

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001118.D
 Acq On : 29 Jan 2018 13:43
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:54 PM

Quant Time: Jan 30 01:01:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 00:46:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	387345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	213372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	289129	98.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.06%	
35) Dibromofluoromethane	7.88	113	272051	101.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.76%	
50) Toluene-d8	10.33	98	1032194	100.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.86%	
62) 4-Bromofluorobenzene	12.63	95	380808	100.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	247873	96.42	ug/l	98
3) Chloromethane	2.22	50	212066	94.43	ug/l	99
4) Vinyl Chloride	2.36	62	209333	93.63	ug/l	99
5) Bromomethane	2.72	94	122534	97.23	ug/l	98
6) Chloroethane	2.89	64	116395	91.74	ug/l	97
7) Trichlorofluoromethane	3.24	101	391891	94.33	ug/l	100
8) Diethyl Ether	3.67	74	103370	95.61	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	273674	99.02	ug/l	99
10) Methyl Iodide	4.25	142	319702	109.55	ug/l	100
11) Tert butyl alcohol	5.20	59	134492m	565.33	ug/l	
12) 1,1-Dichloroethene	4.02	96	234612	97.17	ug/l	98
13) Acrolein	3.89	56	203438	534.53	ug/l	98
14) Allyl chloride	4.66	41	361133	100.11	ug/l	99
15) Acrylonitrile	5.37	53	387858	528.43	ug/l	100
16) Acetone	4.13	43	420256	541.92	ug/l	99
17) Carbon Disulfide	4.35	76	738963	98.54	ug/l	99
18) Methyl Acetate	4.67	43	191482	105.93	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	647559	103.63	ug/l	98
20) Methylene Chloride	4.90	84	248923	99.50	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	261937	97.14	ug/l	100
22) Diisopropyl ether	6.32	45	688537	99.63	ug/l	99
23) Vinyl Acetate	6.26	43	2241256	541.29	ug/l	100
24) 1,1-Dichloroethane	6.21	63	434243	96.29	ug/l	98
25) 2-Butanone	7.18	43	554992	545.23	ug/l	98
26) 2,2-Dichloropropane	7.17	77	424500	95.16	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	283236	98.47	ug/l	100
28) Bromochloromethane	7.51	49	181687	99.12	ug/l	99
29) Tetrahydrofuran	7.53	42	321311	552.74	ug/l	99
30) Chloroform	7.67	83	466738	95.51	ug/l	99
31) Cyclohexane	7.95	56	404526	92.43	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	446271	96.52	ug/l	99
36) 1,1-Dichloropropene	8.08	75	371602	98.60	ug/l	99
37) Ethyl Acetate	7.26	43	206453	103.61	ug/l	99
38) Carbon Tetrachloride	8.06	117	417912	99.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	463917	104.25	ug/l	98
40) Benzene	8.32	78	1015583	97.32	ug/l	98
41) Methacrylonitrile	7.49	41	110486	99.96	ug/l	95
42) 1,2-Dichloroethane	8.40	62	322871	98.40	ug/l	100
43) Isopropyl Acetate	8.43	43	372966	108.81	ug/l	100
44) Trichloroethene	9.09	130	303370	96.83	ug/l	100
45) 1,2-Dichloropropane	9.37	63	248334	98.83	ug/l	98
46) Dibromomethane	9.46	93	157950	100.52	ug/l	100
47) Bromodichloromethane	9.65	83	354421	99.69	ug/l	99
48) Methyl methacrylate	9.44	41	183000	111.69	ug/l	99
49) 1,4-Dioxane	9.45	88	63139	2254.95	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	1054285	562.90	ug/l	99
52) Toluene	10.40	92	665485	99.32	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	380136	105.97	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	408288	101.95	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	221951	99.08	ug/l	99
56) Ethyl methacrylate	10.65	69	297010	113.10	ug/l	99
57) 1,3-Dichloropropane	10.94	76	367877	101.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	918951	500.59	ug/l	99
59) 2-Hexanone	10.98	43	834087	588.64	ug/l	100
60) Dibromochloromethane	11.13	129	279292	102.32	ug/l	99
61) 1,2-Dibromoethane	11.24	107	231155	102.33	ug/l	100
64) Tetrachloroethene	10.87	164	299437	96.14	ug/l	99
65) Chlorobenzene	11.66	112	761052	97.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	282536	99.04	ug/l	99
67) Ethyl Benzene	11.74	91	1316350	100.93	ug/l	98
68) m/p-Xylenes	11.85	106	1021499	201.04	ug/l	99
69) o-Xylene	12.18	106	479506	102.35	ug/l	99
70) Styrene	12.19	104	794550	103.18	ug/l	100
71) Bromoform	12.36	173	195633	106.14	ug/l #	98
73) Isopropylbenzene	12.48	105	1351426	101.12	ug/l	100
74) N-amyl acetate	12.29	43	341890	112.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	282582	103.37	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	208298m	80.11	ug/l	
77) Bromobenzene	12.76	156	336341	96.93	ug/l	96
78) n-propylbenzene	12.82	91	1593802	99.61	ug/l	100
79) 2-Chlorotoluene	12.91	91	906429	98.99	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1161765	101.64	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	94332	114.70	ug/l	99
82) 4-Chlorotoluene	13.01	91	950669	97.38	ug/l	100
83) tert-Butylbenzene	13.22	119	1047060	103.67	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1180712	101.52	ug/l	99
85) sec-Butylbenzene	13.40	105	1451085	101.58	ug/l	100
86) p-Isopropyltoluene	13.51	119	1311137	103.23	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	659056	96.20	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	661352	96.08	ug/l	99
89) n-Butylbenzene	13.84	91	1228124	103.78	ug/l	99
90) Hexachloroethane	14.11	117	241535	101.98	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	614841	98.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	62928	114.12	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	479404	103.90	ug/l	100
94) Hexachlorobutadiene	15.26	225	291528	102.17	ug/l	99
95) Naphthalene	15.39	128	1037839	114.00	ug/l	99
96) 1,2,3-Trichlorobenzene	15.58	180	430776	101.24	ug/l	99

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

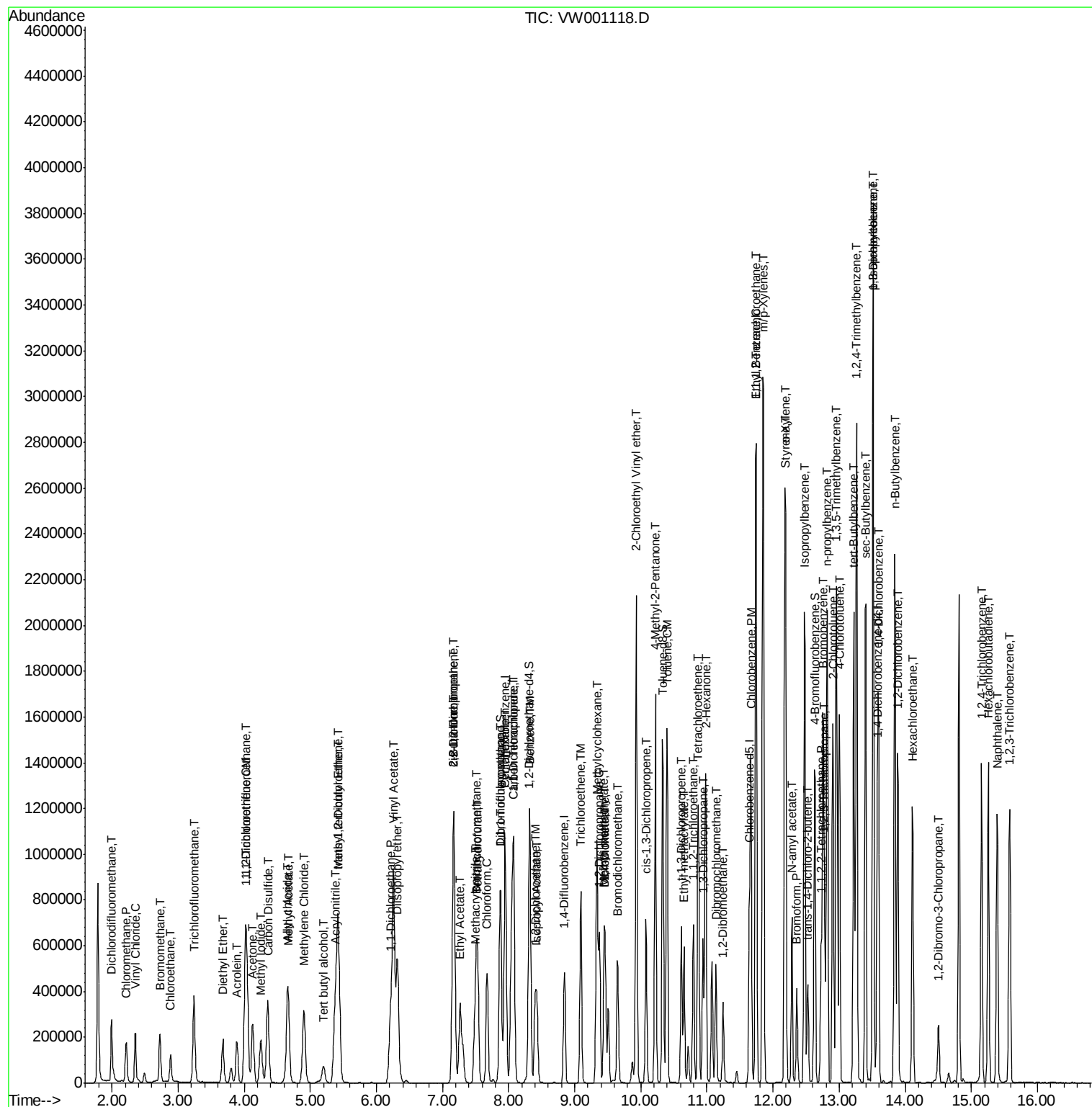
Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
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 Operator : JC/SY
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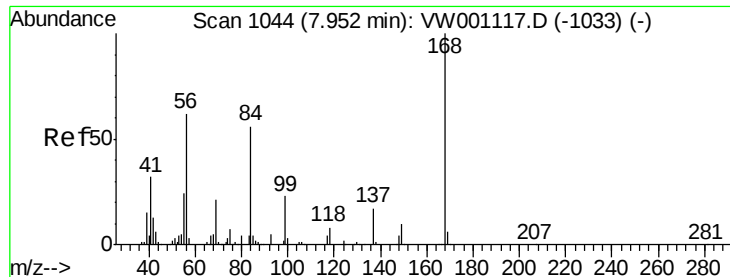
Instrument :
 MSVOA_W
 Client Sample Id :
 VSTDICC100

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 303375

Ion Ratio Lower Upper

168 100

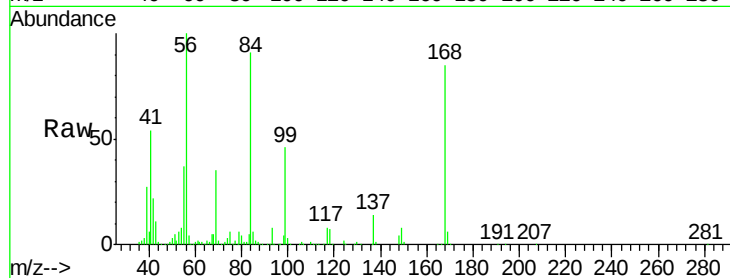
99 53.8 42.4 63.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

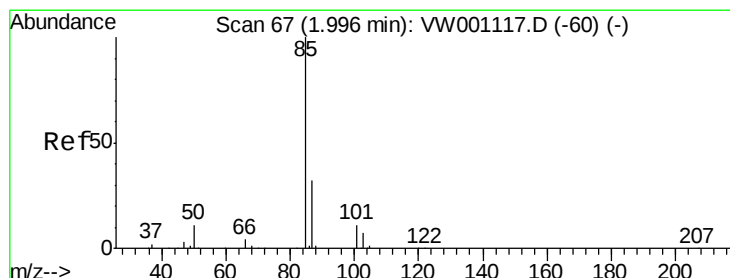
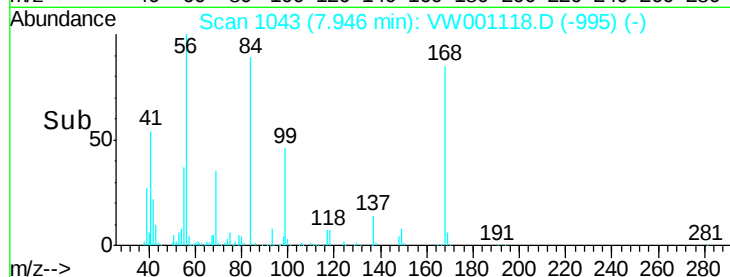
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 96.42 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VW001118.D

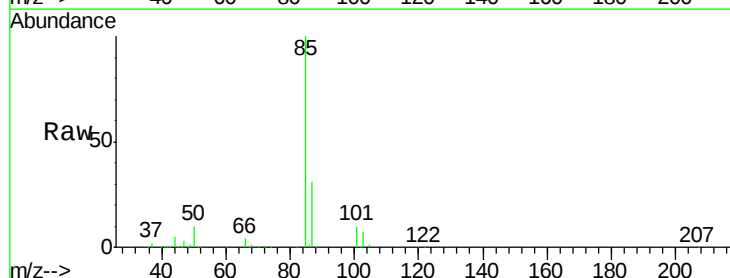
Acq: 29 Jan 2018 13:43

Tgt Ion: 85 Resp: 247873

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

150000

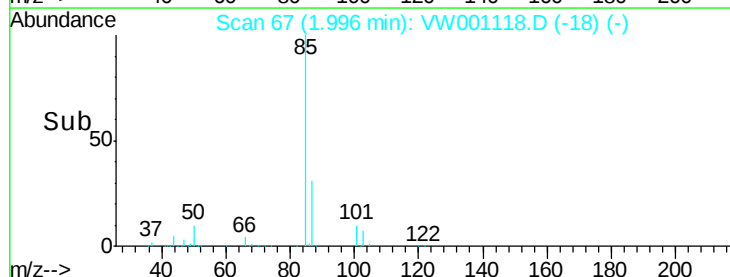
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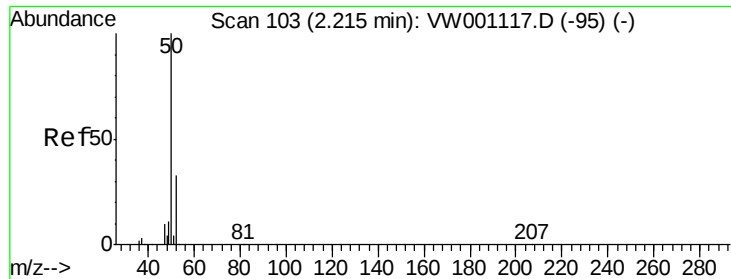
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 94.43 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 212066

Ion Ratio Lower Upper

50 100

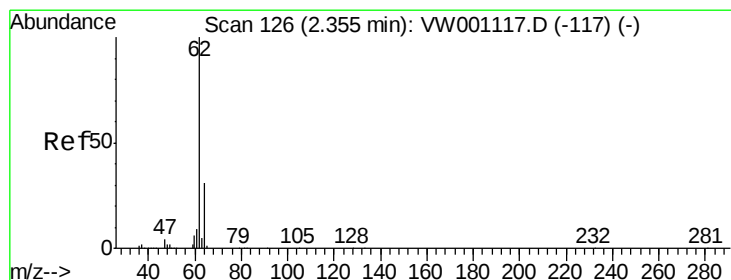
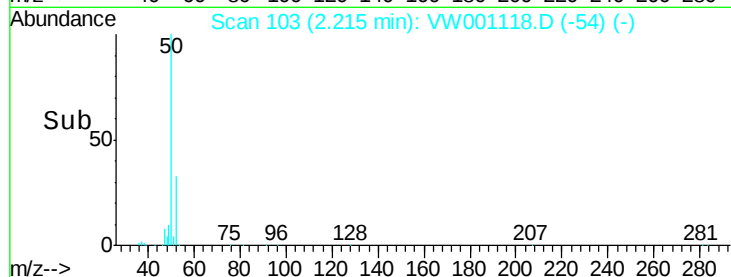
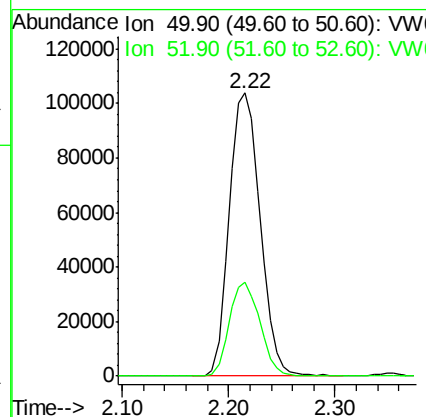
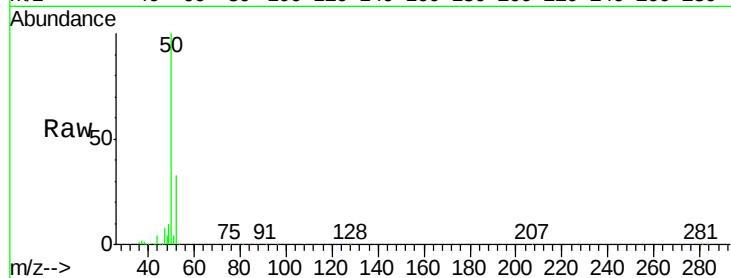
52 33.3 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 93.63 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW001118.D

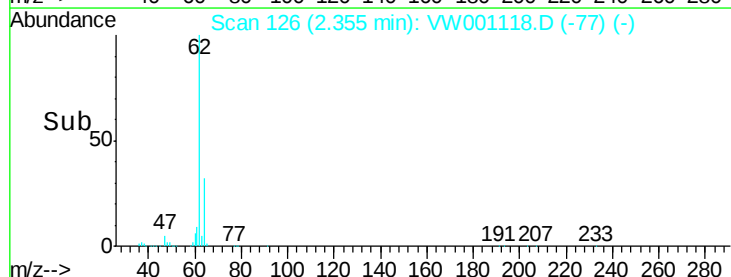
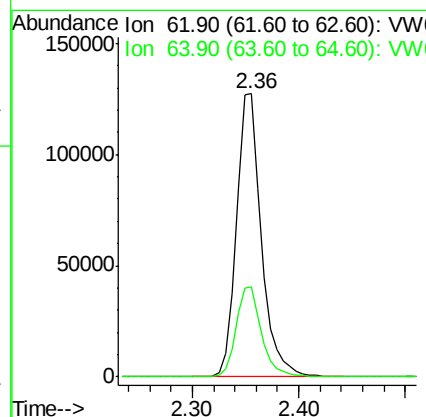
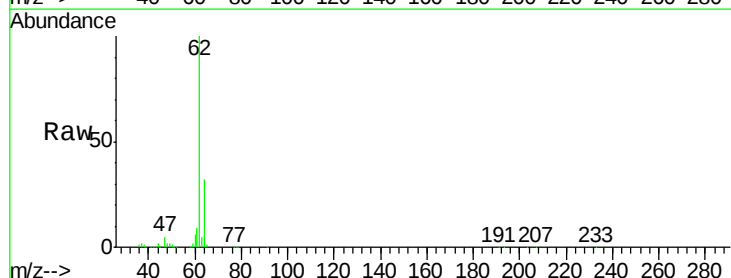
Acq: 29 Jan 2018 13:43

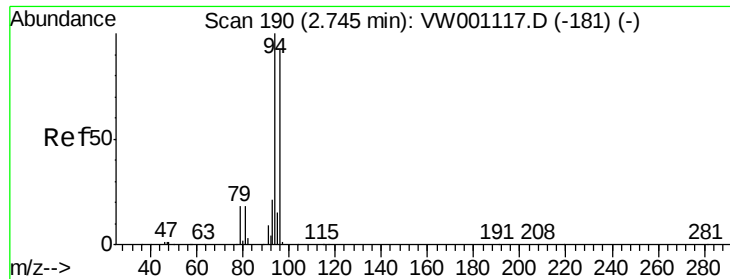
Tgt Ion: 62 Resp: 209333

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 97.23 ug/l

RT: 2.72 min Scan# 186

Delta R.T. -0.02 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 122534

Ion Ratio Lower Upper

94 100

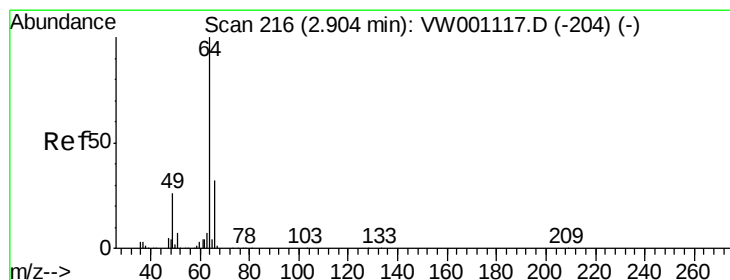
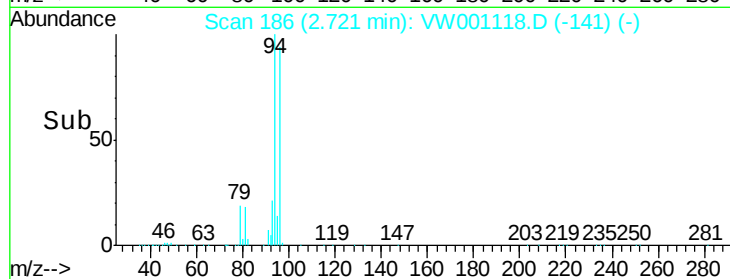
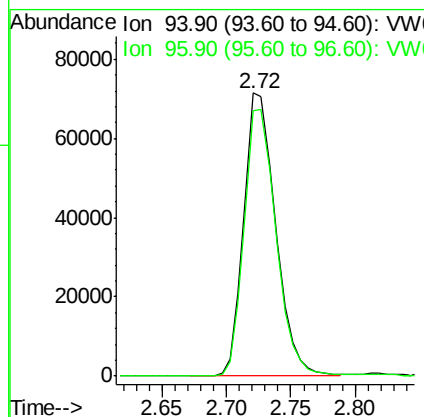
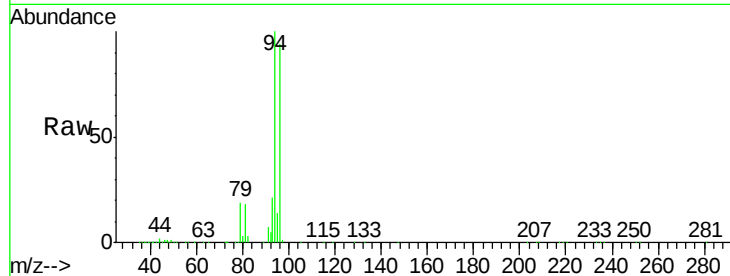
96 93.7 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 91.74 ug/l

RT: 2.89 min Scan# 213

Delta R.T. -0.02 min

Lab File: VW001118.D

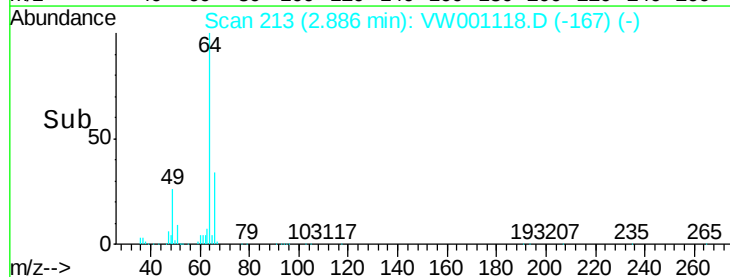
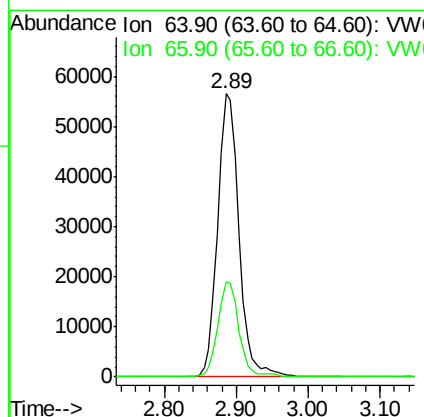
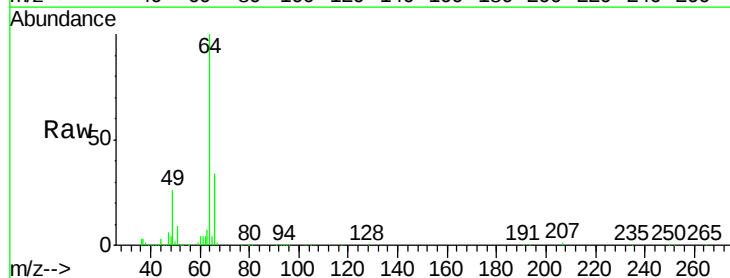
Acq: 29 Jan 2018 13:43

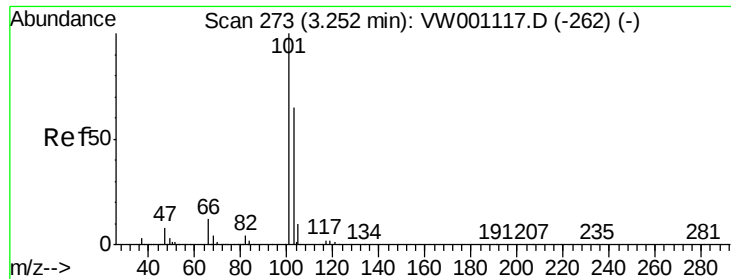
Tgt Ion: 64 Resp: 116395

Ion Ratio Lower Upper

64 100

66 33.8 25.8 38.8





#7

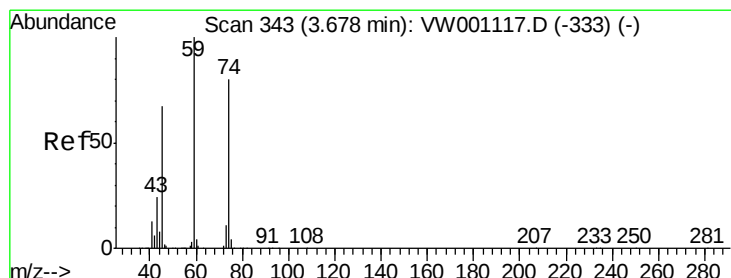
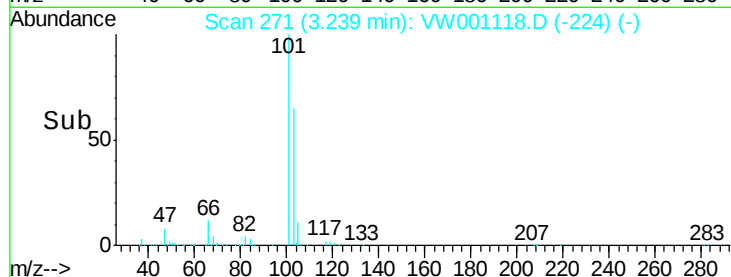
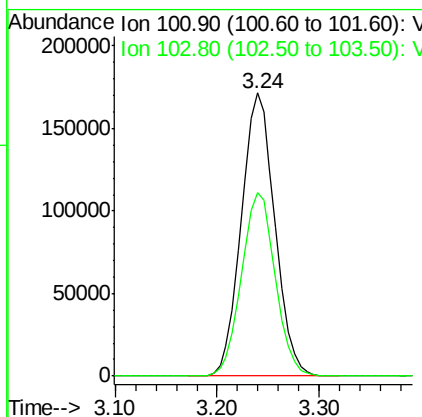
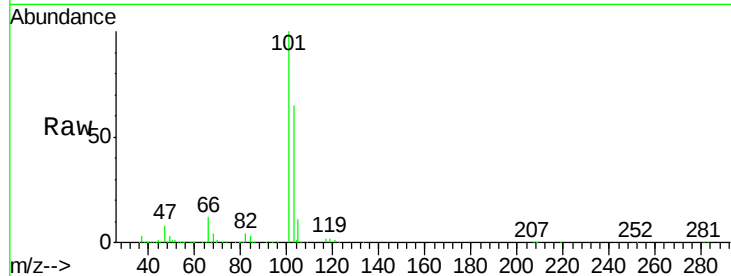
Trichlorofluoromethane
Concen: 94.33 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	391891		
103	64.6	51.9	77.9	

Manual Integrations
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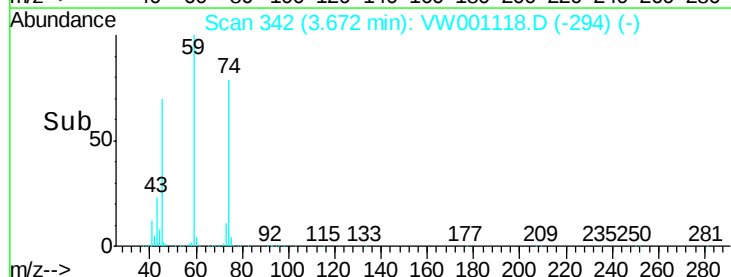
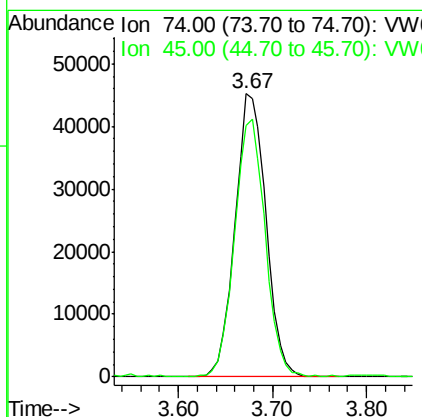
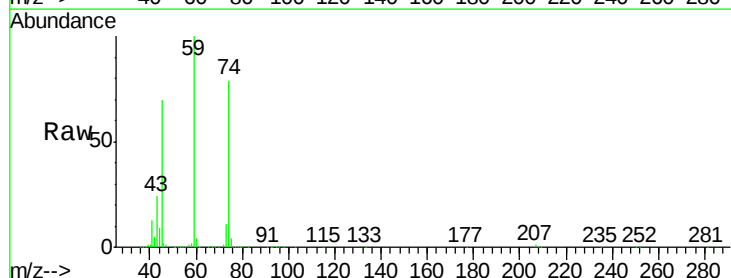
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1/30/2018 5:46:54 PM

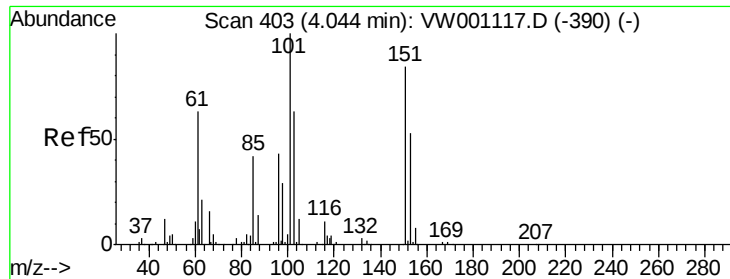


#8

Diethyl Ether
Concen: 95.61 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	103370		
45	89.6	46.7	140.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.02 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

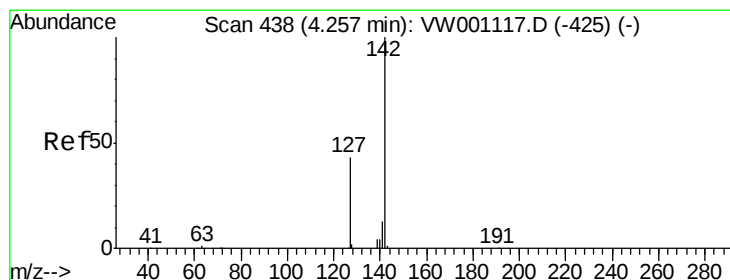
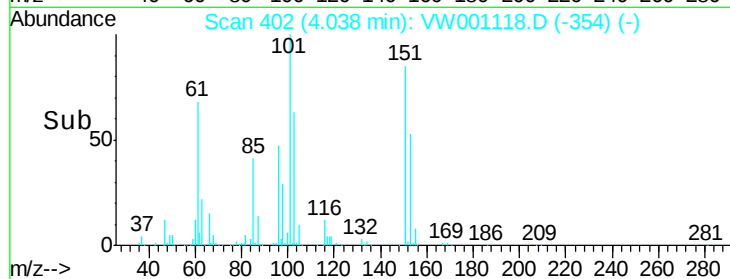
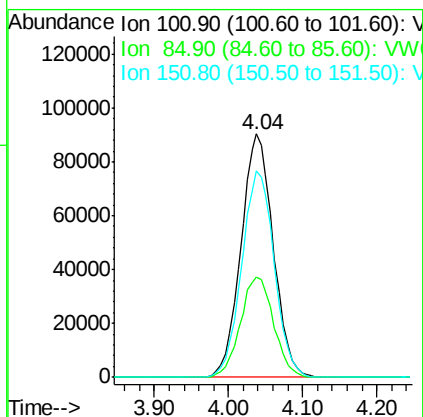
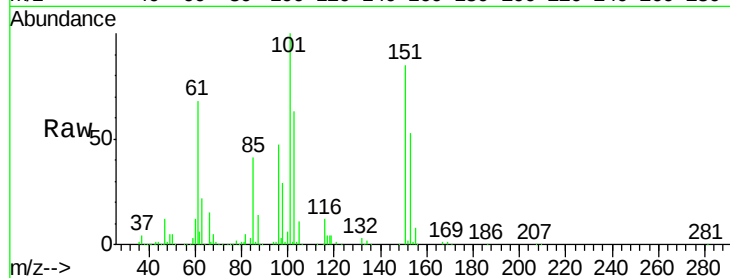
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	273674
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.9	52.3
151	85.8	68.6	103.0

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#10

Methyl Iodide

Concen: 109.55 ug/l

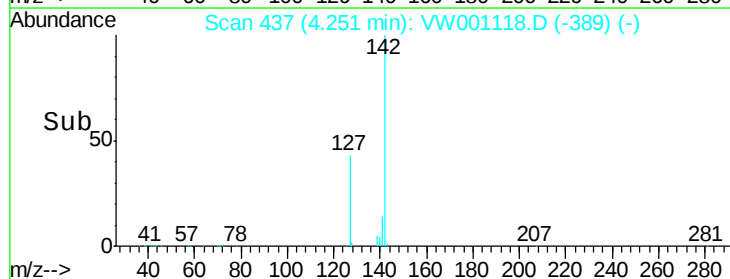
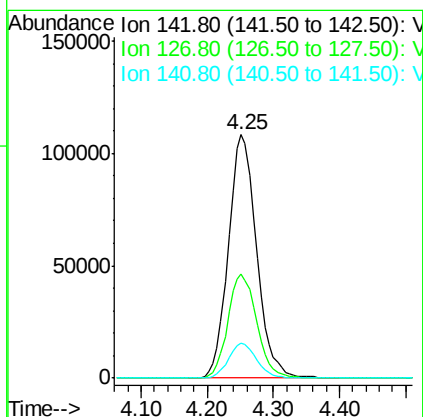
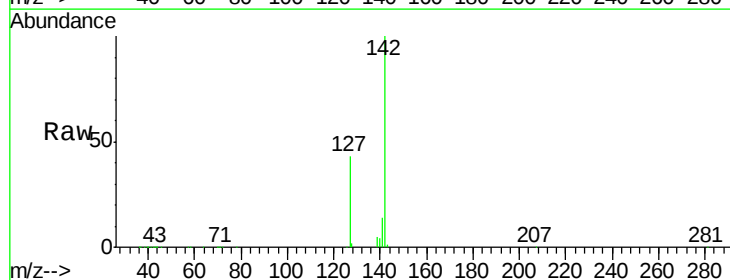
RT: 4.25 min Scan# 437

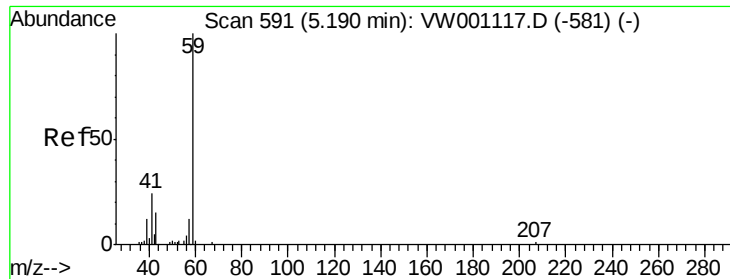
Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion:	142	Resp:	319702
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.4	53.2
141	14.4	11.6	17.4





#11

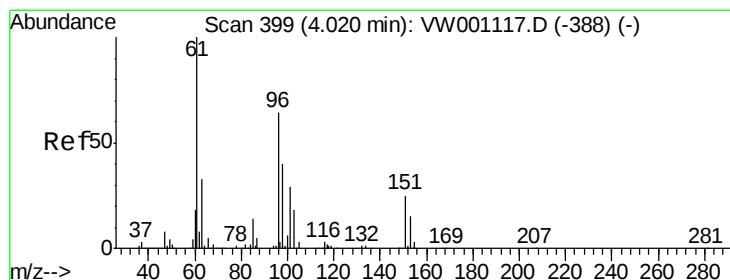
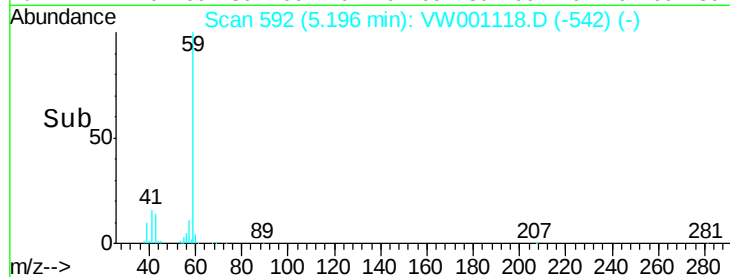
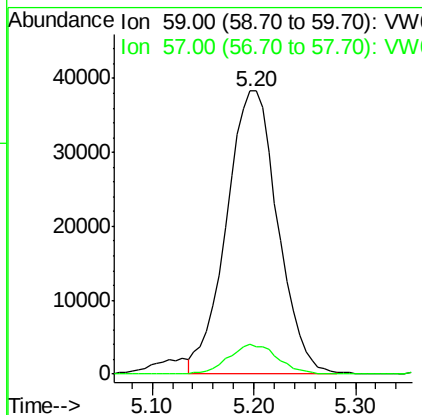
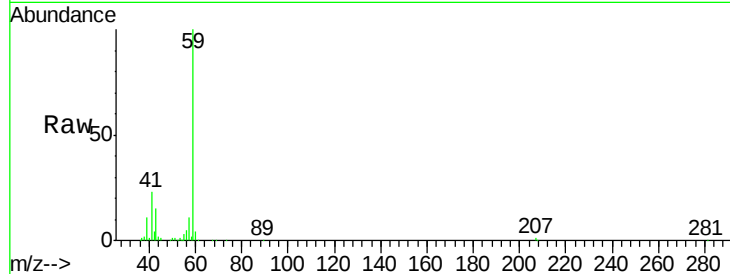
Tert butyl alcohol
 Concen: 565.33 ug/l m
 RT: 5.20 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.8

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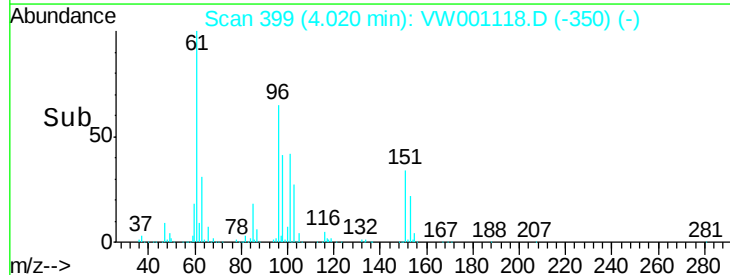
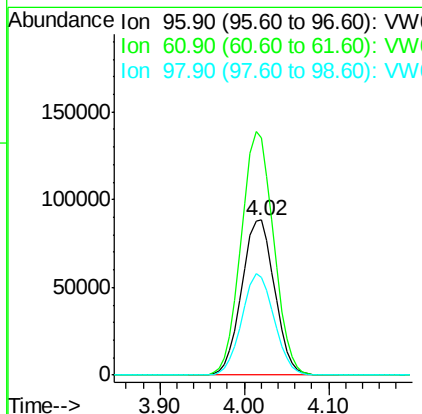
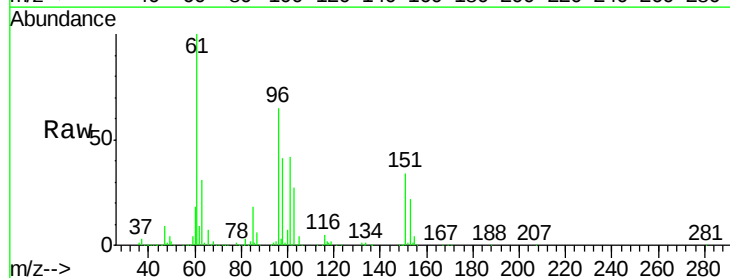
MMDadoda
 1/30/2018 5:46:54 PM

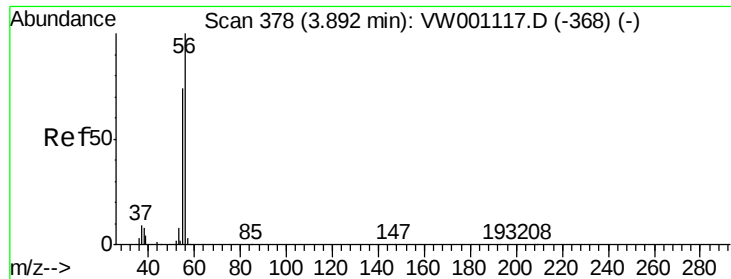


#12

1,1-Dichloroethene
 Concen: 97.17 ug/l
 RT: 4.02 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.2	125.2	187.8
98	63.0	50.3	75.5





#13

Acrolein

Concen: 534.53 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 203438

Ion Ratio Lower Upper

56 100

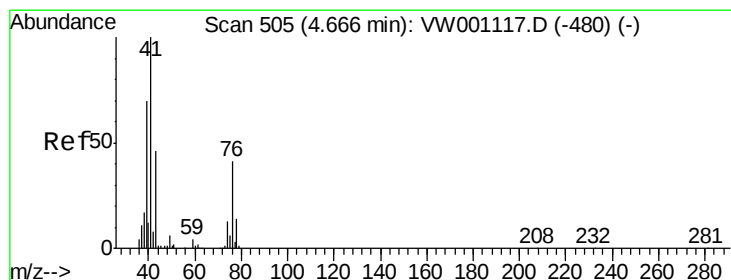
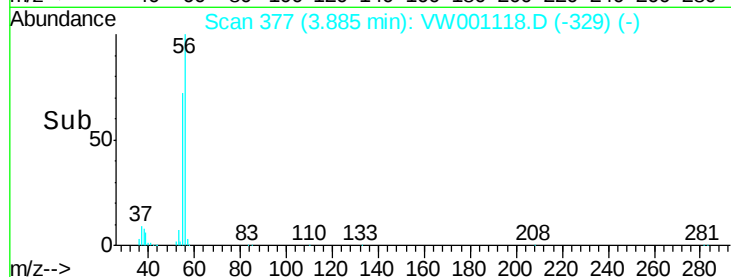
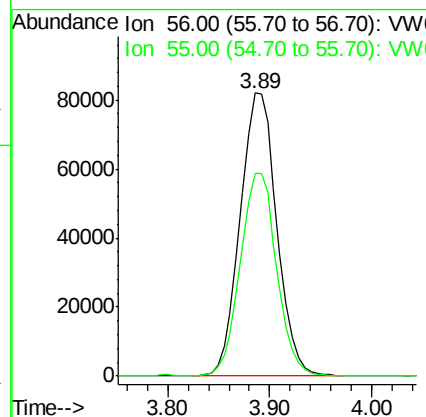
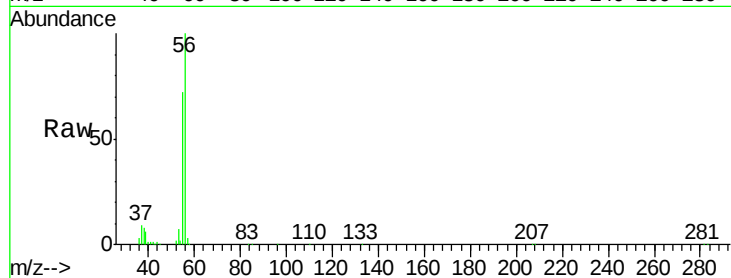
55 70.9 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 100.11 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

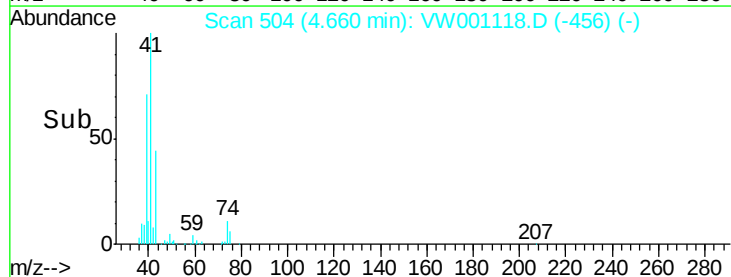
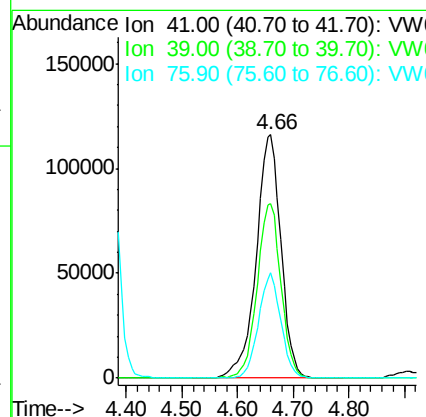
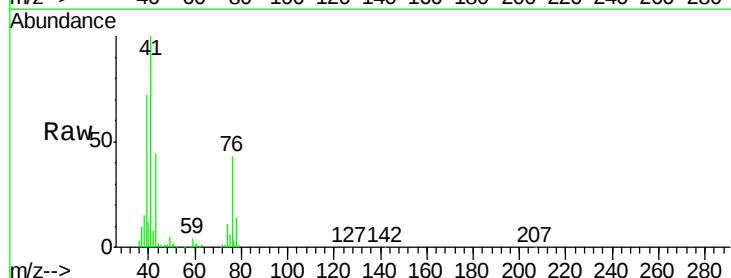
Tgt Ion: 41 Resp: 361133

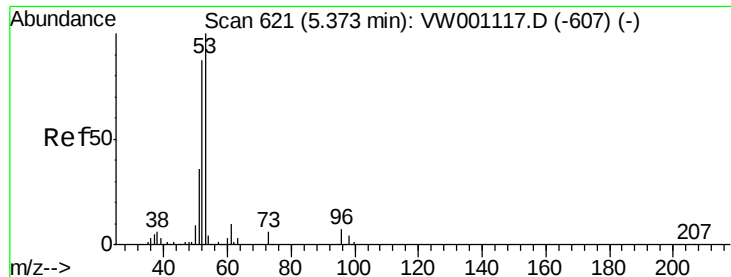
Ion Ratio Lower Upper

41 100

39 69.1 55.9 83.9

76 38.8 31.0 46.6





#15

Acrylonitrile

Concen: 528.43 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

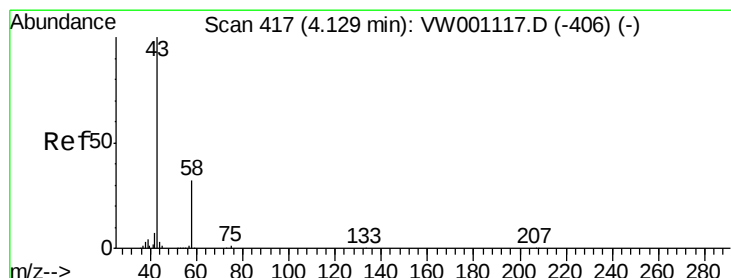
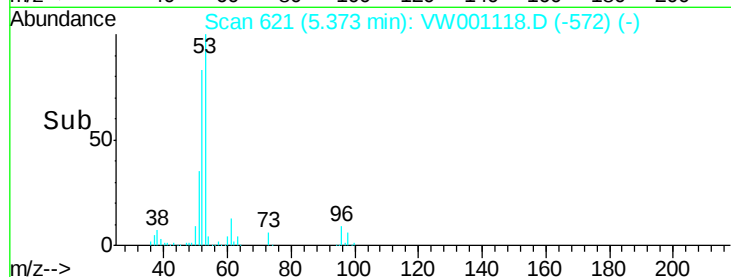
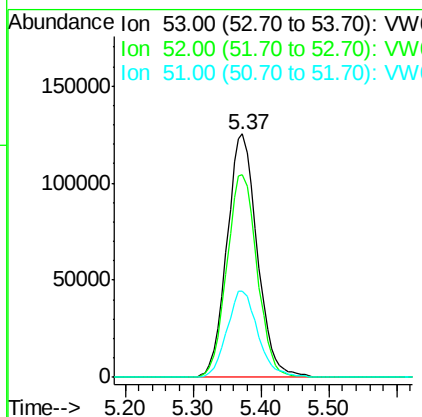
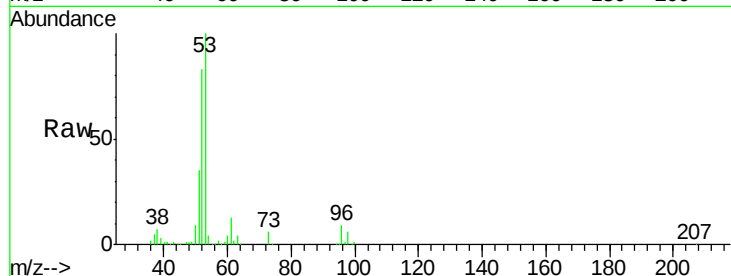
ClientSampleId :

VSTDICC100

Tot Ion:	53	Resp:	387858
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.9	100.3
51	36.5	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 541.92 ug/l

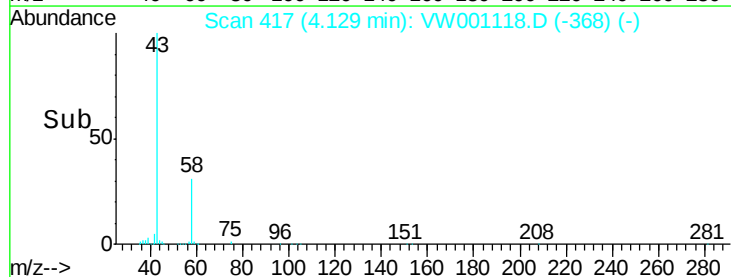
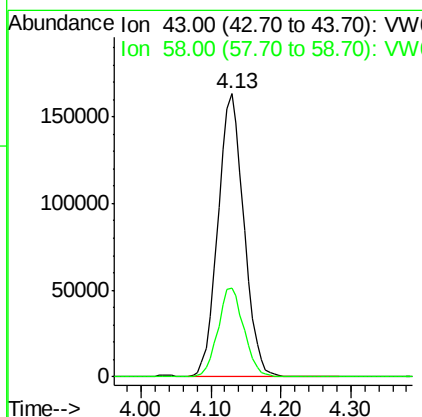
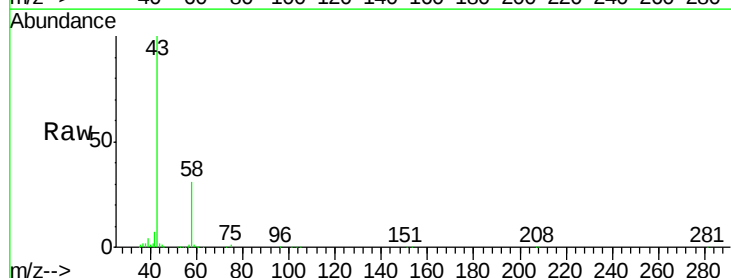
RT: 4.13 min Scan# 417

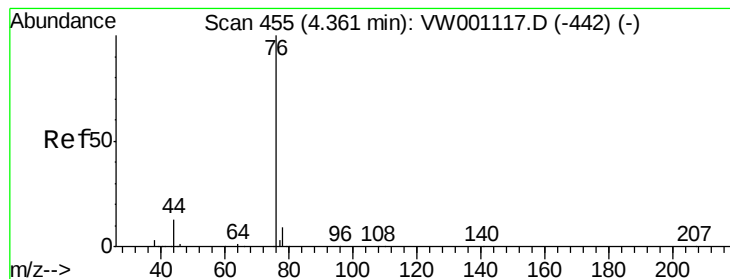
Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion:	43	Resp:	420256
Ion Ratio	Lower	Upper	
43	100		
58	31.3	25.7	38.5





#17

Carbon Disulfide

Concen: 98.54 ug/l

RT: 4.35 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 738963

Ion Ratio Lower Upper

76 100

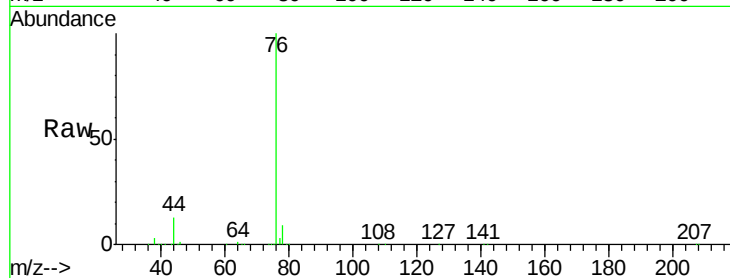
78 9.2 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.35

300000

250000

200000

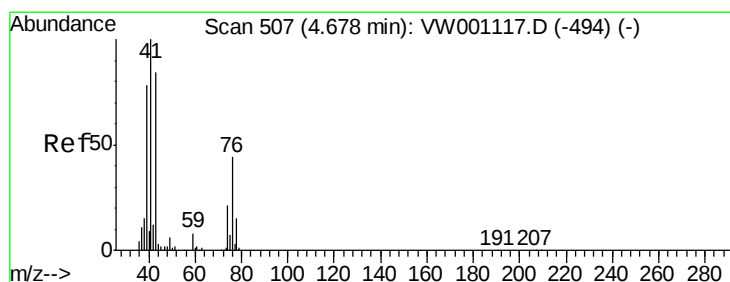
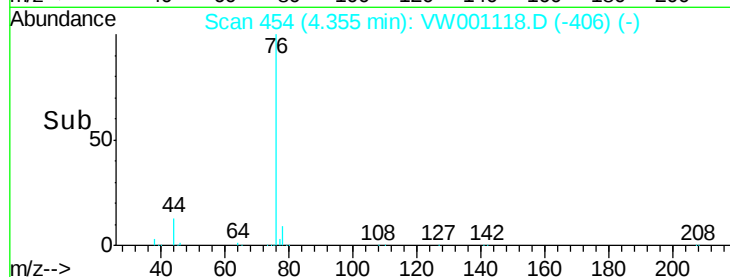
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 105.93 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW001118.D

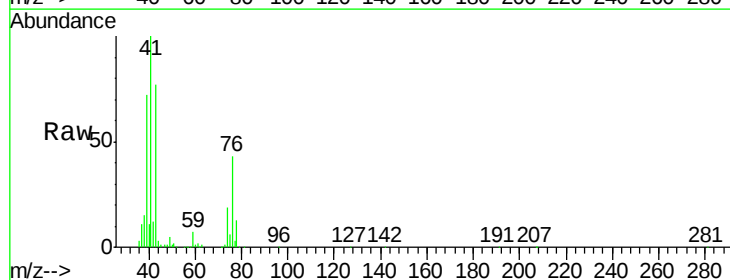
Acq: 29 Jan 2018 13:43

Tgt Ion: 43 Resp: 191482

Ion Ratio Lower Upper

43 100

74 25.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

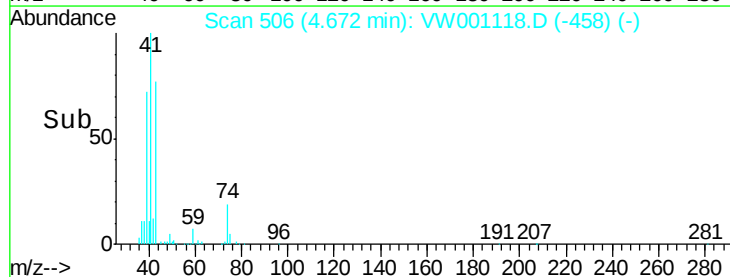
60000

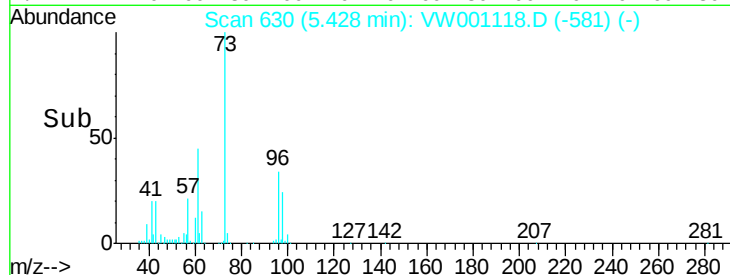
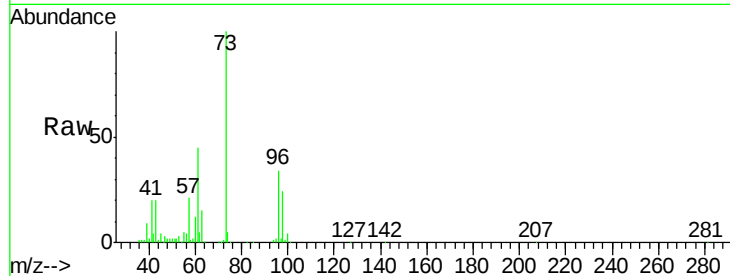
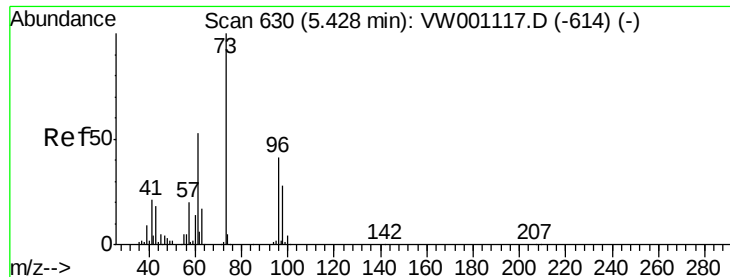
40000

20000

0

Time-->





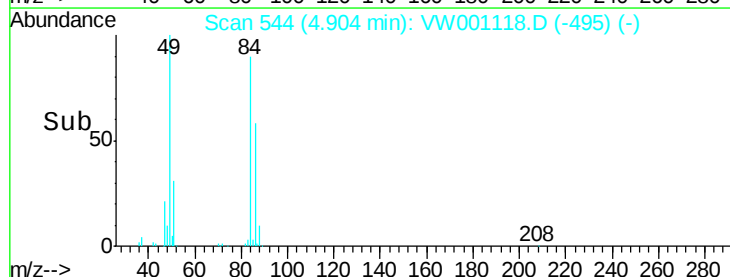
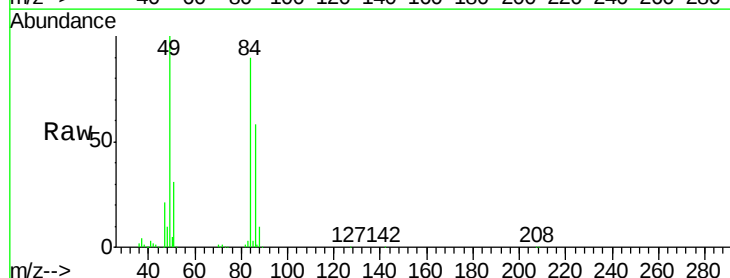
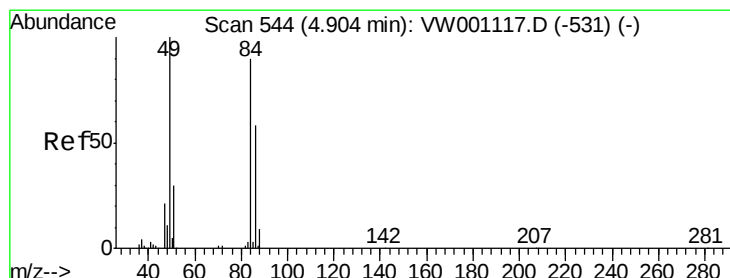
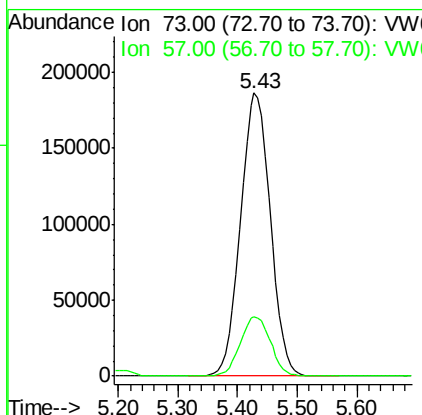
#19
Methvl tert-butvl Ether
Concen: 103.63 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tot Ion	73	57	Ratio	100	21.1	Resp	647559	Lower	16.1	Upper	24.1
Ion	73	57	Ratio	100	21.1	Resp	647559	Lower	16.1	Upper	24.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

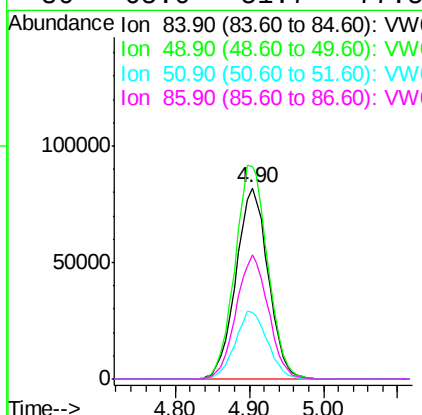
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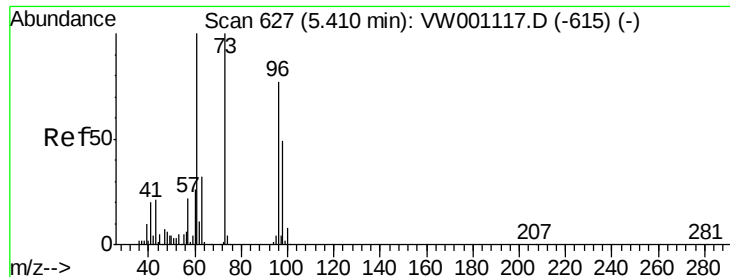
MMDadoda
1/30/2018 5:46:54 PM



#20
Methylene Chloride
Concen: 99.50 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	84	49	51	86	Ratio	100	111.5	34.6	65.0	Resp	248923	Lower	89.2	26.7	51.7	Upper	133.8	40.1	77.5
Ion	84	49	51	86	Ratio	100	111.5	34.6	65.0	Resp	248923	Lower	89.2	26.7	51.7	Upper	133.8	40.1	77.5





#21

trans-1,2-Dichloroethene

Concen: 97.14 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

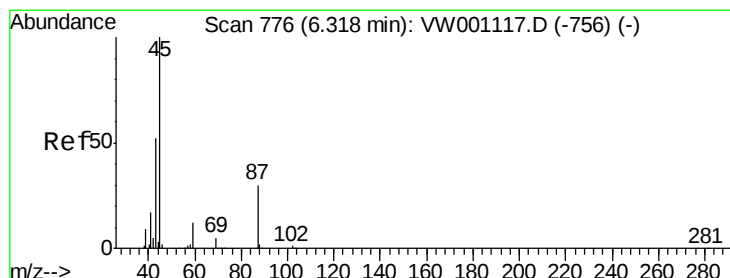
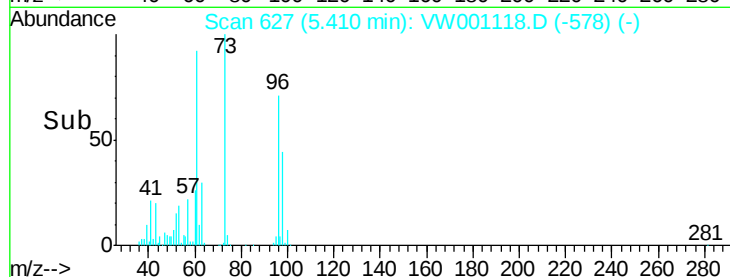
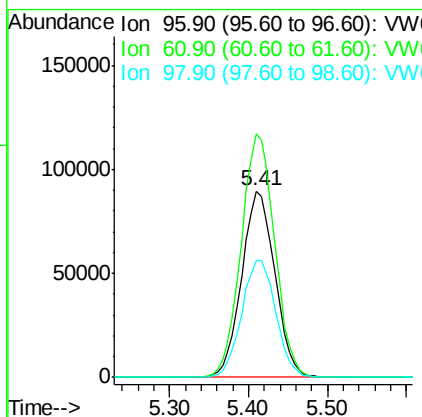
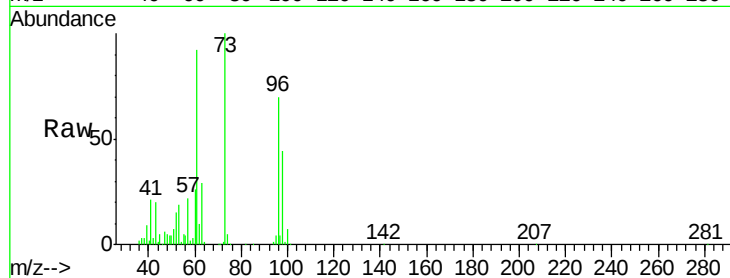
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	261937
Ion	Ratio	Lower	Upper
96	100		
61	130.6	104.6	156.8
98	62.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 99.63 ug/l

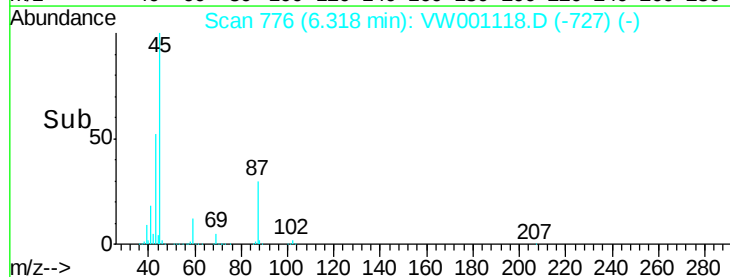
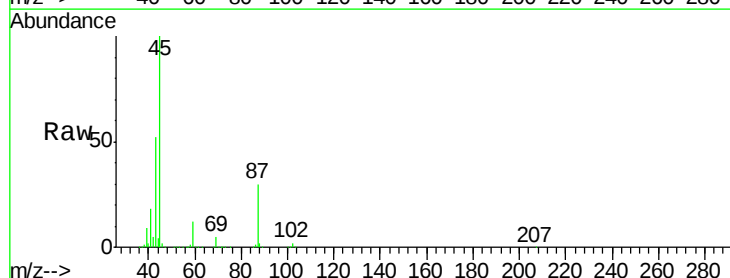
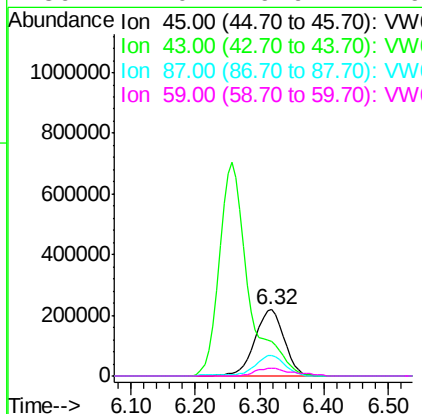
RT: 6.32 min Scan# 776

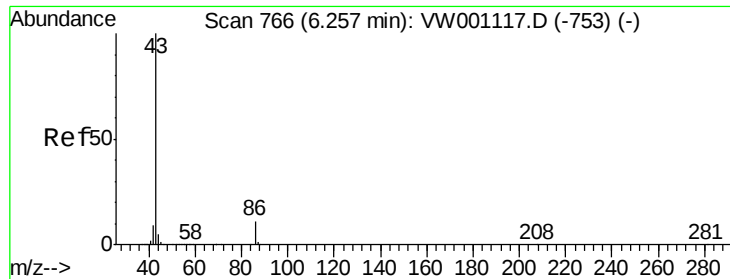
Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion:	45	Resp:	688537
Ion	Ratio	Lower	Upper
45	100		
43	51.3	41.6	62.4
87	30.5	24.5	36.7
59	12.0	9.9	14.9





#23

Vinyl Acetate

Concen: 541.29 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2241256

Ion Ratio Lower Upper

43 100

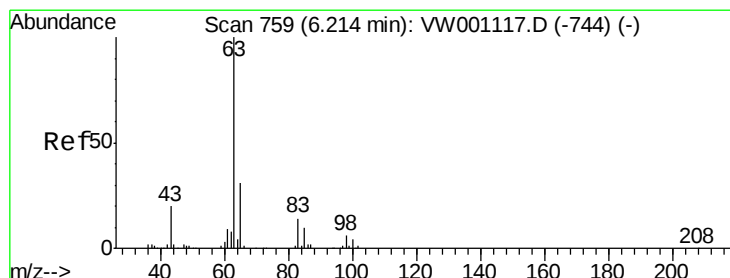
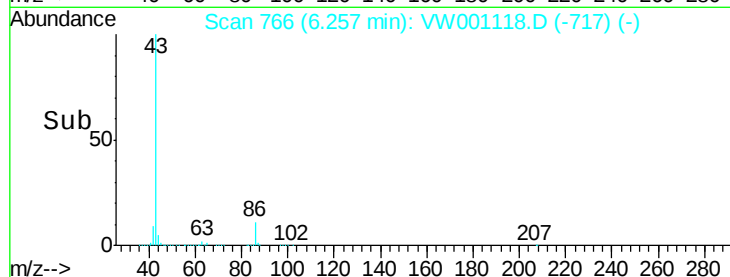
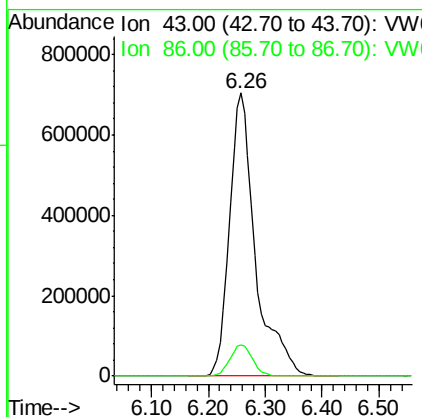
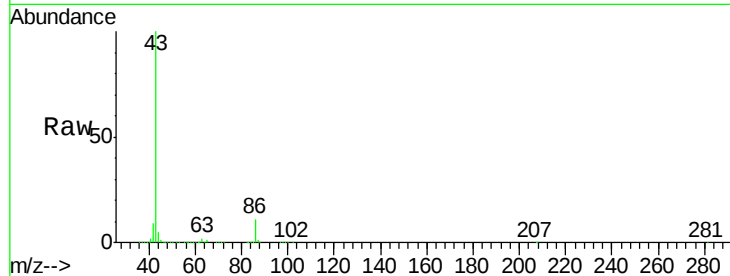
86 11.3 9.0 13.6

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1/30/2018 5:46:54 PM



#24

1,1-Dichloroethane

Concen: 96.29 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

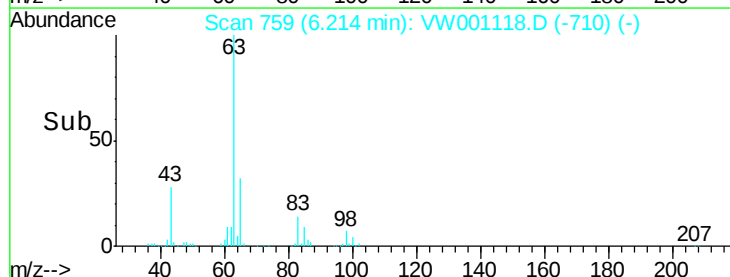
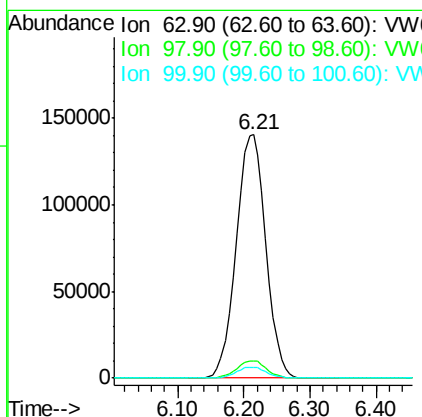
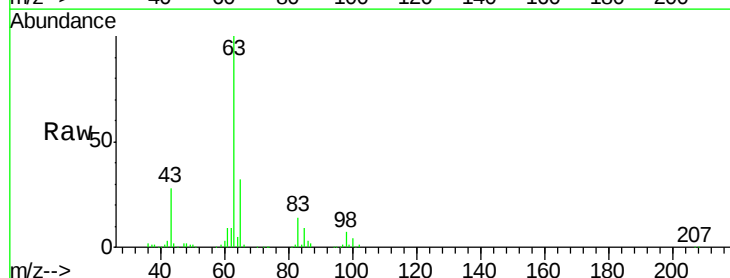
Tgt Ion: 63 Resp: 434243

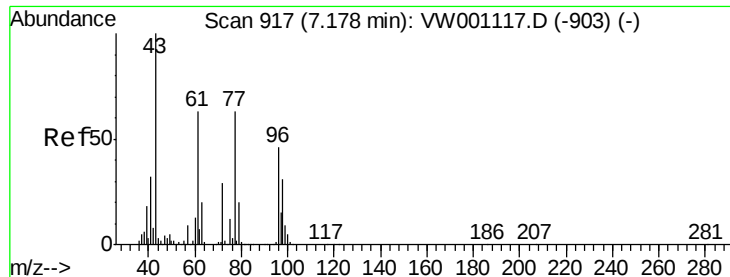
Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.2

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 545.23 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 554992

Ion Ratio Lower Upper

43 100

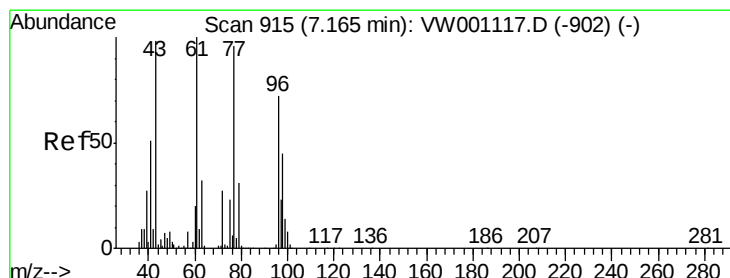
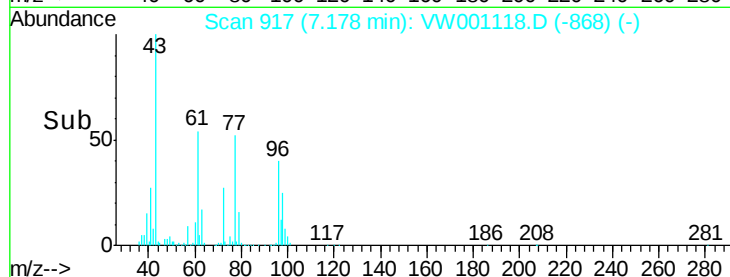
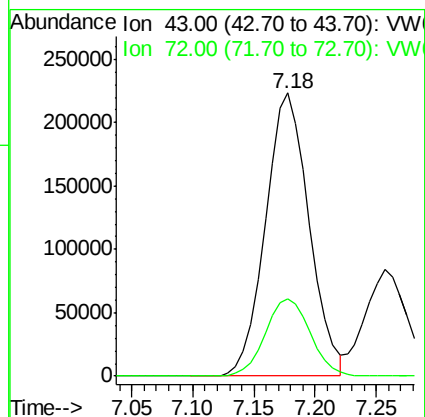
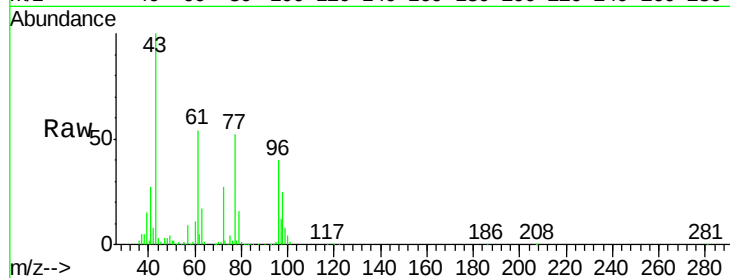
72 27.5 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 95.16 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW001118.D

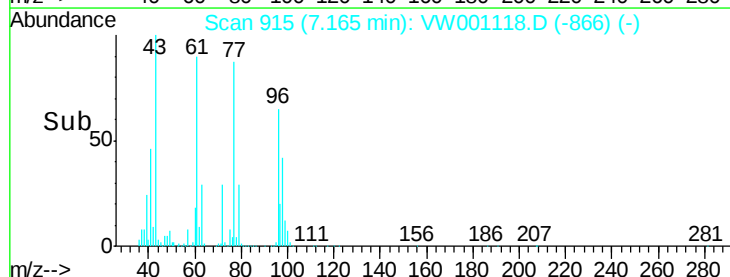
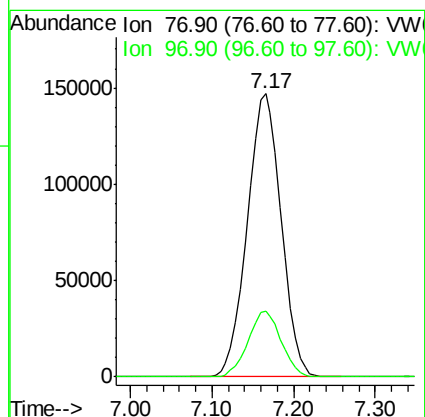
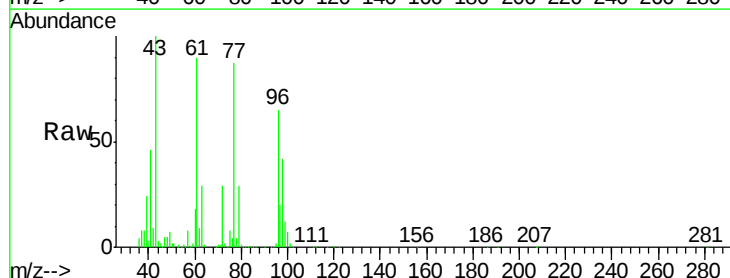
Acq: 29 Jan 2018 13:43

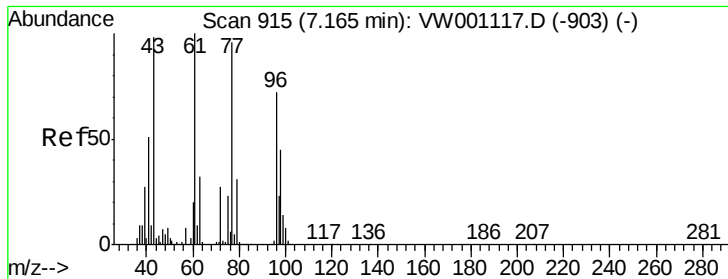
Tgt Ion: 77 Resp: 424500

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.7





#27

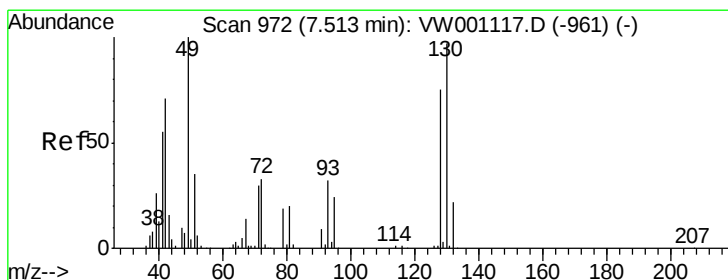
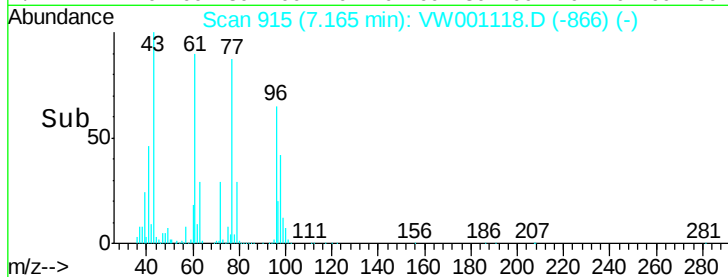
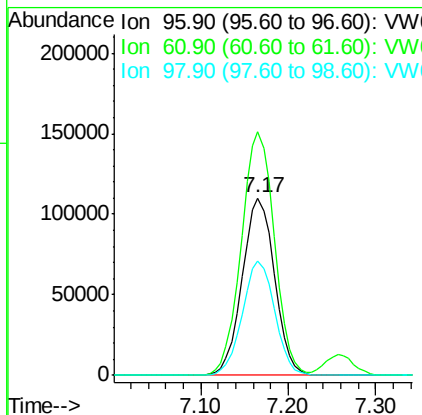
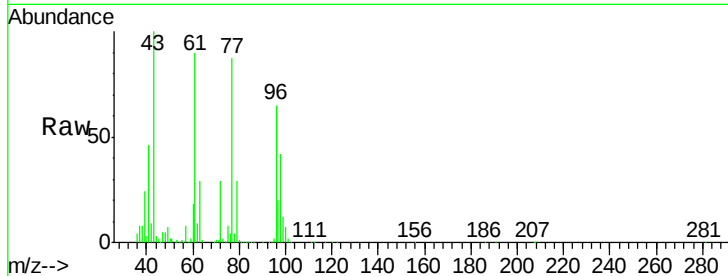
cis-1,2-Dichloroethene
Concen: 98.47 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	283236		
61	140.7		0.0	280.4
98	64.7		0.0	129.6

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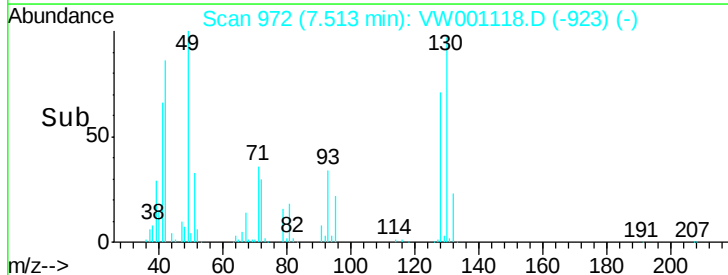
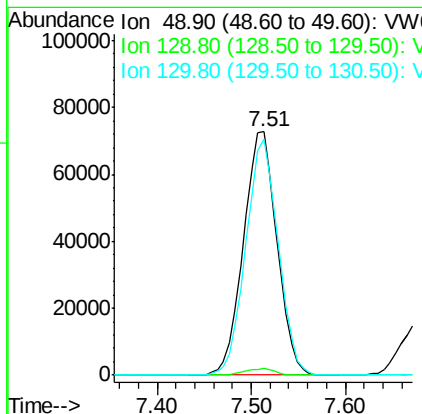
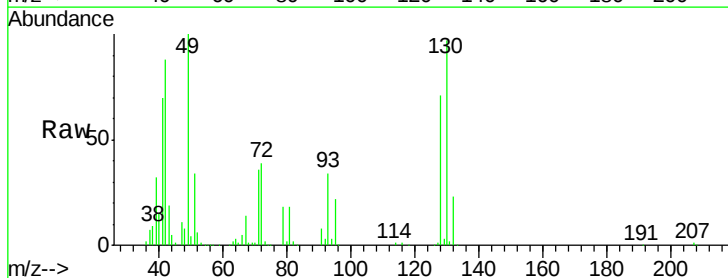
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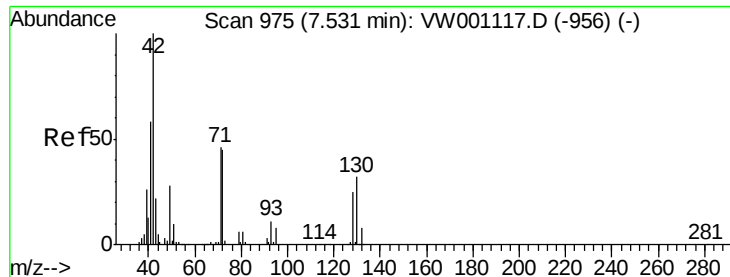


#28

Bromochloromethane
Concen: 99.12 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	181687		
129	2.3		0.0	2.6
130	93.7		75.5	113.3





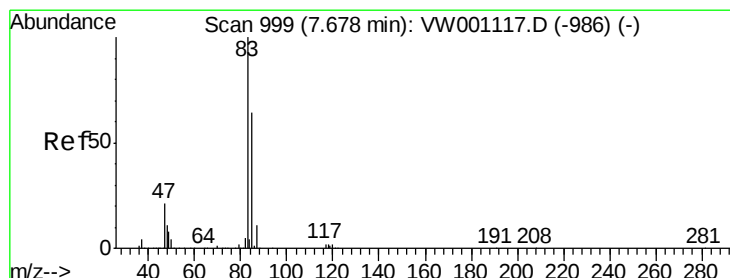
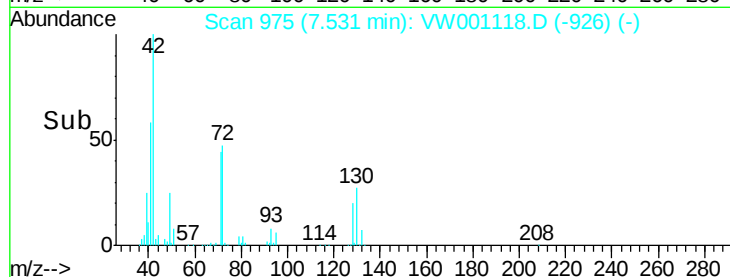
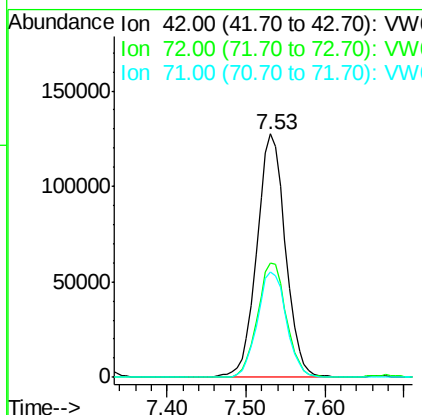
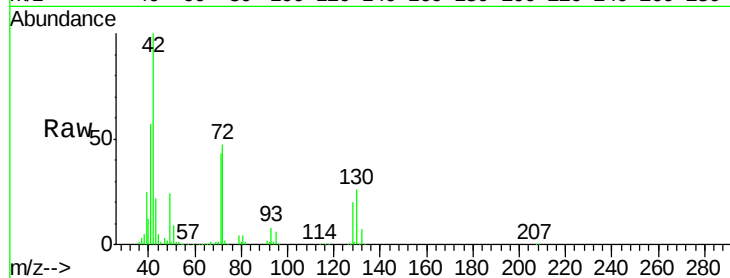
#29
Tetrahydrofuran
Concen: 552.74 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	36.8	55.2
71	43.9	35.1	52.7

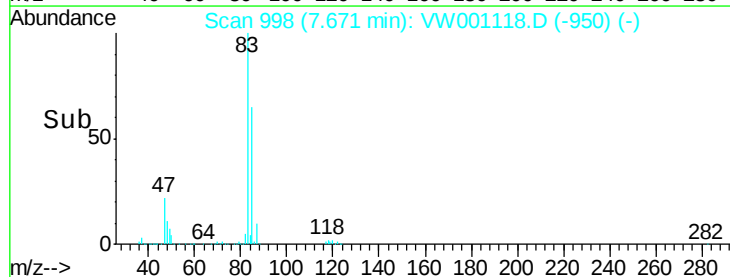
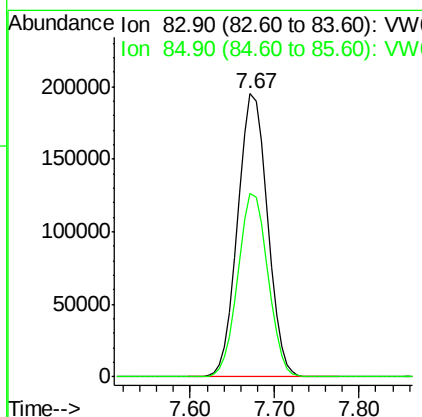
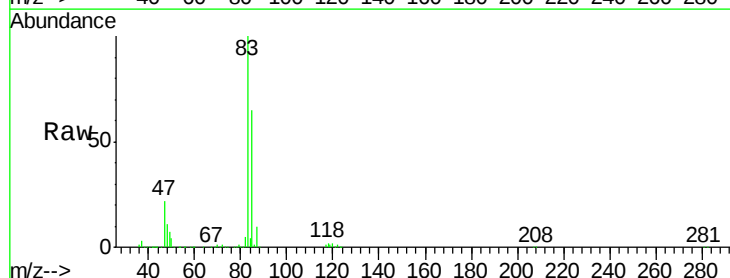
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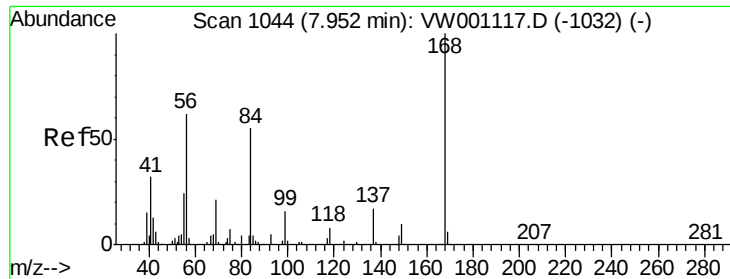
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#30
Chloroform
Concen: 95.51 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.4	77.2





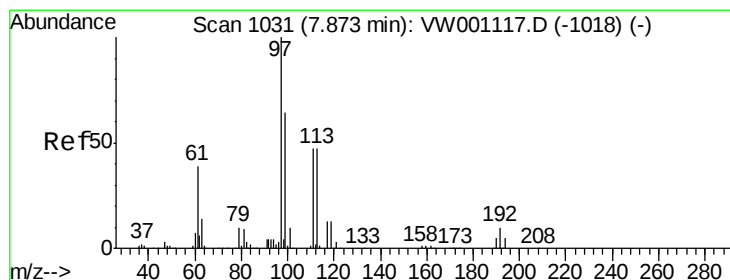
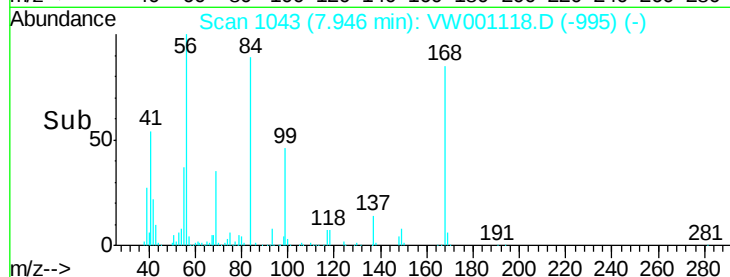
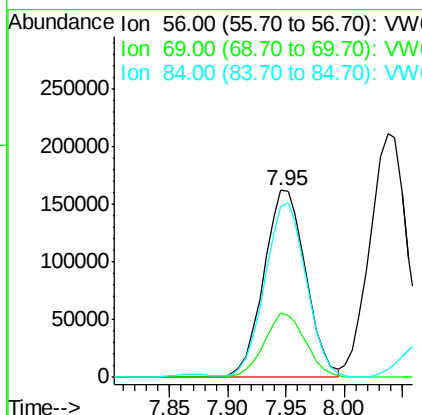
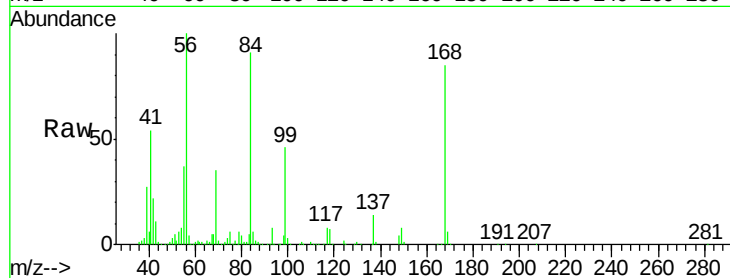
#31
Cyclohexane
Concen: 92.43 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.6	27.4	41.0
84	89.5	71.1	106.7

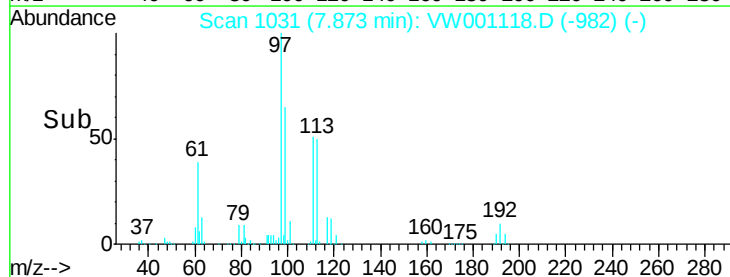
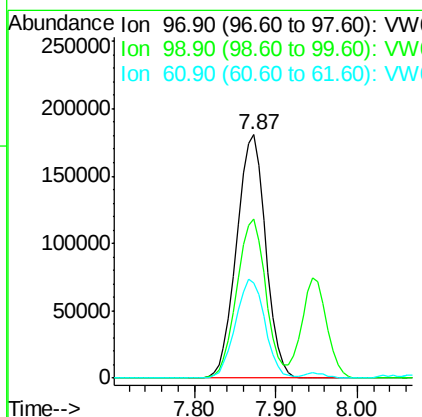
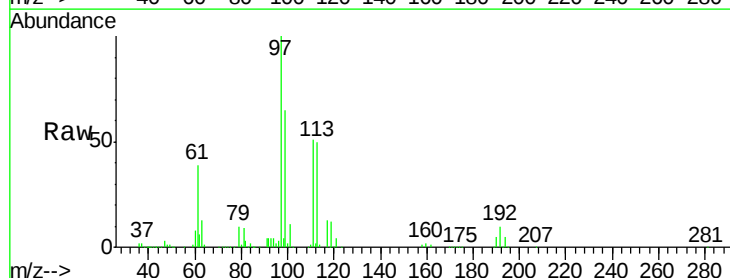
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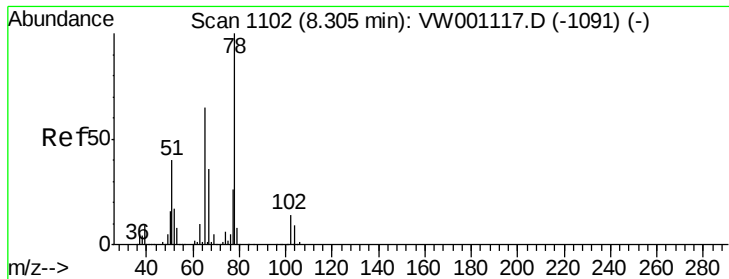
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#32
1,1,1-Trichloroethane
Concen: 96.52 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.2
61	41.0	32.4	48.6





#33

1,2-Dichloroethane-d4

Concen: 98.03 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 65 Resp: 289129

Ion Ratio Lower Upper

65 100

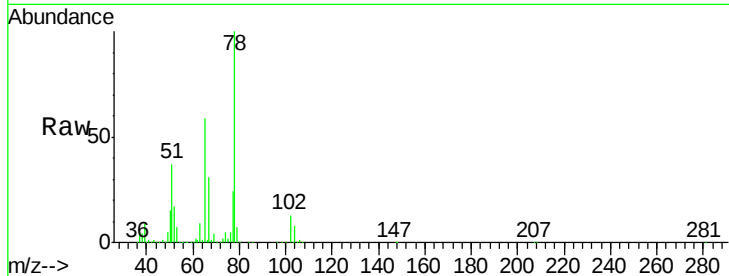
67 51.4 0.0 104.2

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

150000

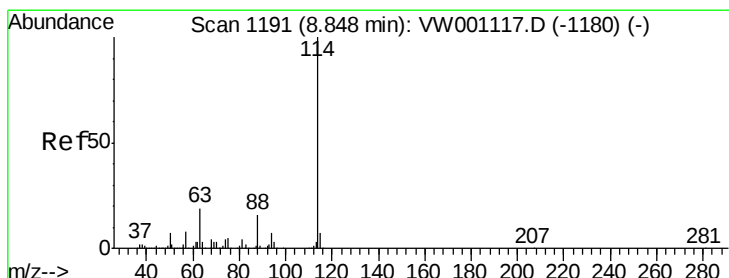
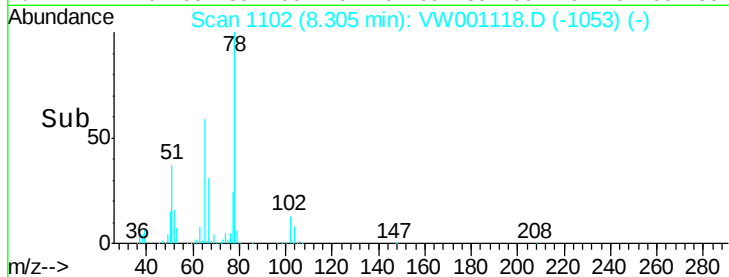
100000

50000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

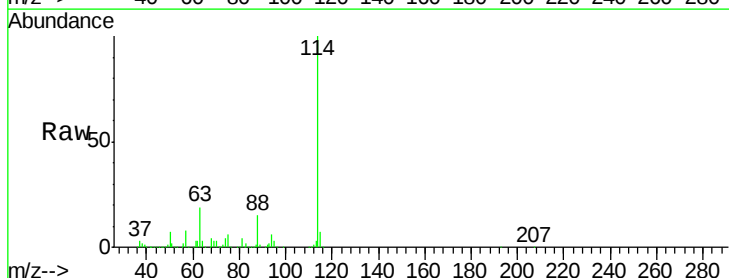
Tgt Ion: 114 Resp: 417456

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.2

88 14.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

250000

200000

150000

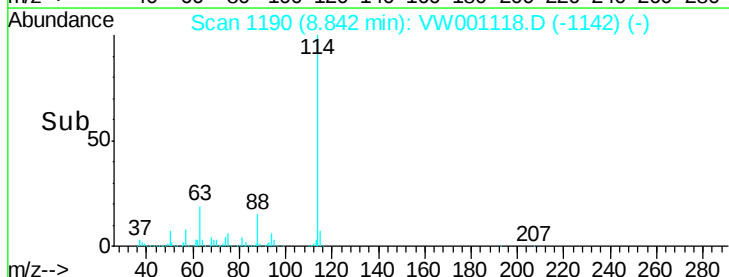
100000

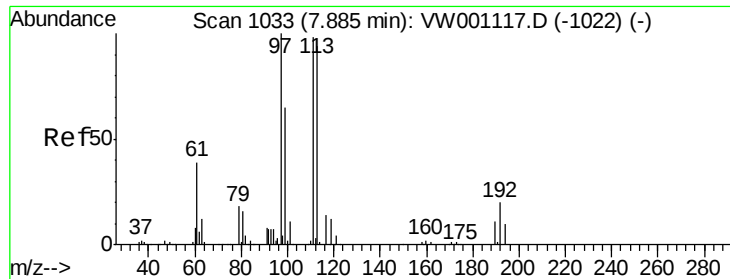
50000

0

8.80 8.90

Time-->





#35

Dibromofluoromethane

Concen: 101.88 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

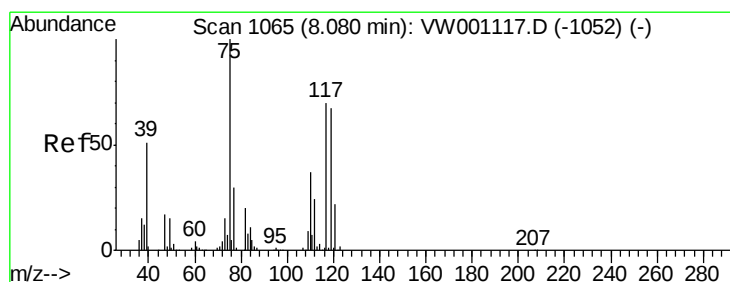
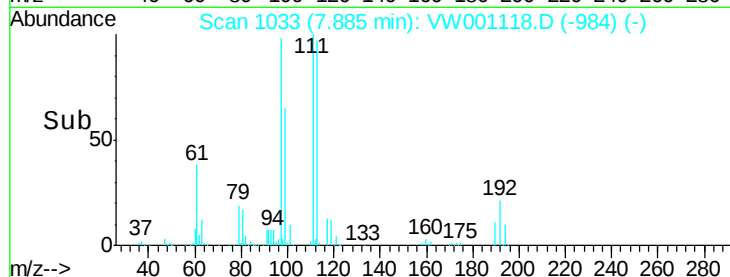
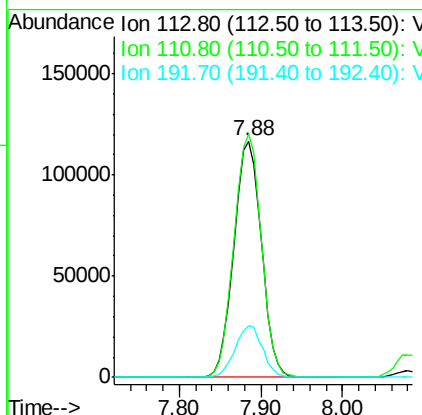
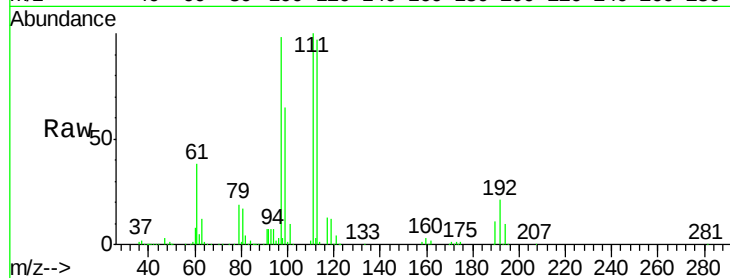
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	272051
Ion Ratio	Lower	Upper	
113	100		
111	102.2	83.1	124.7
192	21.7	17.8	26.6

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#36

1,1-Dichloropropene

Concen: 98.60 ug/l

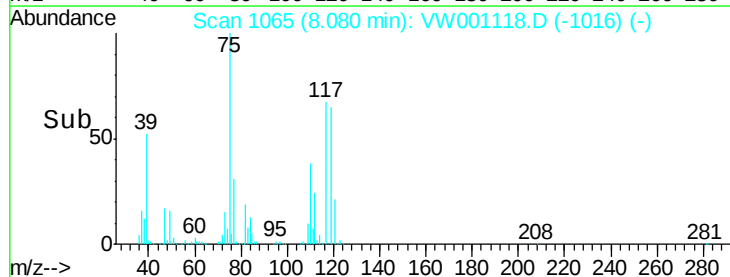
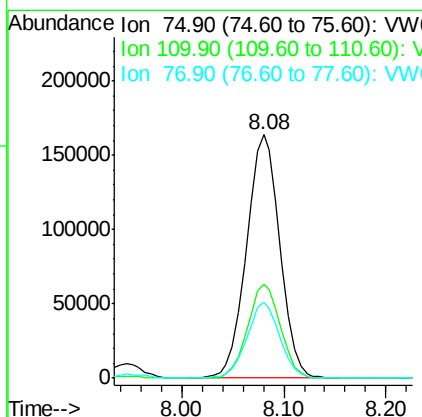
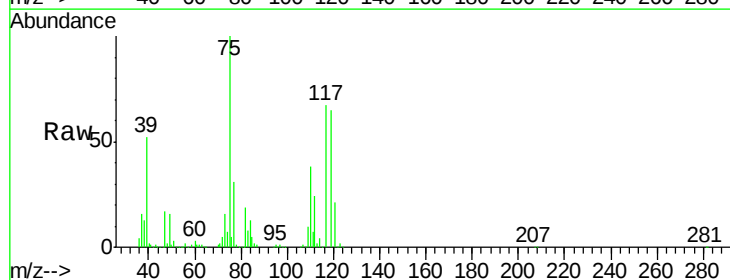
RT: 8.08 min Scan# 1065

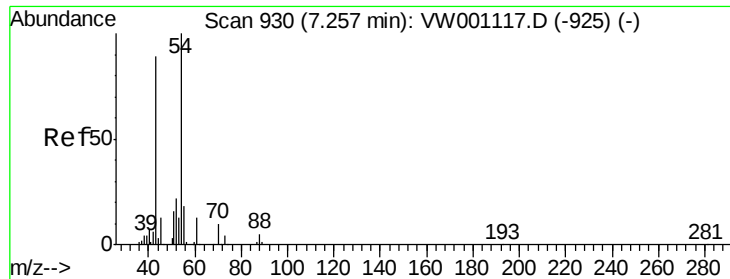
Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion:	75	Resp:	371602
Ion Ratio	Lower	Upper	
75	100		
110	38.0	18.7	56.1
77	31.1	24.6	37.0





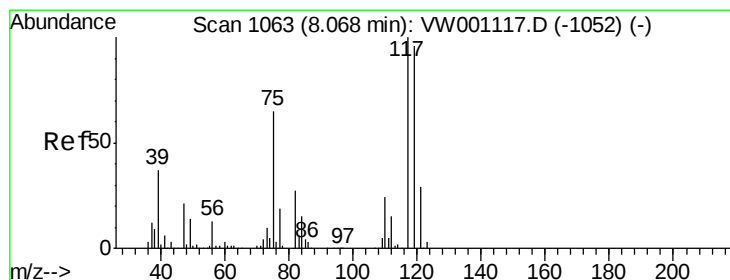
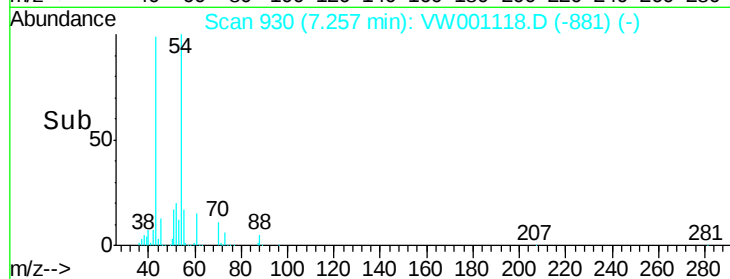
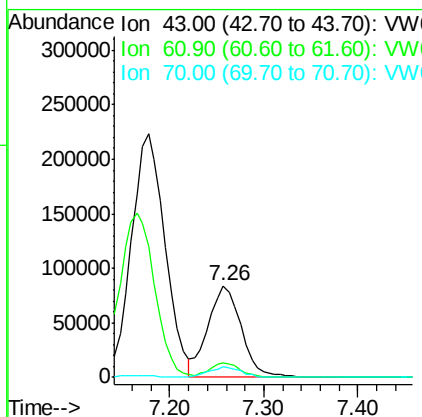
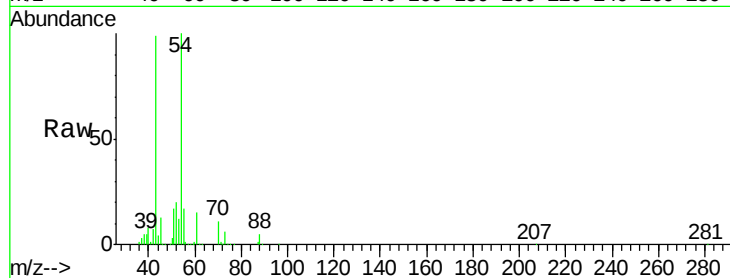
#37
Ethyl Acetate
Concen: 103.61 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	11.2	9.4	14.0

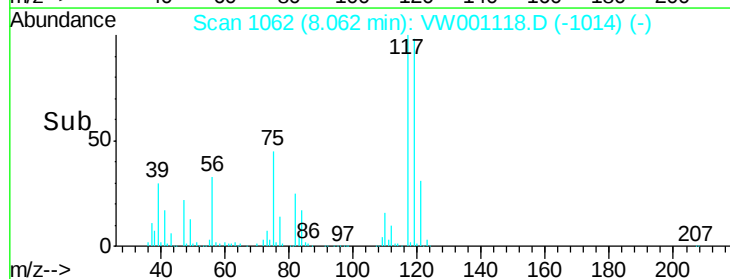
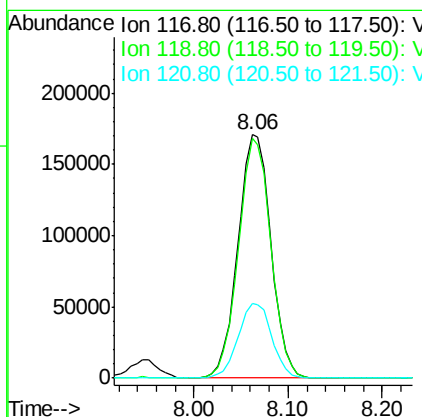
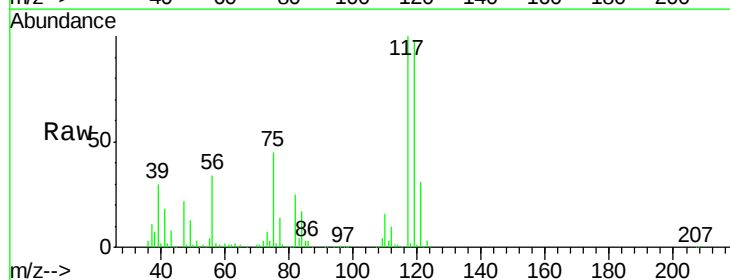
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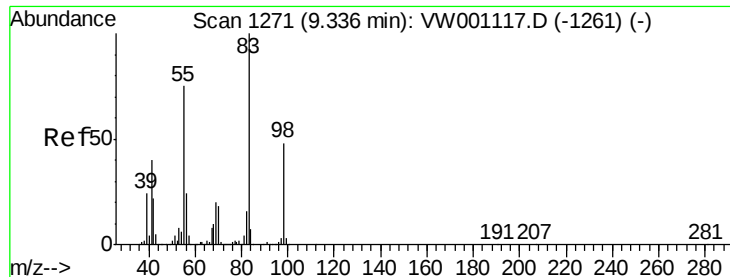
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#38
Carbon Tetrachloride
Concen: 99.29 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.0	115.4
121	30.5	23.5	35.3





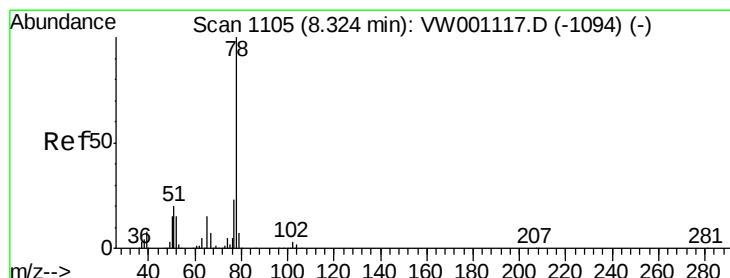
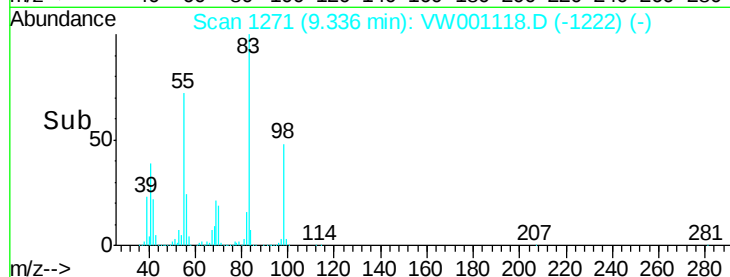
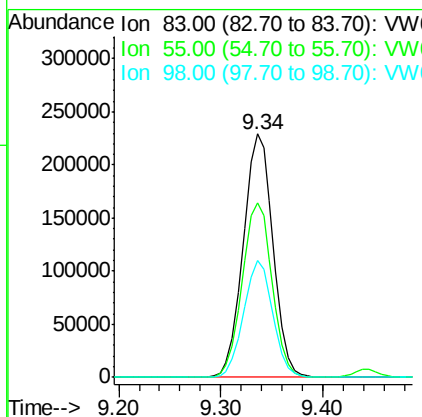
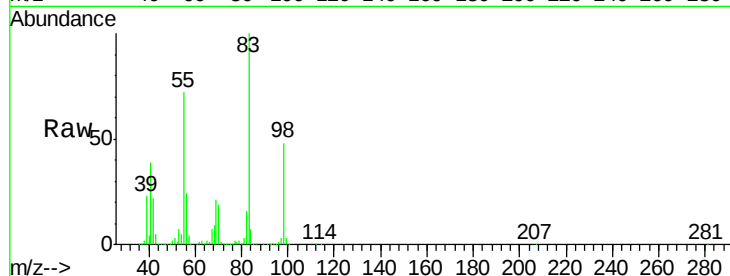
#39
Methvlcvclohexane
Concen: 104.25 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	83	Resp	463917
Ion Ratio	Lower	Upper	
83	100		
55	71.7	59.7	89.5
98	48.1	38.0	57.0

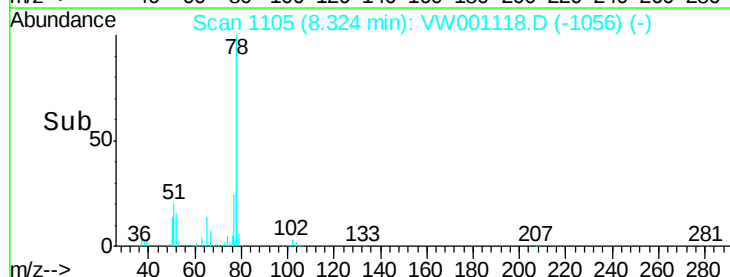
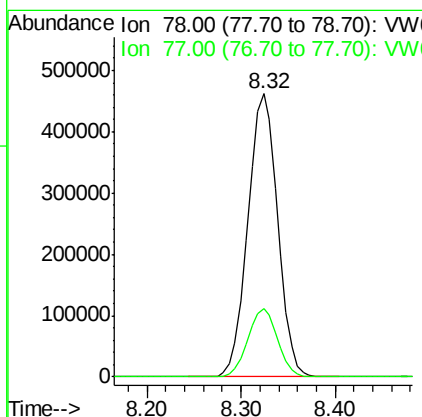
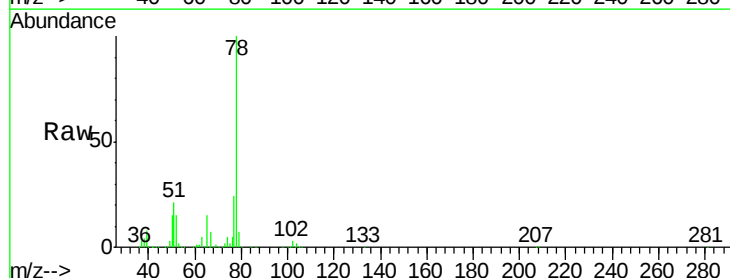
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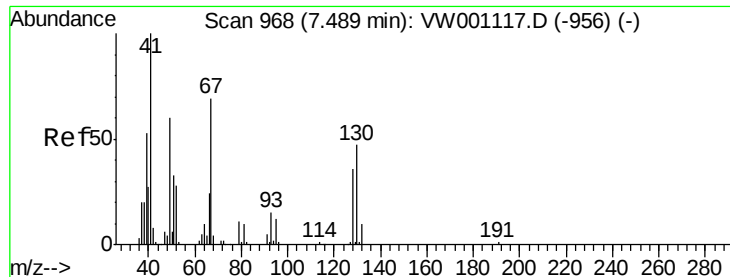
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#40
Benzene
Concen: 97.32 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	78	Resp	1015583
Ion Ratio	Lower	Upper	
78	100		
77	24.3	18.6	28.0





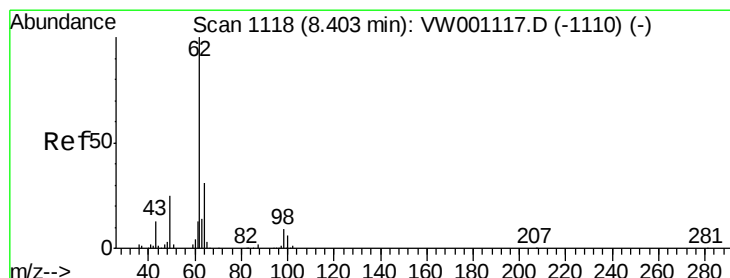
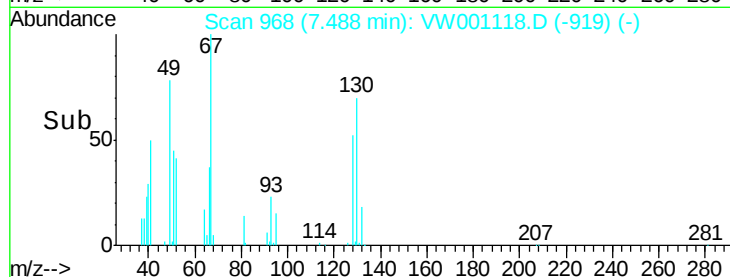
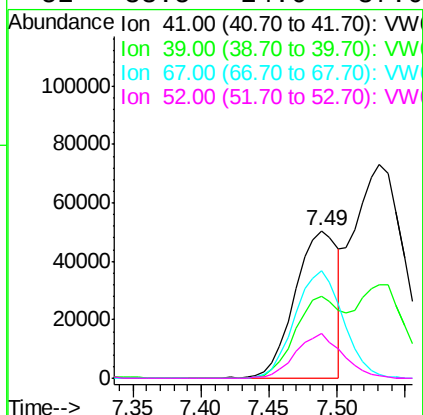
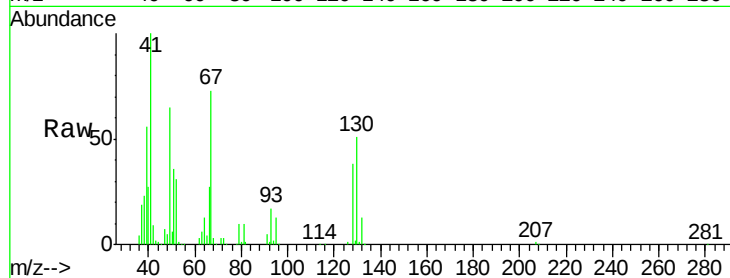
#41
Methacrylonitrile
Concen: 99.96 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.9	48.8	73.2
67	82.3	59.6	89.4
52	33.5	24.6	37.0

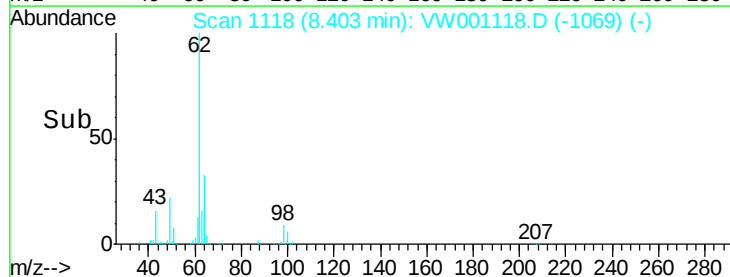
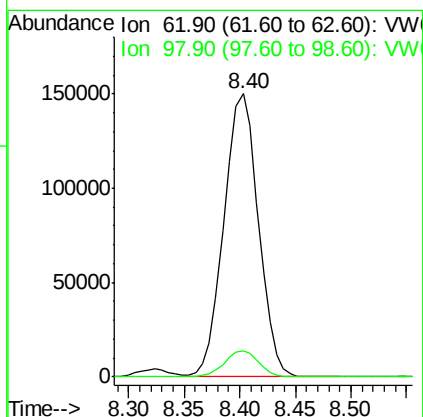
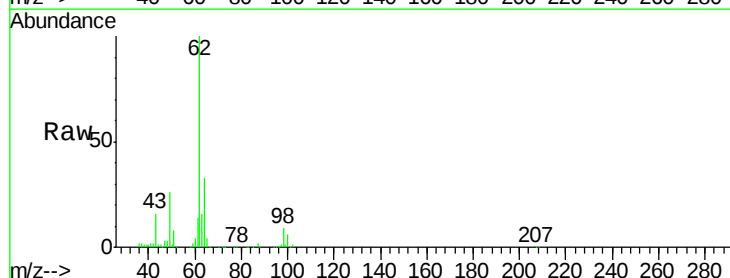
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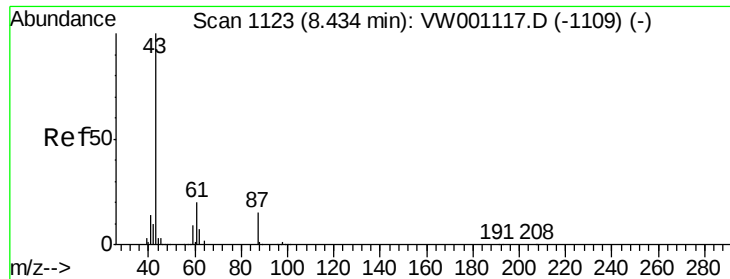
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#42
1,2-Dichloroethane
Concen: 98.40 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8





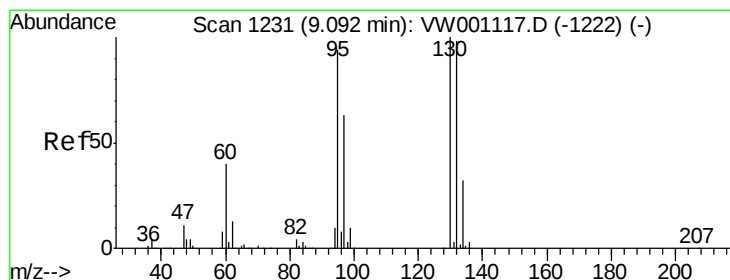
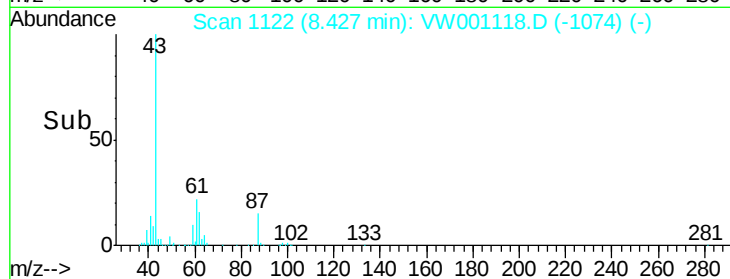
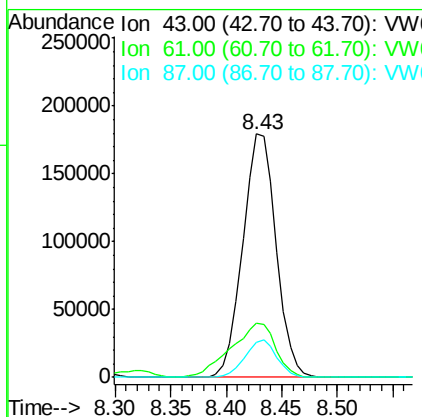
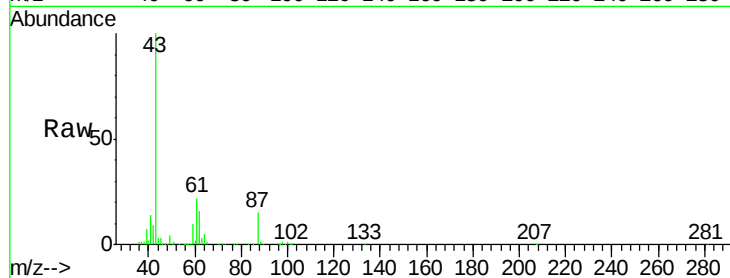
#43
Isopropyl Acetate
Concen: 108.81 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.9	35.9
87	14.7	12.0	18.0

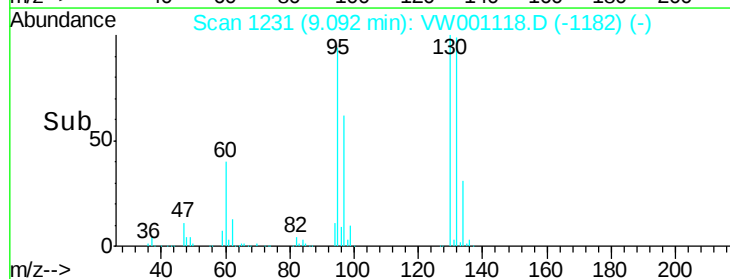
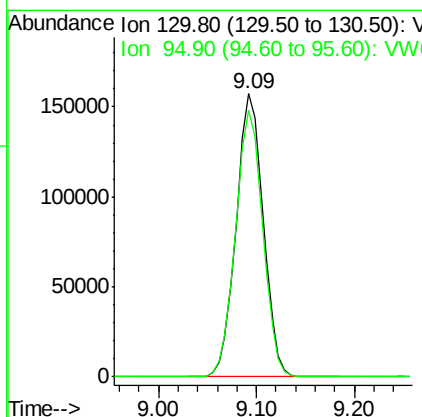
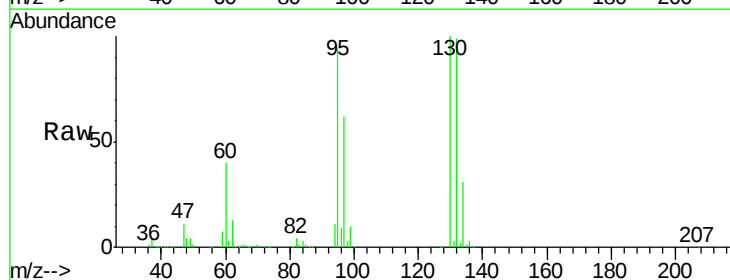
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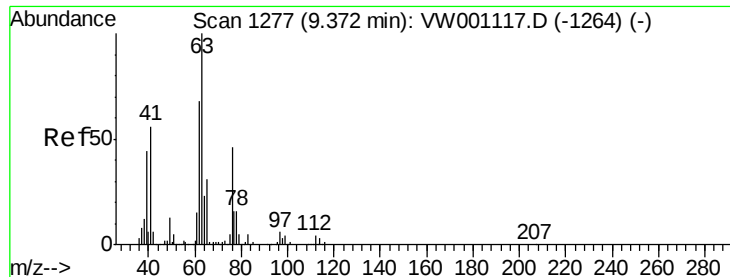
MMDadoda
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#44
Trichloroethene
Concen: 96.83 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	189.0





#45

1,2-Dichloropropane

Concen: 98.83 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 63 Resp: 248334

Ion Ratio Lower Upper

63 100

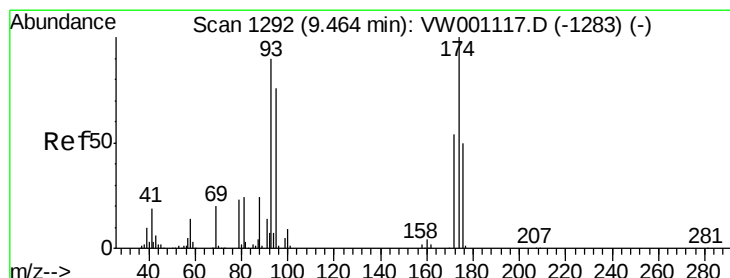
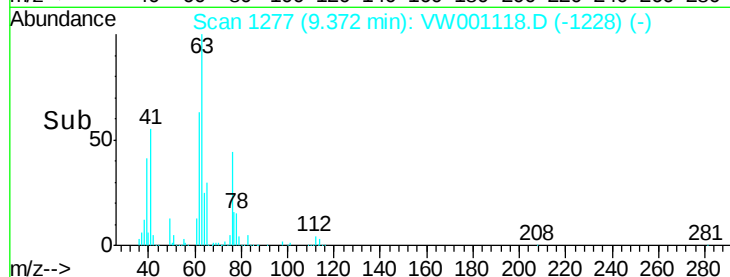
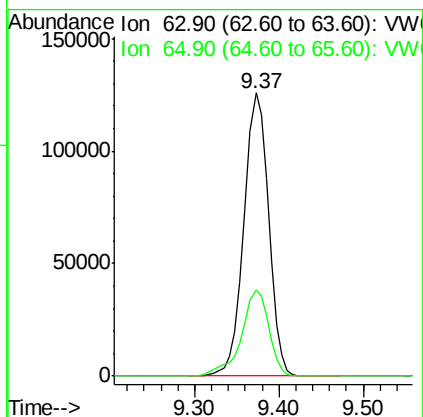
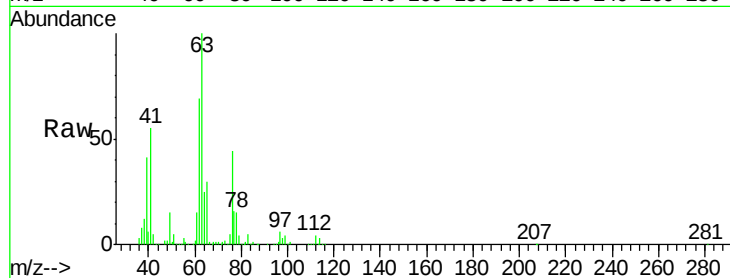
65 30.3 25.0 37.4

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#46

Dibromomethane

Concen: 100.52 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

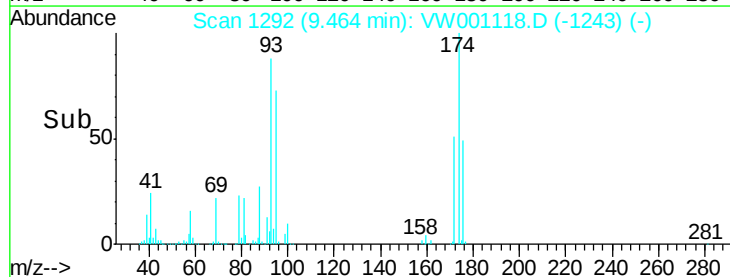
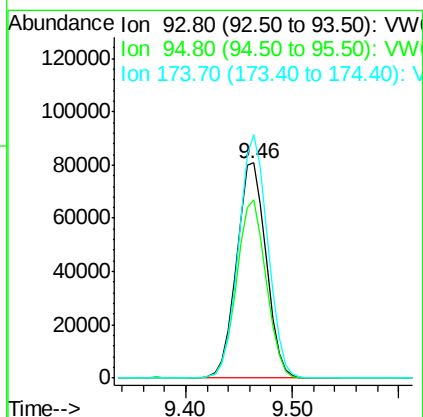
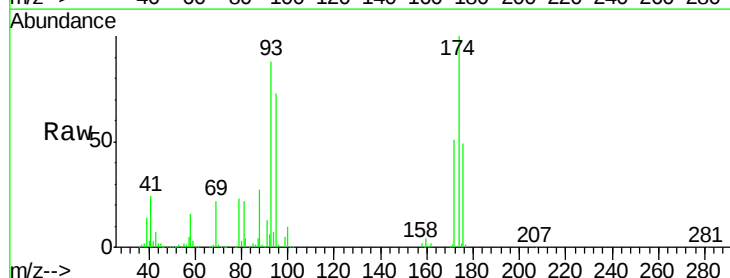
Tgt Ion: 93 Resp: 157950

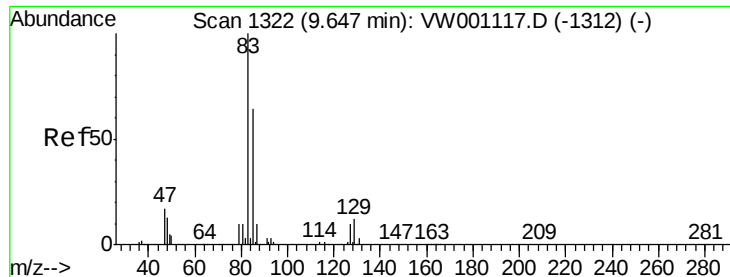
Ion Ratio Lower Upper

93 100

95 82.6 66.5 99.7

174 111.7 89.5 134.3





#47

Bromodichloromethane

Concen: 99.69 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

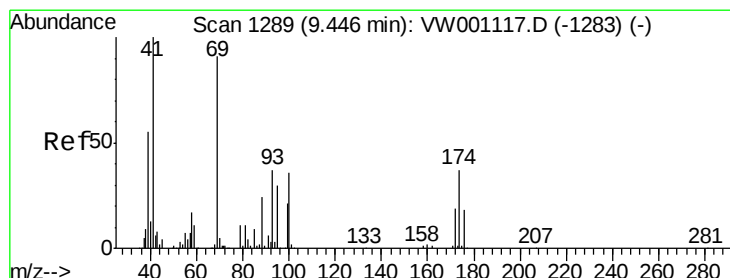
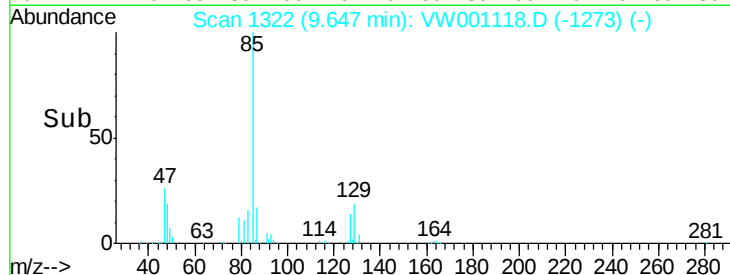
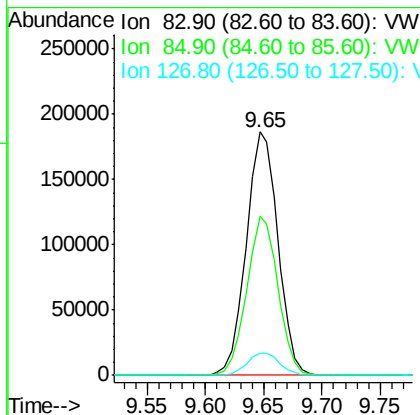
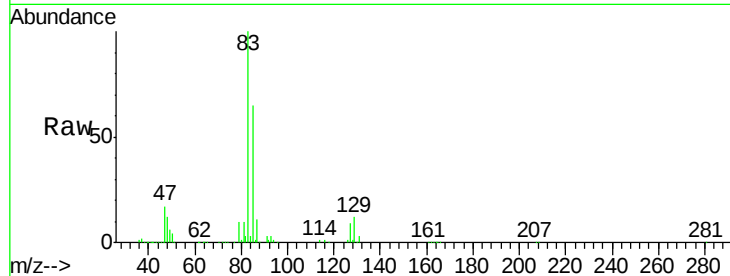
ClientSampleId :

VSTDICC100

Tot Ion:	83	Resp:	354421
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.5	77.3
127	9.2	7.6	11.4

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#48

Methyl methacrylate

Concen: 111.69 ug/l

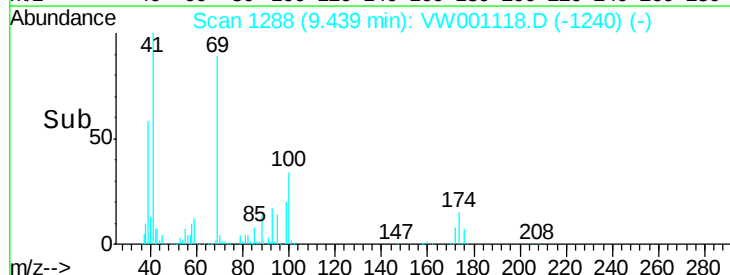
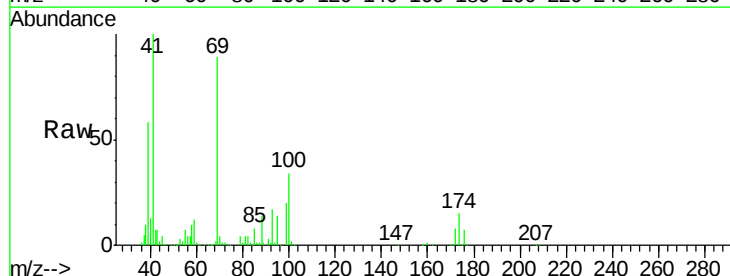
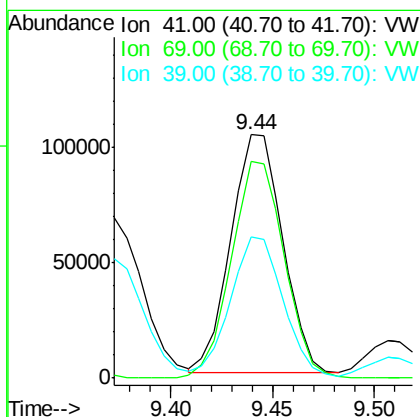
RT: 9.44 min Scan# 1288

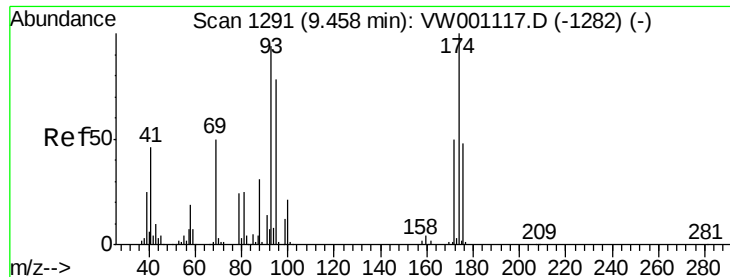
Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion:	41	Resp:	183000
Ion Ratio	Lower	Upper	
41	100		
69	93.1	74.9	112.3
39	60.5	47.6	71.4





#49

1,4-Dioxane

Concen: 2254.95 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

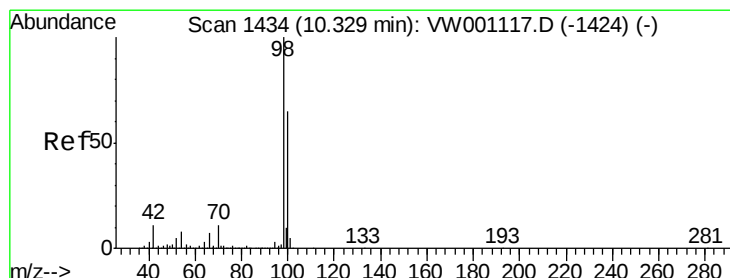
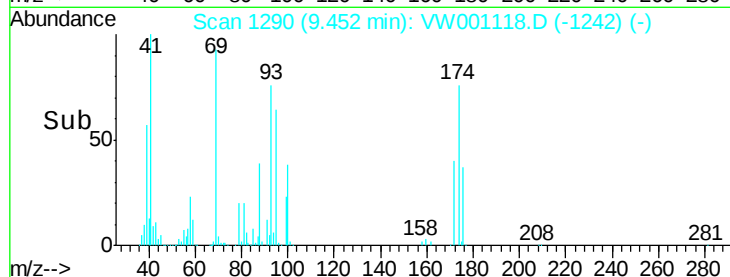
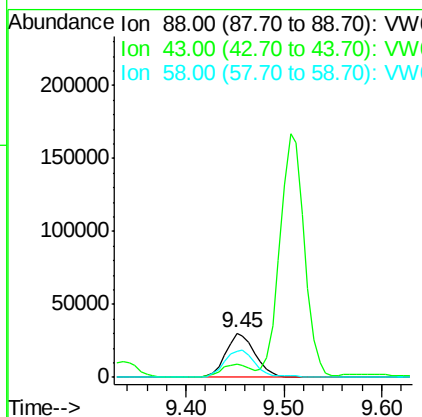
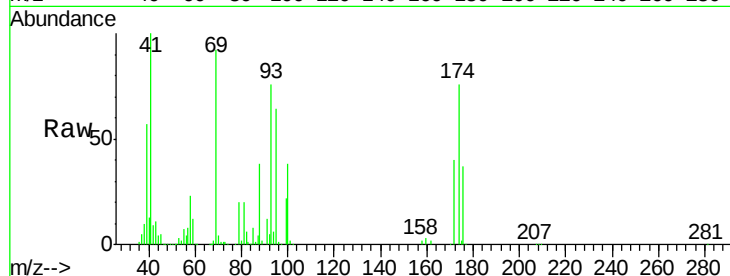
ClientSampleId :

VSTDIC100

Tot Ion:	88	Resp:	63139
Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.0	34.6
58	65.6	53.9	80.9

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#50

Toluene-d8

Concen: 100.43 ug/l

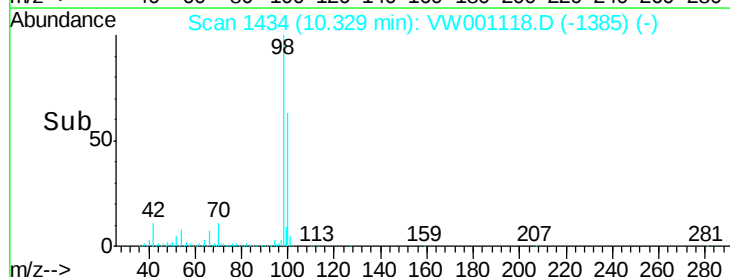
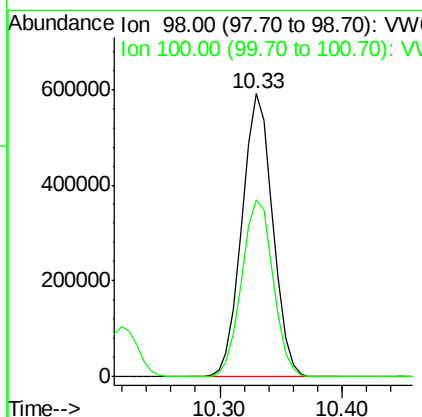
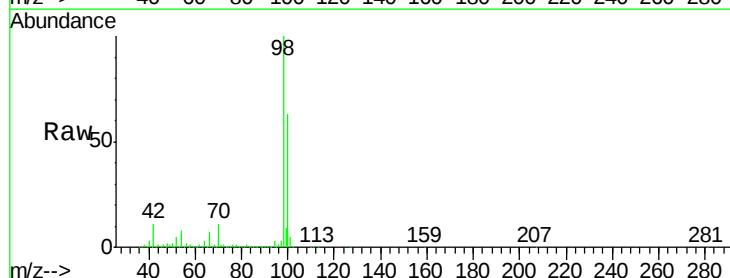
RT: 10.33 min Scan# 1434

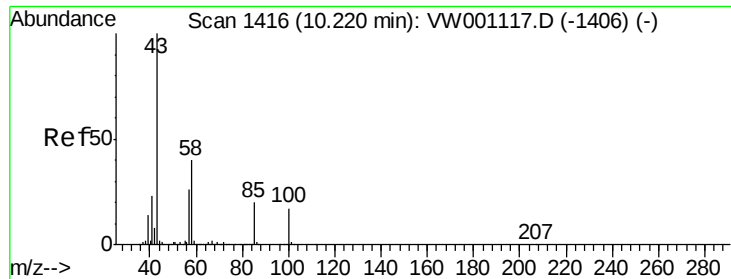
Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion:	98	Resp:	1032194
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 562.90 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1054285

Ion Ratio Lower Upper

43 100

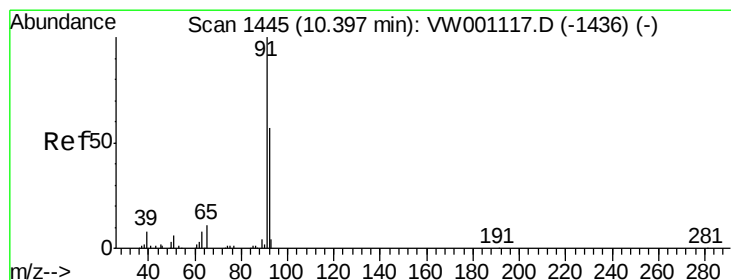
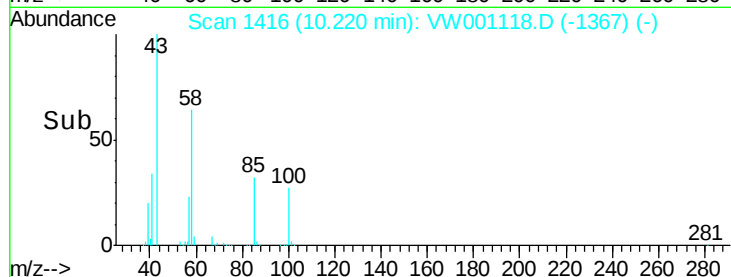
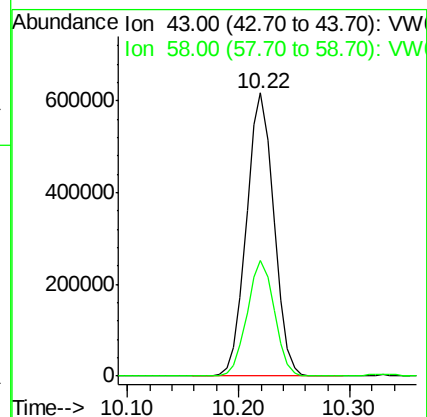
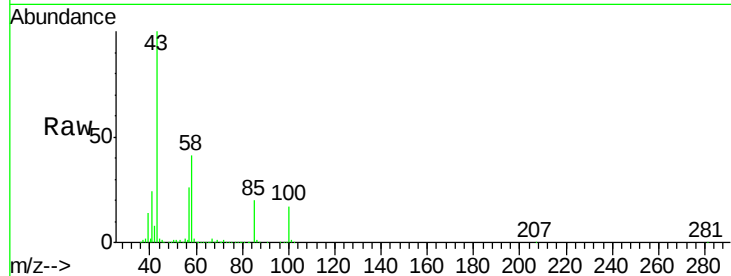
58 40.5 32.1 48.1

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#52

Toluene

Concen: 99.32 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW001118.D

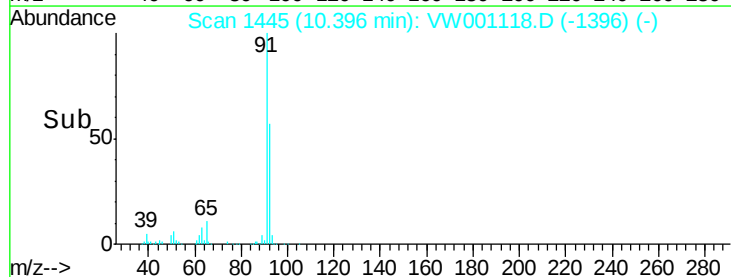
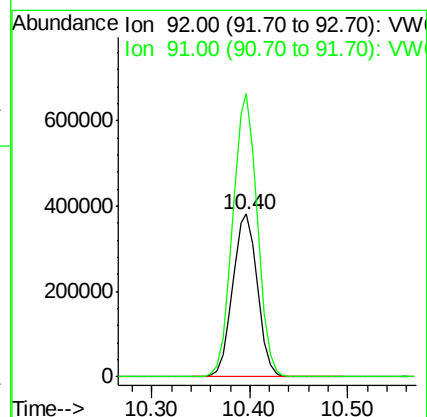
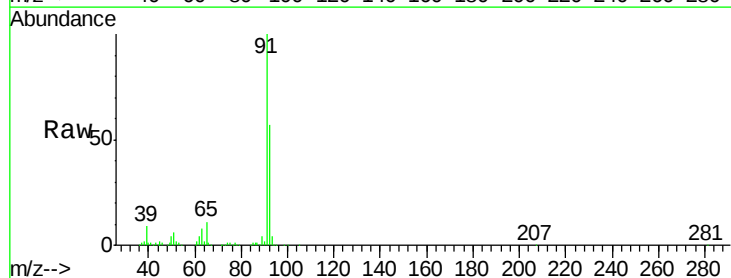
Acq: 29 Jan 2018 13:43

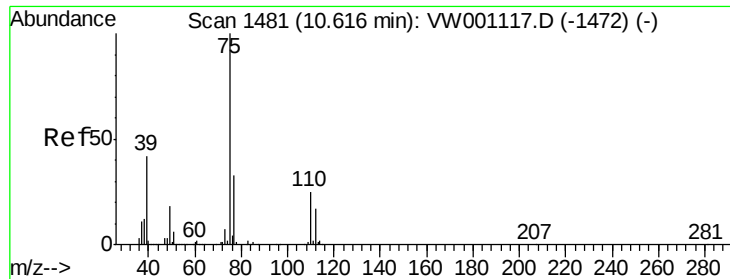
Tgt Ion: 92 Resp: 665485

Ion Ratio Lower Upper

92 100

91 172.7 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 105.97 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 75 Resp: 380136

Ion Ratio Lower Upper

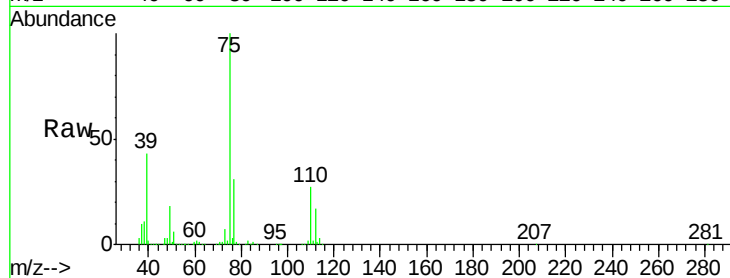
75 100

77 30.9 26.0 39.0

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.62

250000

200000

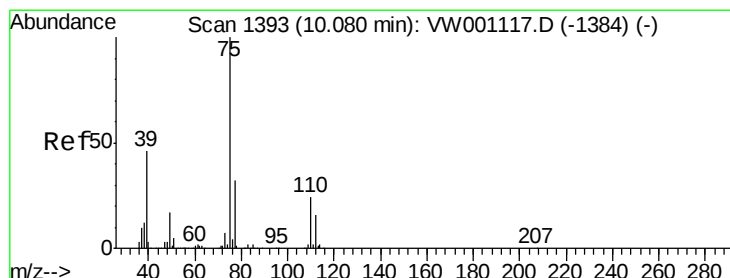
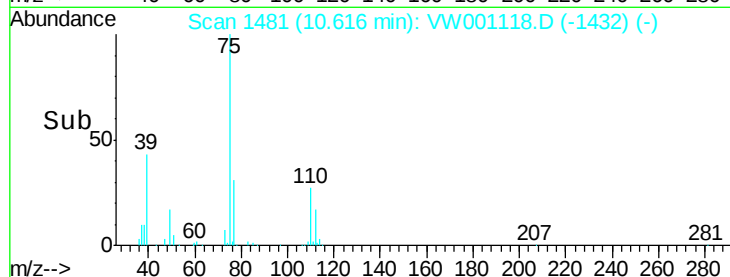
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 101.95 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

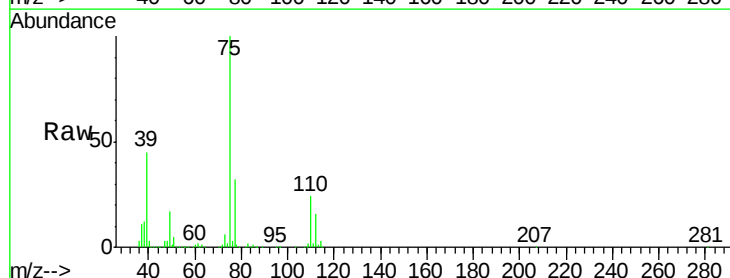
Tgt Ion: 75 Resp: 408288

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 45.0 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

300000

250000

200000

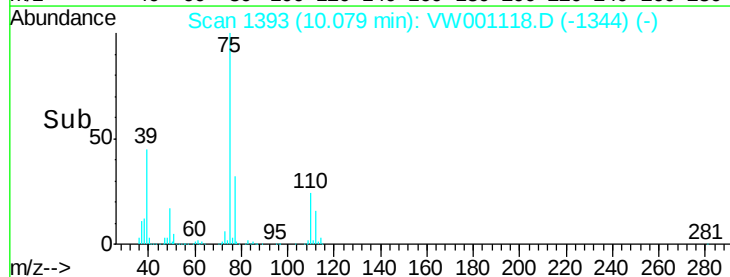
150000

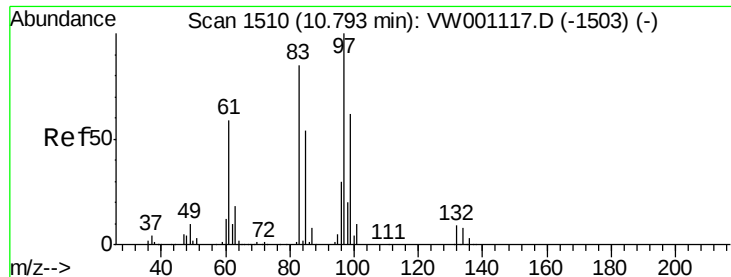
100000

50000

0

Time--> 10.00 10.10





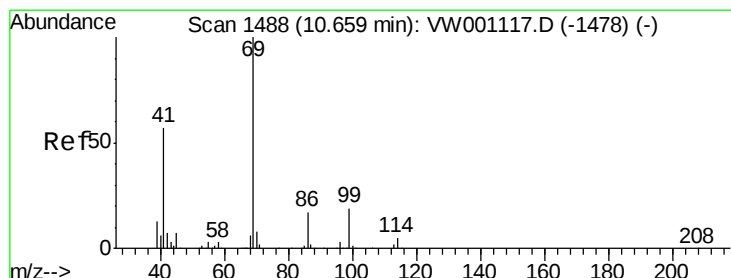
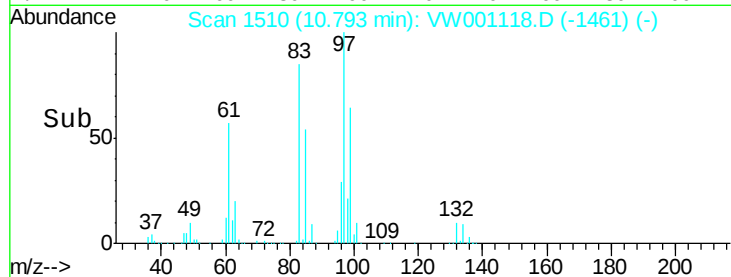
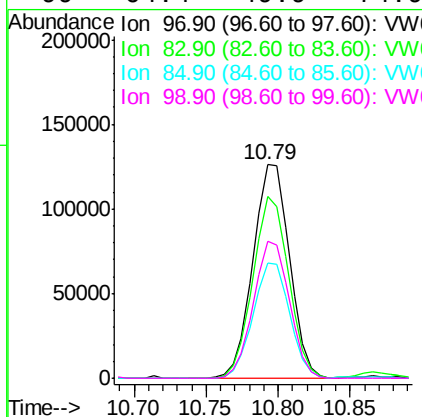
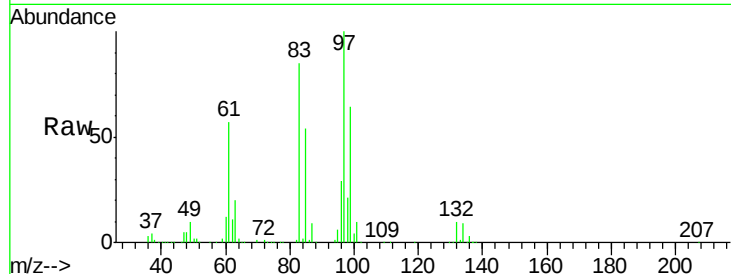
#55
 1,1,2-Trichloroethane
 Concen: 99.08 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
97	100	221951		
83	84.9	67.7	101.5	
85	53.8	43.0	64.6	
99	64.4	49.9	74.9	

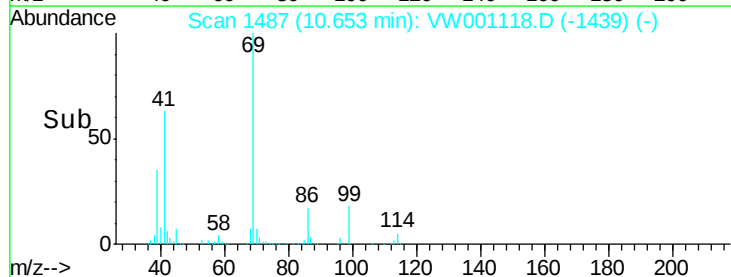
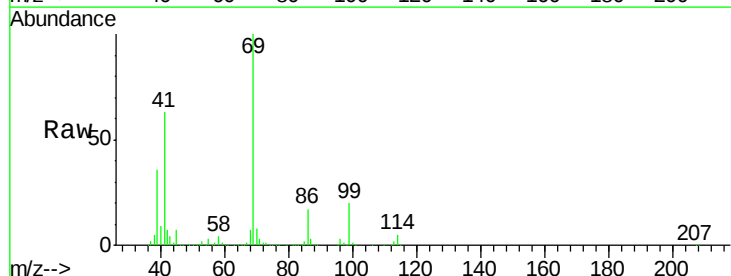
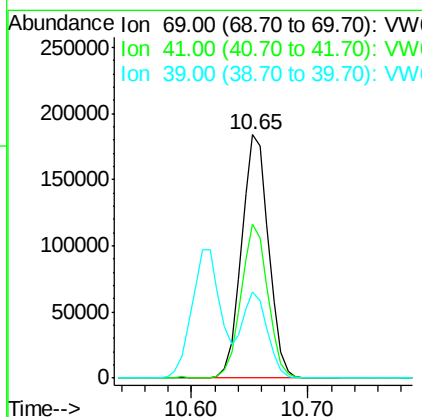
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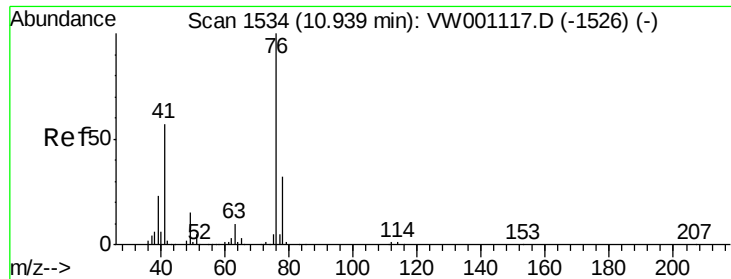
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#56
 Ethyl methacrylate
 Concen: 113.10 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	297010		
41	62.4	50.6	75.8	
39	33.7	27.5	41.3	





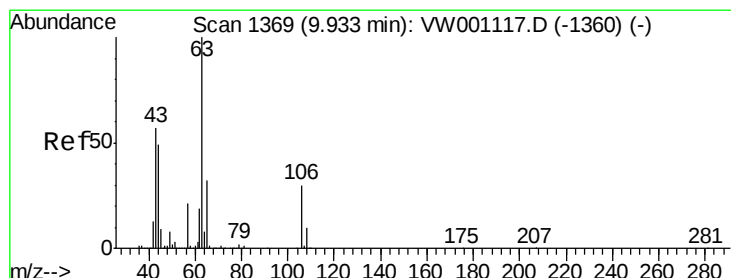
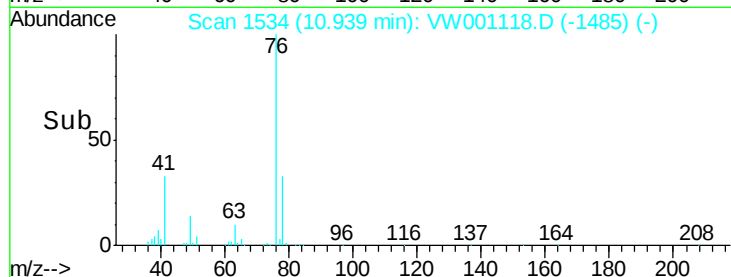
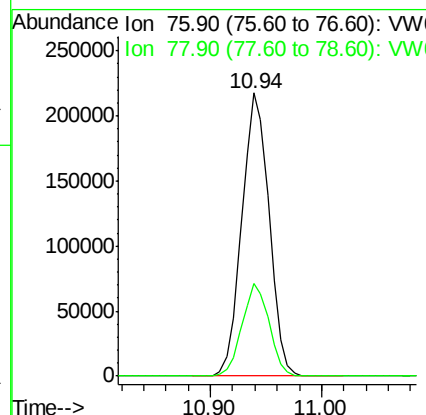
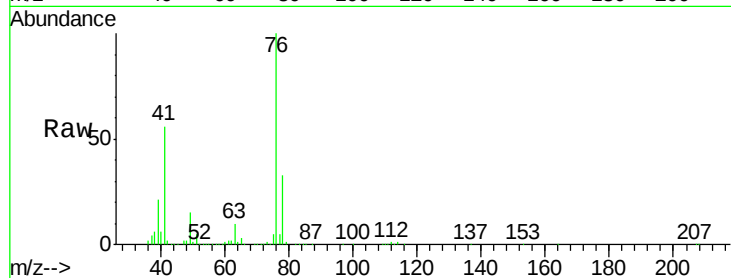
#57
 1,3-Dichloropropane
 Concen: 101.02 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.7	38.5

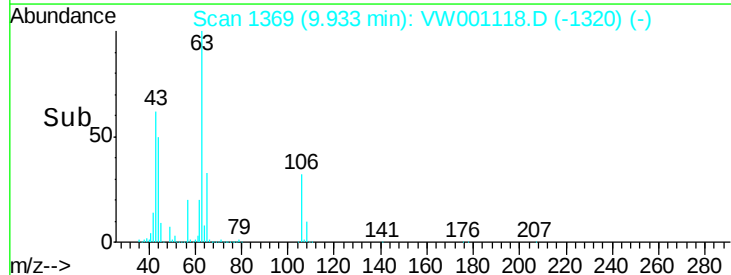
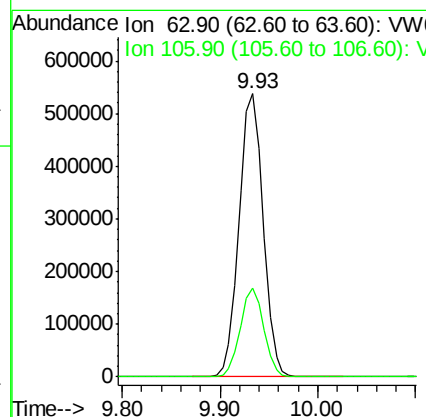
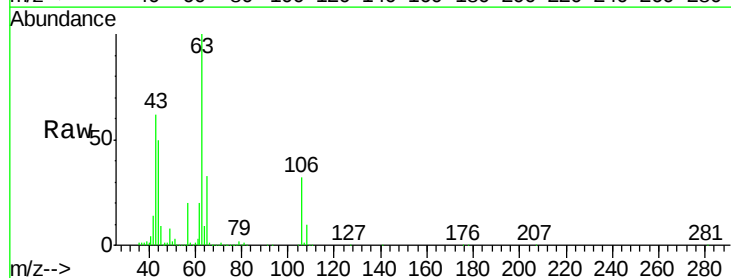
Manual Integrations
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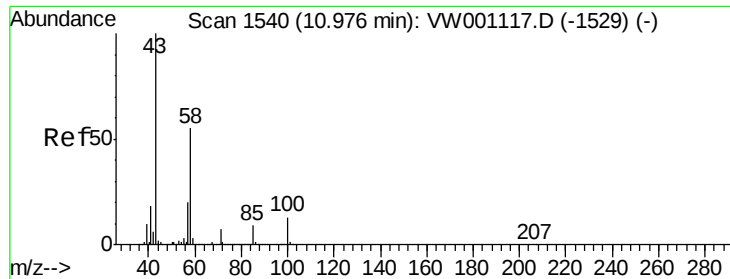
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#58
 2-Chloroethyl Vinyl ether
 Concen: 500.59 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.2	36.4





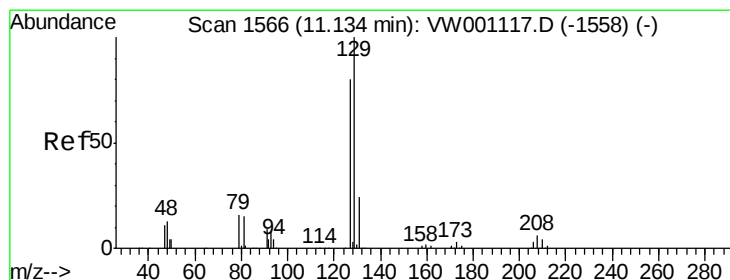
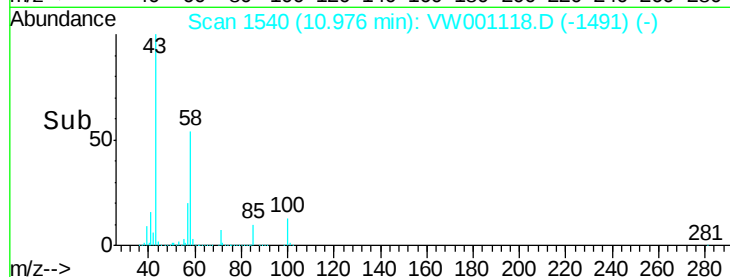
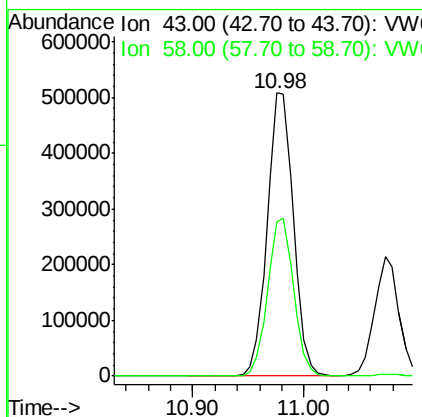
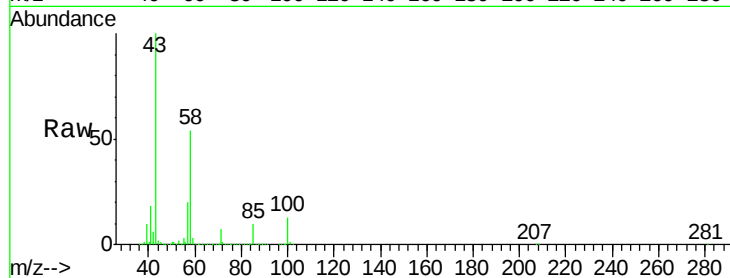
#59
2-Hexanone
Concen: 588.64 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 834087
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.0

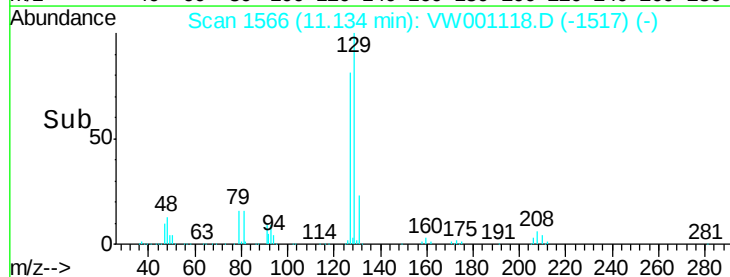
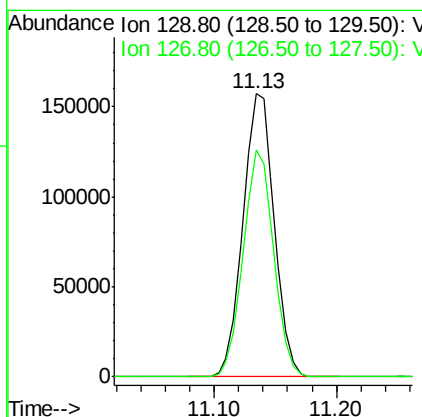
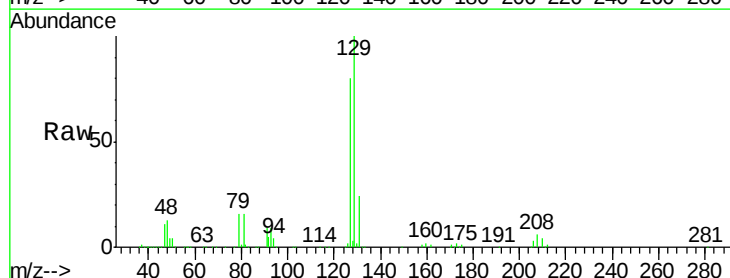
Manual Integrations
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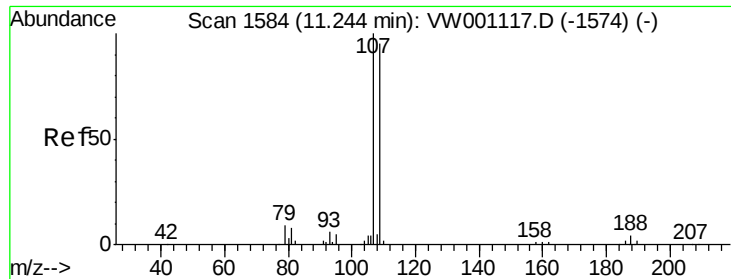
MMDadoda
1/30/2018 5:46:54 PM



#60
Dibromochloromethane
Concen: 102.32 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion:129 Resp: 279292
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





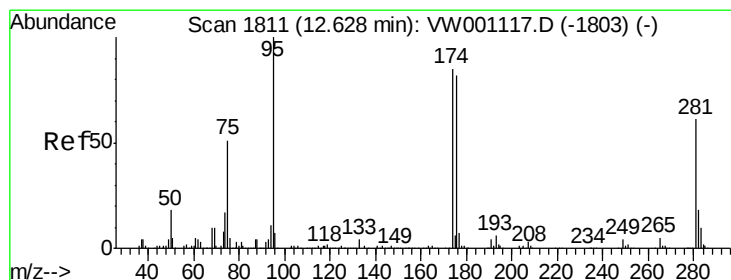
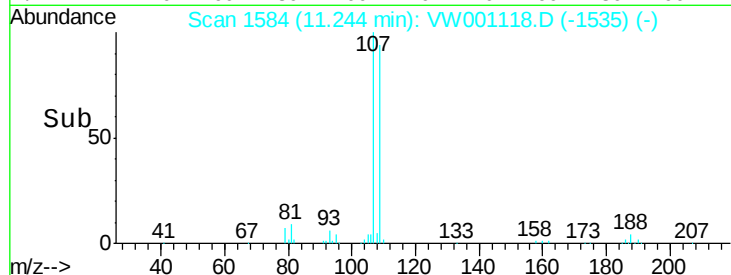
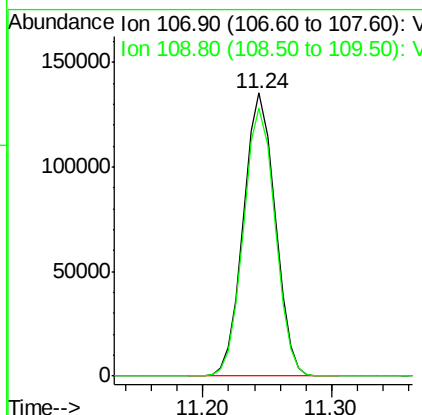
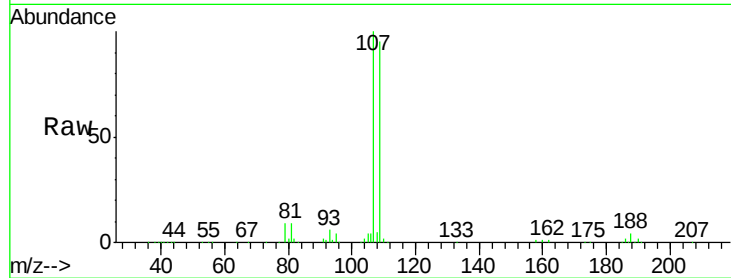
#61
 1,2-Dibromoethane
 Concen: 102.33 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.8	113.8

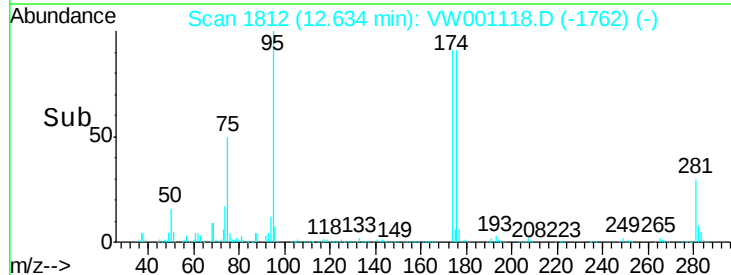
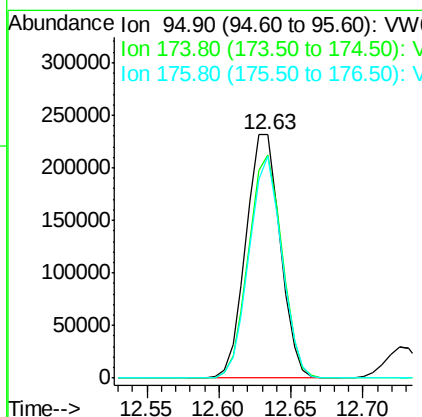
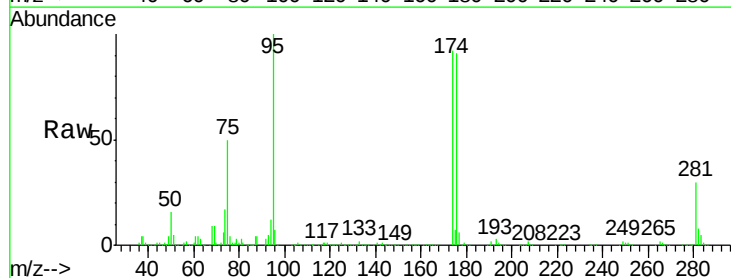
Manual Integrations
 APPROVED

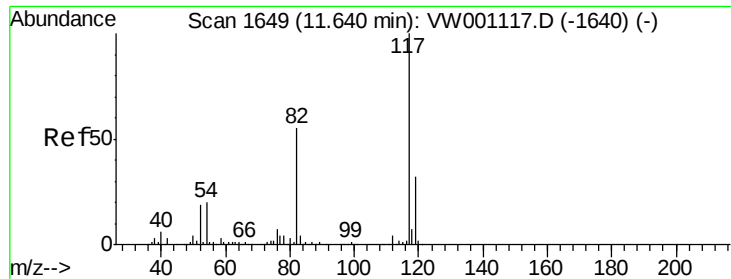
MMDadoda
 1/30/2018 5:46:54 PM



#62
 4-Bromofluorobenzene
 Concen: 100.55 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	179.6
176	86.7	0.0	174.4





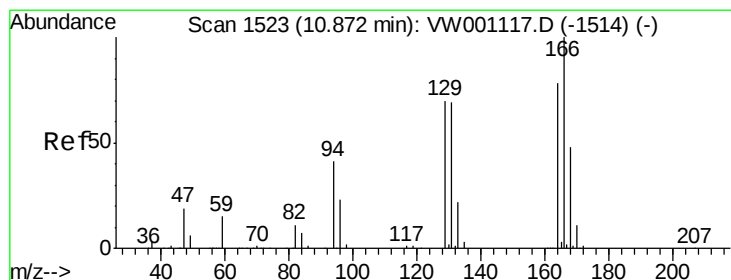
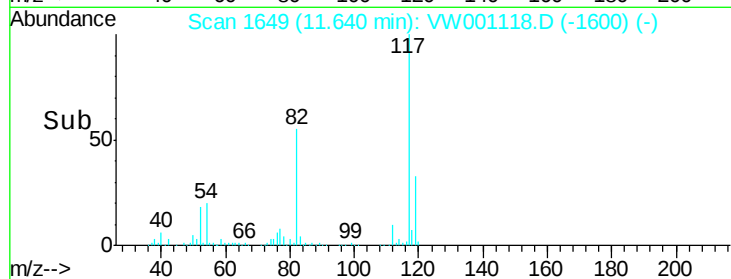
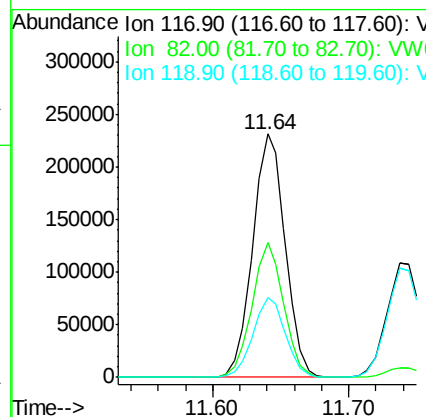
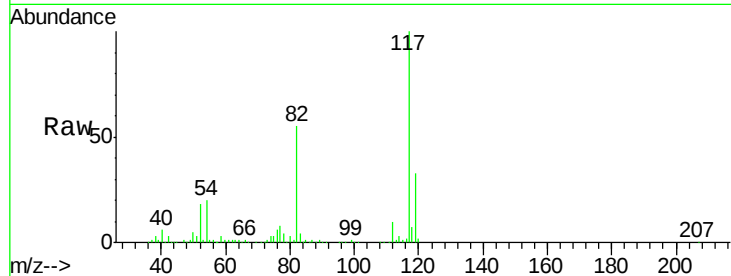
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.8	65.8
119	33.0	25.8	38.8

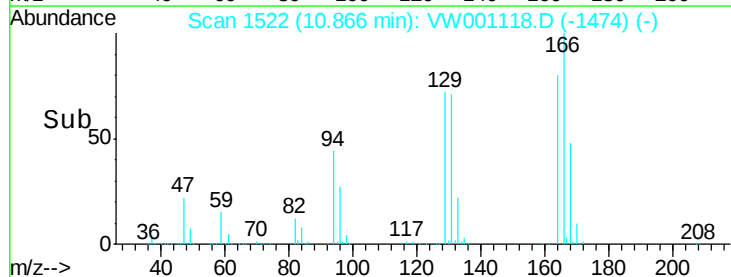
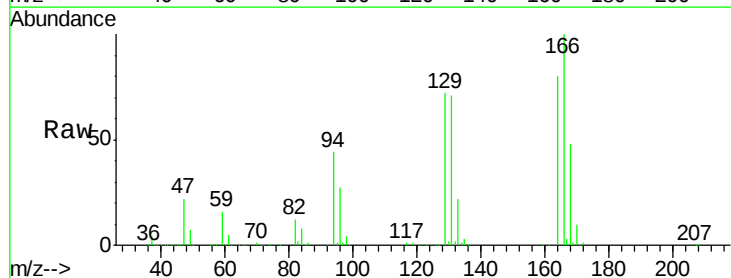
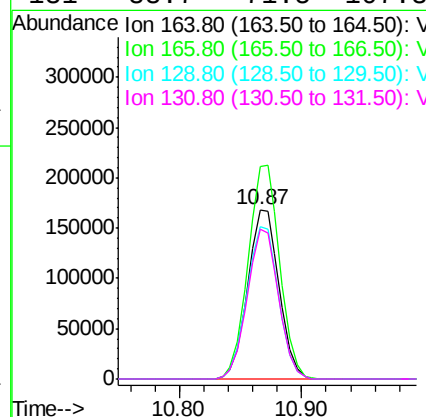
Manual Integrations
APPROVED

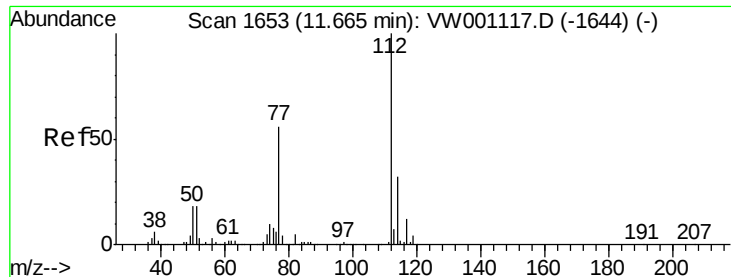
MMDadoda
1/30/2018 5:46:54 PM



#64
Tetrachloroethene
Concen: 96.14 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	103.1	154.7
129	90.2	72.3	108.5
131	88.7	71.5	107.3





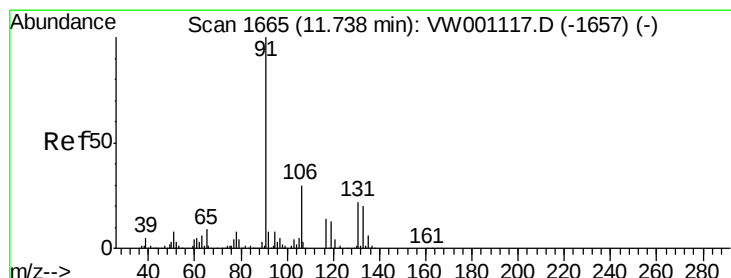
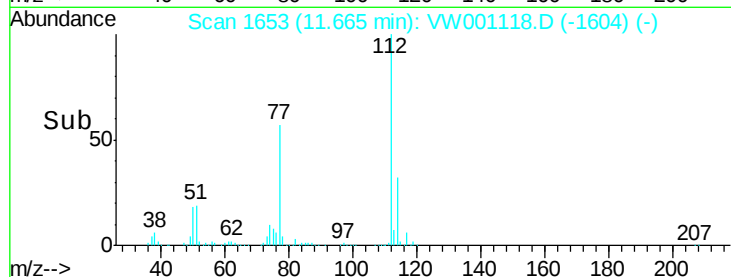
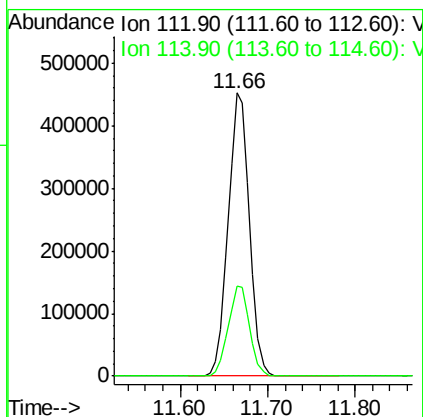
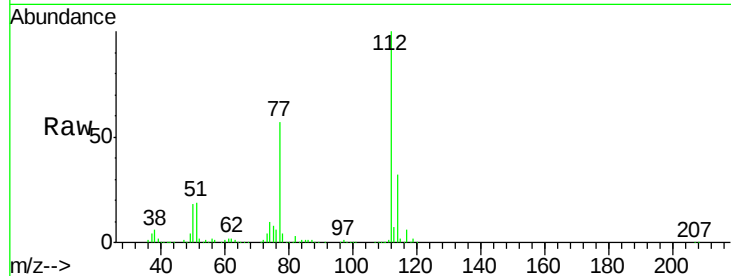
#65
Chlorobenzene
Concen: 97.42 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

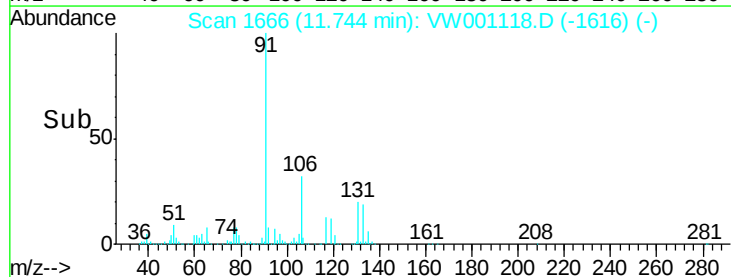
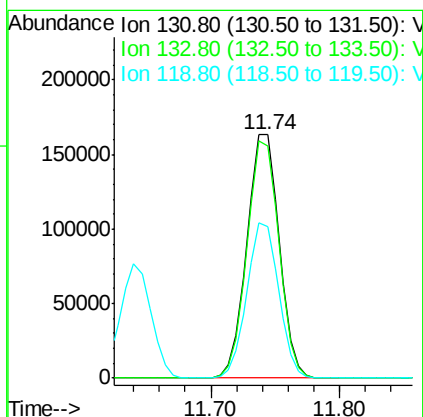
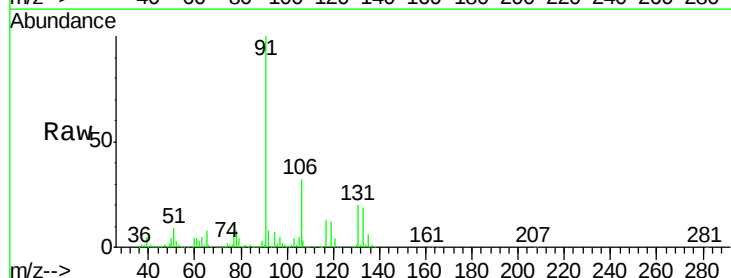
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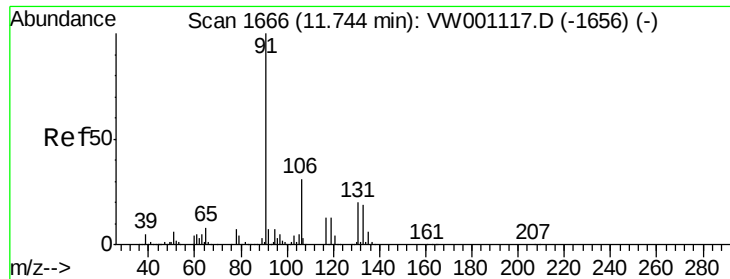
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#66
1,1,1,2-Tetrachloroethane
Concen: 99.04 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	141.8
119	63.0	31.5	94.5





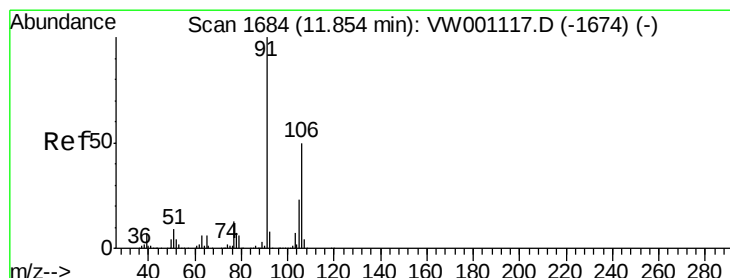
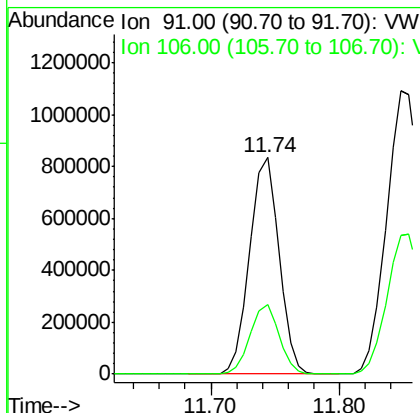
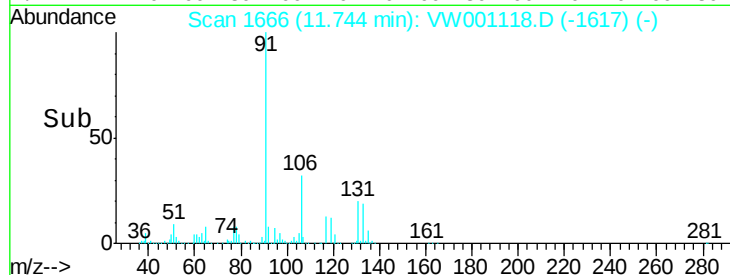
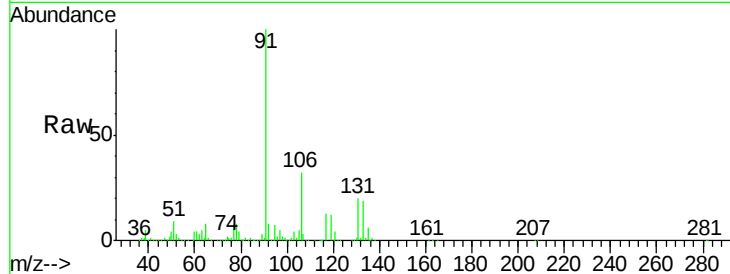
#67
Ethyl Benzene
Concen: 100.93 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1316350
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8

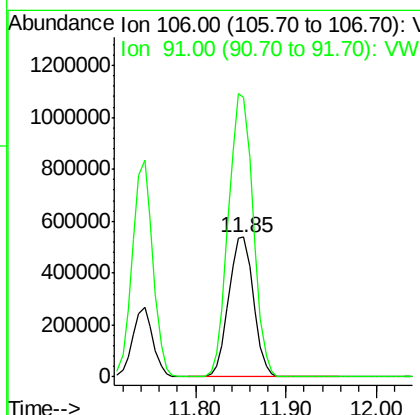
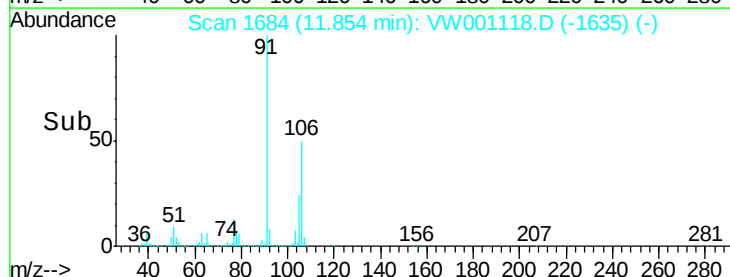
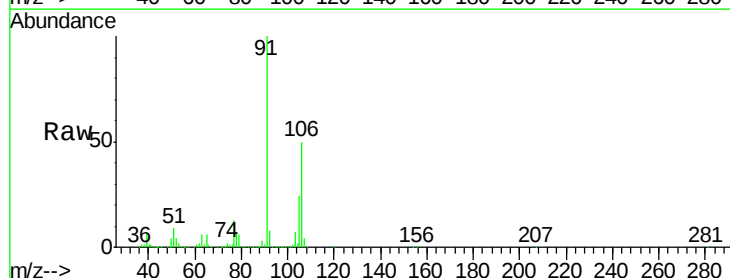
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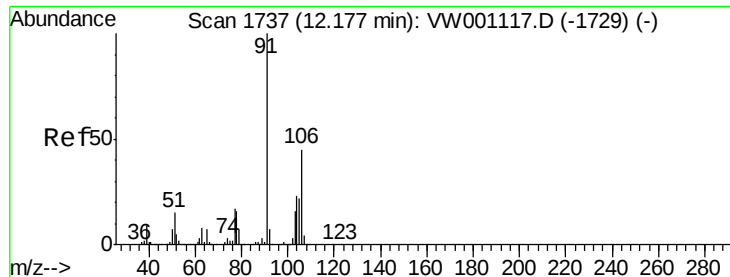
MM Dadoda
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#68
m/p-Xylenes
Concen: 201.04 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 106 Resp: 1021499
Ion Ratio Lower Upper
106 100
91 202.2 163.1 244.7





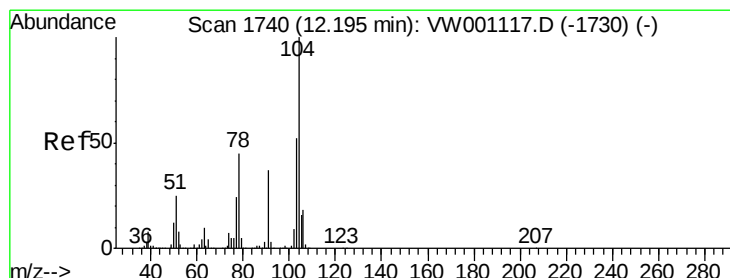
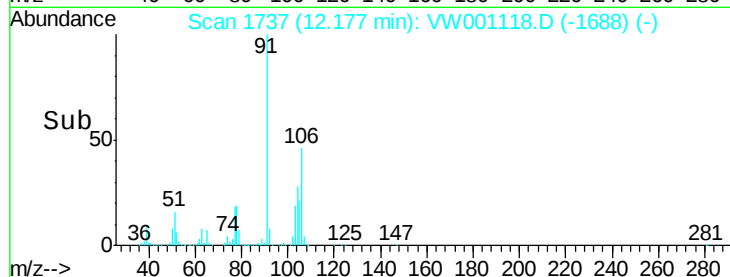
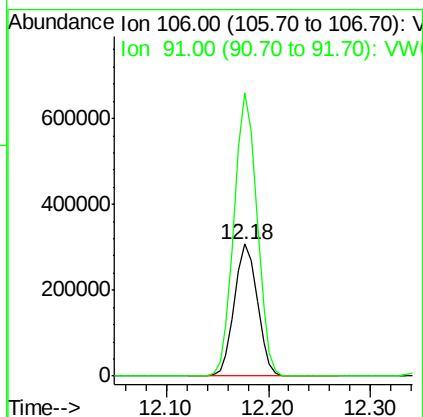
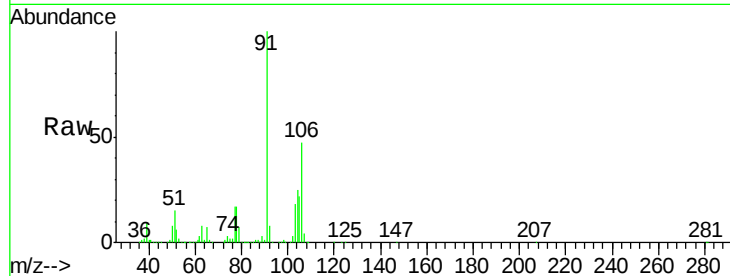
#69
o-Xylene
Concen: 102.35 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.6	107.6	322.8

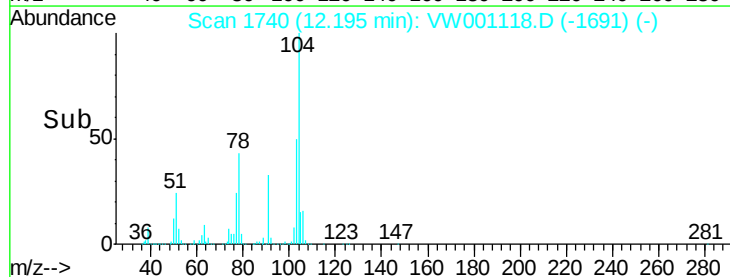
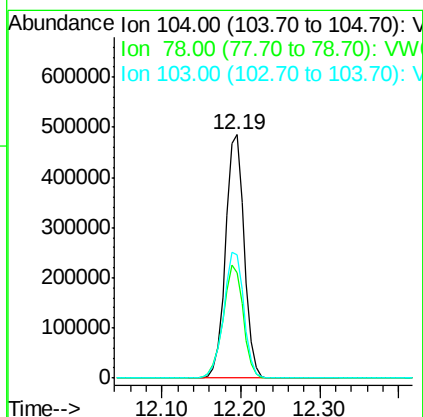
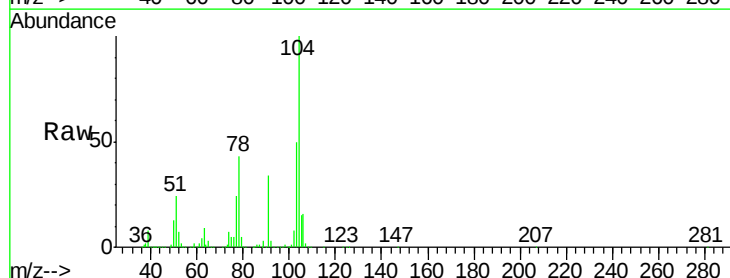
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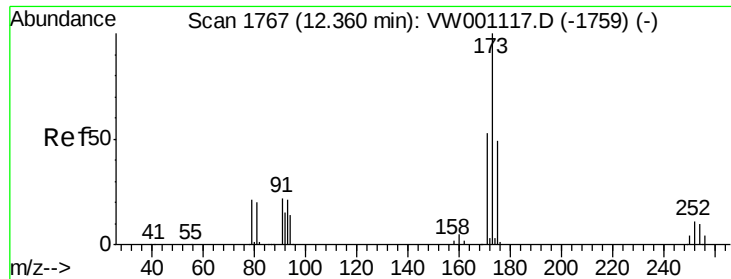
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#70
Styrene
Concen: 103.18 ug/l
RT: 12.19 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	39.9	59.9
103	55.9	44.7	67.1





#71

Bromoform

Concen: 106.14 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

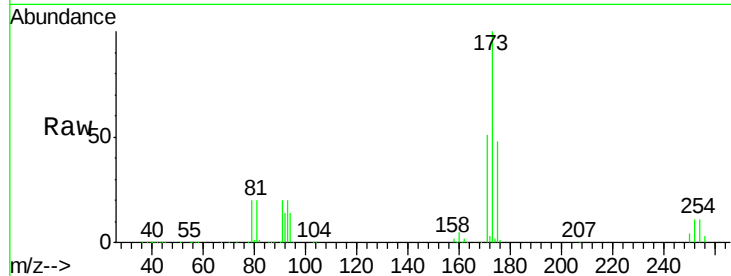
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.1	0.1#

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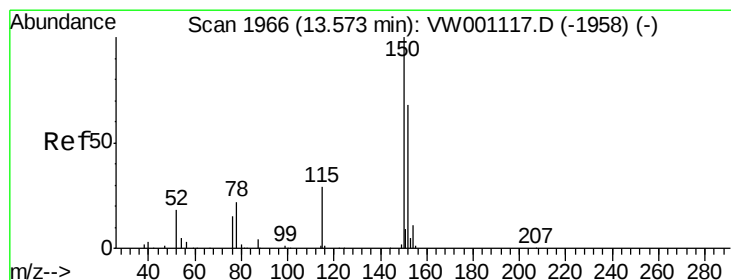
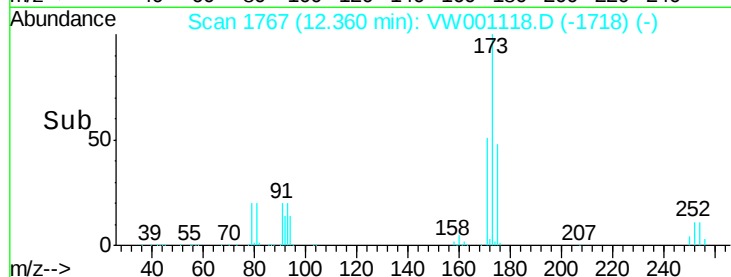
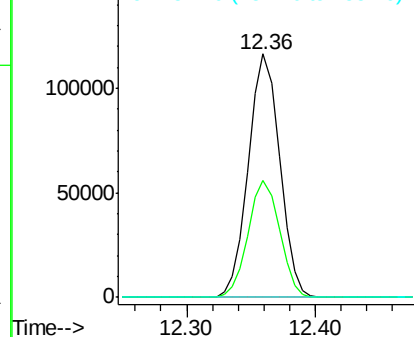


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

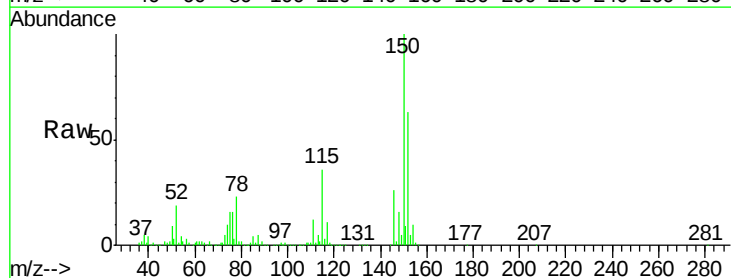
RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.4	85.3
150	188.2	0.0	342.4

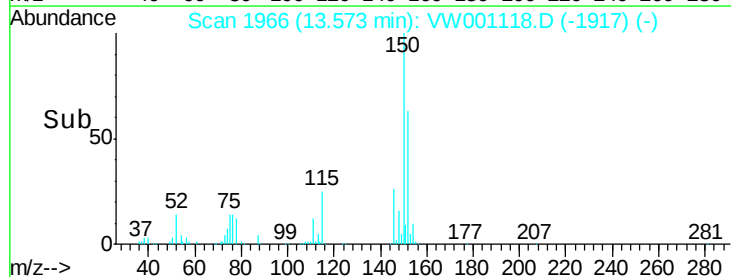
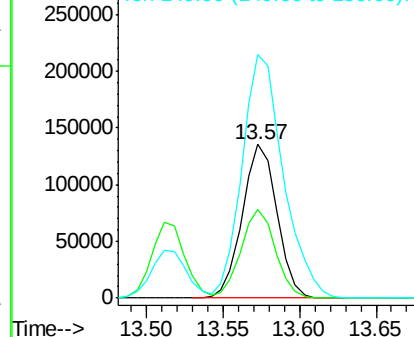


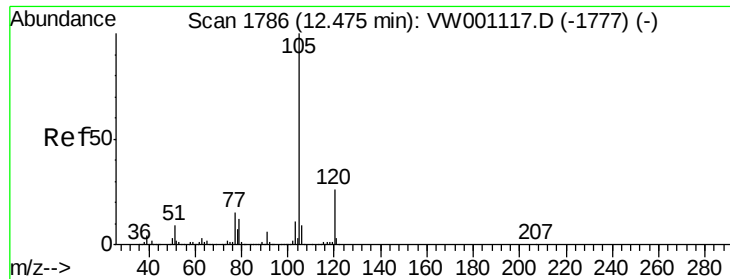
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





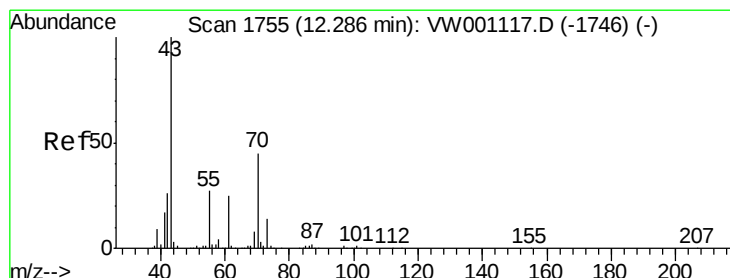
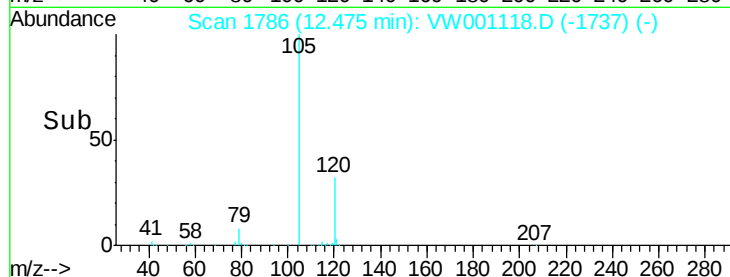
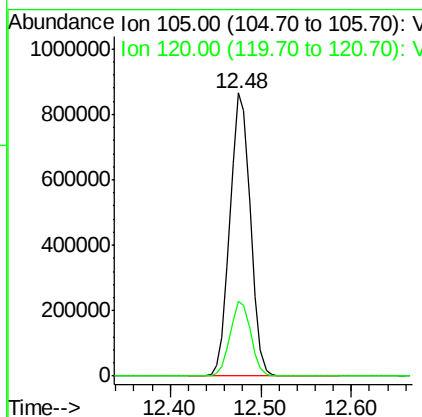
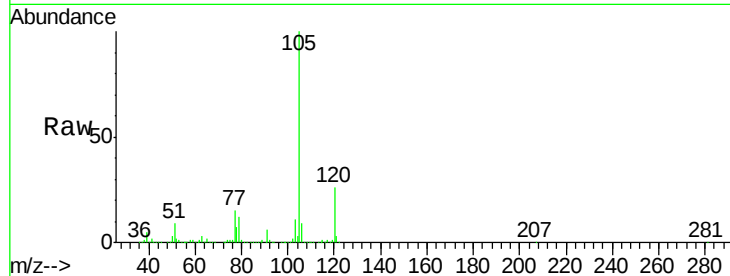
#73
Isopropylbenzene
Concen: 101.12 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:105 Resp: 1351426
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

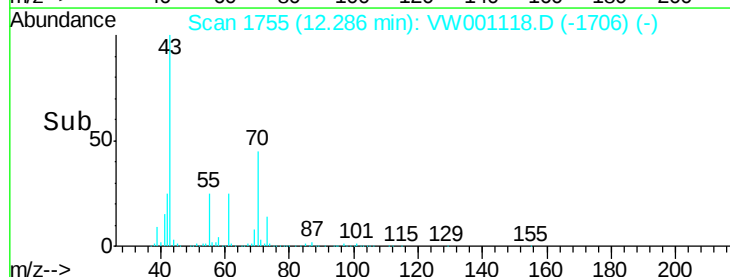
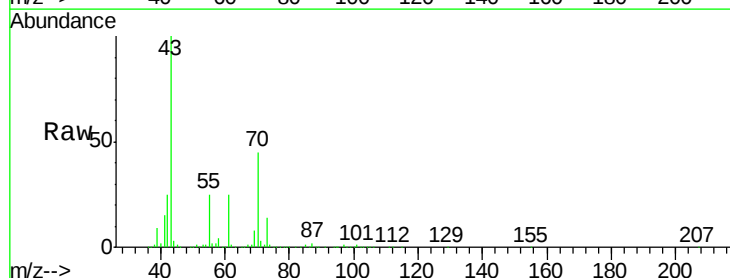
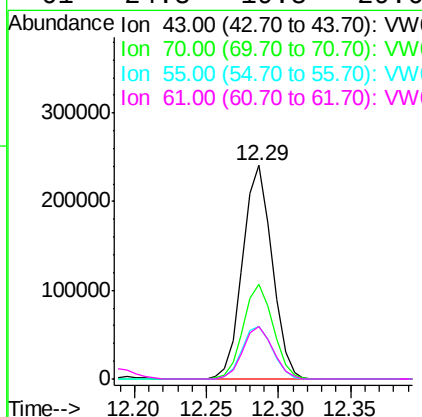
Manual Integrations
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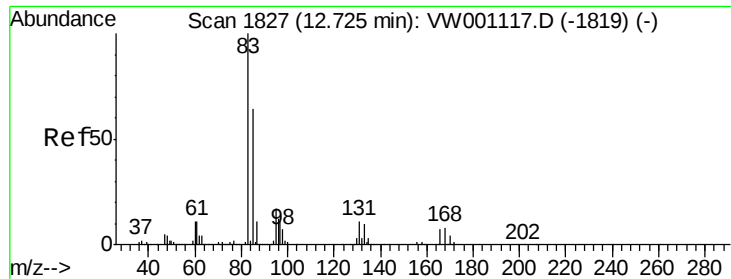
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#74
N-ethyl acetate
Concen: 112.01 ug/l
RT: 12.29 min Scan# 1755
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 43 Resp: 341890
Ion Ratio Lower Upper
43 100
70 44.7 36.0 54.0
55 25.8 21.7 32.5
61 24.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 103.37 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

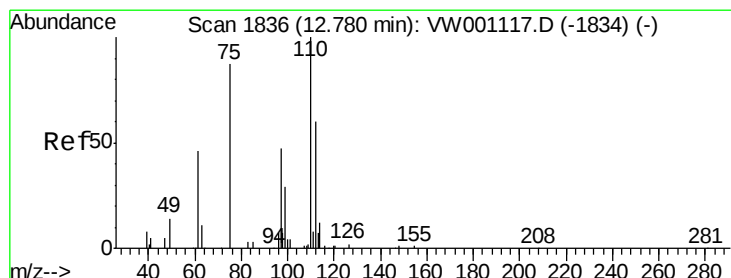
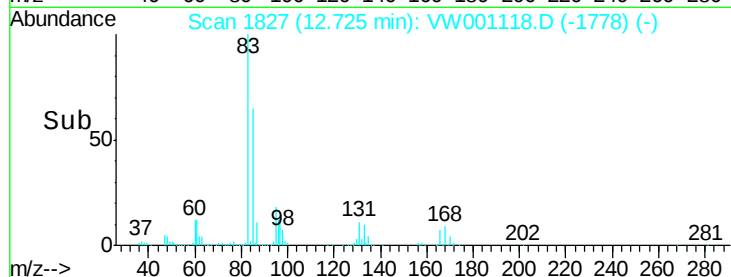
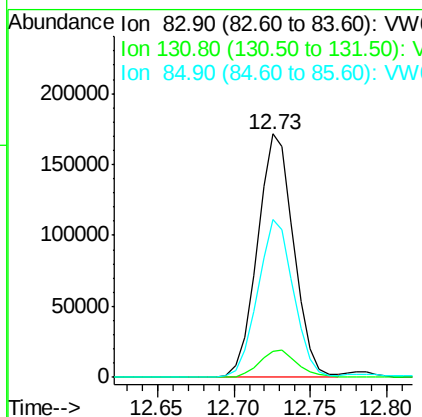
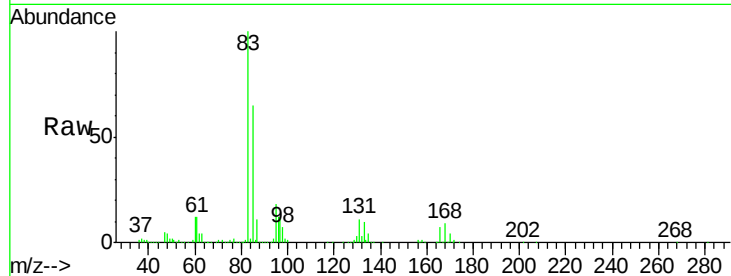
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	282582
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.8	17.4
85	64.3	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 80.11 ug/l m

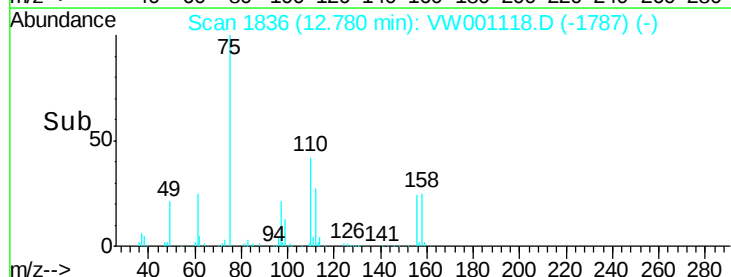
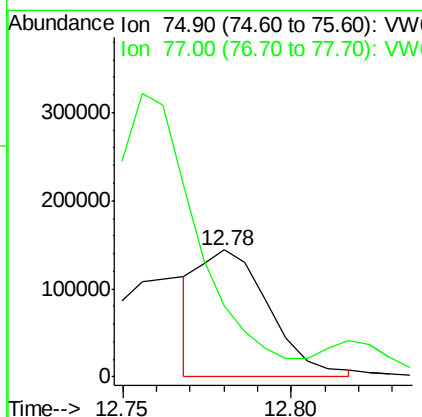
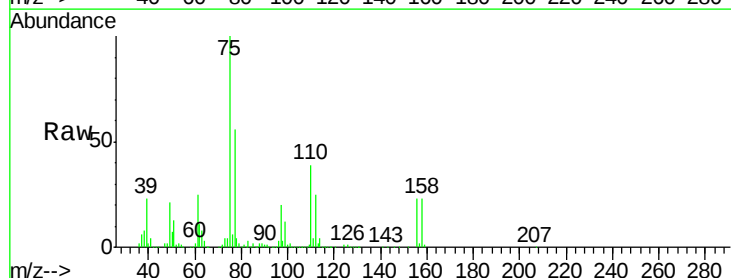
RT: 12.78 min Scan# 1836

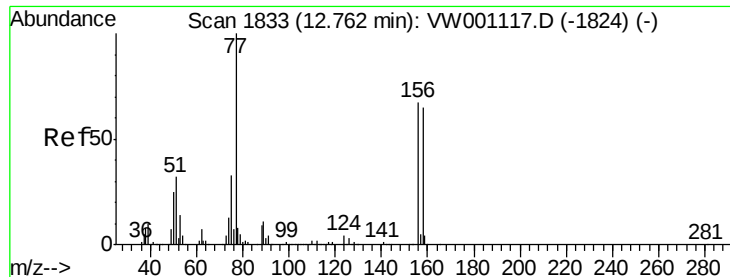
Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion:	75	Resp:	208298
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 96.93 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

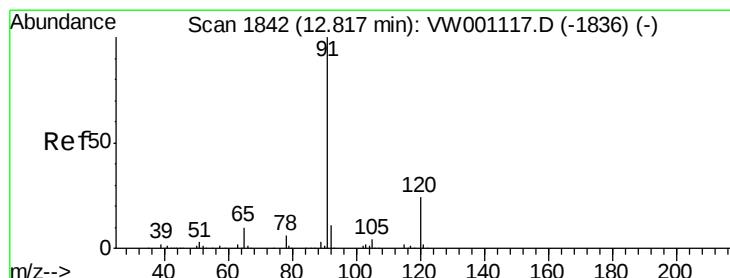
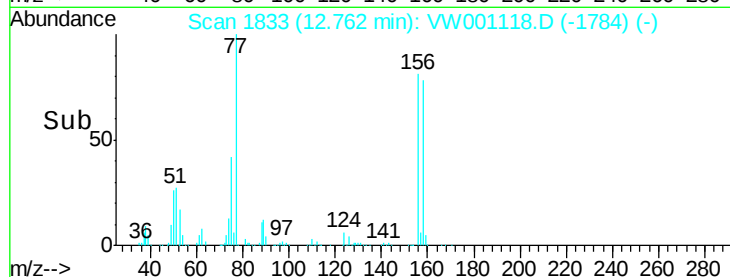
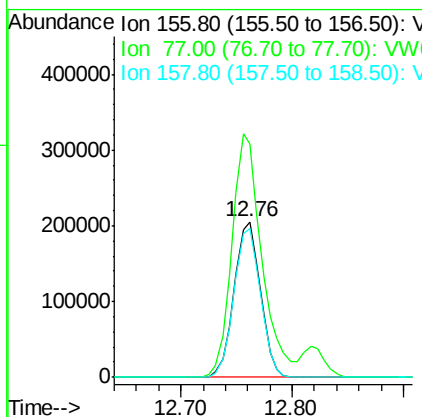
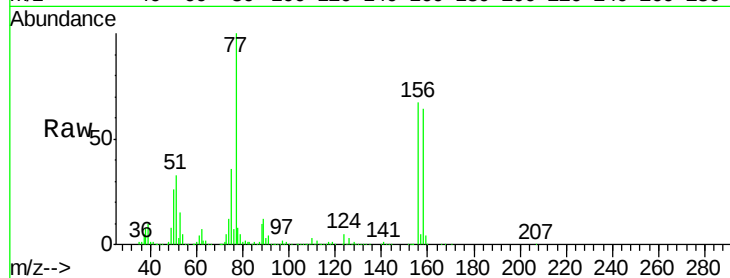
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	178.5	85.3	255.8
158	96.8	48.9	146.7

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#78

n-propylbenzene

Concen: 99.61 ug/l

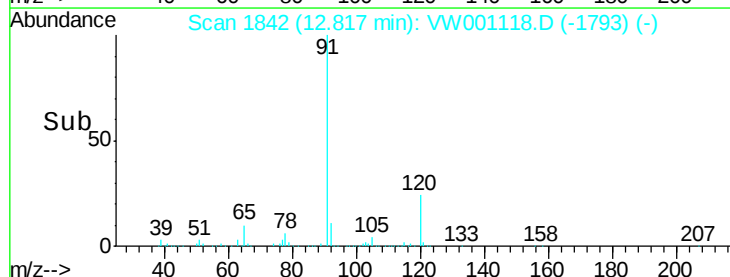
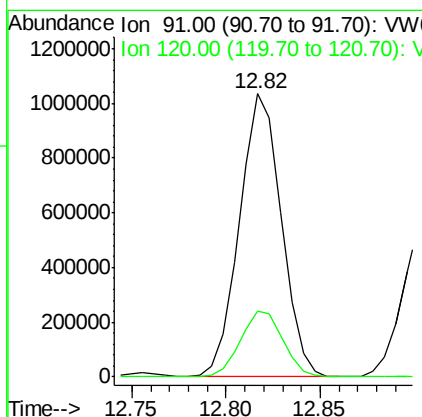
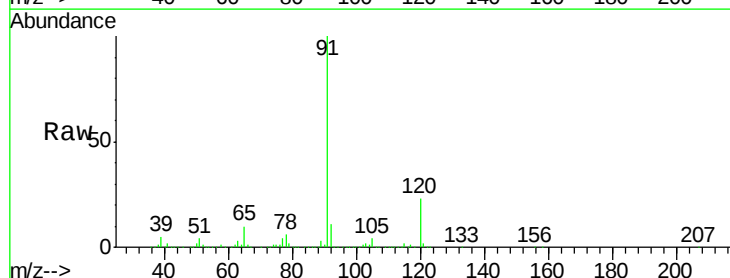
RT: 12.82 min Scan# 1842

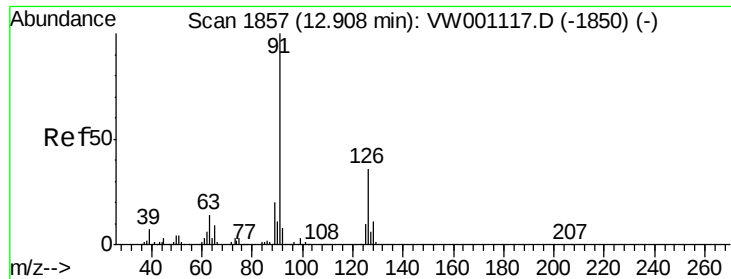
Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.7





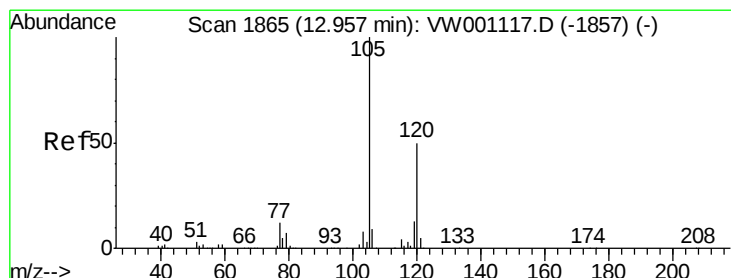
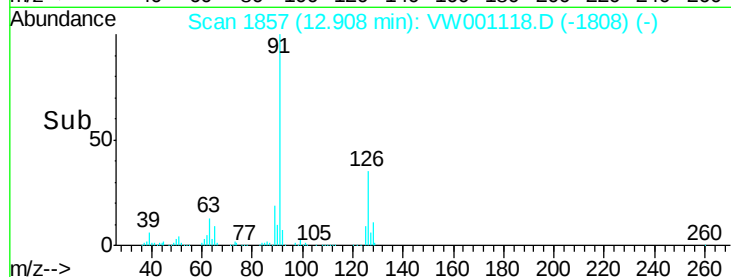
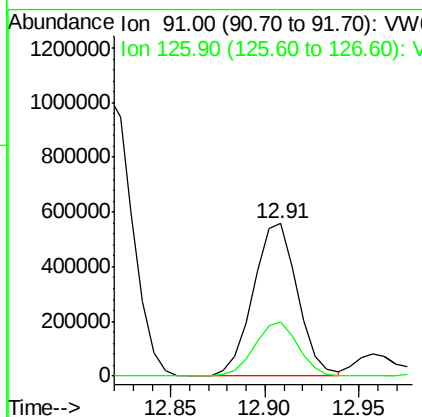
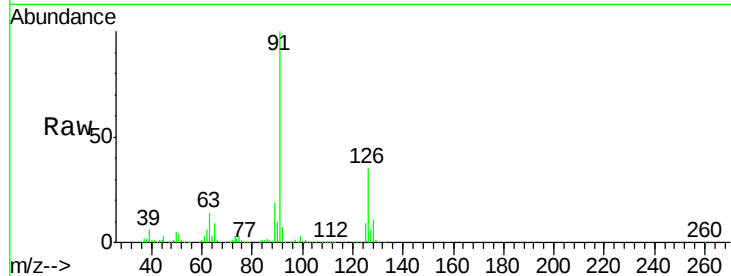
#79
 2-Chlorotoluene
 Concen: 98.99 ug/l
 RT: 12.91 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 906429
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.5 52.6

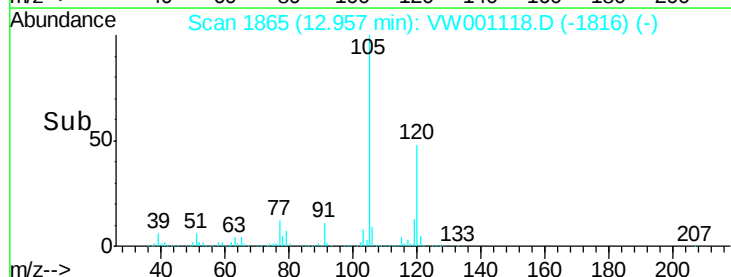
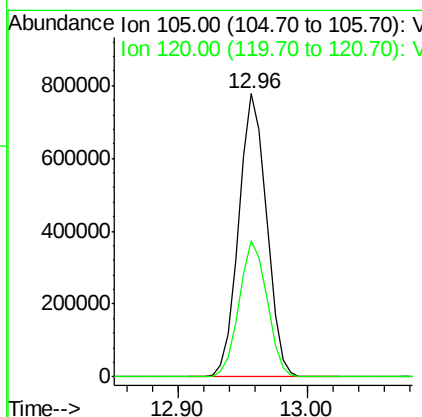
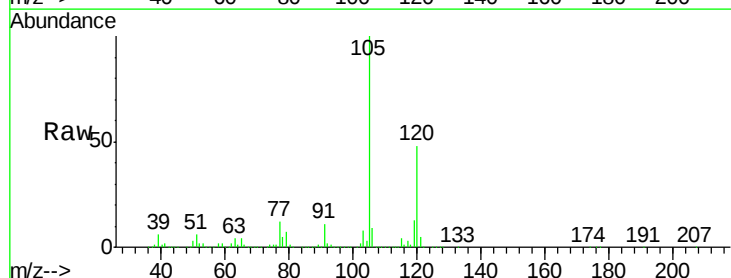
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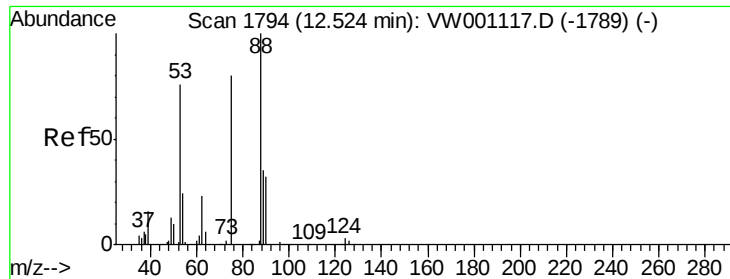
MM Dadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 101.64 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion: 105 Resp: 1161765
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 114.70 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 94332

Ion Ratio Lower Upper

75 100

53 93.1 75.0 112.6

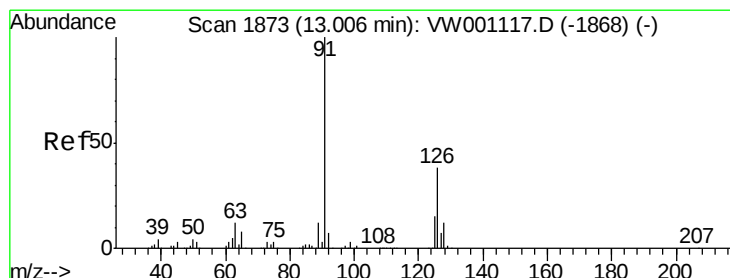
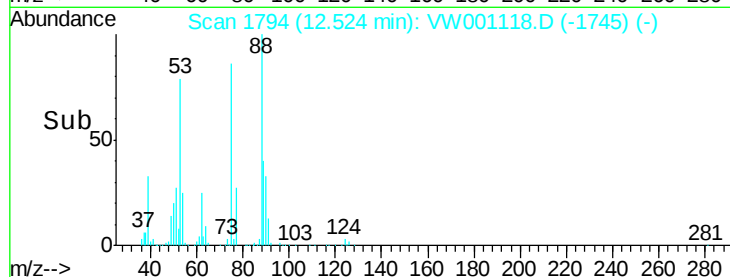
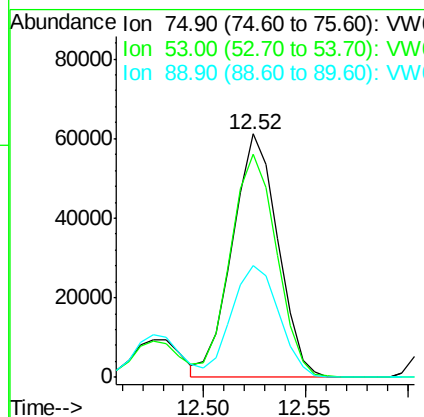
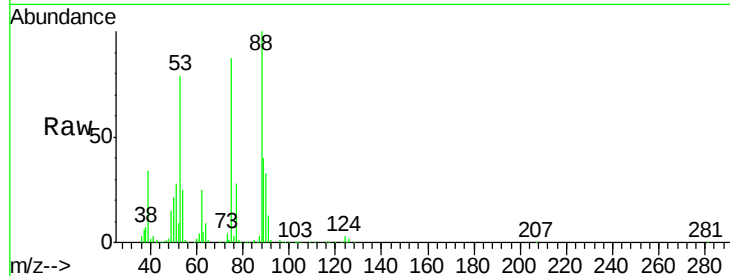
89 48.0 38.2 57.4

Manual Integrations

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#82

4-Chlorotoluene

Concen: 97.38 ug/l

RT: 13.01 min Scan# 1873

Delta R.T. -0.00 min

Lab File: VW001118.D

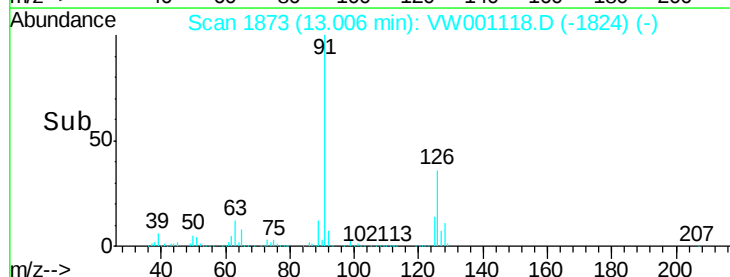
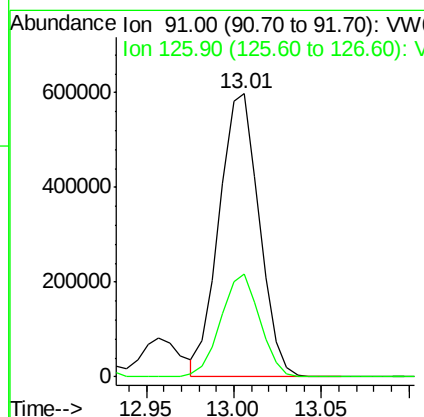
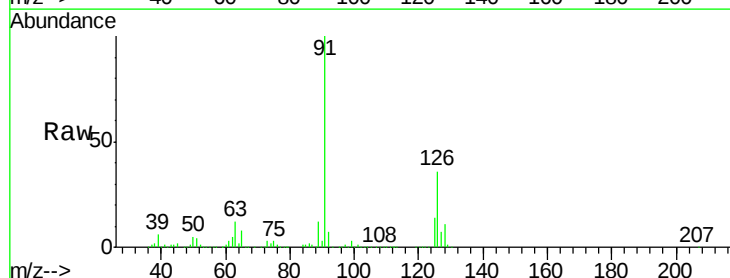
Acq: 29 Jan 2018 13:43

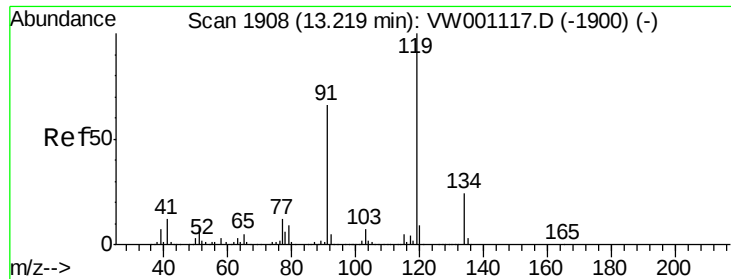
Tgt Ion: 91 Resp: 950669

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.4





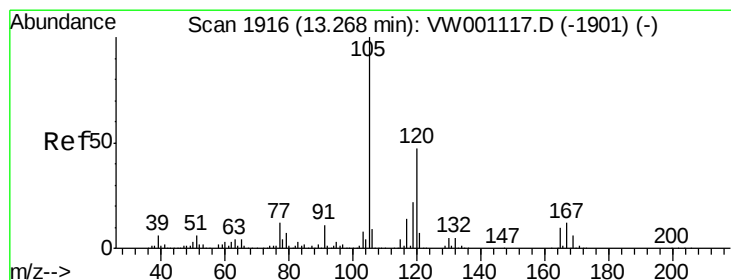
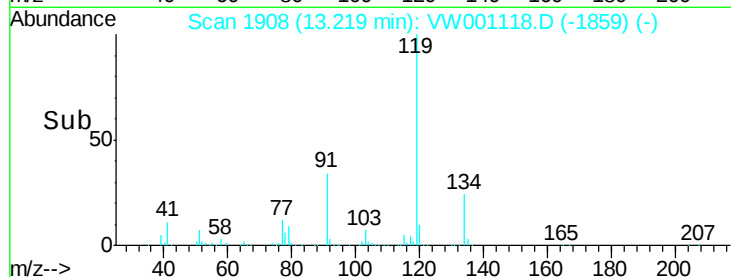
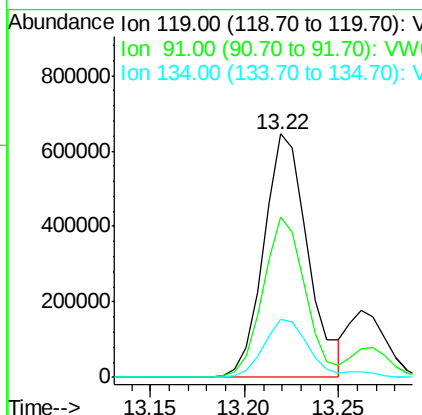
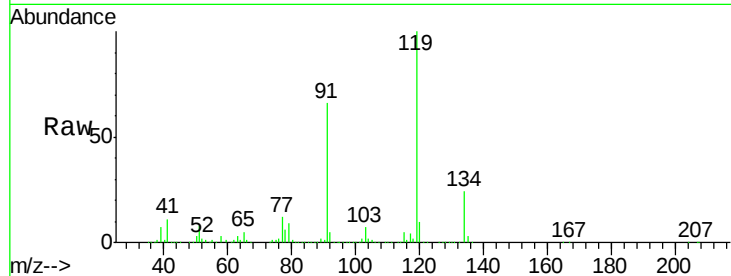
#83
 tert-Butylbenzene
 Concen: 103.67 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:119 Resp: 1047060
 Ion Ratio Lower Upper
 119 100
 91 63.1 31.9 95.5
 134 25.4 12.7 38.0

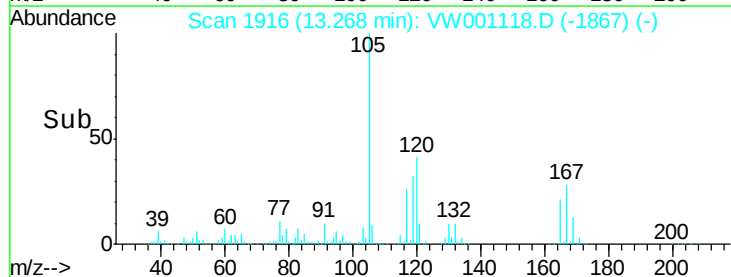
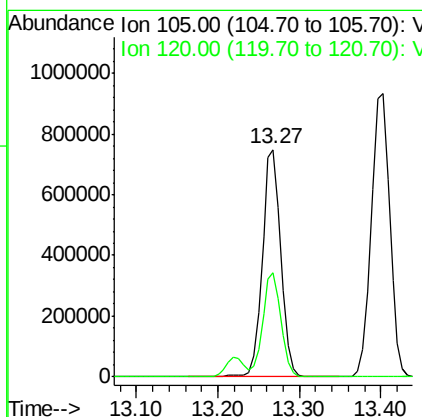
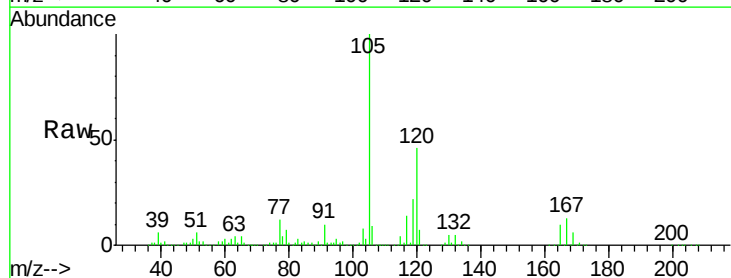
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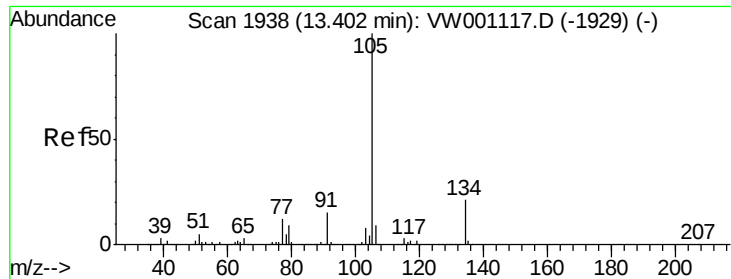
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#84
 1,2,4-Trimethylbenzene
 Concen: 101.52 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion:105 Resp: 1180712
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8





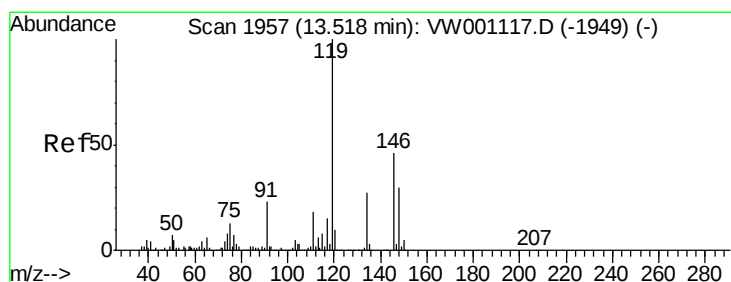
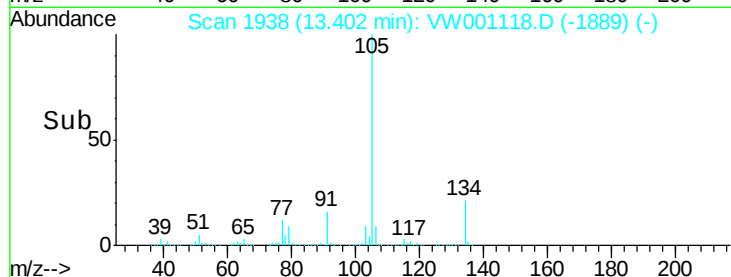
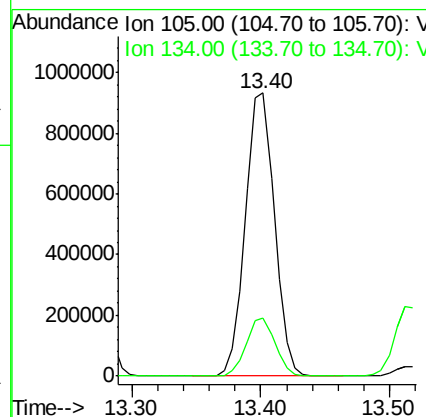
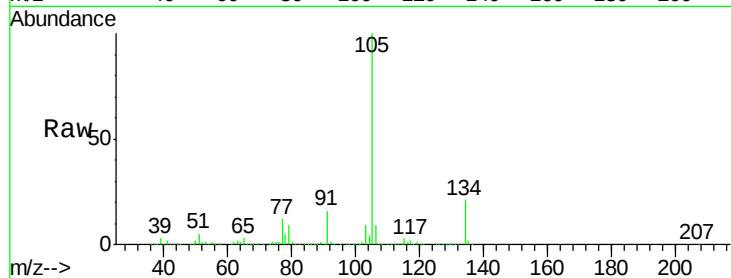
#85
 sec-Butylbenzene
 Concen: 101.58 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 1451085
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8

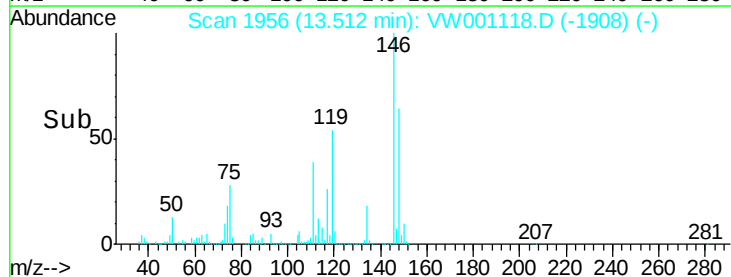
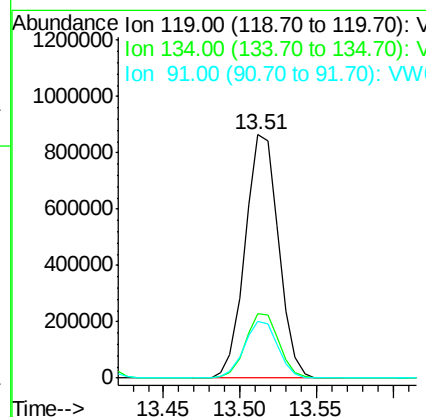
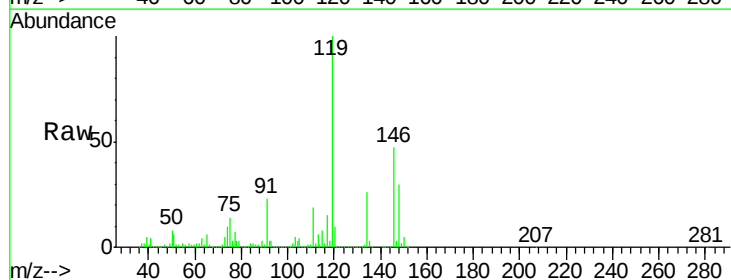
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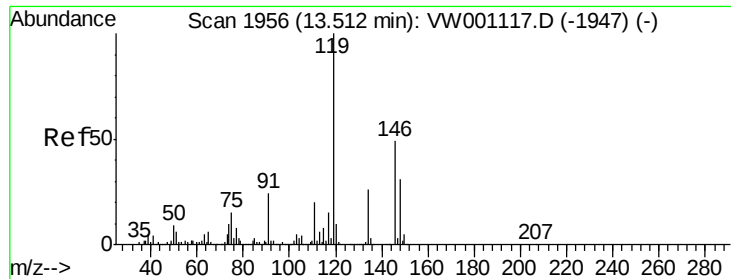
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#86
 p-Isopropyltoluene
 Concen: 103.23 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion:119 Resp: 1311137
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 23.3 11.8 35.4





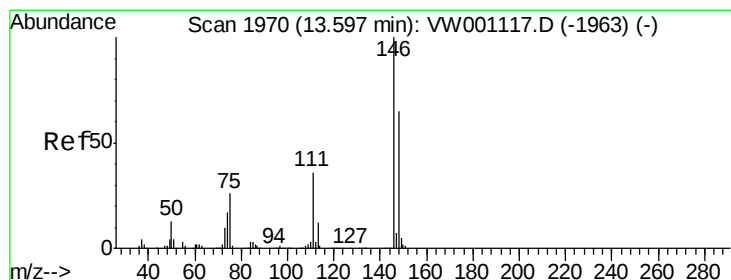
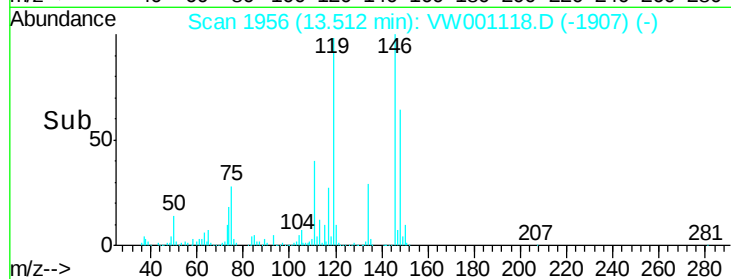
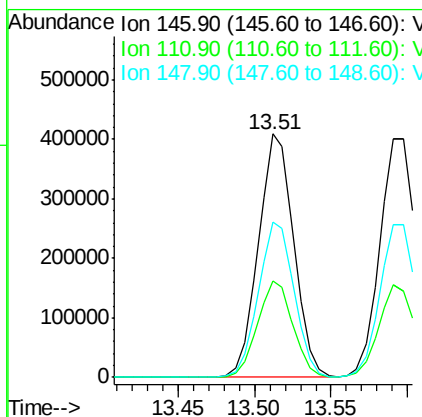
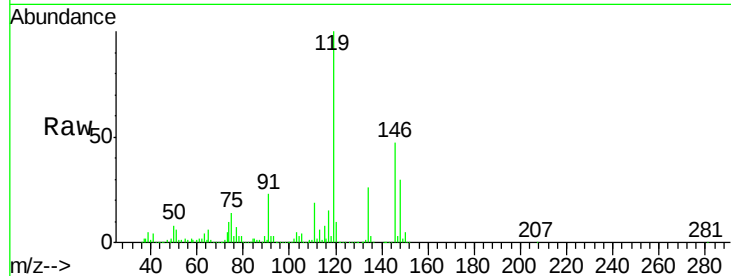
#87
 1,3-Dichlorobenzene
 Concen: 96.20 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	64.4	31.9	95.5

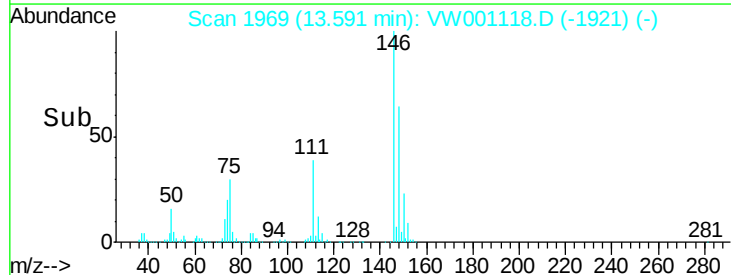
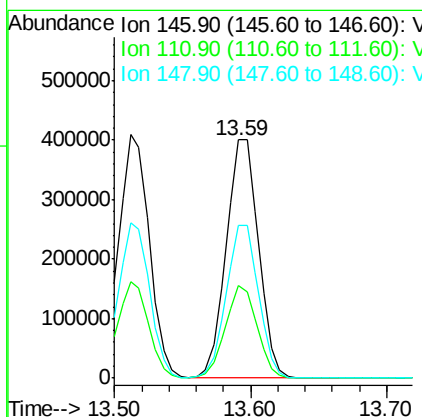
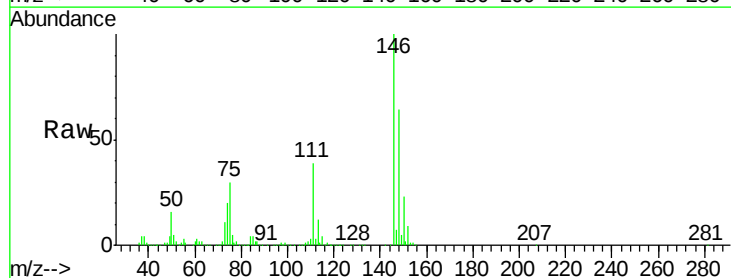
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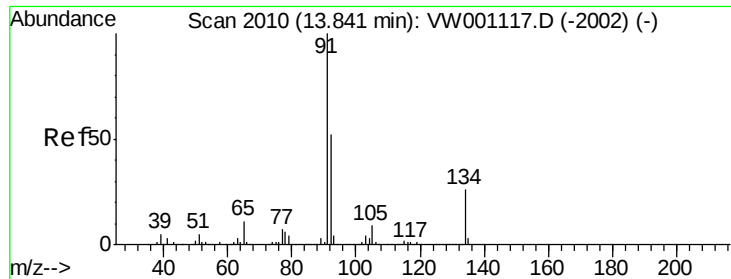
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#88
 1,4-Dichlorobenzene
 Concen: 96.08 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.2	32.5	97.5





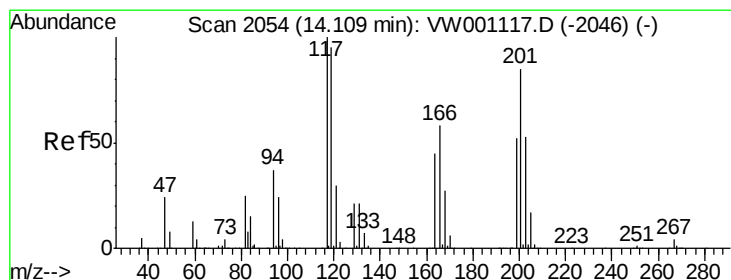
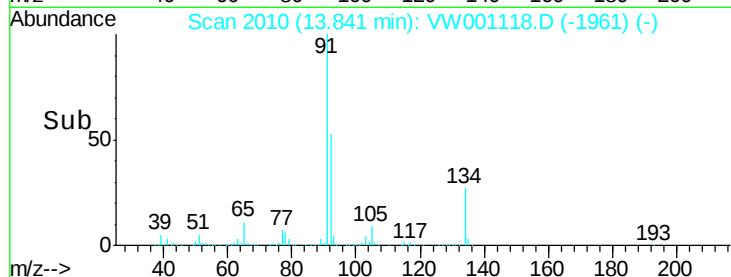
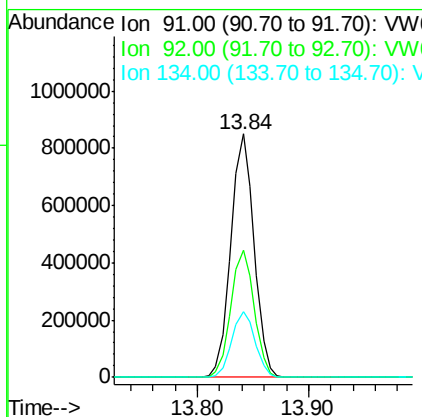
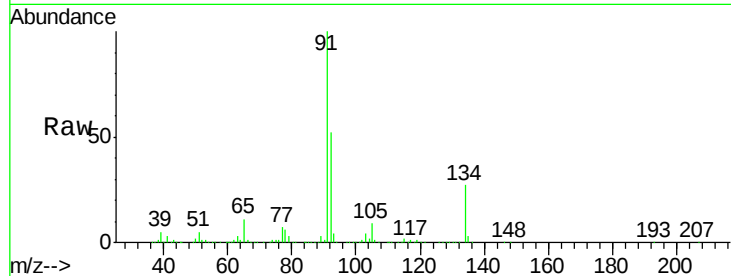
#89
n-Butylbenzene
Concen: 103.78 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.1	78.2
134	27.4	13.6	40.8

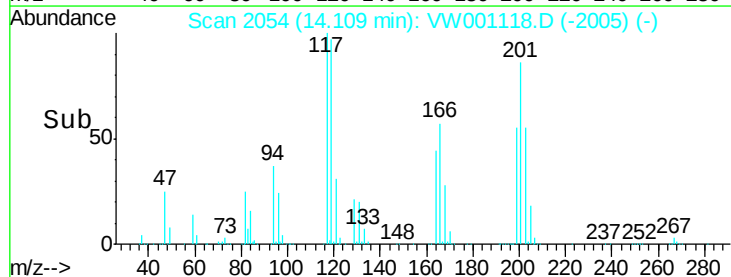
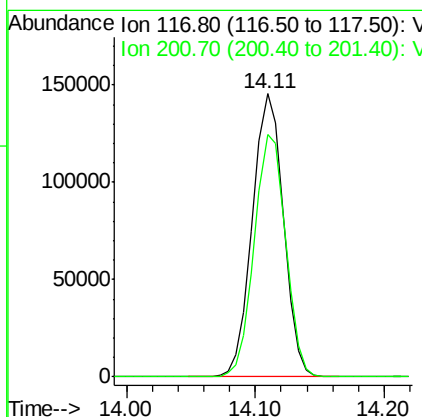
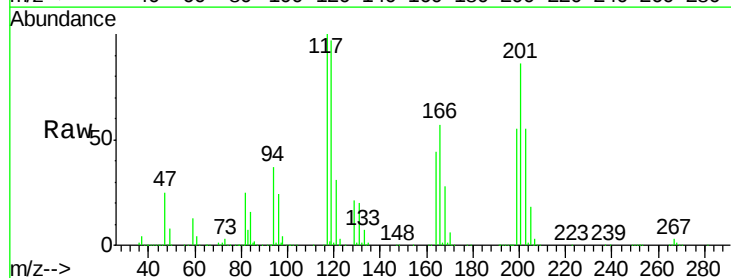
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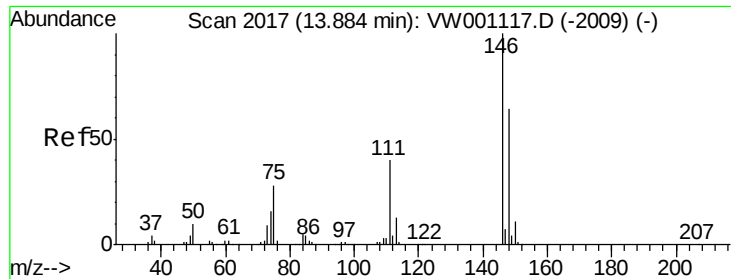
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#90
Hexachloroethane
Concen: 101.98 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	43.3	129.8





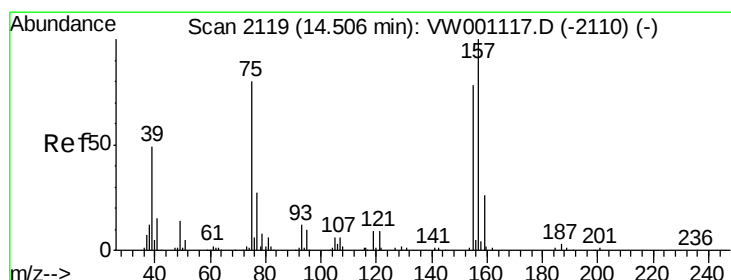
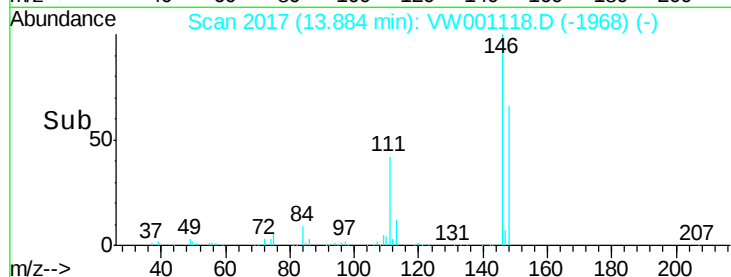
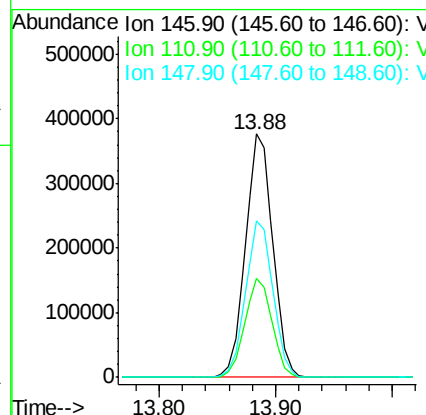
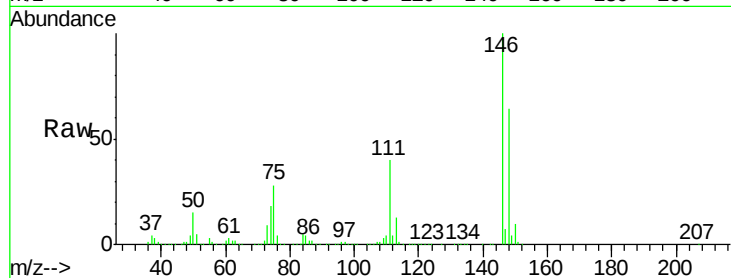
#91
 1,2-Dichlorobenzene
 Concen: 98.04 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.2
148	64.4	32.2	96.6

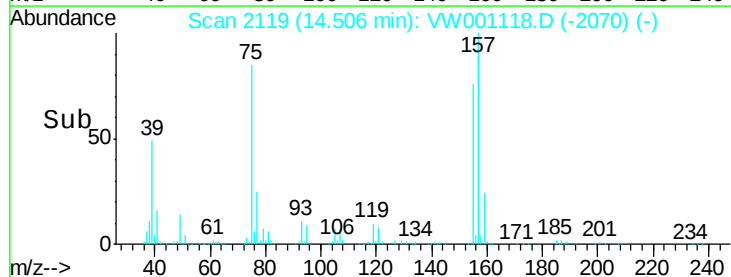
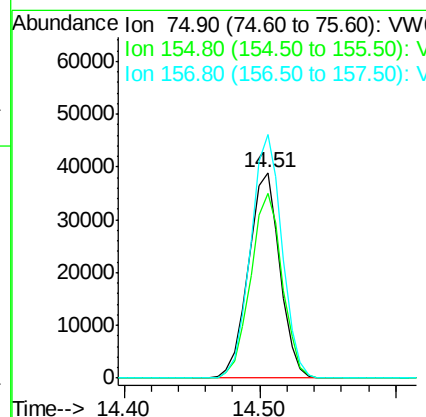
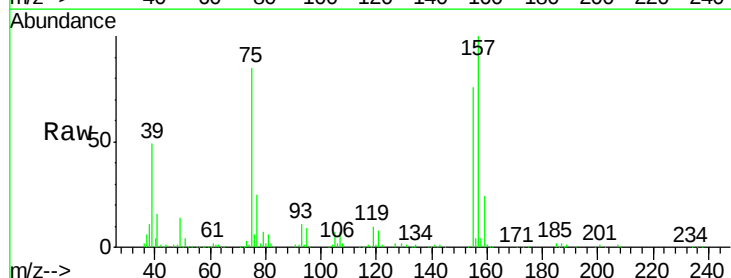
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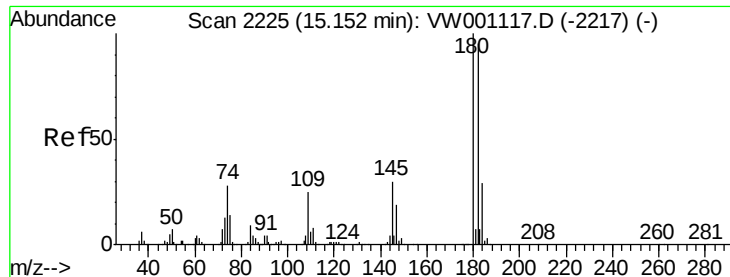
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 114.12 ug/l
 RT: 14.51 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	46.3	138.9
157	118.2	60.0	180.0





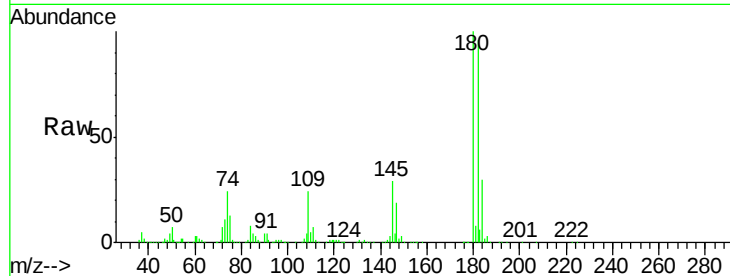
#93
 1,2,4-Trichlorobenzene
 Concen: 103.90 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

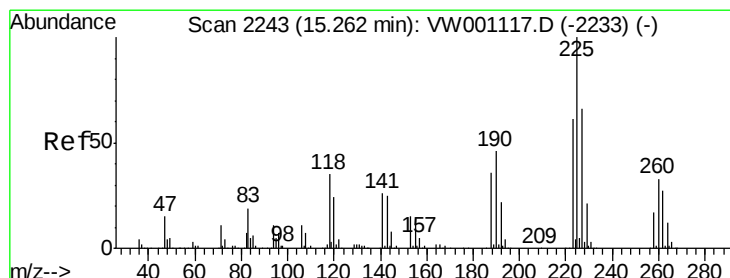
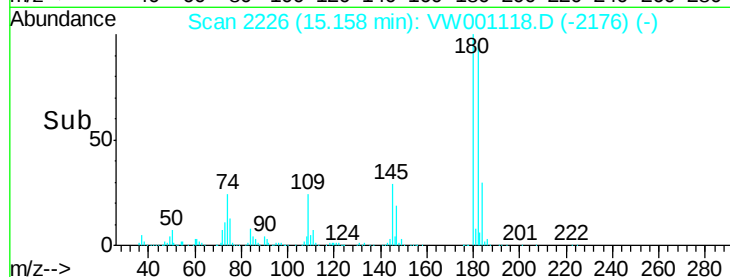
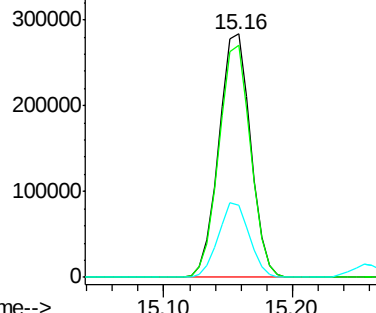
Tot Ion	Ratio	Resp	Lower	Upper
180	100	479404		
182	95.2	47.6	142.9	
145	30.0	15.0	45.1	

Manual Integrations
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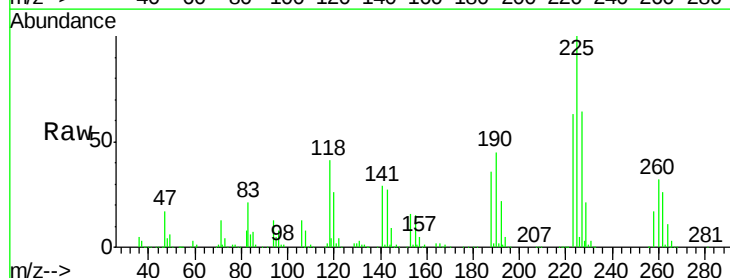


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

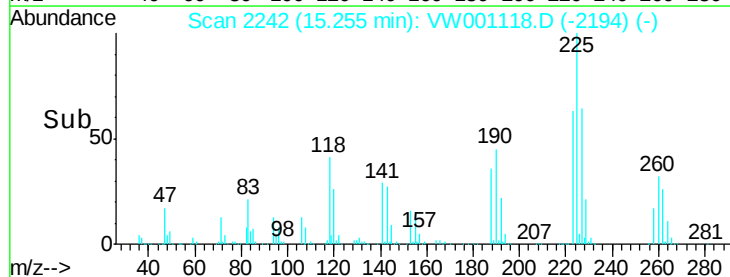
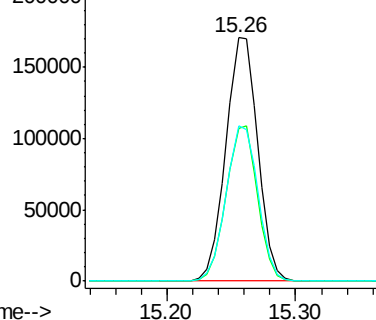


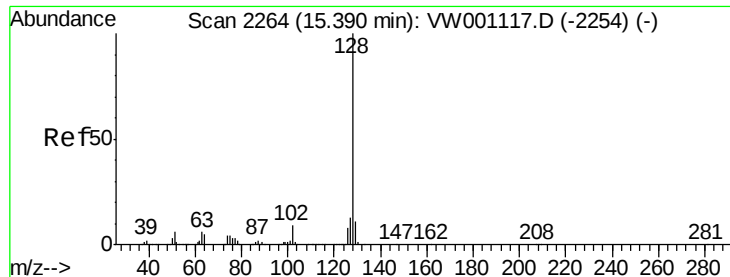
#94
 Hexachlorobutadiene
 Concen: 102.17 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	291528		
223	62.5	31.1	93.3	
227	63.7	32.6	97.8	



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





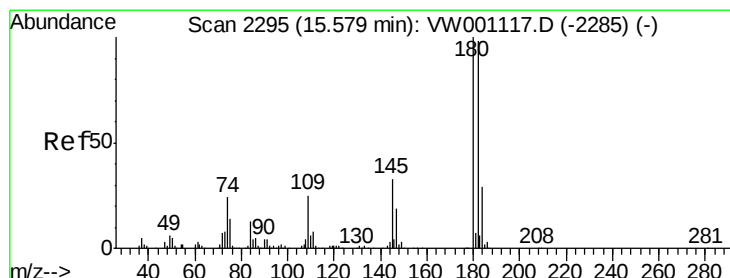
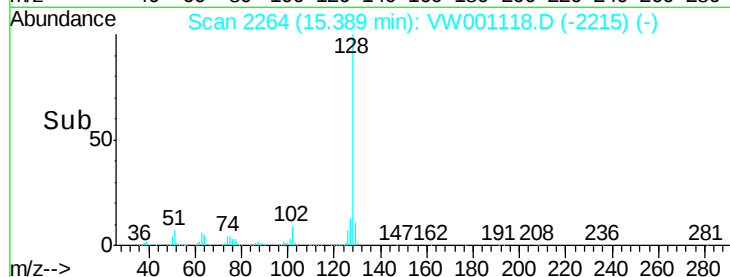
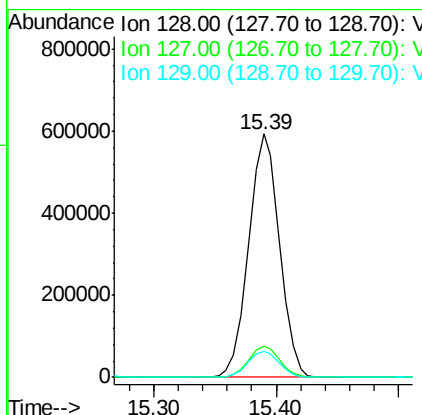
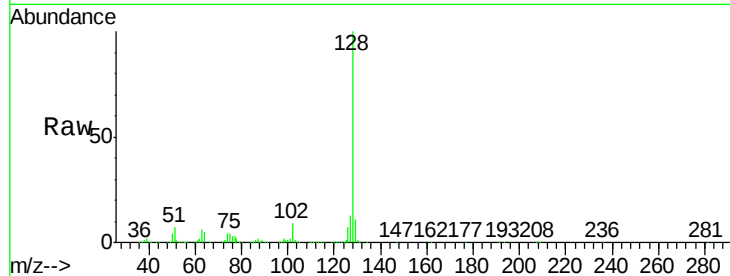
#95
Naphthalene
Concen: 114.00 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
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1/30/2018 5:46:54 PM



#96
1,2,3-Trichlorobenzene
Concen: 101.24 ug/l
RT: 15.58 min Scan# 2295
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.7	146.1
145	32.1	16.0	47.9

