

Data File : VW003253.D
Acq On : 13 Jun 2018 18:41
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

apatel
6/14/2018 10:03:45 AM

Quant Time: Jun 14 08:14:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	463178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	429270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	219276	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	496461	169.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	339.82%	
35) Dibromofluoromethane	7.89	113	448668	164.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.08%	
50) Toluene-d8	10.33	98	1814722	170.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	341.70%	
62) 4-Bromofluorobenzene	12.63	95	650254	168.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	146075	170.058	ug/l	92
3) Chloromethane	2.21	50	308210	135.902	ug/l	94
4) Vinyl Chloride	2.36	62	461008	131.478	ug/l	100
5) Bromomethane	2.78	94	312918	123.313	ug/l	97
6) Chloroethane	2.92	64	341042	128.652	ug/l	98
7) Trichlorofluoromethane	3.25	101	261351	133.142	ug/l	96
8) Diethyl Ether	3.67	74	210336	135.301	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	390765	147.805	ug/l	99
10) Methyl Iodide	4.26	142	602105	138.823	ug/l	99
11) Tert butyl alcohol	5.25	59	136804	715.220	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	386163	145.030	ug/l	98
13) Acrolein	3.90	56	173082	867.372	ug/l	100
14) Allyl chloride	4.66	41	706428	159.959	ug/l	99
15) Acrylonitrile	5.38	53	459589	763.975	ug/l	99
16) Acetone	4.15	43	465927	798.763	ug/l	100
17) Carbon Disulfide	4.37	76	1124665	140.025	ug/l	99
18) Methyl Acetate	4.68	43	237968	158.477	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	766430	153.048	ug/l	99
20) Methylene Chloride	4.91	84	410166	138.995	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	429790	148.174	ug/l	99
22) Diisopropyl ether	6.32	45	1471116	163.392	ug/l	99
23) Vinyl Acetate	6.26	43	4394836	829.252	ug/l	100
24) 1,1-Dichloroethane	6.21	63	823531	155.208	ug/l	98
25) 2-Butanone	7.18	43	656993	821.161	ug/l	98
26) 2,2-Dichloropropane	7.17	77	509303	155.664	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	485479	152.373	ug/l	99
28) Bromochloromethane	7.51	49	384989	179.812	ug/l	99
29) Tetrahydrofuran	7.54	42	408869	792.413	ug/l	100
30) Chloroform	7.68	83	836294	153.340	ug/l	99
31) Cyclohexane	7.96	56	715420	142.780	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	679818	153.875	ug/l	99
36) 1,1-Dichloropropene	8.09	75	647097	148.656	ug/l	100
37) Ethyl Acetate	7.26	43	277293	144.945	ug/l	100
38) Carbon Tetrachloride	8.07	117	647421	152.379	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	787066	152.633	ug/l	99
40) Benzene	8.33	78	1819560	149.280	ug/l	100
41) Methacrylonitrile	7.49	41	183640	167.382	ug/l	97
42) 1,2-Dichloroethane	8.40	62	561613	148.196	ug/l	99
43) Isopropyl Acetate	8.43	43	582691	157.506	ug/l	99
44) Trichloroethene	9.10	130	477236	145.483	ug/l	99
45) 1,2-Dichloropropane	9.37	63	466500	152.433	ug/l	98
46) Dibromomethane	9.46	93	239550	146.451	ug/l	99
47) Bromodichloromethane	9.65	83	630061	157.738	ug/l	99
48) Methyl methacrylate	9.44	41	285322	162.266	ug/l	98
49) 1,4-Dioxane	9.49	88	71371	2815.448	ug/l	83
51) 4-Methyl-2-Pentanone	10.22	43	1503733	799.801	ug/l	99
52) Toluene	10.40	92	1193204	152.567	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	668011	162.396	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	748251	159.924	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	341074	150.899	ug/l	99
56) Ethyl methacrylate	10.65	69	467773	166.975	ug/l	98
57) 1,3-Dichloropropane	10.94	76	593635	152.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	962887	753.569	ug/l	99
59) 2-Hexanone	10.98	43	1062204	830.190	ug/l	99
60) Dibromochloromethane	11.13	129	424552	156.197	ug/l	100
61) 1,2-Dibromoethane	11.24	107	325031	149.244	ug/l	100
64) Tetrachloroethene	10.87	164	414017	136.192	ug/l	98
65) Chlorobenzene	11.66	112	1304643	147.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	469588	152.520	ug/l	99
67) Ethyl Benzene	11.74	91	2401510	153.848	ug/l	100
68) m/p-Xylenes	11.85	106	1812373	303.704	ug/l	98
69) o-Xylene	12.17	106	865300	153.763	ug/l	100
70) Styrene	12.19	104	1468470	156.275	ug/l	99
71) Bromoform	12.35	173	257843	156.710	ug/l	# 100
73) Isopropylbenzene	12.47	105	2403603	158.348	ug/l	100
74) N-amyl acetate	12.28	43	595674	170.293	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	396985	153.536	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	285898m	147.019	ug/l	
77) Bromobenzene	12.76	156	539913	150.877	ug/l	98
78) n-propylbenzene	12.81	91	2876588	158.700	ug/l	100
79) 2-Chlorotoluene	12.90	91	1607586	156.088	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1978688	156.314	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	135702	177.005	ug/l	97
82) 4-Chlorotoluene	13.00	91	1693474	154.020	ug/l	100
83) tert-Butylbenzene	13.21	119	1705911	153.103	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2031066	155.341	ug/l	100
85) sec-Butylbenzene	13.40	105	2472827	156.243	ug/l	100
86) p-Isopropyltoluene	13.51	119	2207334	155.977	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1080762	150.012	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	1049308	145.826	ug/l	100
89) n-Butylbenzene	13.84	91	2128565	158.956	ug/l	99
90) Hexachloroethane	14.10	117	400329	159.285	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	947359	147.676	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	68319	153.832	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061318\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	684859	149.949	ug/l	100
94) Hexachlorobutadiene	15.25	225	388851	145.296	ug/l	98
95) Naphthalene	15.38	128	1250013	154.748	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	595229	148.067	ug/l	99

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

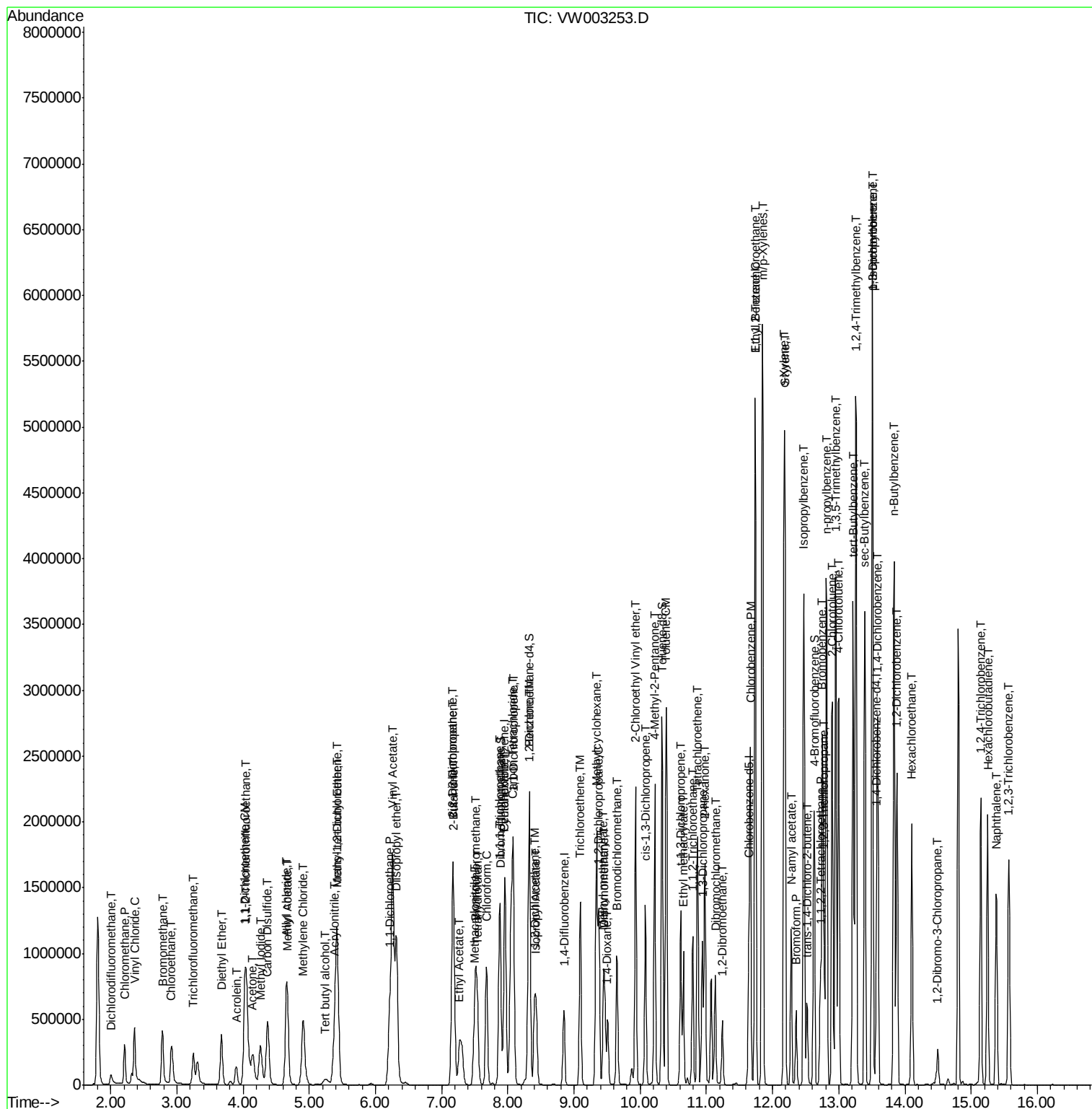
Data File : VW003253.D
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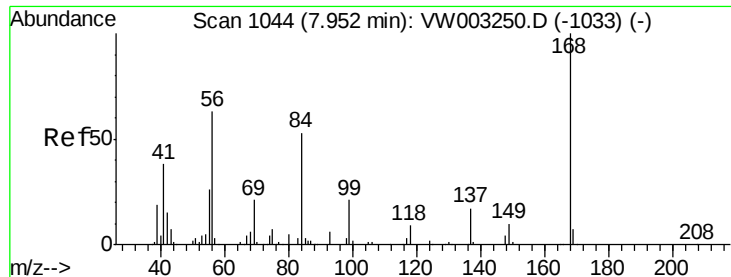
Instrument :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion:168 Resp: 295800

Ion Ratio Lower Upper

168 100

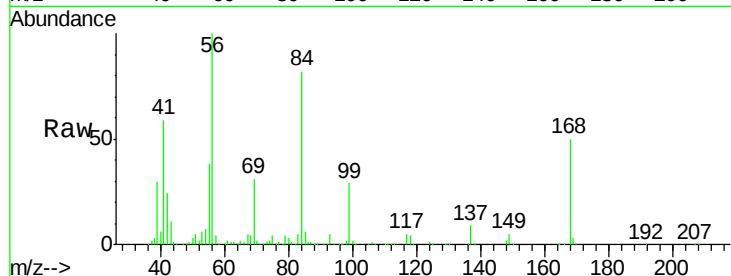
99 56.9 45.5 68.3

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

200000

150000

100000

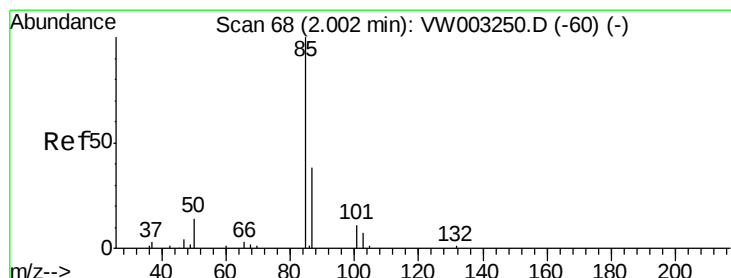
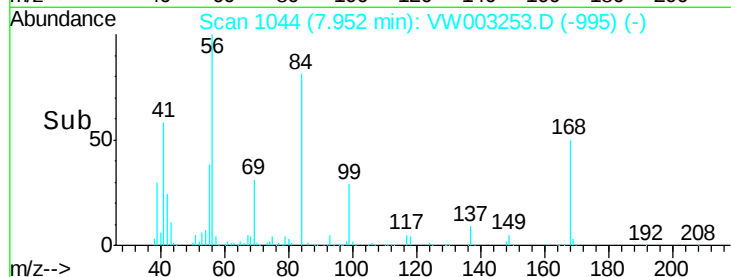
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 170.058 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003253.D

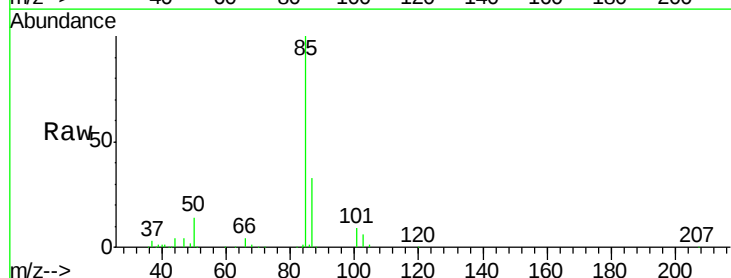
Acq: 13 Jun 2018 18:41

Tgt Ion: 85 Resp: 146075

Ion Ratio Lower Upper

85 100

87 32.8 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

30000

20000

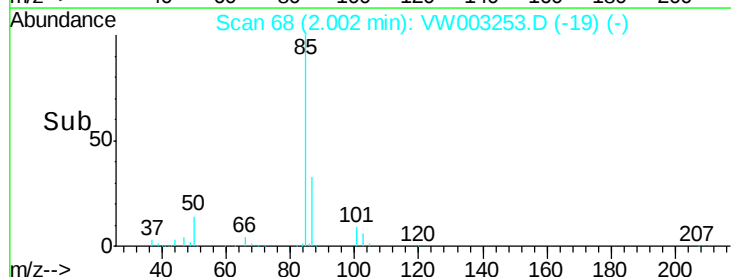
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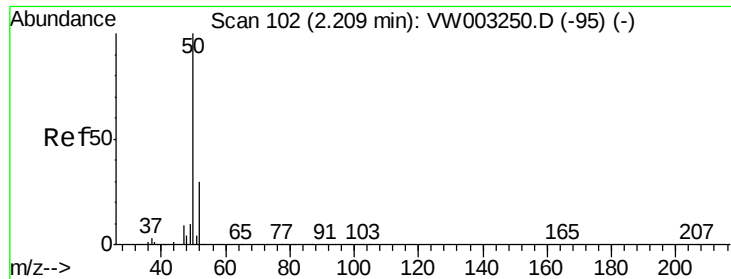
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 135.902 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 50 Resp: 308210

Ion Ratio Lower Upper

50 100

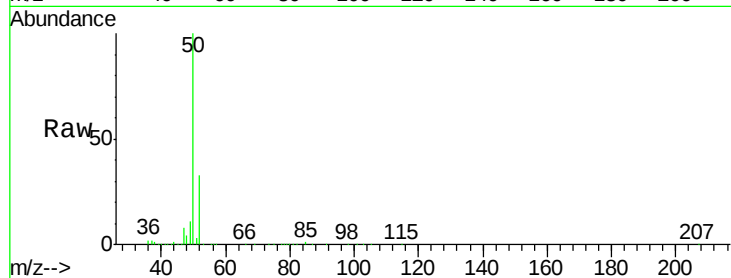
52 33.3 24.2 36.2

Manual Integrations

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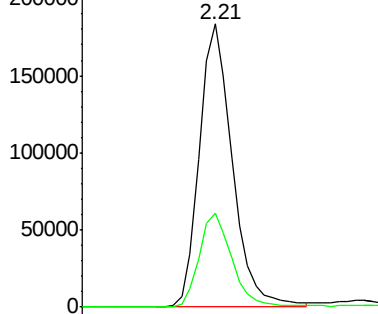
apatel

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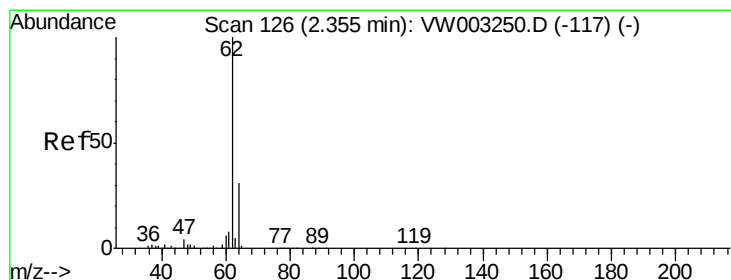
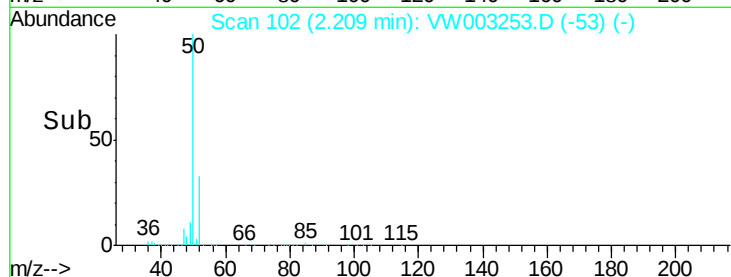


Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



Time-->



#4

Vinyl Chloride

Concen: 131.478 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003253.D

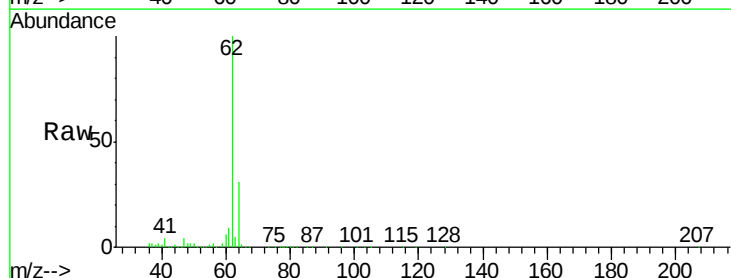
Acq: 13 Jun 2018 18:41

Tgt Ion: 62 Resp: 461008

Ion Ratio Lower Upper

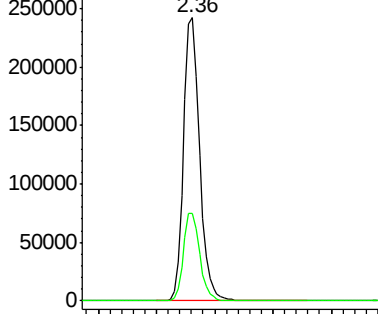
62 100

64 30.9 24.9 37.3

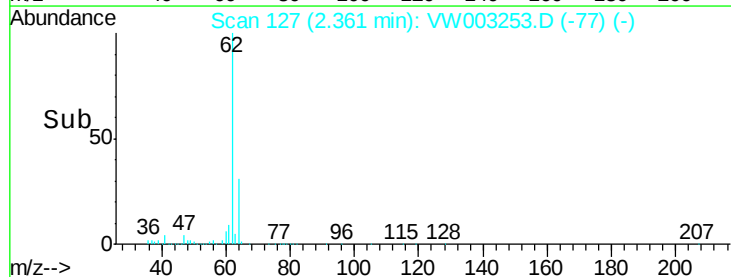


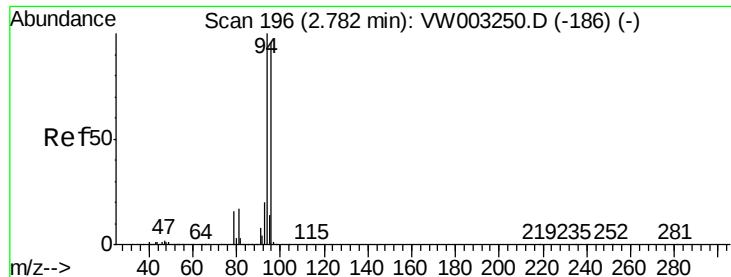
Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW



Time-->





#5

Bromomethane

Concen: 123.313 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003253.D

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VSTDIC150

Tgt Ion: 94 Resp: 312918

Ion Ratio Lower Upper

94 100

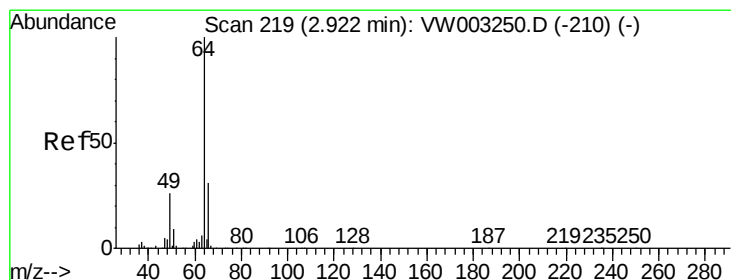
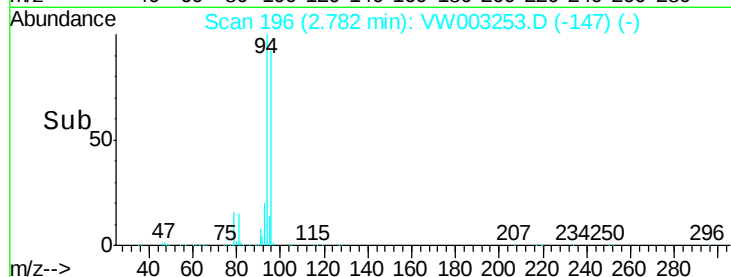
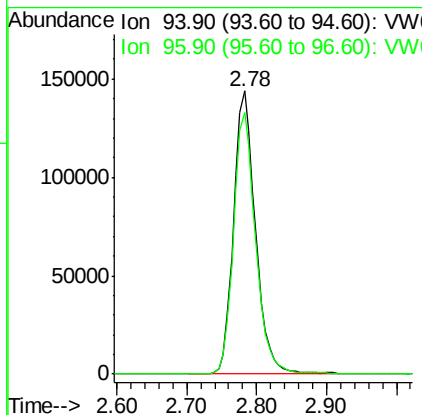
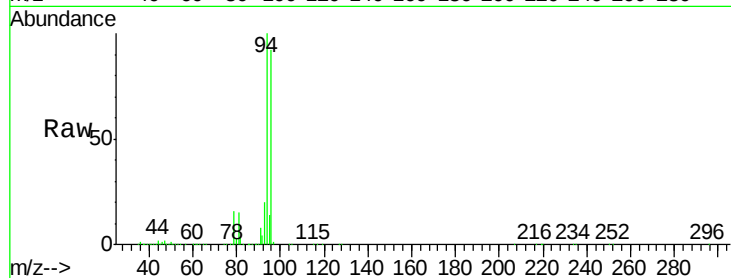
96 92.4 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 128.652 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003253.D

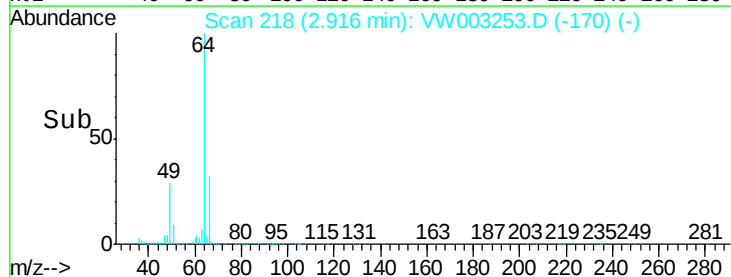
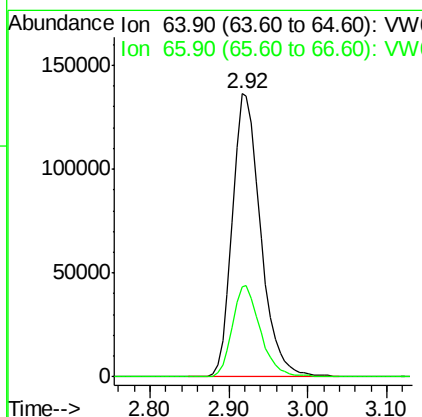
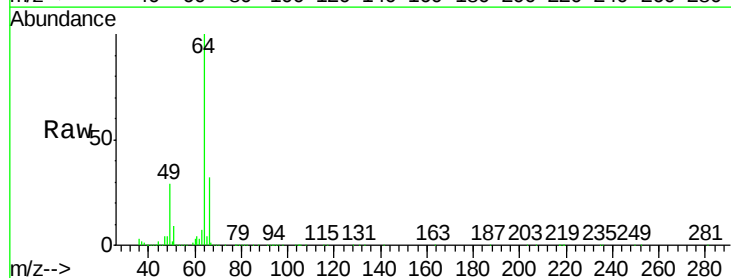
Acq: 13 Jun 2018 18:41

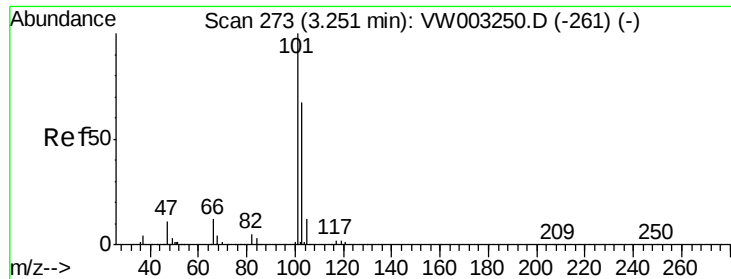
Tgt Ion: 64 Resp: 341042

Ion Ratio Lower Upper

64 100

66 31.7 24.4 36.6





#7

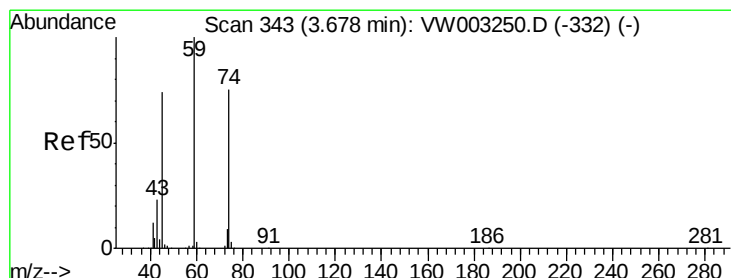
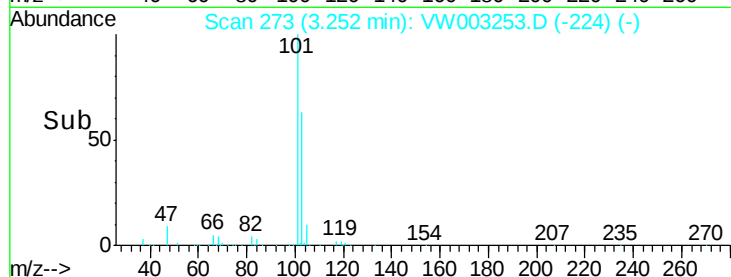
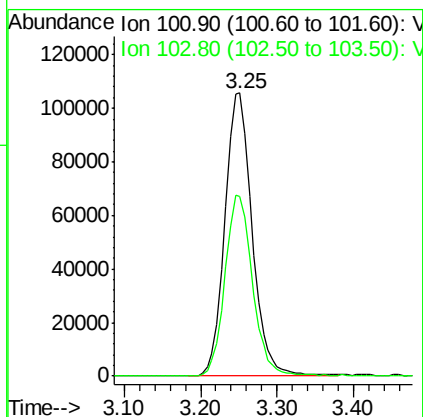
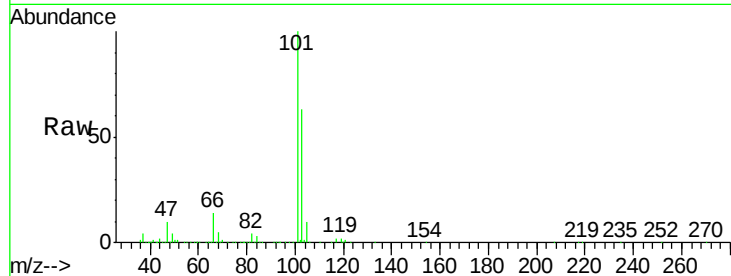
Trichlorofluoromethane
Concen: 133.142 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
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ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	261351		
103	63.2	53.4	80.0	

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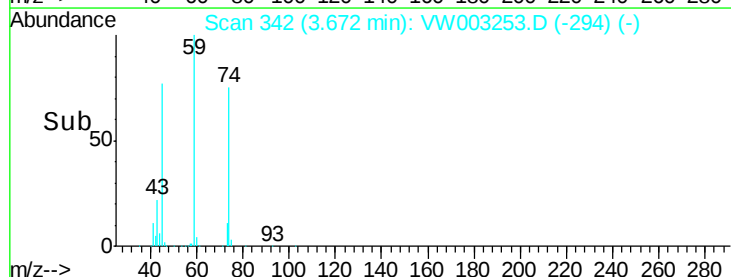
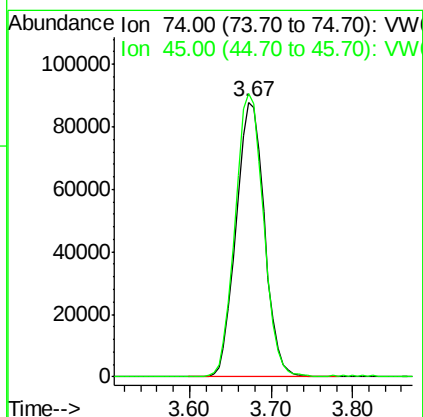
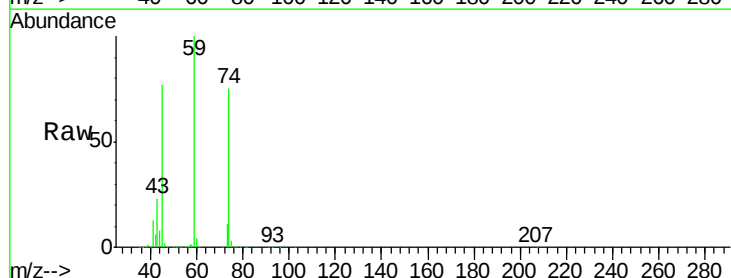
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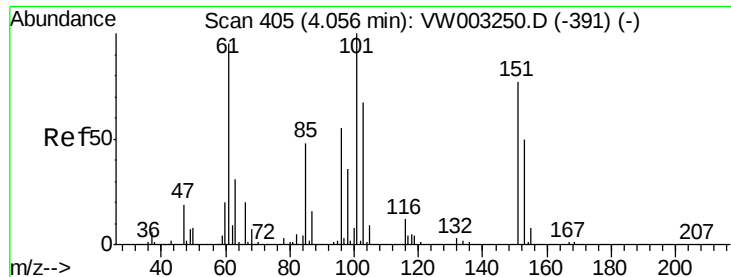


#8

Diethyl Ether
Concen: 135.301 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003253.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	210336		
45	103.0	51.4	154.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.805 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

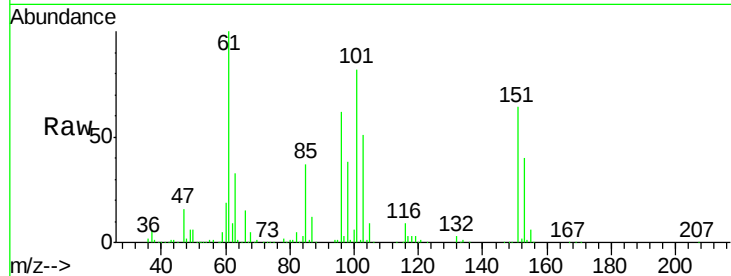
ClientSampleId :

VSTDIC150

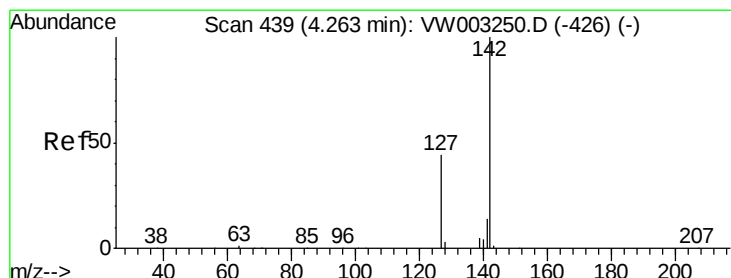
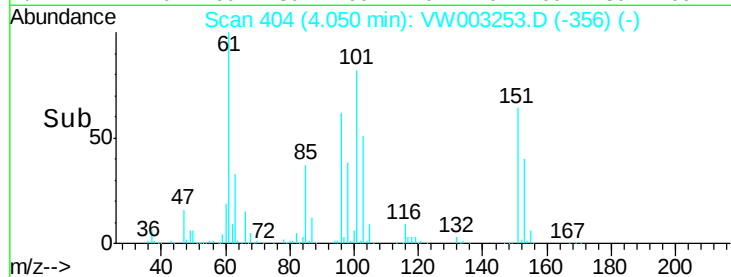
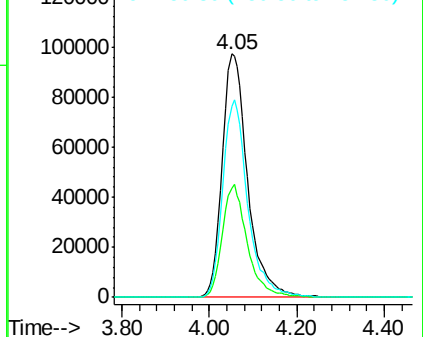
Tgt Ion:	101	Resp:	390765
Ion Ratio	Lower	Upper	
101	100		
85	45.5	37.0	55.6
151	80.0	63.3	94.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 138.823 ug/l

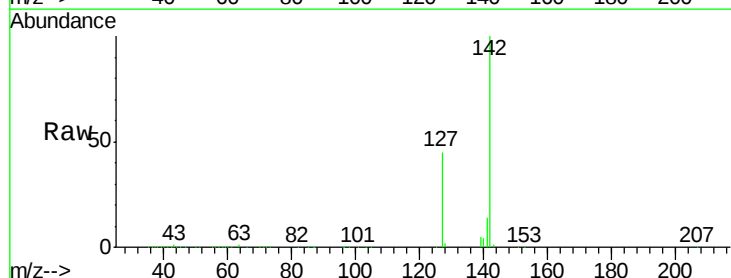
RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

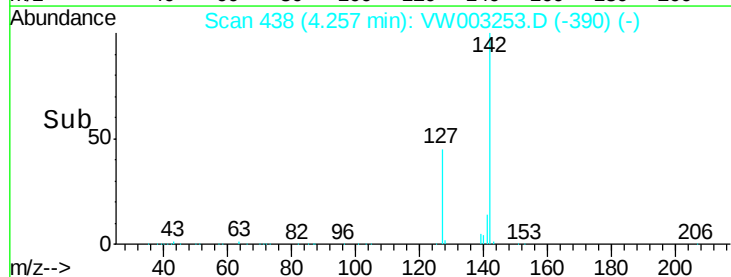
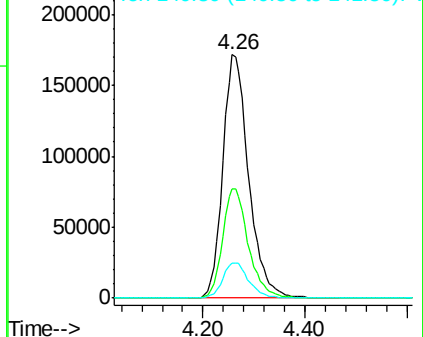
Lab File: VW003253.D

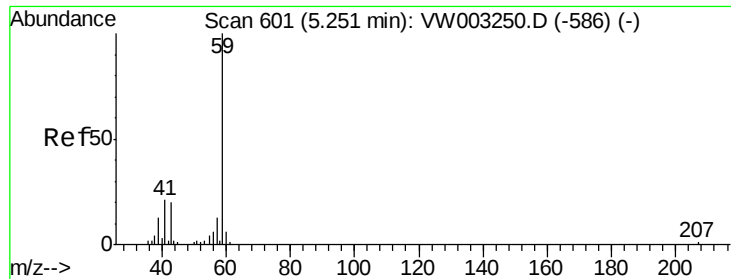
Acq: 13 Jun 2018 18:41

Tgt Ion:	142	Resp:	602105
Ion Ratio	Lower	Upper	
142	100		
127	44.8	36.5	54.7
141	14.7	12.1	18.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

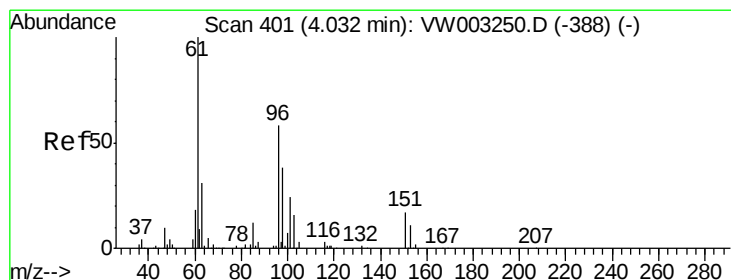
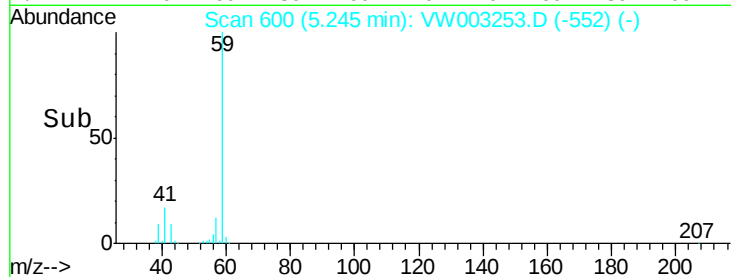
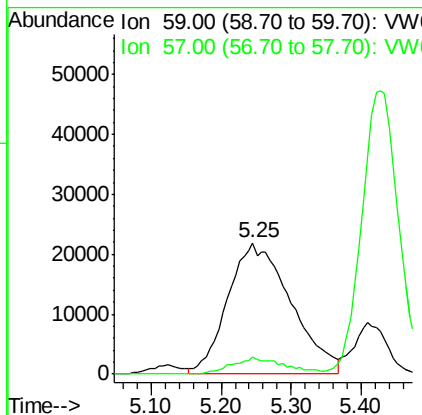
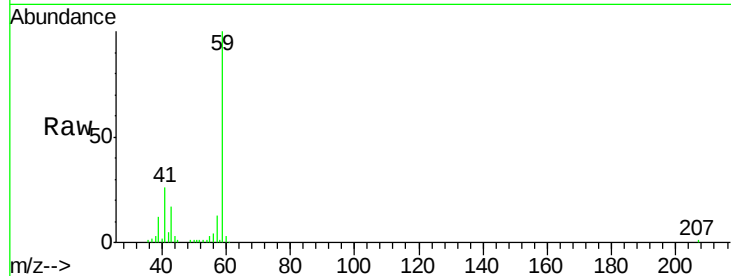
Tert butyl alcohol
Concen: 715.220 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 136804
Ion Ratio Lower Upper
59 100
57 10.6 4.2 6.2#

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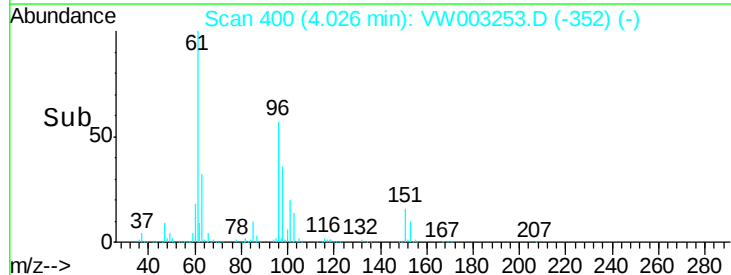
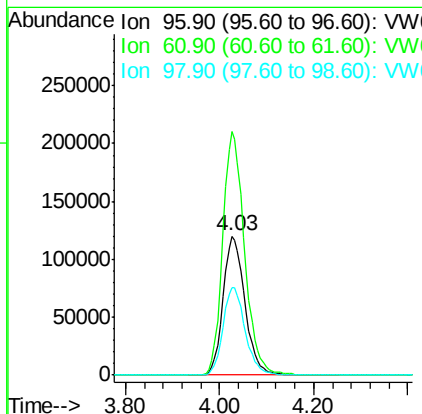
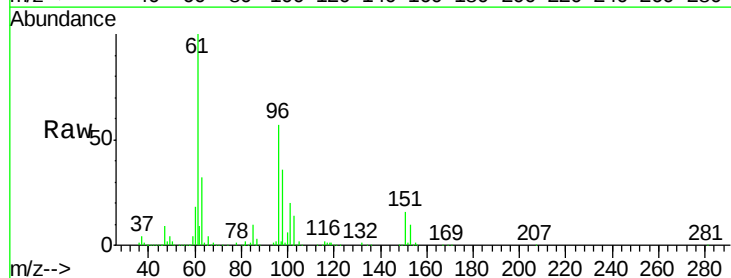
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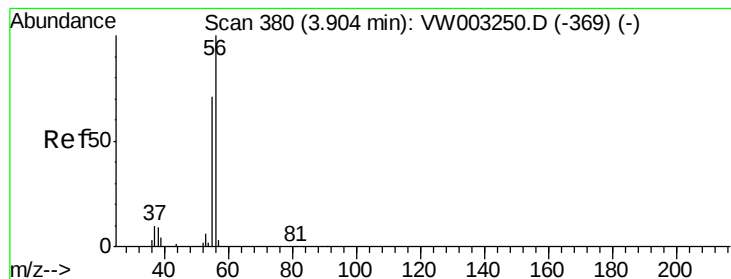


#12

1,1-Dichloroethene
Concen: 145.030 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion: 96 Resp: 386163
Ion Ratio Lower Upper
96 100
61 175.4 139.0 208.4
98 62.7 53.3 79.9





#13

Acrolein

Concen: 867.372 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 173082

Ion Ratio Lower Upper

56 100

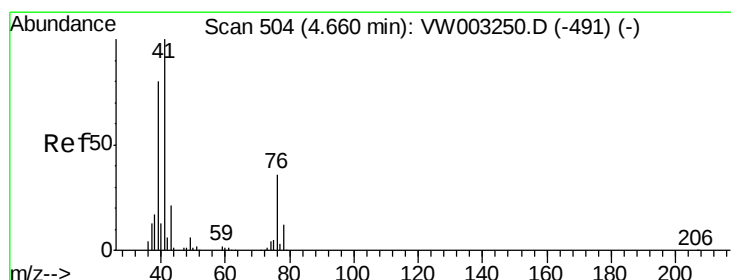
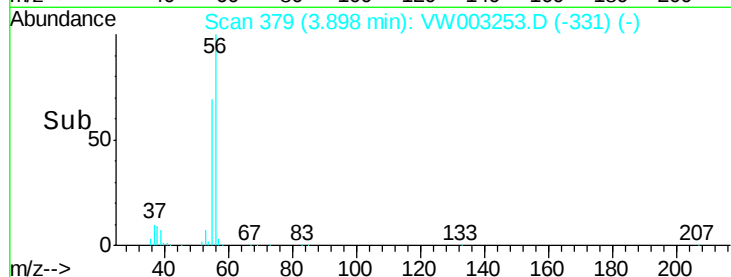
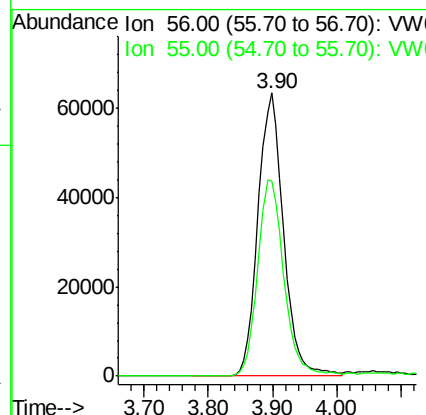
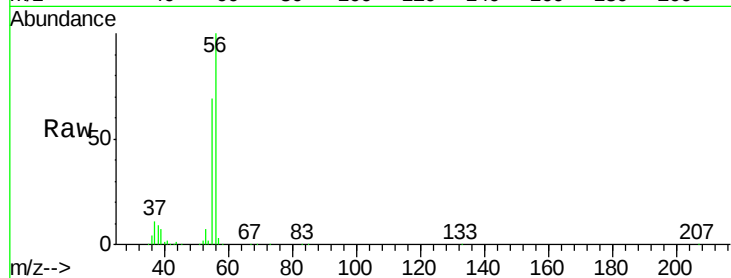
55 69.3 55.4 83.2

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#14

Allyl chloride

Concen: 159.959 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

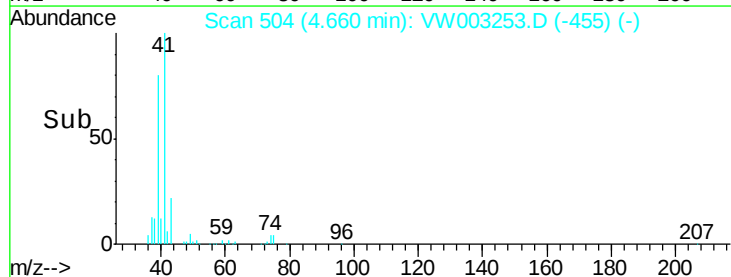
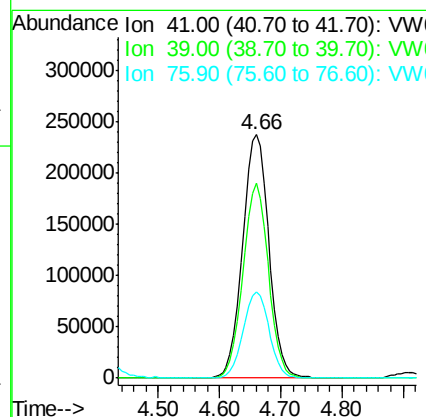
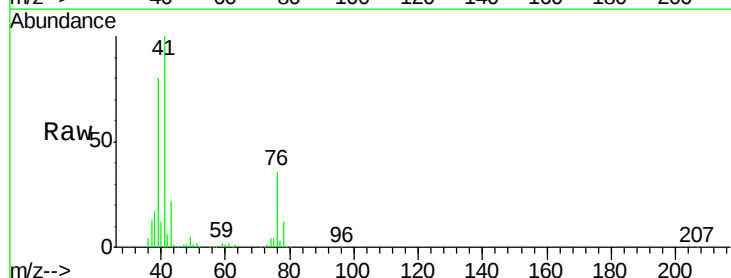
Tgt Ion: 41 Resp: 706428

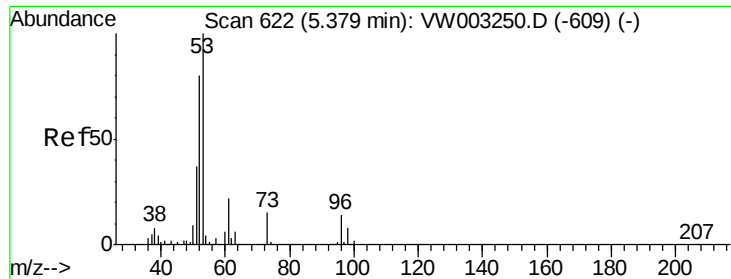
Ion Ratio Lower Upper

41 100

39 77.5 63.2 94.8

76 34.9 28.0 42.0





#15

Acrylonitrile

Concen: 763.975 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

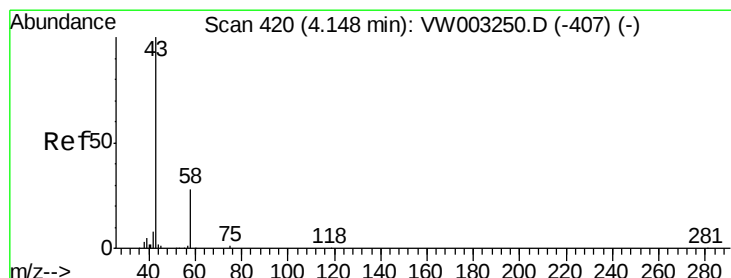
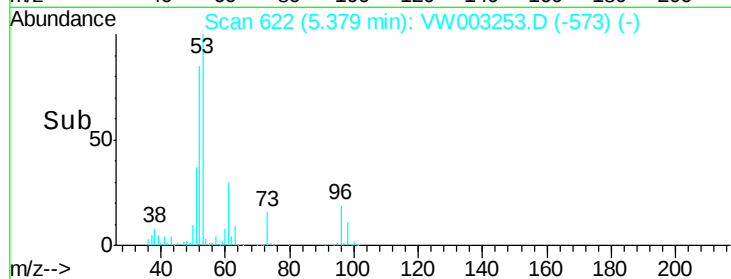
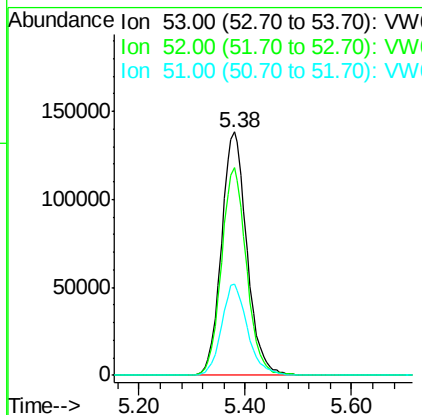
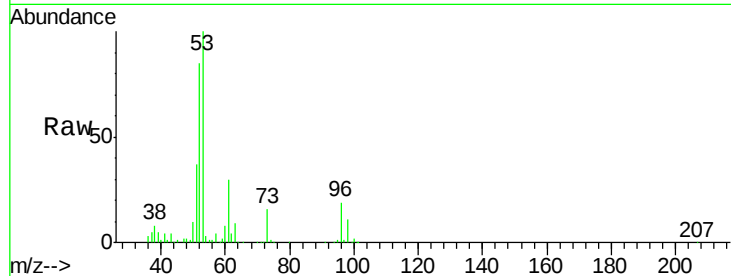
ClientSampleId :

VSTDIC150

Tgt Ion:	53	Resp:	459589
Ion Ratio		Lower	Upper
53	100		
52	83.9	66.6	100.0
51	38.0	30.6	46.0

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#16

Acetone

Concen: 798.763 ug/l

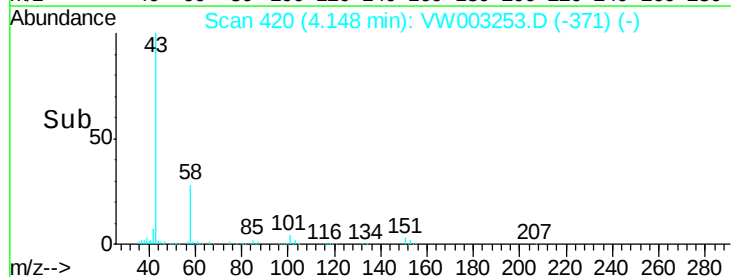
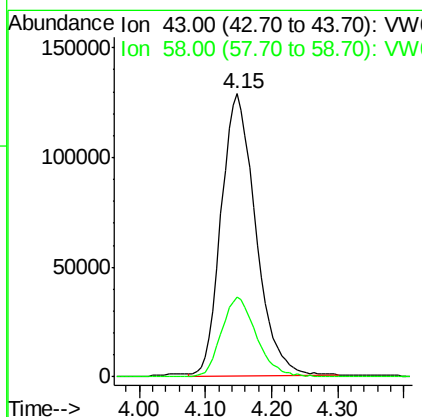
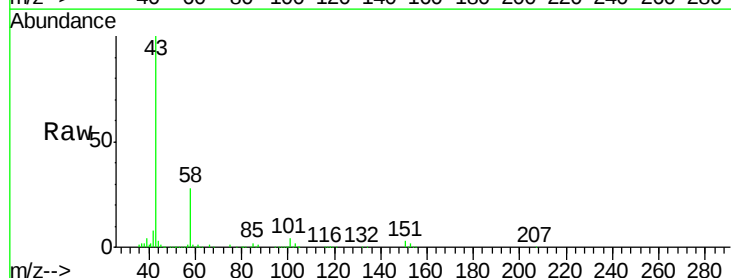
RT: 4.15 min Scan# 420

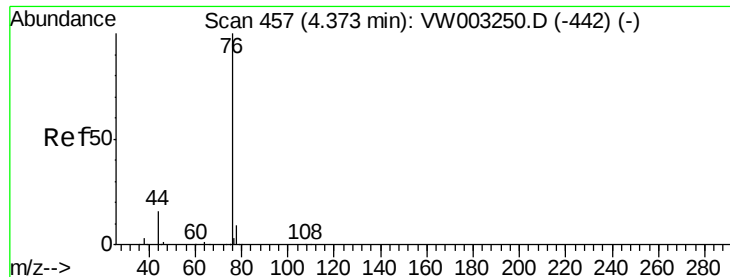
Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion:	43	Resp:	465927
Ion Ratio		Lower	Upper
43	100		
58	28.1	22.6	34.0





#17

Carbon Disulfide

Concen: 140.025 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 1124665

Ion Ratio Lower Upper

76 100

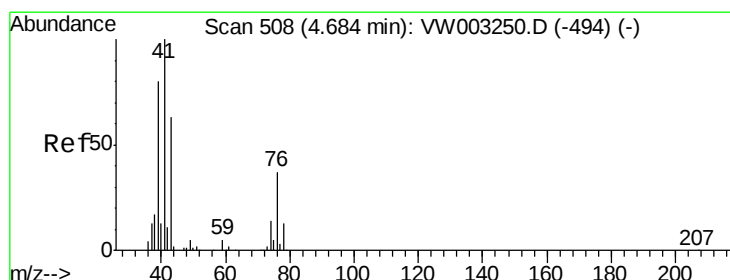
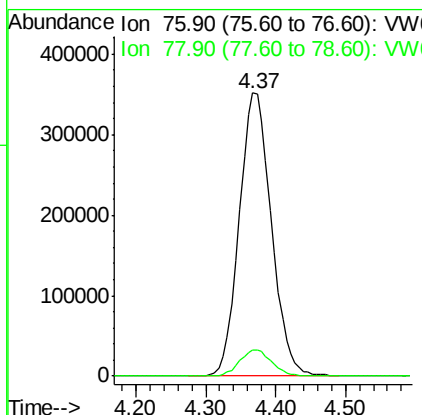
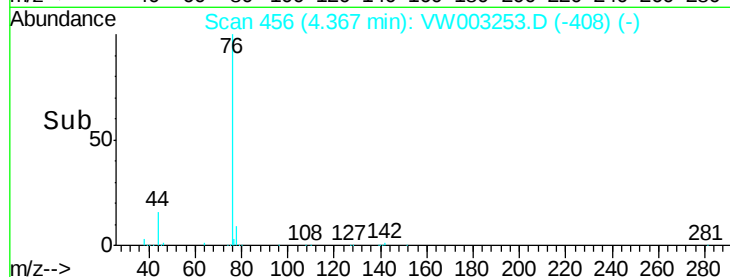
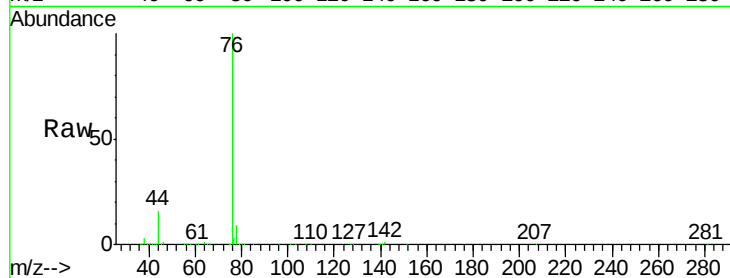
78 9.3 7.1 10.7

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#18

Methyl Acetate

Concen: 158.477 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003253.D

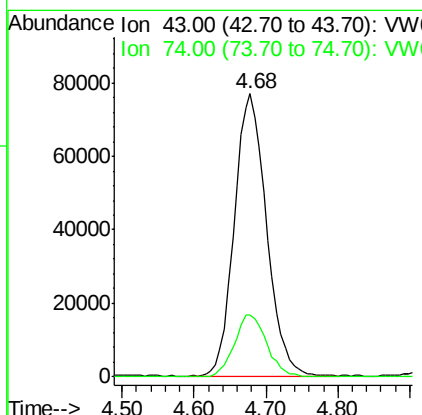
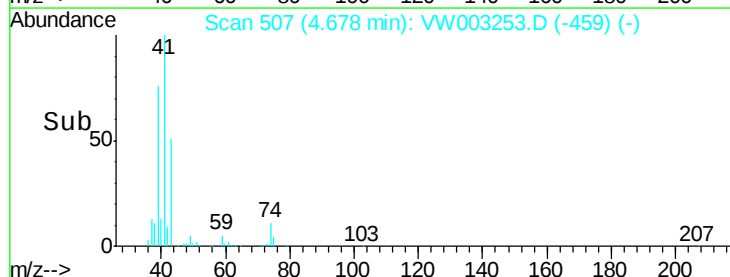
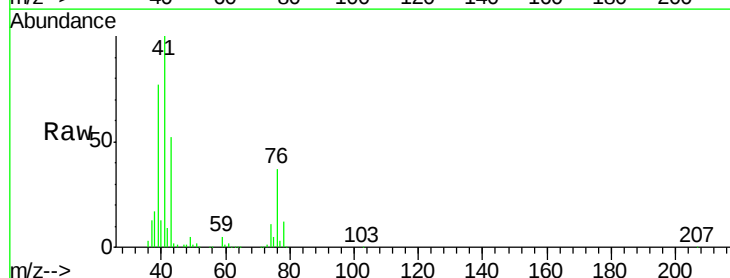
Acq: 13 Jun 2018 18:41

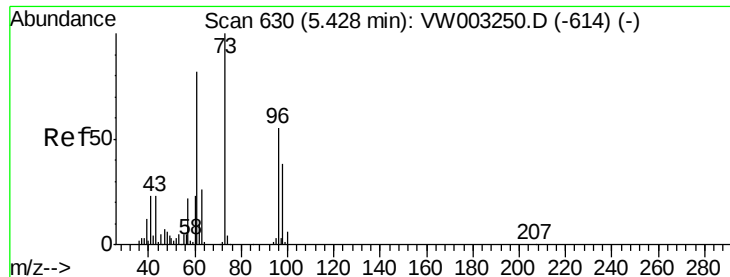
Tgt Ion: 43 Resp: 237968

Ion Ratio Lower Upper

43 100

74 22.3 18.7 28.1





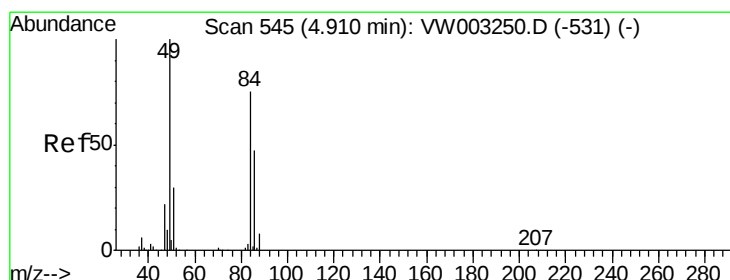
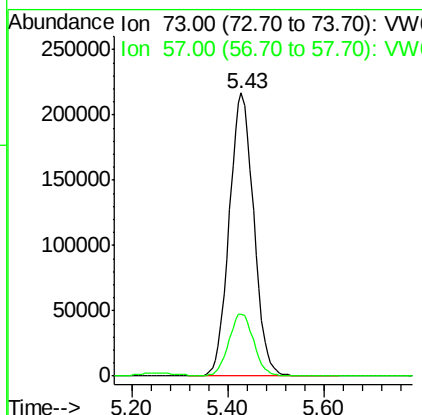
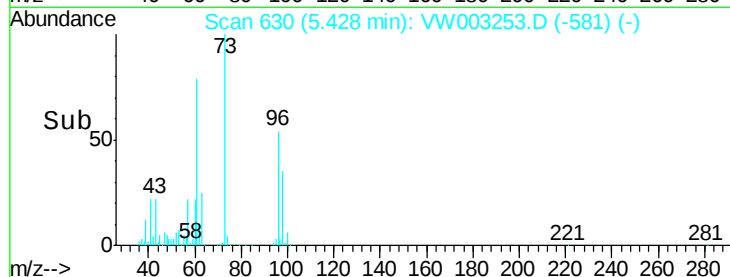
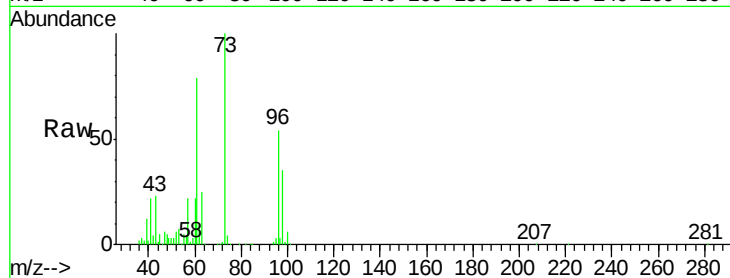
#19
Methyl tert-butyl Ether
Concen: 153.048 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 766430
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0

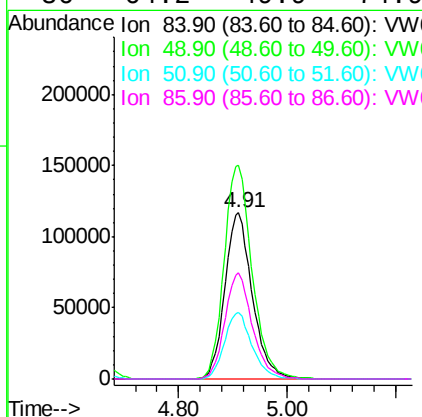
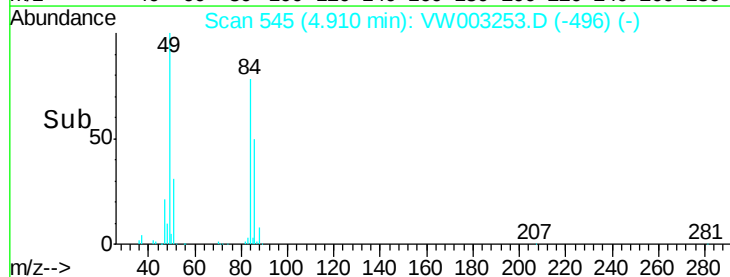
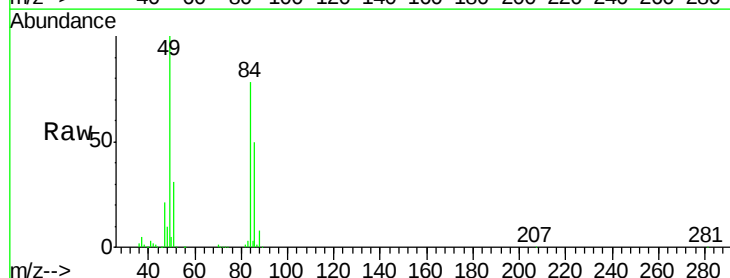
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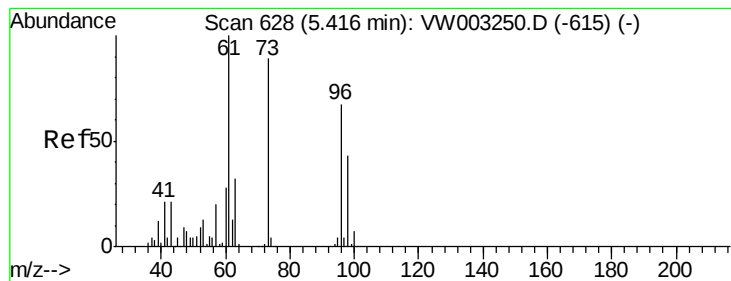
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#20
Methylene Chloride
Concen: 138.995 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion: 84 Resp: 410166
Ion Ratio Lower Upper
84 100
49 128.6 106.3 159.5
51 40.1 32.0 48.0
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 148.174 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

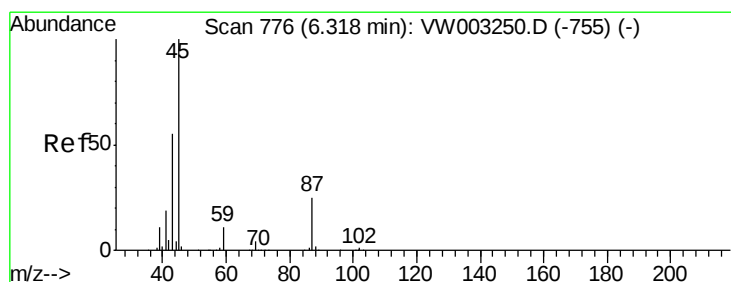
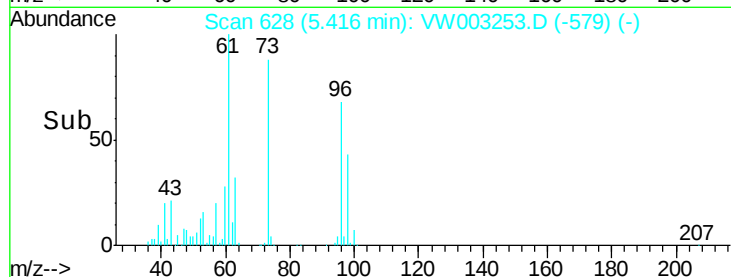
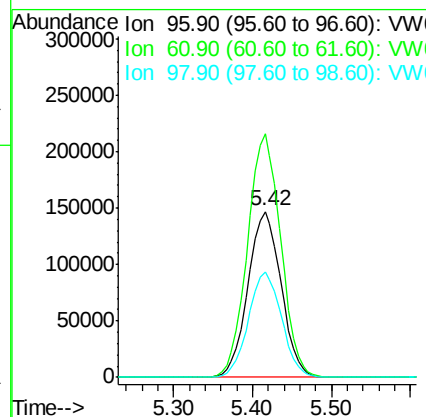
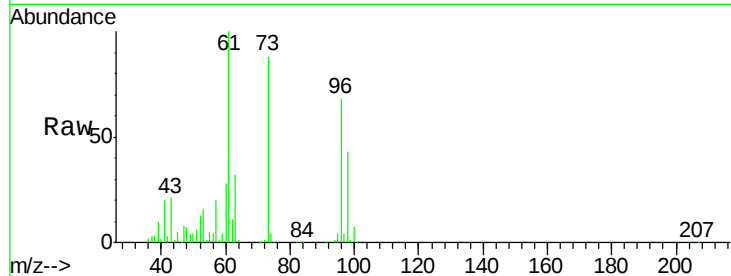
ClientSampleId :

VSTDIC150

Tgt Ion:	96	Resp:	429790
Ion	Ratio	Lower	Upper
96	100		
61	146.5	118.7	178.1
98	63.2	51.0	76.6

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#22

Diisopropyl ether

Concen: 163.392 ug/l

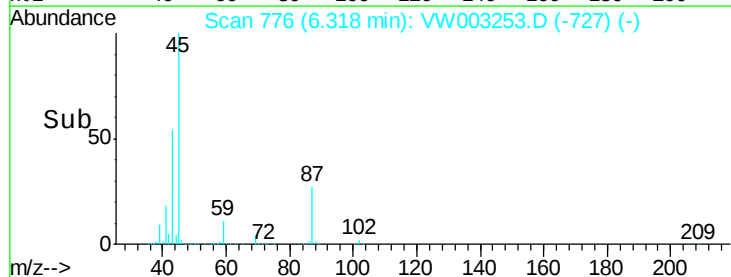
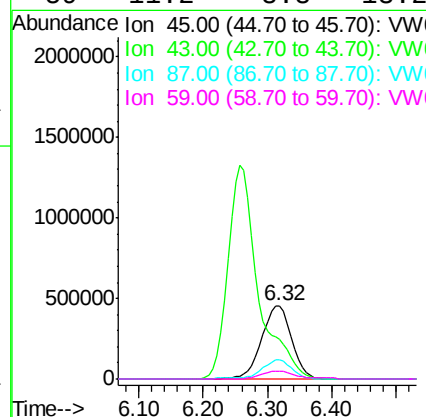
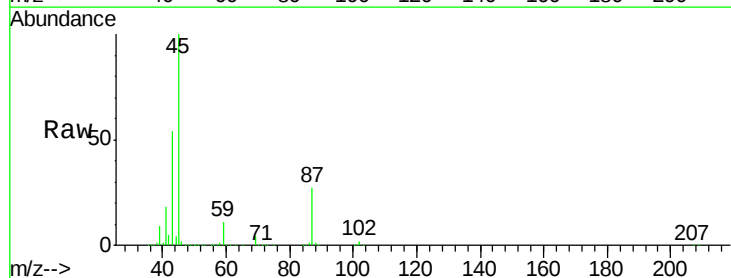
RT: 6.32 min Scan# 776

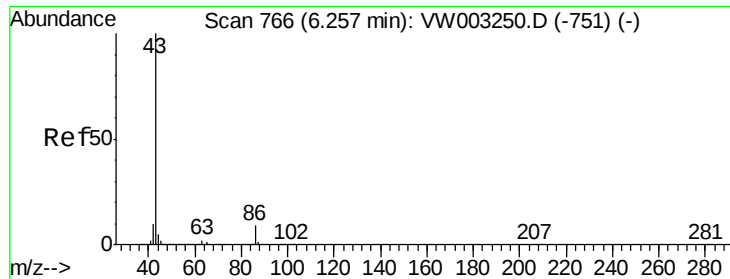
Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion:	45	Resp:	1471116
Ion	Ratio	Lower	Upper
45	100		
43	54.1	44.0	66.0
87	26.9	20.6	31.0
59	11.2	8.8	13.2





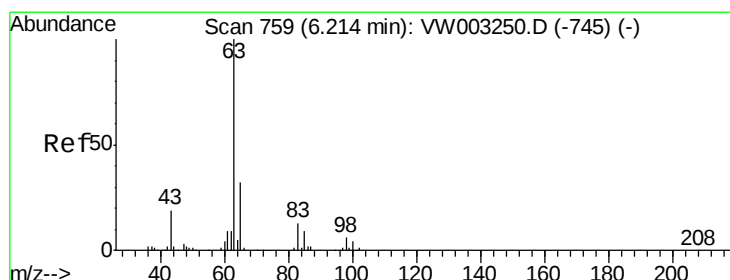
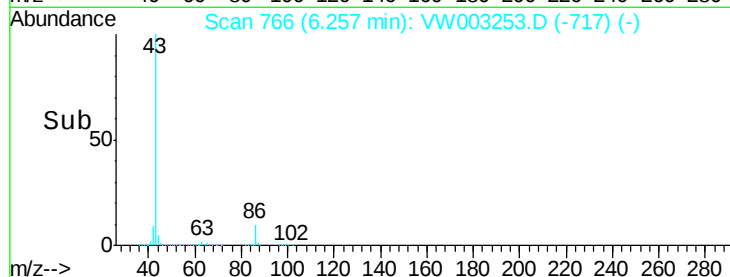
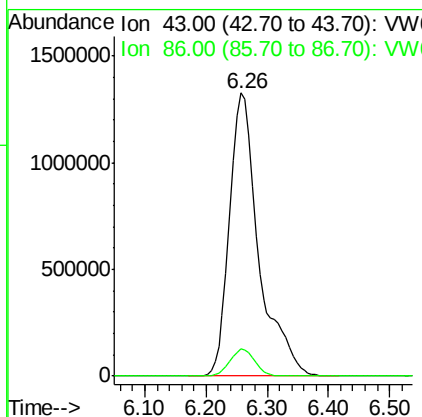
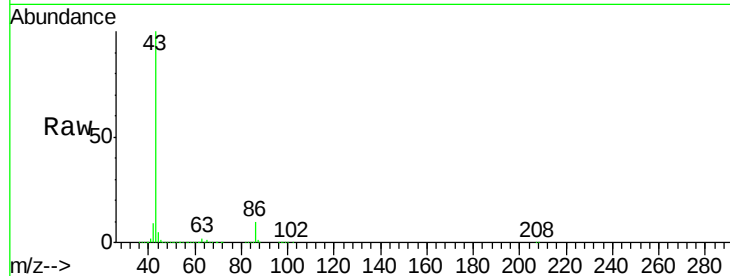
#23
 Vinyl Acetate
 Concen: 829.252 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tgt Ion: 43 Resp: 4394836
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

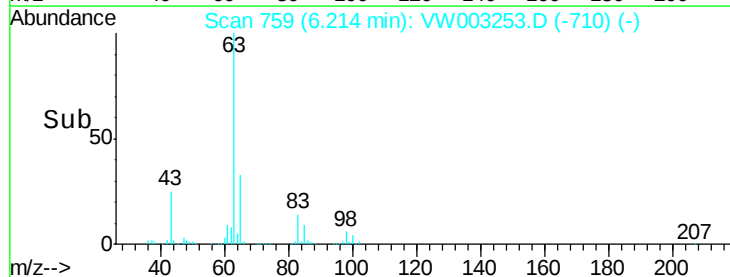
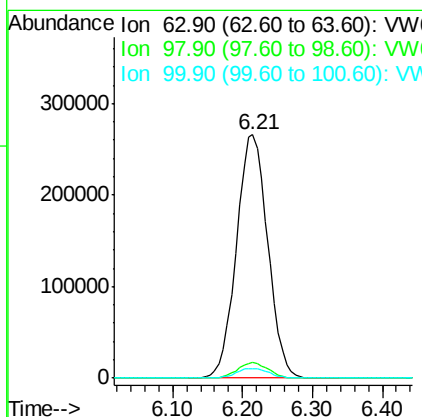
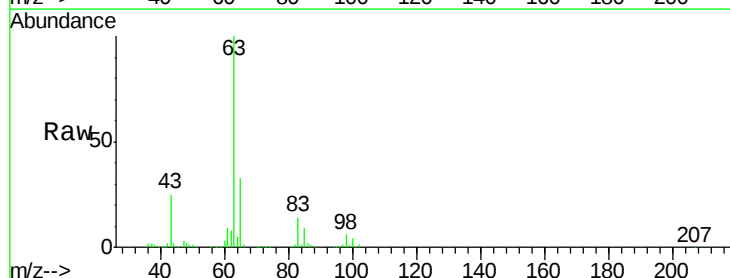
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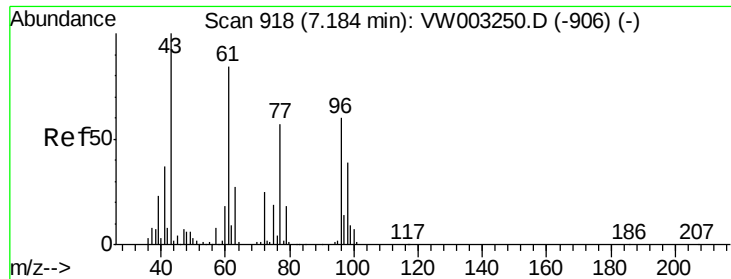
apatel
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#24
 1,1-Dichloroethane
 Concen: 155.208 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion: 63 Resp: 823531
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.8 8.3
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 821.161 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tgt Ion: 43 Resp: 656993

Ion Ratio Lower Upper

43 100

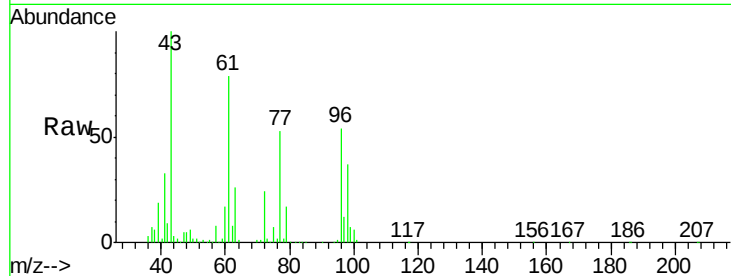
72 24.4 20.3 30.5

Manual Integrations

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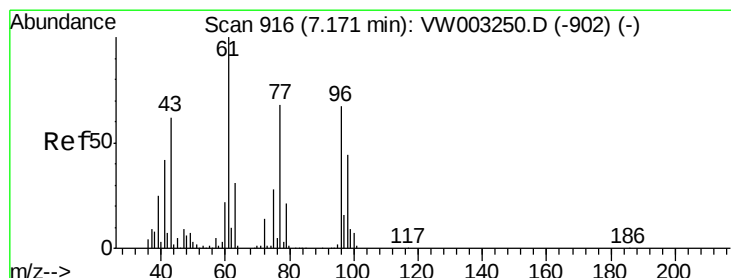
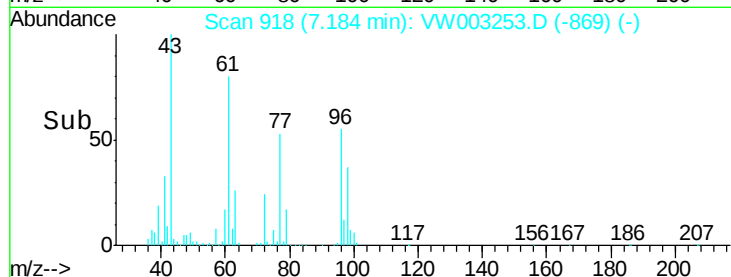
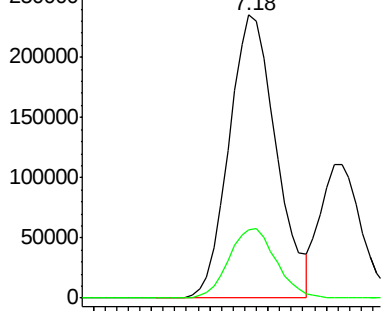
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 155.664 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003253.D

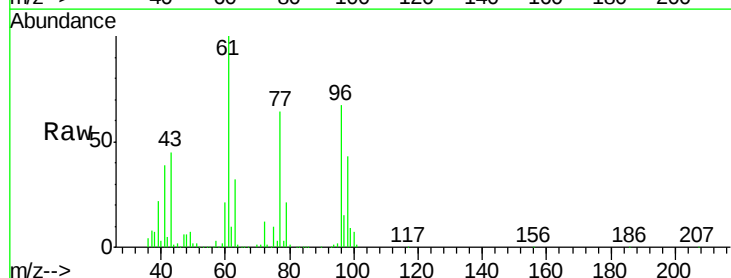
Acq: 13 Jun 2018 18:41

Tgt Ion: 77 Resp: 509303

Ion Ratio Lower Upper

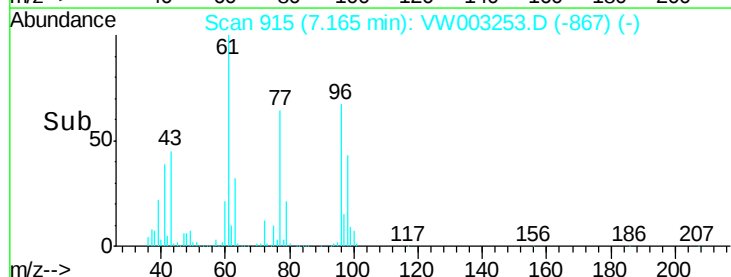
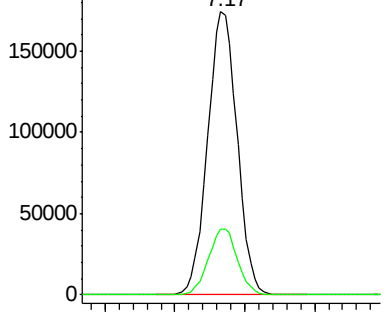
77 100

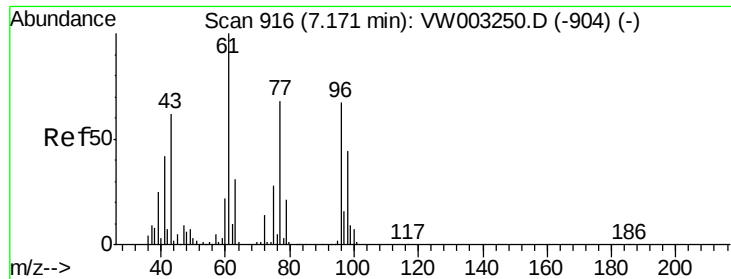
97 22.8 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





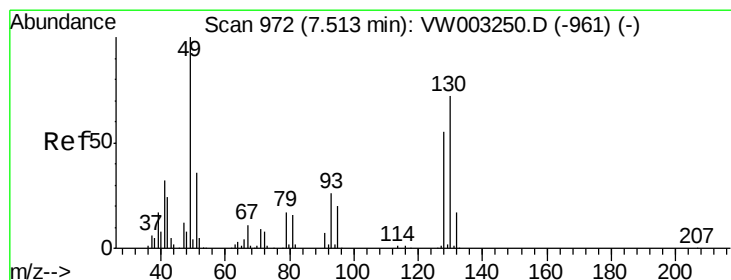
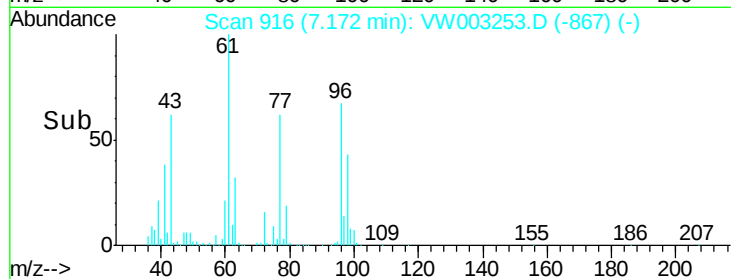
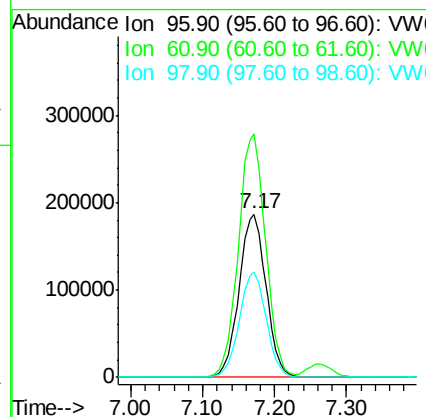
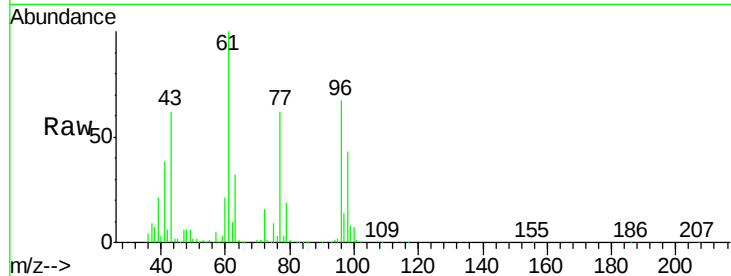
#27
 cis-1,2-Dichloroethene
 Concen: 152.373 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	485479		
61	150.1	0.0	298.8	
98	64.3	0.0	130.4	

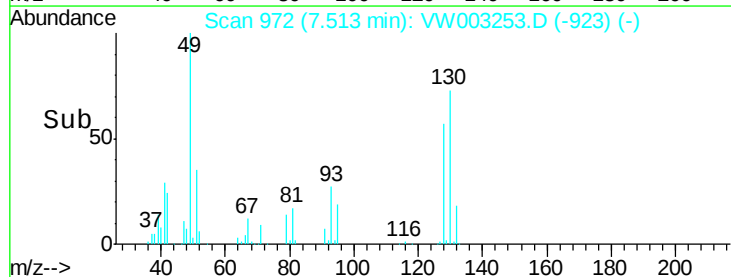
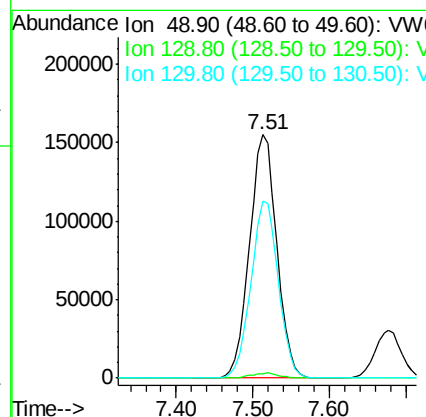
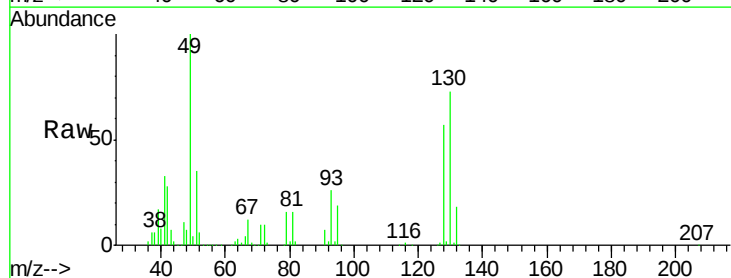
Manual Integrations
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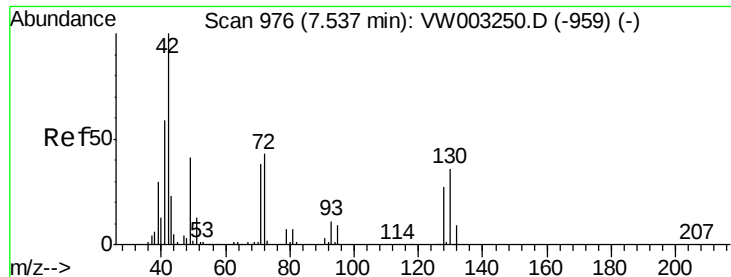
apatel
 6/14/2018 10:03:45 AM



#28
 Bromochloromethane
 Concen: 179.812 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	384989		
129	2.1	0.0	4.6	
130	73.1	59.4	89.2	





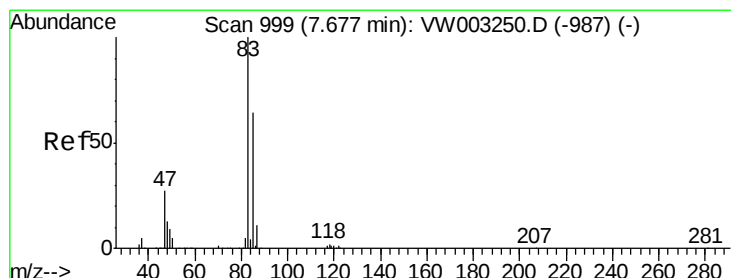
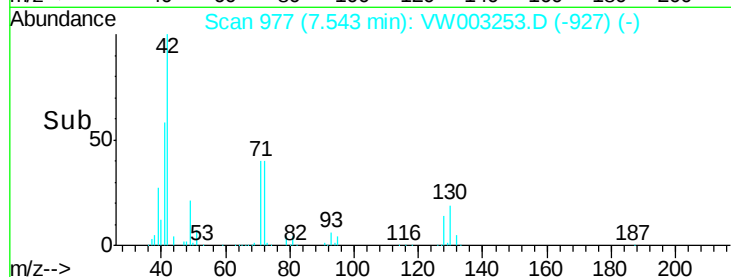
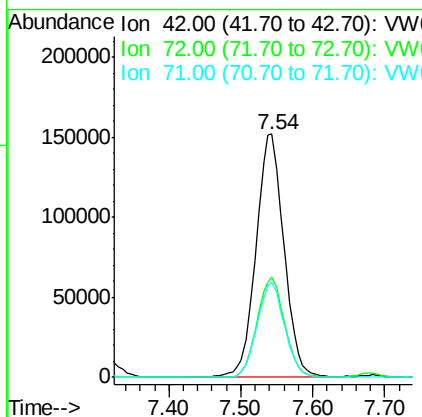
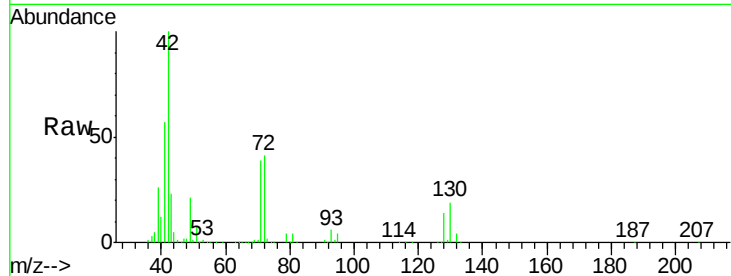
#29
Tetrahydrofuran
Concen: 792.413 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:	42	Resp:	408869
Ion Ratio		Lower	Upper
42	100		
72	40.6	32.4	48.6
71	38.5	31.2	46.8

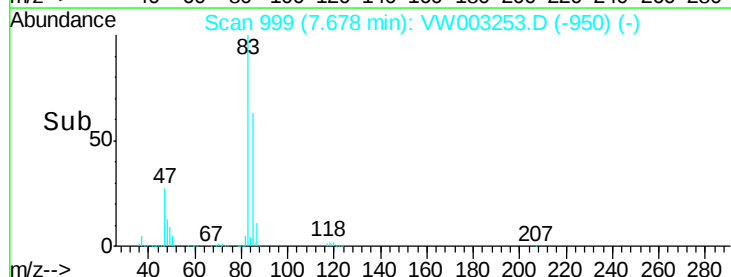
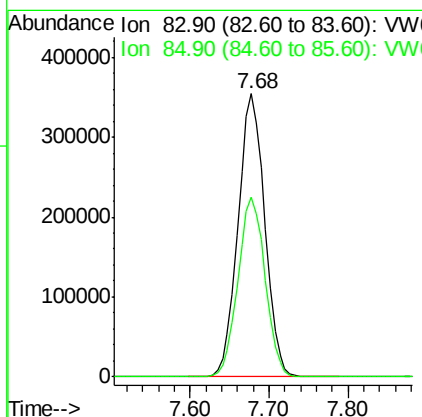
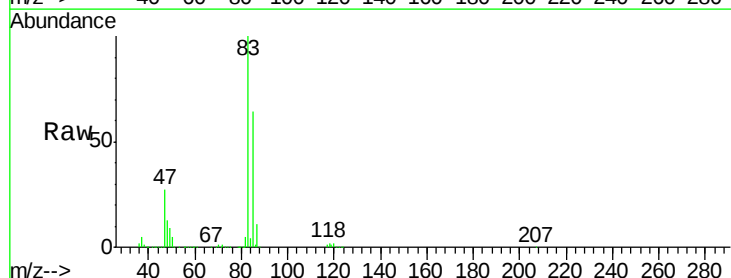
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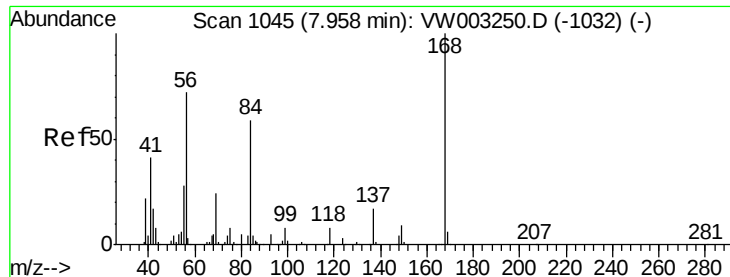
apatel
6/14/2018 10:03:45 AM



#30
Chloroform
Concen: 153.340 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion:	83	Resp:	836294
Ion Ratio		Lower	Upper
83	100		
85	63.5	51.3	76.9





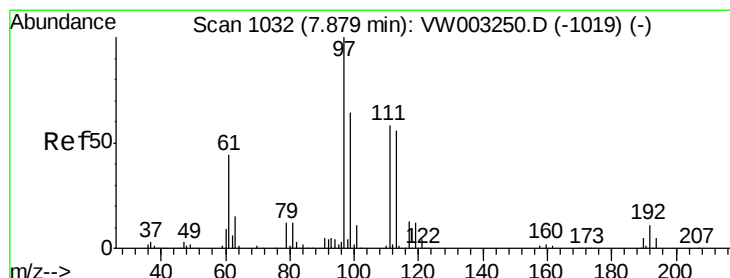
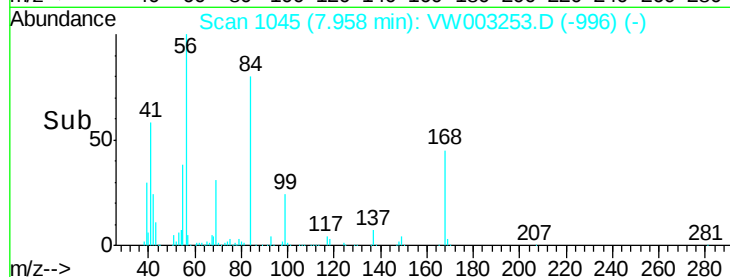
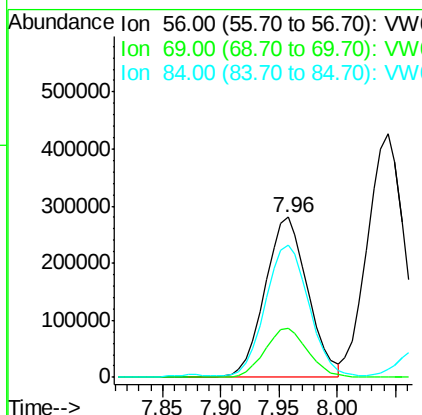
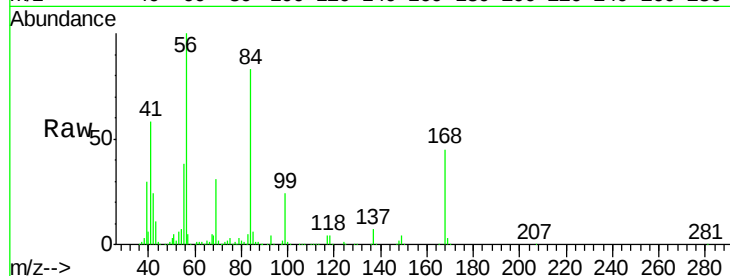
#31
Cyclohexane
Concen: 142.780 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.7	26.3	39.5
84	80.9	65.7	98.5

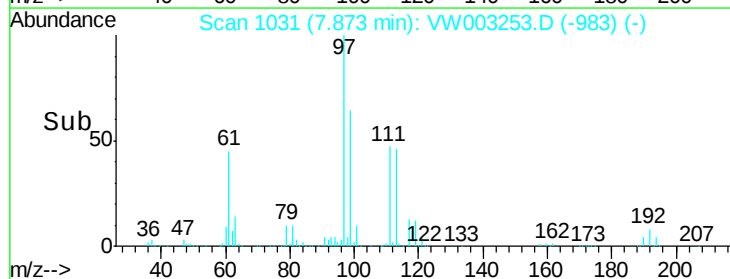
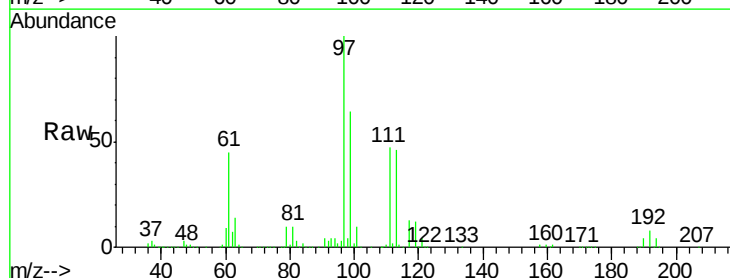
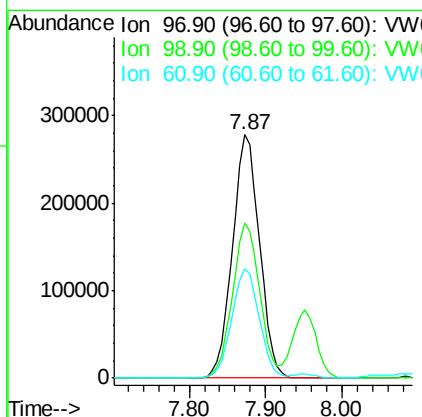
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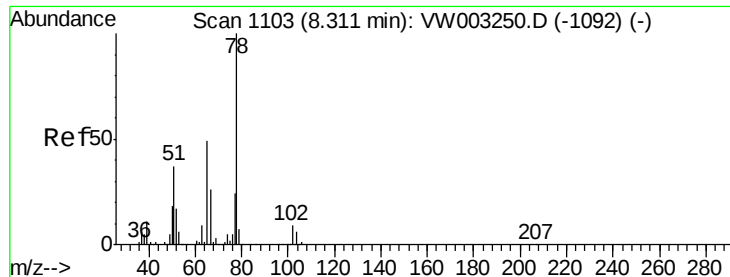
apatel
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#32
1,1,1-Trichloroethane
Concen: 153.875 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	45.6	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 169.909 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tgt Ion: 65 Resp: 496461

Ion Ratio Lower Upper

65 100

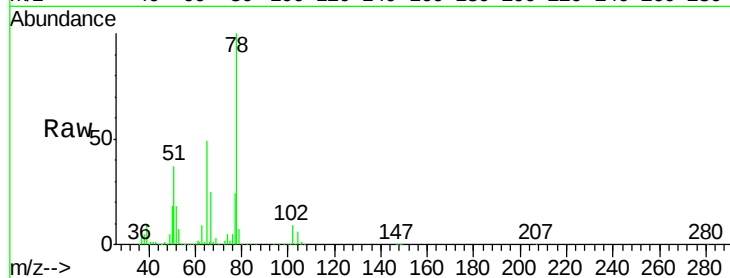
67 51.8 0.0 104.2

Manual Integrations

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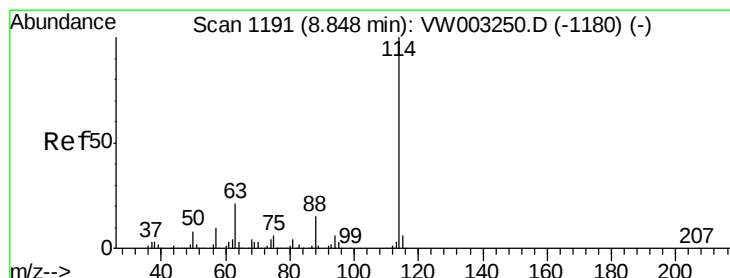
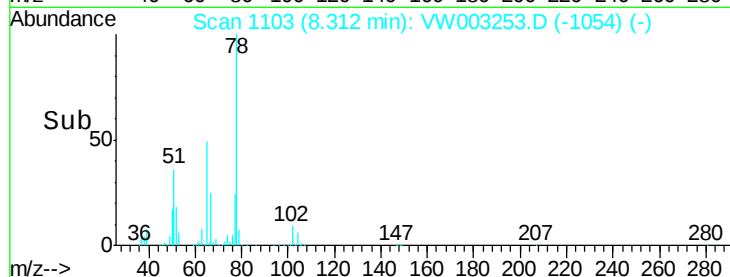
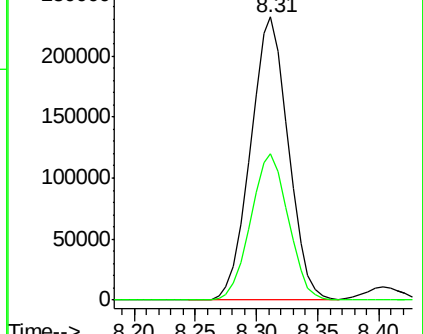
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

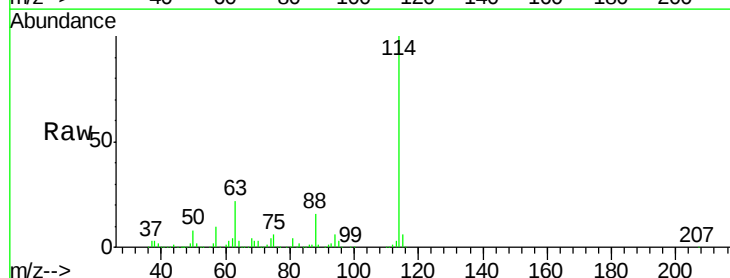
Tgt Ion: 114 Resp: 463178

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.0

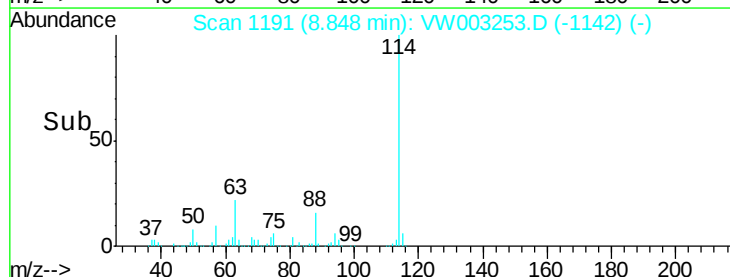
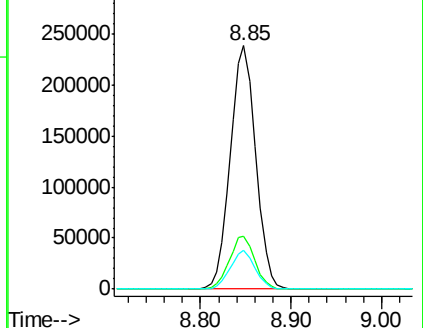
88 15.9 0.0 29.6

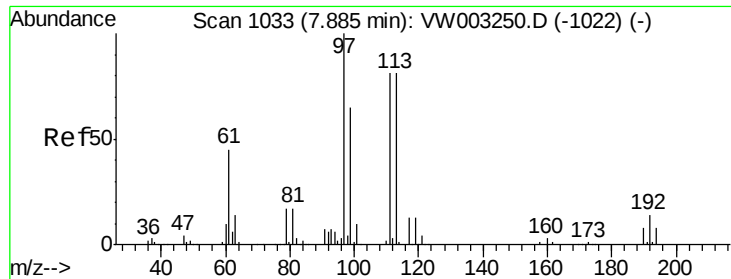


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





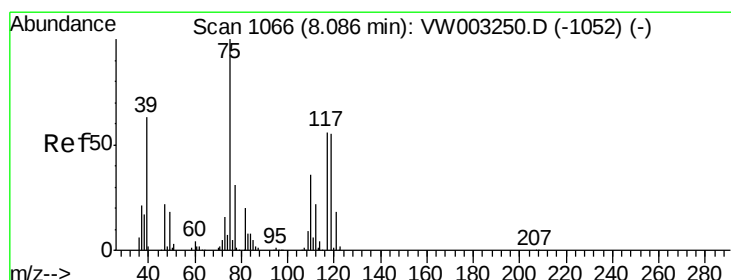
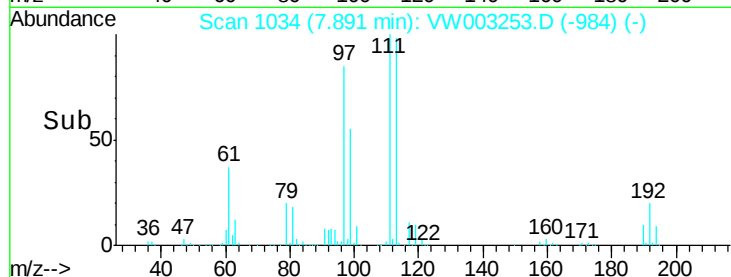
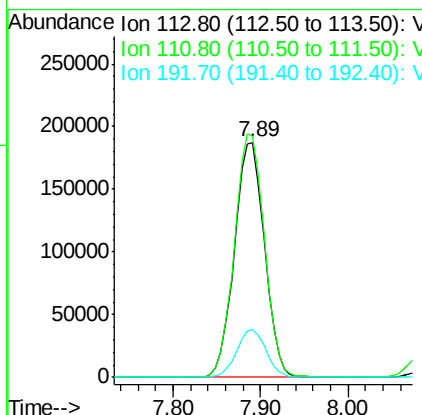
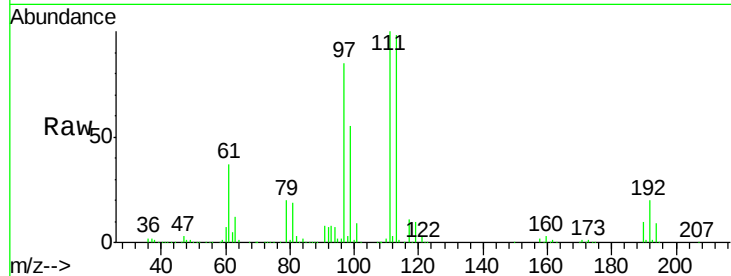
#35
 Dibromofluoromethane
 Concen: 164.038 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	448668		
111	103.2	82.2	123.2	
192	20.0	16.2	24.2	

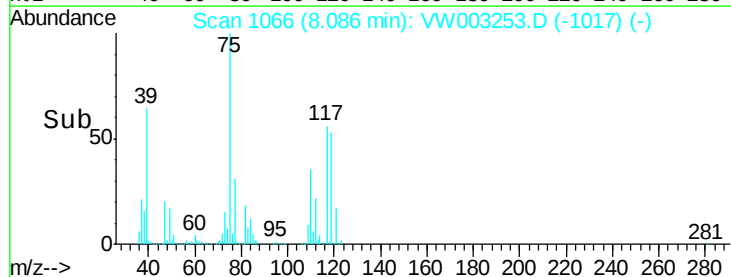
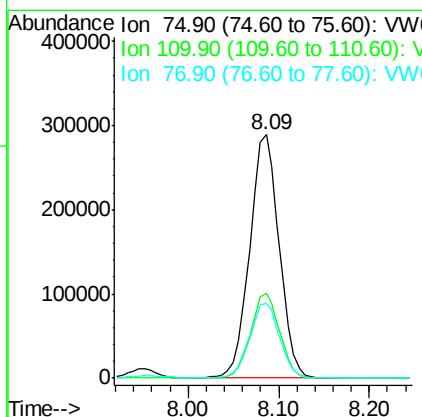
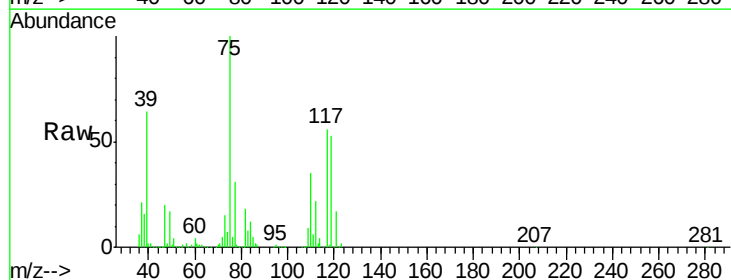
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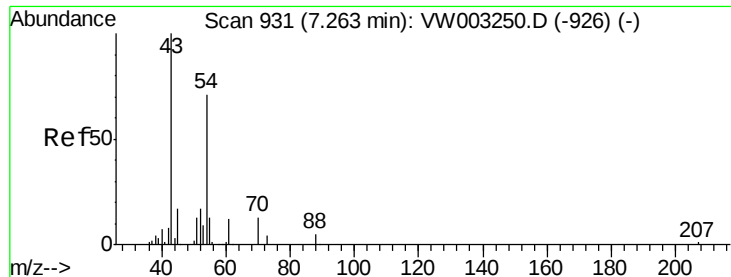
apatel
 6/14/2018 10:03:45 AM



#36
 1,1-Dichloropropene
 Concen: 148.656 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	647097		
110	34.4	17.1	51.3	
77	31.2	24.9	37.3	





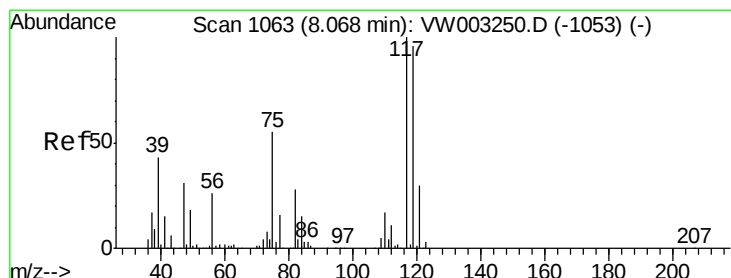
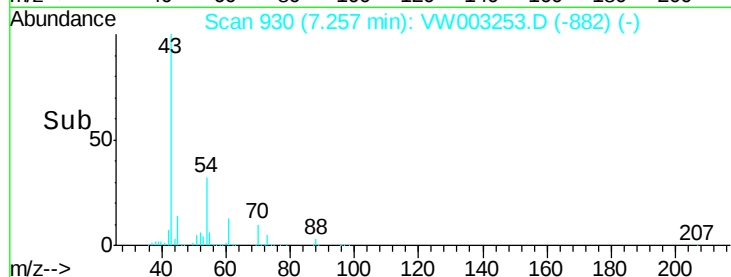
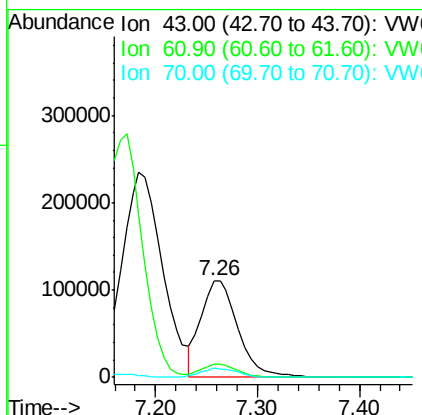
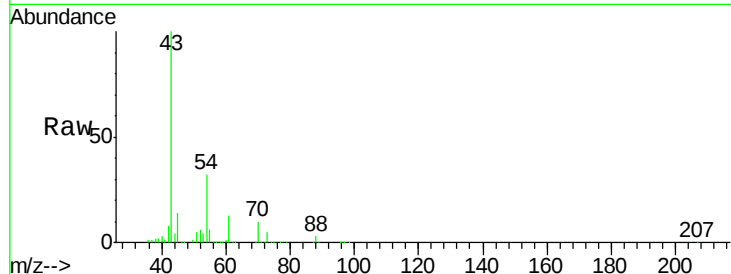
#37
Ethyl Acetate
Concen: 144.945 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	9.6	7.8	11.6

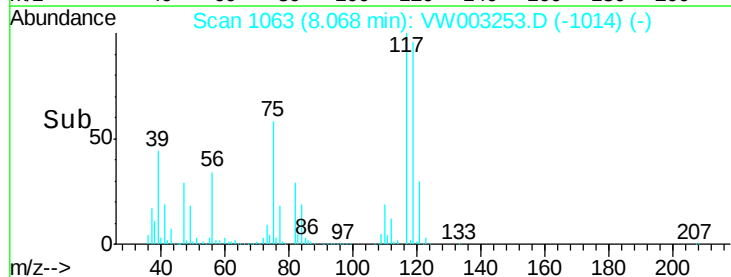
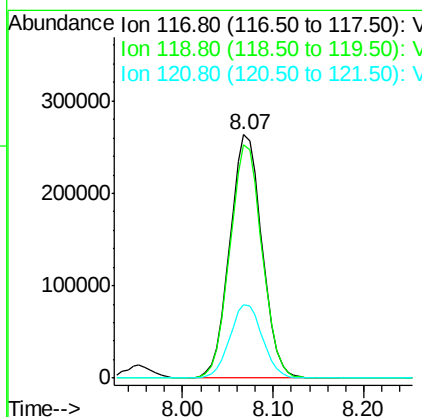
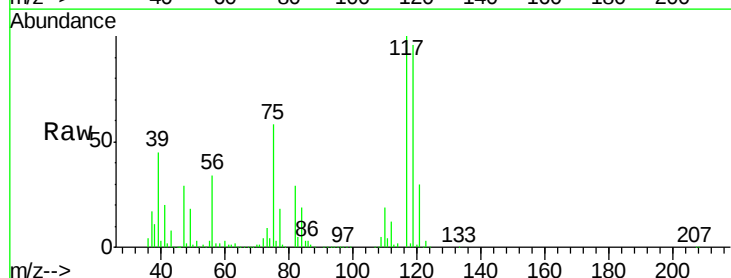
Manual Integrations
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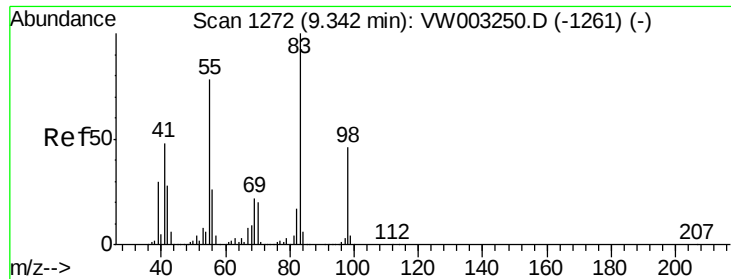
apatel
6/14/2018 10:03:45 AM



#38
Carbon Tetrachloride
Concen: 152.379 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
121	30.3	23.9	35.9





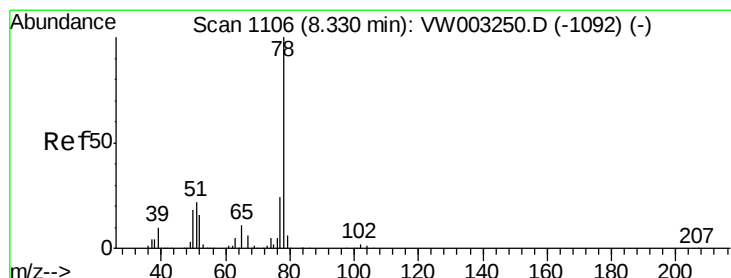
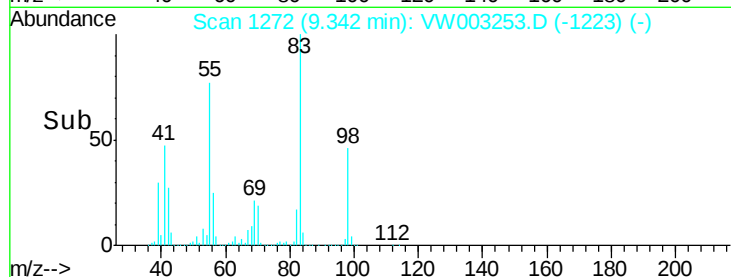
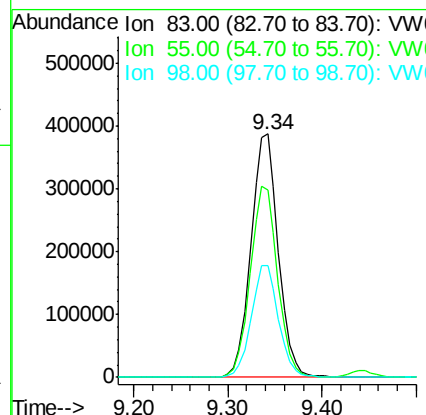
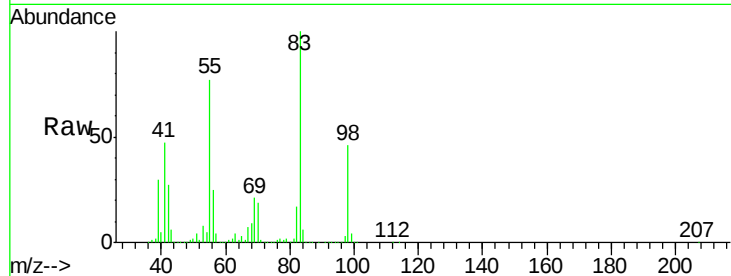
#39
Methylcyclohexane
Concen: 152.633 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	62.6	93.8
98	46.0	37.0	55.4

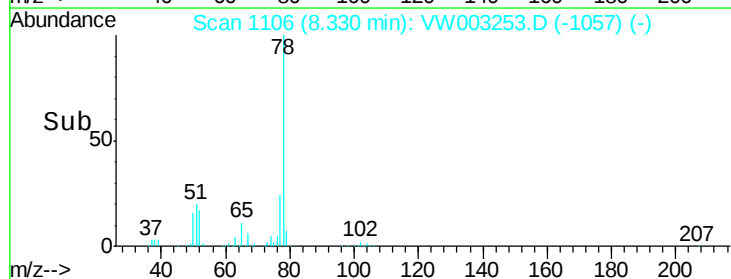
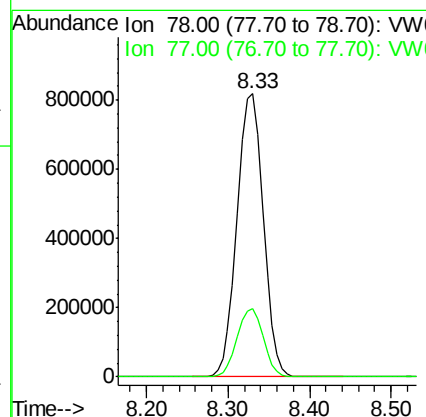
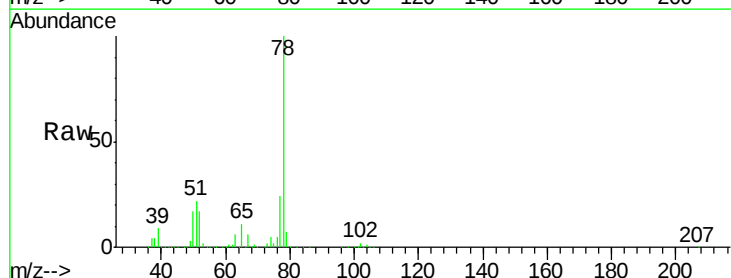
Manual Integrations
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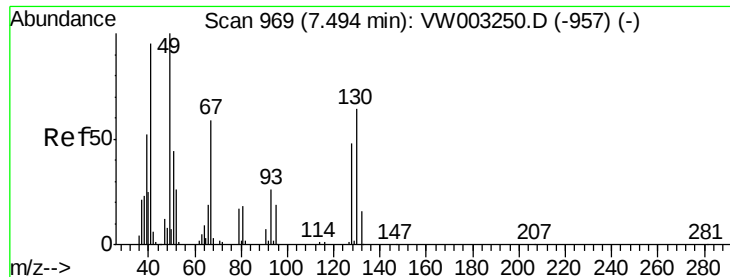
apatel
6/14/2018 10:03:45 AM



#40
Benzene
Concen: 149.280 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





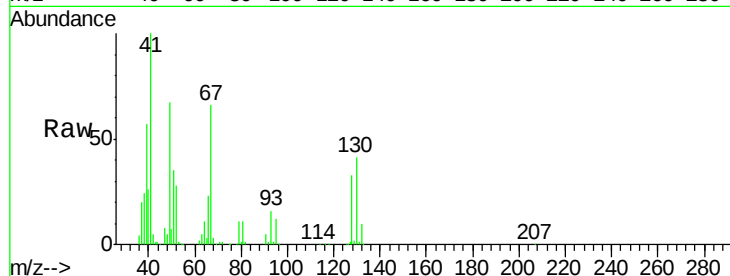
#41
Methacrylonitrile
Concen: 167.382 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

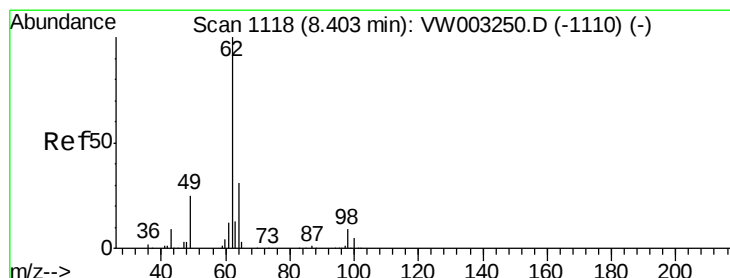
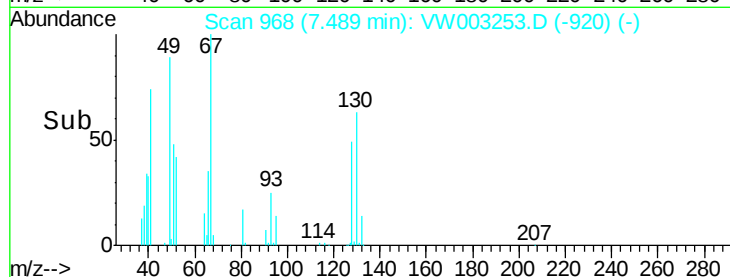
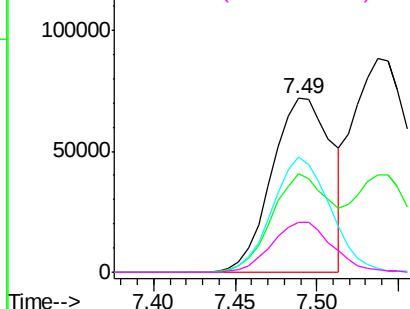
Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.8	68.8
67	64.0	52.3	78.5
52	28.9	24.1	36.1

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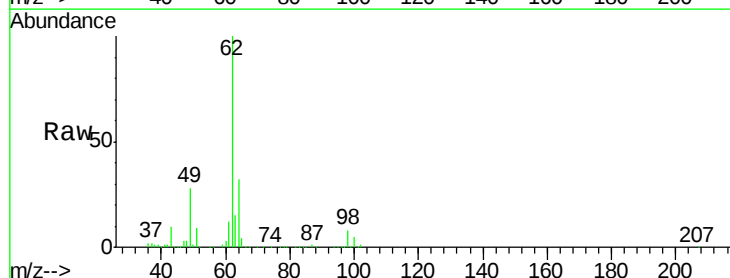


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

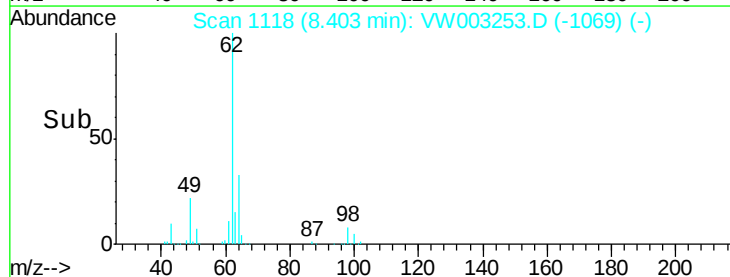
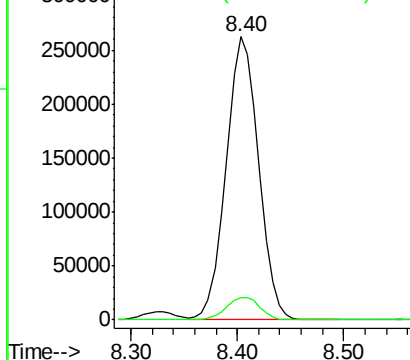


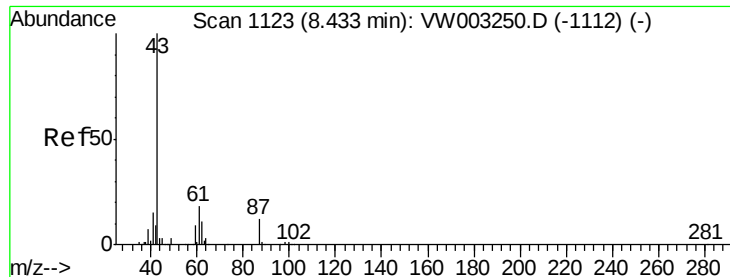
#42
1,2-Dichloroethane
Concen: 148.196 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 157.506 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

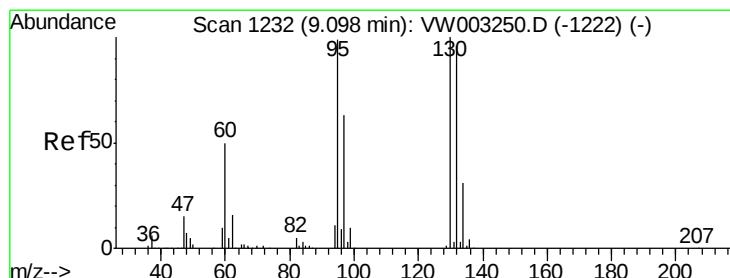
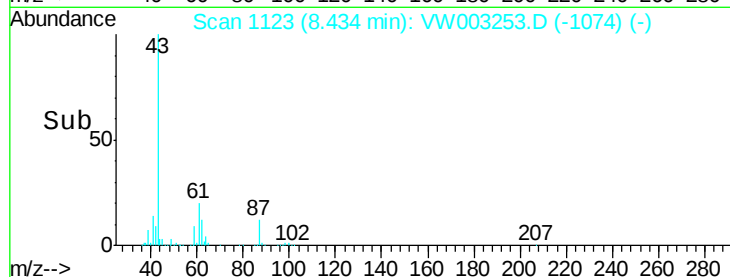
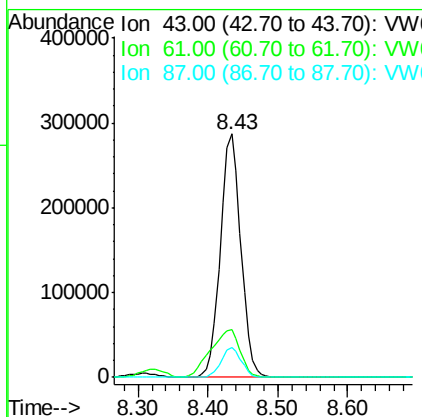
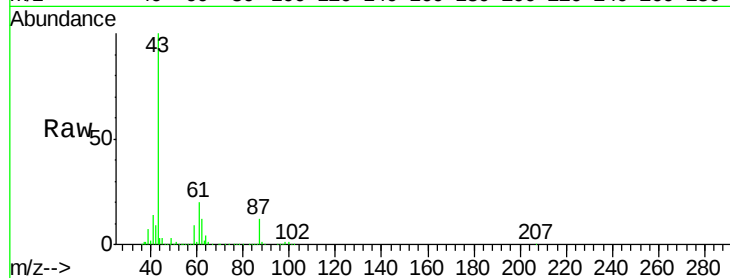
ClientSampleId :

VSTDIC150

Tgt Ion:	43	Resp:	582691
Ion Ratio		Lower	Upper
43	100		
61	28.3	23.1	34.7
87	12.1	9.8	14.6

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#44

Trichloroethene

Concen: 145.483 ug/l

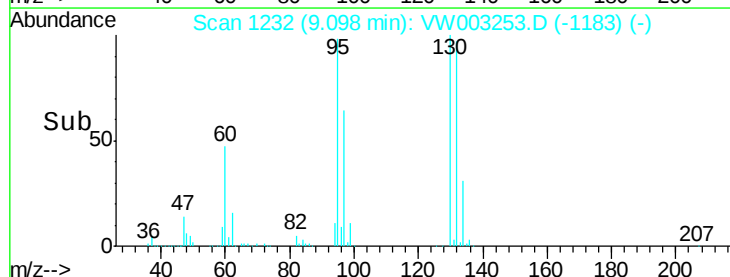
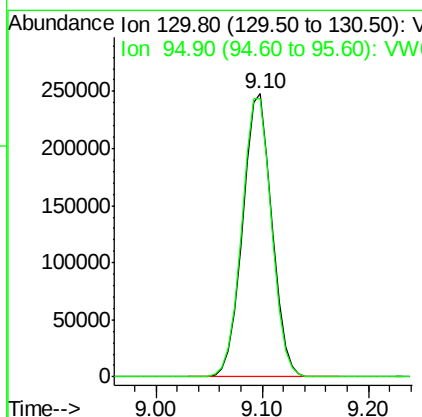
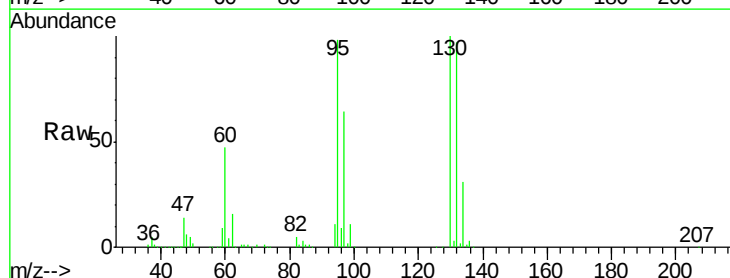
RT: 9.10 min Scan# 1232

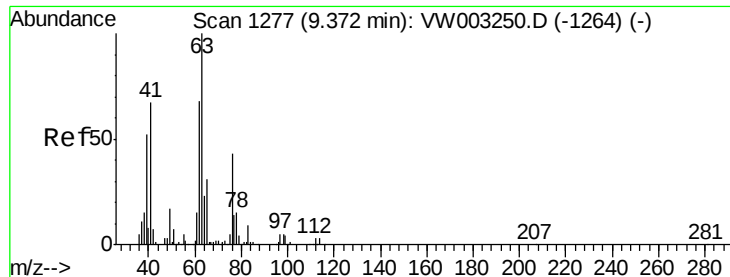
Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion:	130	Resp:	477236
Ion Ratio		Lower	Upper
130	100		
95	98.2	0.0	198.0





#45

1,2-Dichloropropane

Concen: 152.433 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tgt Ion: 63 Resp: 466500

Ion Ratio Lower Upper

63 100

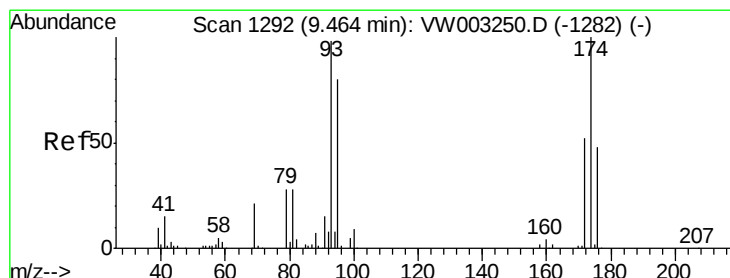
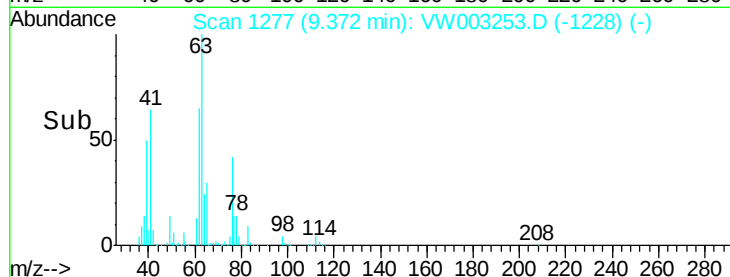
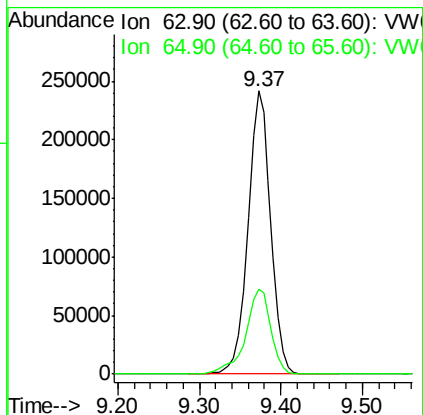
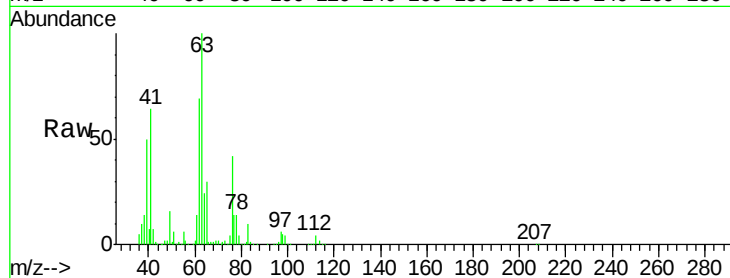
65 30.0 25.1 37.7

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#46

Dibromomethane

Concen: 146.451 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

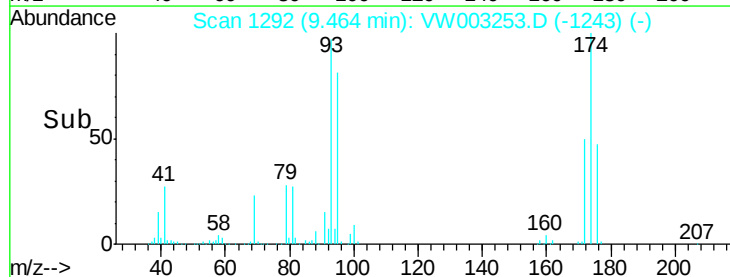
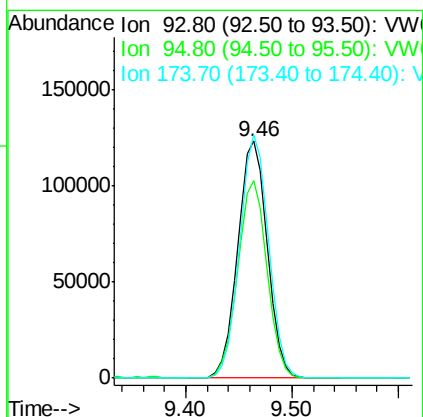
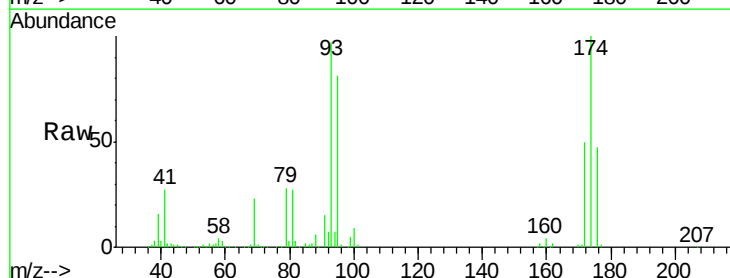
Tgt Ion: 93 Resp: 239550

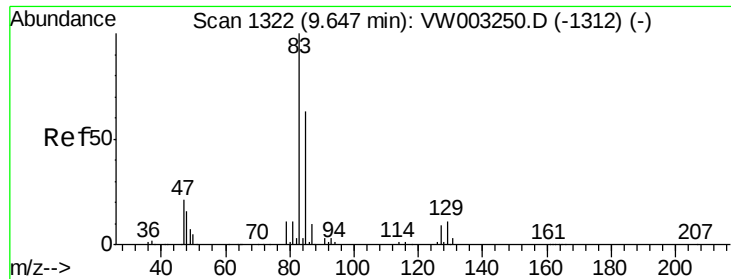
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 100.9 81.4 122.0





#47

Bromodichloromethane

Concen: 157.738 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

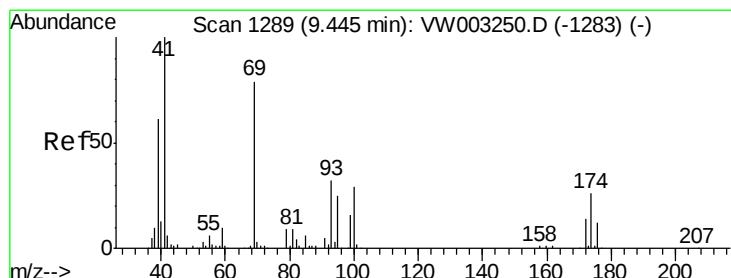
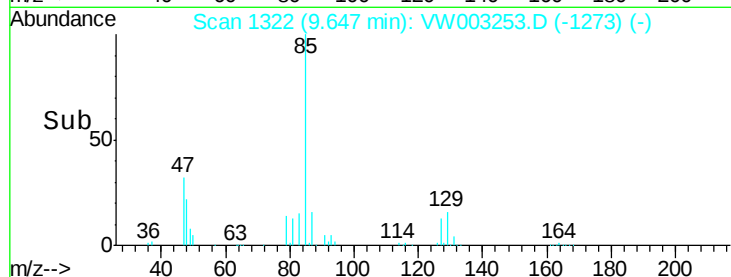
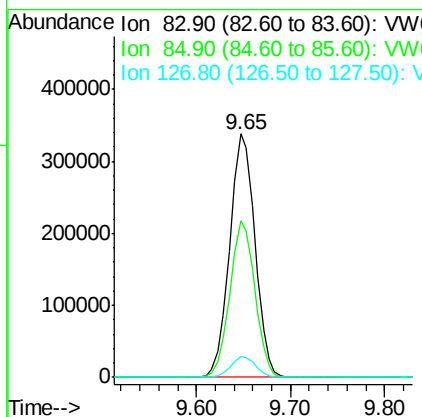
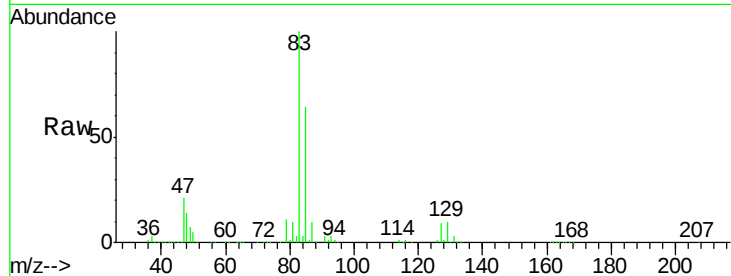
ClientSampleId :

VSTDIC150

Tgt Ion:	83	Resp:	630061
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.6	75.8
127	8.6	6.8	10.2

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#48

Methyl methacrylate

Concen: 162.266 ug/l

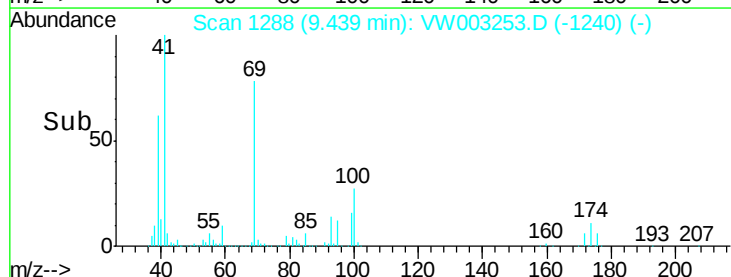
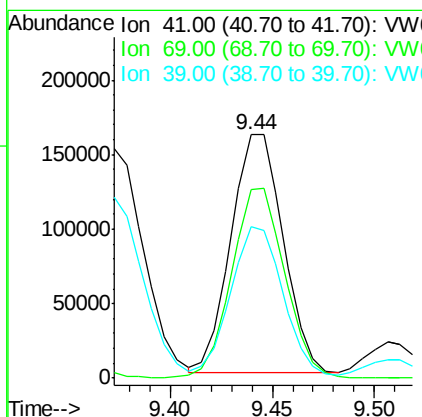
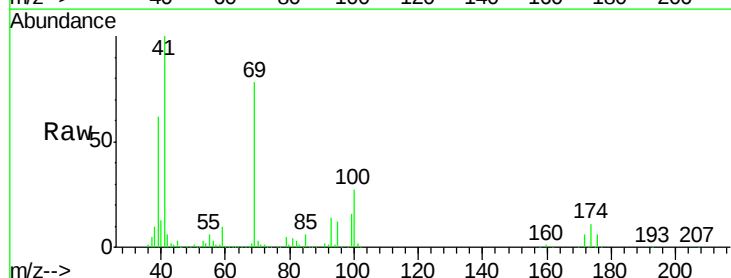
RT: 9.44 min Scan# 1288

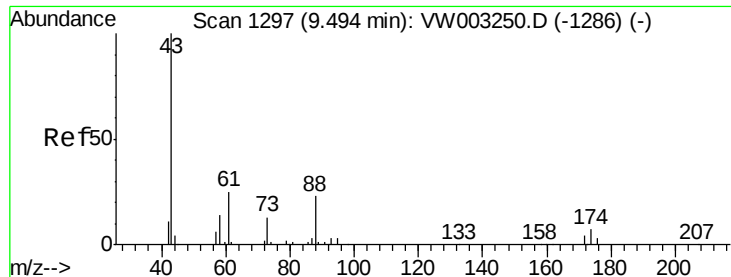
Delta R.T. -0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion:	41	Resp:	285322
Ion Ratio	Lower	Upper	
41	100		
69	81.4	65.4	98.2
39	64.4	54.2	81.2





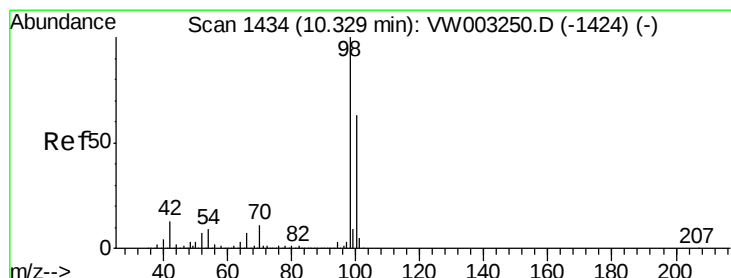
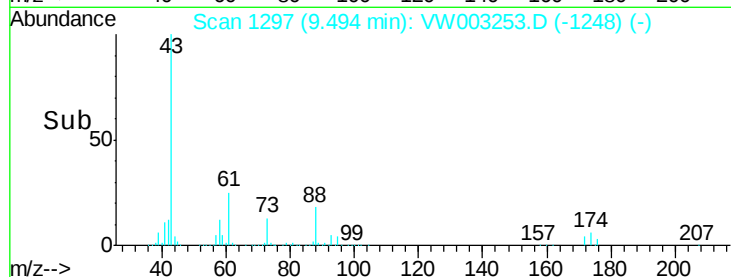
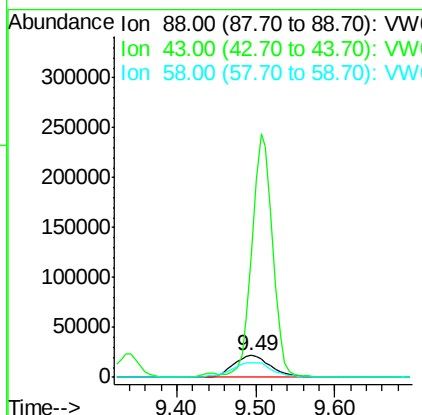
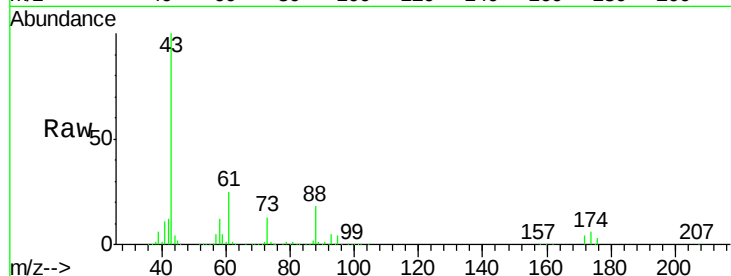
#49
1,4-Dioxane
Concen: 2815.448 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
88	100		
43	624.7	454.7	682.1
58	74.1	58.6	88.0

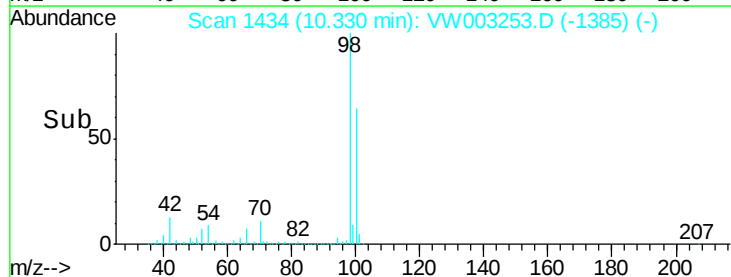
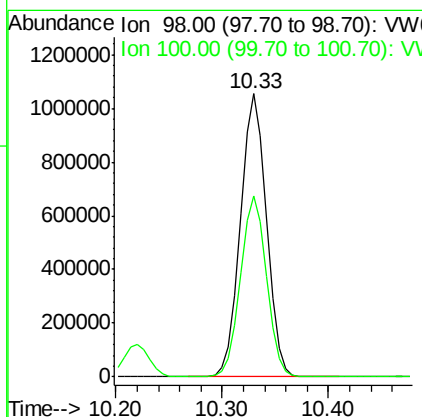
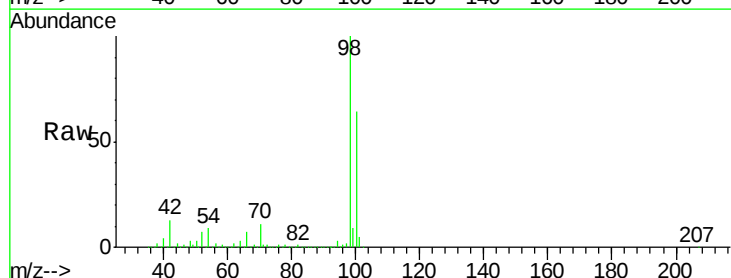
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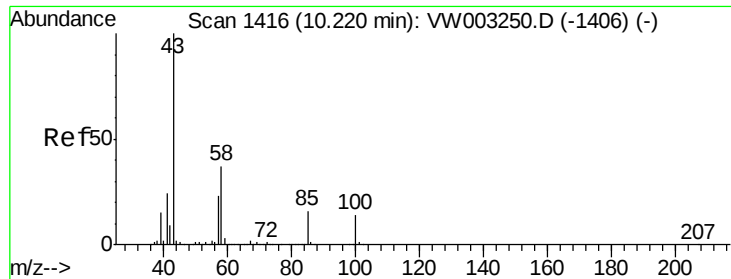
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#50
Toluene-d8
Concen: 170.850 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 799.801 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 1503733

Ion Ratio Lower Upper

43 100

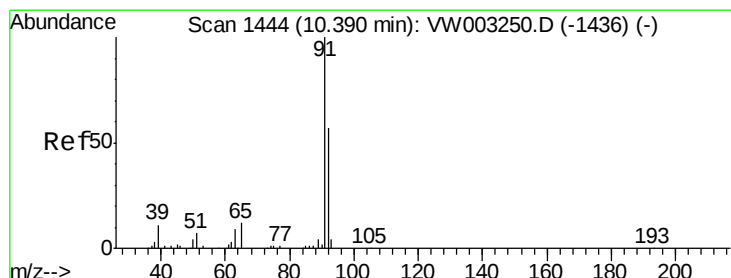
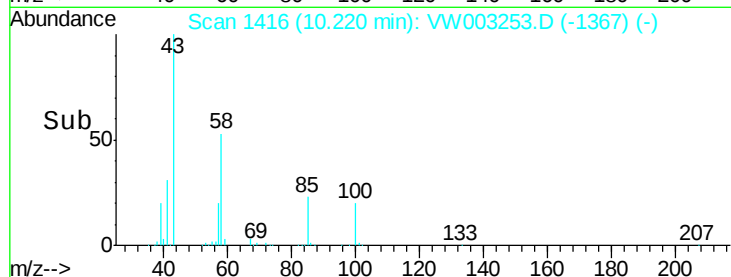
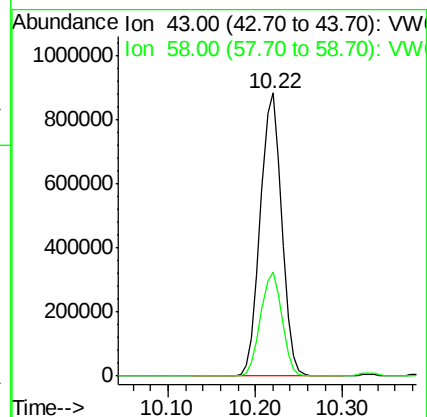
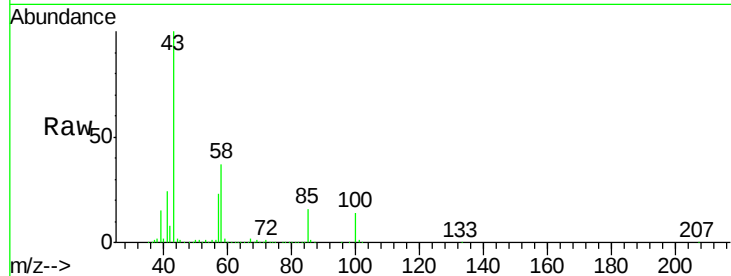
58 36.8 29.0 43.4

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#52

Toluene

Concen: 152.567 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW003253.D

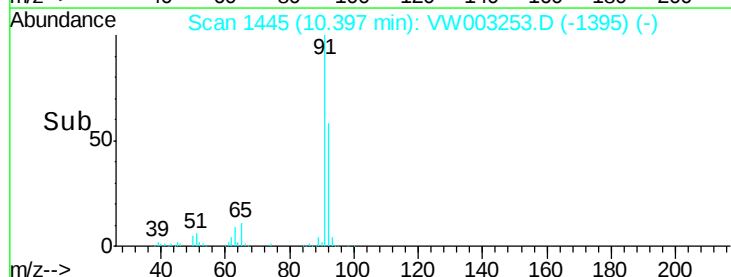
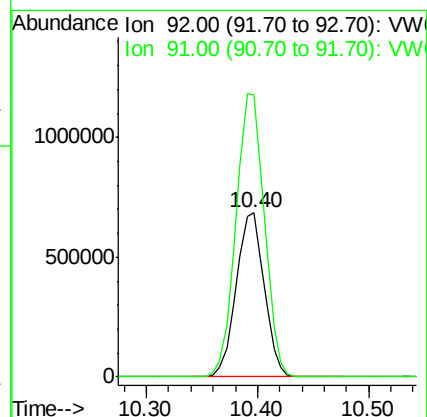
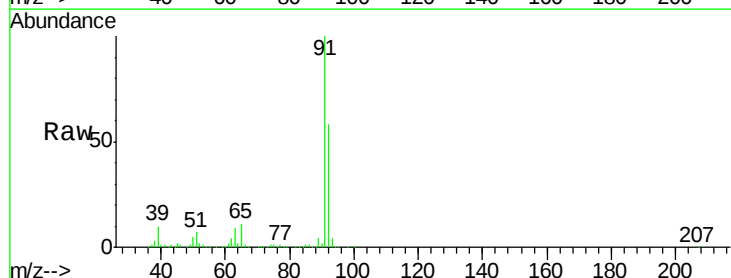
Acq: 13 Jun 2018 18:41

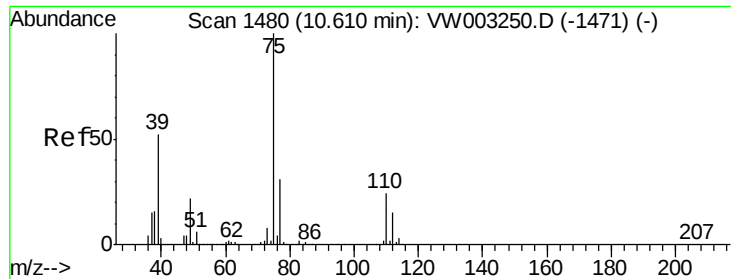
Tgt Ion: 92 Resp: 1193204

Ion Ratio Lower Upper

92 100

91 174.9 141.1 211.7





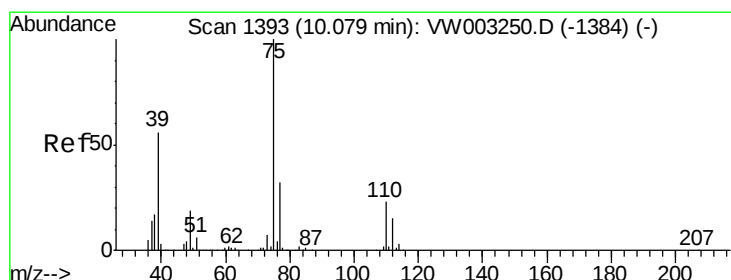
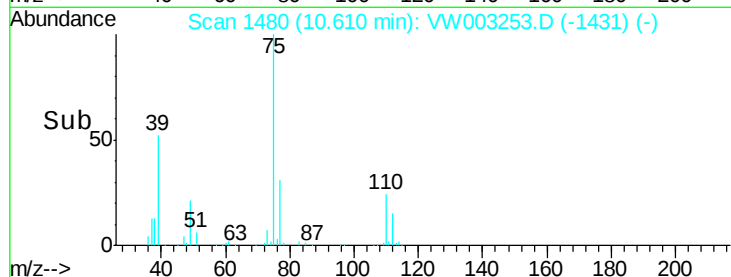
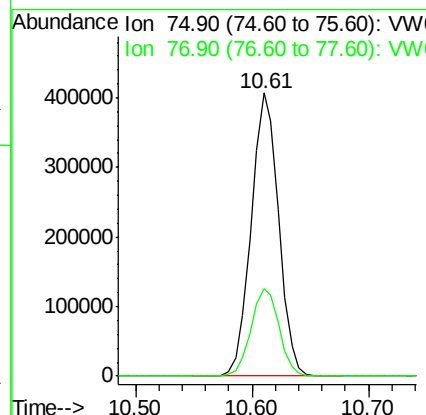
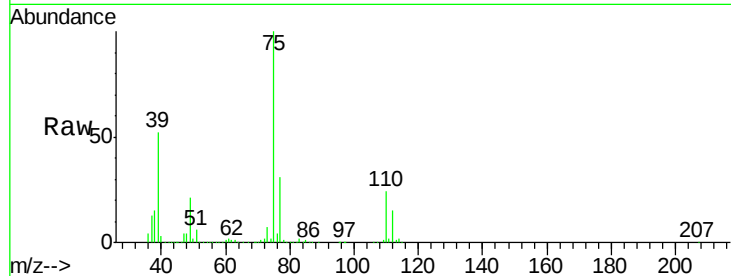
#53
 t-1,3-Dichloropropene
 Concen: 162.396 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tgt Ion: 75 Resp: 668011
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.9 37.3

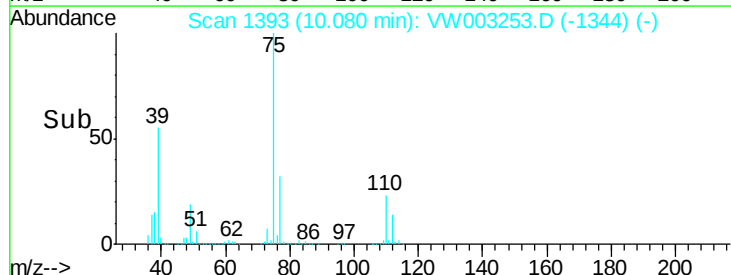
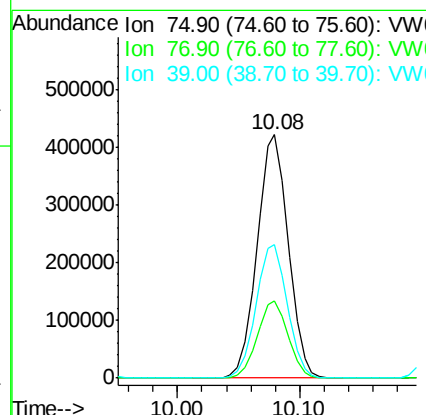
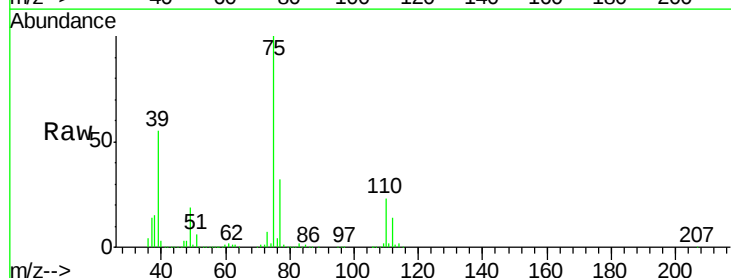
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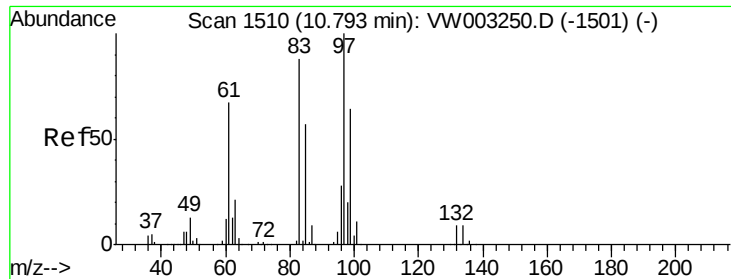
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#54
 cis-1,3-Dichloropropene
 Concen: 159.924 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion: 75 Resp: 748251
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6
 39 54.8 45.2 67.8





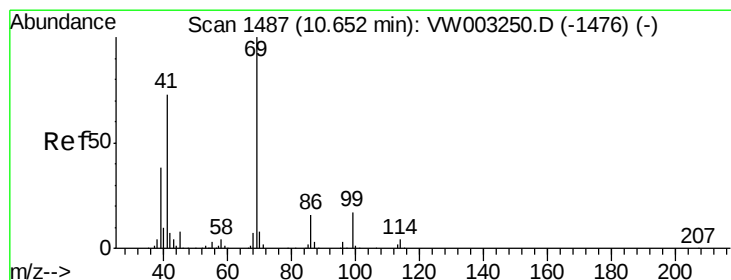
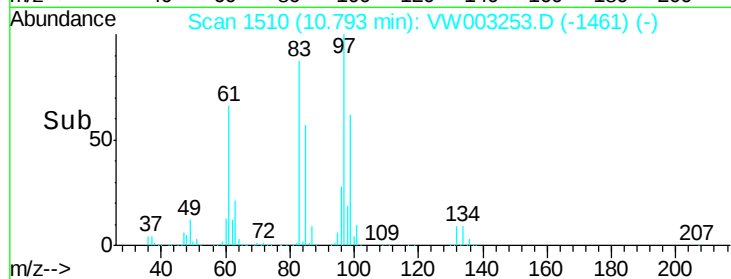
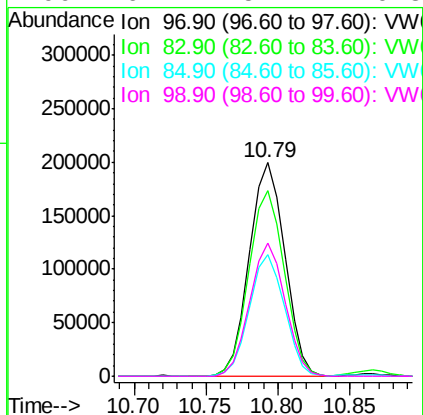
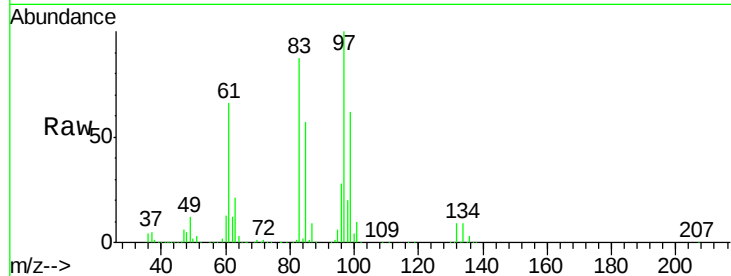
#55
 1,1,2-Trichloroethane
 Concen: 150.899 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	341074		
83	87.1	70.2	105.2	
85	57.2	45.6	68.4	
99	62.2	51.2	76.8	

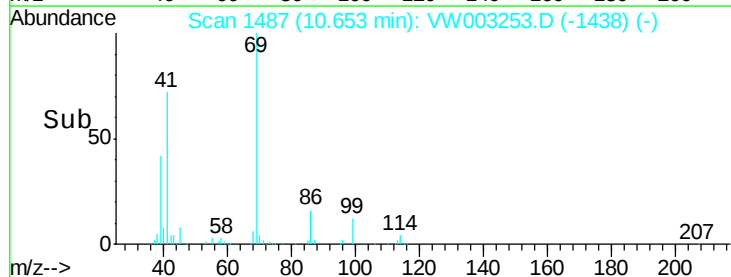
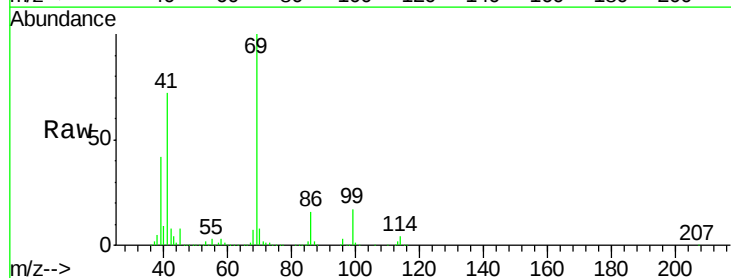
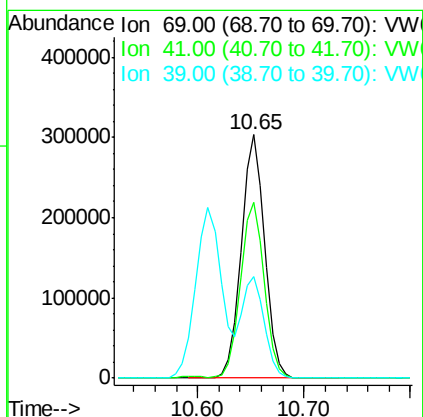
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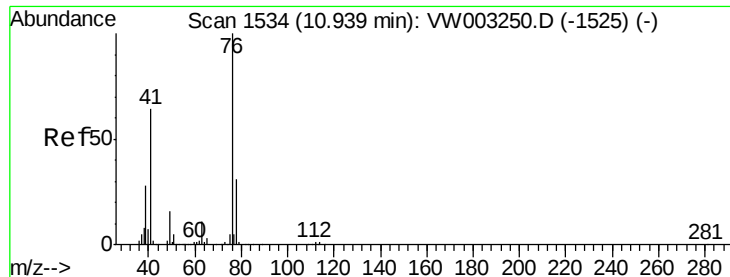
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#56
 Ethyl methacrylate
 Concen: 166.975 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	467773		
41	73.2	57.8	86.6	
39	39.2	32.7	49.1	





#57

1,3-Dichloropropane

Concen: 152.048 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 593635

Ion Ratio Lower Upper

76 100

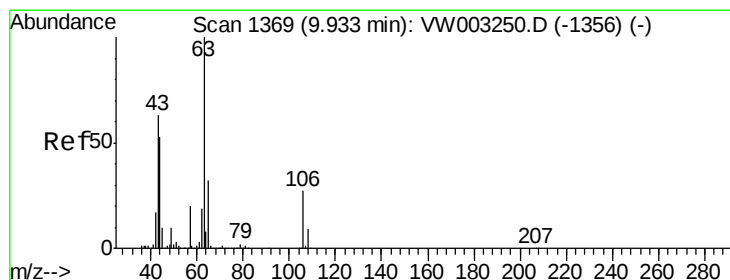
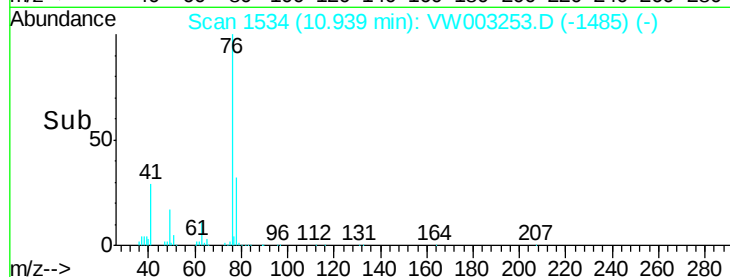
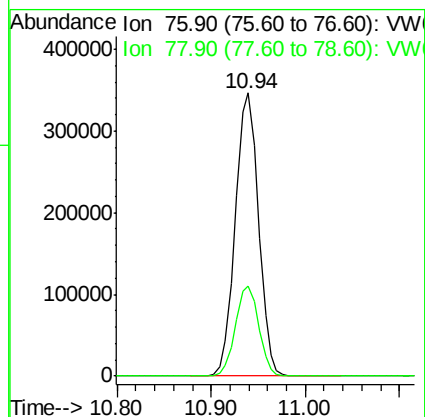
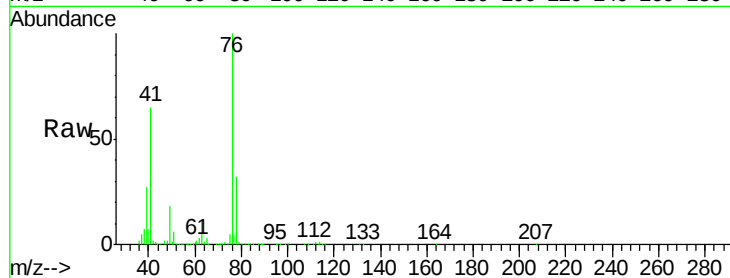
78 32.1 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 753.569 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW003253.D

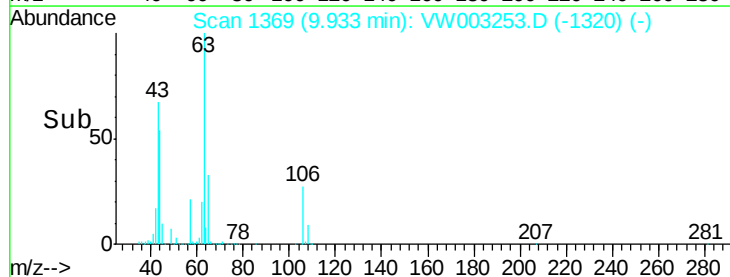
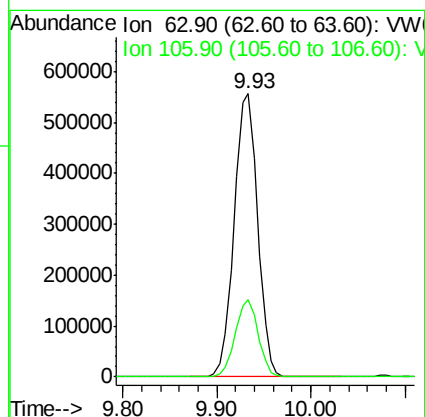
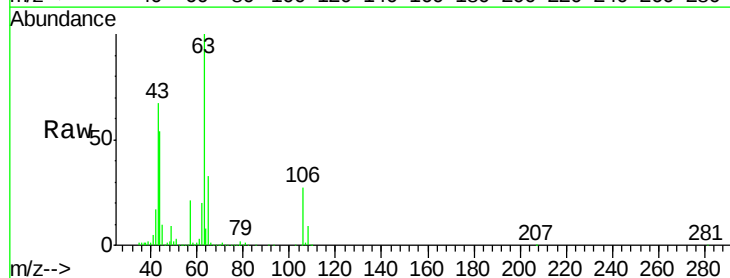
Acq: 13 Jun 2018 18:41

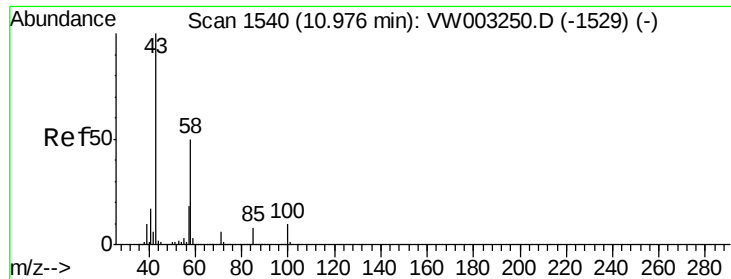
Tgt Ion: 63 Resp: 962887

Ion Ratio Lower Upper

63 100

106 26.6 21.8 32.8





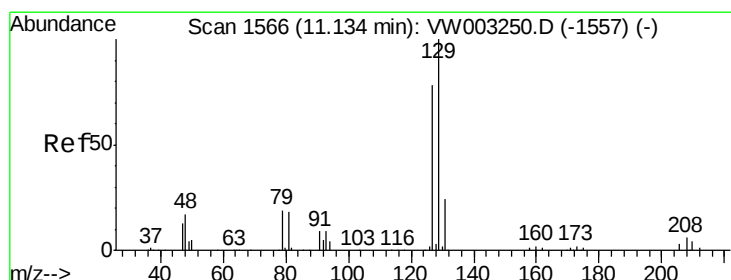
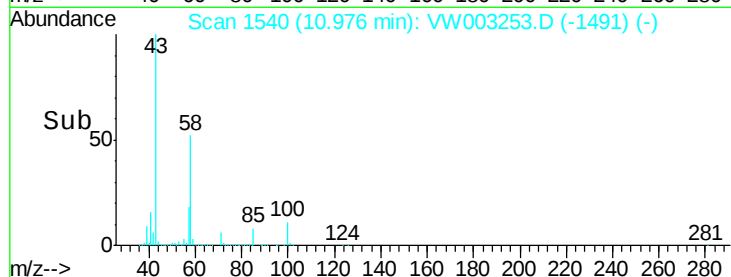
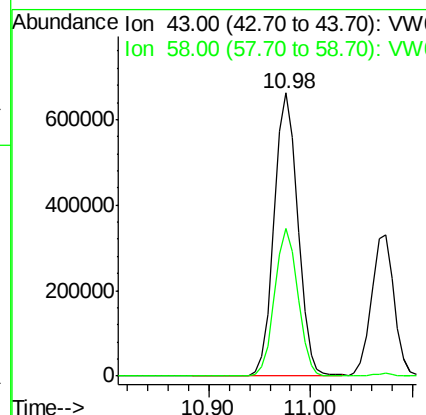
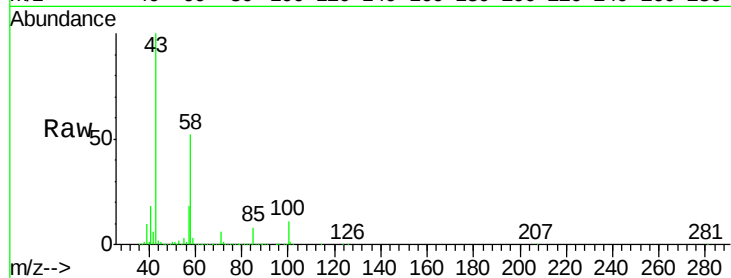
#59
2-Hexanone
Concen: 830.190 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1062204
Ion Ratio Lower Upper
43 100
58 50.9 25.0 75.0

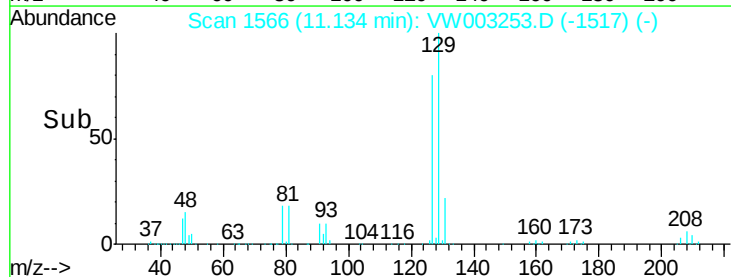
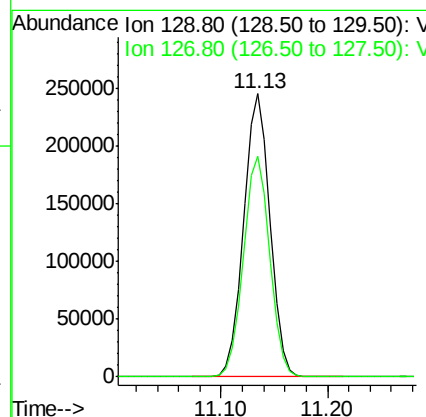
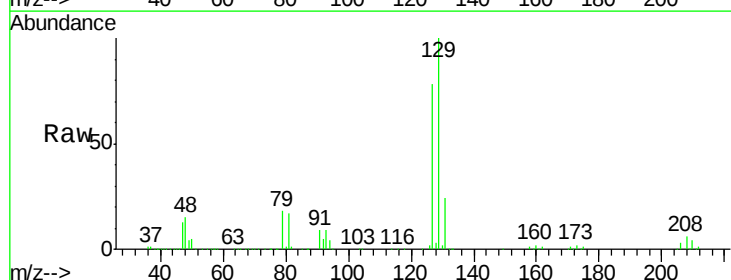
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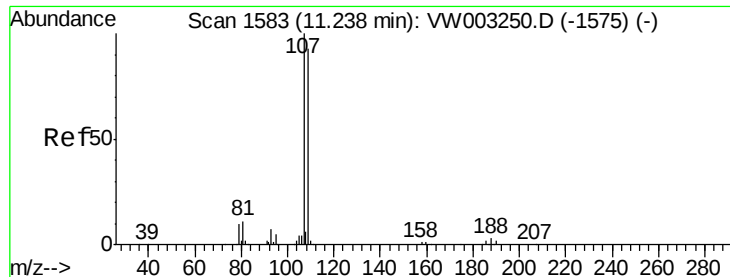
apatel
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#60
Dibromochloromethane
Concen: 156.197 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion: 129 Resp: 424552
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5





#61

1,2-Dibromoethane

Concen: 149.244 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 107 Resp: 325031

Ion Ratio Lower Upper

107 100

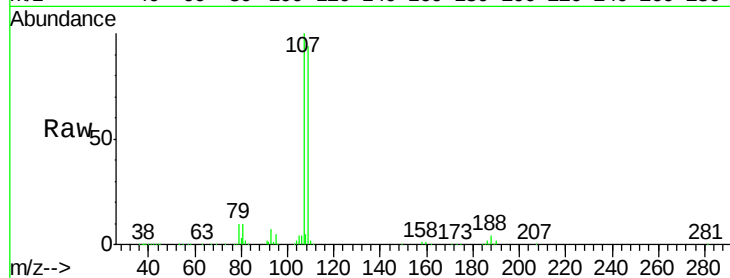
109 94.4 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

200000

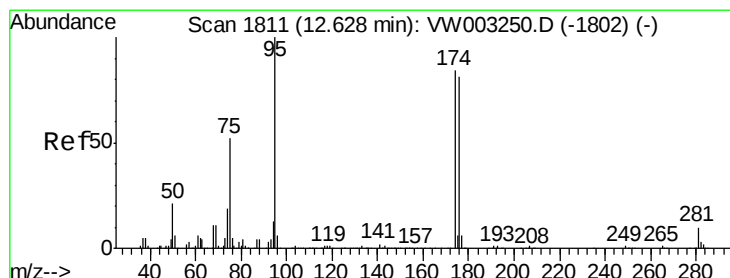
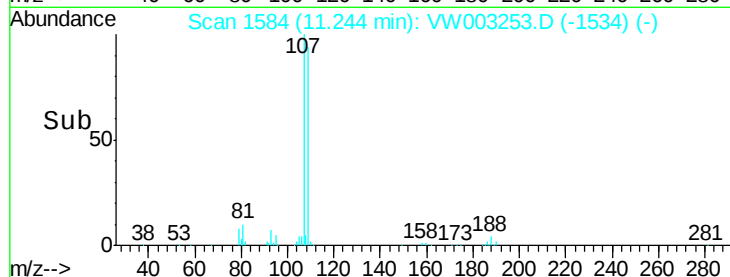
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 168.685 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

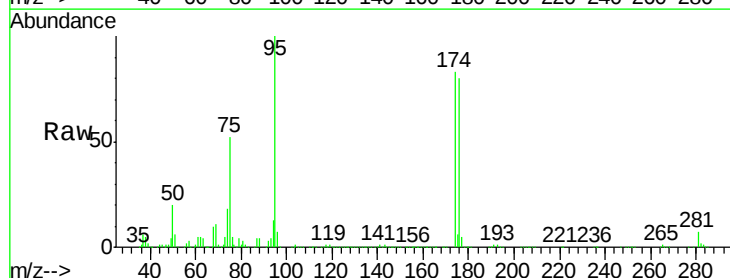
Tgt Ion: 95 Resp: 650254

Ion Ratio Lower Upper

95 100

174 81.1 0.0 166.4

176 79.0 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

500000

400000

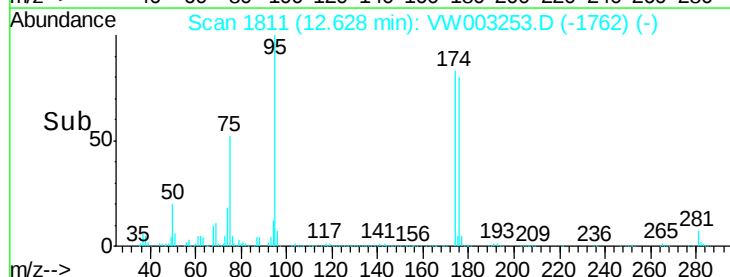
300000

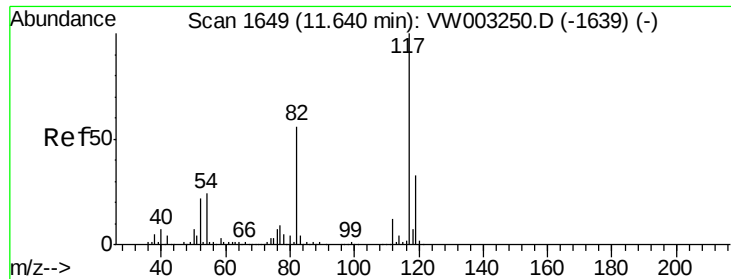
200000

100000

0

Time-->





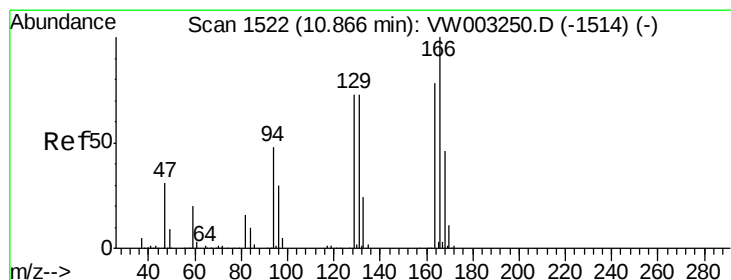
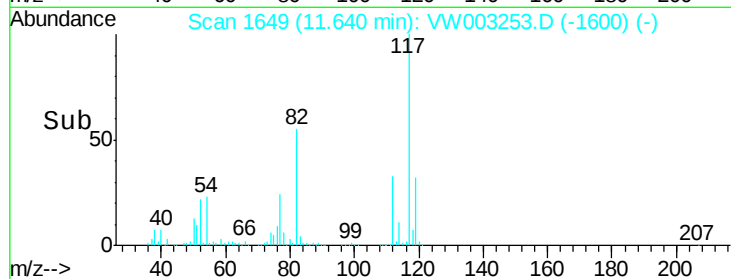
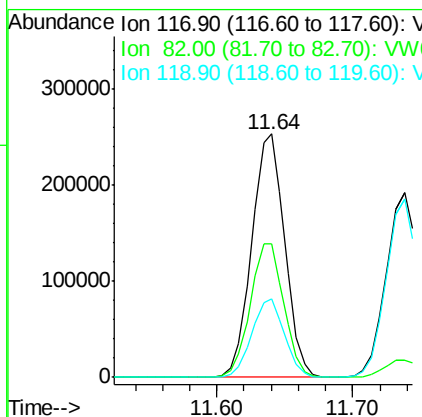
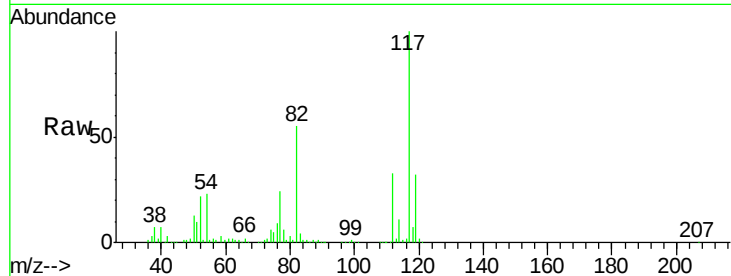
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	429270		
82	54.6		44.6	67.0
119	32.1		26.7	40.1

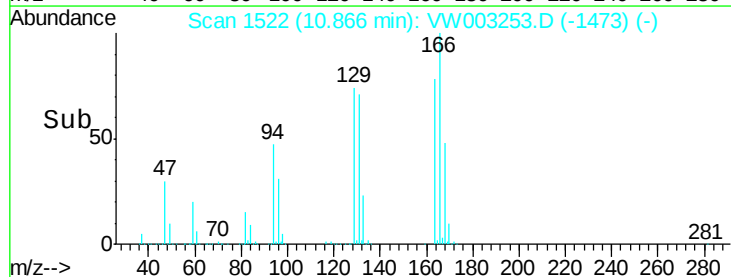
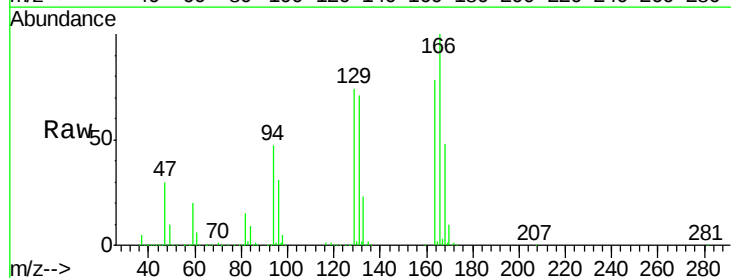
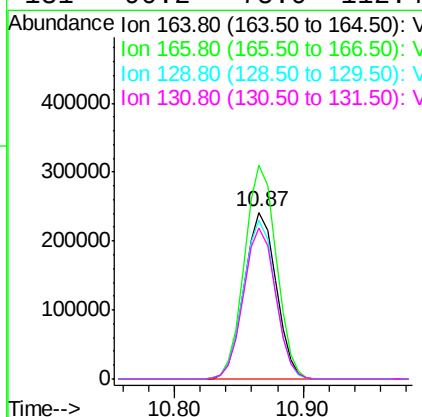
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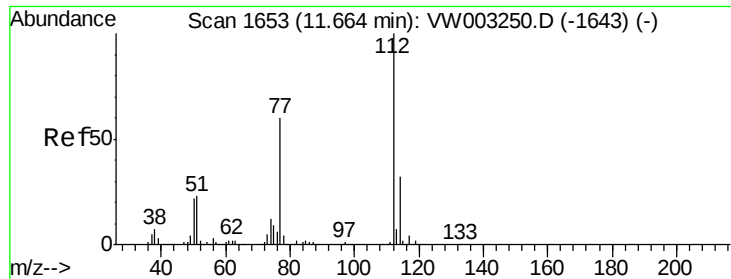
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#64
Tetrachloroethene
Concen: 136.192 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	414017		
166	127.9		102.6	154.0
129	95.3		75.2	112.8
131	90.2		75.0	112.4





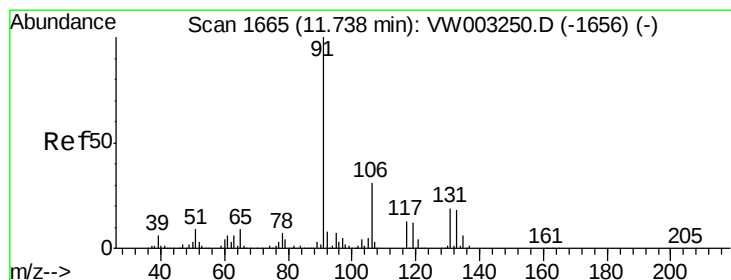
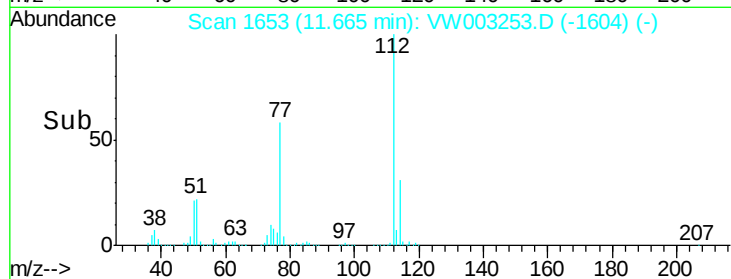
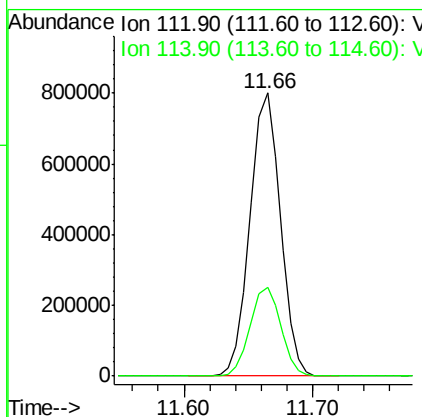
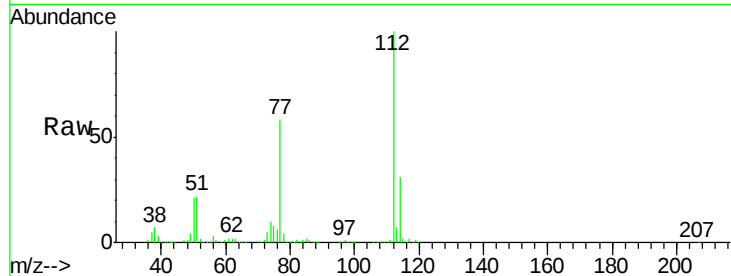
#65
Chlorobenzene
Concen: 147.806 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 1304643
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9

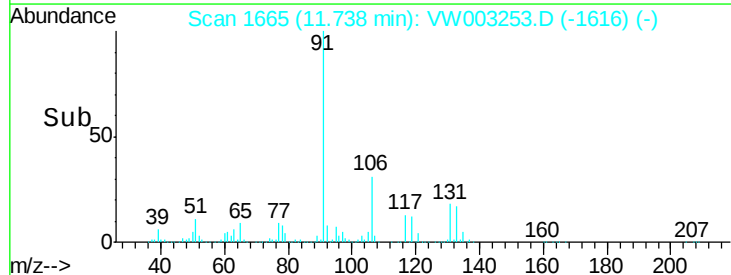
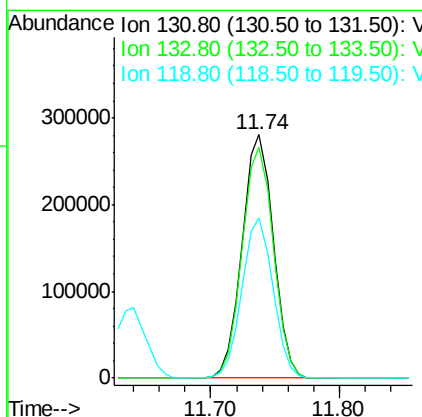
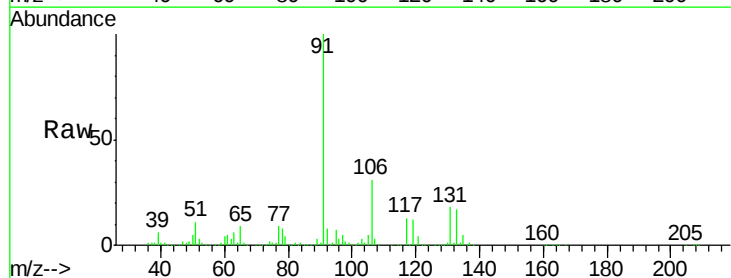
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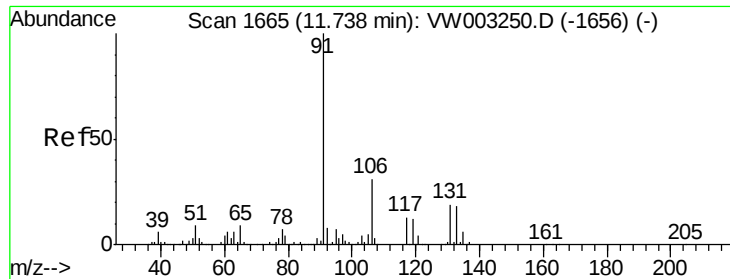
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#66
1,1,1,2-Tetrachloroethane
Concen: 152.520 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion:131 Resp: 469588
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 65.3 32.5 97.4





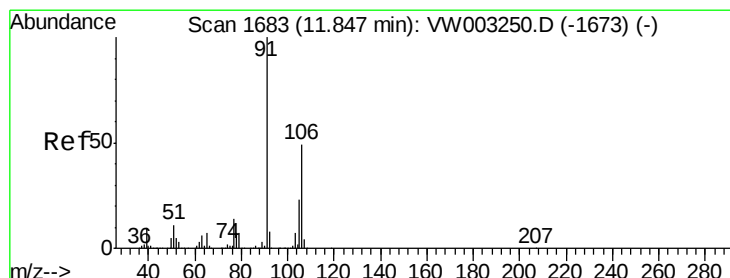
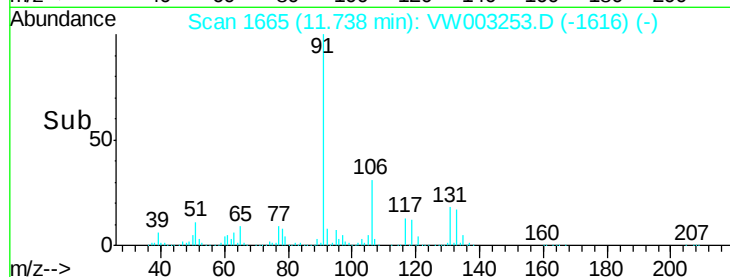
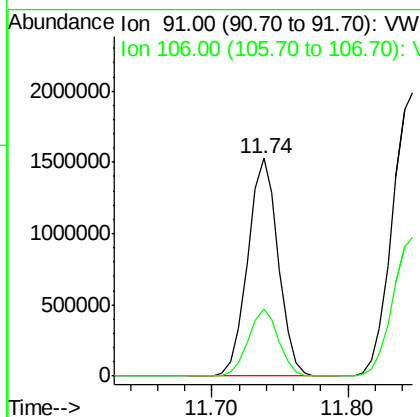
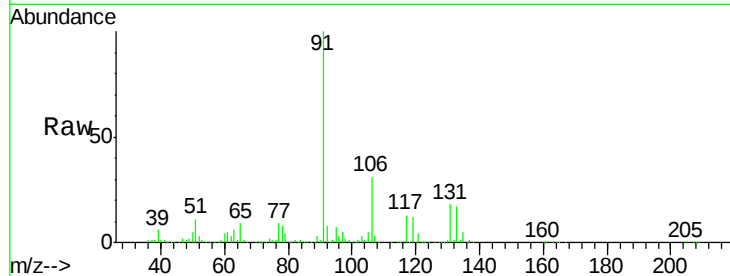
#67
Ethyl Benzene
Concen: 153.848 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2401510
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1

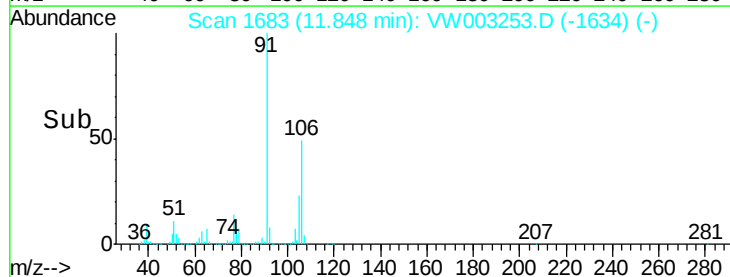
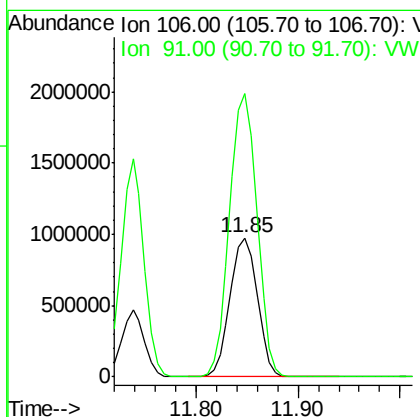
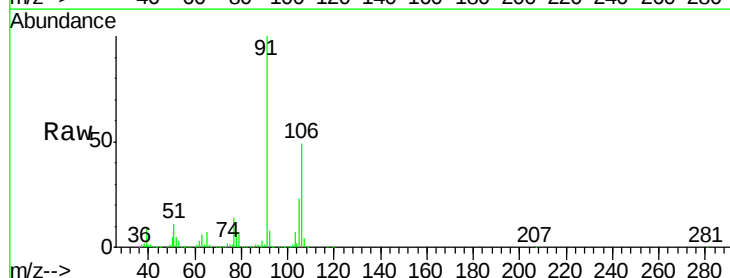
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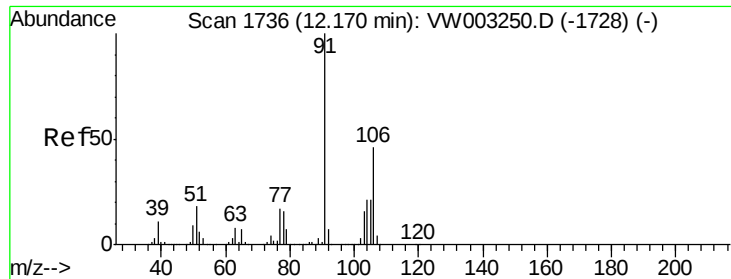
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#68
m/p-Xylenes
Concen: 303.704 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion: 106 Resp: 1812373
Ion Ratio Lower Upper
106 100
91 204.3 165.4 248.0





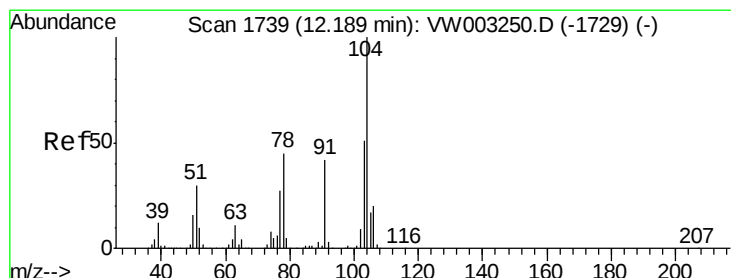
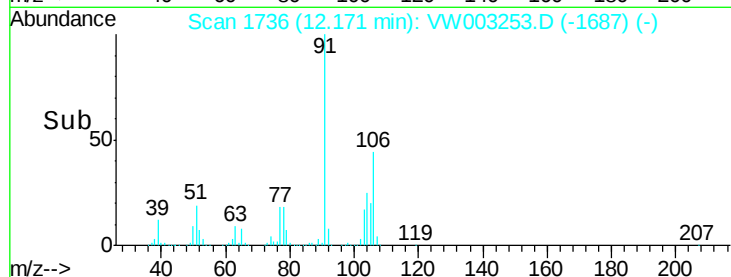
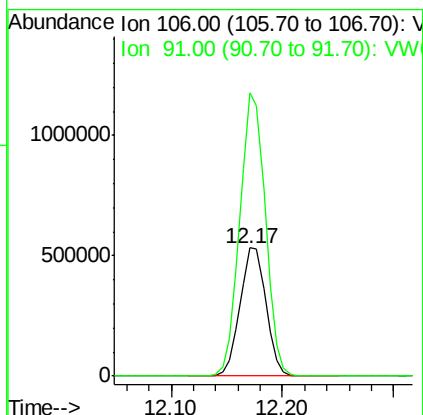
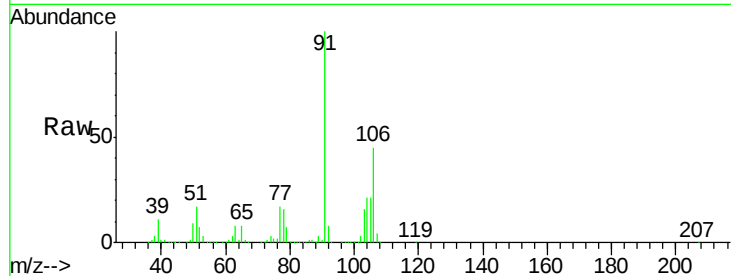
#69
o-Xylene
Concen: 153.763 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 865300
Ion Ratio Lower Upper
106 100
91 217.1 108.6 325.6

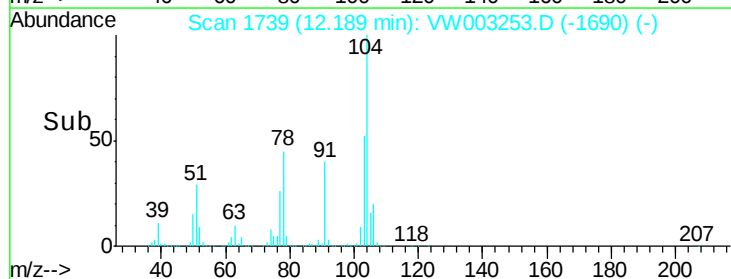
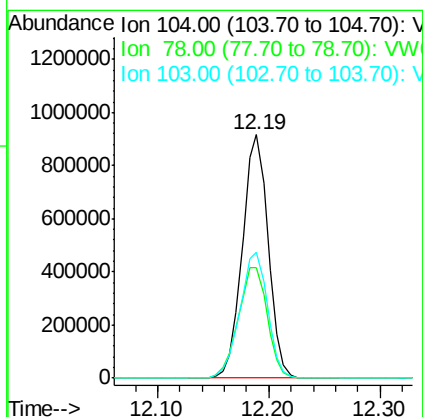
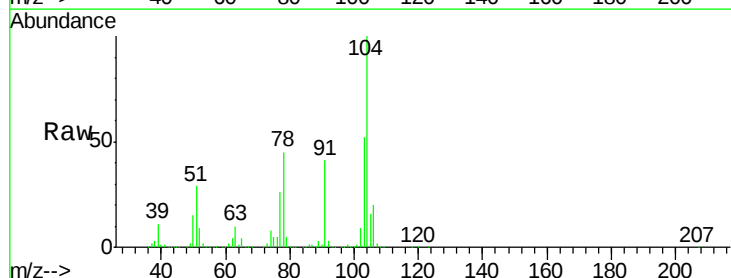
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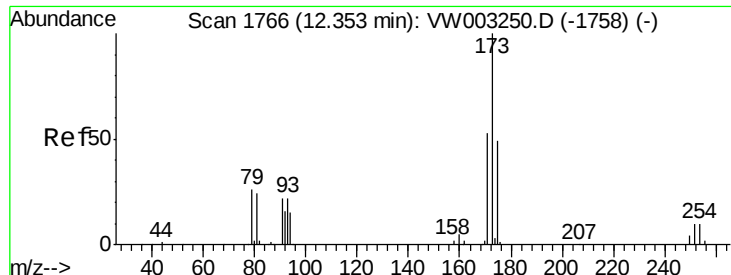
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#70
Styrene
Concen: 156.275 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion:104 Resp: 1468470
Ion Ratio Lower Upper
104 100
78 51.2 41.3 61.9
103 55.8 45.0 67.4





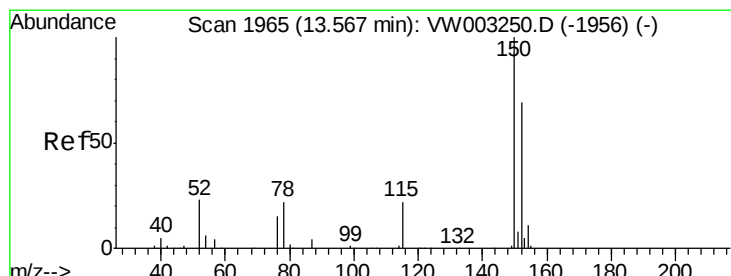
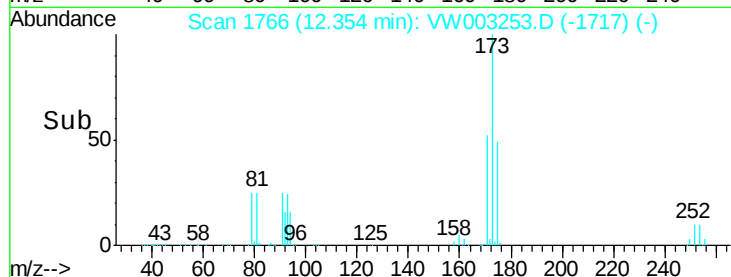
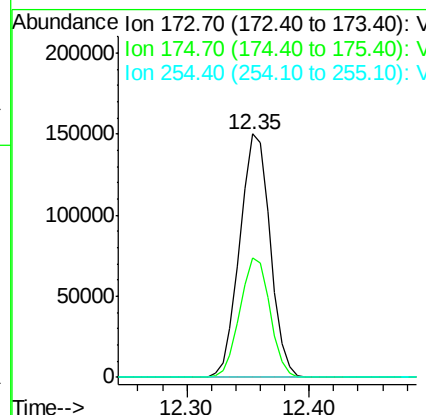
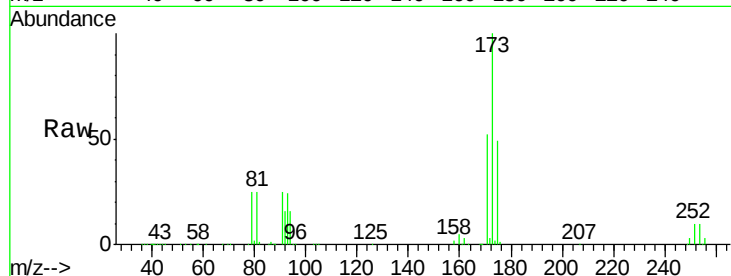
#71
Bromoform
Concen: 156.710 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.4
254	0.1	0.1	0.1

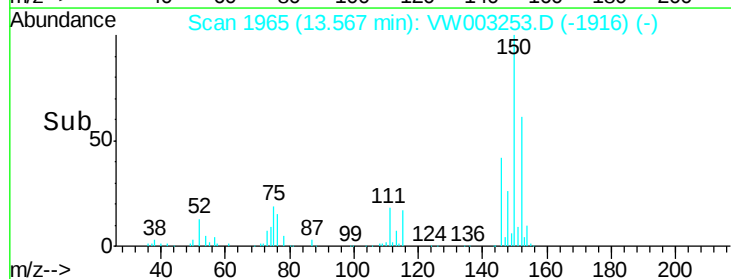
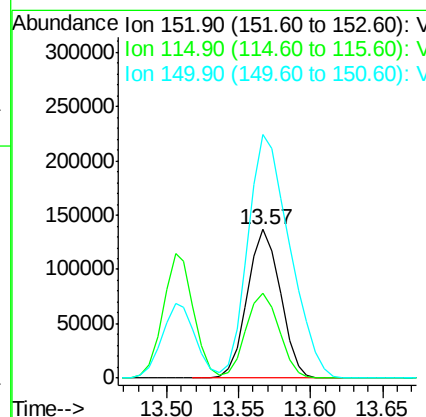
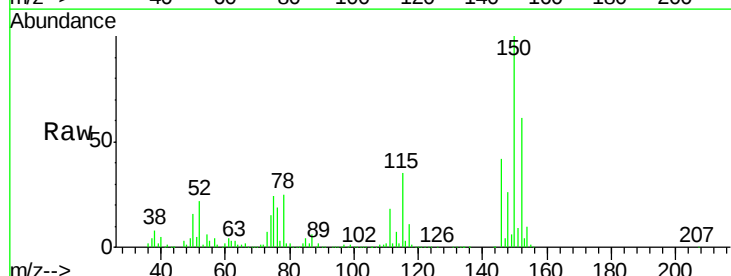
Manual Integrations
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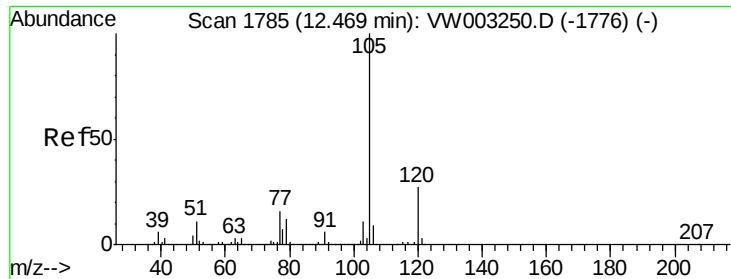
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	88.0
150	205.2	0.0	349.6





#73

Isopropylbenzene

Concen: 158.348 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 105 Resp: 2403603

Ion Ratio Lower Upper

105 100

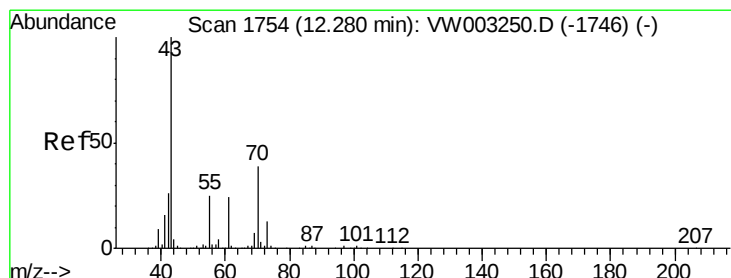
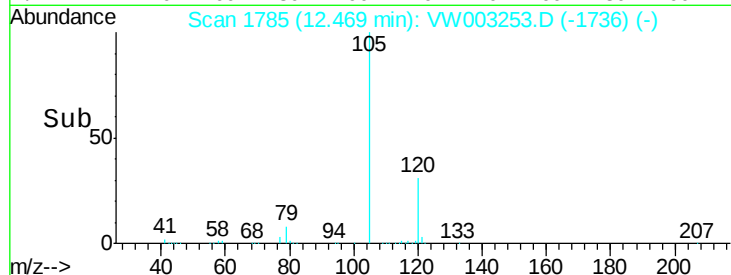
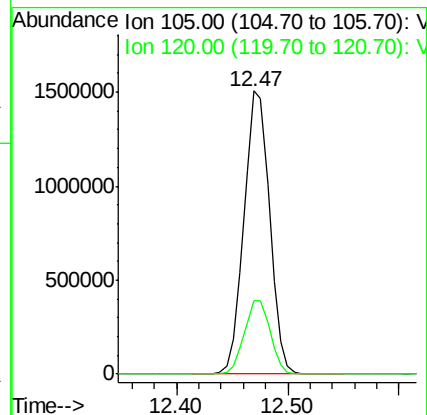
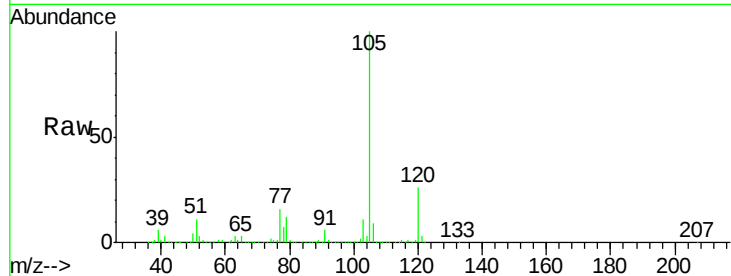
120 26.4 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 170.293 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion: 43 Resp: 595674

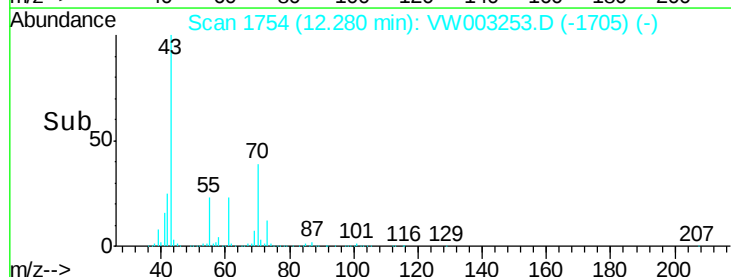
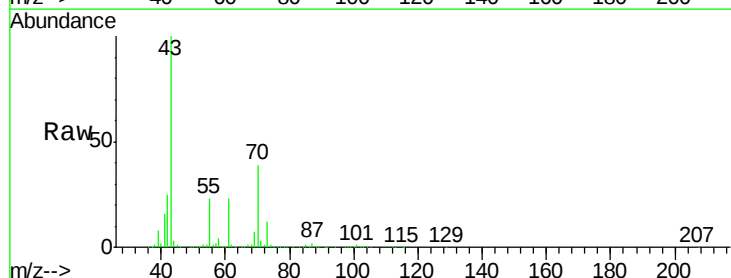
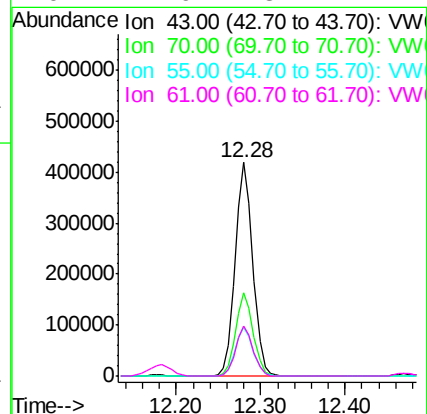
Ion Ratio Lower Upper

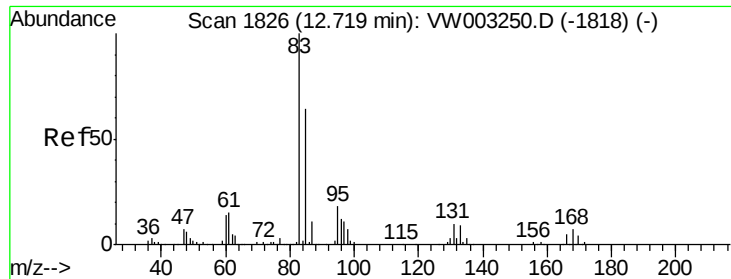
43 100

70 38.4 31.0 46.6

55 23.0 19.7 29.5

61 22.9 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 153.536 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

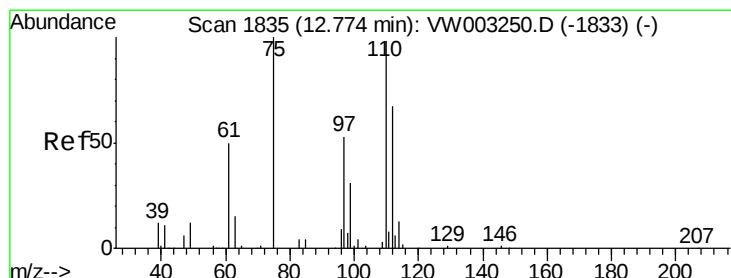
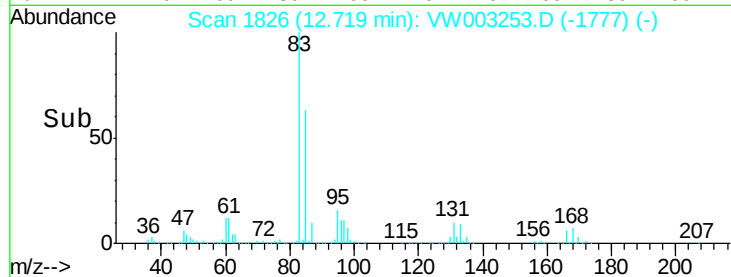
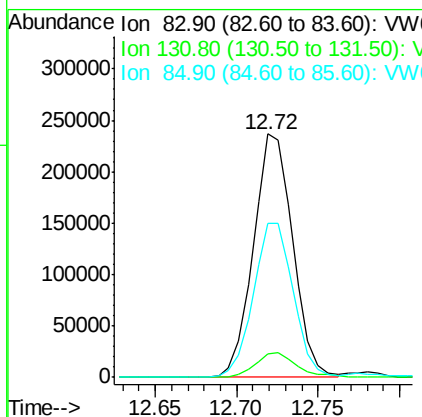
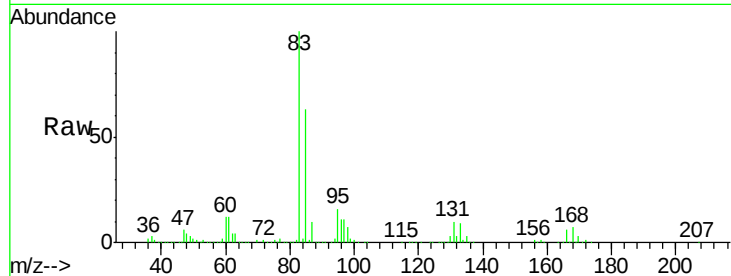
ClientSampleId :

VSTDIC150

Tgt Ion:	83	Resp:	396985
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	64.2	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 147.019 ug/l m

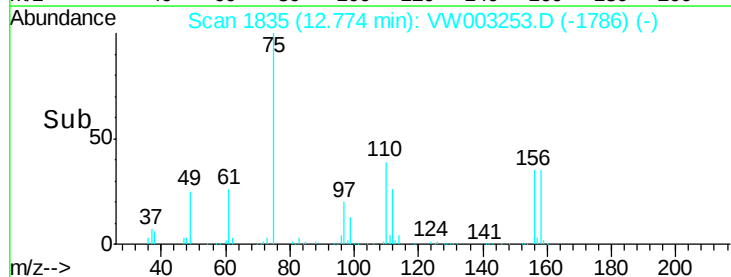
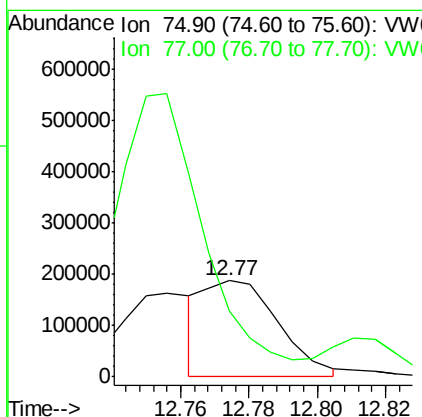
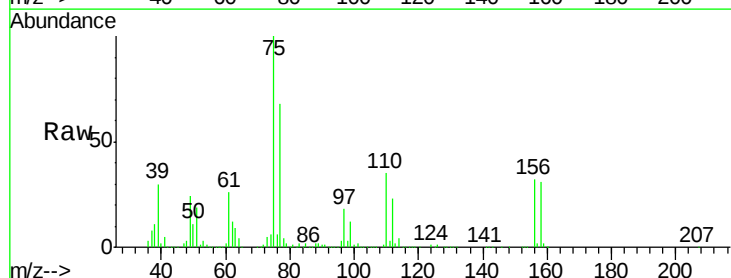
RT: 12.77 min Scan# 1835

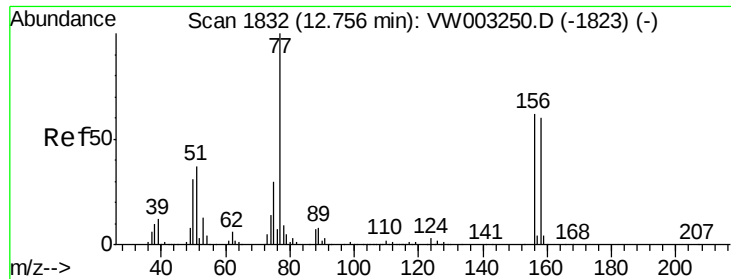
Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion:	75	Resp:	285898
Ion Ratio	Lower	Upper	
75	100		
77	354.4	0.0	0.0#





#77

Bromobenzene

Concen: 150.877 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

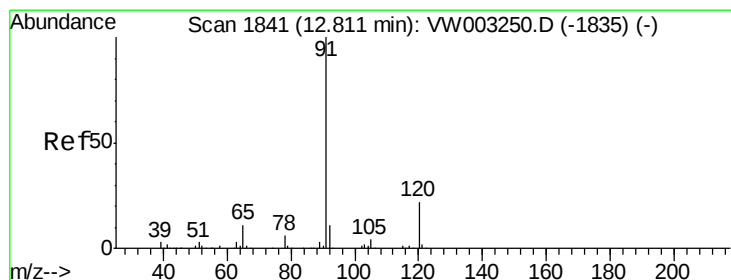
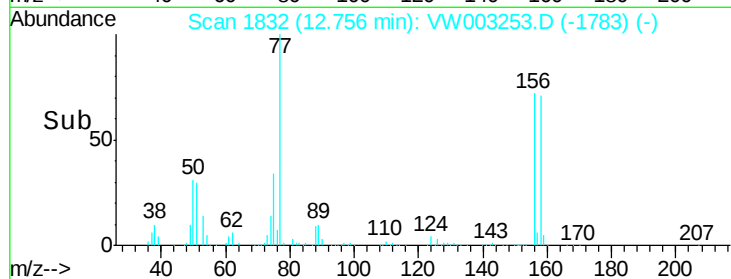
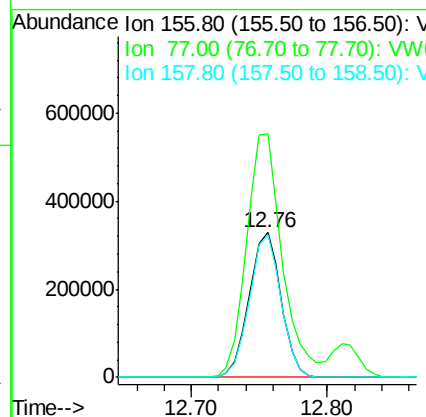
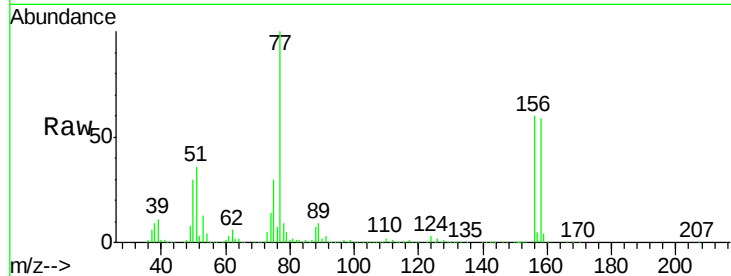
ClientSampled :

VSTDIC150

Tgt Ion	Ratio	Lower	Upper
156	100		
77	187.7	92.3	276.9
158	97.5	47.5	142.6

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#78

n-propylbenzene

Concen: 158.700 ug/l

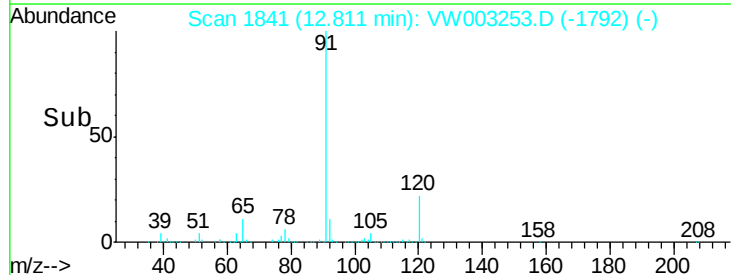
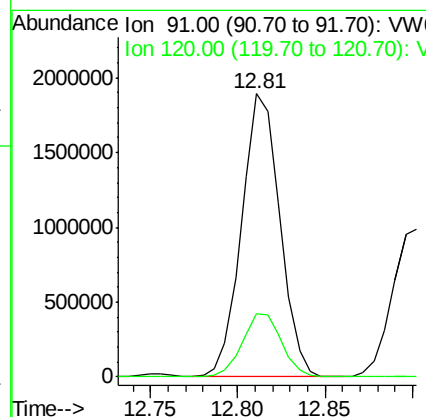
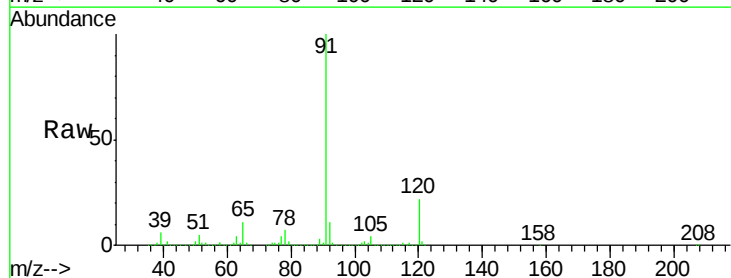
RT: 12.81 min Scan# 1841

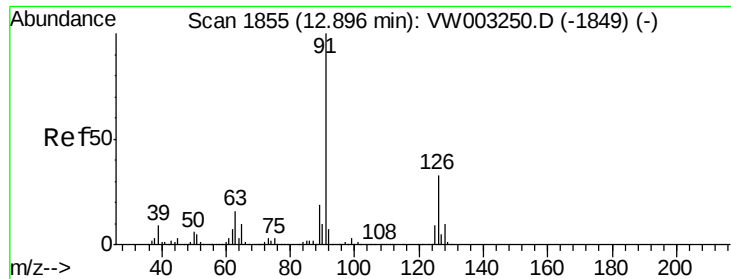
Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.8





#79

2-Chlorotoluene

Concen: 156.088 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1607586

Ion Ratio Lower Upper

91 100

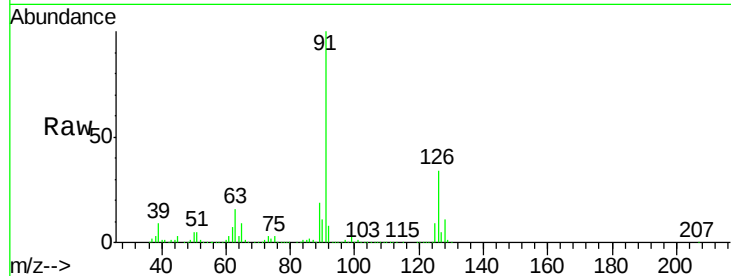
126 33.7 16.8 50.4

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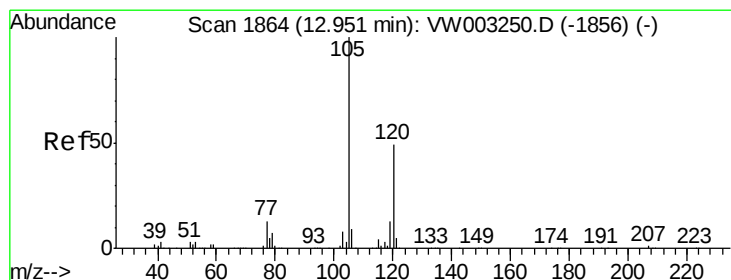
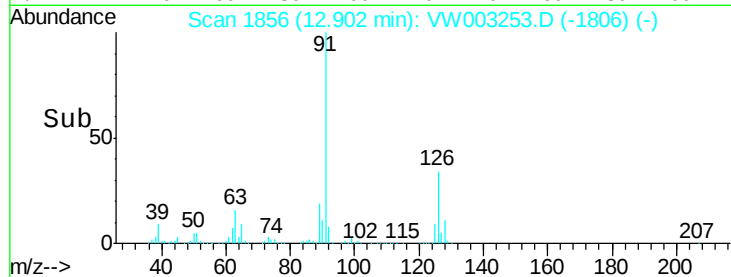
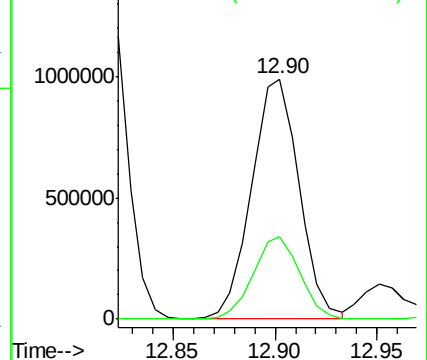
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 156.314 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003253.D

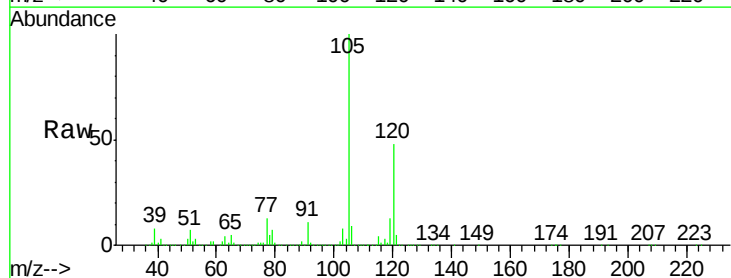
Acq: 13 Jun 2018 18:41

Tgt Ion: 105 Resp: 1978688

Ion Ratio Lower Upper

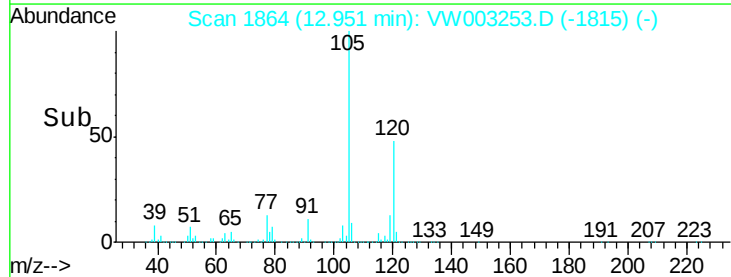
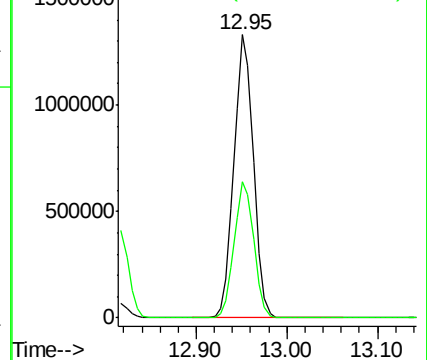
105 100

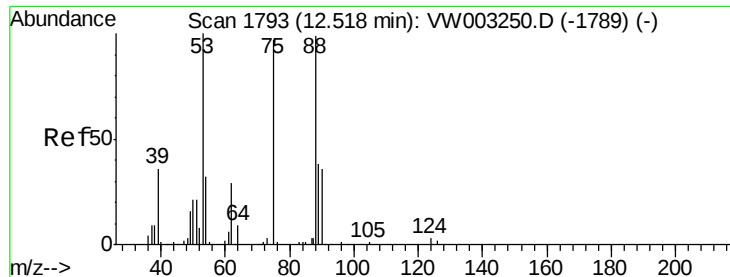
120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 177.005 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

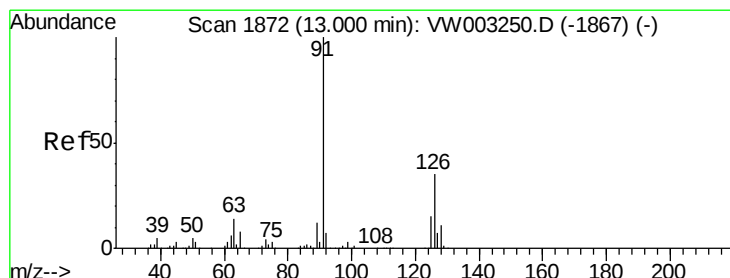
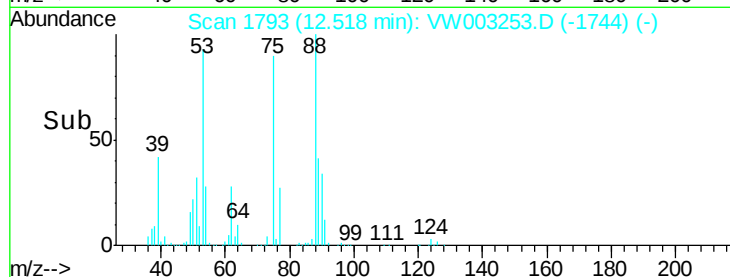
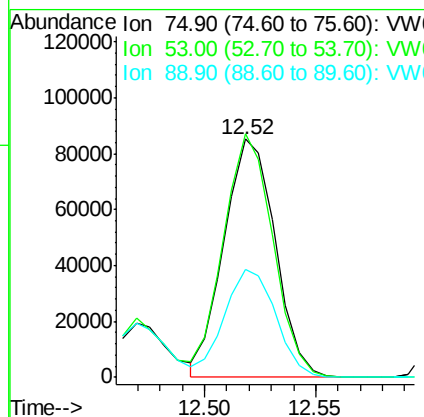
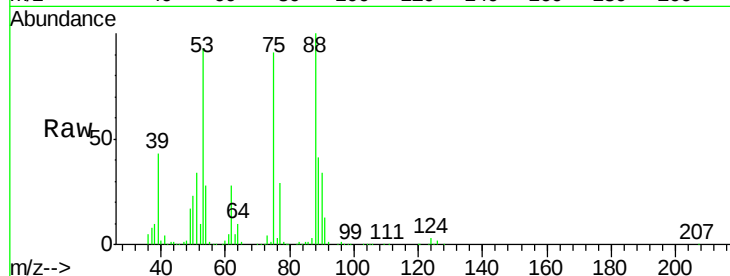
ClientSampleId :

VSTDIC150

Tgt Ion:	75	Resp:	135702
Ion Ratio	Lower	Upper	
75	100		
53	99.2	82.9	124.3
89	45.7	36.7	55.1

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#82

4-Chlorotoluene

Concen: 154.020 ug/l

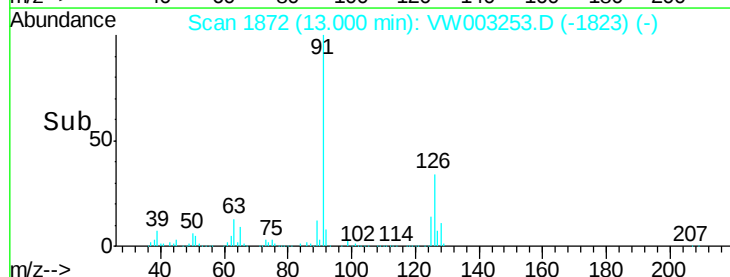
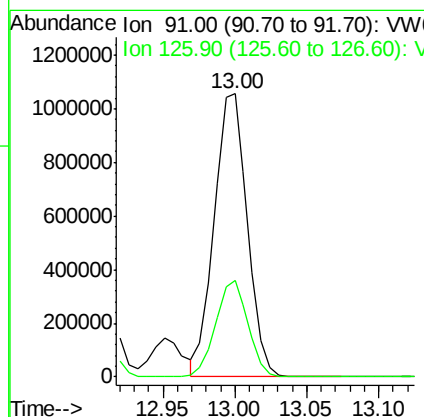
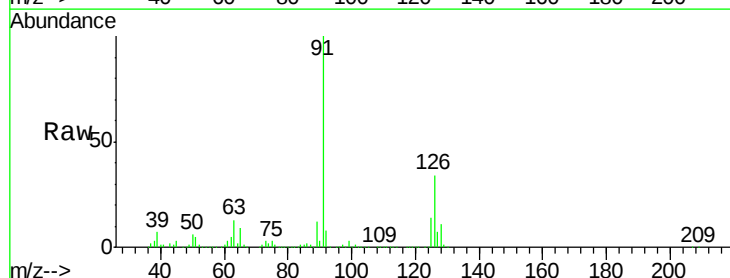
RT: 13.00 min Scan# 1872

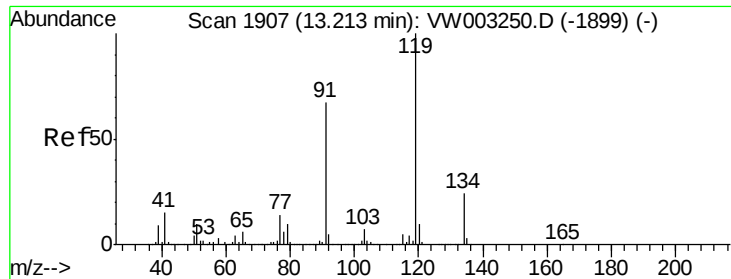
Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Tgt Ion:	91	Resp:	1693474
Ion Ratio	Lower	Upper	
91	100		
126	33.5	16.8	50.3





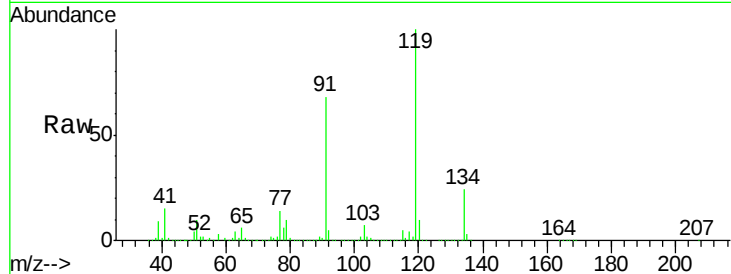
#83
 tert-Butylbenzene
 Concen: 153.103 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

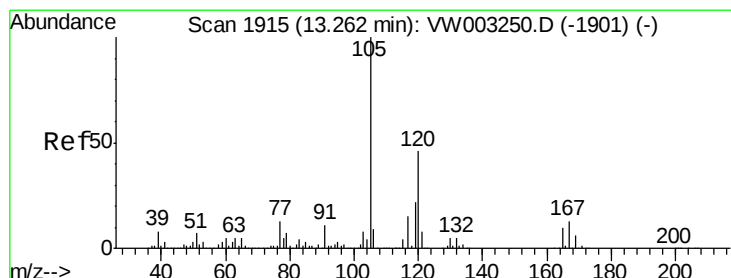
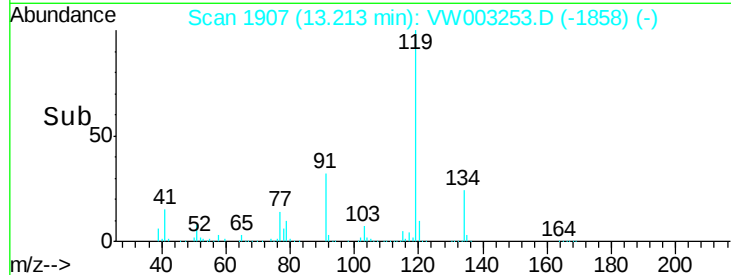
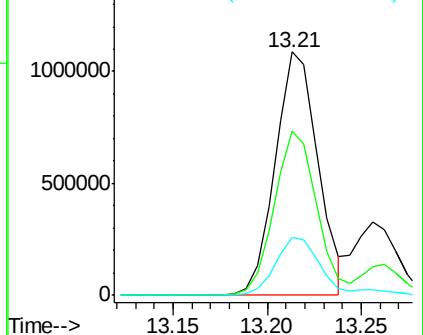
Tgt Ion:119 Resp: 1705911
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.9 101.7
 134 26.3 13.4 40.1

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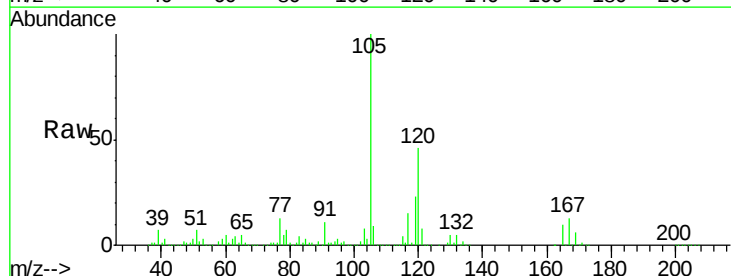


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

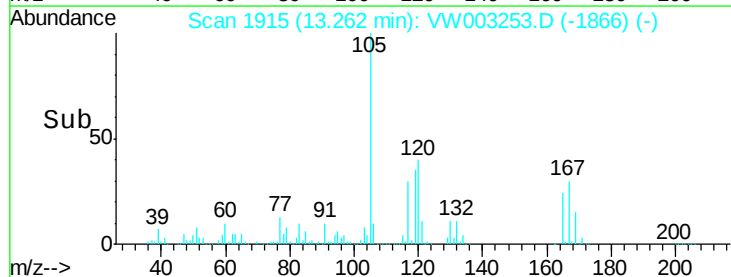
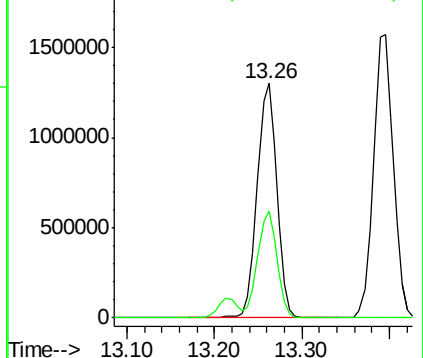


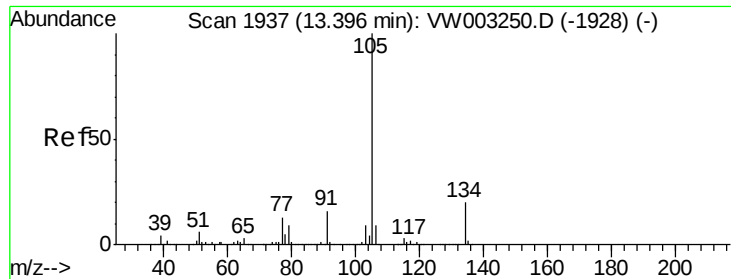
#84
 1,2,4-Trimethylbenzene
 Concen: 155.341 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion:105 Resp: 2031066
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





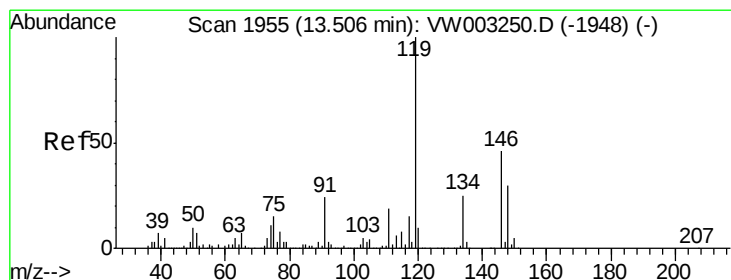
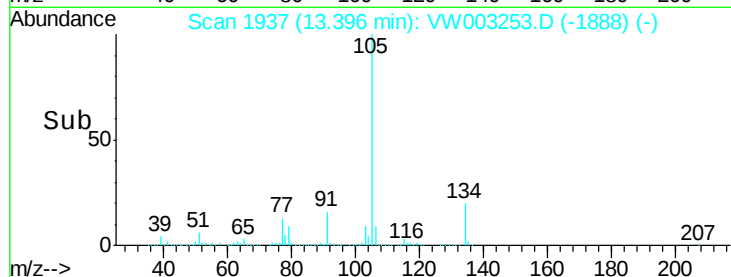
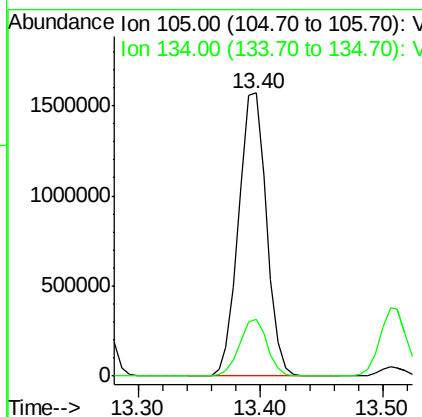
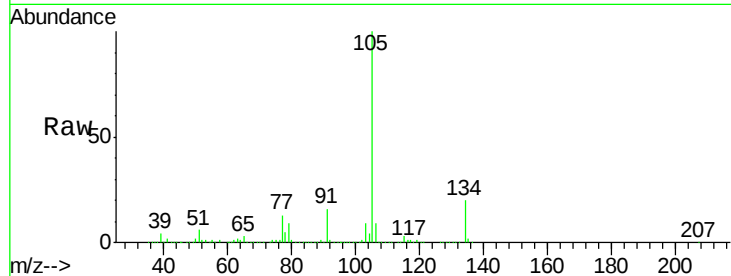
#85
 sec-Butylbenzene
 Concen: 156.243 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 2472827
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

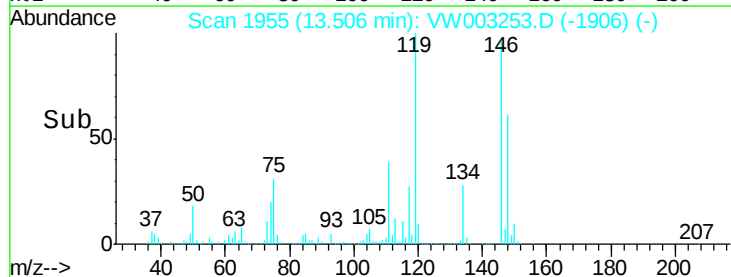
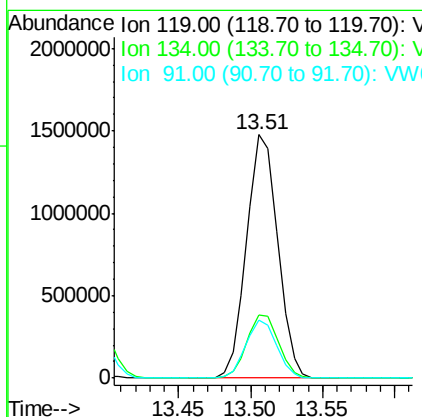
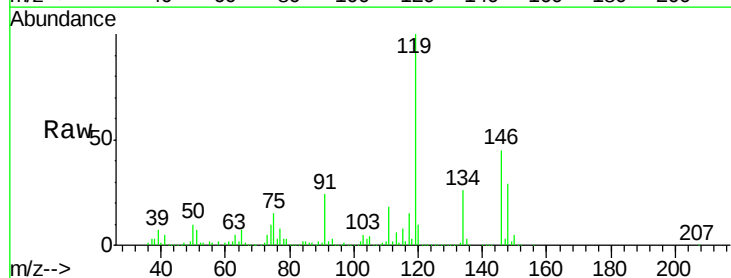
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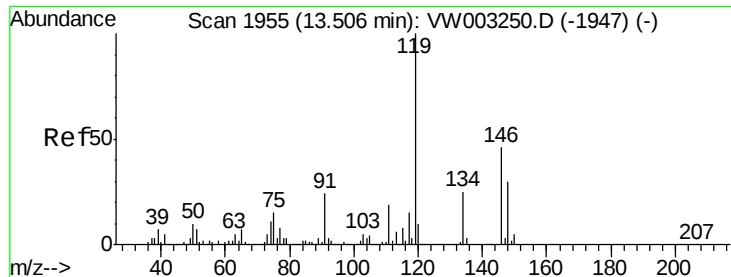
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#86
 p-Isopropyltoluene
 Concen: 155.977 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion:119 Resp: 2207334
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.6 11.8 35.3





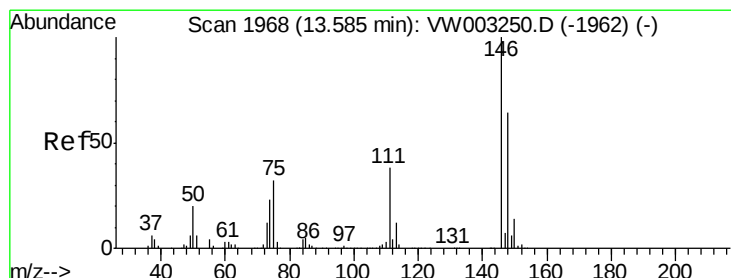
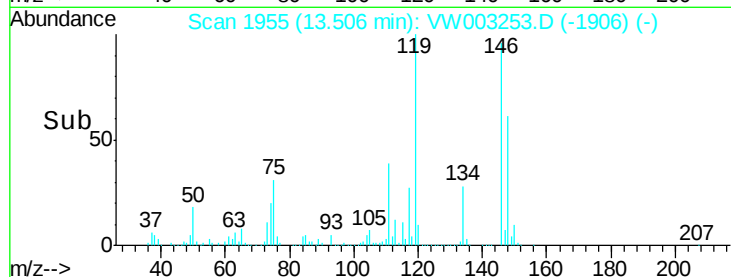
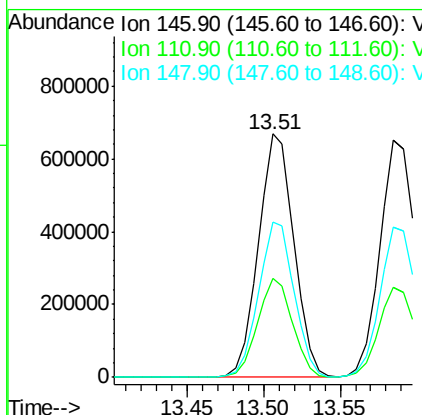
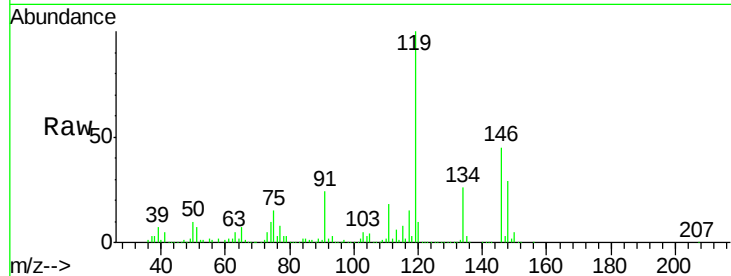
#87
 1,3-Dichlorobenzene
 Concen: 150.012 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1080762
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.8 59.4
 148 63.8 32.1 96.5

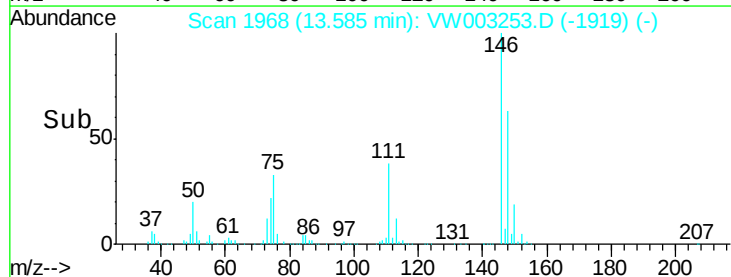
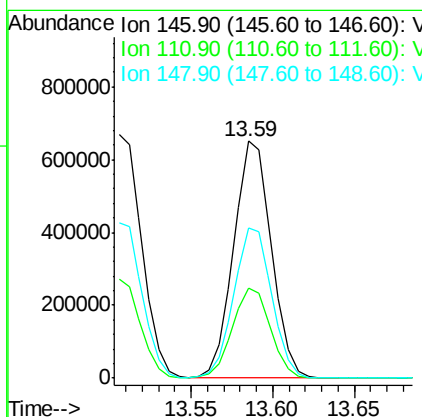
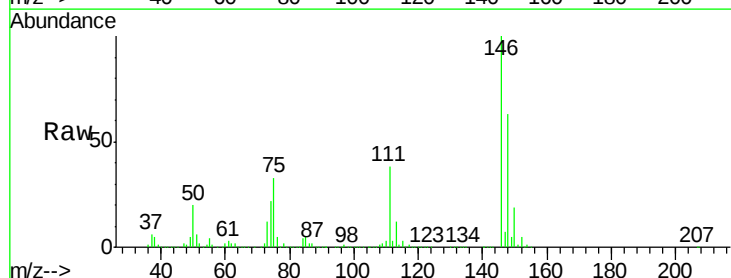
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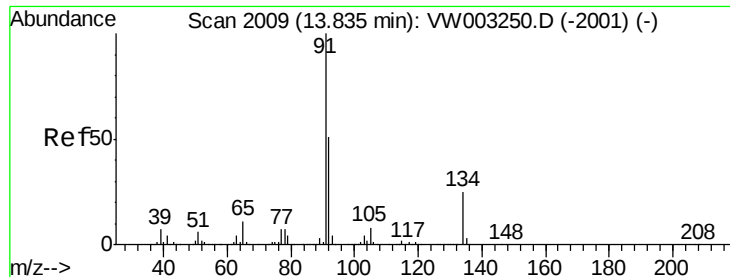
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#88
 1,4-Dichlorobenzene
 Concen: 145.826 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion:146 Resp: 1049308
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.2 57.6
 148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 158.956 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003253.D

Acq: 13 Jun 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2128565

Ion Ratio Lower Upper

91 100

92 52.7 26.0 78.0

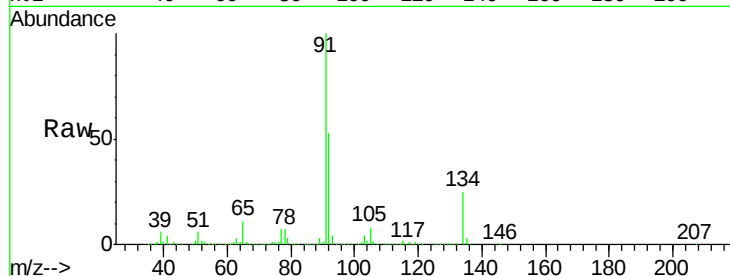
134 25.6 12.7 38.0

Manual Integrations

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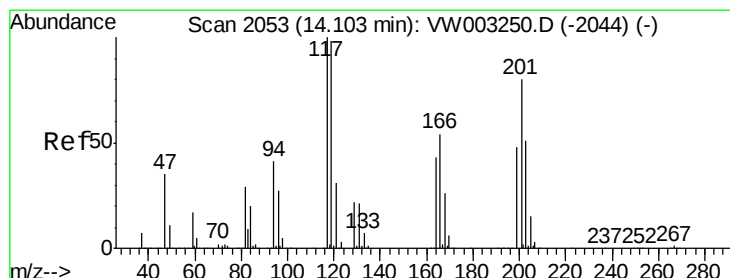
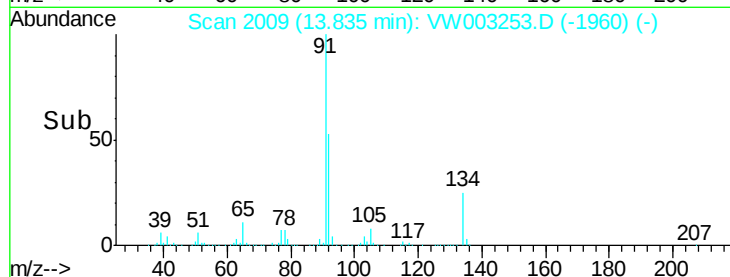
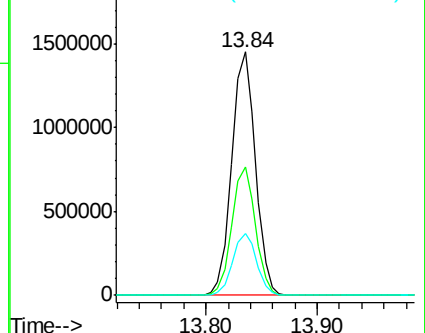
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 159.285 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003253.D

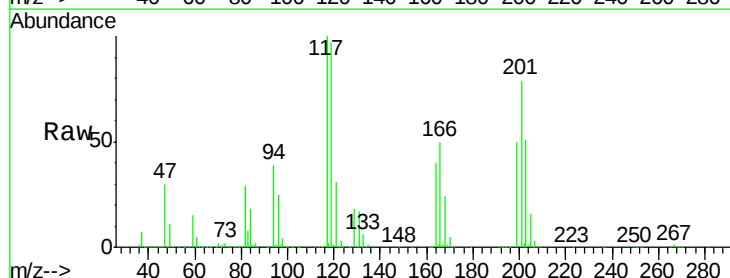
Acq: 13 Jun 2018 18:41

Tgt Ion: 117 Resp: 400329

Ion Ratio Lower Upper

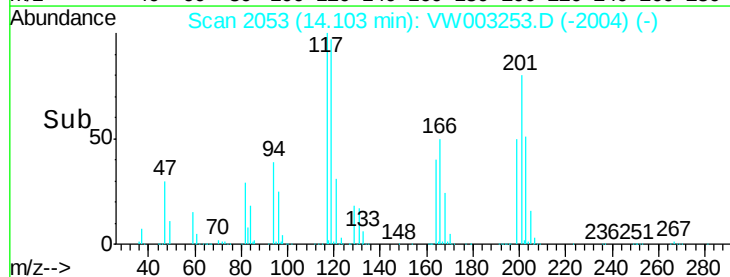
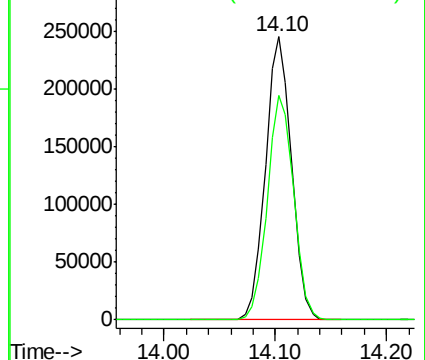
117 100

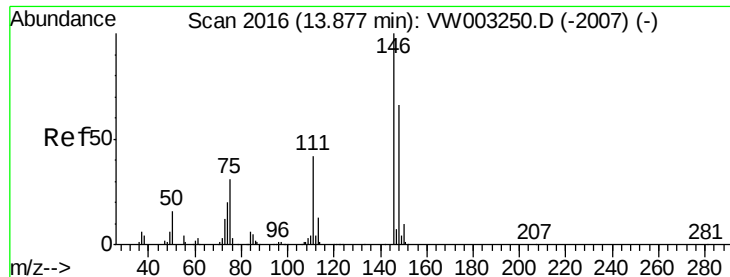
201 80.1 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





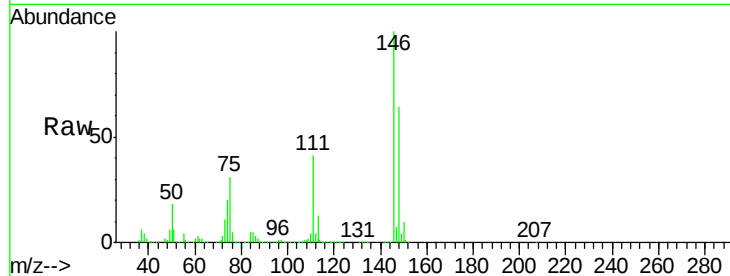
#91
 1,2-Dichlorobenzene
 Concen: 147.676 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

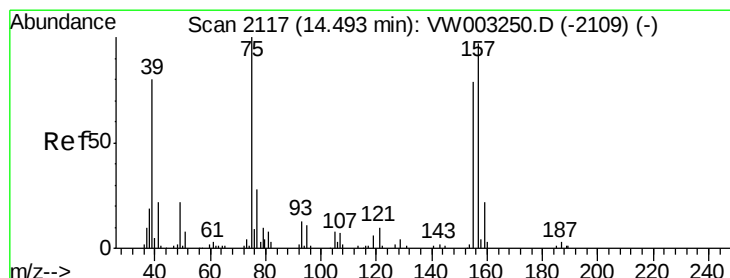
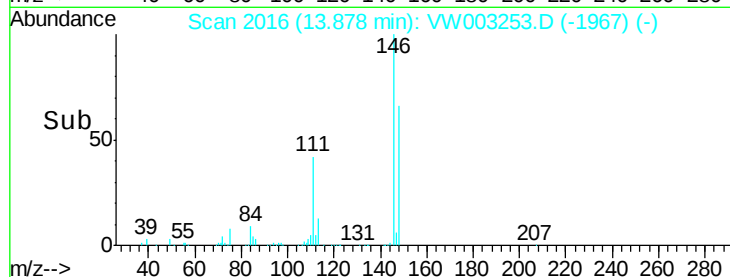
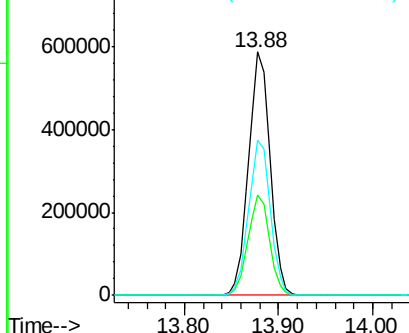
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	947359		
111	41.1	20.3	61.0	
148	64.3	32.3	96.9	

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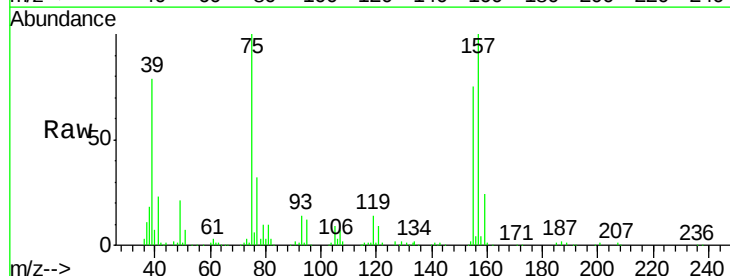


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

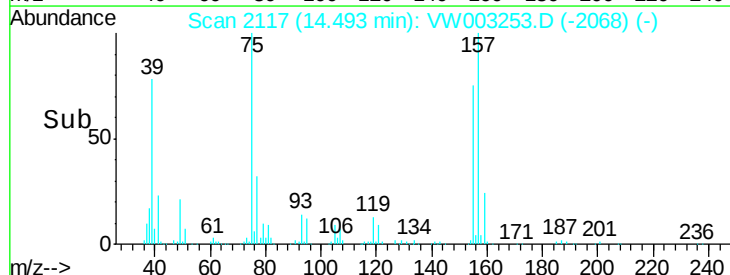
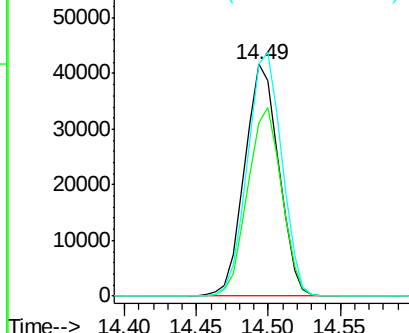


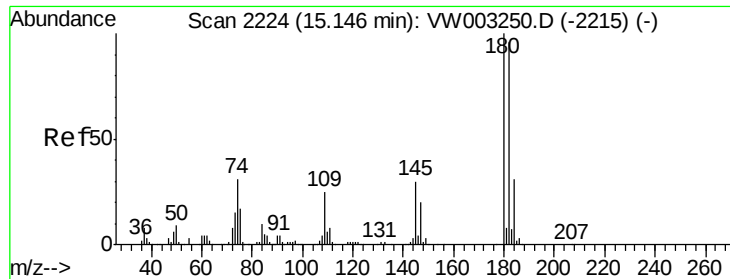
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.832 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68319		
155	80.6	39.4	118.2	
157	105.3	51.5	154.5	



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





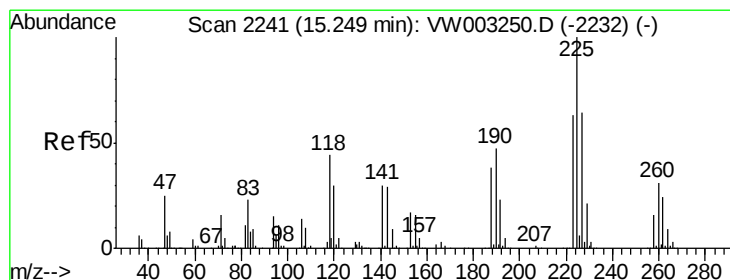
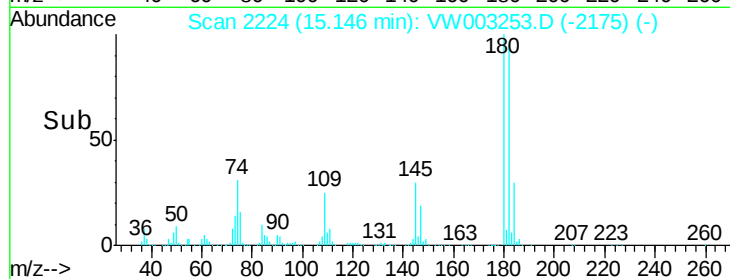
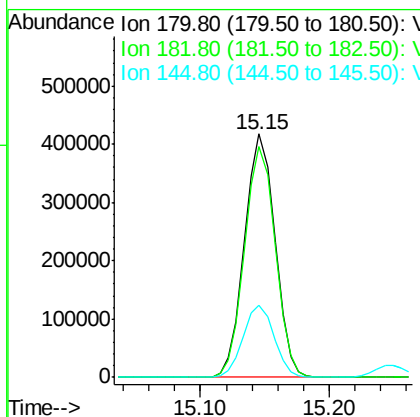
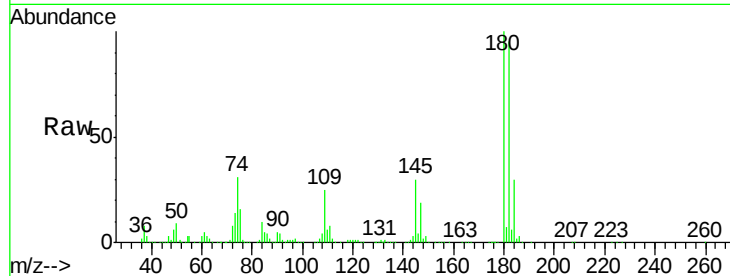
#93
 1,2,4-Trichlorobenzene
 Concen: 149.949 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	684859		
182	95.3	47.9	143.6	
145	30.0	15.2	45.5	

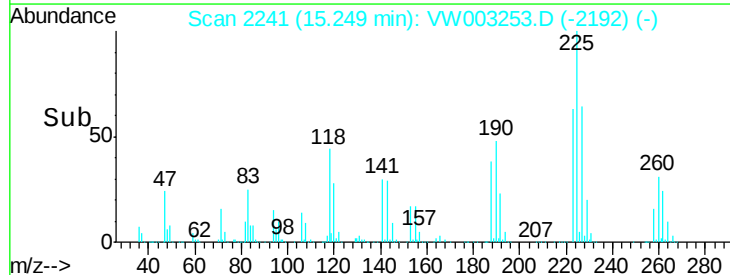
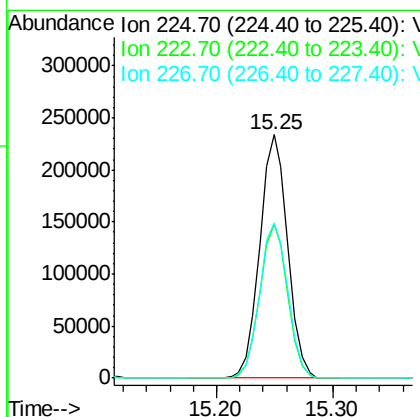
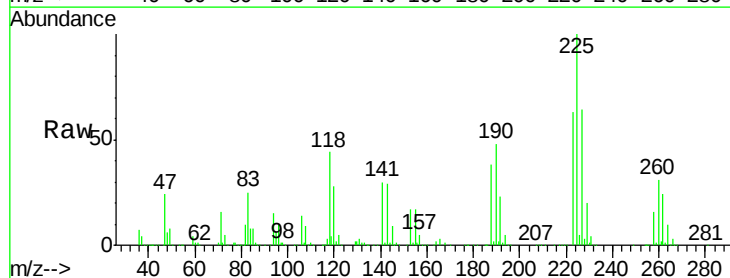
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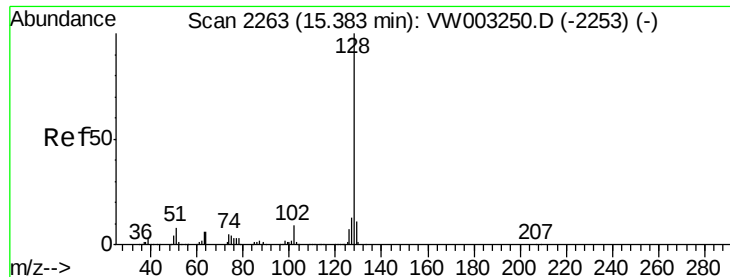
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#94
 Hexachlorobutadiene
 Concen: 145.296 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003253.D
 Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	388851		
223	63.0	30.6	92.0	
227	64.6	31.7	95.1	





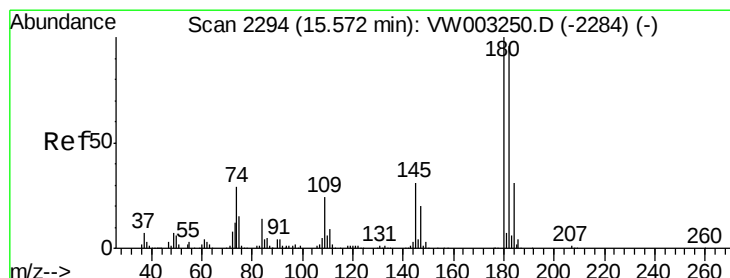
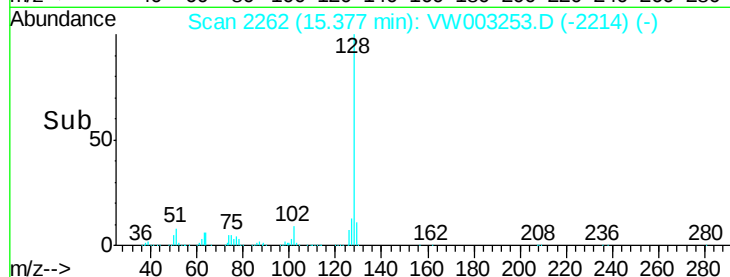
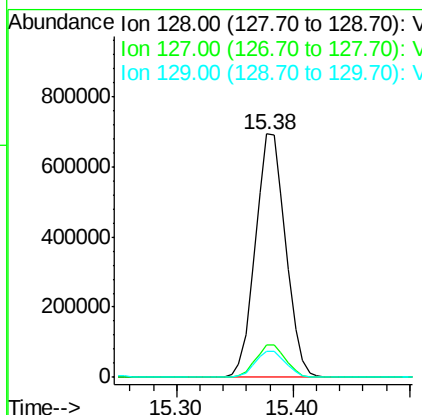
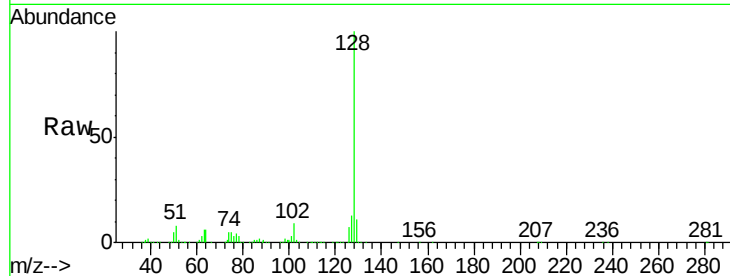
#95
Naphthalene
Concen: 154.748 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 148.067 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003253.D
Acq: 13 Jun 2018 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.6
145	31.7	15.8	47.4

