

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027266.D
 Acq On : 17 Sep 2015 20:17
 Operator : MD\FY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:23:46 PM

Quant Time: Sep 18 03:45:31 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	522111	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	997584	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	845381	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	326555	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	575859	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
36) Dibromofluoromethane	7.68	113	358361	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
51) Toluene-d8	10.19	98	1397758	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
63) 4-Bromofluorobenzene	12.52	95	499619	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	294545	47.15	ug/l	99
3) Chlorodifluoromethane	1.82	51	372648	51.55	ug/l #	92
4) Chloromethane	2.01	50	324841	46.51	ug/l	98
5) Vinyl Chloride	2.14	62	363186	49.22	ug/l	99
6) Bromomethane	2.54	94	156739	43.49	ug/l	99
7) Chloroethane	2.68	64	235303	46.92	ug/l	99
8) Trichlorofluoromethane	3.02	101	537140	48.19	ug/l	98
9) Diethyl Ether	3.42	74	242283	47.24	ug/l	86
10) 1,1,2-Trichlorotrifluoroet	3.79	101	332622	47.52	ug/l	96
11) Methyl Iodide	3.99	142	264206	38.83	ug/l	93
12) Tert butyl alcohol	4.80	59	248286	237.35	ug/l	97
13) 1,1-Dichloroethene	3.76	96	316219	47.17	ug/l	92
14) Acrolein	3.62	56	372296	302.96	ug/l	96
15) Allyl chloride	4.37	41	628664	46.43	ug/l #	83
16) Acrylonitrile	5.02	53	879168	257.00	ug/l	99
17) Acetone	3.82	43	692470	240.09	ug/l	95
18) Carbon Disulfide	4.11	76	971117	44.48	ug/l	100
19) Methyl Acetate	4.36	43	1054338	50.47	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	1301912	48.37	ug/l	97
21) Methylene Chloride	4.60	84	390921	48.65	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	346859	47.84	ug/l	93
23) Diisopropyl ether	6.04	45	1356852	47.76	ug/l #	90
24) Vinyl Acetate	5.97	43	2325659	247.33	ug/l	98
25) 1,1-Dichloroethane	5.93	63	781586	47.36	ug/l	99
26) 2-Butanone	6.91	43	1077313	248.04	ug/l	97
27) 2,2-Dichloropropane	6.92	77	627228	43.80	ug/l	94
28) cis-1,2-Dichloroethene	6.92	96	409830	49.28	ug/l	96
29) Bromochloromethane	7.29	49	298664	46.62	ug/l	97
30) Tetrahydrofuran	7.31	42	696921	232.82	ug/l	91
31) Chloroform	7.46	83	742649	49.80	ug/l	100
32) Cyclohexane	7.77	56	717111	48.79	ug/l	93
33) 1,1,1-Trichloroethane	7.67	97	651377	48.99	ug/l	96
37) 1,1-Dichloropropene	7.89	75	556976	47.69	ug/l	98
38) Ethyl Acetate	7.01	43	495183	49.88	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	524143	47.74	ug/l	99
40) Methylcyclohexane	9.19	83	662681	46.60	ug/l	97
41) Benzene	8.14	78	1622417	47.62	ug/l	99
42) Methacrylonitrile	7.24	41	276682	49.01	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	648889	47.27	ug/l	96
44) Isopropyl Acetate	8.25	43	892579	47.83	ug/l	98
45) Trichloroethene	8.93	130	327837	47.90	ug/l	90
46) 1,2-Dichloropropane	9.22	63	455396	46.46	ug/l	99
47) Dibromomethane	9.31	93	273757	47.56	ug/l	93
48) Bromodichloromethane	9.49	83	575058	47.41	ug/l	98
49) Methyl methacrylate	9.29	41	433831	46.66	ug/l #	86
50) 1,4-Dioxane	9.30	88	103899	952.83	ug/l	98
52) 4-Methyl-2-Pentanone	10.07	43	2335305	236.69	ug/l	99
53) Toluene	10.26	92	951277	47.66	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	625500	45.92	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	684670	46.20	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	366307	48.84	ug/l	97
57) Ethyl methacrylate	10.52	69	602084	47.63	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	668922	48.04	ug/l	97
59) 2-Chloroethyl Vinyl ether	9.78	63	1506034	259.50	ug/l	98
60) 2-Hexanone	10.84	43	1585581	236.04	ug/l	99
61) Dibromochloromethane	11.00	129	358570	46.81	ug/l	99
62) 1,2-Dibromoethane	11.11	107	354714	48.12	ug/l	99
65) Tetrachloroethene	10.74	164	258058	47.73	ug/l	95
66) Chlorobenzene	11.54	112	951642	47.68	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	322376	47.35	ug/l	98
68) Ethyl Benzene	11.62	91	1818938	48.06	ug/l	100
69) m/p-Xylenes	11.73	106	1259967	96.49	ug/l	90
70) o-Xylene	12.06	106	625922	47.82	ug/l	90
71) Styrene	12.07	104	1039687	49.20	ug/l	95
72) Bromoform	12.24	173	222829	47.07	ug/l #	100
74) Isopropylbenzene	12.36	105	1681075	46.72	ug/l	99
75) N-amyl acetate	12.17	43	746198	46.46	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	482419	52.07	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	459225m	46.53	ug/l	
78) Bromobenzene	12.64	156	331375	46.96	ug/l	92
79) n-propylbenzene	12.71	91	2004317	47.34	ug/l	98
80) 2-Chlorotoluene	12.79	91	1205024	47.40	ug/l	96
81) 1,3,5-Trimethylbenzene	12.85	105	1362084	47.11	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	168778	42.01	ug/l	93
83) 4-Chlorotoluene	12.89	91	1198319	47.97	ug/l	96
84) tert-Butylbenzene	13.11	119	1115350	46.76	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	1370651	47.20	ug/l	96
86) sec-Butylbenzene	13.29	105	1654003	47.33	ug/l	99
87) p-Isopropyltoluene	13.41	119	1255778	46.66	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	584535	48.41	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	576632	47.15	ug/l	95
90) n-Butylbenzene	13.74	91	1257888	48.16	ug/l	98
91) Hexachloroethane	14.01	117	260695	44.26	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	569551	47.73	ug/l	96

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Manual Integrations
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Quant Time: Sep 18 03:45:31 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)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	97195	47.22	ug/l	89
94) 1,2,4-Trichlorobenzene	15.05	180	318947	49.48	ug/l	98
95) Hexachlorobutadiene	15.16	225	154037	45.37	ug/l	98
96) Naphthalene	15.29	128	927660	49.09	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	316186	49.34	ug/l	97

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

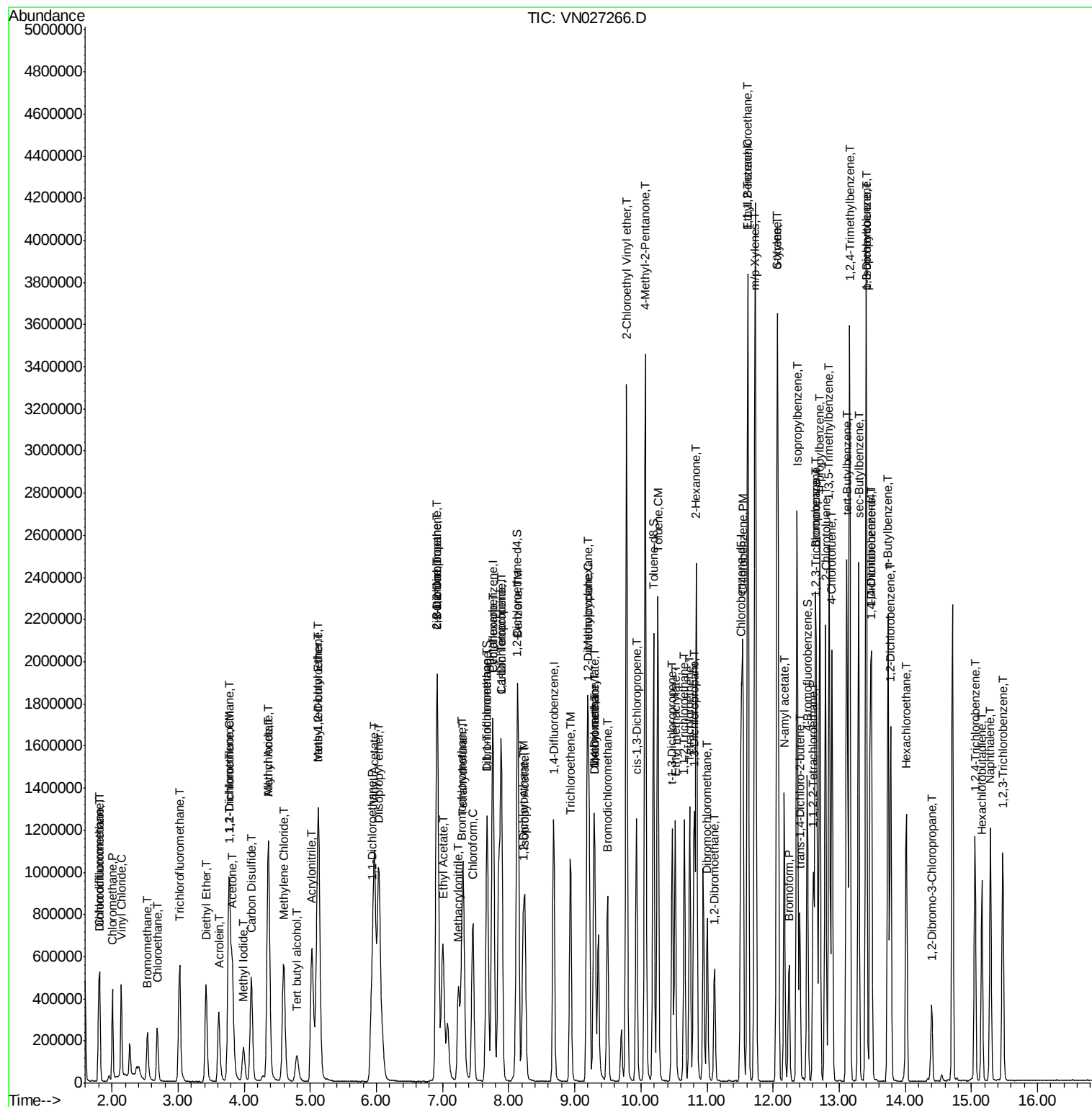
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
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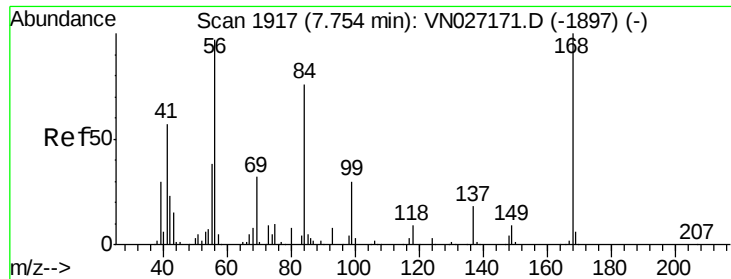
Instrument :
 MSVOA_N
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 522111

Ion Ratio Lower Upper

168 100

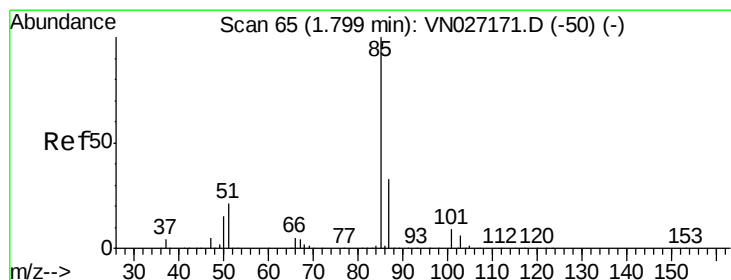
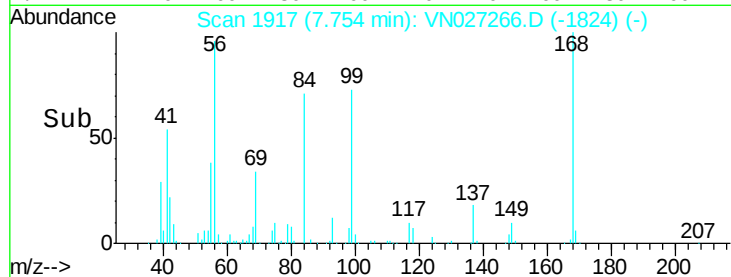
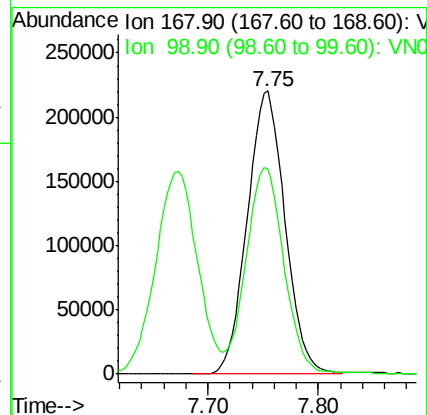
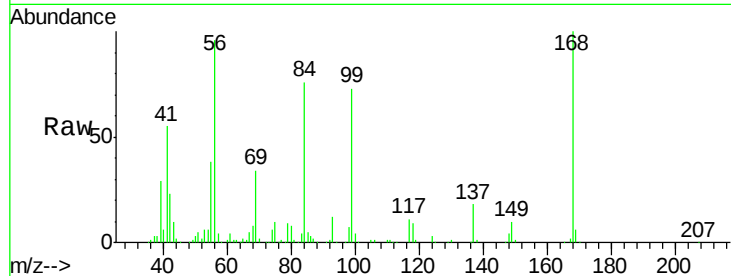
99 72.1 50.4 75.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.15 ug/l

RT: 1.80 min Scan# 64

Delta R.T. -0.00 min

Lab File: VN027266.D

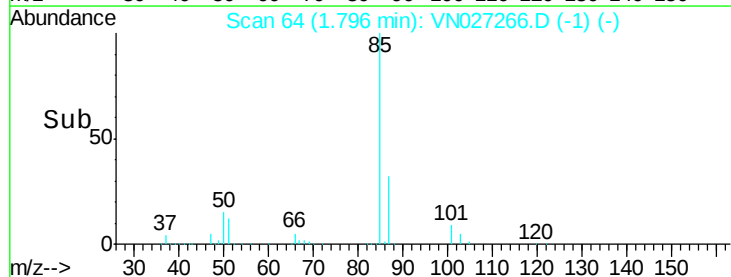
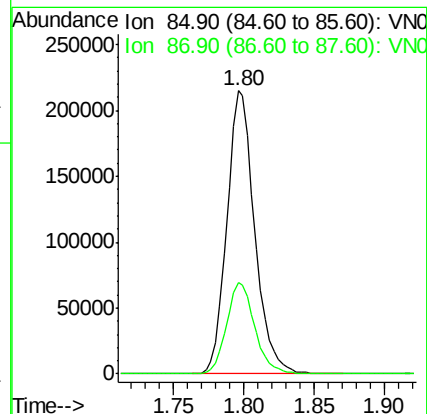
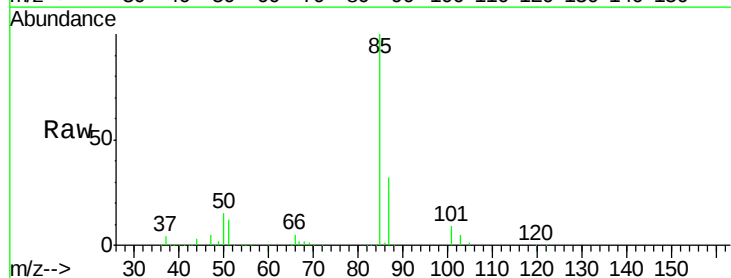
Acq: 17 Sep 2015 20:17

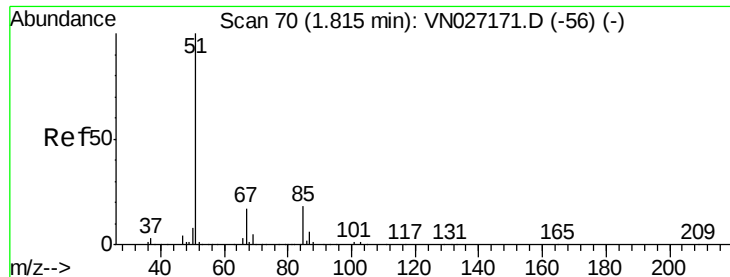
Tgt Ion: 85 Resp: 294545

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.8





#3

Chlorodifluoromethane

Concen: 51.55 ug/l

RT: 1.82 min Scan# 70

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 51 Resp: 372648

Ion Ratio Lower Upper

51 100

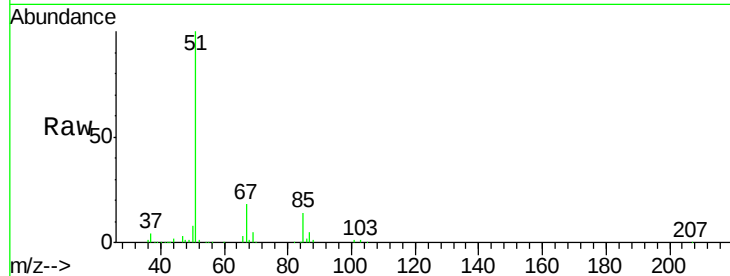
67 18.4 12.2 18.2#

Manual Integrations

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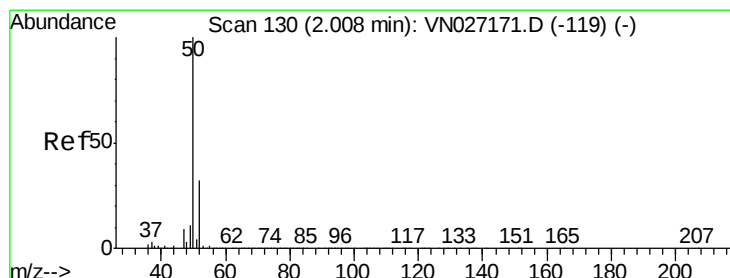
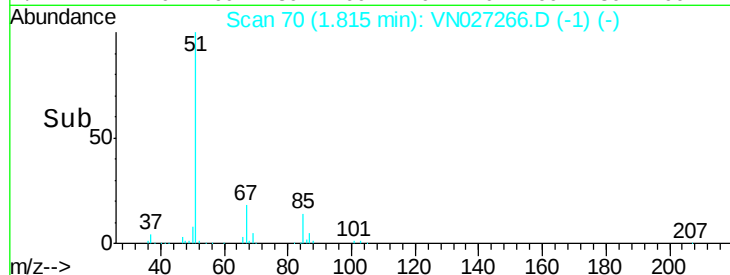
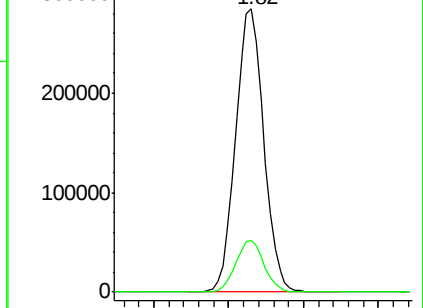
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Abundance Ion 51.00 (50.70 to 51.70): VNO

Ion 67.00 (66.70 to 67.70): VNO



#4

Chloromethane

Concen: 46.51 ug/l

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027266.D

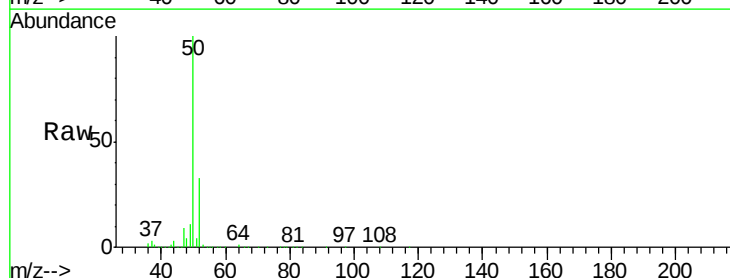
Acq: 17 Sep 2015 20:17

Tgt Ion: 50 Resp: 324841

Ion Ratio Lower Upper

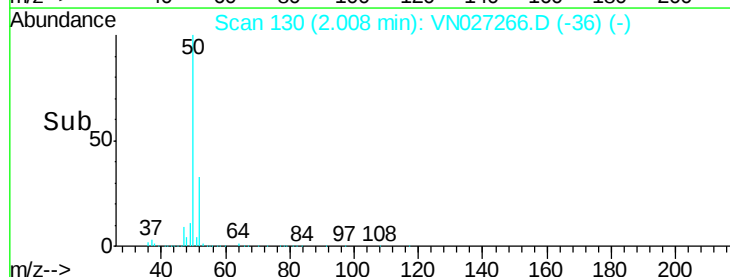
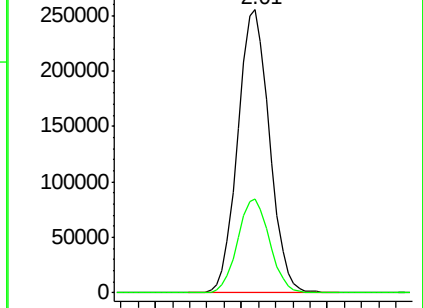
50 100

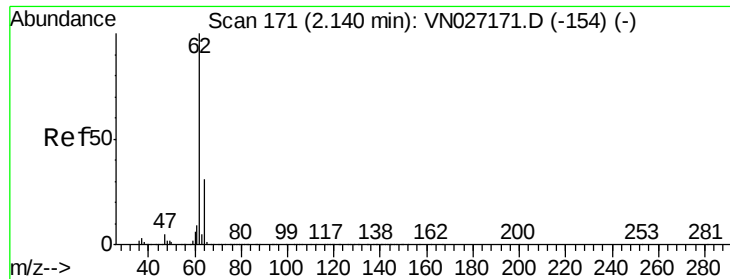
52 33.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Vinyl Chloride

Concen: 49.22 ug/l

RT: 2.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

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Tot Ion: 62 Resp: 363186

Ion Ratio Lower Upper

62 100

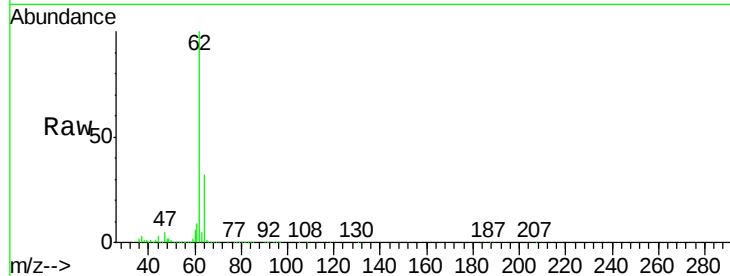
64 31.9 25.9 38.9

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Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.14

250000

200000

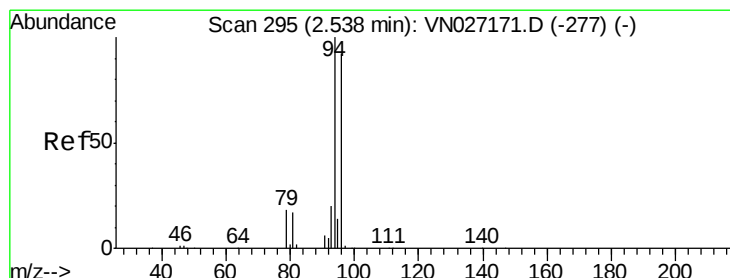
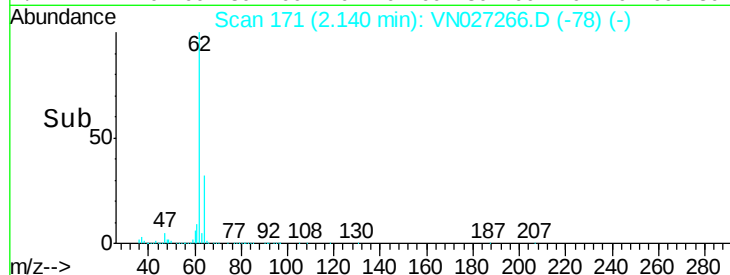
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 43.49 ug/l

RT: 2.54 min Scan# 294

Delta R.T. -0.00 min

Lab File: VN027266.D

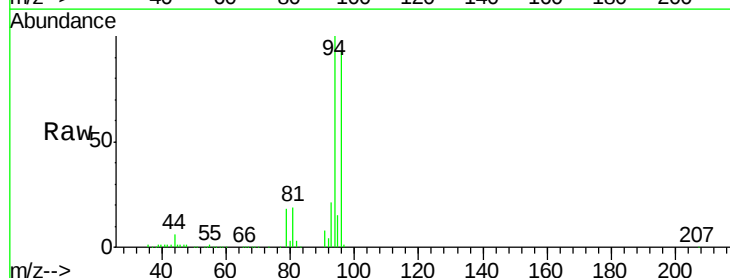
Acq: 17 Sep 2015 20:17

Tgt Ion: 94 Resp: 156739

Ion Ratio Lower Upper

94 100

96 92.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.54

80000

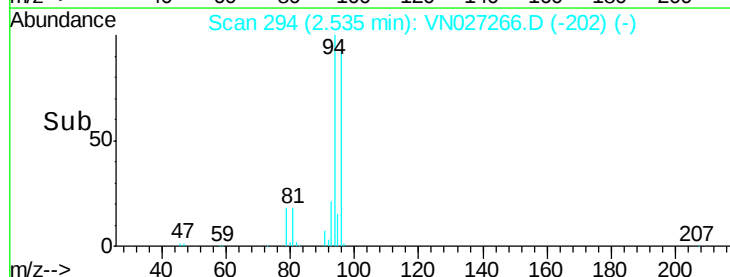
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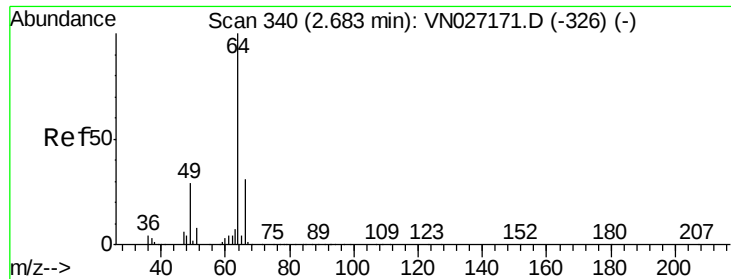
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20000

0

Time-->





#7

Chloroethane

Concen: 46.92 ug/l

RT: 2.68 min Scan# 340

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 64 Resp: 235303

Ion Ratio Lower Upper

64 100

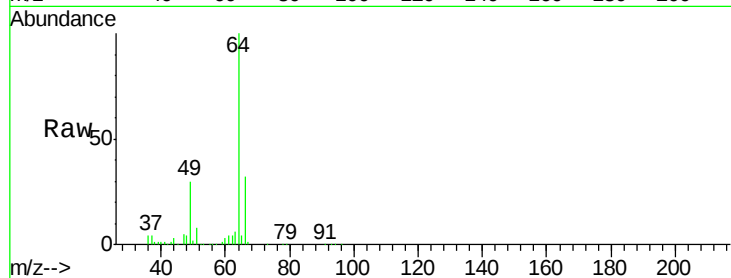
66 32.3 25.5 38.3

Manual Integrations

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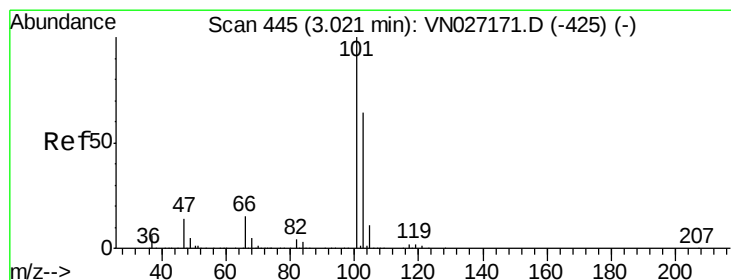
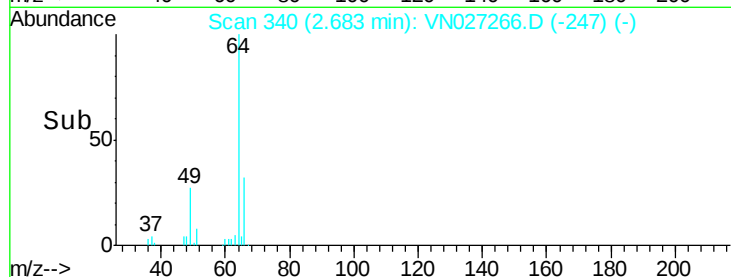
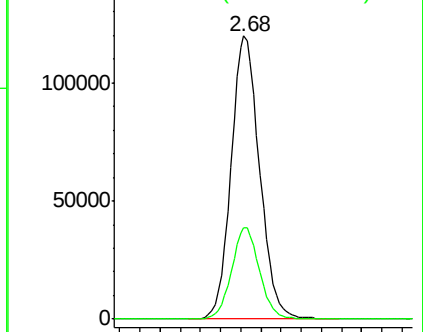
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Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#8

Trichlorofluoromethane

Concen: 48.19 ug/l

RT: 3.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VN027266.D

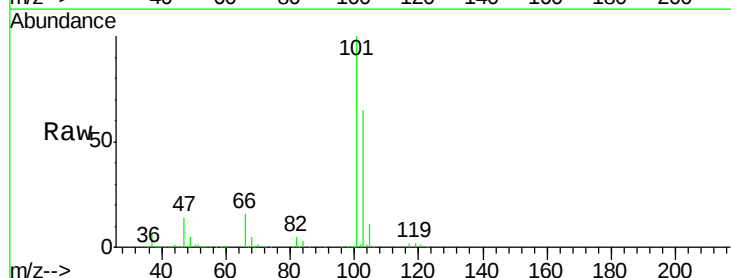
Acq: 17 Sep 2015 20:17

Tgt Ion:101 Resp: 537140

Ion Ratio Lower Upper

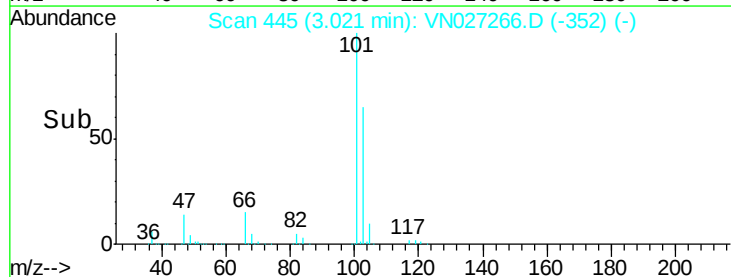
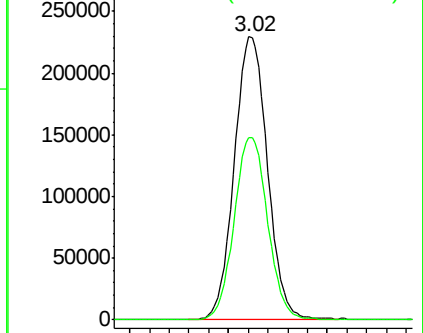
101 100

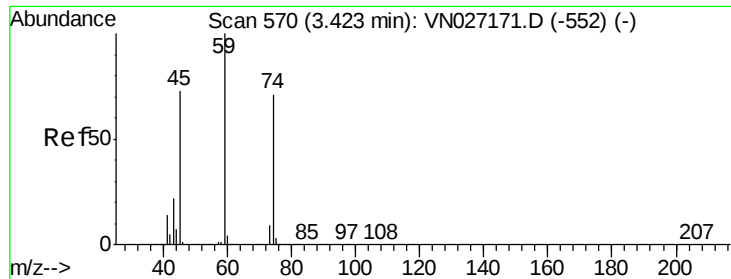
103 64.5 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#9

Diethyl Ether

Concen: 47.24 ug/l

RT: 3.42 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 74 Resp: 242283

Ion Ratio Lower Upper

74 100

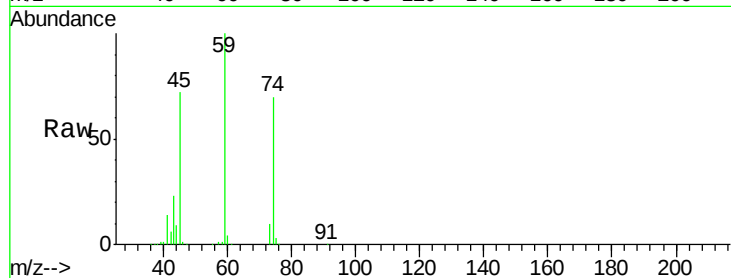
45 100.6 58.1 174.3

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Abundance Ion 74.00 (73.70 to 74.70): VN027171.D (-552) (-)

Ion 45.00 (44.70 to 45.70): VN027171.D (-552) (-)

120000

100000

80000

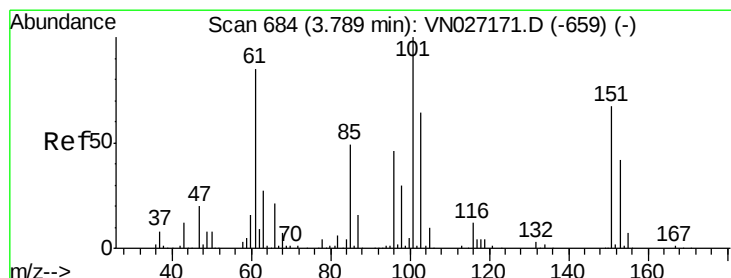
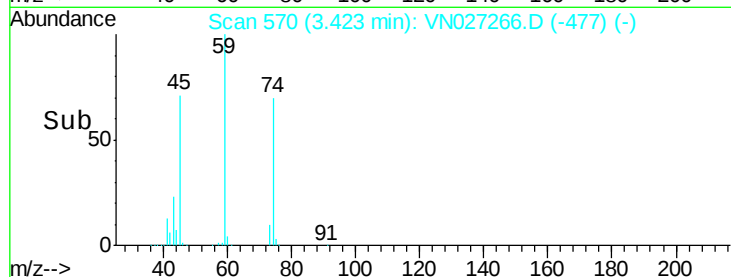
60000

40000

20000

0

Time--> 3.30 3.40 3.50



#10

1,1,2-Trichlorotrifluoroethane

Concen: 47.52 ug/l

RT: 3.79 min Scan# 684

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

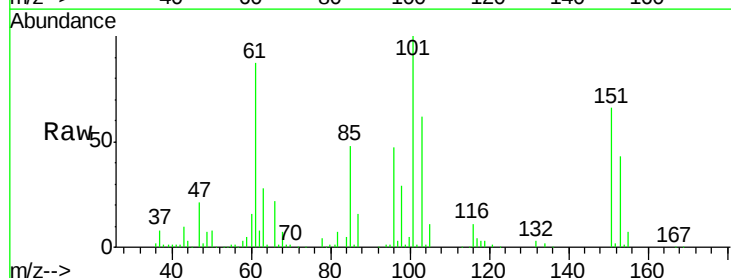
Tgt Ion: 101 Resp: 332622

Ion Ratio Lower Upper

101 100

85 49.3 37.4 56.0

151 65.9 55.9 83.9



Abundance Ion 100.90 (100.60 to 101.60): VN027171.D (-659) (-)

Ion 84.90 (84.60 to 85.60): VN027171.D (-659) (-)

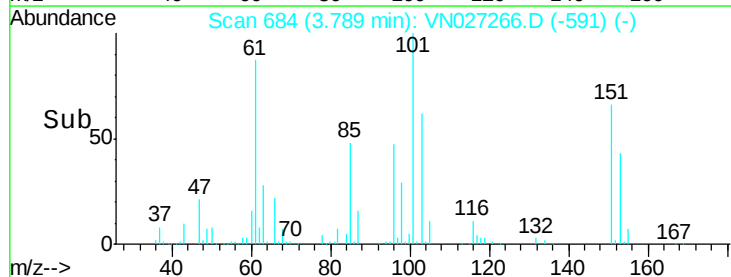
Ion 150.80 (150.50 to 151.50): VN027171.D (-659) (-)

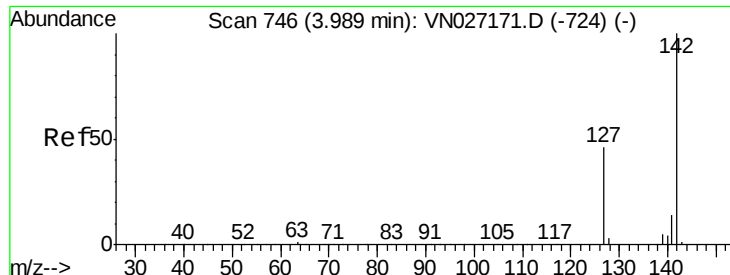
100000

50000

0

Time--> 3.70 3.80 3.90





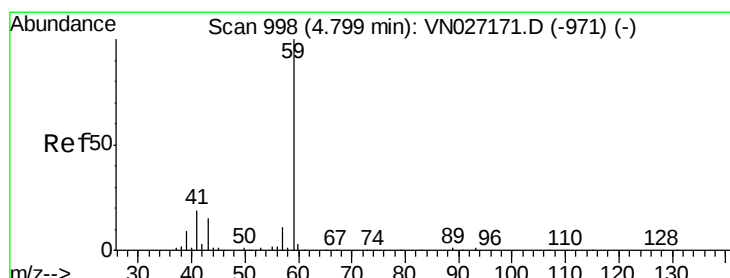
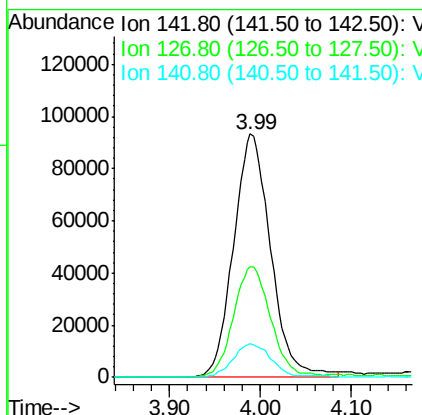
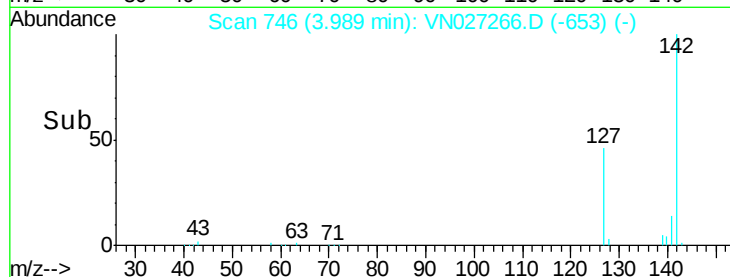
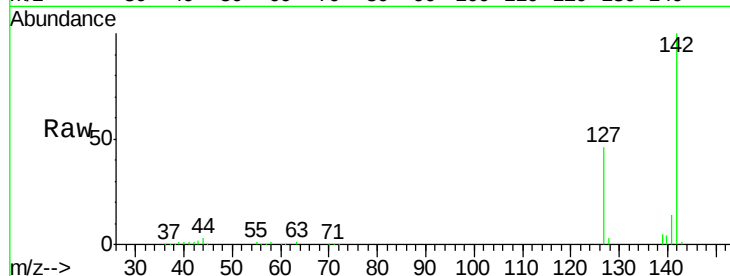
#11
Methvl Iodide
Concen: 38.83 ug/l
RT: 3.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.9	32.3	48.5
141	14.0	11.2	16.8

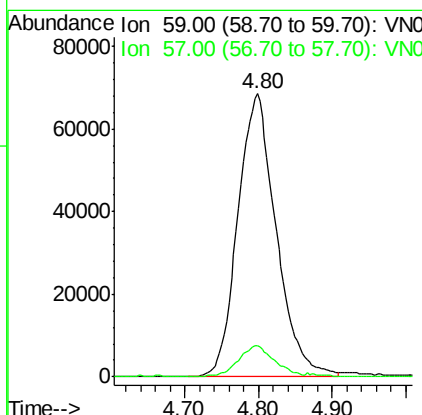
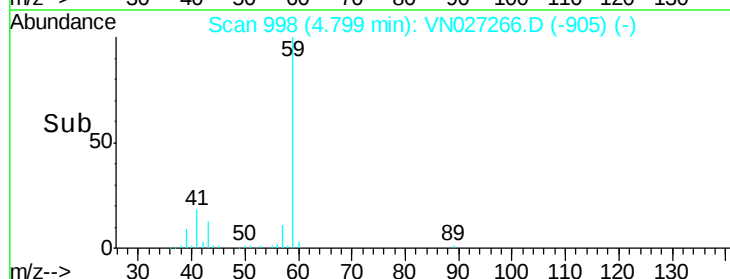
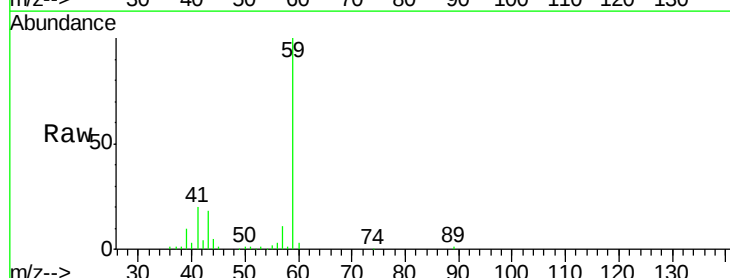
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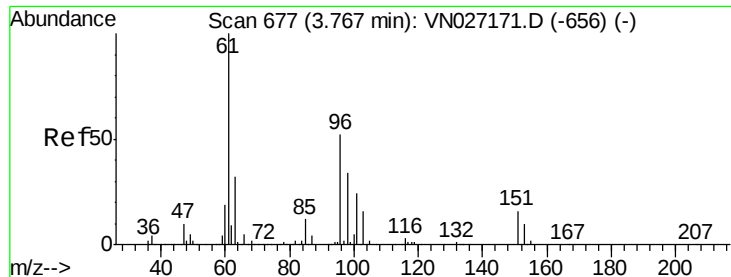
MMDadoda
9/18/2015 12:23:46 PM



#12
Tert butyl alcohol
Concen: 237.35 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.6	11.4





#13

1,1-Dichloroethene

Concen: 47.17 ug/l

RT: 3.76 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

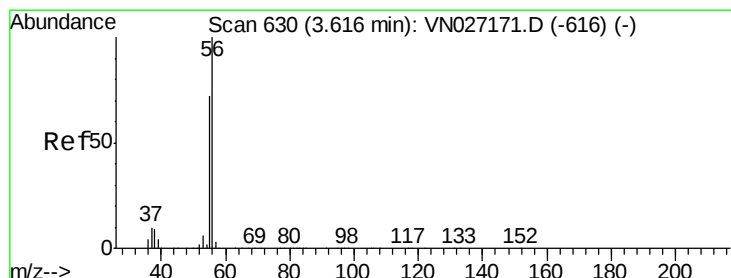
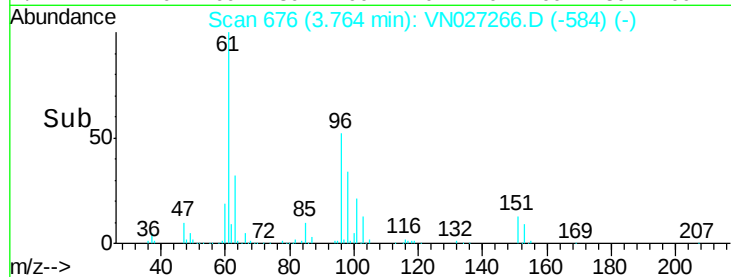
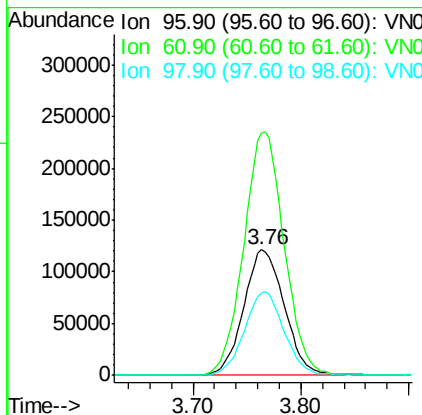
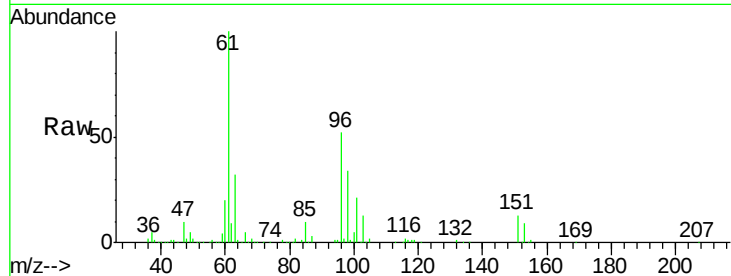
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	316219
Ion	Ratio	Lower	Upper
96	100		
61	193.7	143.8	215.8
98	65.3	50.3	75.5

Manual Integrations
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#14

Acrolein

Concen: 302.96 ug/l

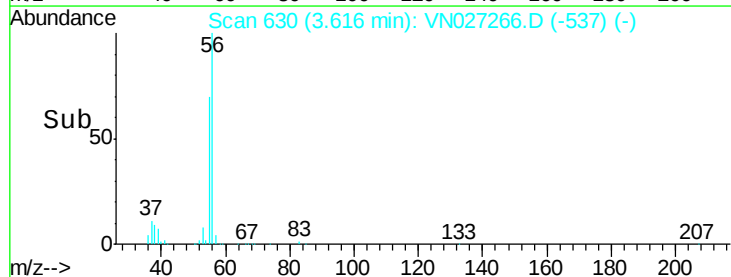
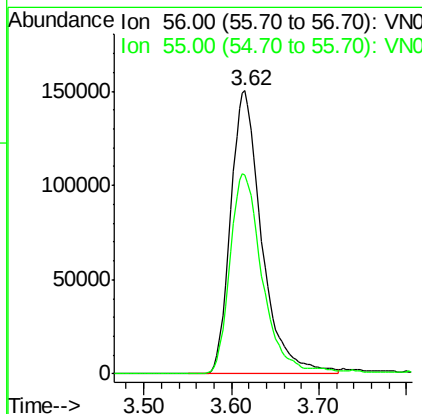
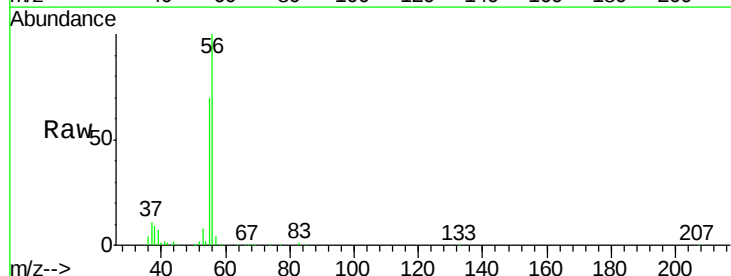
RT: 3.62 min Scan# 630

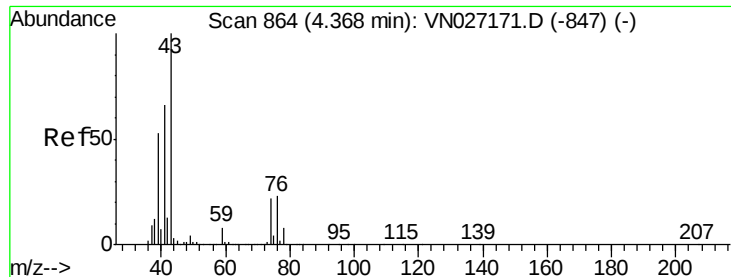
Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Tgt Ion:	56	Resp:	372296
Ion	Ratio	Lower	Upper
56	100		
55	72.9	55.7	83.5





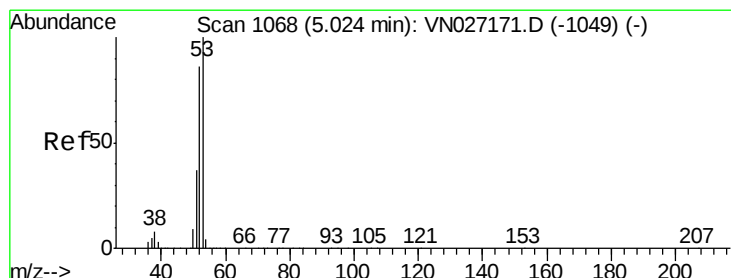
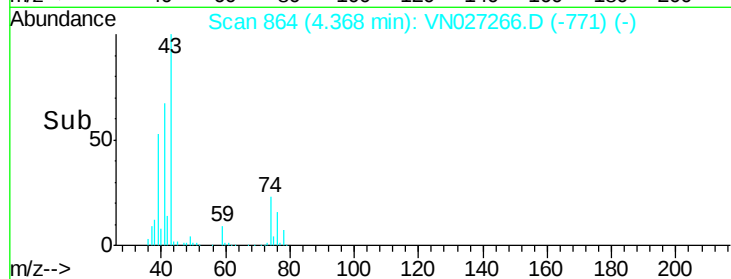
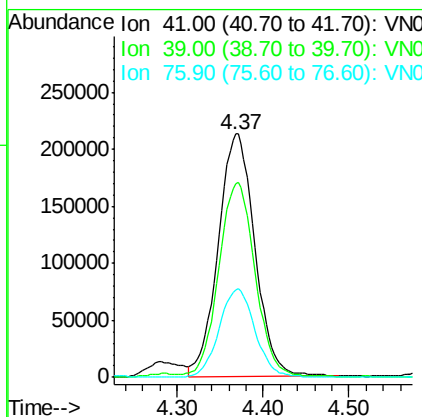
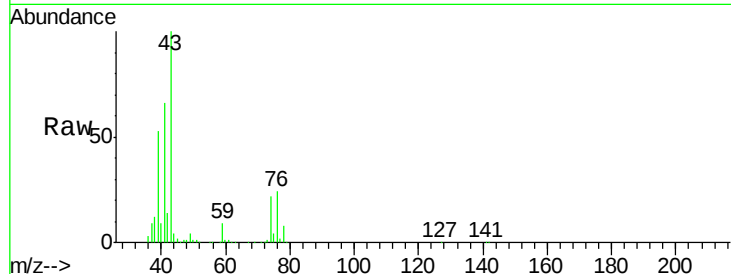
#15
Allvl chloride
Concen: 46.43 ug/l
RT: 4.37 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	78.6	49.7	74.5#
76	35.4	24.8	37.2

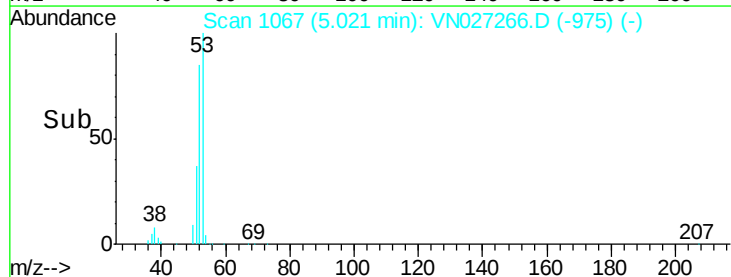
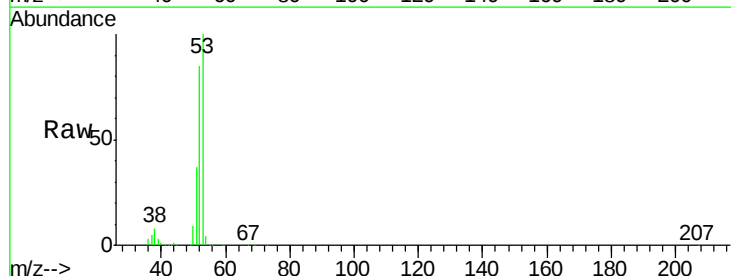
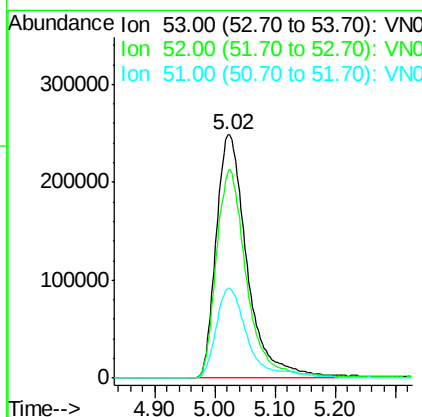
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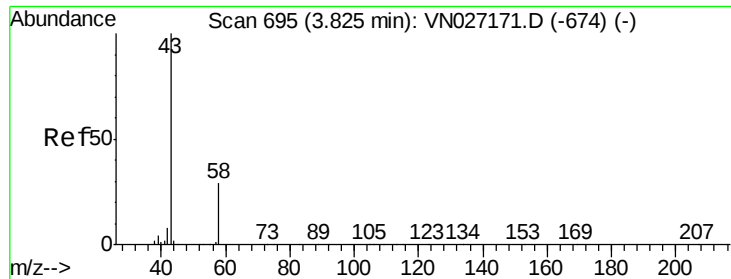
MMDadoda
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#16
Acrylonitrile
Concen: 257.00 ug/l
RT: 5.02 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.9	100.3
51	35.7	27.4	41.0





#17

Acetone

Concen: 240.09 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 692470

Ion Ratio Lower Upper

43 100

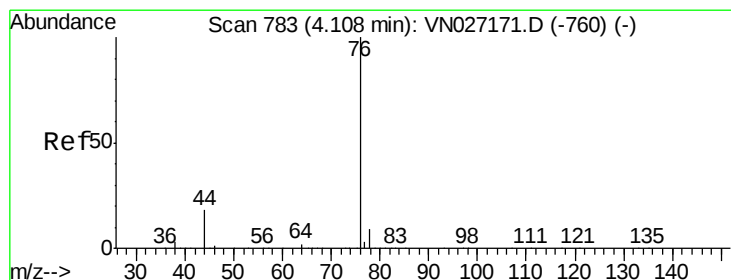
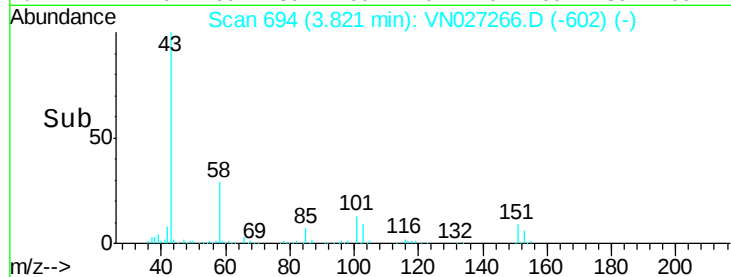
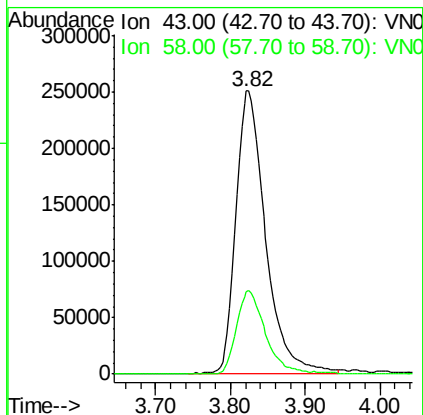
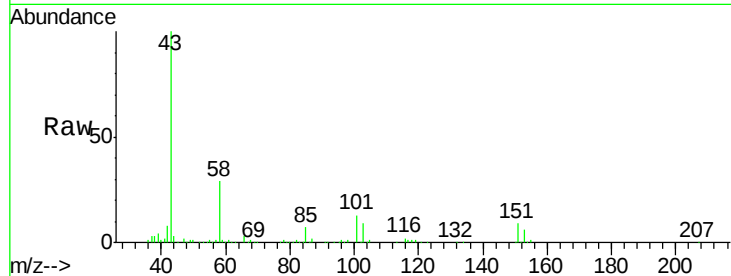
58 28.9 25.4 38.0

Manual Integrations

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#18

Carbon Disulfide

Concen: 44.48 ug/l

RT: 4.11 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN027266.D

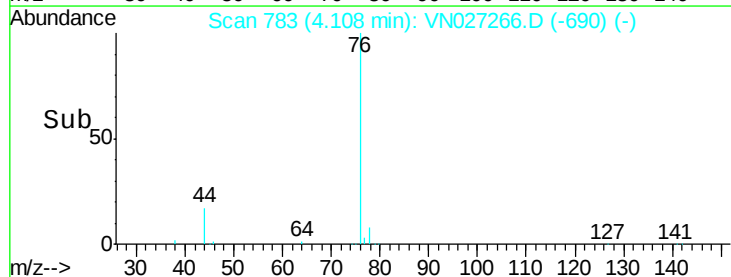
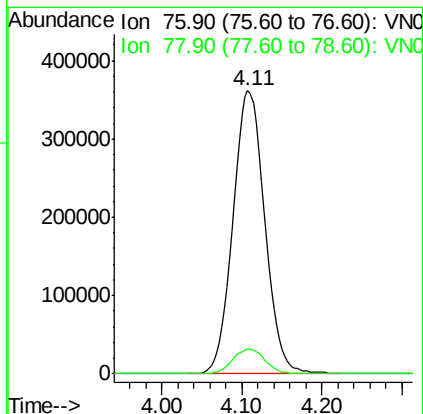
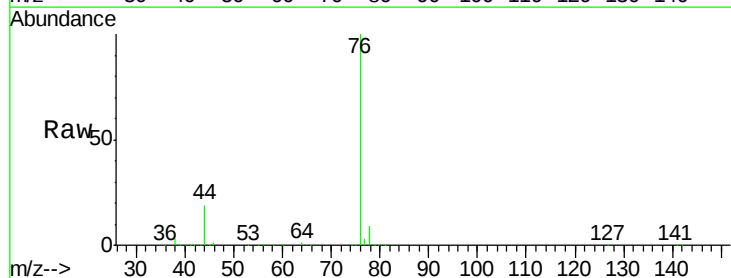
Acq: 17 Sep 2015 20:17

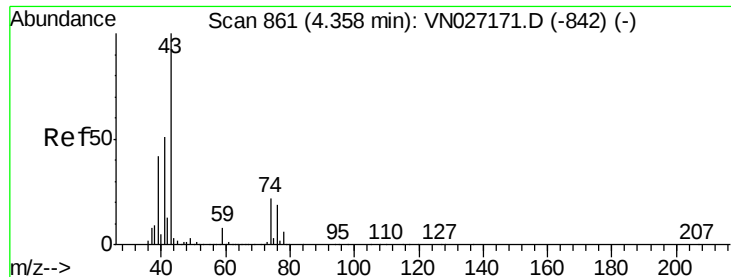
Tgt Ion: 76 Resp: 971117

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7





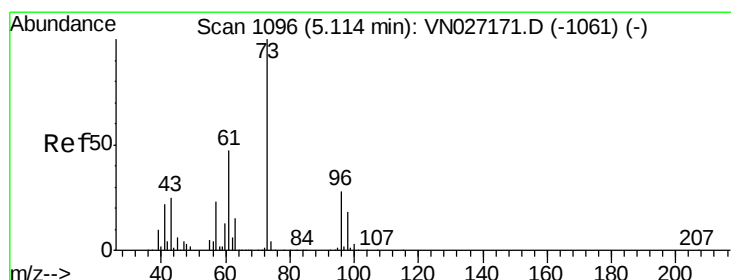
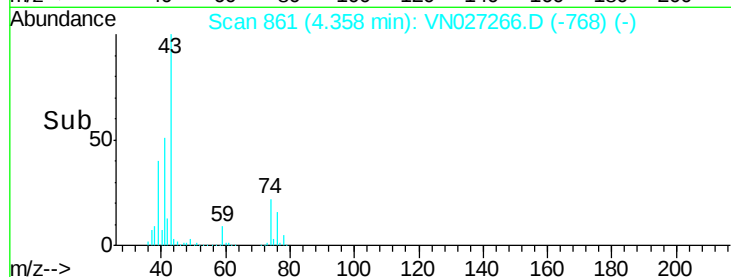
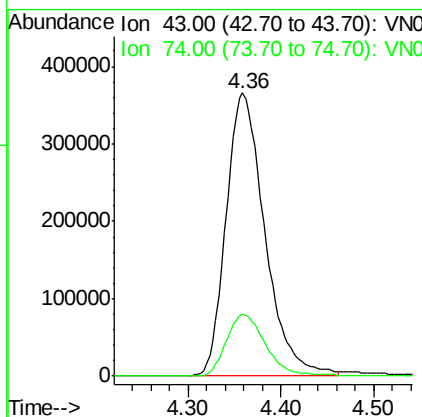
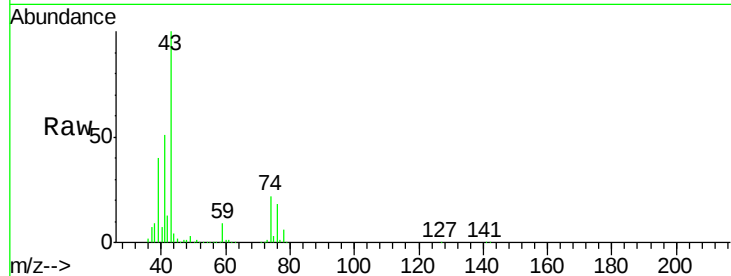
#19
Methyl Acetate
Concen: 50.47 ug/l
RT: 4.36 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1054338
Ion Ratio Lower Upper
43 100
74 22.4 16.2 24.2

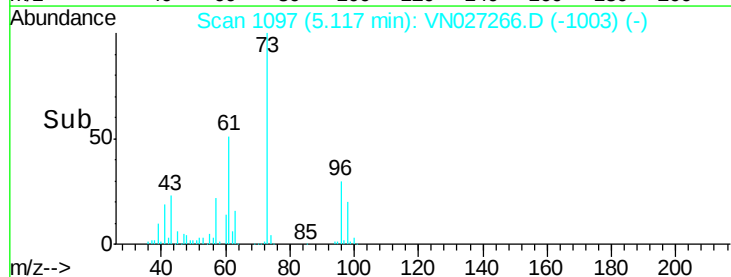
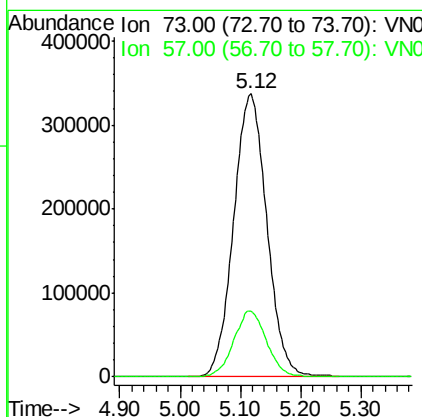
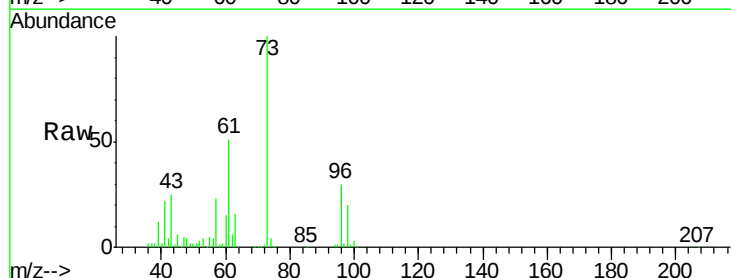
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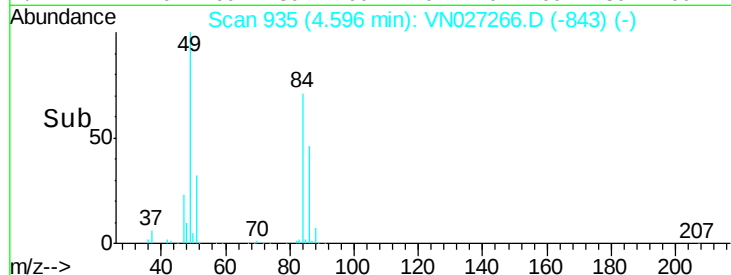
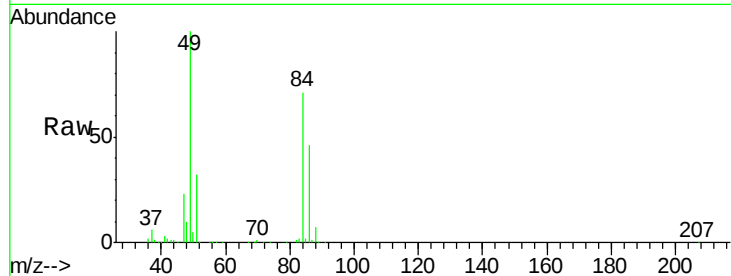
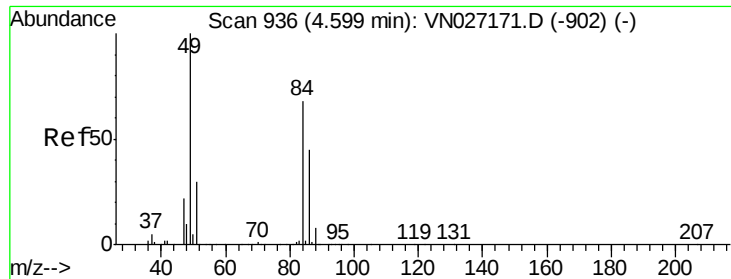
MMDadoda
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#20
Methyl tert-butyl Ether
Concen: 48.37 ug/l
RT: 5.12 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion: 73 Resp: 1301912
Ion Ratio Lower Upper
73 100
57 23.1 19.8 29.6





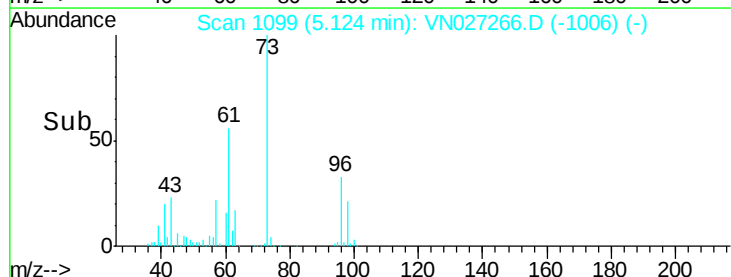
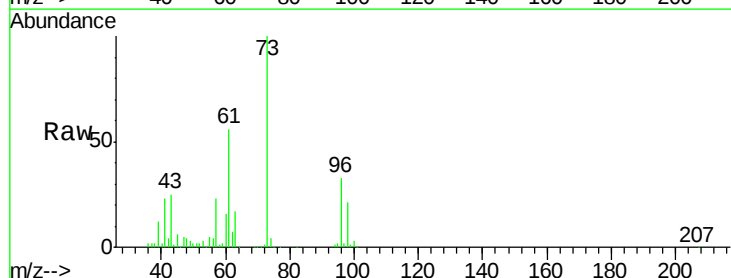
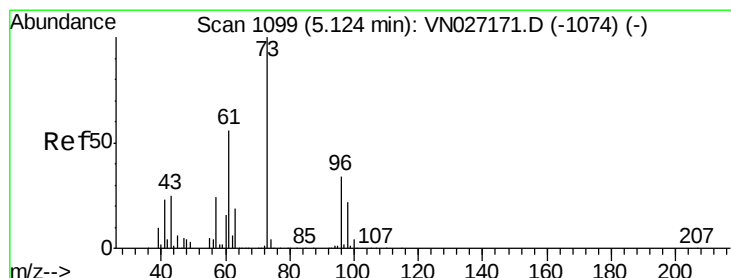
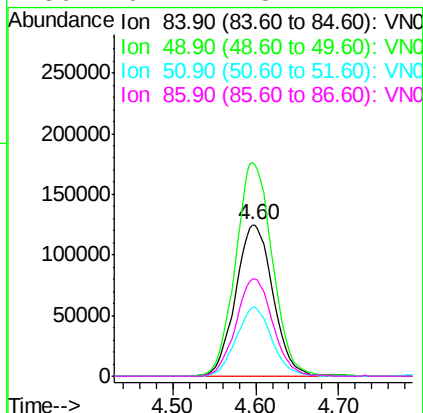
#21
Methylene Chloride
Concen: 48.65 ug/l
RT: 4.60 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tot Ion	84	Resp	390921
Ion	Ratio	Lower	Upper
84	100		
49	140.8	112.3	168.5
51	45.4	33.8	50.8
86	64.4	48.2	72.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

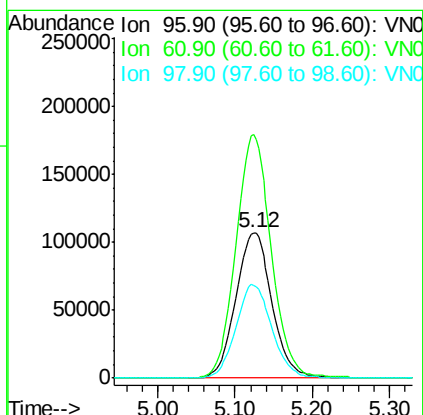
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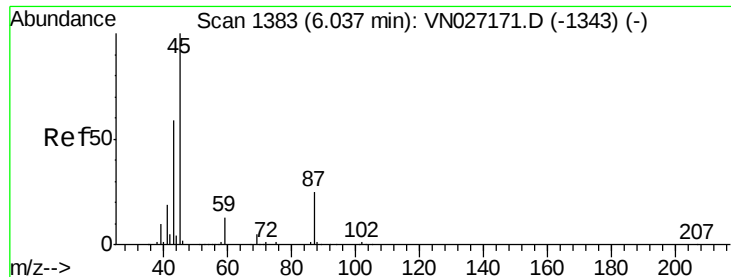
MMDadoda
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#22
trans-1,2-Dichloroethene
Concen: 47.84 ug/l
RT: 5.12 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion	96	Resp	346859
Ion	Ratio	Lower	Upper
96	100		
61	167.4	126.6	189.8
98	63.8	47.4	71.2





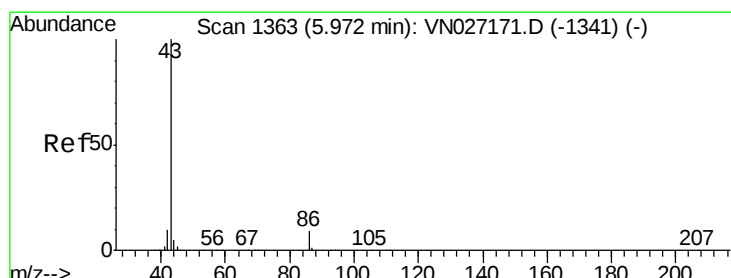
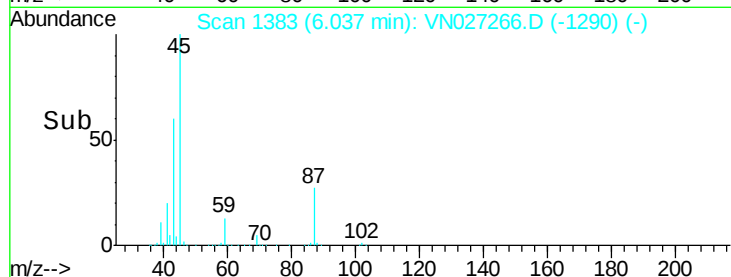
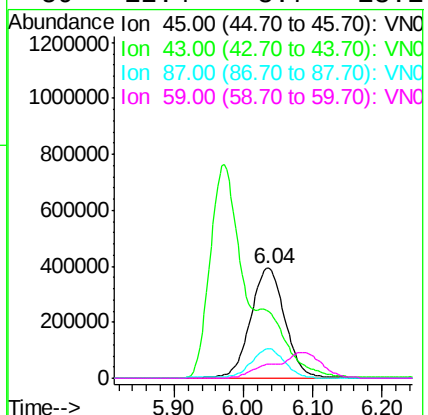
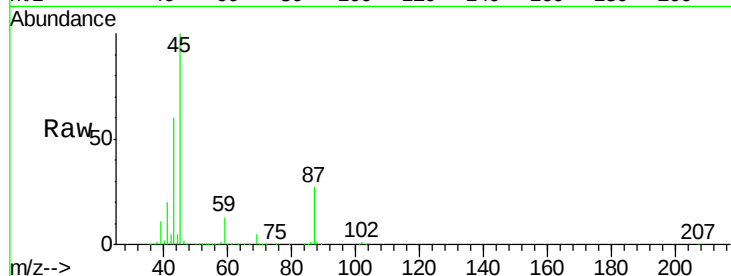
#23
Diisopropyl ether
Concen: 47.76 ug/l
RT: 6.04 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	59.1	41.0	61.6	
87	26.5	17.5	26.3	
59	12.4	8.7	13.1	

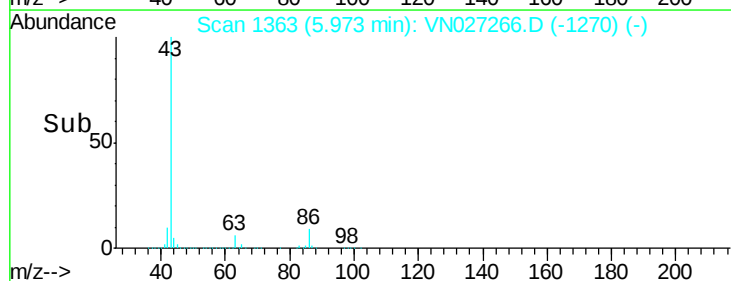
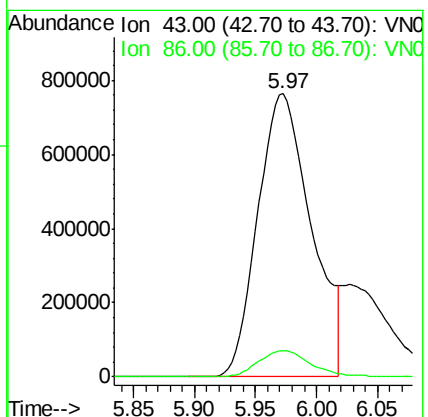
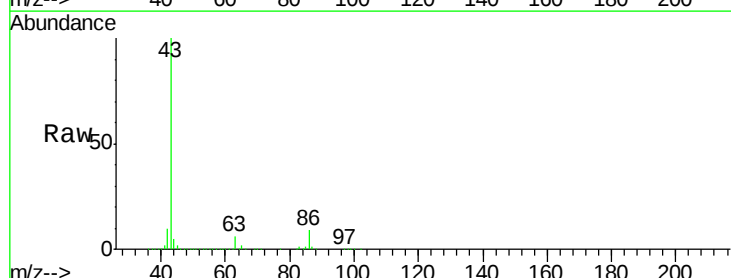
Manual Integrations
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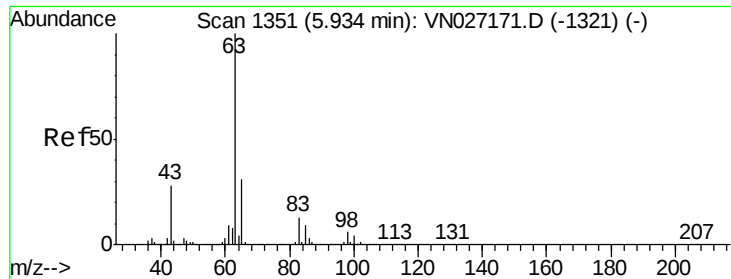
MMDadoda
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#24
Vinyl Acetate
Concen: 247.33 ug/l
RT: 5.97 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
86	9.4	6.9	10.3	





#25

1,1-Dichloroethane

Concen: 47.36 ug/l

RT: 5.93 min Scan# 1351

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

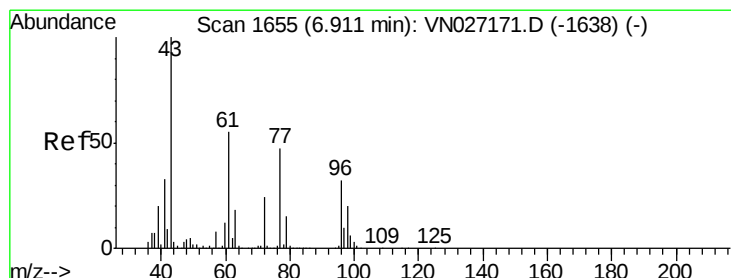
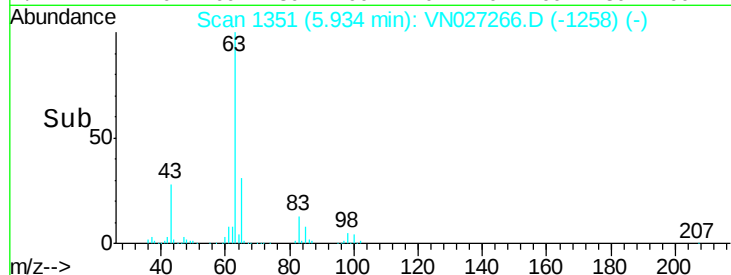
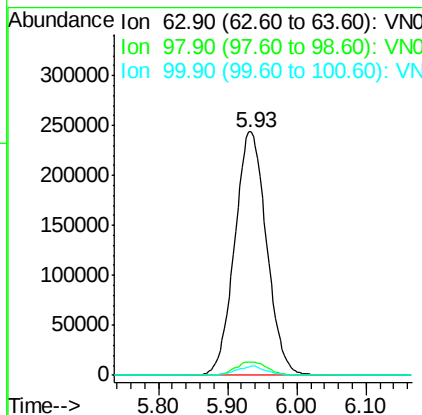
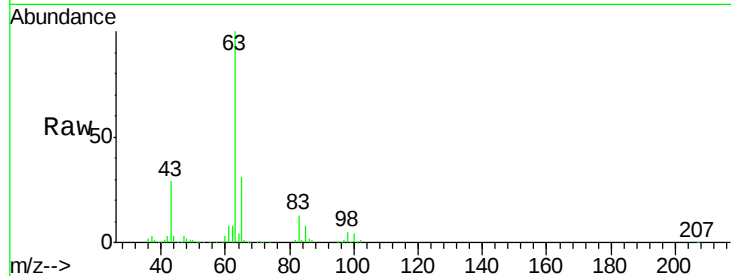
ClientSampleId :

VSTDCCC050EC

Tot Ion:	63	Resp:	781586
Ion Ratio	Lower	Upper	
63	100		
98	5.4	2.8	8.3
100	3.6	1.7	5.0

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#26

2-Butanone

Concen: 248.04 ug/l

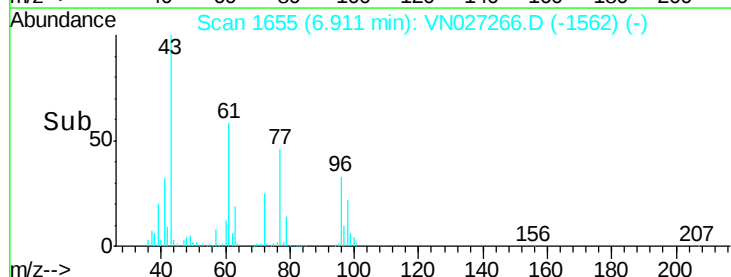
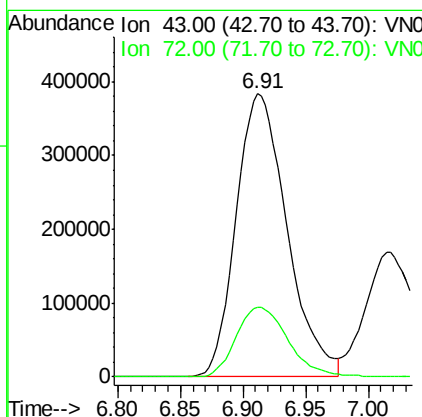
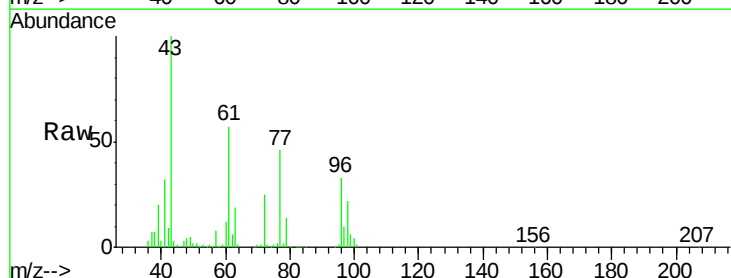
RT: 6.91 min Scan# 1655

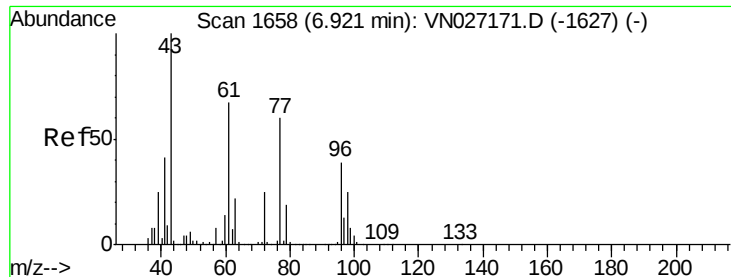
Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Tgt Ion:	43	Resp:	1077313
Ion Ratio	Lower	Upper	
43	100		
72	24.7	18.8	28.2





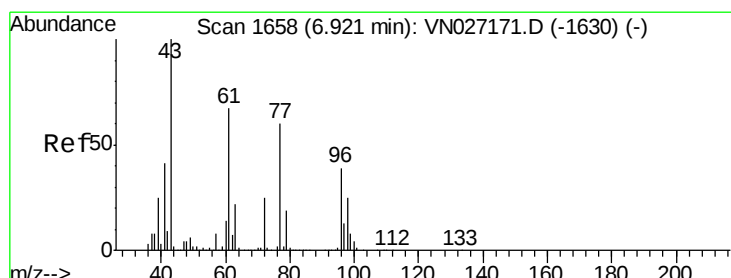
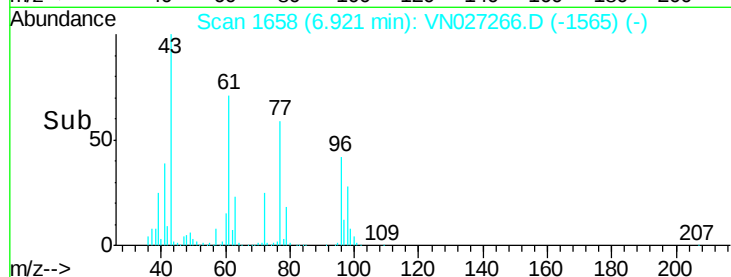
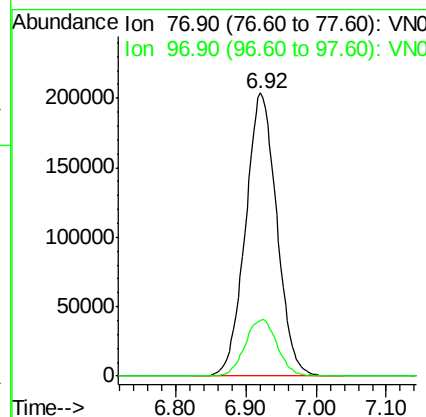
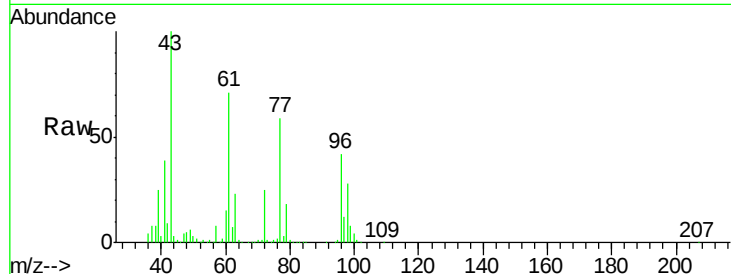
#27
 2,2-Dichloropropane
 Concen: 43.80 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 77 Resp: 627228
 Ion Ratio Lower Upper
 77 100
 97 20.6 11.8 35.3

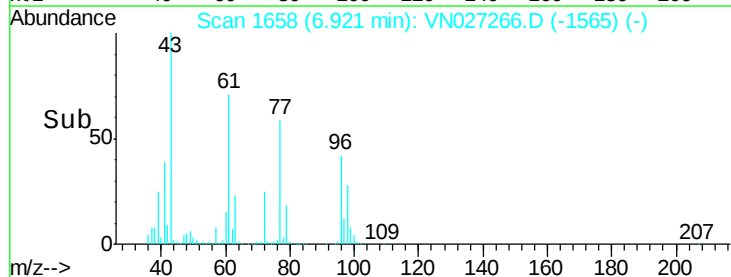
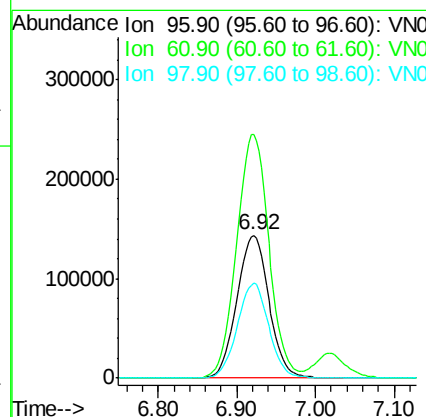
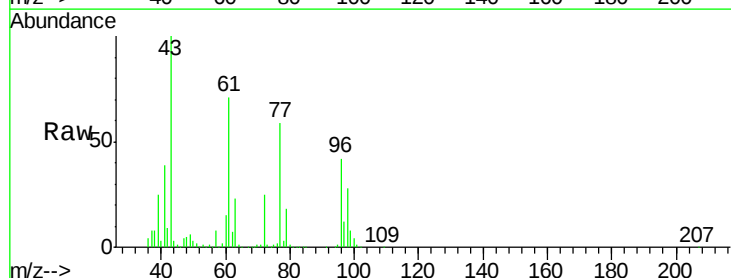
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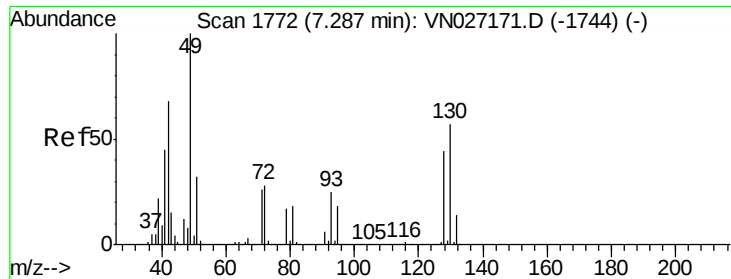
MMDadoda
 9/18/2015 12:23:46 PM



#28
 cis-1,2-Dichloroethene
 Concen: 49.28 ug/l
 RT: 6.92 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 96 Resp: 409830
 Ion Ratio Lower Upper
 96 100
 61 171.2 0.0 329.2
 98 65.2 0.0 126.0





#29

Bromochloromethane

Concen: 46.62 ug/l

RT: 7.29 min Scan# 1772

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

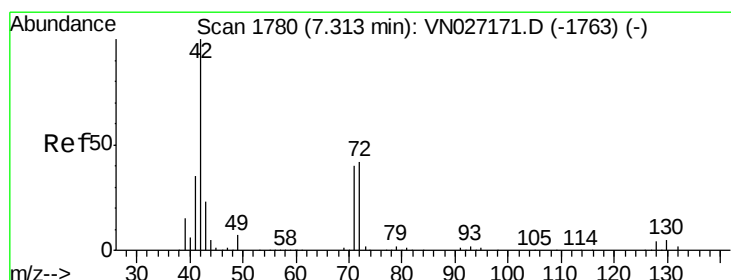
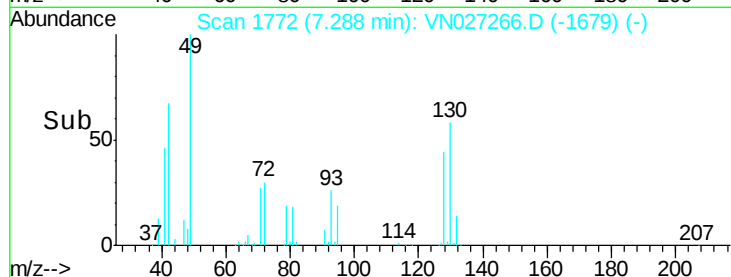
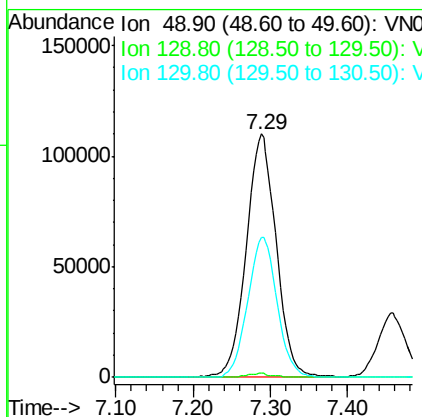
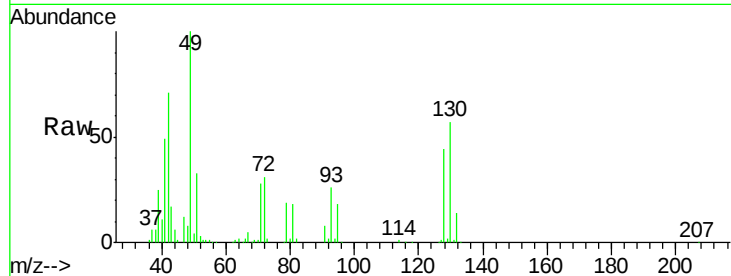
ClientSampled :

VSTDCCC050EC

Tot Ion:	49	Resp:	298664
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.2
130	56.3	43.2	64.8

Manual Integrations
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#30

Tetrahydrofuran

Concen: 232.82 ug/l

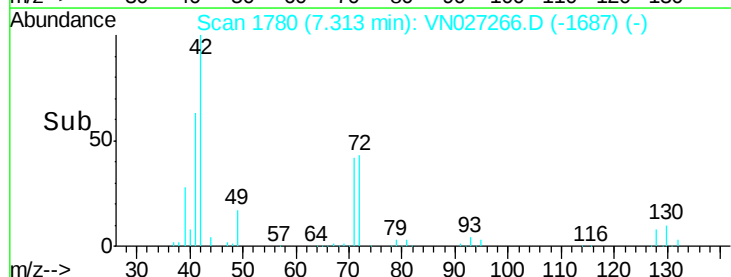
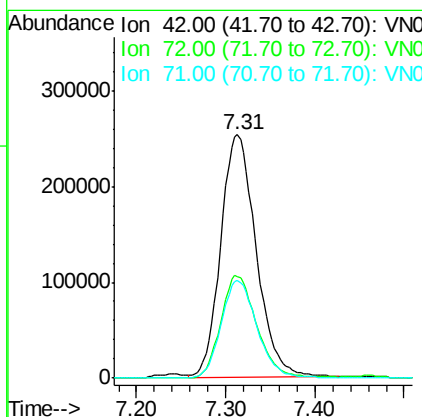
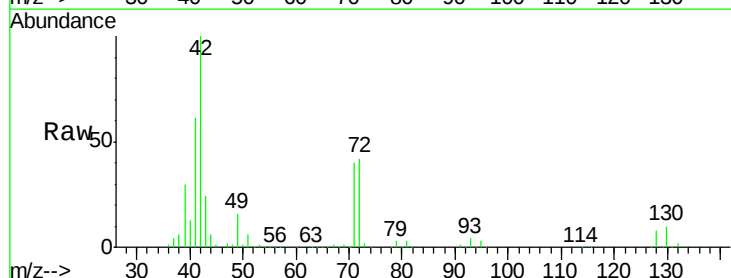
RT: 7.31 min Scan# 1780

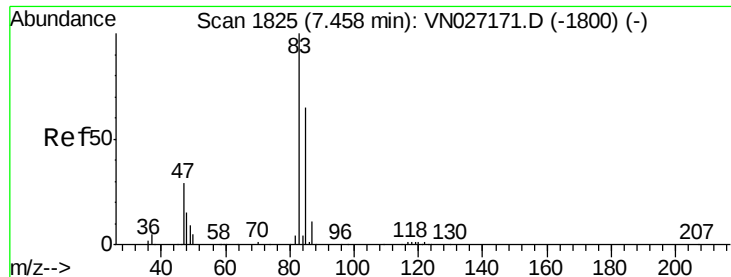
Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Tgt Ion:	42	Resp:	696921
Ion	Ratio	Lower	Upper
42	100		
72	42.8	29.9	44.9
71	40.8	28.3	42.5





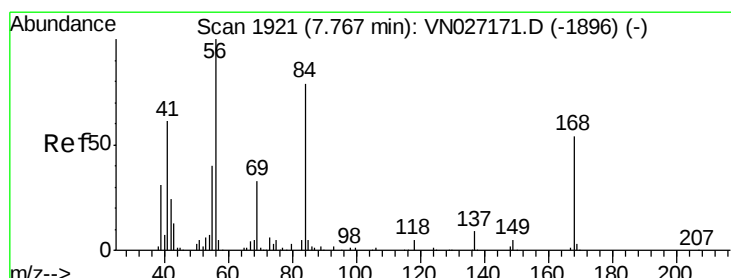
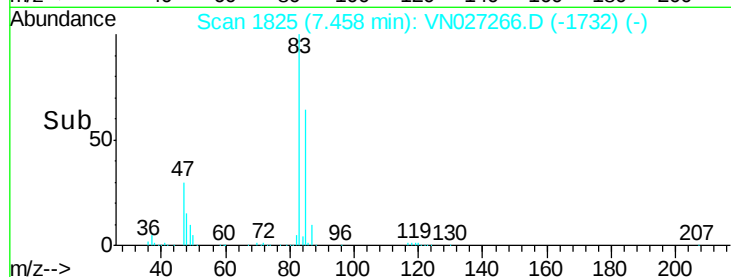
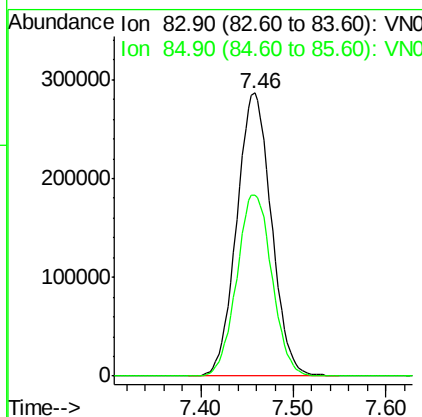
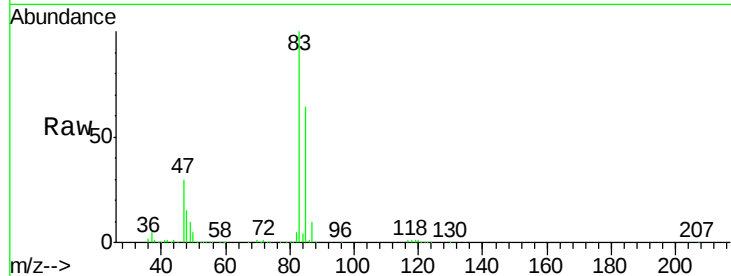
#31
Chloroform
Concen: 49.80 ug/l
RT: 7.46 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	742649
Ion Ratio	100	Lower	Upper
85	63.9	51.1	76.7

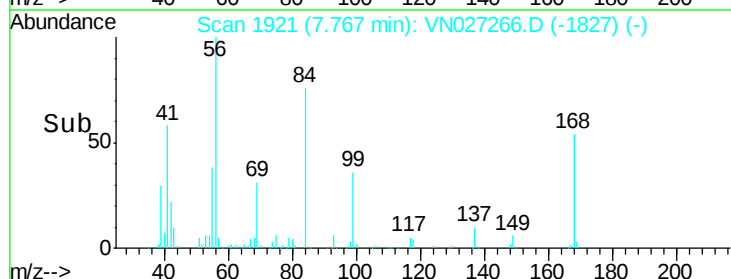
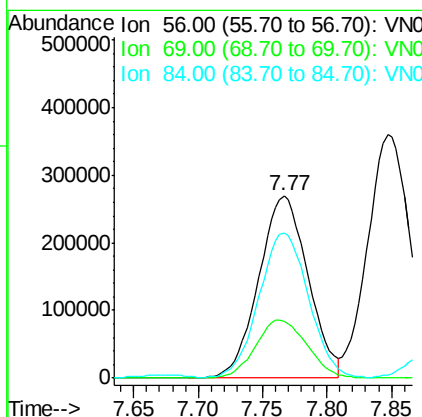
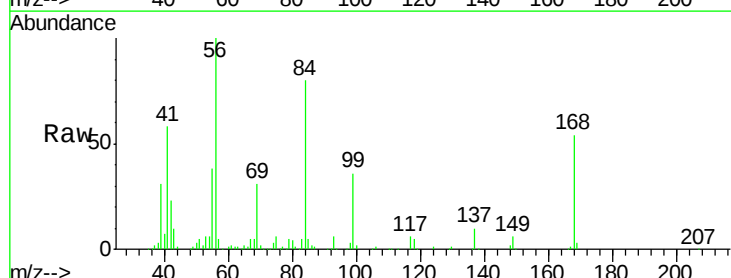
Manual Integrations
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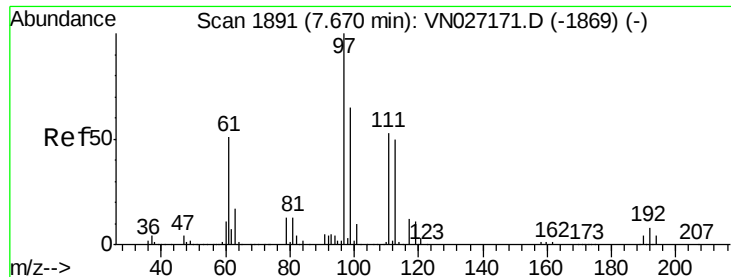
MMDadoda
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#32
Cyclohexane
Concen: 48.79 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion	56	Resp	717111
Ion Ratio	100	Lower	Upper
69	31.0	23.0	34.4
84	78.7	57.8	86.8





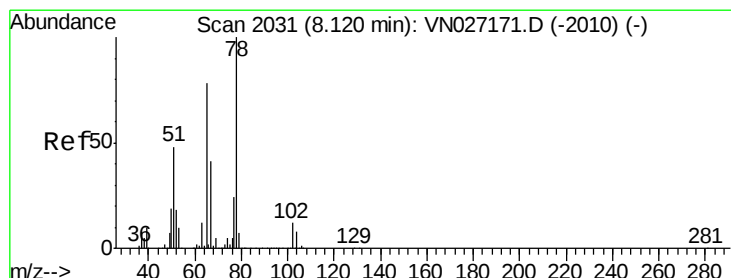
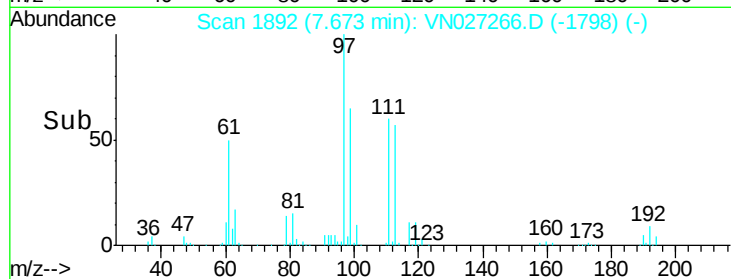
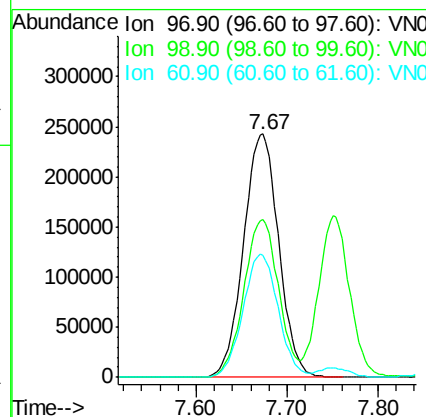
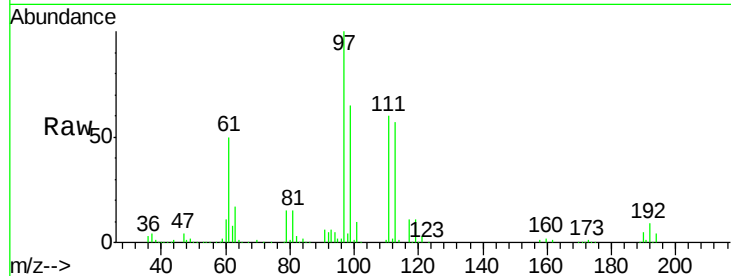
#33
 1,1,1-Trichloroethane
 Concen: 48.99 ug/l
 RT: 7.67 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.1	75.1
61	50.7	44.0	66.0

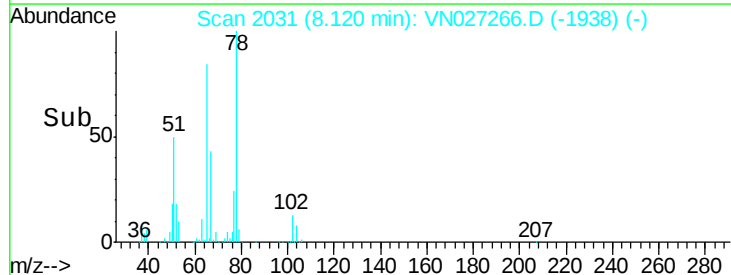
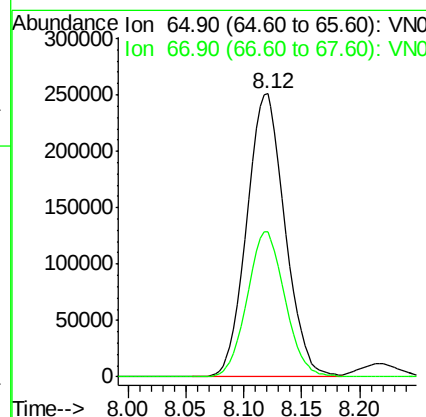
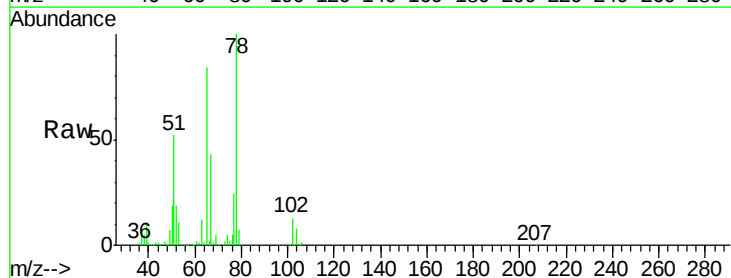
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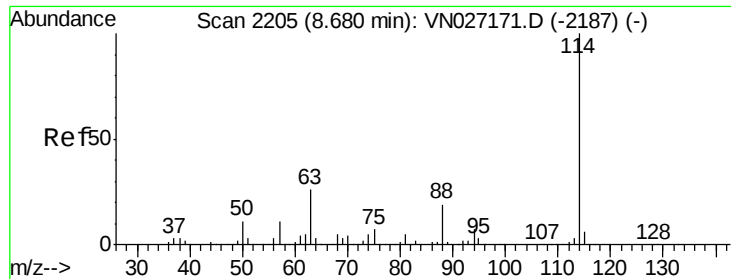
MMDadoda
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#34
 1,2-Dichloroethane-d4
 Concen: 53.83 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	110.6





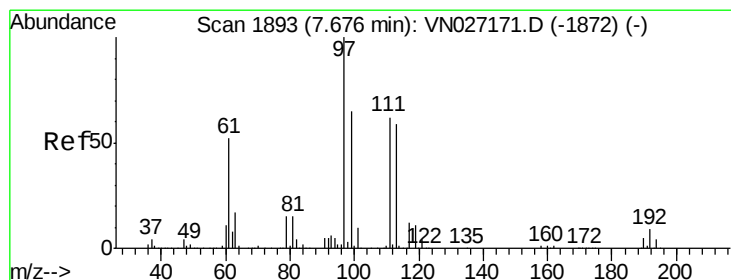
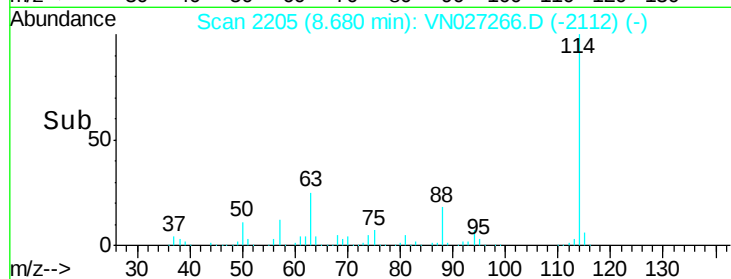
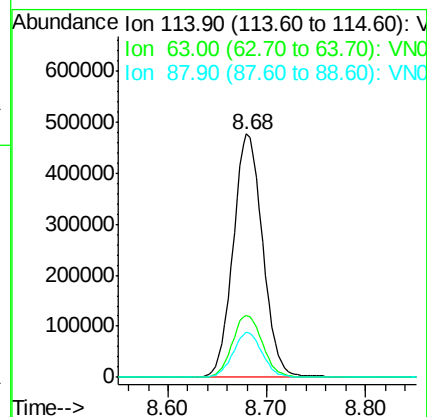
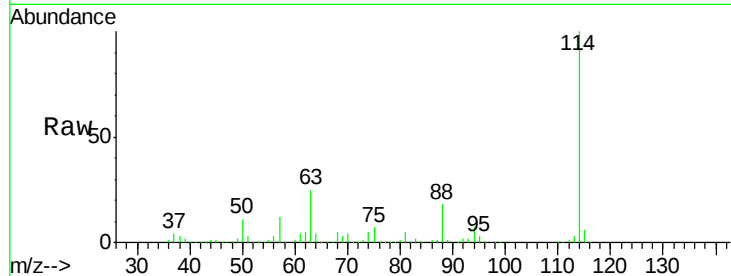
#35
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.68 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
114	100	997584		
63	25.2	0.0	48.8	
88	18.4	0.0	32.2	

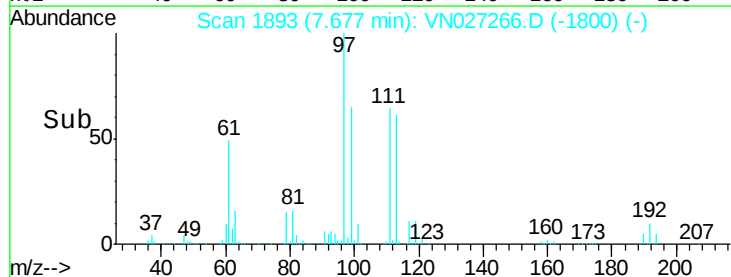
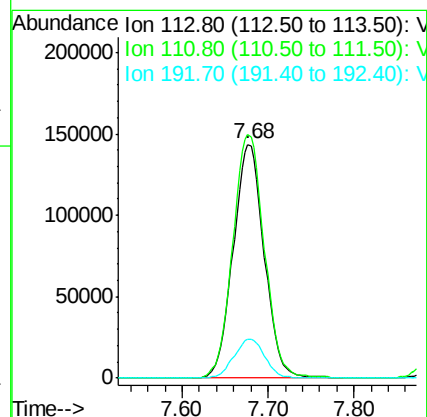
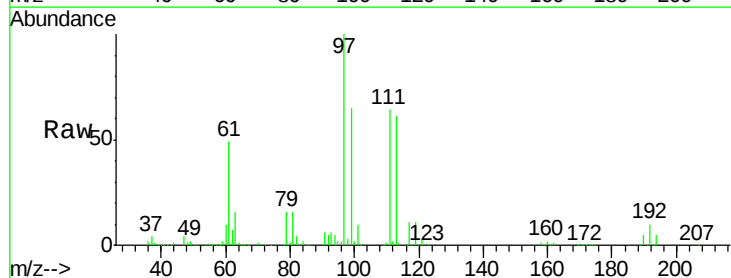
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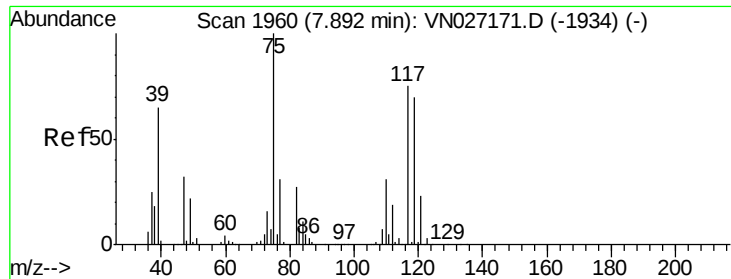
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#36
 Dibromofluoromethane
 Concen: 51.82 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	358361		
111	105.8	83.0	124.4	
192	16.7	14.1	21.1	





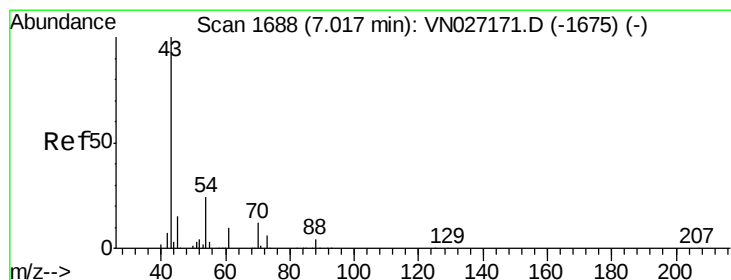
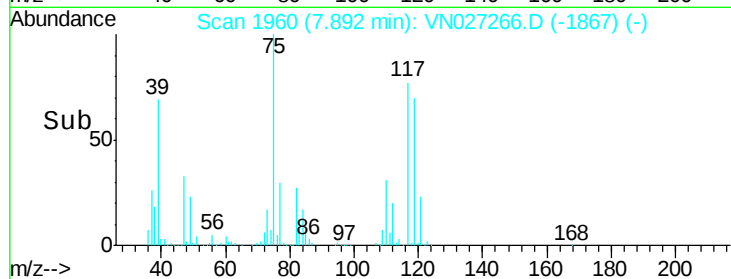
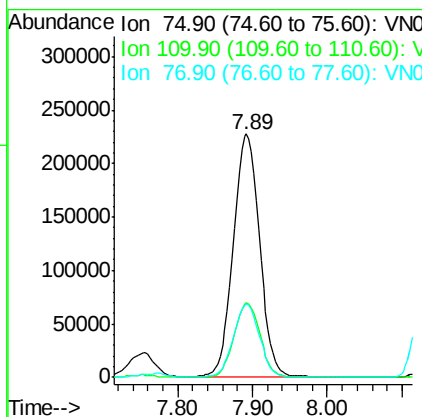
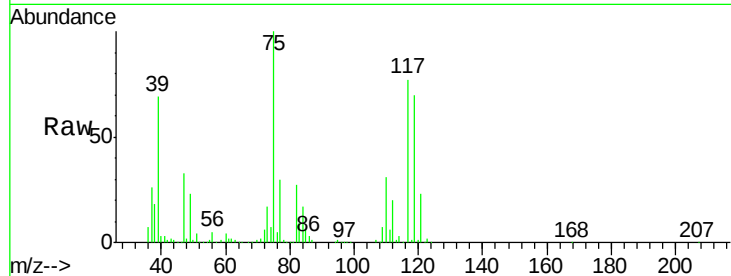
#37
 1,1-Dichloropropene
 Concen: 47.69 ug/l
 RT: 7.89 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	30.5	15.9	47.7	
77	30.0	24.9	37.3	

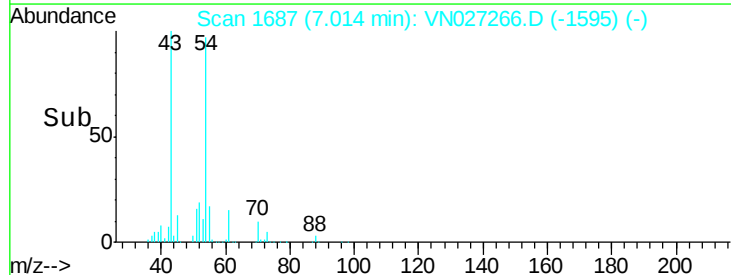
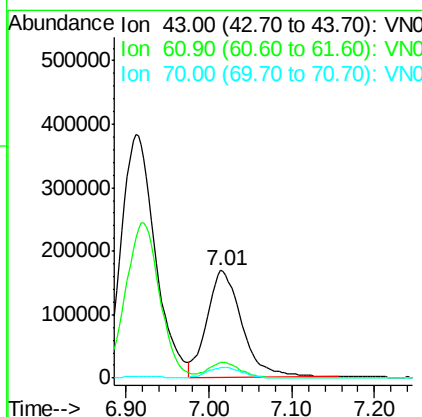
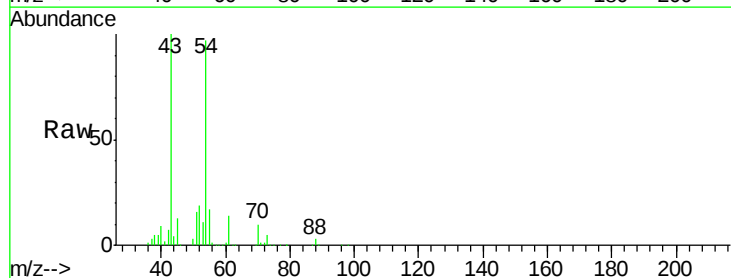
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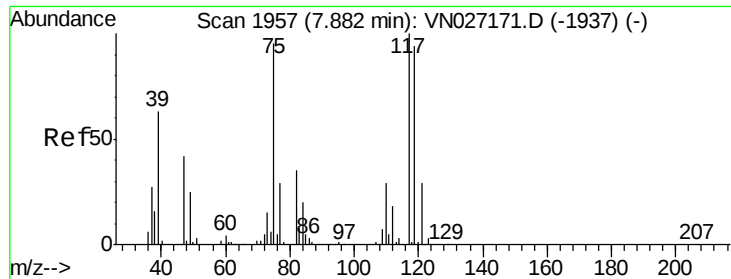
MMDadoda
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#38
 Ethyl Acetate
 Concen: 49.88 ug/l
 RT: 7.01 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	13.4	10.2	15.4	
70	9.9	7.4	11.0	





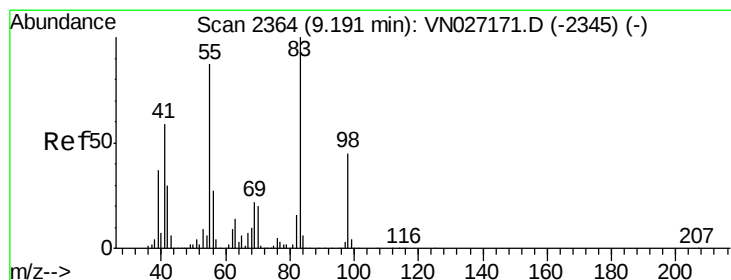
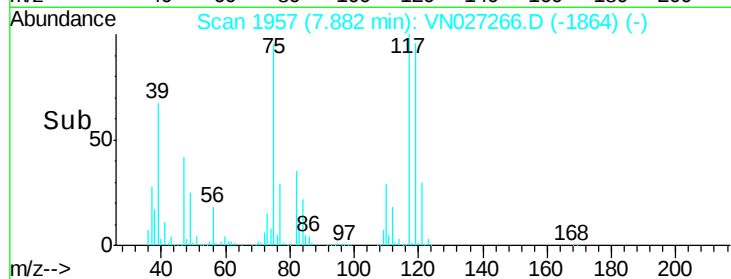
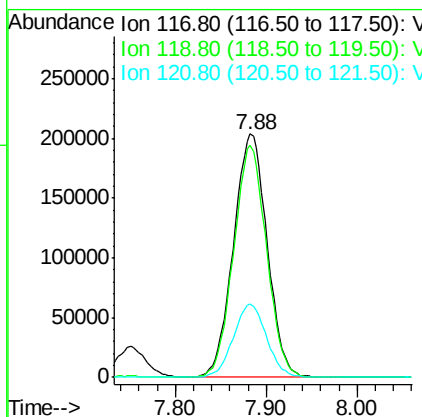
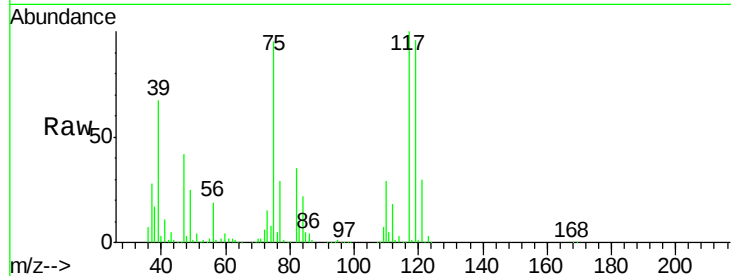
#39
Carbon Tetrachloride
Concen: 47.74 ug/l
RT: 7.88 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.3	112.9
121	30.0	23.8	35.8

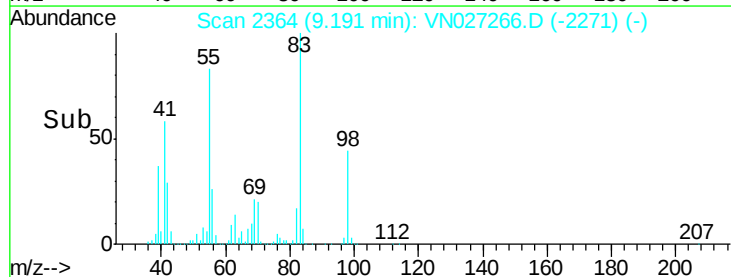
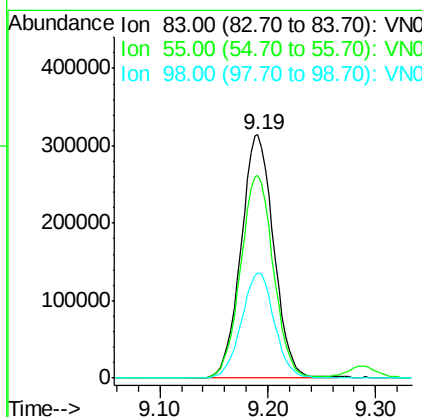
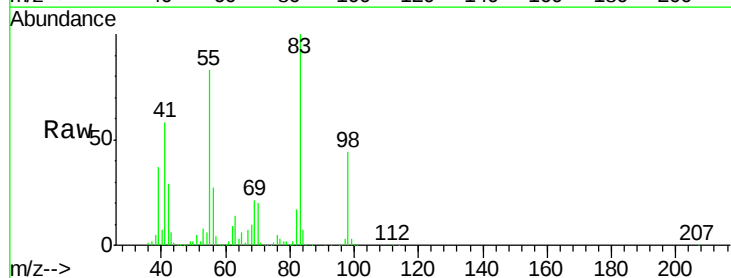
Manual Integrations
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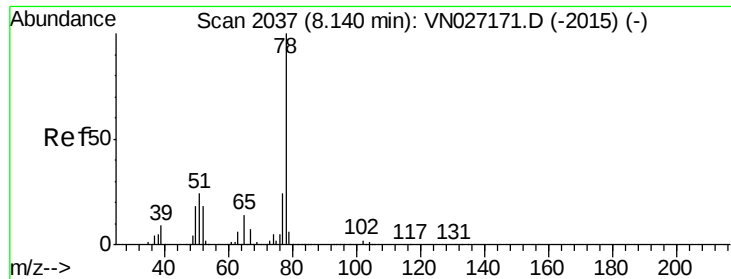
MMDadoda
9/18/2015 12:23:46 PM



#40
Methylcyclohexane
Concen: 46.60 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.3	69.8	104.8
98	43.5	34.3	51.5





#41

Benzene

Concen: 47.62 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 78 Resp: 1622417

Ion Ratio Lower Upper

78 100

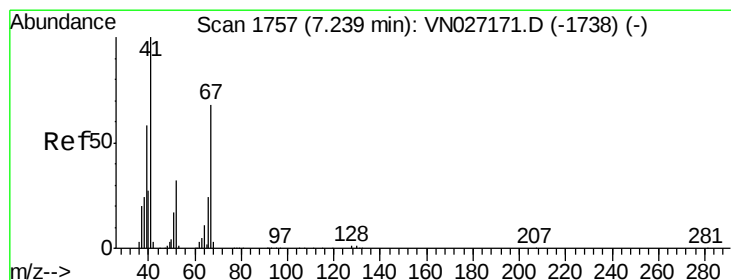
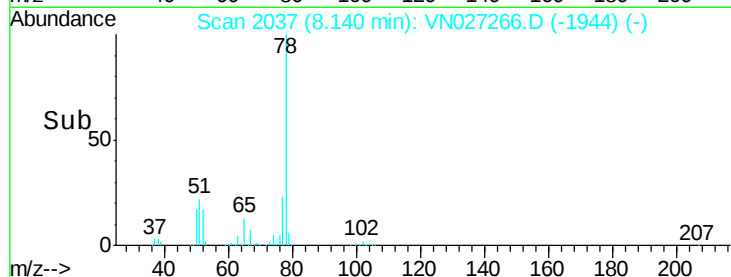
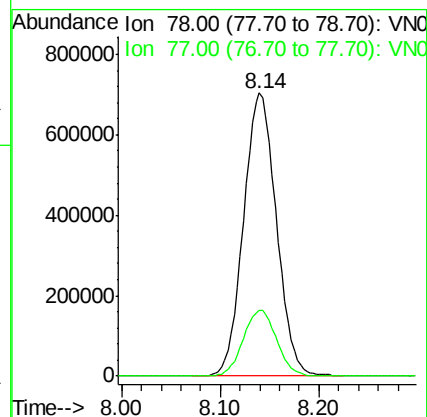
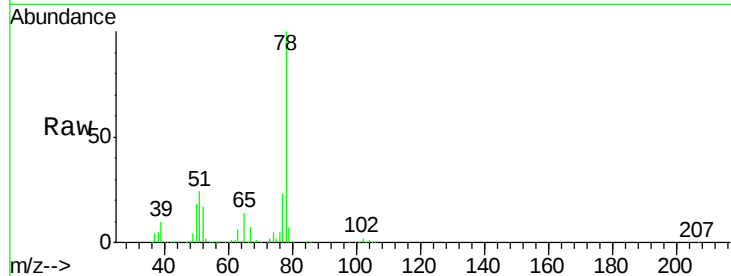
77 23.1 19.0 28.4

Manual Integrations

APPROVED

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#42

Methacrylonitrile

Concen: 49.01 ug/l

RT: 7.24 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Tgt Ion: 41 Resp: 276682

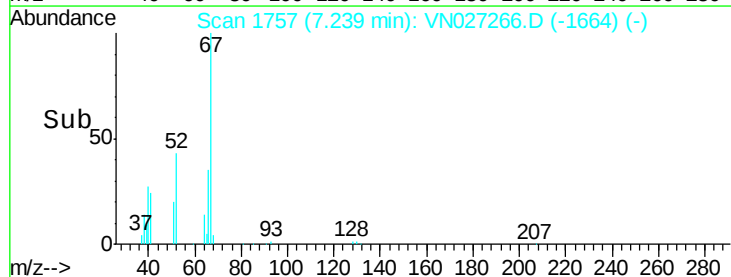
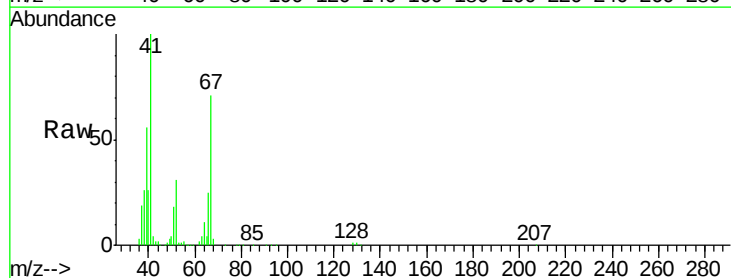
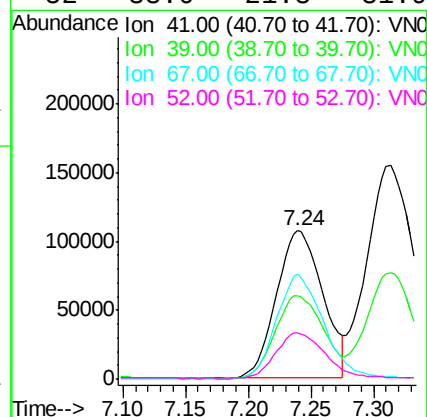
Ion Ratio Lower Upper

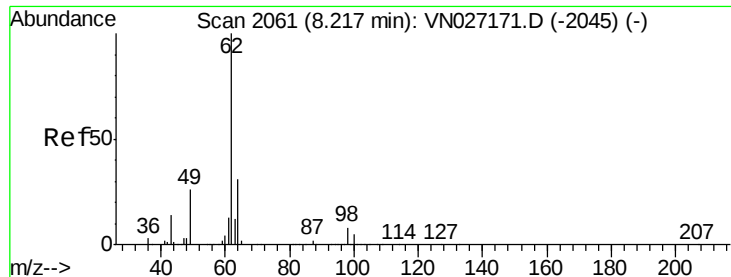
41 100

39 58.2 43.0 64.6

67 72.8 52.2 78.2

52 33.0 21.3 31.9#





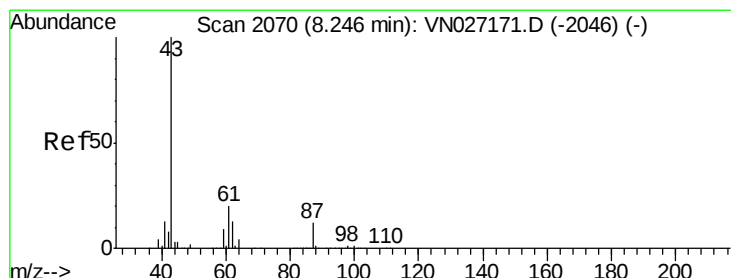
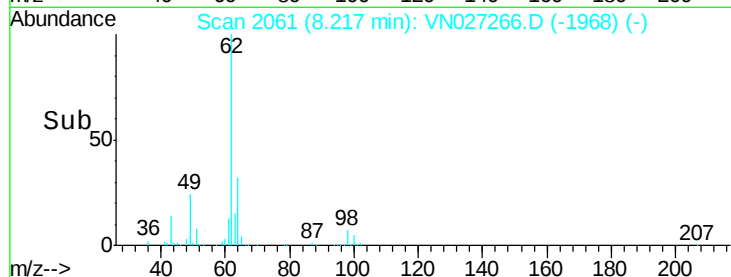
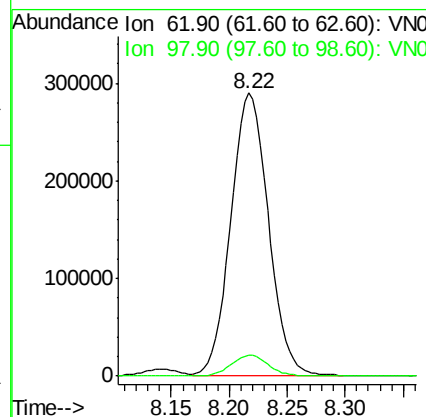
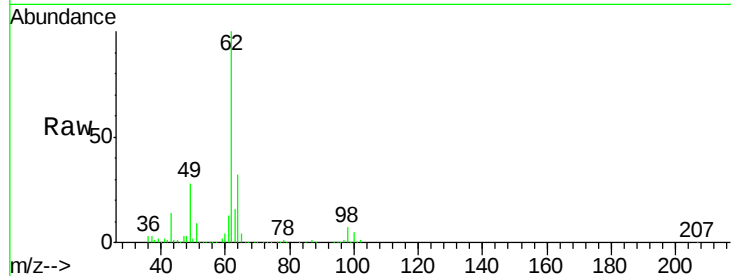
#43
 1,2-Dichloroethane
 Concen: 47.27 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
62	100	648889		
98	7.5	0.0	18.0	

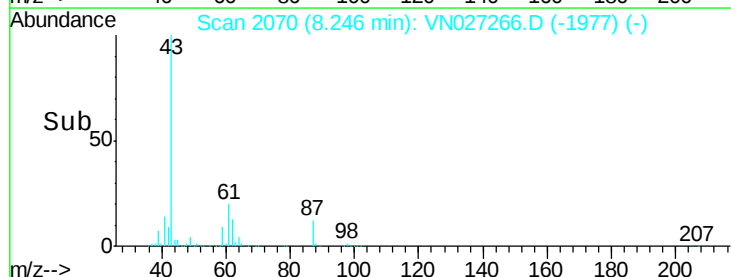
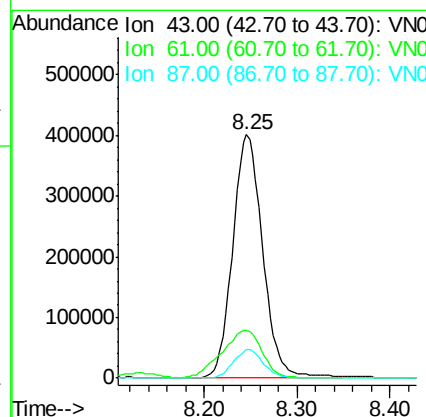
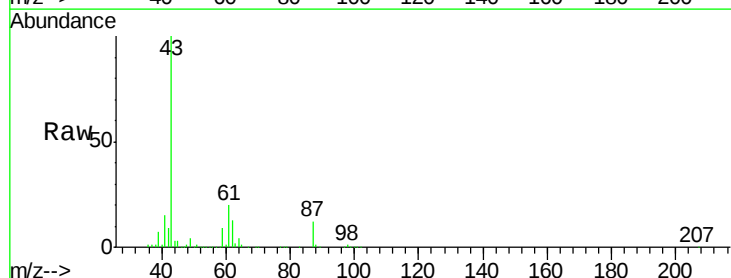
Manual Integrations
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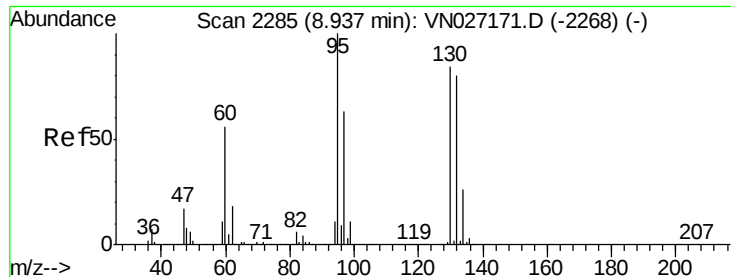
MMDadoda
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#44
 Isopropyl Acetate
 Concen: 47.83 ug/l
 RT: 8.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	892579		
61	26.5	20.6	31.0	
87	11.8	8.6	13.0	





#45

Trichloroethene

Concen: 47.90 ug/l

RT: 8.93 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:130 Resp: 327837

Ion Ratio Lower Upper

130 100

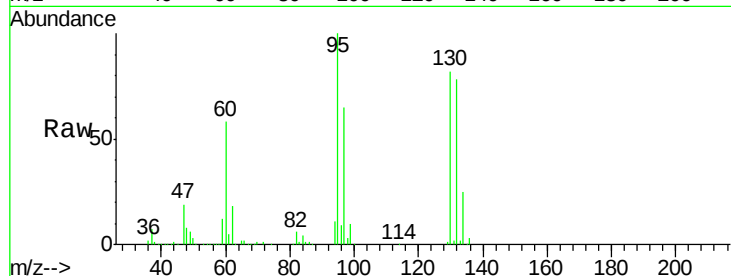
95 121.2 0.0 222.2

Manual Integrations

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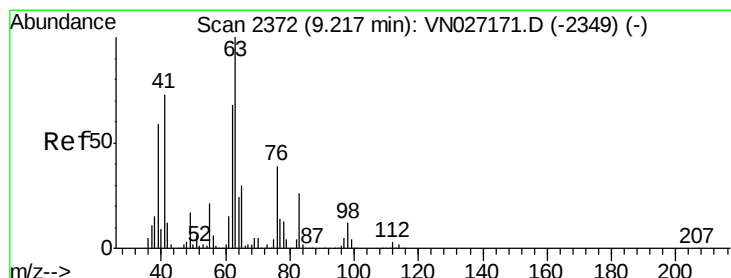
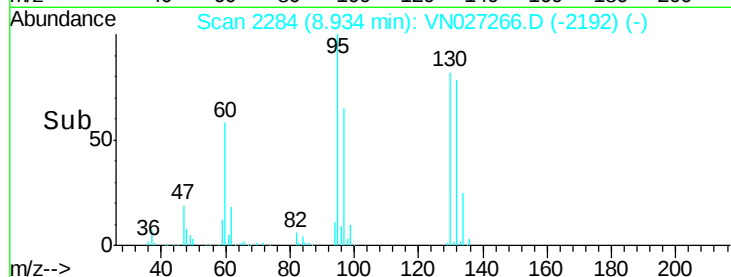
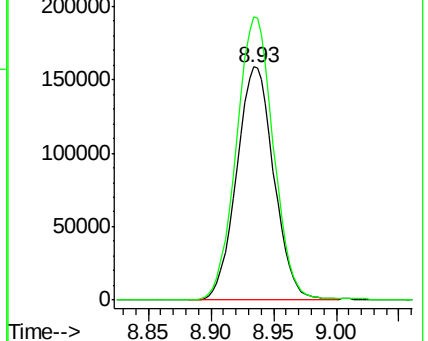
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#46

1,2-Dichloropropane

Concen: 46.46 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN027266.D

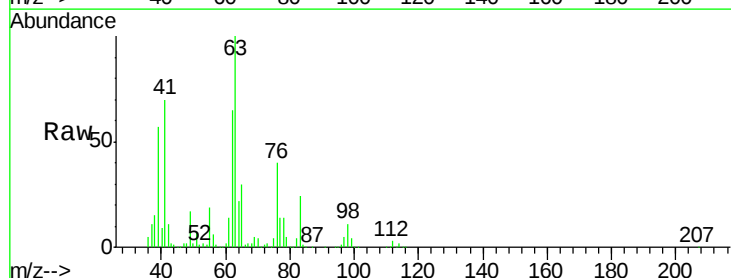
Acq: 17 Sep 2015 20:17

Tgt Ion: 63 Resp: 455396

Ion Ratio Lower Upper

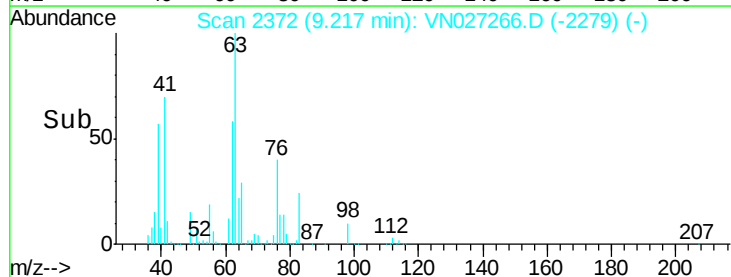
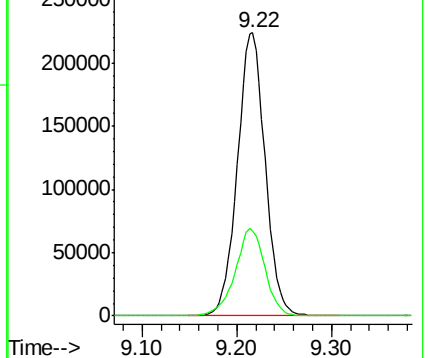
63 100

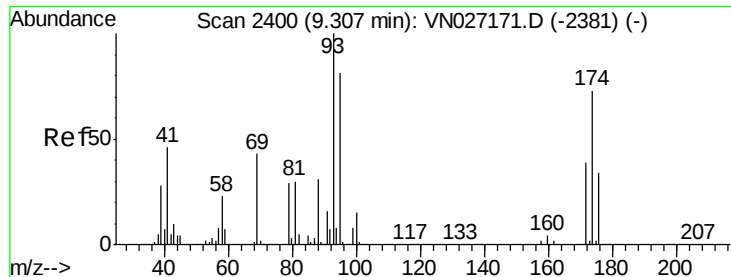
65 29.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





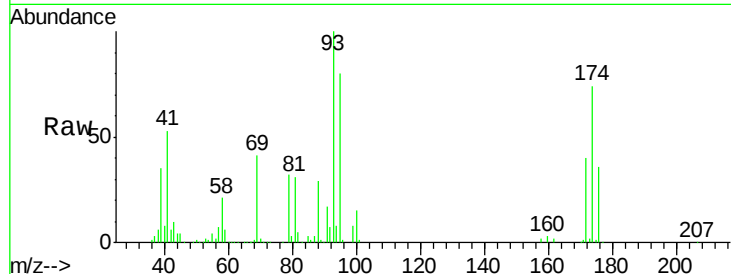
#47
Dibromomethane
Concen: 47.56 ug/l
RT: 9.31 min Scan# 2400
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

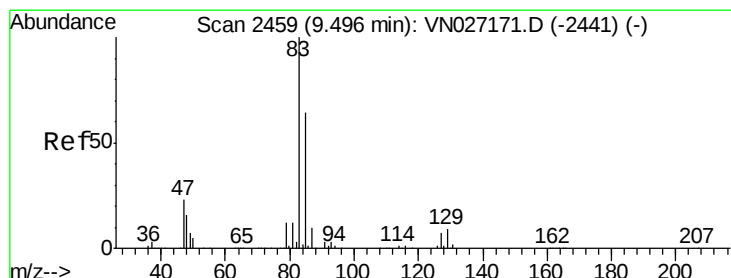
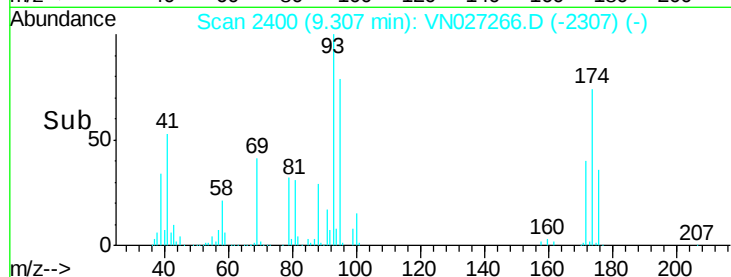
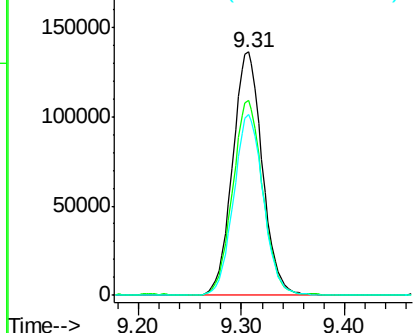
Tot Ion	Ratio	Resp	Lower	Upper
93	100	273757		
95	81.2	66.3	99.5	
174	74.4	67.8	101.6	

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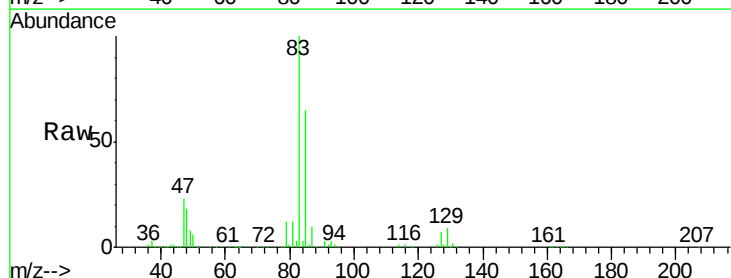


Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

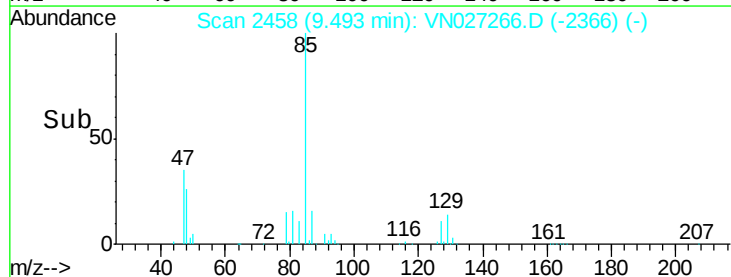
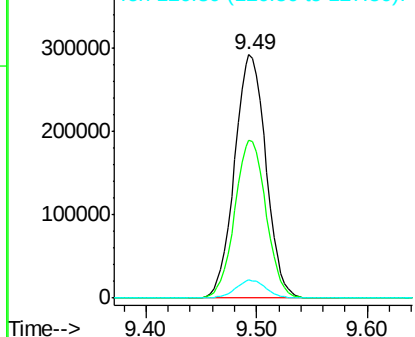


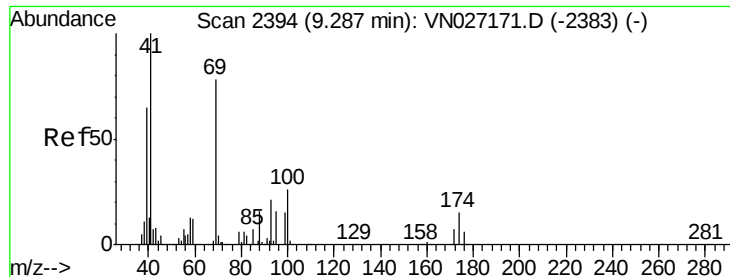
#48
Bromodichloromethane
Concen: 47.41 ug/l
RT: 9.49 min Scan# 2458
Delta R.T. -0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	575058		
85	64.9	50.7	76.1	
127	7.3	5.5	8.3	



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V





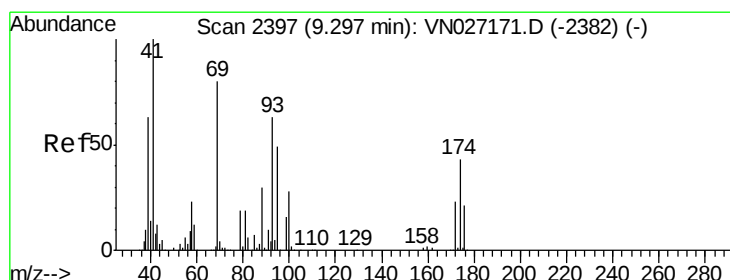
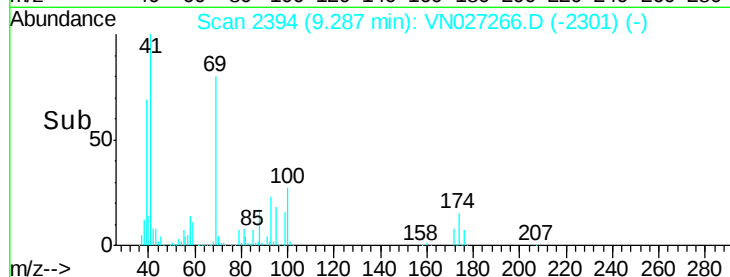
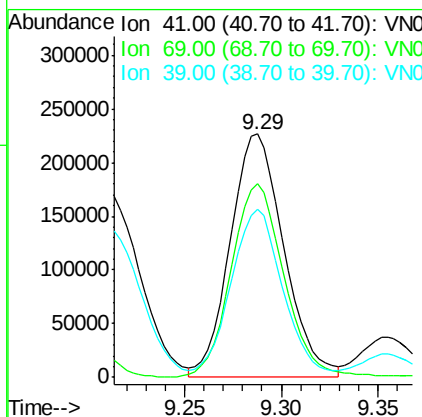
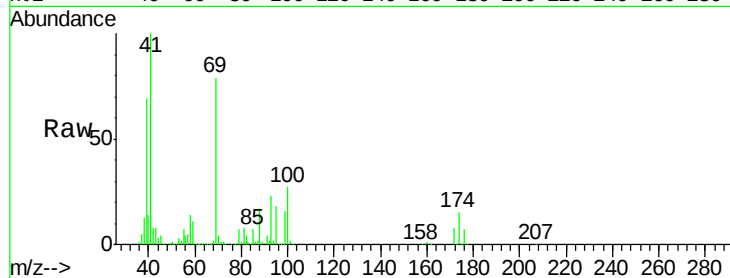
#49
Methvl methacrvlate
Concen: 46.66 ug/l
RT: 9.29 min Scan# 2394
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
41	100	433831		
69	79.1	59.3	88.9	
39	67.2	39.5	59.3#	

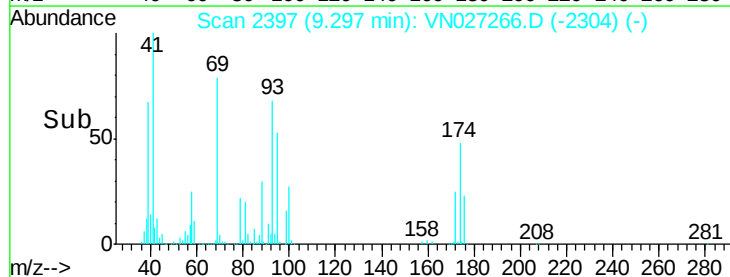
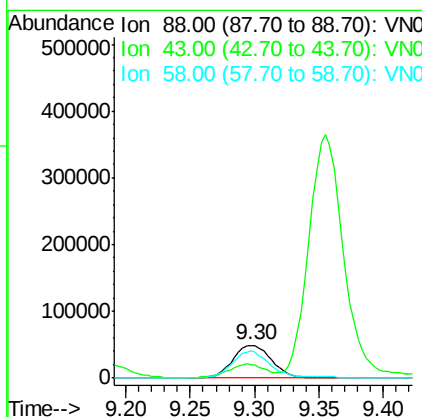
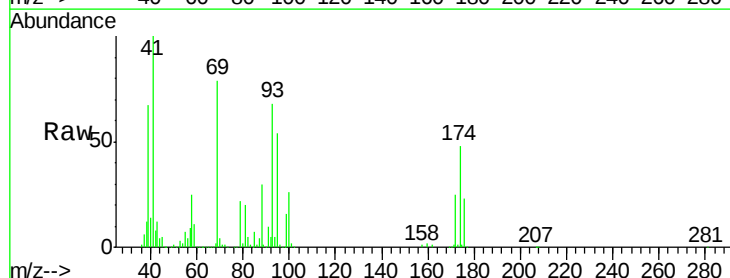
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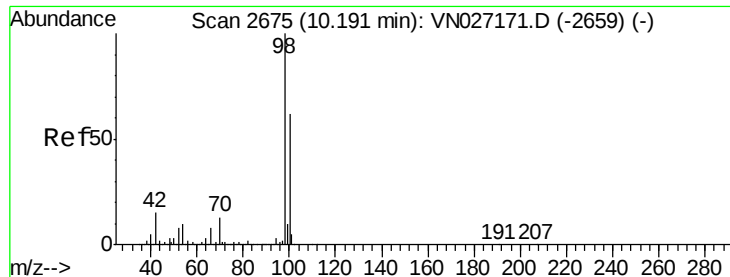
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#50
1,4-Dioxane
Concen: 952.83 ug/l
RT: 9.30 min Scan# 2397
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	103899		
43	37.7	27.6	41.4	
58	78.6	63.1	94.7	





#51

Toluene-d8

Concen: 51.62 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 98 Resp: 1397758

Ion Ratio Lower Upper

98 100

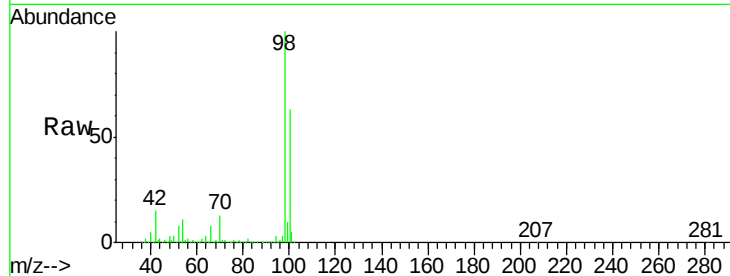
100 62.6 50.5 75.7

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Abundance Ion 98.00 (97.70 to 98.70): VN027171.D (-2659) (-)

Ion 100.00 (99.70 to 100.70): VN027171.D (-2659) (-)

800000

600000

400000

200000

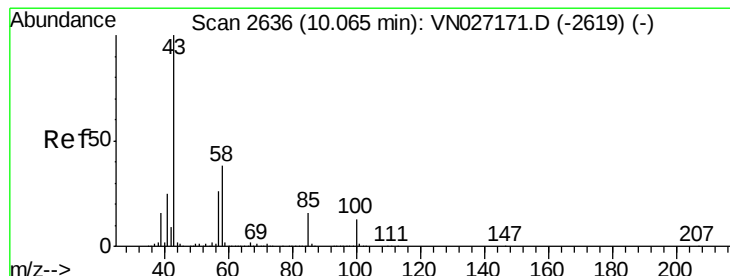
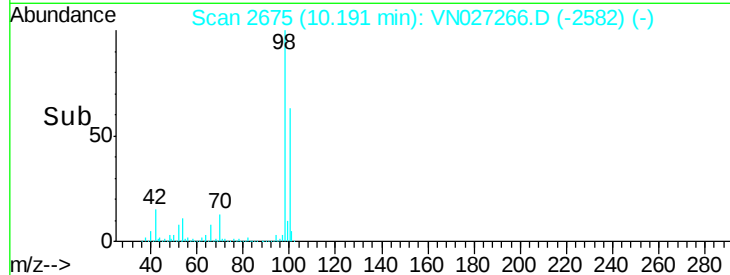
0

10.10

10.20

10.30

Time-->



#52

4-Methyl-2-Pentanone

Concen: 236.69 ug/l

RT: 10.07 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VN027266.D

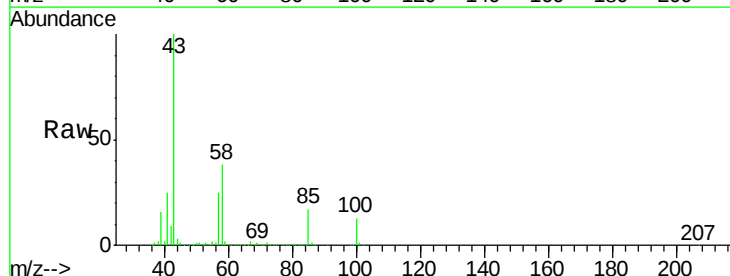
Acq: 17 Sep 2015 20:17

Tgt Ion: 43 Resp: 2335305

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN027171.D (-2619) (-)

Ion 58.00 (57.70 to 58.70): VN027171.D (-2619) (-)

1500000

1000000

500000

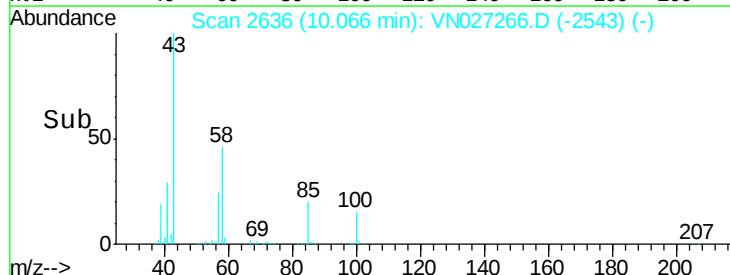
0

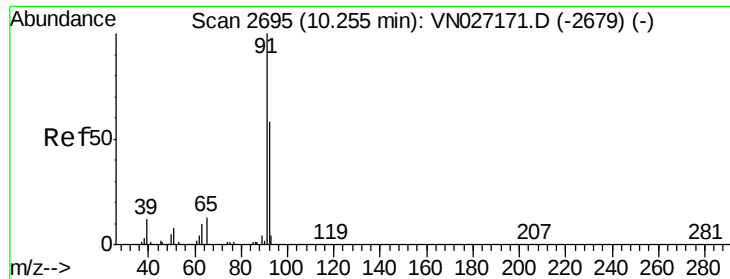
10.00

10.10

10.20

Time-->





#53

Toluene

Concen: 47.66 ug/l

RT: 10.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 92 Resp: 951277

Ion Ratio Lower Upper

92 100

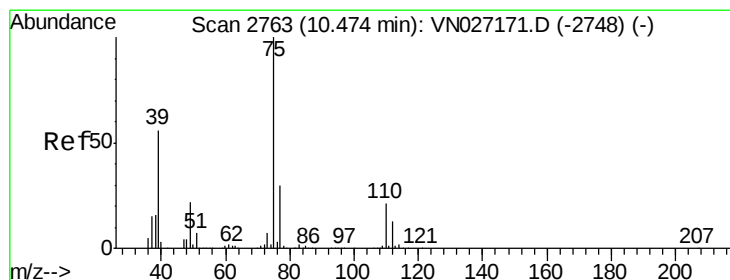
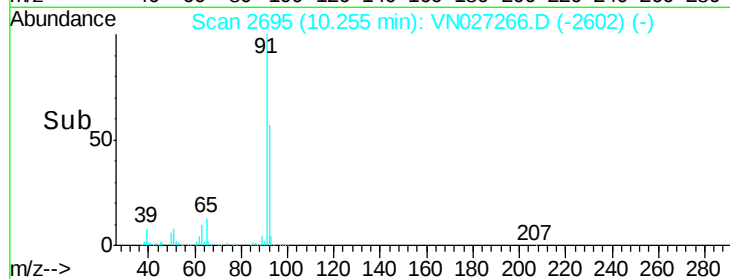
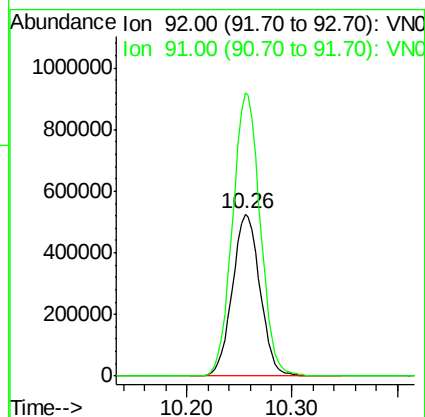
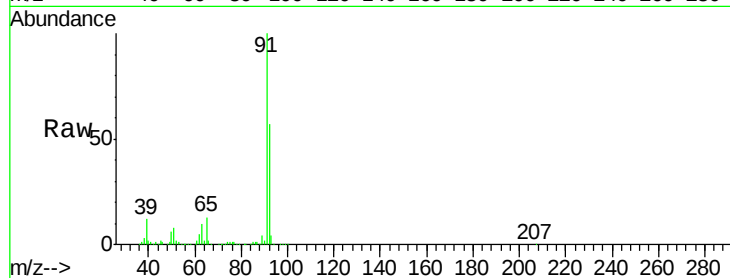
91 175.1 141.4 212.2

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#54

t-1,3-Dichloropropene

Concen: 45.92 ug/l

RT: 10.47 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VN027266.D

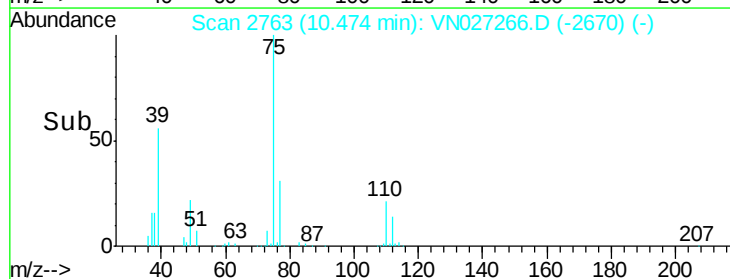
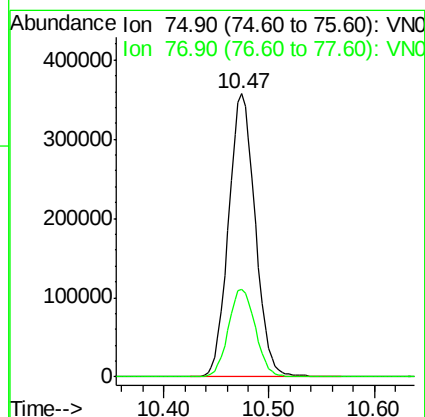
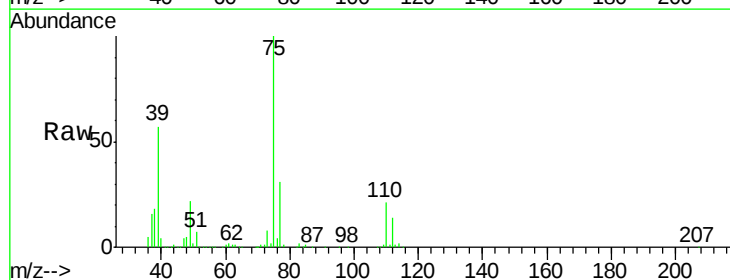
Acq: 17 Sep 2015 20:17

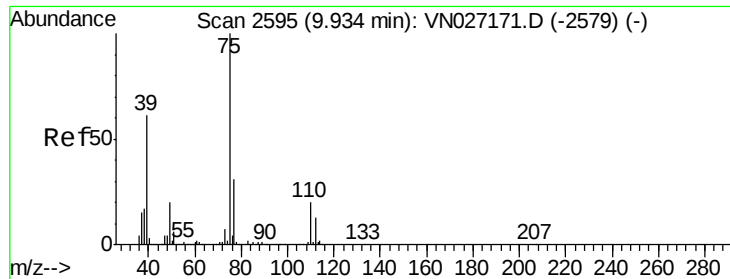
Tgt Ion: 75 Resp: 625500

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2





#55

cis-1,3-Dichloropropene

Concen: 46.20 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

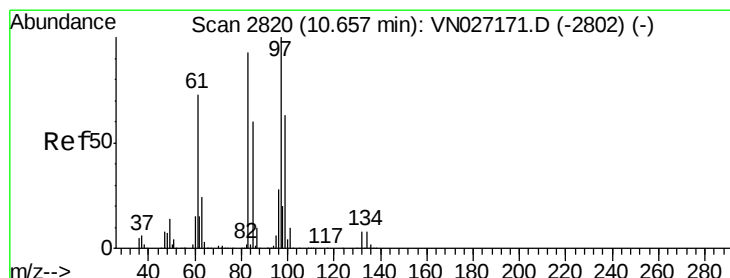
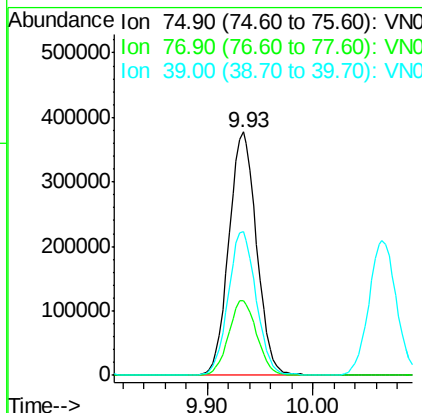
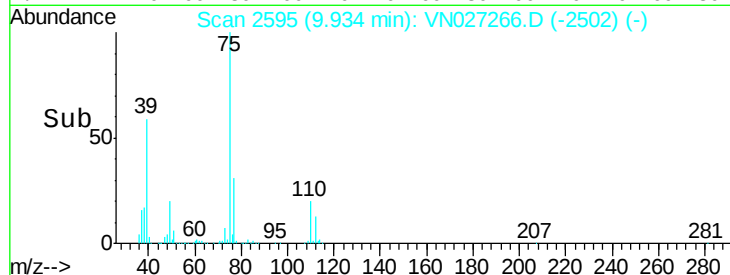
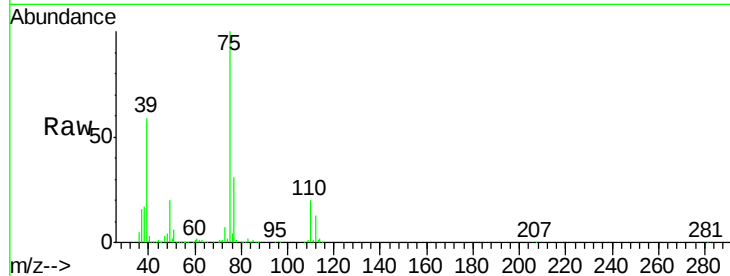
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	684670
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.6	38.4
39	59.0	41.6	62.4

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#56

1,1,2-Trichloroethane

Concen: 48.84 ug/l

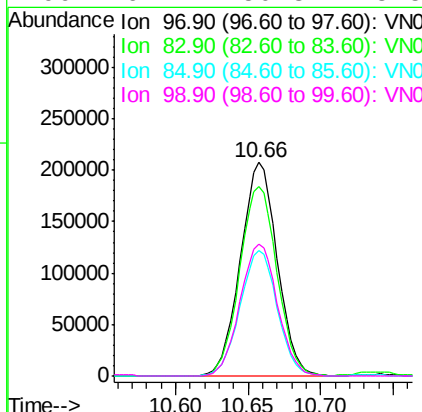
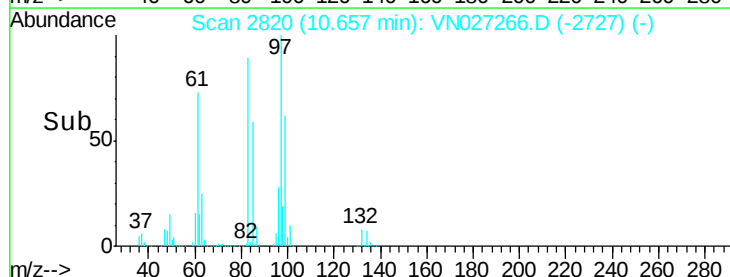
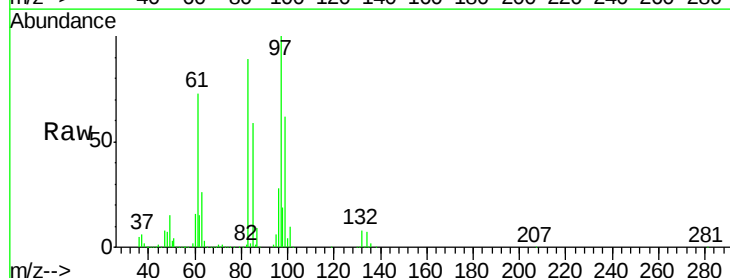
RT: 10.66 min Scan# 2820

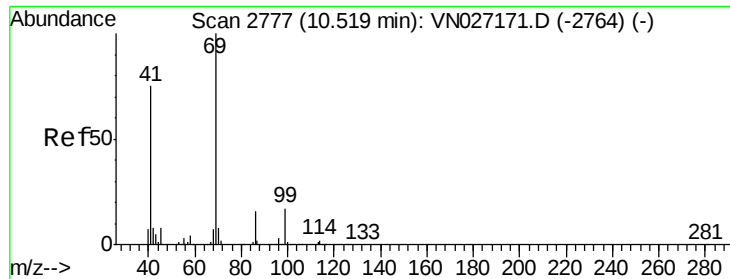
Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Tgt Ion:	97	Resp:	366307
Ion	Ratio	Lower	Upper
97	100		
83	88.7	75.0	112.4
85	59.0	48.0	72.0
99	61.4	50.3	75.5





#57

Ethyl methacrylate

Concen: 47.63 ug/l

RT: 10.52 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

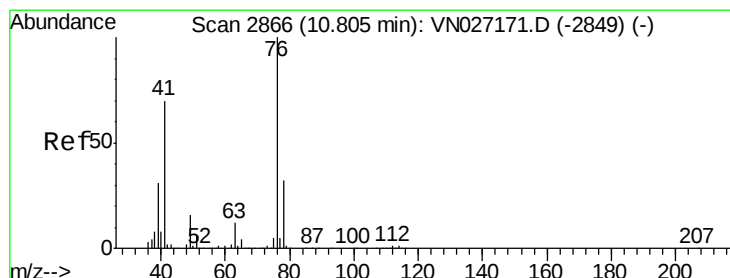
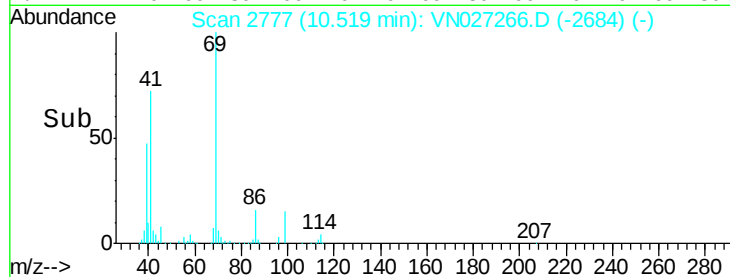
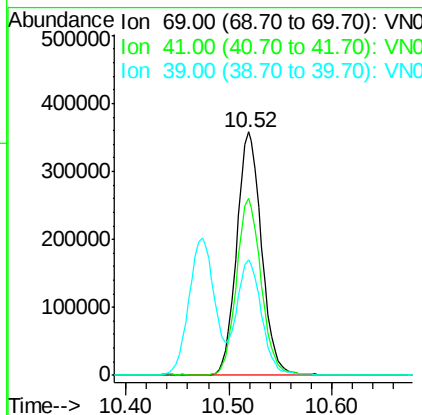
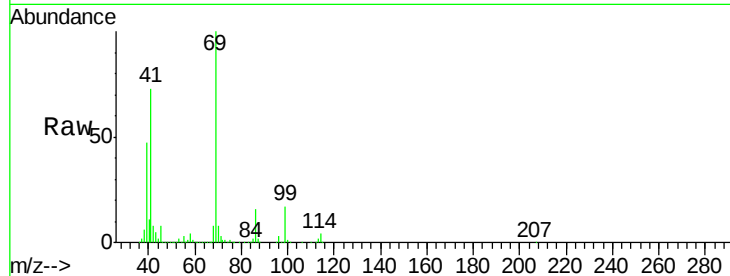
ClientSampleId :

VSTDCCC050EC

Tot Ion:	69	Resp:	602084
Ion Ratio	Lower	Upper	
69	100		
41	71.8	61.3	91.9
39	47.6	28.4	42.6

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#58

1,3-Dichloropropane

Concen: 48.04 ug/l

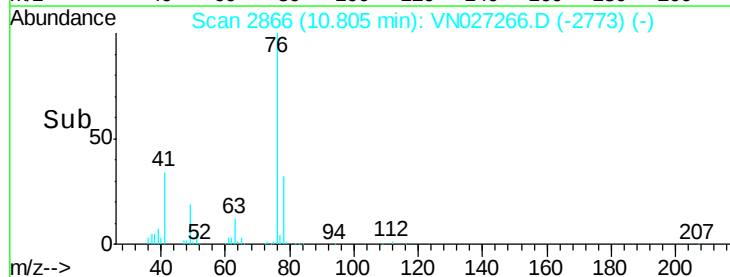
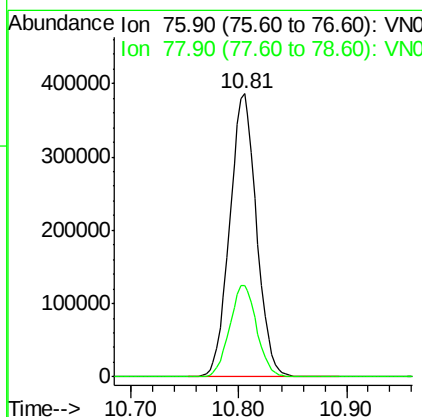
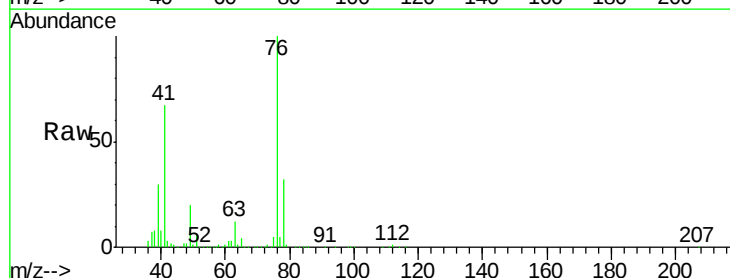
RT: 10.81 min Scan# 2866

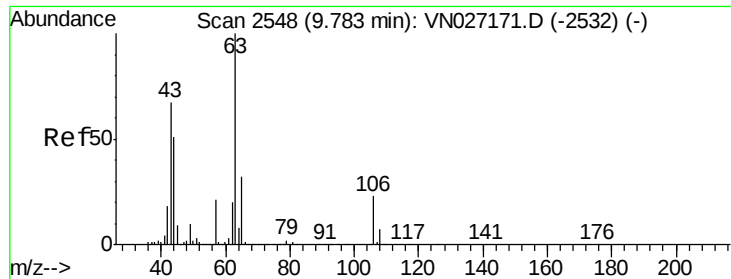
Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Tgt Ion:	76	Resp:	668922
Ion Ratio	Lower	Upper	
76	100		
78	32.8	25.0	37.6





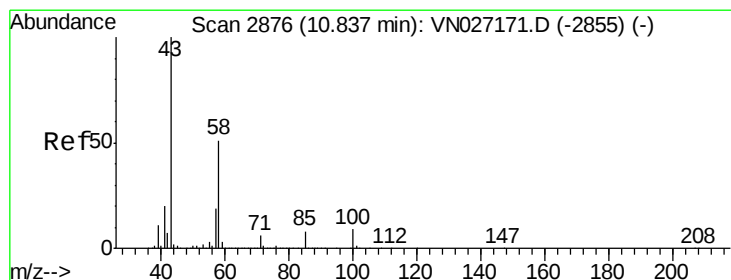
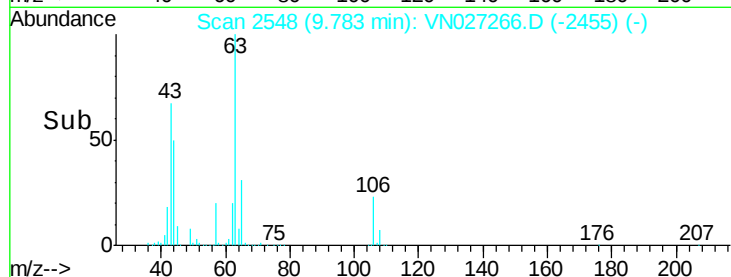
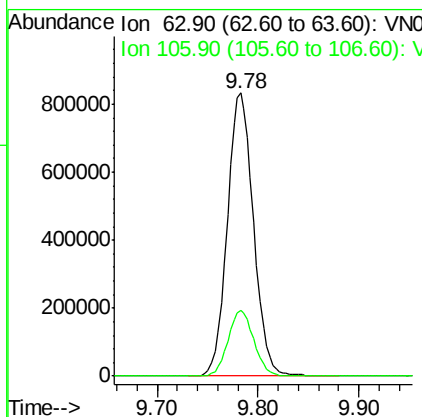
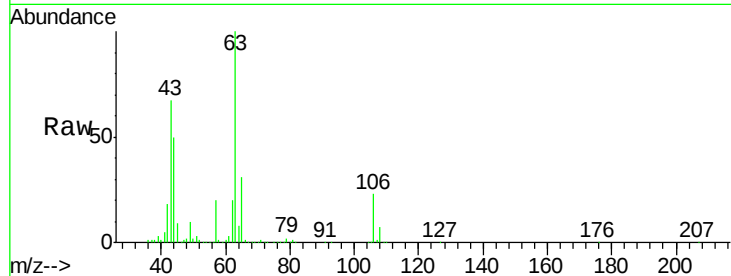
#59
 2-Chloroethyl Vinyl ether
 Concen: 259.50 ug/l
 RT: 9.78 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 1506034
 Ion Ratio Lower Upper
 63 100
 106 22.9 17.7 26.5

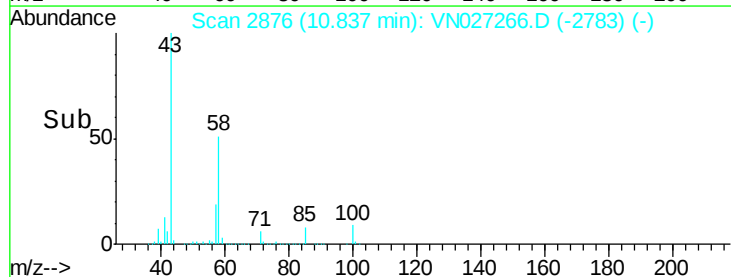
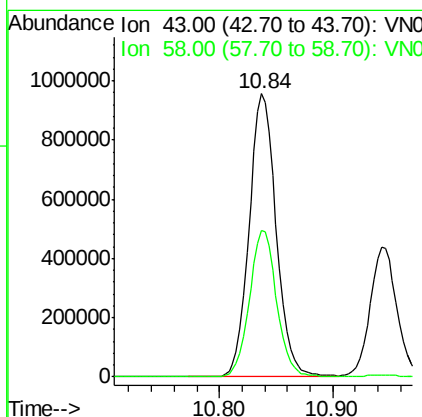
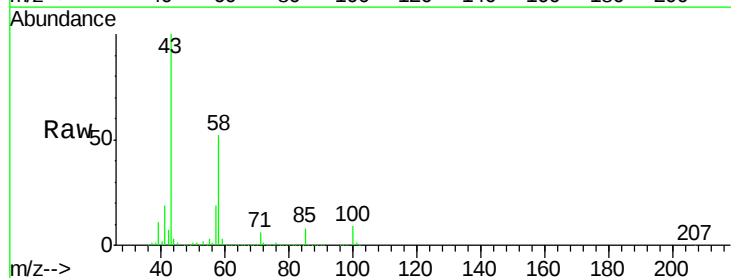
Manual Integrations
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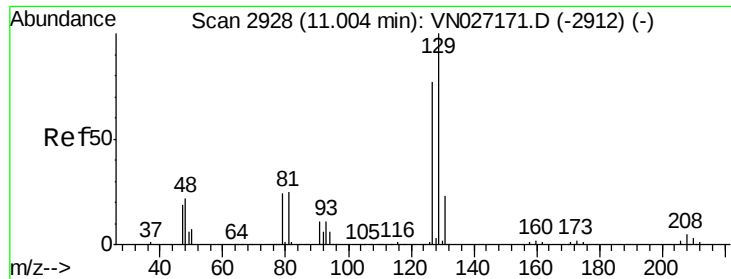
MMDadoda
 9/18/2015 12:23:46 PM



#60
 2-Hexanone
 Concen: 236.04 ug/l
 RT: 10.84 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 43 Resp: 1585581
 Ion Ratio Lower Upper
 43 100
 58 51.9 26.2 78.5





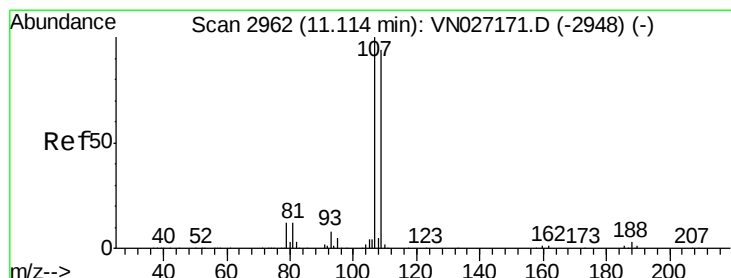
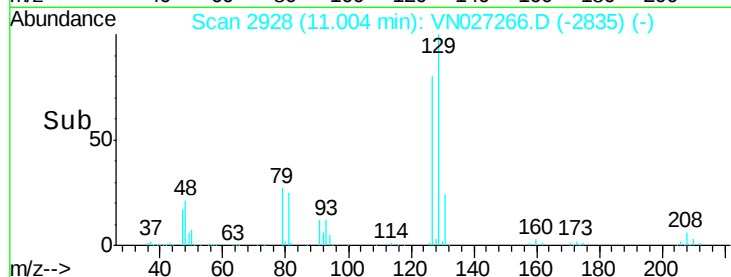
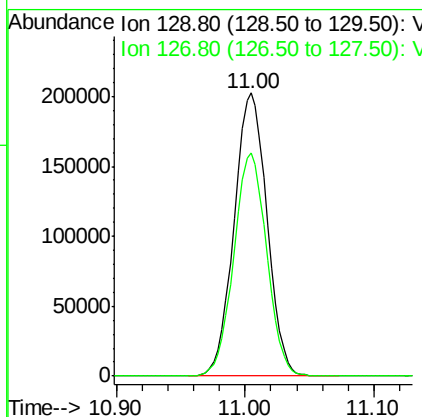
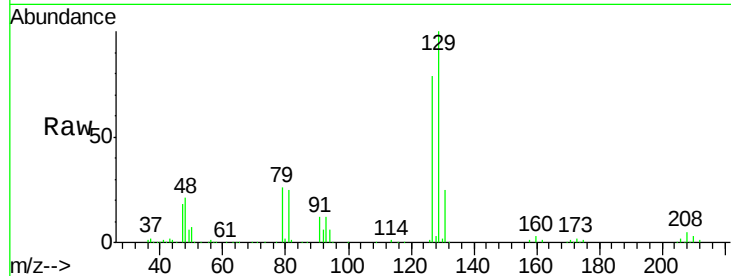
#61
Dibromochloromethane
Concen: 46.81 ug/l
RT: 11.00 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:129 Resp: 358570
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2

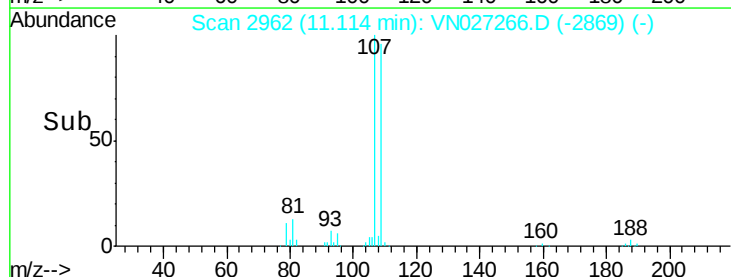
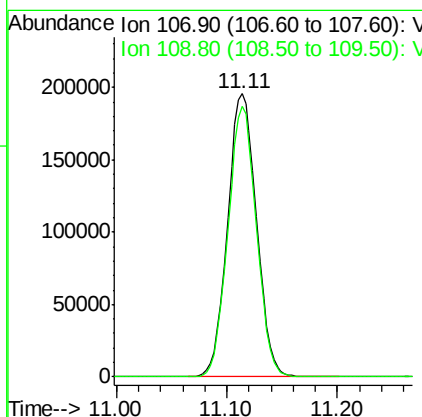
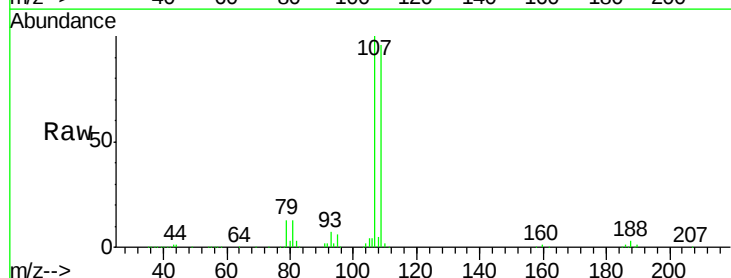
Manual Integrations
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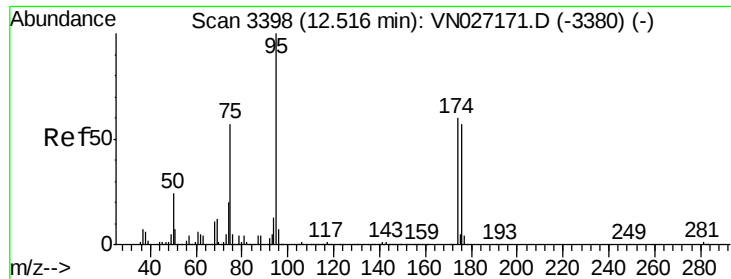
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#62
1,2-Dibromoethane
Concen: 48.12 ug/l
RT: 11.11 min Scan# 2962
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion:107 Resp: 354714
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4





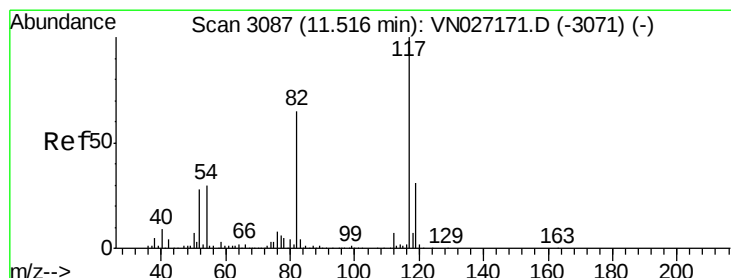
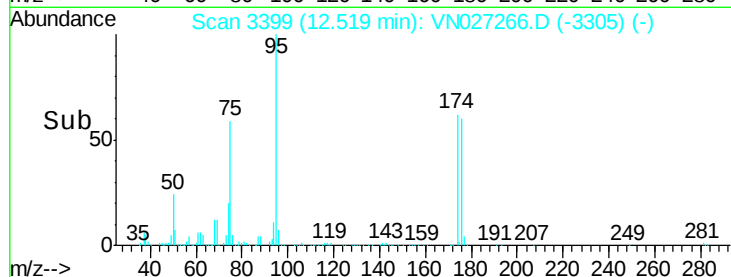
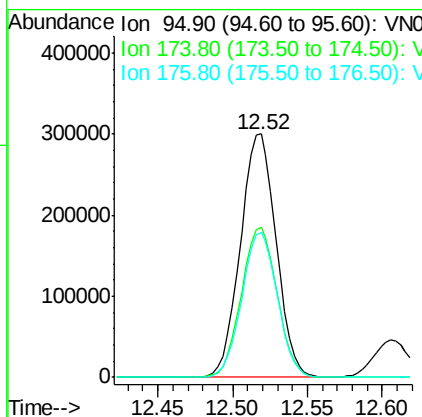
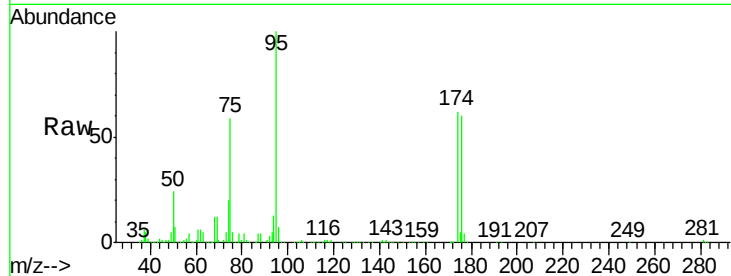
#63
4-Bromofluorobenzene
Concen: 51.99 ug/l
RT: 12.52 min Scan# 3399
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
95	100	499619		
174	61.8	0.0	137.0	
176	59.1	0.0	130.8	

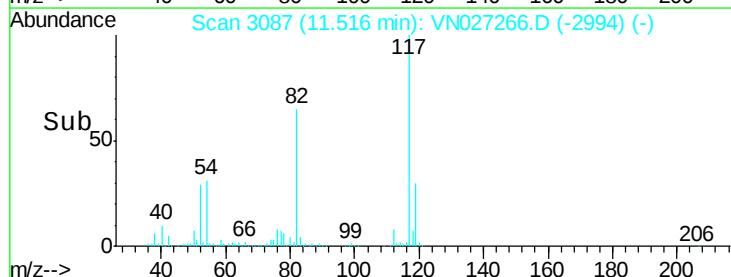
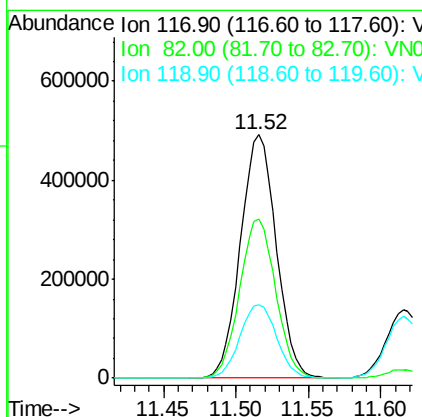
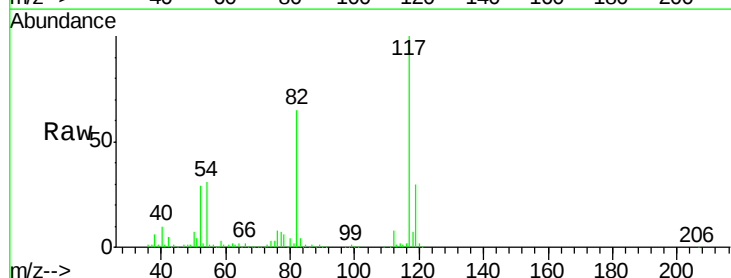
Manual Integrations
APPROVED

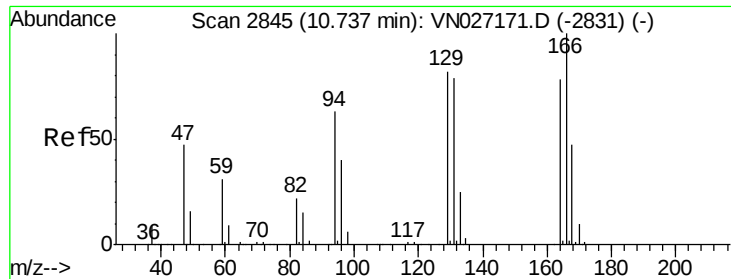
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#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	845381		
82	65.2	49.6	74.4	
119	30.4	24.6	36.8	





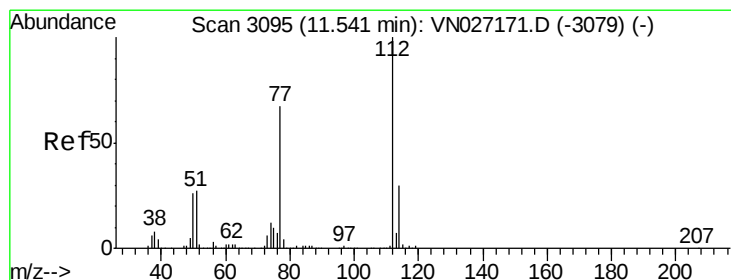
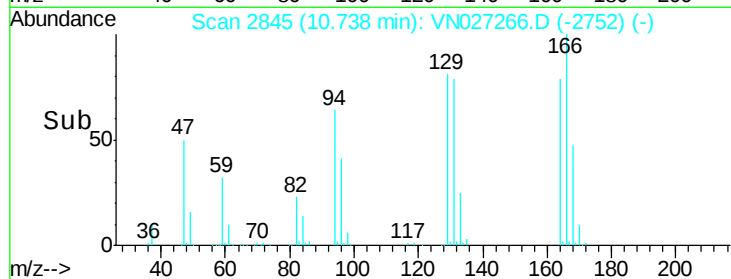
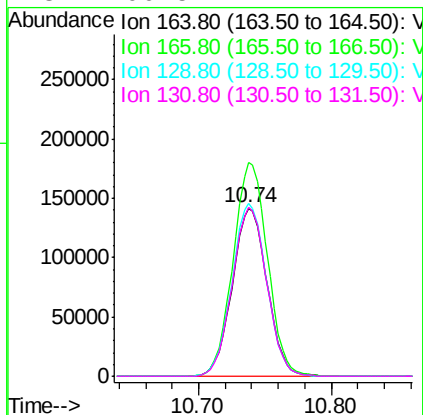
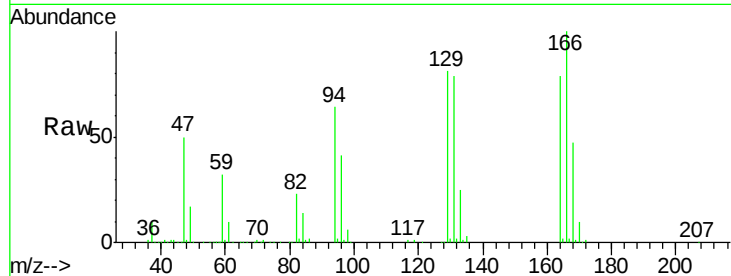
#65
 Tetrachloroethene
 Concen: 47.73 ug/l
 RT: 10.74 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.9	103.4	155.0
129	102.9	77.5	116.3
131	100.5	74.2	111.4

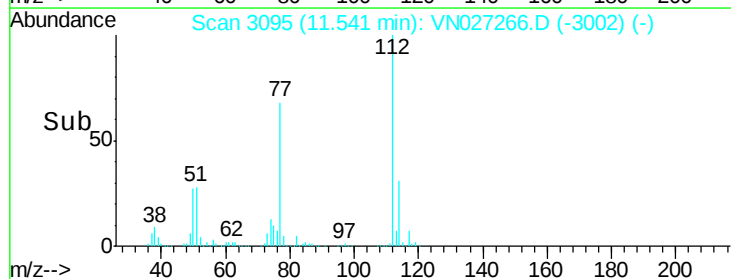
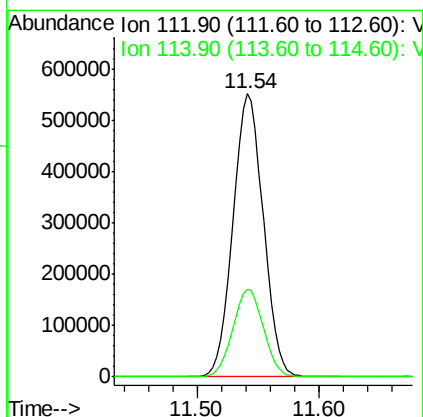
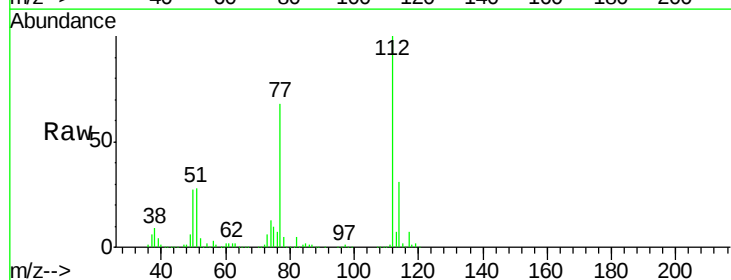
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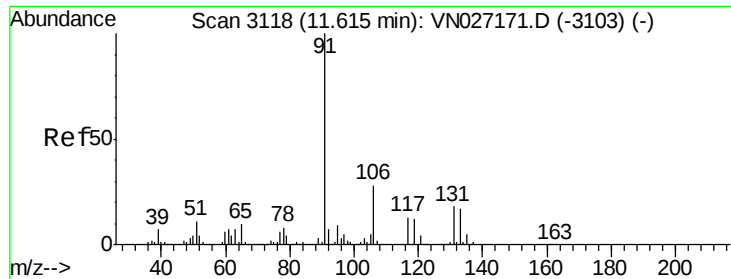
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#66
 Chlorobenzene
 Concen: 47.68 ug/l
 RT: 11.54 min Scan# 3095
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.9	37.3





#67

1,1,1,2-Tetrachloroethane

Concen: 47.35 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

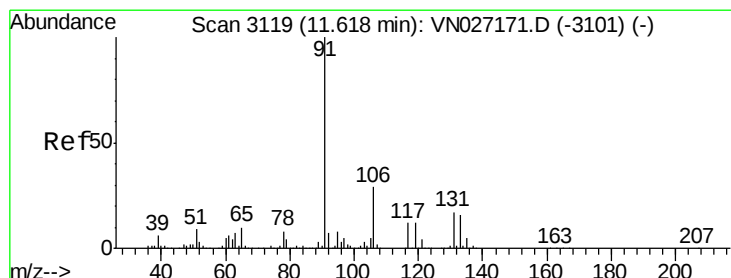
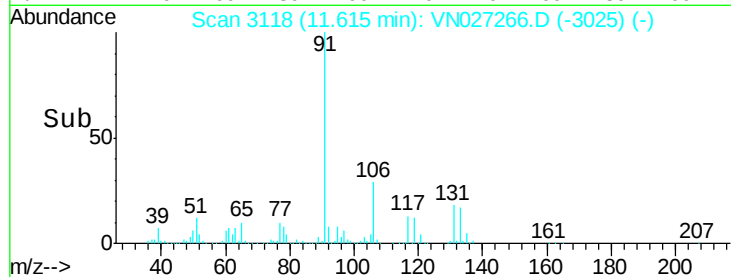
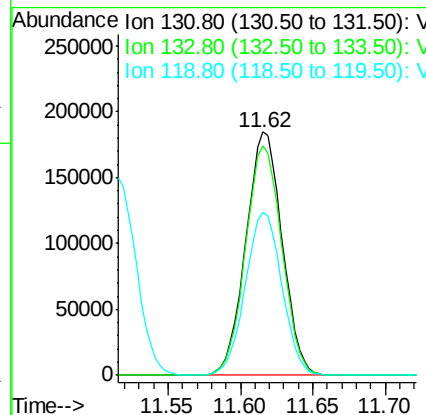
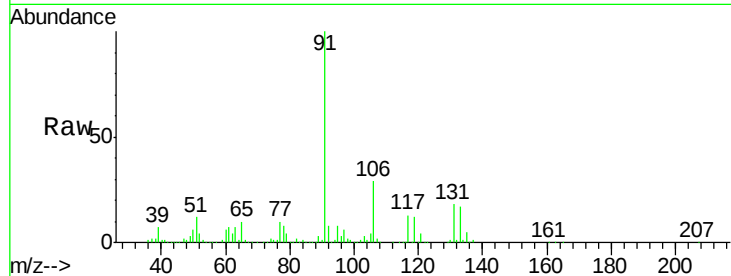
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.0	141.2
119	67.4	35.1	105.5

Manual Integrations
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#68

Ethyl Benzene

Concen: 48.06 ug/l

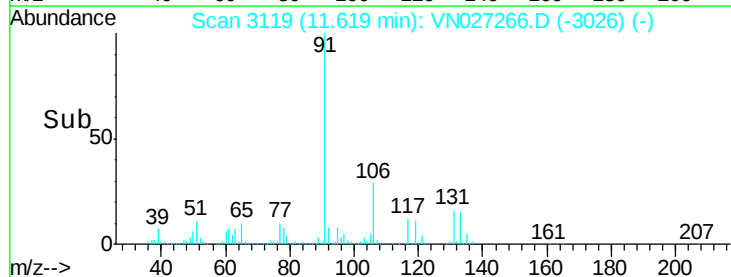
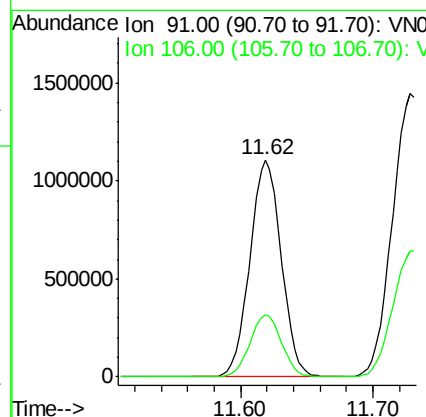
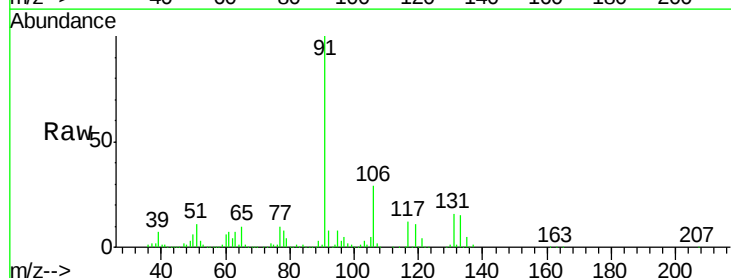
RT: 11.62 min Scan# 3119

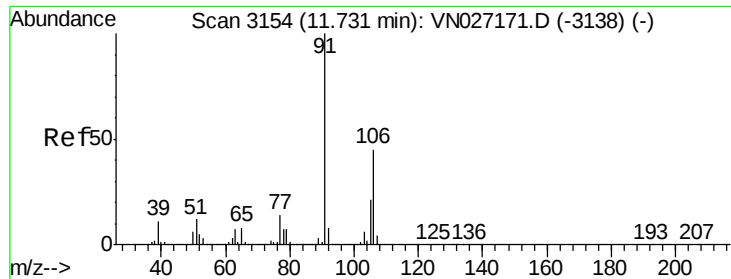
Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.7	23.1	34.7





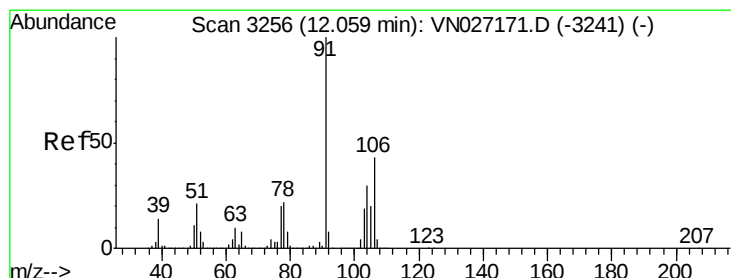
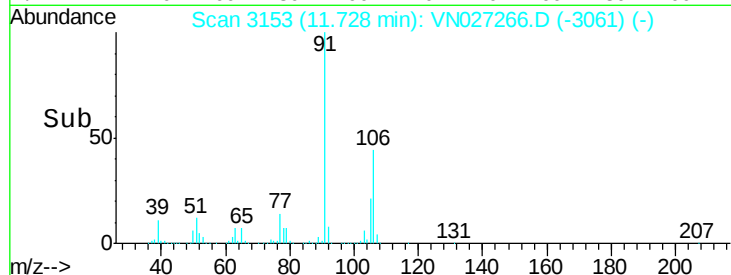
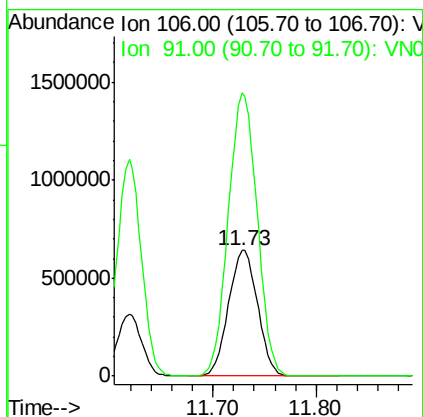
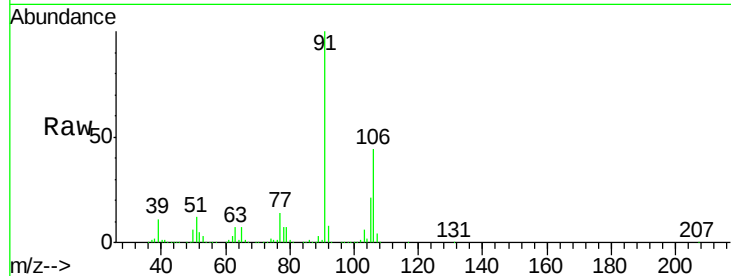
#69
m/p-Xylenes
Concen: 96.49 ug/l
RT: 11.73 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 1259967
Ion Ratio Lower Upper
106 100
91 223.7 167.1 250.7

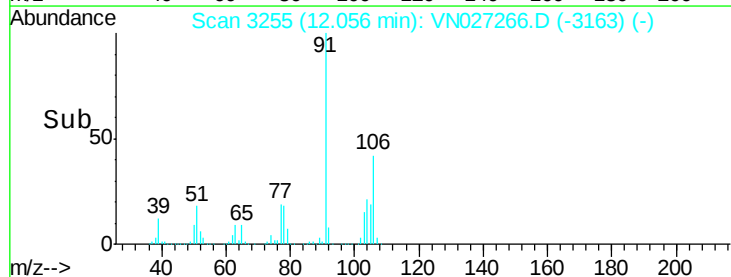
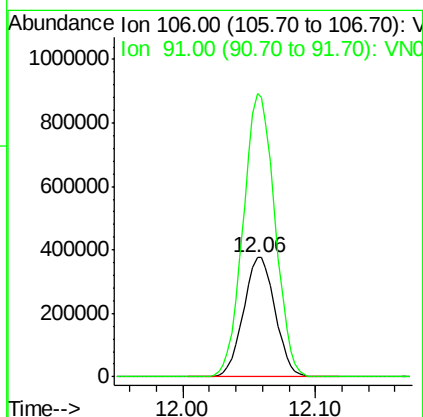
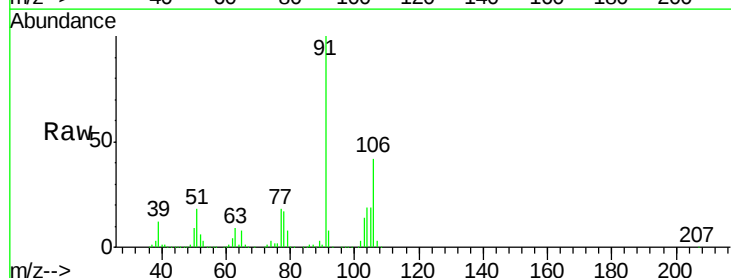
Manual Integrations
APPROVED

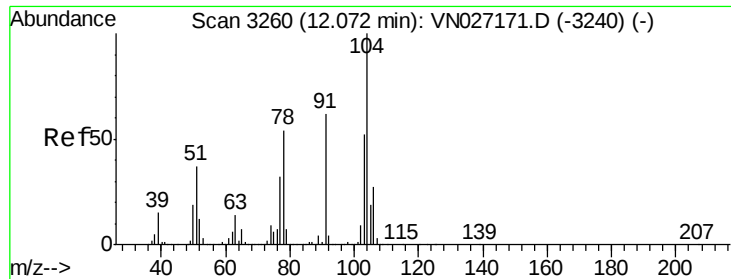
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#70
o-Xylene
Concen: 47.82 ug/l
RT: 12.06 min Scan# 3255
Delta R.T. -0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion:106 Resp: 625922
Ion Ratio Lower Upper
106 100
91 236.7 110.7 331.9





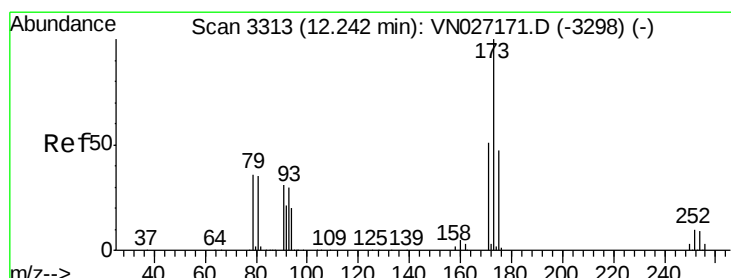
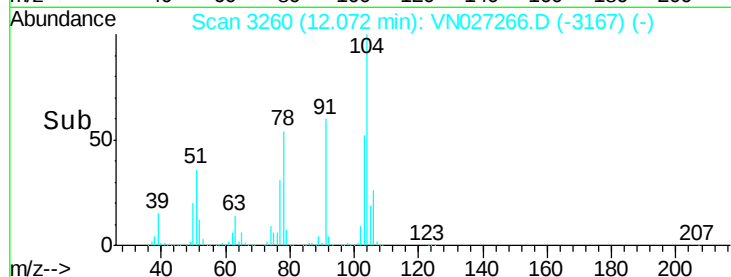
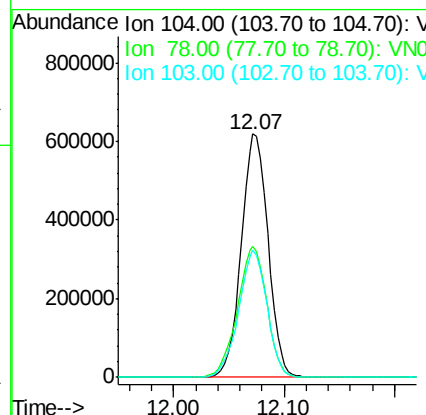
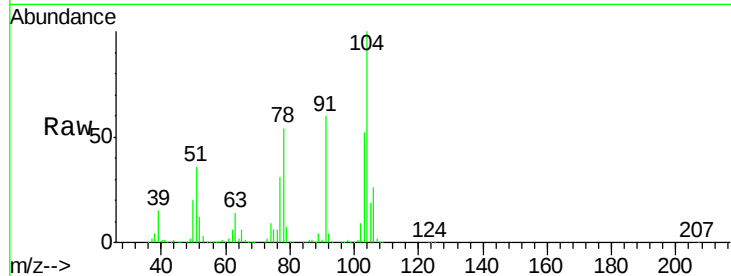
#71
Stvrene
Concen: 49.20 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	59.0	41.6	62.4
103	55.2	44.2	66.2

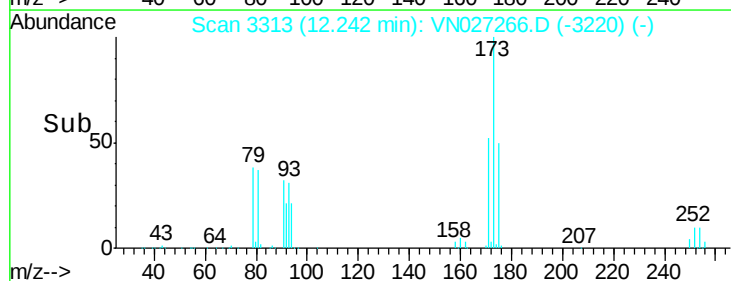
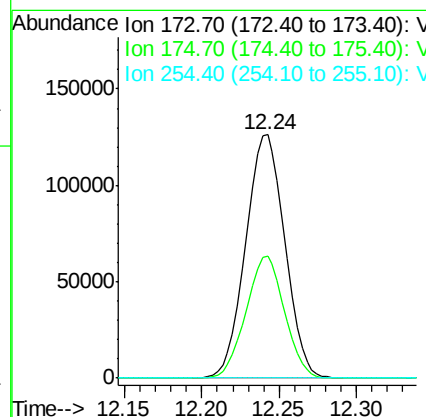
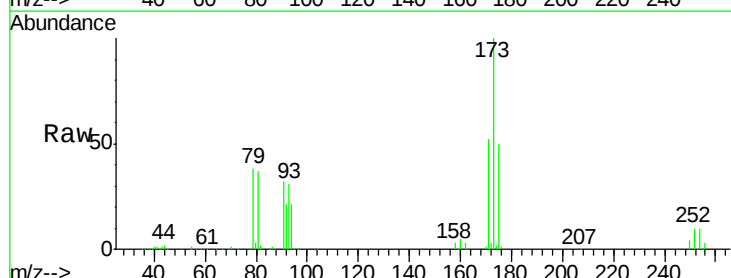
Manual Integrations
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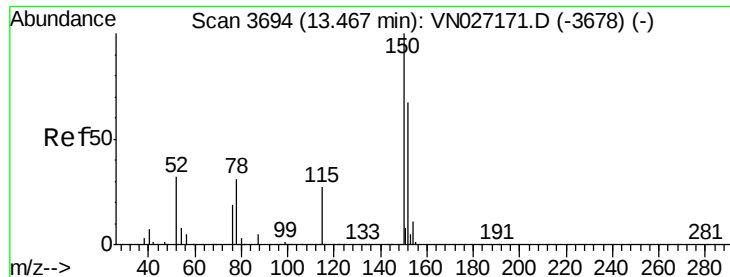
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#72
Bromoform
Concen: 47.07 ug/l
RT: 12.24 min Scan# 3313
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.4	73.4
254	0.1	0.1	0.1#





#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

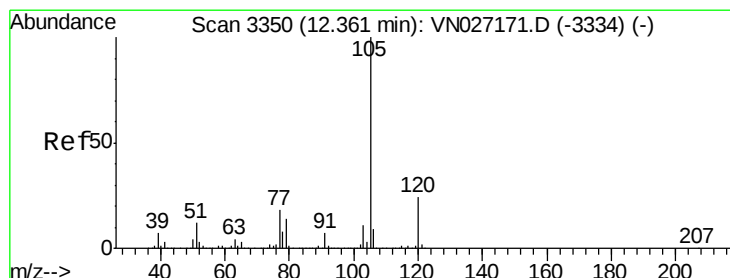
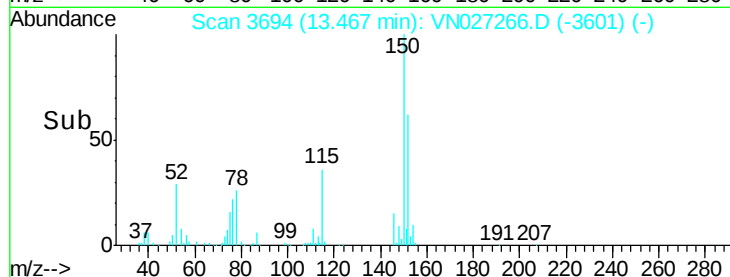
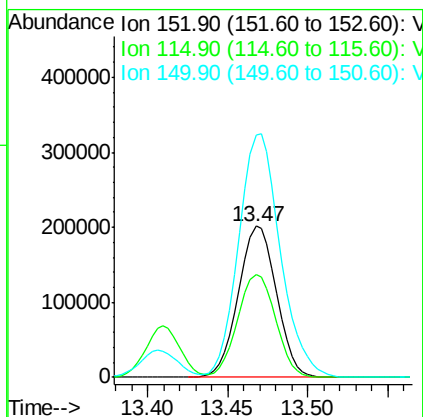
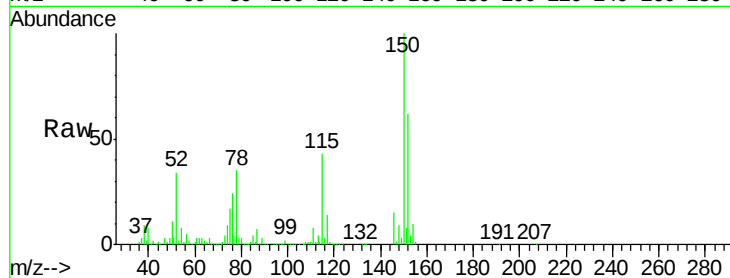
ClientSampleId :

VSTDCCC050EC

Tot Ion:	152	Resp:	326555
Ion Ratio	Lower	Upper	
152	100		
115	68.3	30.8	92.3
150	176.4	0.0	345.0

Manual Integrations
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#74

Isopropylbenzene

Concen: 46.72 ug/l

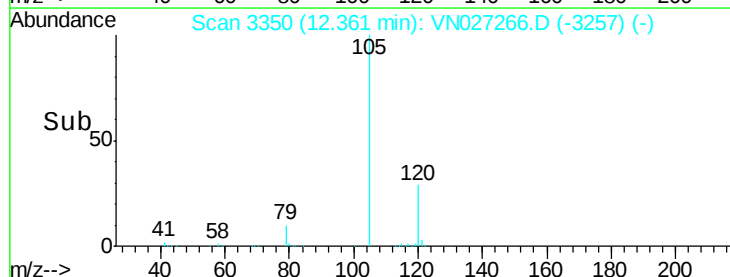
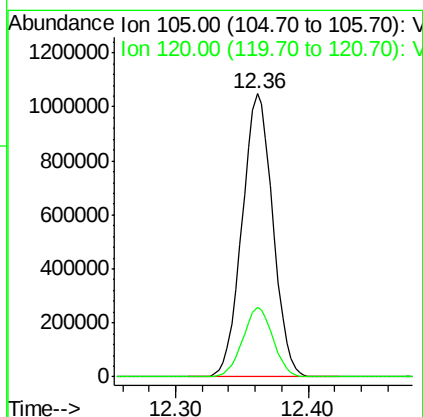
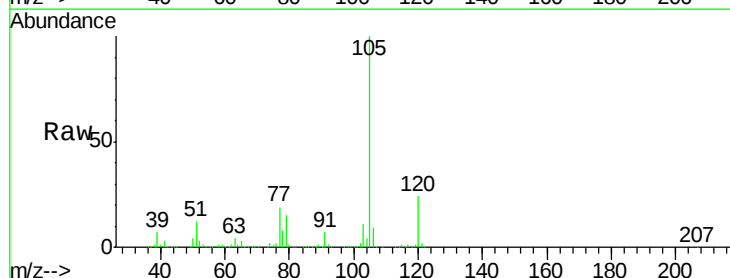
RT: 12.36 min Scan# 3350

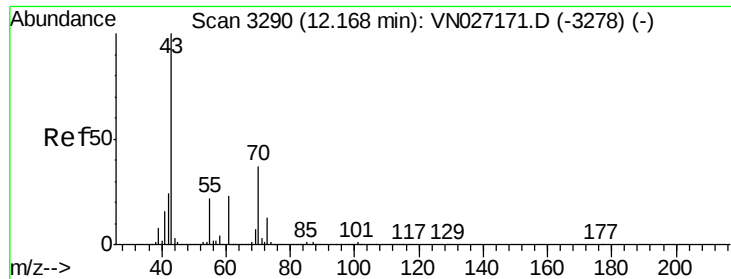
Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Tgt Ion:	105	Resp:	1681075
Ion Ratio	Lower	Upper	
105	100		
120	24.1	12.4	37.2





#75

N-amvl acetate

Concen: 46.46 ug/l

RT: 12.17 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

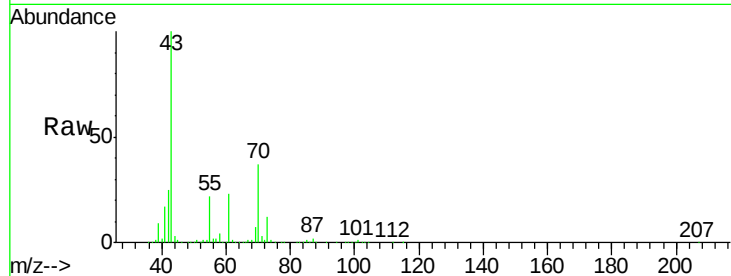
ClientSampleId :

VSTDCCC050EC

Tot Ion	43	Resp	746198
Ion	Ratio	Lower	Upper
43	100		
70	37.5	29.8	44.8
55	22.6	19.4	29.0
61	22.7	18.2	27.2

Manual Integrations
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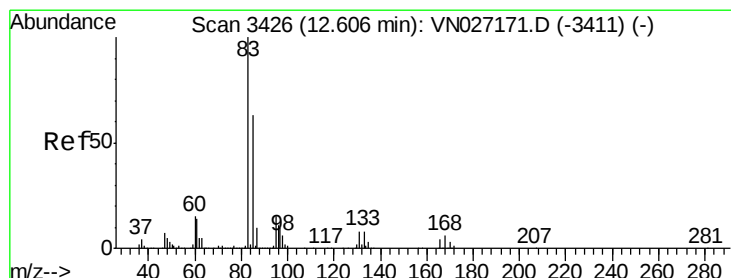
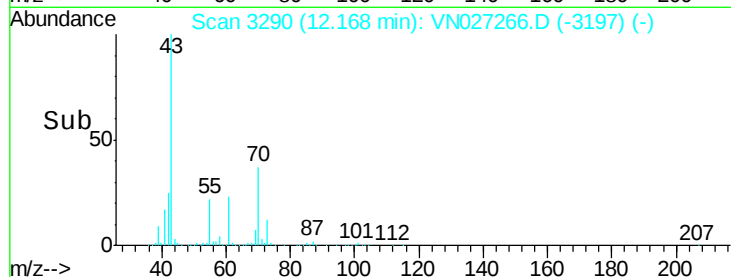
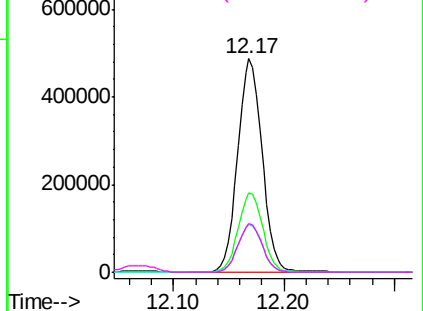


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,1,2,2-Tetrachloroethane

Concen: 52.07 ug/l

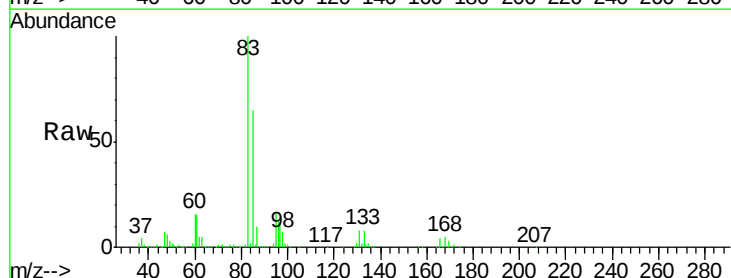
RT: 12.61 min Scan# 3426

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

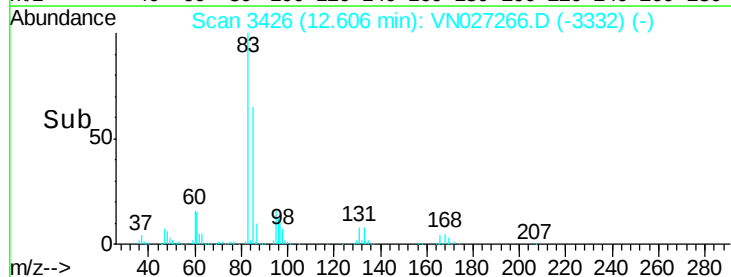
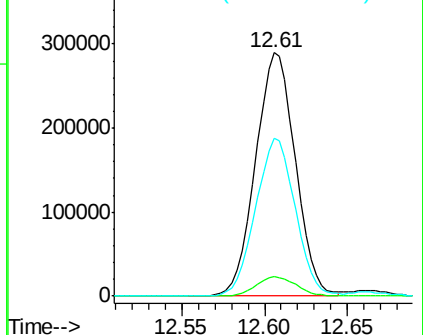
Tgt Ion	83	Resp	482419
Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.1	12.3
85	64.9	31.9	95.7

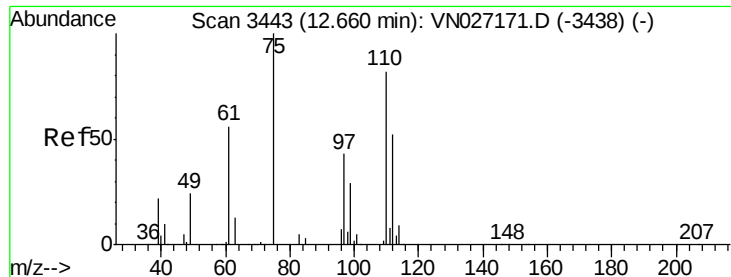


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





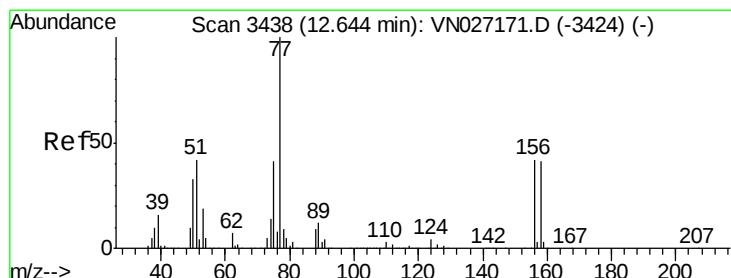
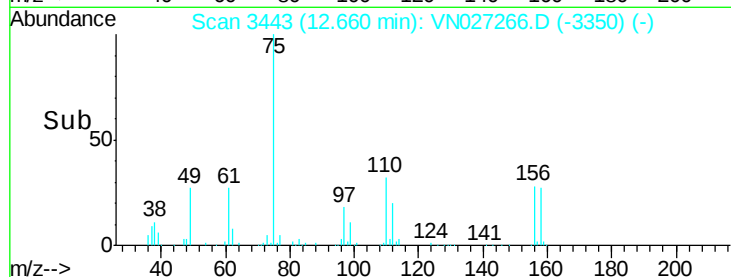
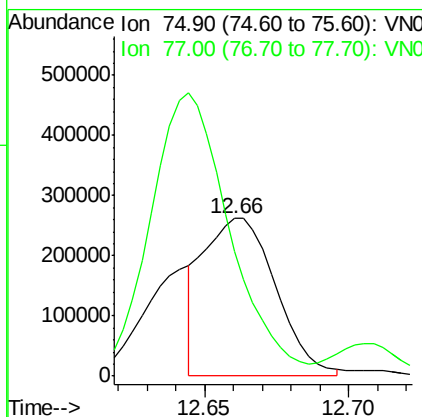
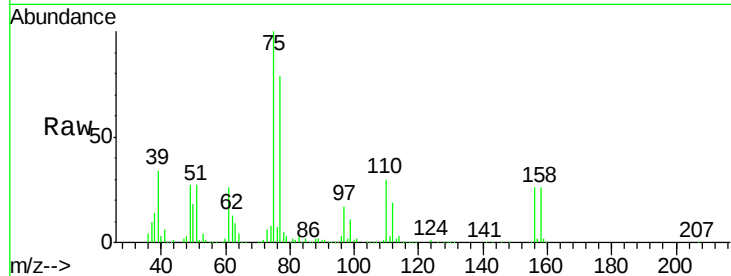
#77
 1,2,3-Trichloropropane
 Concen: 46.53 ug/l m
 RT: 12.66 min Scan# 3443
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 459225
 Ion Ratio Lower Upper
 75 100
 77 196.3 103.1 309.3

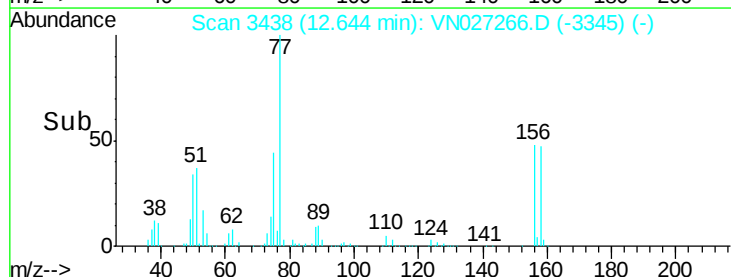
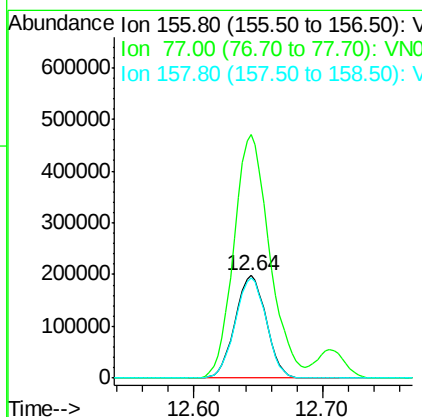
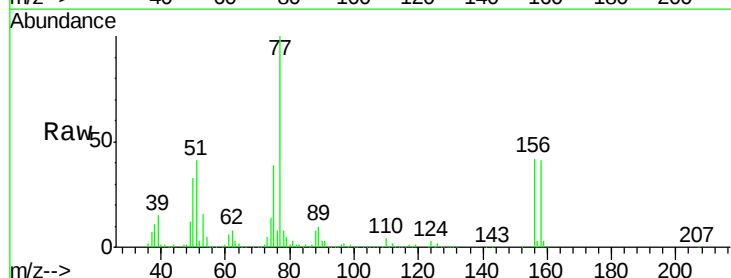
Manual Integrations
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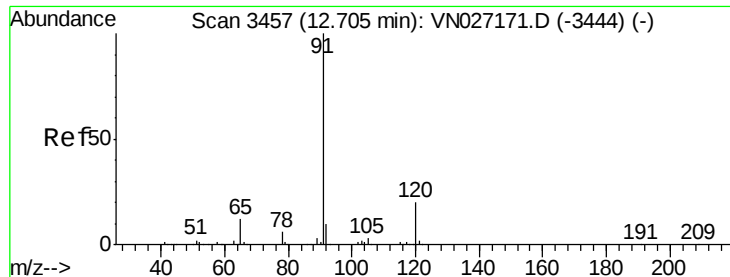
MMDadoda
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#78
 Bromobenzene
 Concen: 46.96 ug/l
 RT: 12.64 min Scan# 3438
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 156 Resp: 331375
 Ion Ratio Lower Upper
 156 100
 77 272.0 127.3 381.9
 158 97.6 48.0 144.2





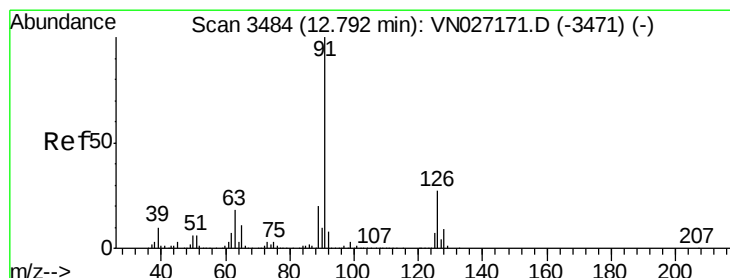
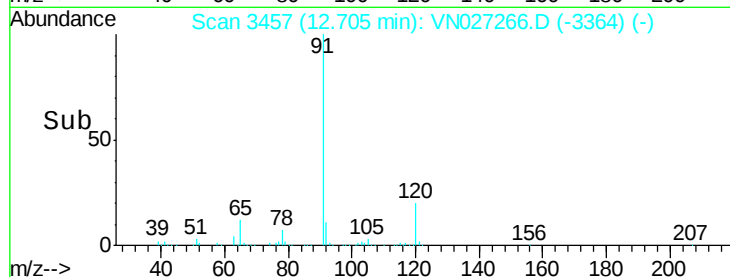
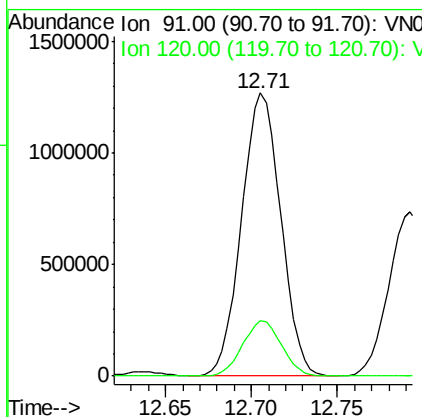
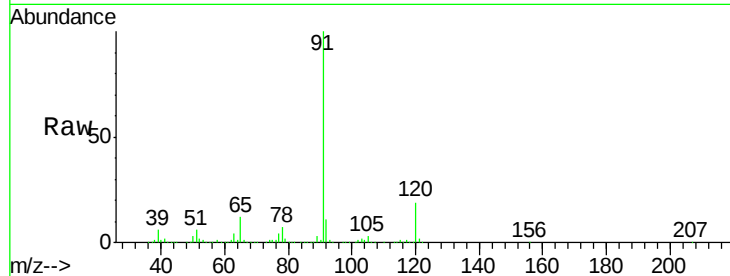
#79
n-propylbenzene
Concen: 47.34 ug/l
RT: 12.71 min Scan# 3457
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2004317
Ion Ratio Lower Upper
91 100
120 19.5 10.3 30.8

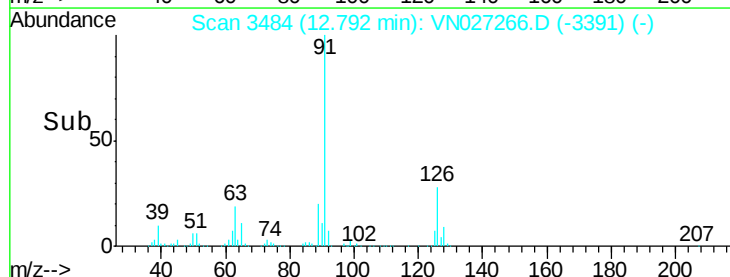
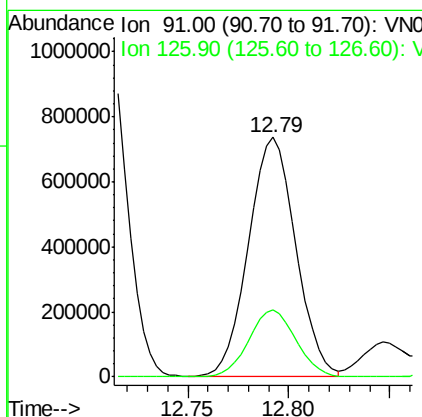
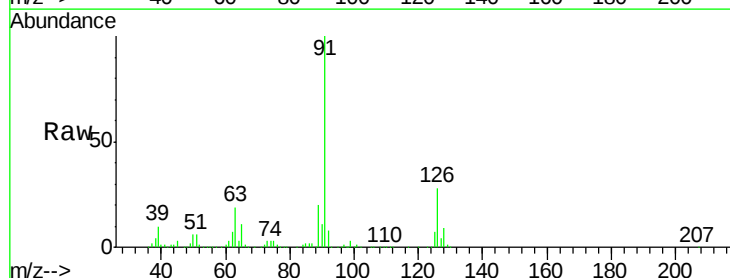
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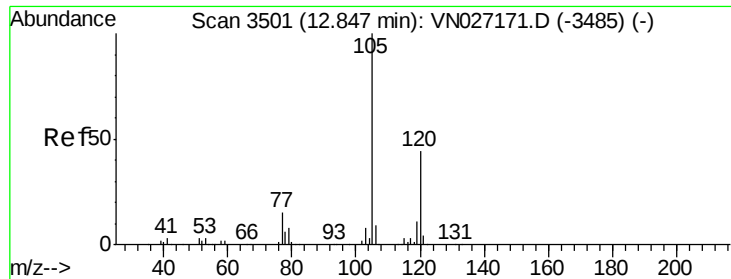
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#80
2-Chlorotoluene
Concen: 47.40 ug/l
RT: 12.79 min Scan# 3484
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion: 91 Resp: 1205024
Ion Ratio Lower Upper
91 100
126 28.0 15.2 45.5





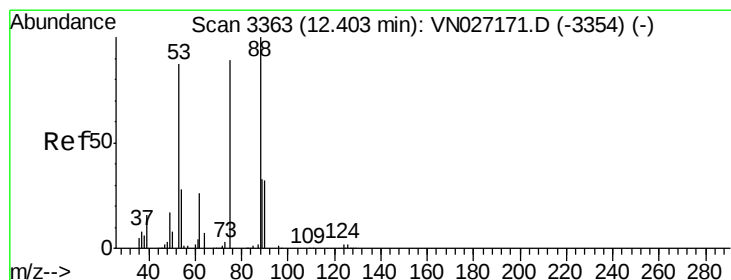
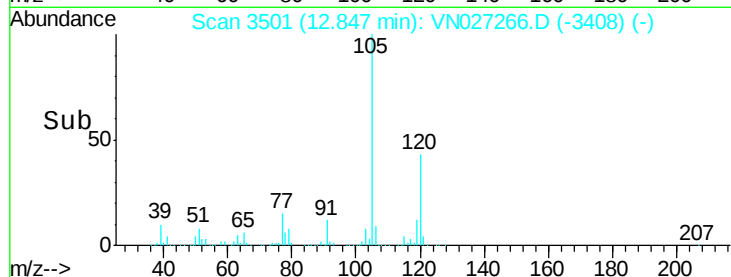
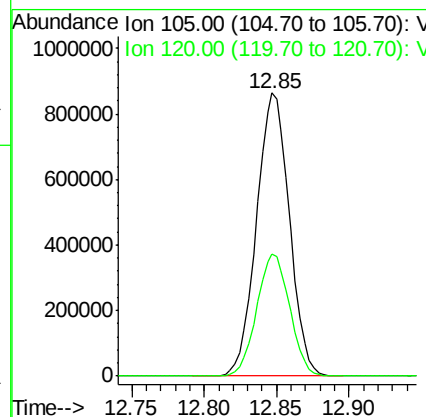
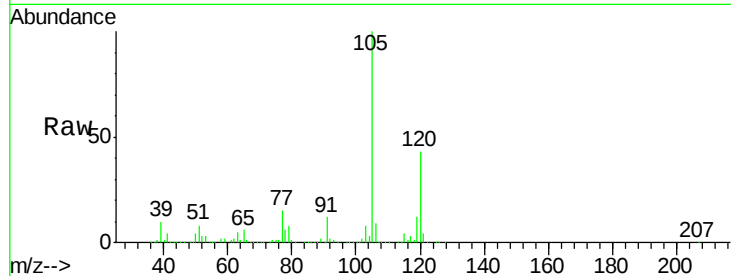
#81
 1,3,5-Trimethylbenzene
 Concen: 47.11 ug/l
 RT: 12.85 min Scan# 3501
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1362084
 Ion Ratio Lower Upper
 105 100
 120 43.4 23.4 70.0

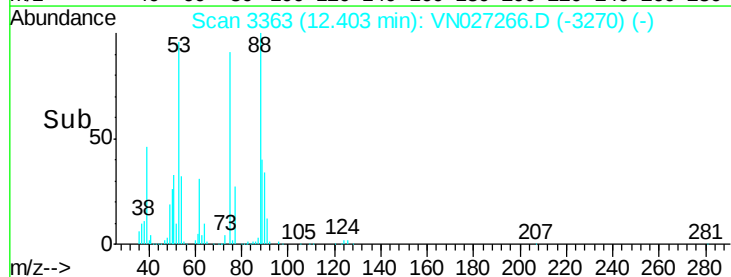
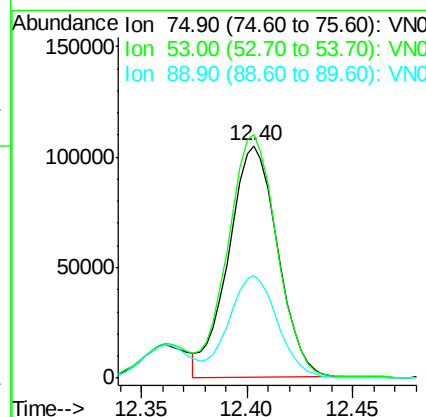
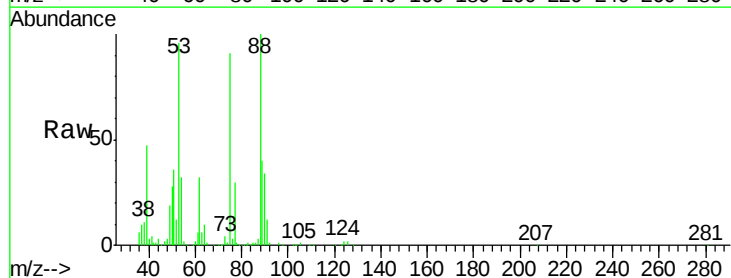
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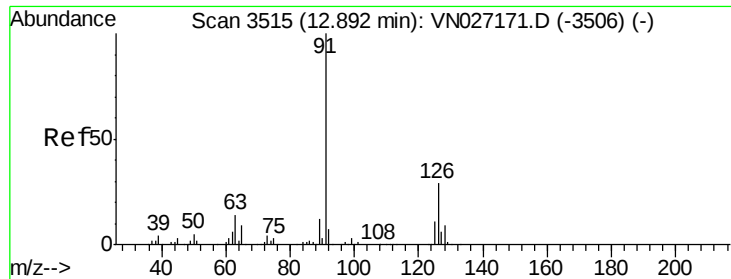
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#82
 trans-1,4-Dichloro-2-butene
 Concen: 42.01 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion: 75 Resp: 168778
 Ion Ratio Lower Upper
 75 100
 53 106.3 92.9 139.3
 89 44.5 34.2 51.4





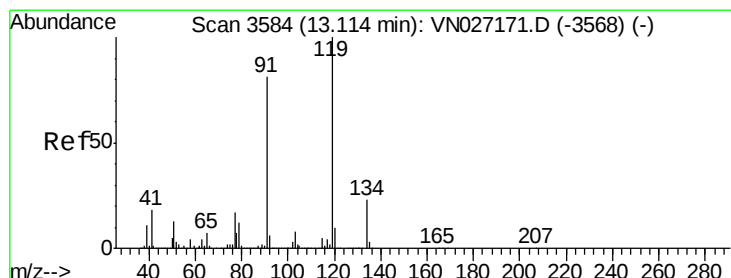
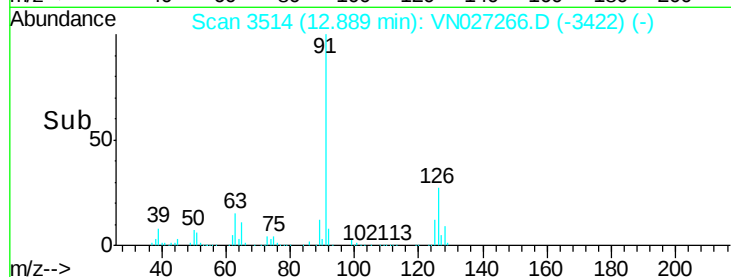
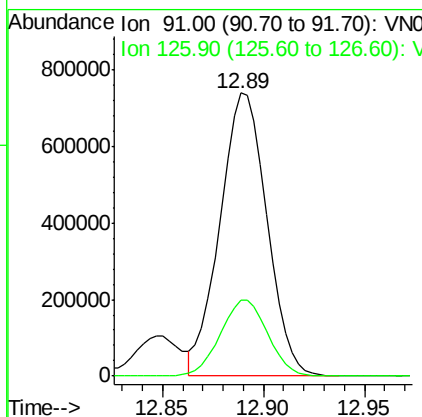
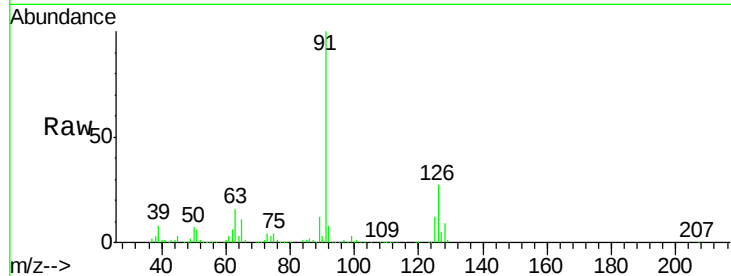
#83
4-Chlorotoluene
Concen: 47.97 ug/l
RT: 12.89 min Scan# 3514
Delta R.T. -0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1198319
Ion Ratio Lower Upper
91 100
126 27.4 14.9 44.5

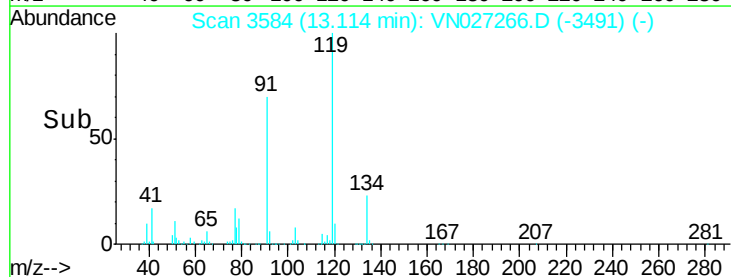
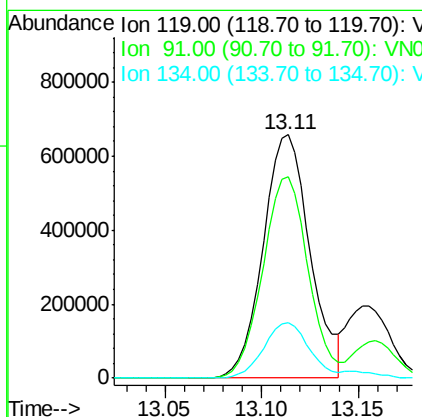
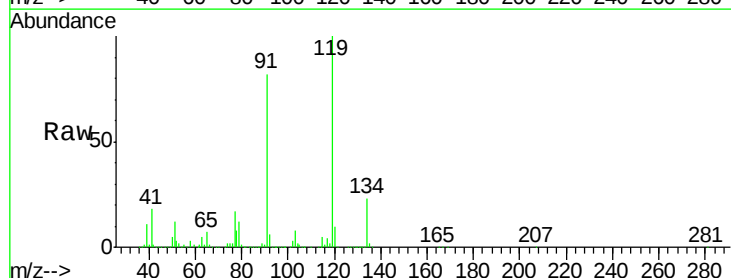
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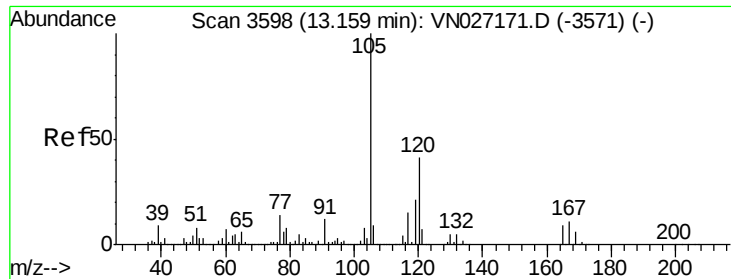
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#84
tert-Butylbenzene
Concen: 46.76 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027266.D
Acq: 17 Sep 2015 20:17

Tgt Ion: 119 Resp: 1115350
Ion Ratio Lower Upper
119 100
91 79.6 34.6 103.8
134 22.4 11.4 34.2





#85

1,2,4-Trimethylbenzene

Concen: 47.20 ug/l

RT: 13.16 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1370651

Ion Ratio Lower Upper

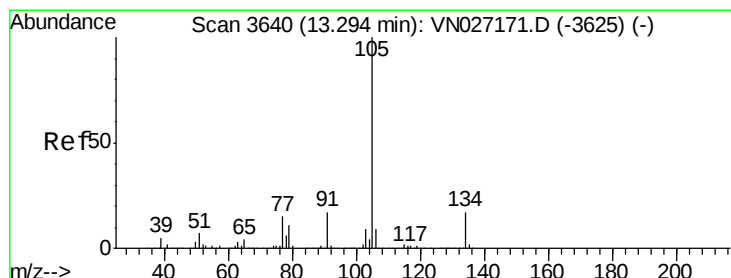
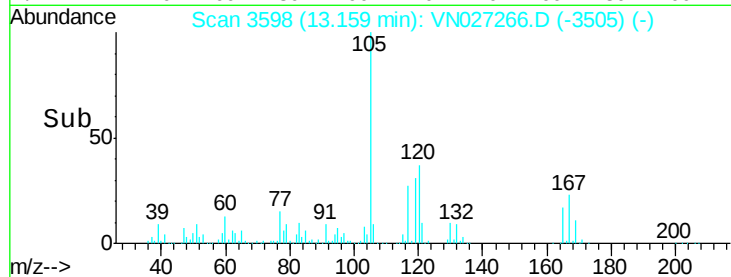
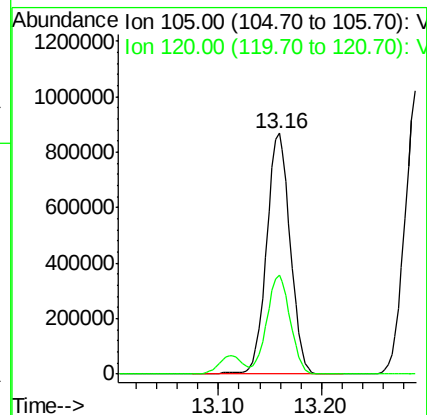
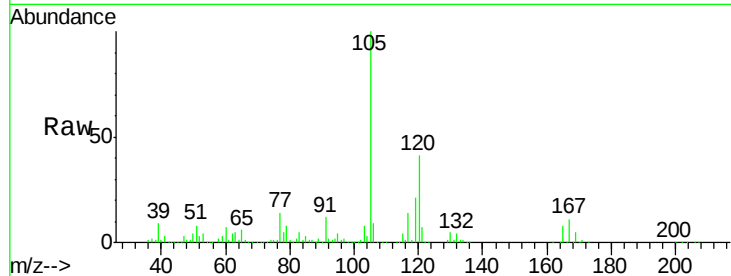
105 100

120 40.8 21.9 65.5

Manual Integrations
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#86

sec-Butylbenzene

Concen: 47.33 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN027266.D

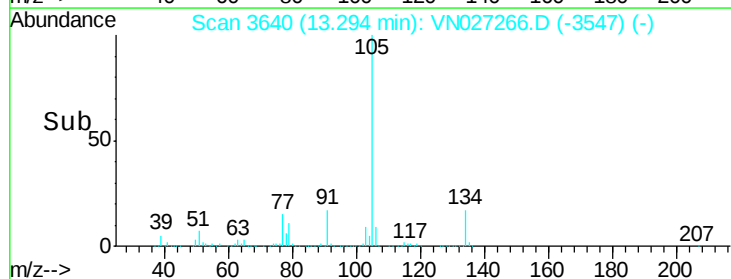
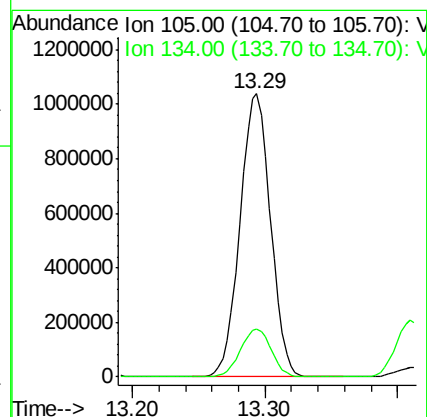
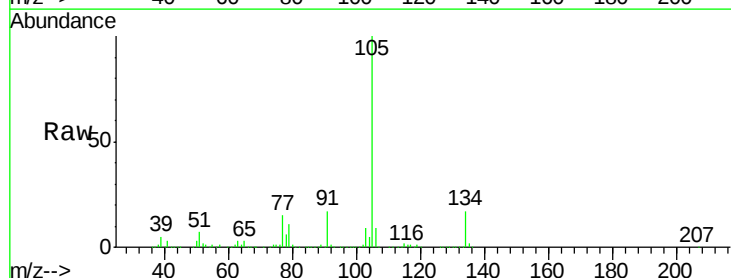
Acq: 17 Sep 2015 20:17

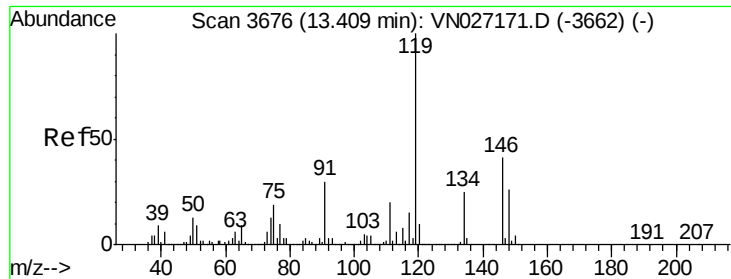
Tgt Ion:105 Resp: 1654003

Ion Ratio Lower Upper

105 100

134 17.1 8.8 26.4





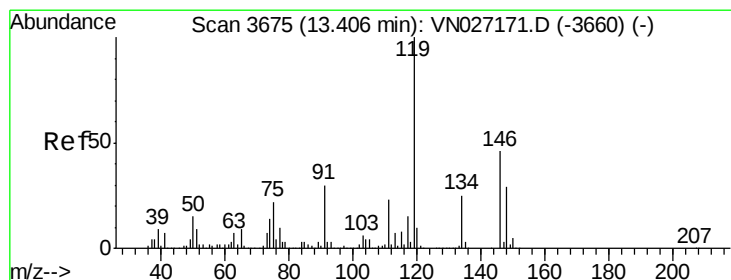
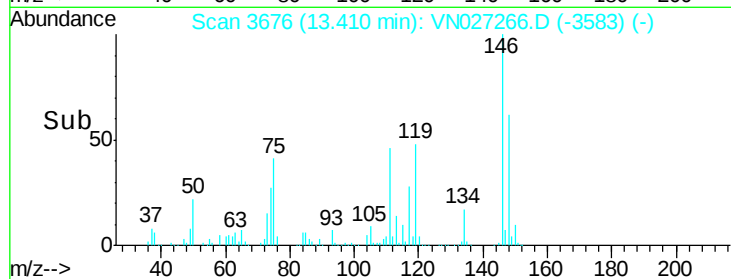
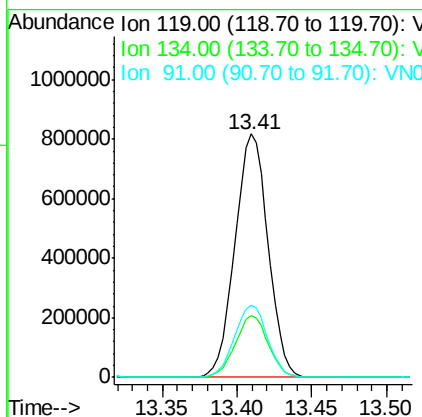
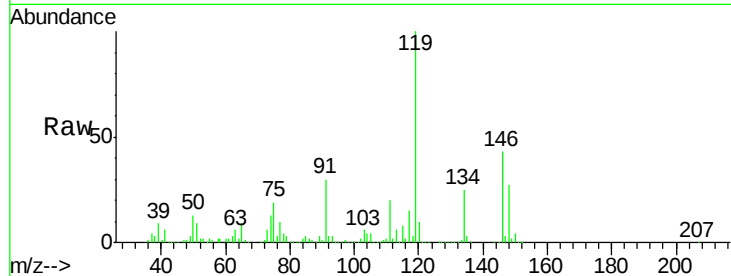
#87
 p-Isopropyltoluene
 Concen: 46.66 ug/l
 RT: 13.41 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.4	37.0
91	29.6	12.0	36.1

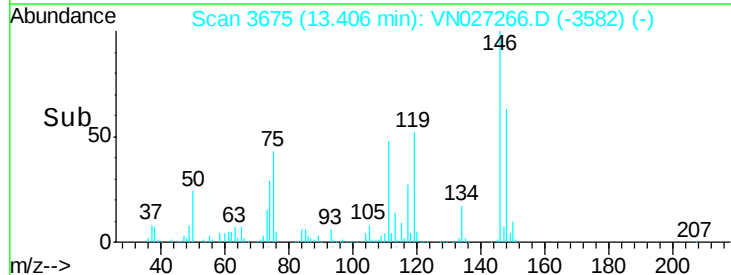
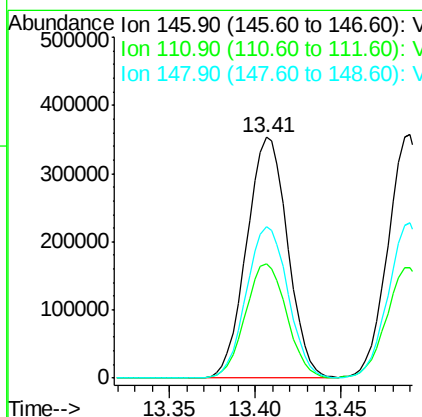
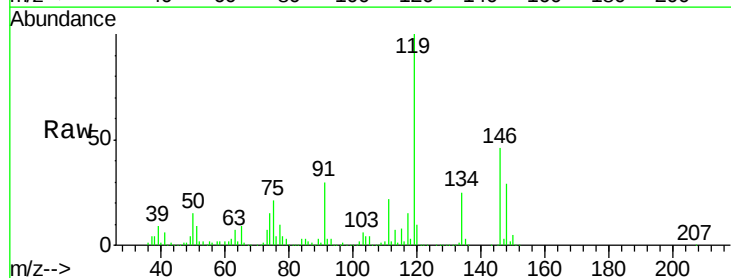
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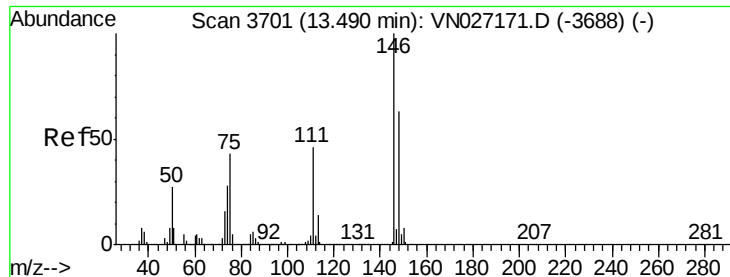
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#88
 1,3-Dichlorobenzene
 Concen: 48.41 ug/l
 RT: 13.41 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.7	21.0	63.0
148	63.9	31.9	95.9





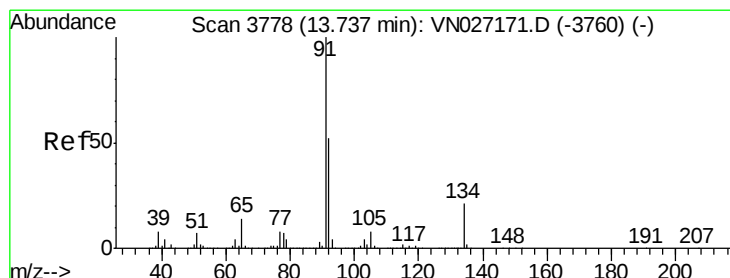
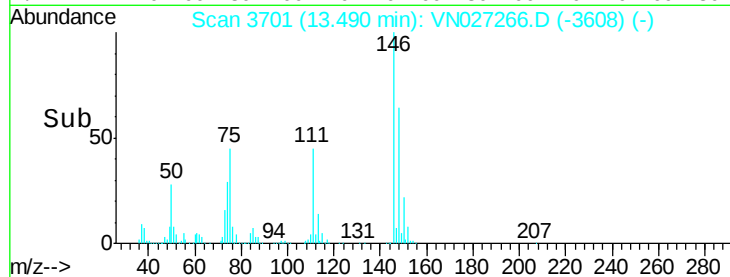
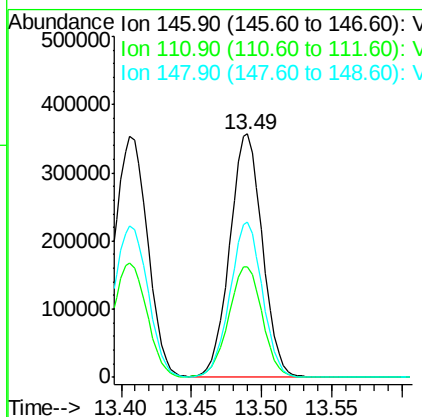
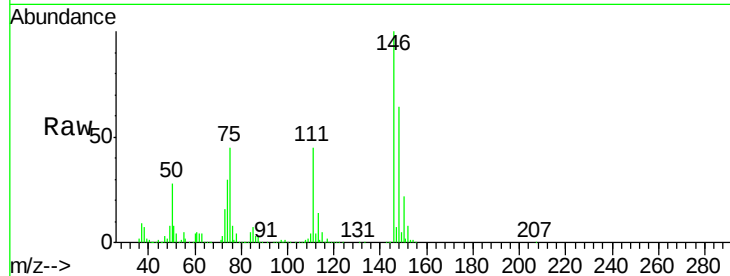
#89
 1,4-Dichlorobenzene
 Concen: 47.15 ug/l
 RT: 13.49 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.0	19.9	59.6
148	63.6	31.7	95.1

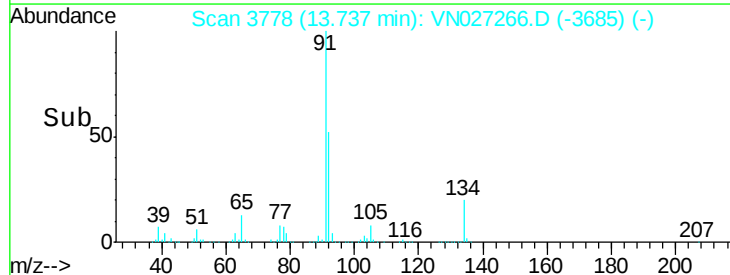
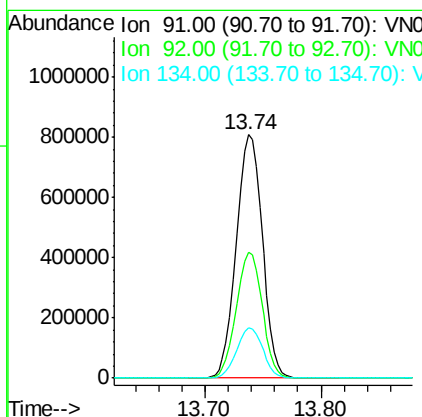
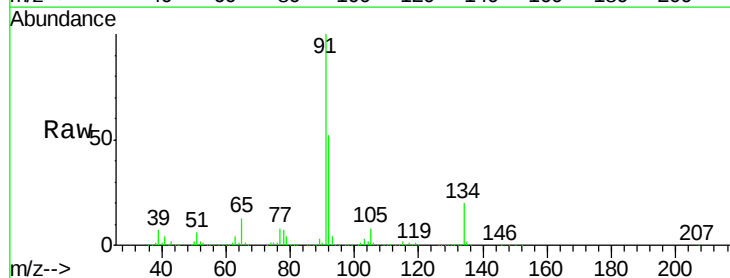
Manual Integrations
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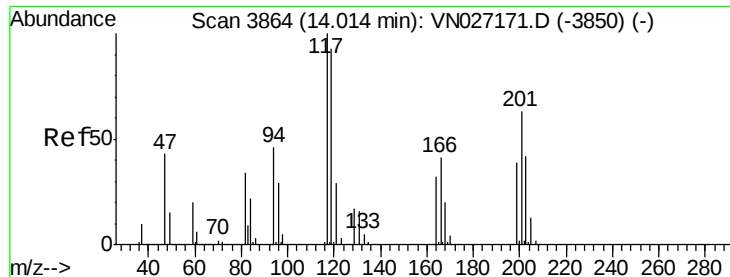
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#90
 n-Butylbenzene
 Concen: 48.16 ug/l
 RT: 13.74 min Scan# 3778
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.1	78.2
134	20.6	11.1	33.1





#91

Hexachloroethane

Concen: 44.26 ug/l

RT: 14.01 min Scan# 3864

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:117 Resp: 260695

Ion Ratio Lower Upper

117 100

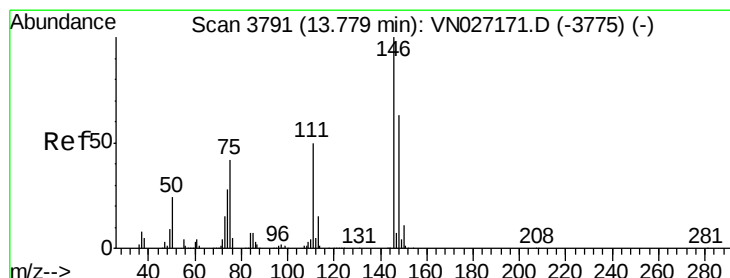
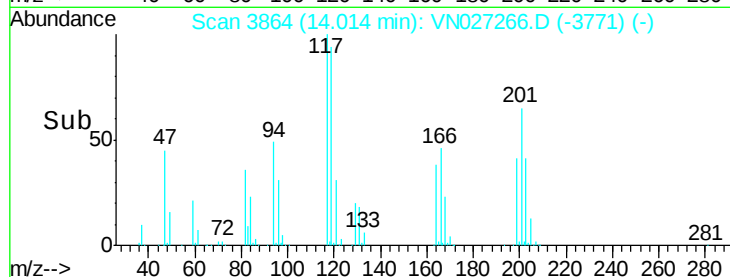
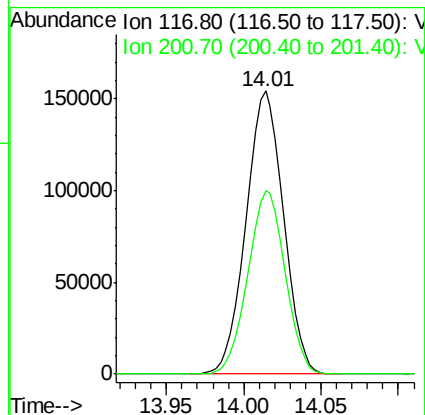
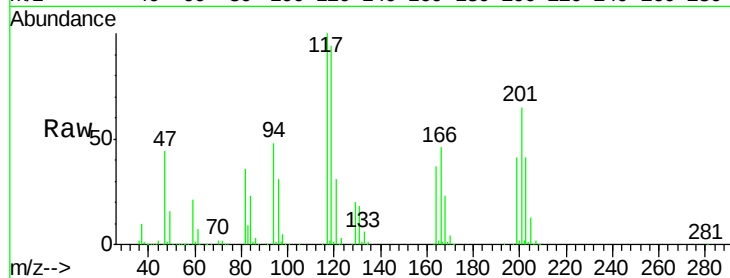
201 64.3 34.9 104.7

Manual Integrations

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#92

1,2-Dichlorobenzene

Concen: 47.73 ug/l

RT: 13.78 min Scan# 3791

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

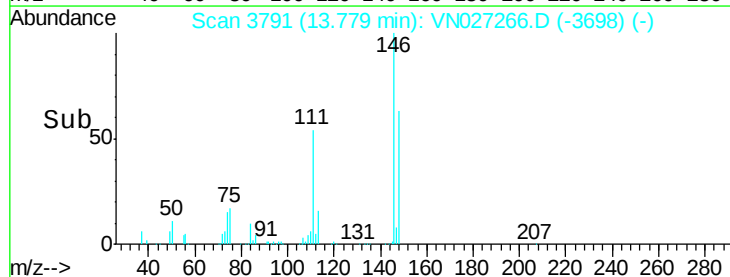
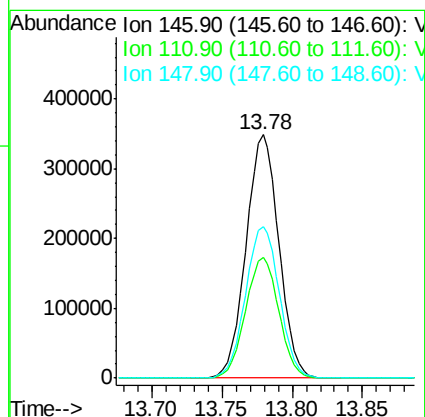
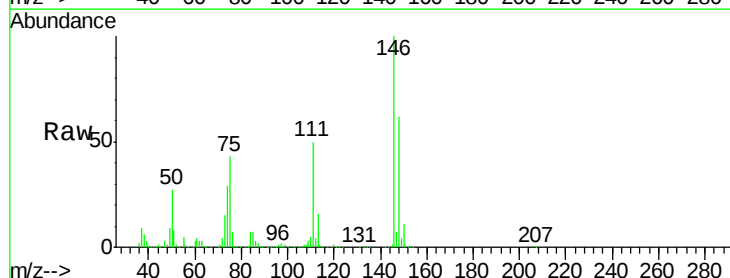
Tgt Ion:146 Resp: 569551

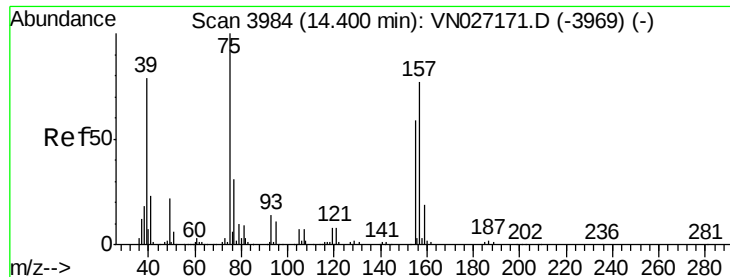
Ion Ratio Lower Upper

146 100

111 50.3 22.1 66.3

148 64.1 32.0 96.0





#93

1,2-Dibromo-3-Chloropropane

Concen: 47.22 ug/l

RT: 14.40 min Scan# 3984

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 97195

Ion Ratio Lower Upper

75 100

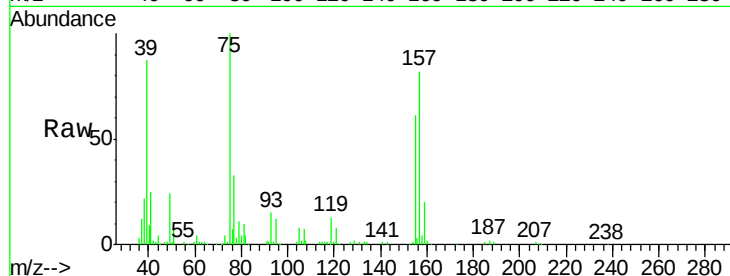
155 60.6 35.6 106.9

157 79.6 44.6 133.8

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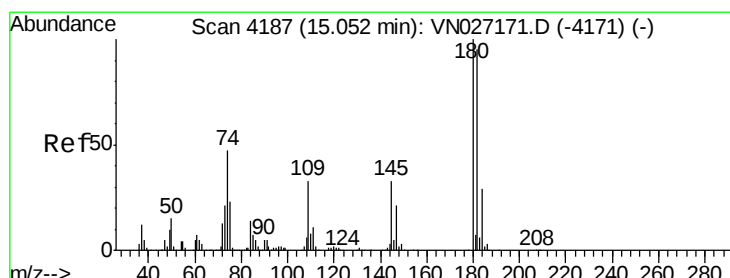
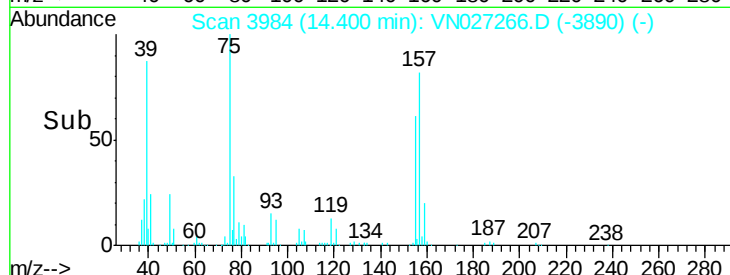
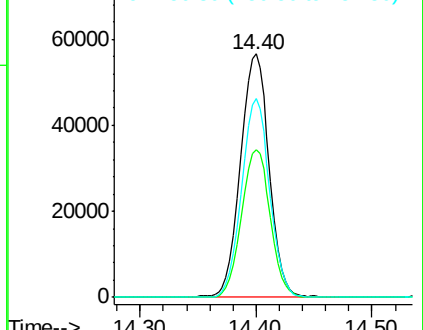
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Abundance Ion 74.90 (74.60 to 75.60): VN027171.D (-3969) (-)

Ion 154.80 (154.50 to 155.50): VN027171.D (-3969) (-)

Ion 156.80 (156.50 to 157.50): VN027171.D (-3969) (-)



#94

1,2,4-Trichlorobenzene

Concen: 49.48 ug/l

RT: 15.05 min Scan# 4187

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

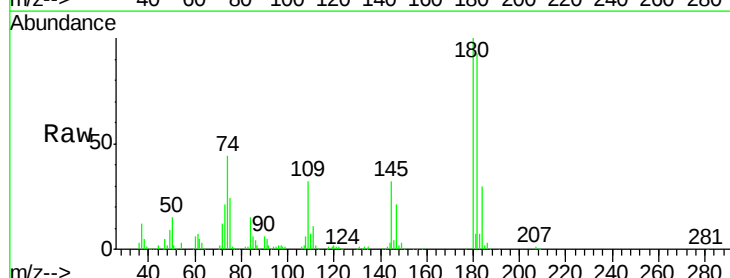
Tgt Ion: 180 Resp: 318947

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.5

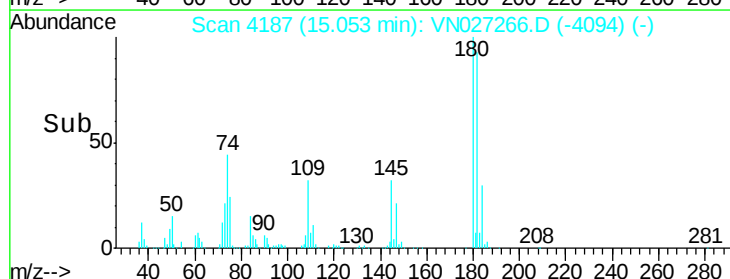
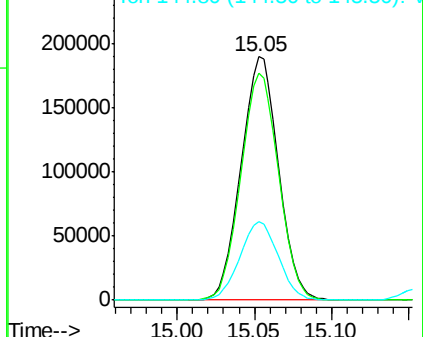
145 33.1 15.1 45.3

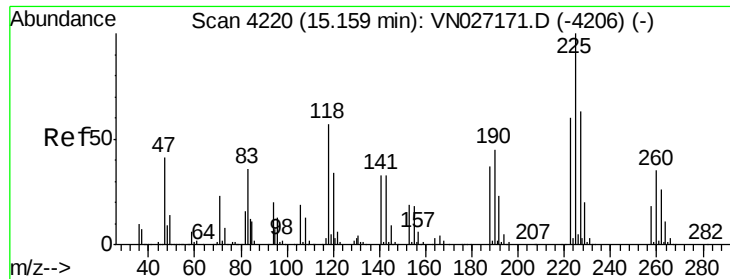


Abundance Ion 179.80 (179.50 to 180.50): VN027171.D (-4171) (-)

Ion 181.80 (181.50 to 182.50): VN027171.D (-4171) (-)

Ion 144.80 (144.50 to 145.50): VN027171.D (-4171) (-)





#95

Hexachlorobutadiene

Concen: 45.37 ug/l

RT: 15.16 min Scan# 4220

Delta R.T. 0.00 min

Lab File: VN027266.D

Acq: 17 Sep 2015 20:17

Instrument :

MSVOA_N

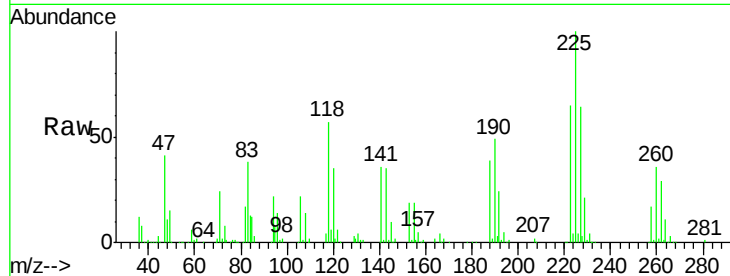
ClientSampleId :

VSTDCCC050EC

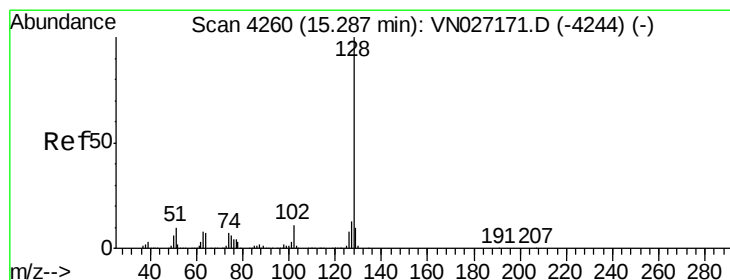
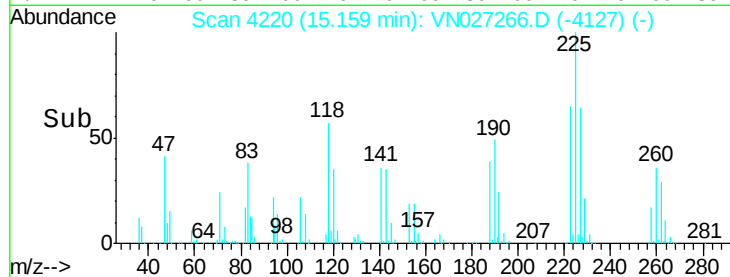
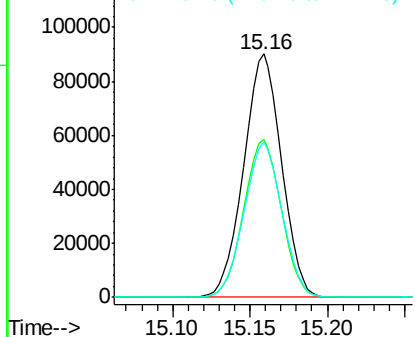
Tot Ion:	225	Resp:	154037
Ion Ratio		Lower	Upper
225	100		
223	64.1	30.8	92.3
227	63.3	31.7	95.1

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



#96

Naphthalene

Concen: 49.09 ug/l

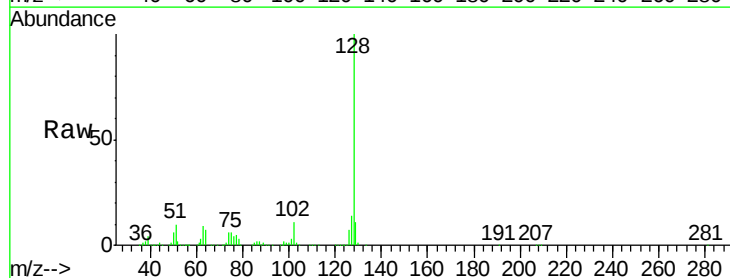
RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

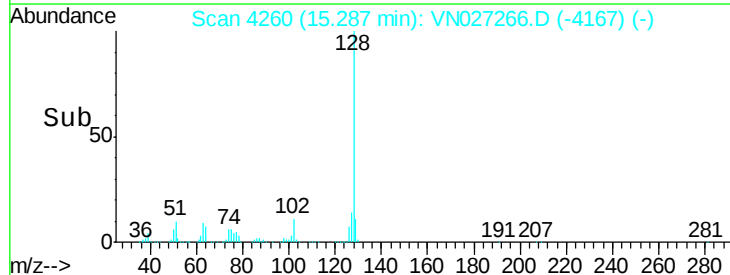
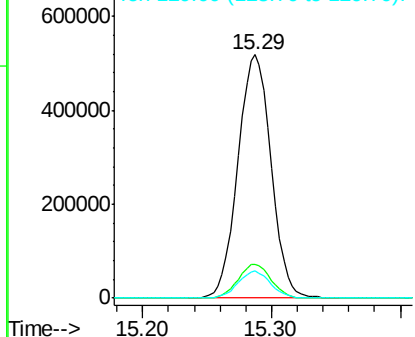
Lab File: VN027266.D

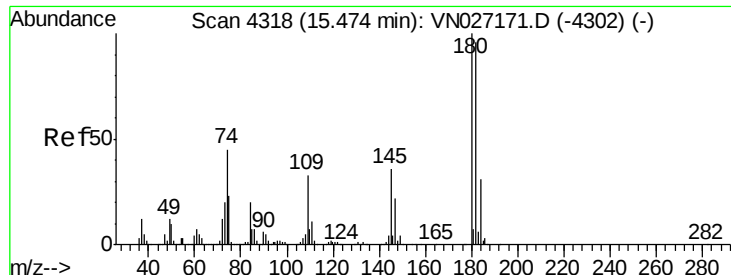
Acq: 17 Sep 2015 20:17

Tgt Ion:	128	Resp:	927660
Ion Ratio		Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.9	8.6	12.8



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





#97
 1,2,3-Trichlorobenzene
 Concen: 49.34 ug/l
 RT: 15.47 min Scan# 4318
 Delta R.T. 0.00 min
 Lab File: VN027266.D
 Acq: 17 Sep 2015 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	48.8	146.4
145	34.7	16.6	49.8

Manual Integrations
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