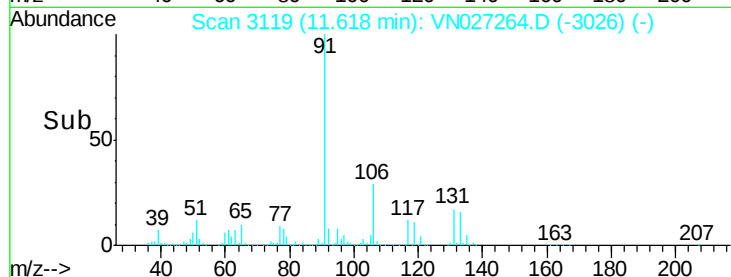
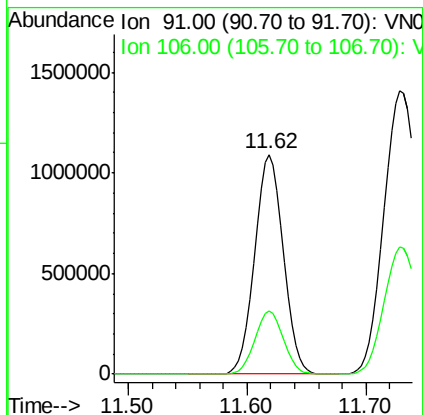
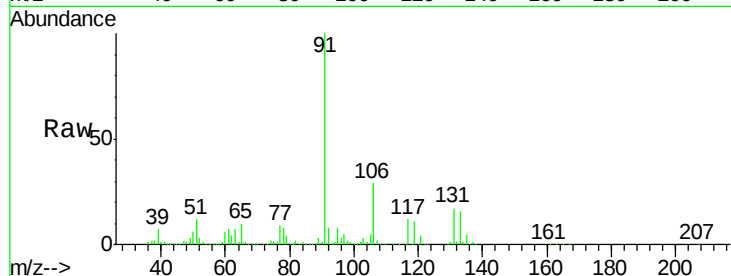
106 28.9 23.1 34.7

Manual Integrations

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#69

m/p-Xylenes

Concen: 94.05 ug/l

RT: 11.73 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VN027264.D

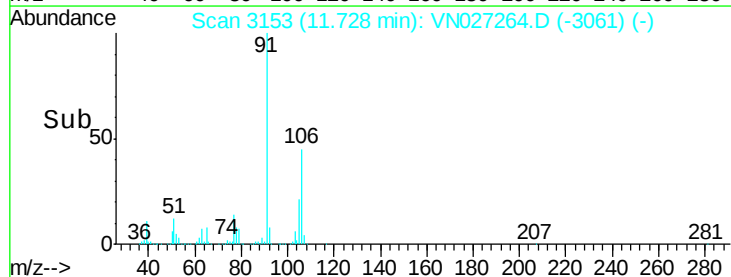
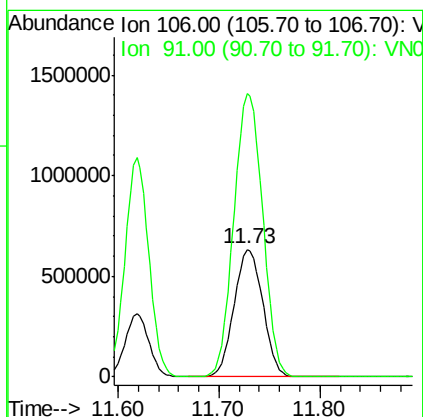
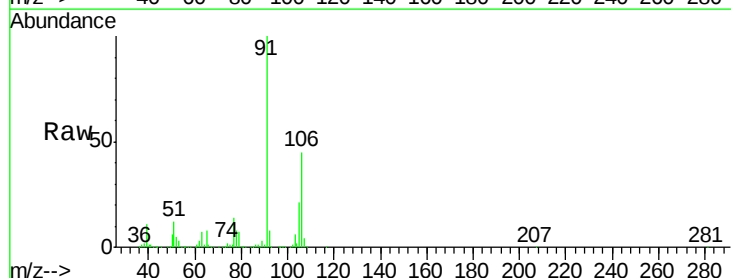
Acq: 17 Sep 2015 19:22

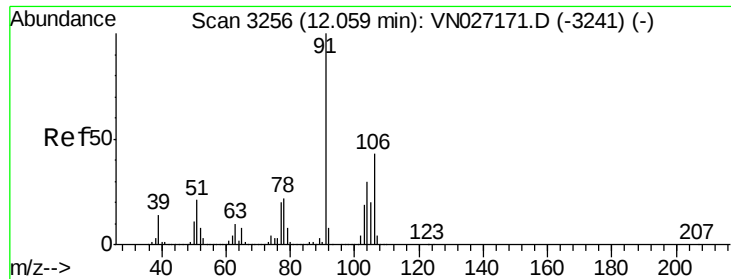
Tgt Ion: 106 Resp: 1255050

Ion Ratio Lower Upper

106 100

91 222.7 167.1 250.7





#70

o-Xylene

Concen: 46.39 ug/l

RT: 12.06 min Scan# 3255

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion:106 Resp: 620621

Ion Ratio Lower Upper

106 100

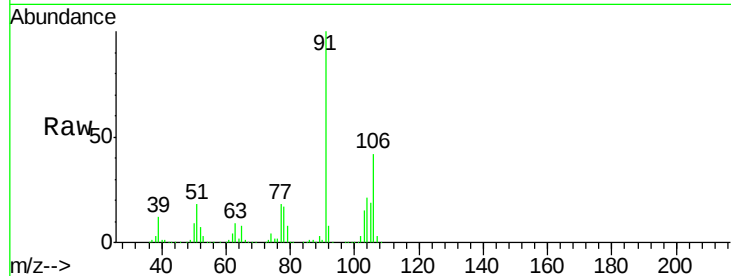
91 237.2 110.7 331.9

Manual Integrations

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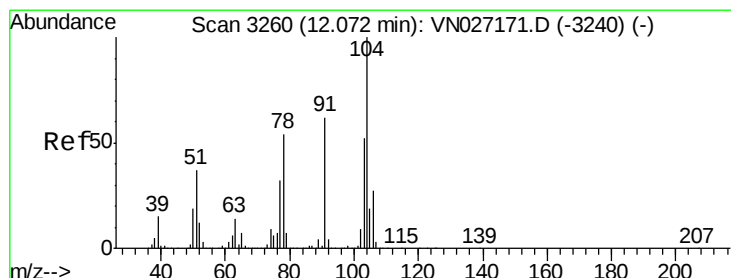
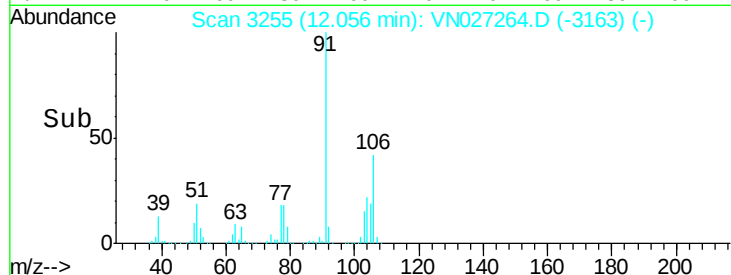
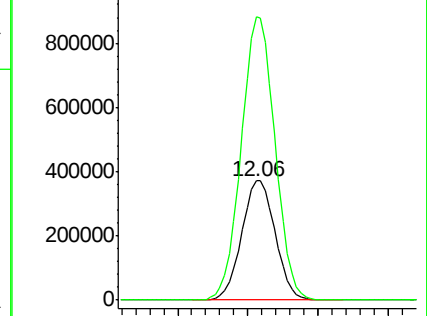
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Styrene

Concen: 47.53 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

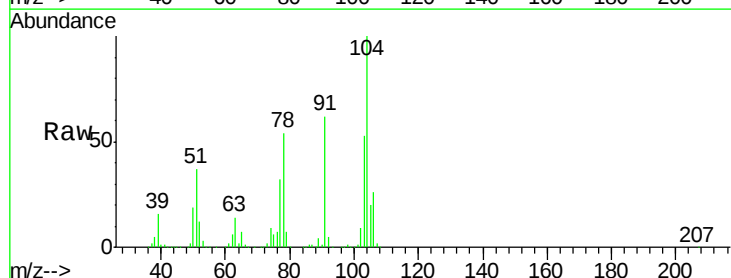
Tgt Ion:104 Resp: 1026360

Ion Ratio Lower Upper

104 100

78 58.5 41.6 62.4

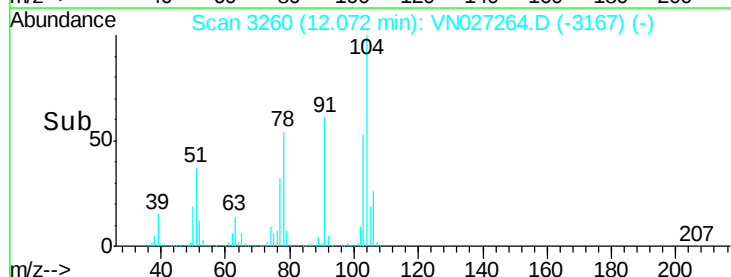
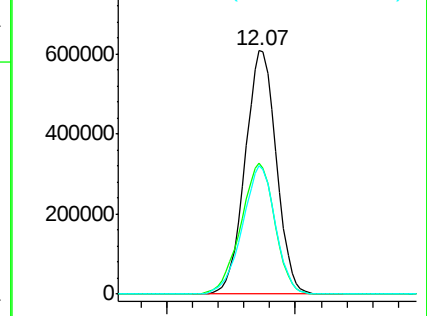
103 55.8 44.2 66.2

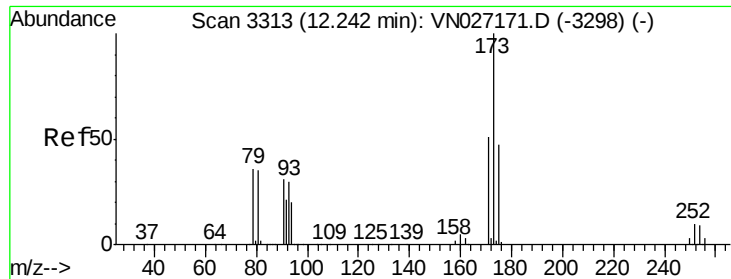


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#72

Bromoform

Concen: 46.31 ug/l

RT: 12.24 min Scan# 3313

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion:173 Resp: 224059

Ion Ratio Lower Upper

173 100

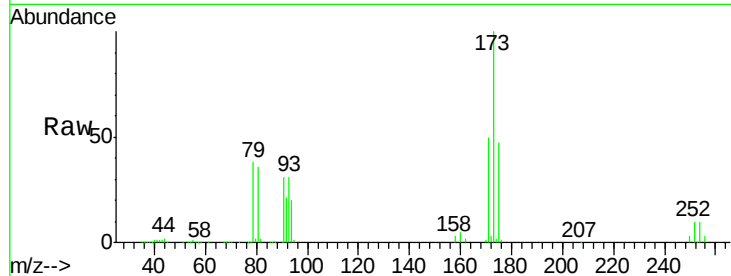
175 47.3 24.4 73.4

254 0.0 0.1 0.1#

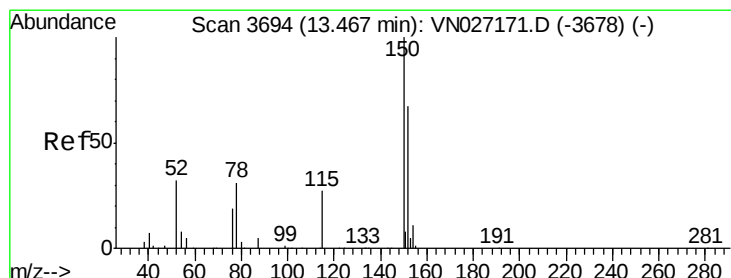
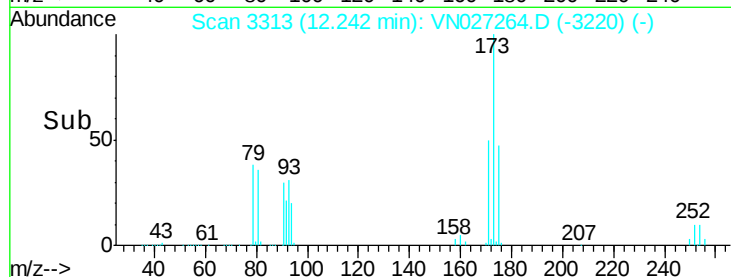
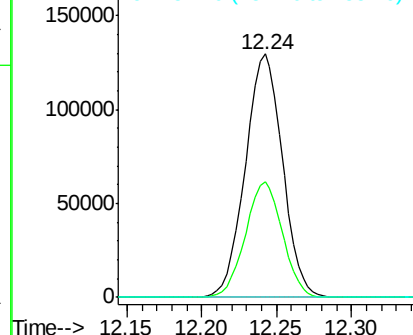
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

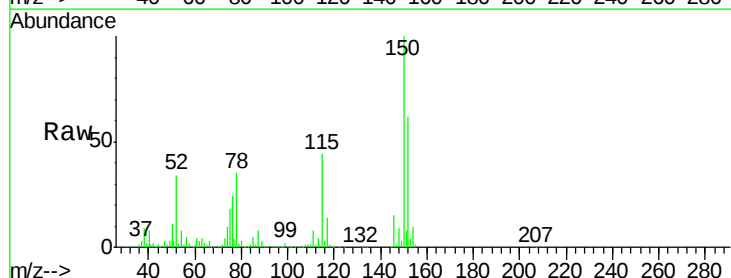
Tgt Ion:152 Resp: 328316

Ion Ratio Lower Upper

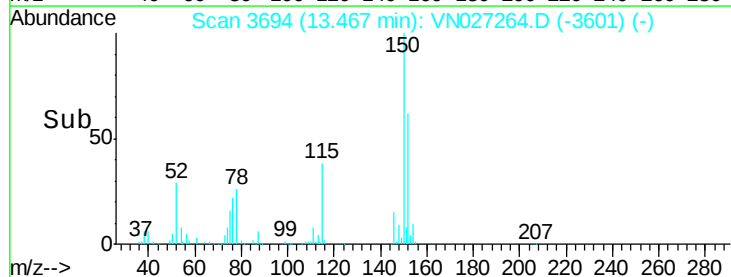
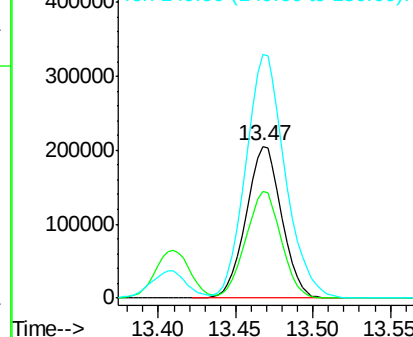
152 100

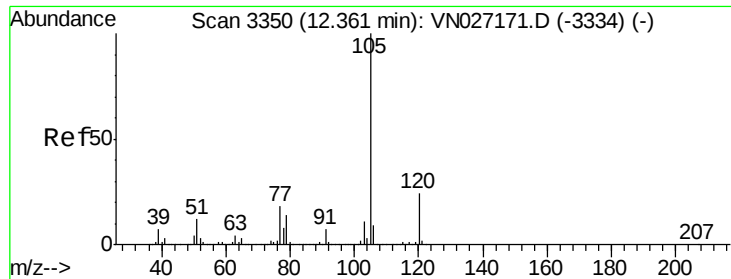
115 70.0 30.8 92.3

150 177.6 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





#74

Isopropylbenzene

Concen: 46.57 ug/l

RT: 12.36 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion:105 Resp: 1684730

Ion Ratio Lower Upper

105 100

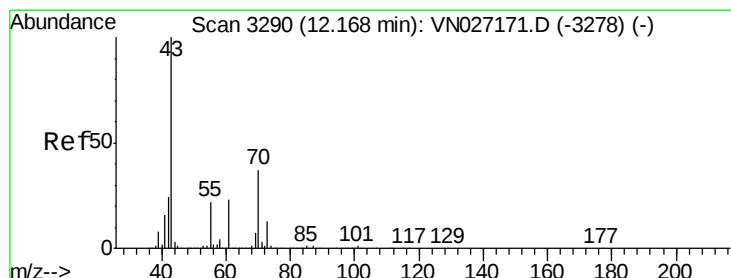
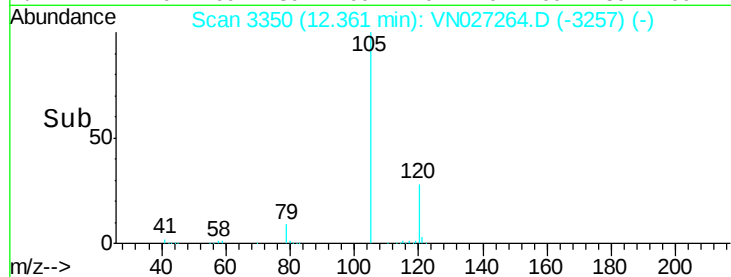
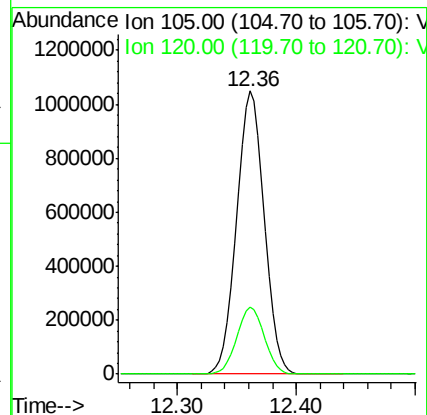
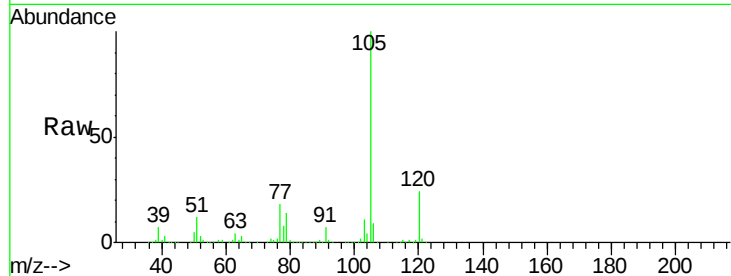
120 23.7 12.4 37.2

Manual Integrations

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#75

N-ethyl acetate

Concen: 45.48 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Tgt Ion: 43 Resp: 734371

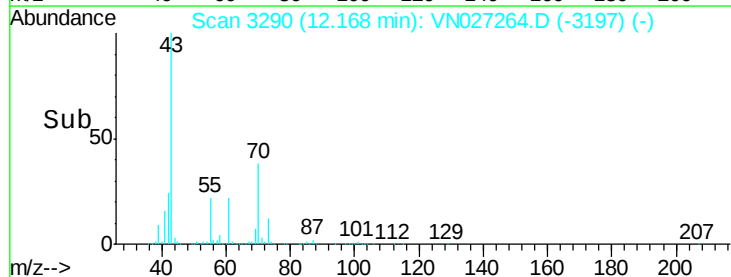
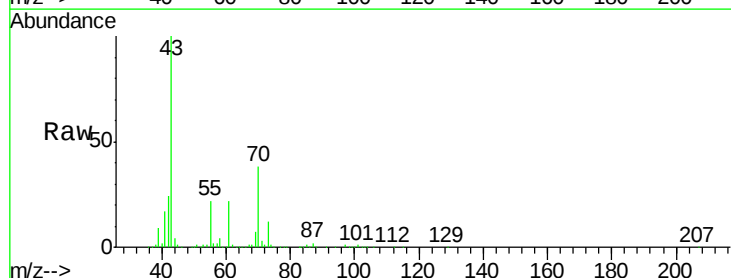
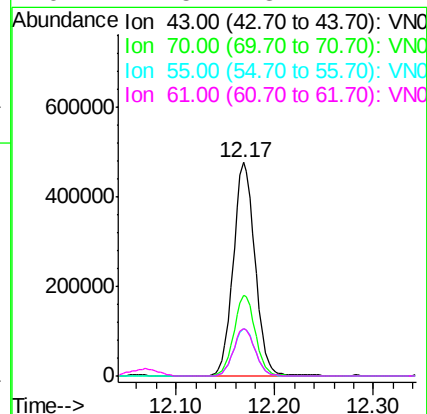
Ion Ratio Lower Upper

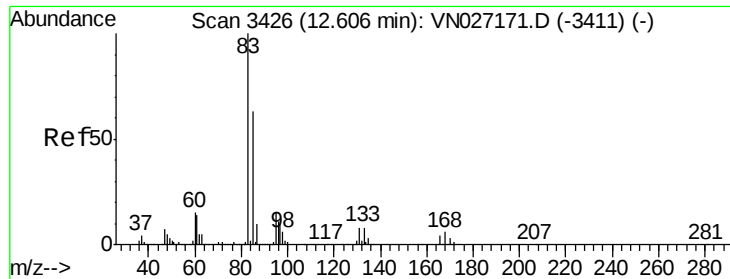
43 100

70 37.4 29.8 44.8

55 22.1 19.4 29.0

61 22.5 18.2 27.2





#76

1,1,2,2-Tetrachloroethane

Concen: 51.07 ug/l

RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

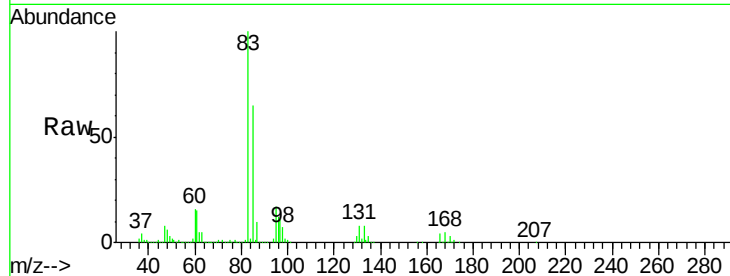
ClientSampleId :

MW-12-9-15-15MS

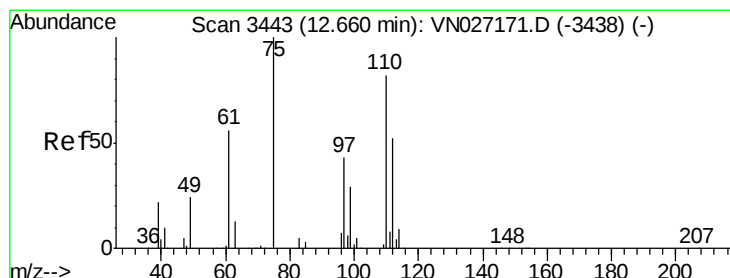
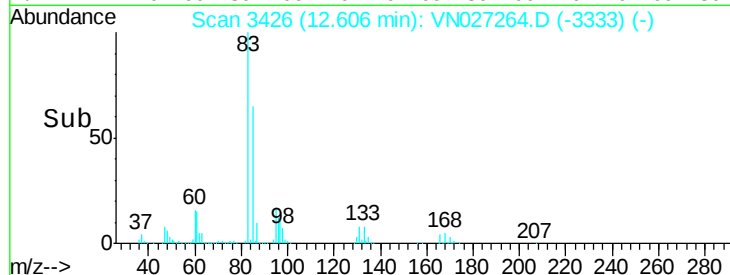
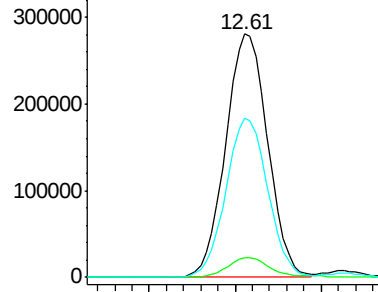
Tot Ion:	83	Resp:	476304
Ion Ratio	Lower	Upper	
83	100		
131	8.3	4.1	12.3
85	65.2	31.9	95.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN027171.D (-3411) (-)



#77

1,2,3-Trichloropropane

Concen: 41.80 ug/l m

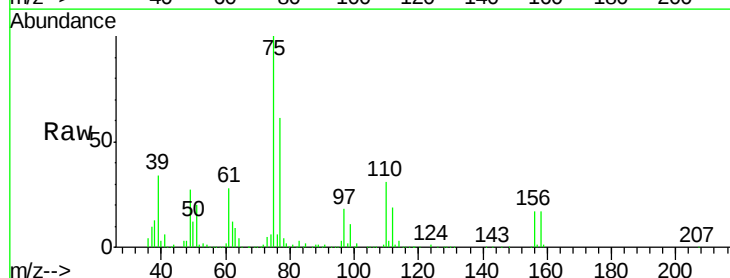
RT: 12.66 min Scan# 3444

Delta R.T. 0.00 min

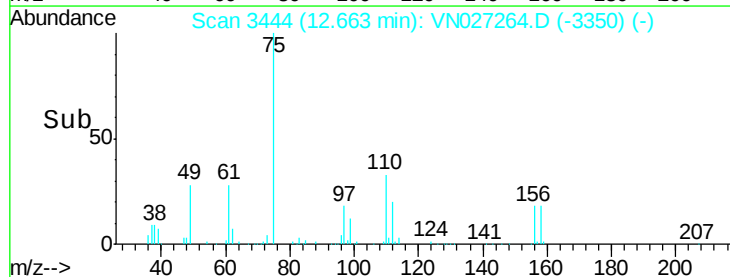
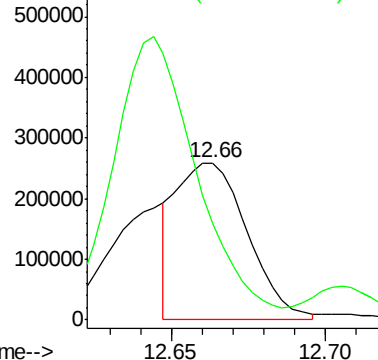
Lab File: VN027264.D

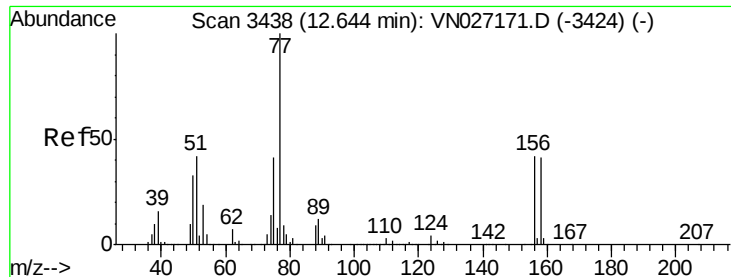
Acq: 17 Sep 2015 19:22

Tgt Ion:	75	Resp:	414708
Ion Ratio	Lower	Upper	
75	100		
77	213.4	103.1	309.3



Abundance Ion 74.90 (74.60 to 75.60): VN027171.D (-3438) (-)





#78

Bromobenzene

Concen: 46.46 ug/l

RT: 12.64 min Scan# 3438

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion:156 Resp: 329655

Ion Ratio Lower Upper

156 100

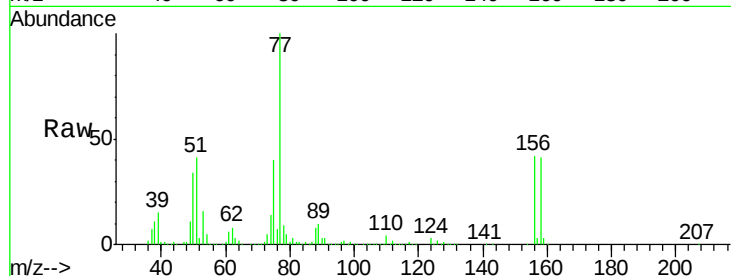
77 268.4 127.3 381.9

158 97.0 48.0 144.2

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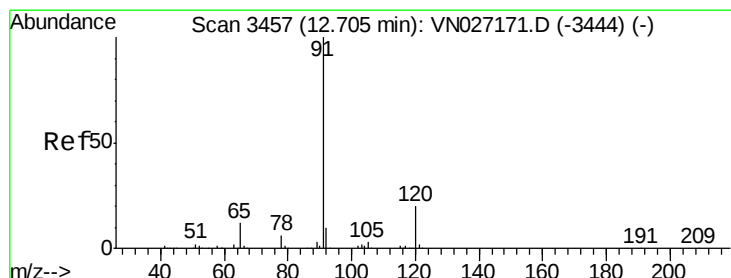
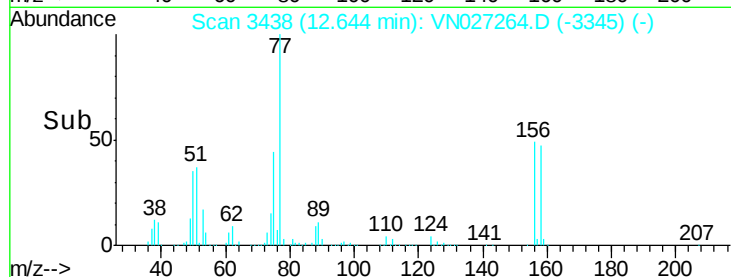
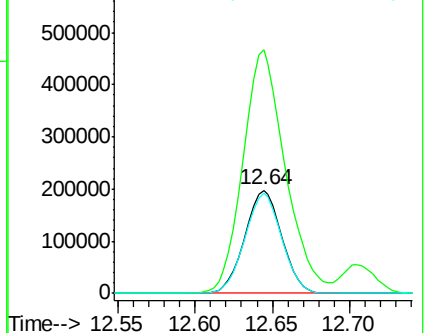
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

n-propylbenzene

Concen: 46.94 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. -0.00 min

Lab File: VN027264.D

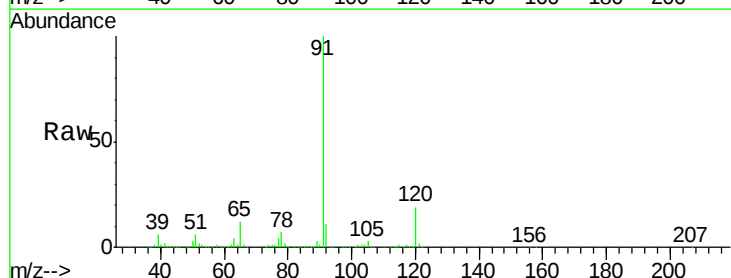
Acq: 17 Sep 2015 19:22

Tgt Ion: 91 Resp: 1997956

Ion Ratio Lower Upper

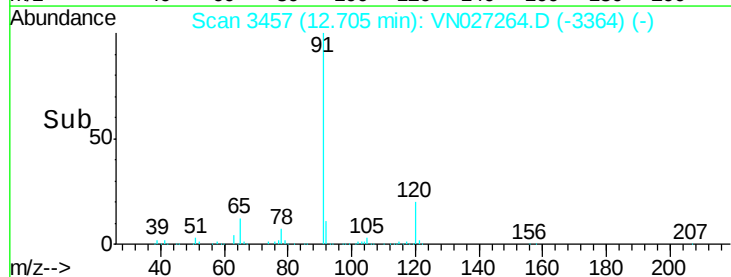
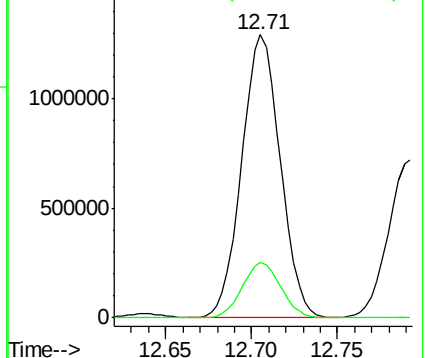
91 100

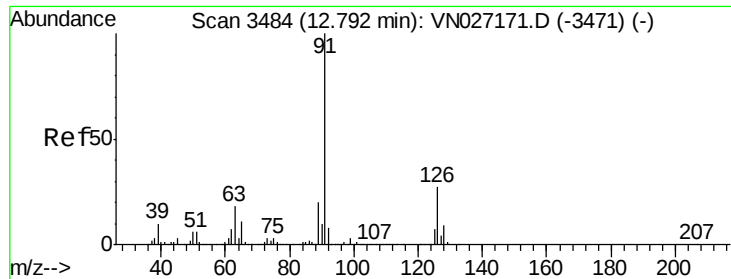
120 19.6 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





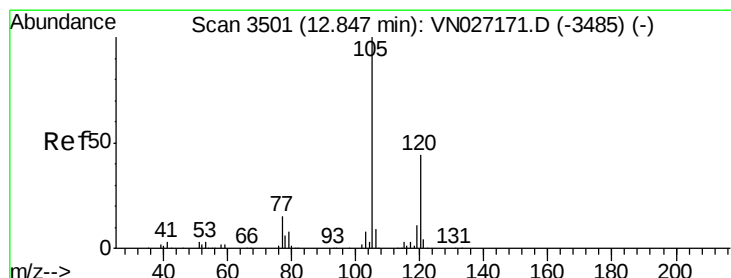
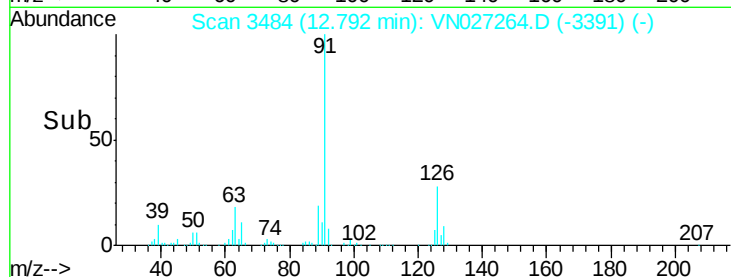
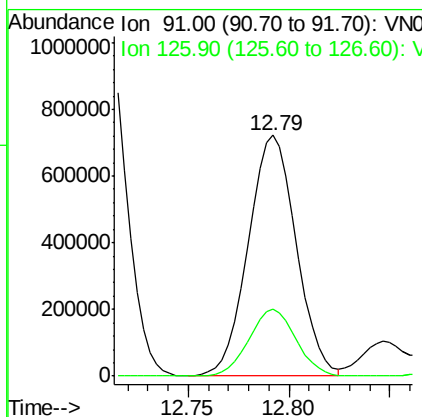
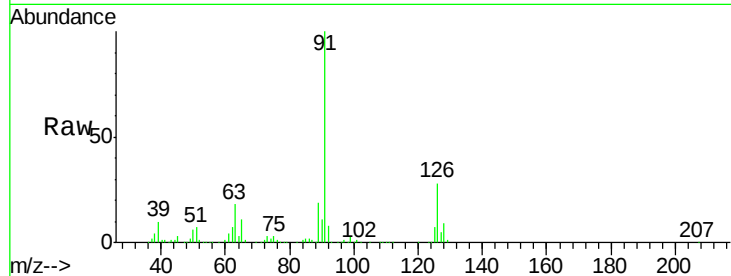
#80
2-Chlorotoluene
Concen: 46.80 ug/l
RT: 12.79 min Scan# 3484
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion: 91 Resp: 1196152
Ion Ratio Lower Upper
91 100
126 27.6 15.2 45.5

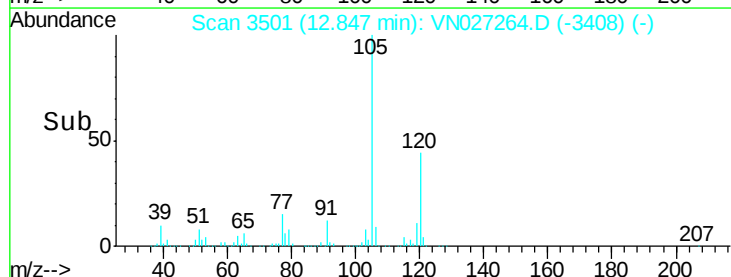
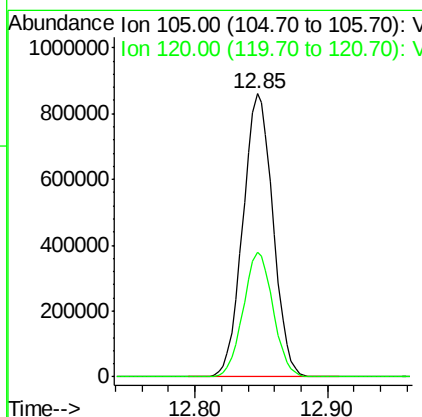
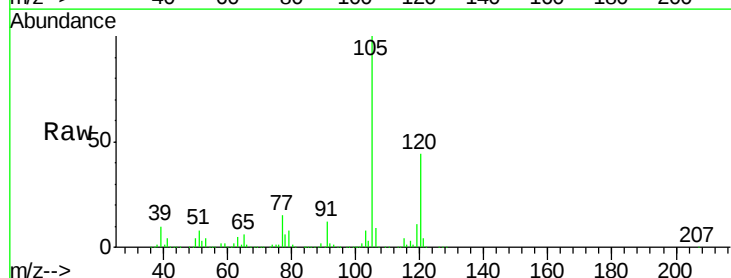
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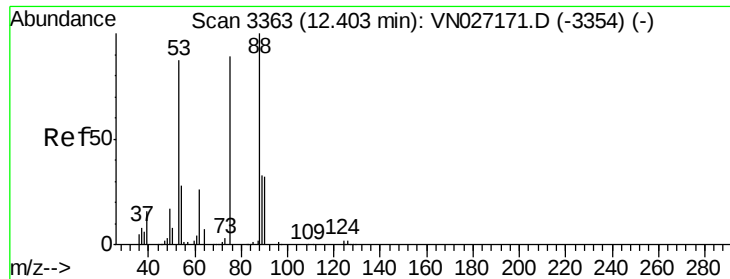
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#81
1,3,5-Trimethylbenzene
Concen: 46.40 ug/l
RT: 12.85 min Scan# 3501
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion: 105 Resp: 1348829
Ion Ratio Lower Upper
105 100
120 43.6 23.4 70.0





#82

trans-1,4-Dichloro-2-butene

Concen: 42.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

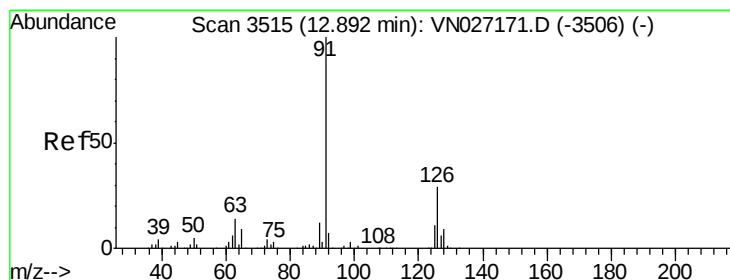
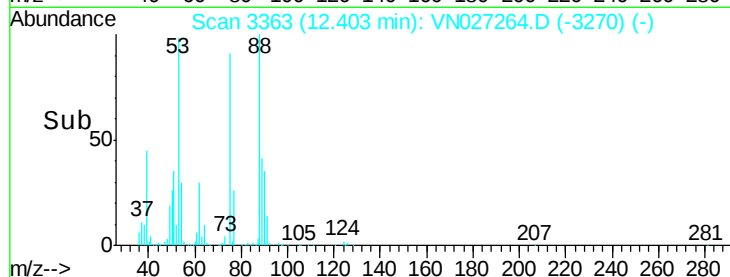
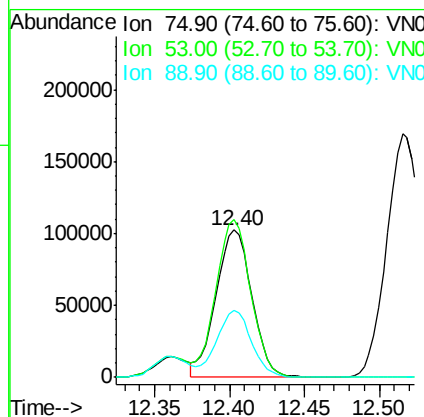
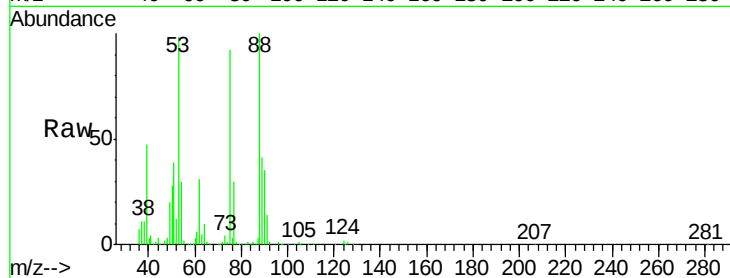
ClientSampleId :

MW-12-9-15-15MS

Tot Ion:	75	Resp:	170934
Ion	Ratio	Lower	Upper
75	100		
53	103.8	92.9	139.3
89	44.2	34.2	51.4

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#83

4-Chlorotoluene

Concen: 47.53 ug/l

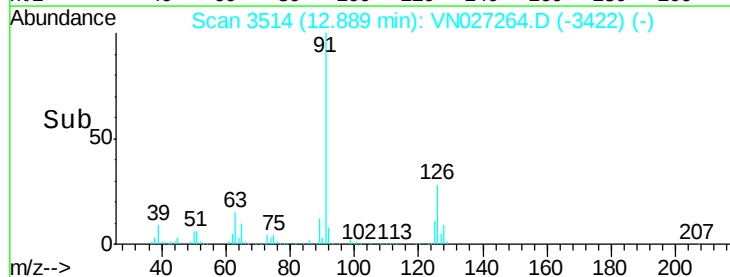
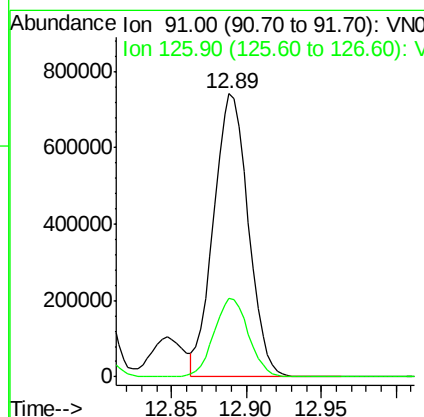
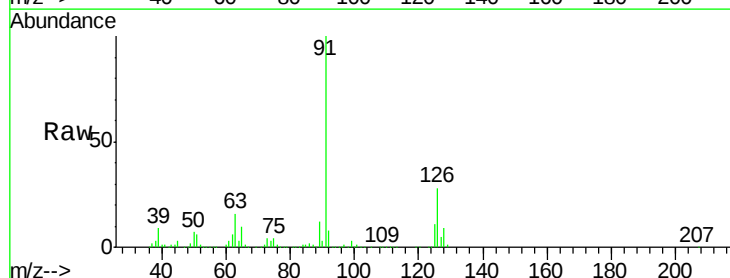
RT: 12.89 min Scan# 3514

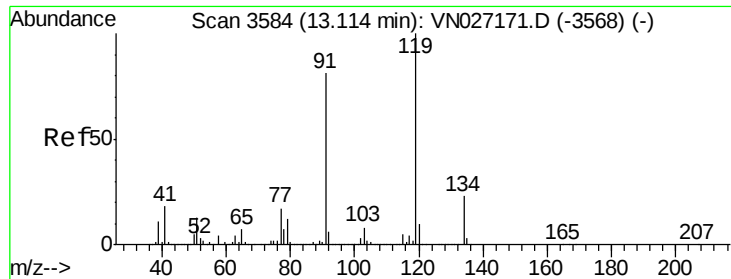
Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Tgt Ion:	91	Resp:	1193579
Ion	Ratio	Lower	Upper
91	100		
126	27.6	14.9	44.5





#84

tert-Butylbenzene

Concen: 45.28 ug/l

RT: 13.11 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-12-9-15-15MS

Tot Ion:119 Resp: 1085739

Ion Ratio Lower Upper

119 100

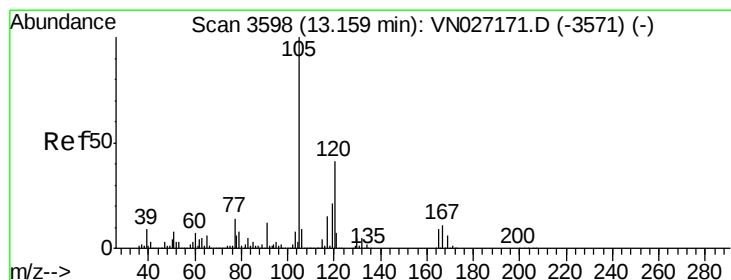
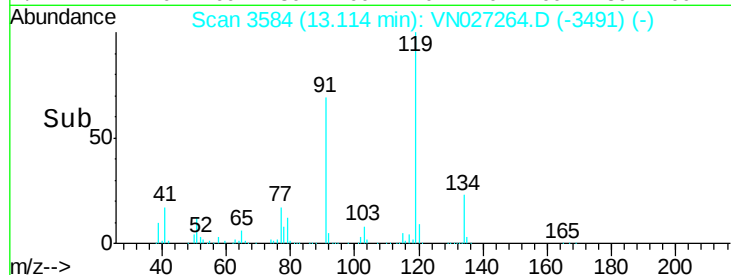
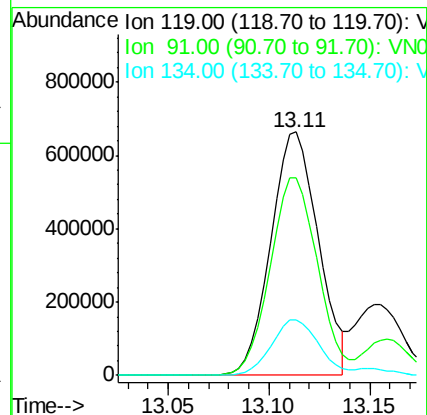
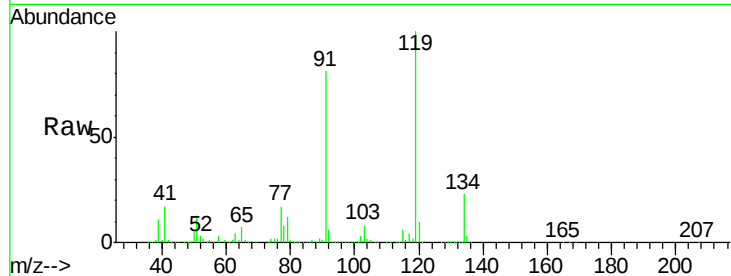
91 80.8 34.6 103.8

134 23.1 11.4 34.2

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#85

1,2,4-Trimethylbenzene

Concen: 46.83 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN027264.D

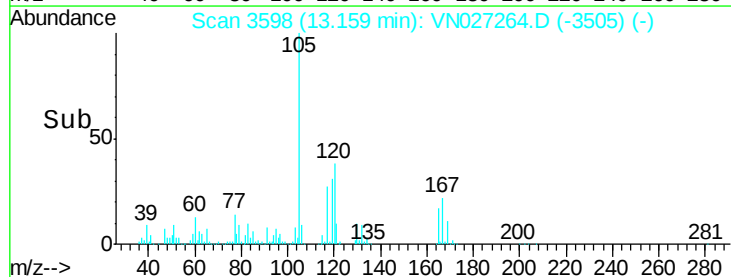
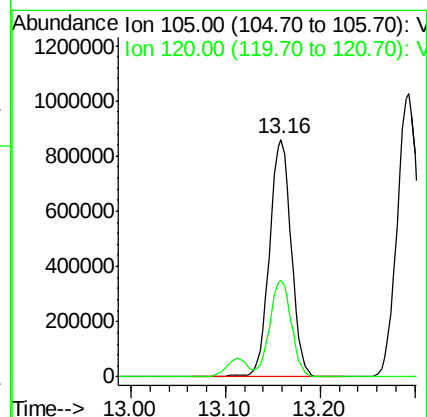
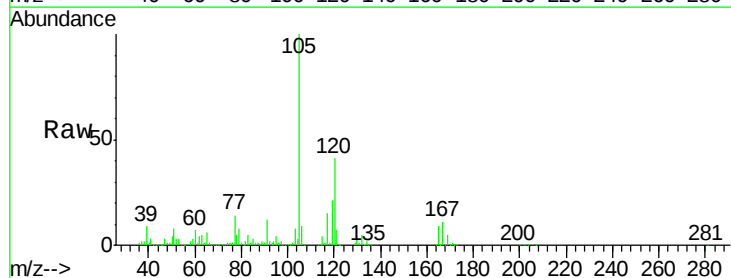
Acq: 17 Sep 2015 19:22

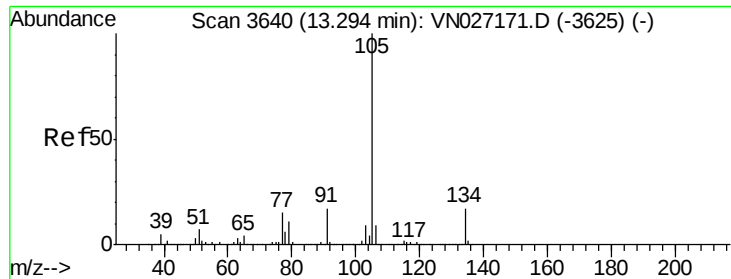
Tgt Ion:105 Resp: 1367091

Ion Ratio Lower Upper

105 100

120 40.5 21.9 65.5





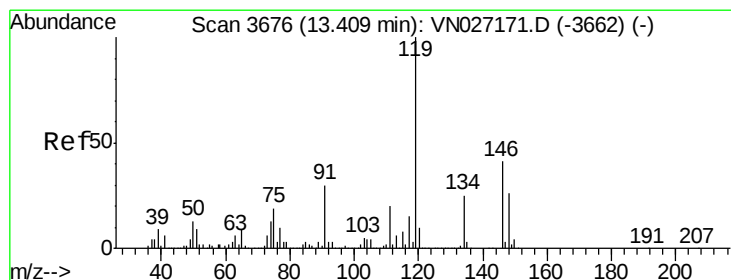
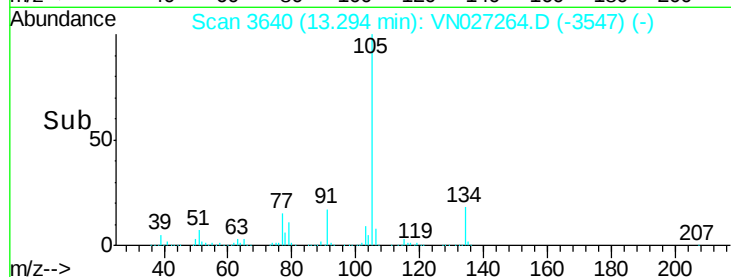
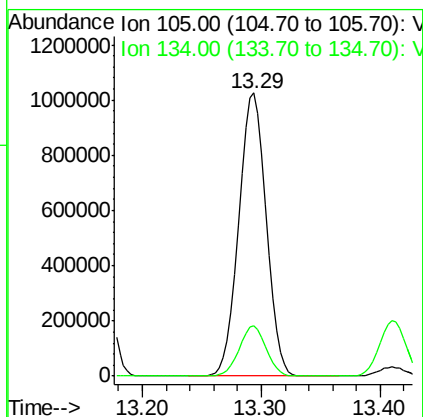
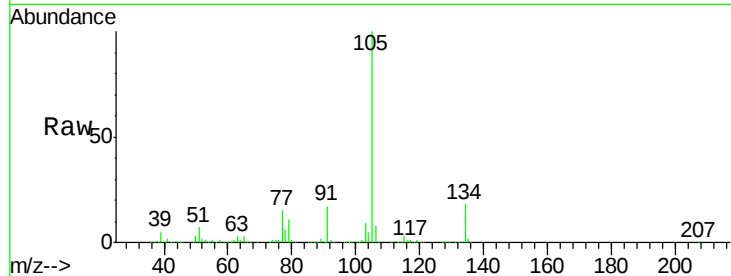
#86
 sec-Butylbenzene
 Concen: 46.56 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tot Ion:105 Resp: 1635546
 Ion Ratio Lower Upper
 105 100
 134 17.4 8.8 26.4

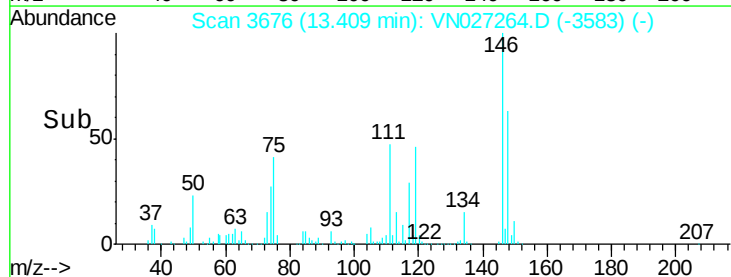
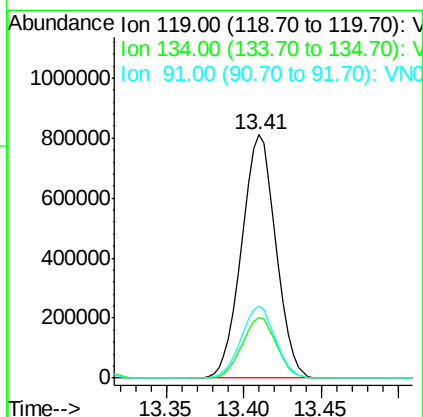
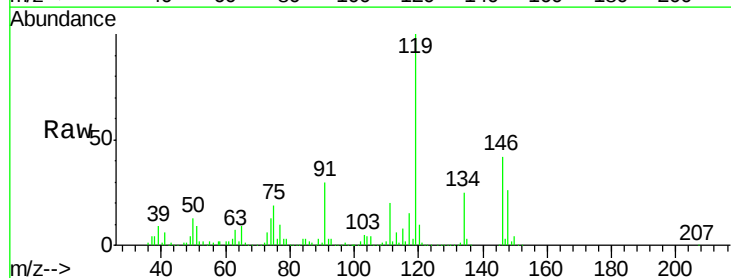
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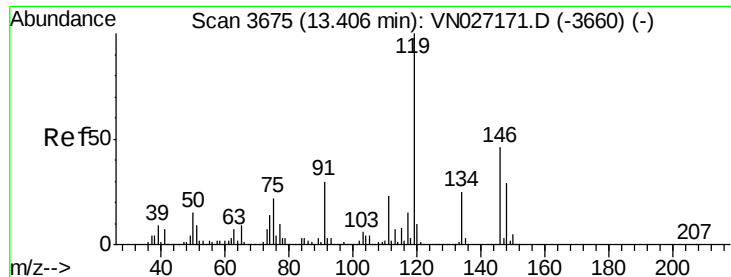
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#87
 p-Isopropyltoluene
 Concen: 46.10 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion:119 Resp: 1247310
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.4 37.0
 91 29.4 12.0 36.1





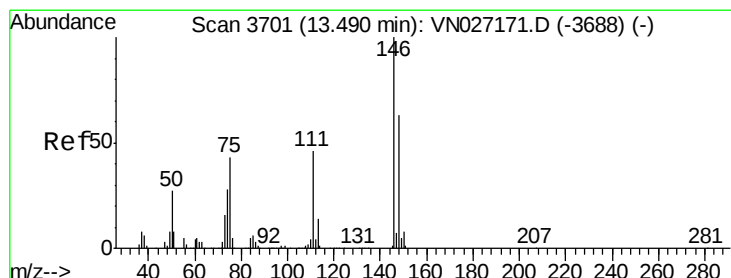
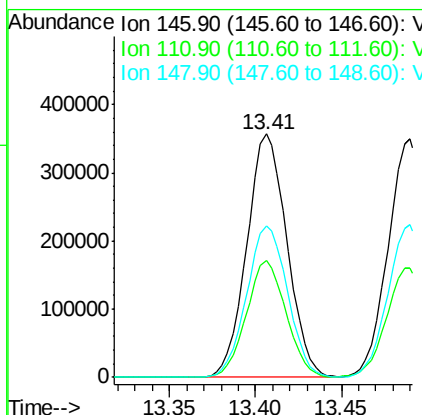
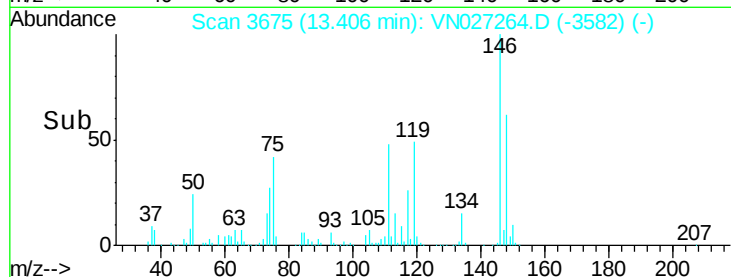
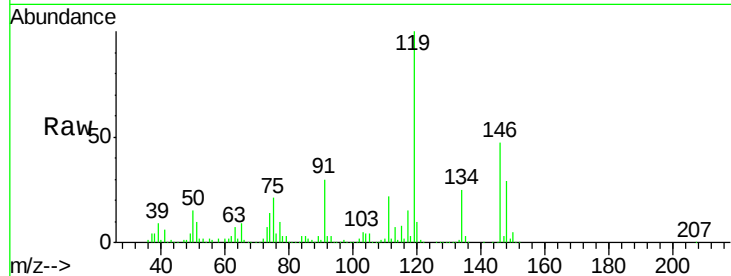
#88
 1,3-Dichlorobenzene
 Concen: 47.59 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.4	21.0	63.0
148	63.3	31.9	95.9

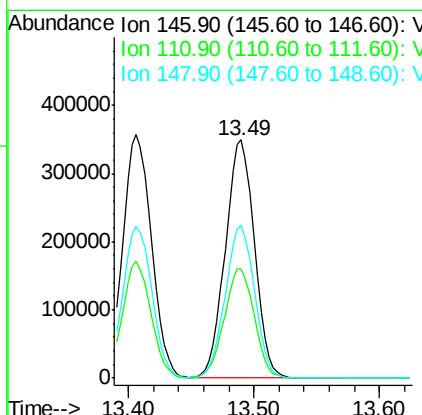
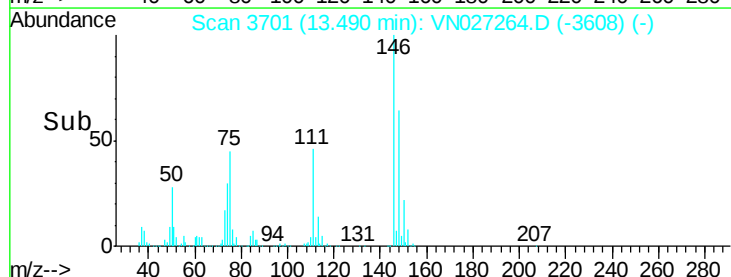
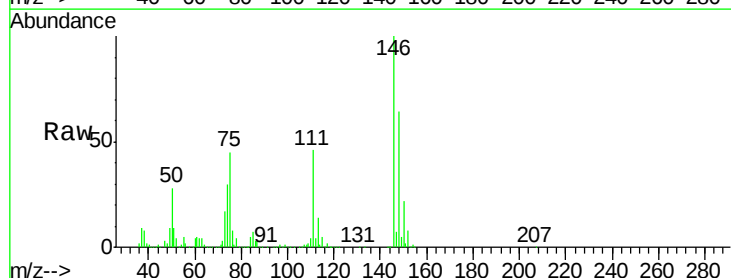
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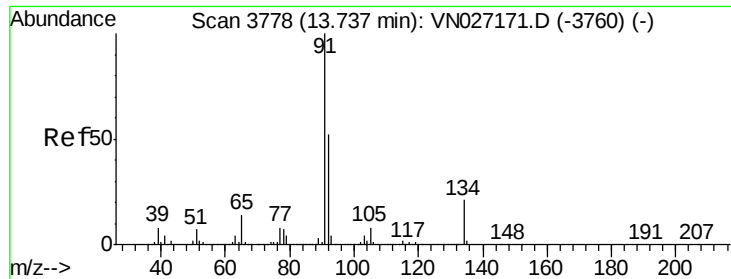
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#89
 1,4-Dichlorobenzene
 Concen: 45.69 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.2	19.9	59.6
148	64.3	31.7	95.1





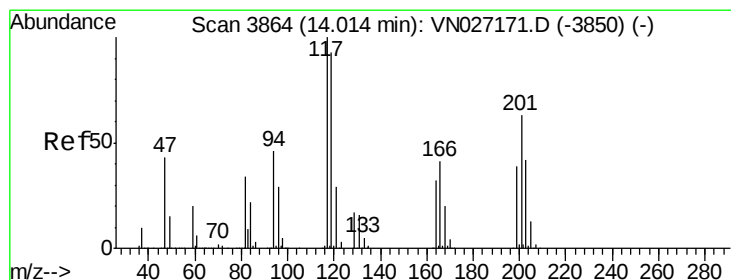
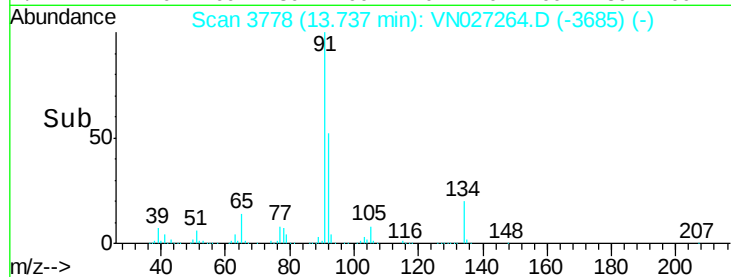
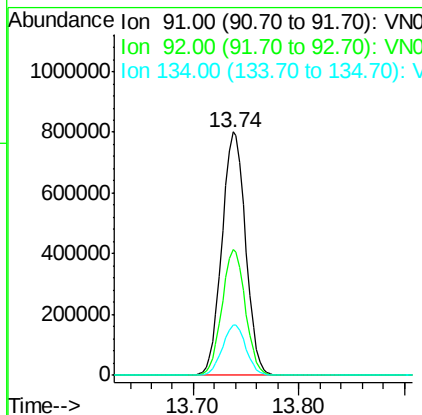
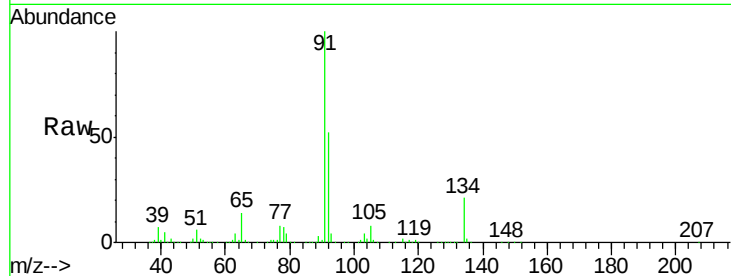
#90
n-Butylbenzene
Concen: 47.19 ug/l
RT: 13.74 min Scan# 3778
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.1	78.2
134	20.6	11.1	33.1

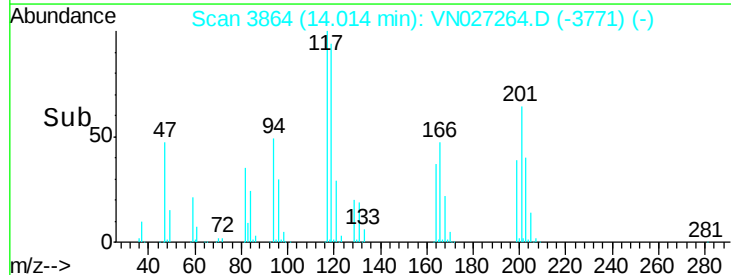
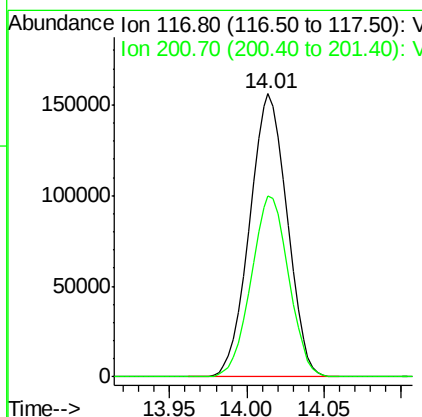
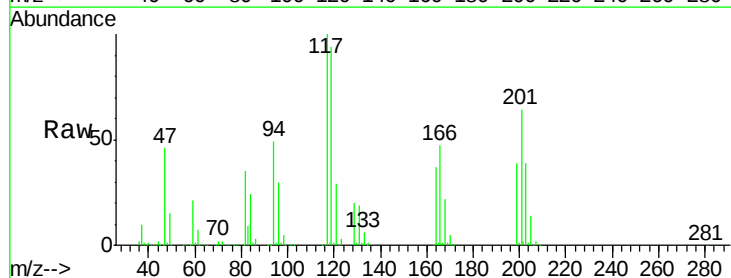
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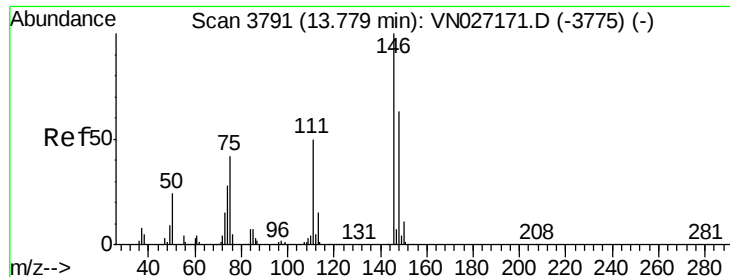
MMDadoda
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#91
Hexachloroethane
Concen: 44.68 ug/l
RT: 14.01 min Scan# 3864
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.7	34.9	104.7





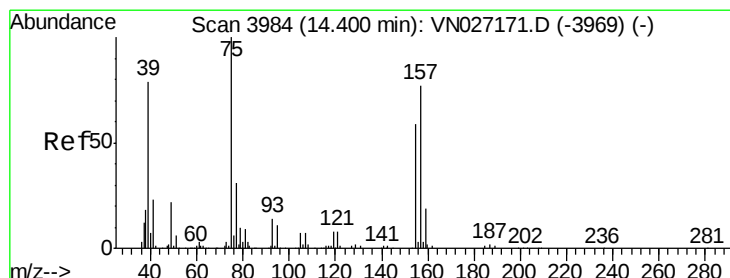
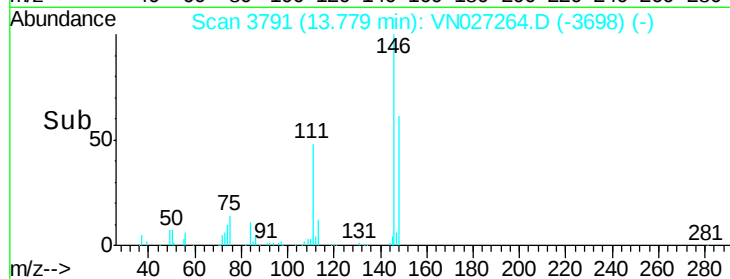
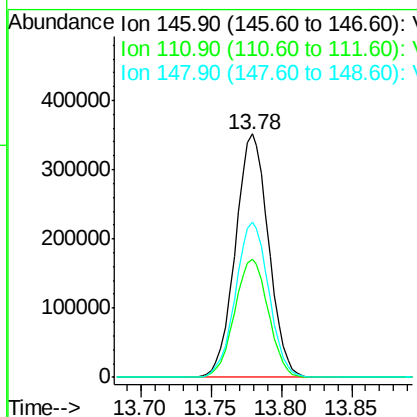
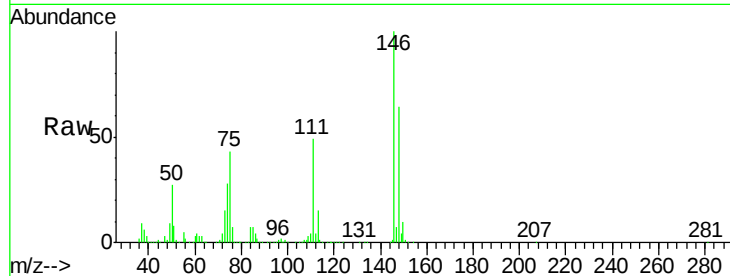
#92
 1,2-Dichlorobenzene
 Concen: 48.27 ug/l
 RT: 13.78 min Scan# 3791
 Delta R.T. -0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.3	22.1	66.3
148	64.1	32.0	96.0

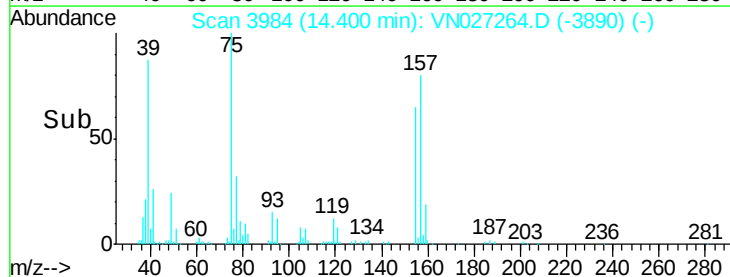
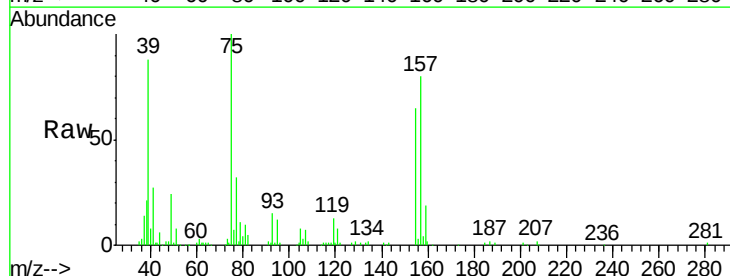
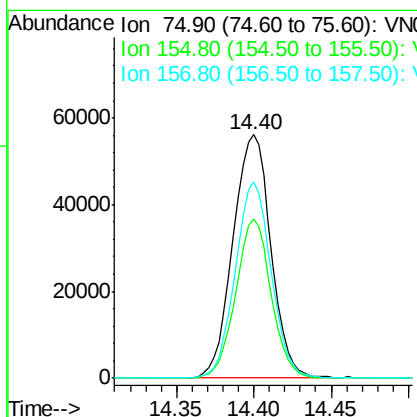
Manual Integrations
 APPROVED

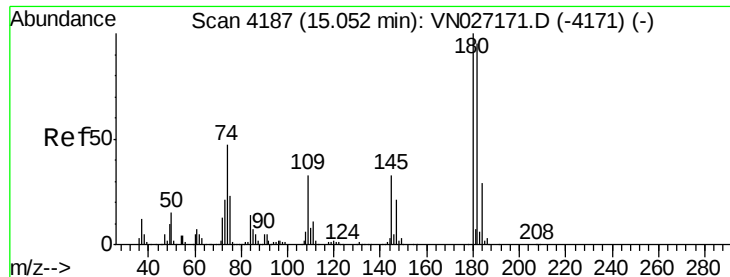
MMDadoda
 9/18/2015 12:23:36 PM



#93
 1,2-Dibromo-3-Chloropropane
 Concen: 46.13 ug/l
 RT: 14.40 min Scan# 3984
 Delta R.T. 0.00 min
 Lab File: VN027264.D
 Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.7	35.6	106.9
157	76.2	44.6	133.8





#94

1,2,4-Trichlorobenzene

Concen: 48.46 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Instrument :

MSVOA_N

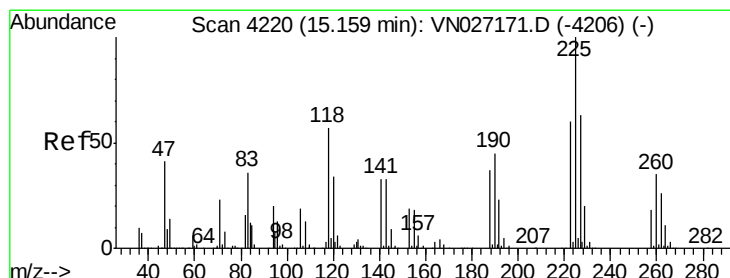
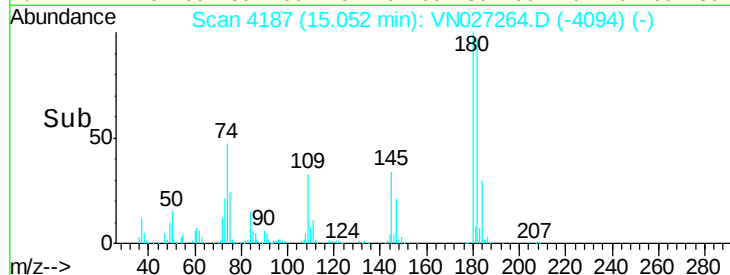
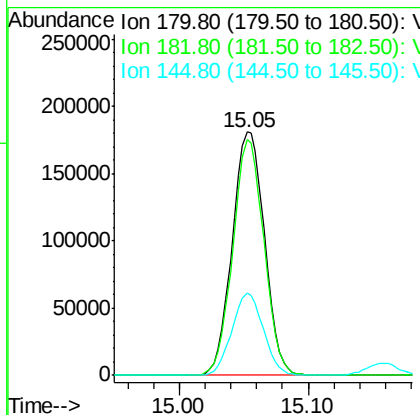
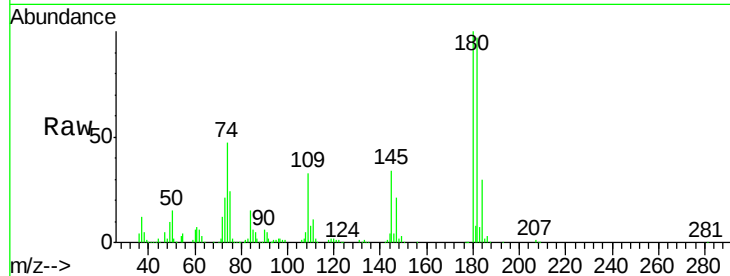
ClientSampleId :

MW-12-9-15-15MS

Tot Ion:	180	Resp:	314090
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.5	142.5
145	33.0	15.1	45.3

Manual Integrations
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#95

Hexachlorobutadiene

Concen: 45.50 ug/l

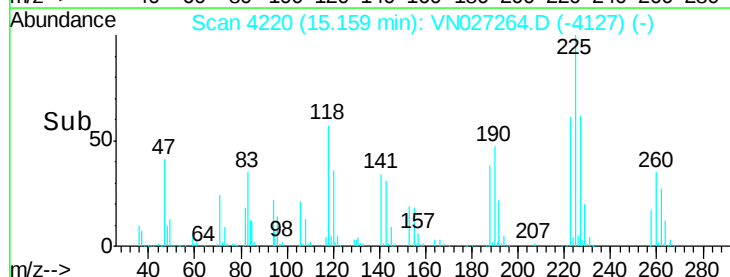
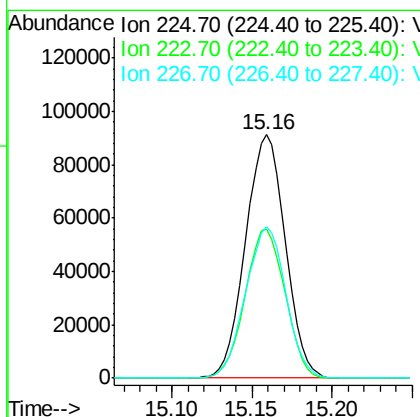
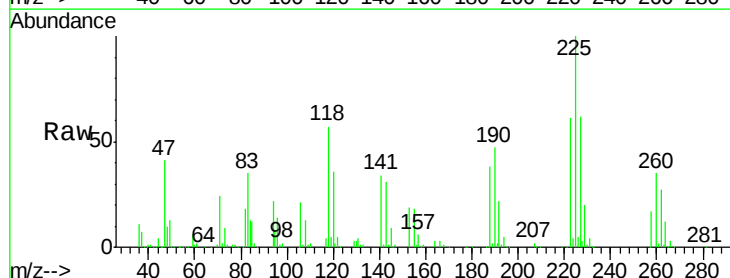
RT: 15.16 min Scan# 4220

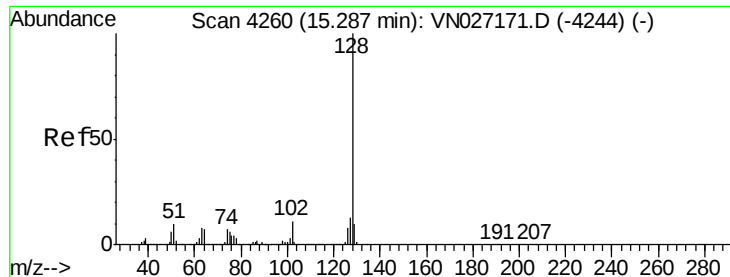
Delta R.T. -0.00 min

Lab File: VN027264.D

Acq: 17 Sep 2015 19:22

Tgt Ion:	225	Resp:	155313
Ion Ratio	Lower	Upper	
225	100		
223	61.3	30.8	92.3
227	62.8	31.7	95.1





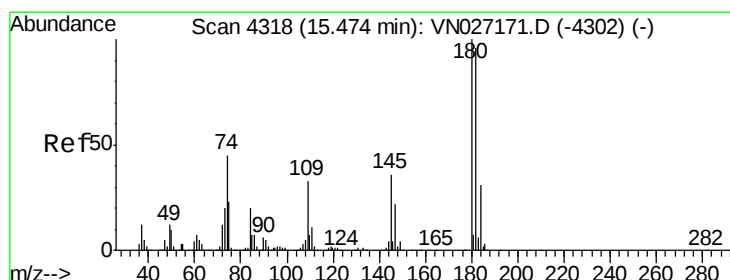
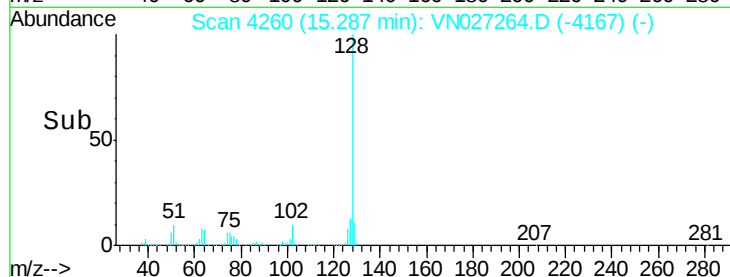
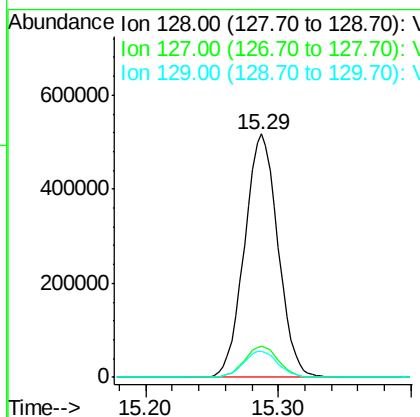
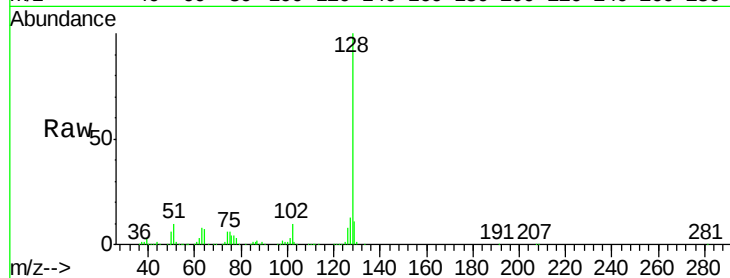
#96
Naphthalene
Concen: 47.66 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Instrument :
MSVOA_N
ClientSampleId :
MW-12-9-15-15MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations
APPROVED

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#97
1,2,3-Trichlorobenzene
Concen: 47.51 ug/l
RT: 15.47 min Scan# 4318
Delta R.T. -0.00 min
Lab File: VN027264.D
Acq: 17 Sep 2015 19:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.8	146.4
145	36.0	16.6	49.8

