

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003452.D
 Acq On : 23 Jun 2018 11:12
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 6/25/2018 6:56:24 PM

Quant Time: Jun 25 02:40:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	430041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	396393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	209029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153055	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.88	113	140055	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.33	98	574783	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.63	95	197404	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82865	95.28	ug/l	90
3) Chloromethane	2.21	50	114869	52.27	ug/l	97
4) Vinyl Chloride	2.36	62	147729	46.12	ug/l	98
5) Bromomethane	2.78	94	91955	43.19	ug/l	97
6) Chloroethane	2.93	64	100010	44.85	ug/l	100
7) Trichlorofluoromethane	3.26	101	124001	64.61	ug/l	97
8) Diethyl Ether	3.68	74	60387	42.83	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	131710	49.42	ug/l	100
10) Methyl Iodide	4.26	142	194956	48.37	ug/l	100
11) Tert butyl alcohol	5.26	59	30618	183.21	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	125684	48.26	ug/l	96
13) Acrolein	3.90	56	46495	194.60	ug/l	99
14) Allyl chloride	4.66	41	215044	47.67	ug/l	99
15) Acrylonitrile	5.39	53	124479	214.60	ug/l	99
16) Acetone	4.15	43	167527	256.34	ug/l	100
17) Carbon Disulfide	4.37	76	377040	48.97	ug/l	98
18) Methyl Acetate	4.68	43	67097	43.28	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	219792	45.06	ug/l	99
20) Methylene Chloride	4.91	84	131984	47.35	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	136662	48.22	ug/l	99
22) Diisopropyl ether	6.31	45	437102	48.15	ug/l	97
23) Vinyl Acetate	6.26	43	1191922	227.82	ug/l	99
24) 1,1-Dichloroethane	6.21	63	260429	48.32	ug/l	97
25) 2-Butanone	7.18	43	186288	229.24	ug/l	96
26) 2,2-Dichloropropane	7.17	77	178729	49.69	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	148052	47.55	ug/l	98
28) Bromochloromethane	7.51	49	118401	52.79	ug/l	96
29) Tetrahydrofuran	7.54	42	102562	206.50	ug/l	99
30) Chloroform	7.68	83	265304	48.32	ug/l	98
31) Cyclohexane	7.96	56	238423	47.35	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	224934	49.63	ug/l	100
36) 1,1-Dichloropropene	8.09	75	215618	51.92	ug/l	100
37) Ethyl Acetate	7.26	43	74427	43.26	ug/l	99
38) Carbon Tetrachloride	8.07	117	213725	52.46	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	254344	52.93	ug/l	96
40) Benzene	8.33	78	581550	50.80	ug/l	100
41) Methacrylonitrile	7.49	41	46886	44.41	ug/l	99
42) 1,2-Dichloroethane	8.40	62	171928	47.94	ug/l	99
43) Isopropyl Acetate	8.43	43	147550	43.19	ug/l	97
44) Trichloroethene	9.09	130	151108	49.81	ug/l	97
45) 1,2-Dichloropropane	9.37	63	146531	50.27	ug/l	99
46) Dibromomethane	9.46	93	70939	47.54	ug/l	99
47) Bromodichloromethane	9.65	83	192179	50.24	ug/l	99
48) Methyl methacrylate	9.44	41	72214	44.98	ug/l	97
49) 1,4-Dioxane	9.50	88	17909	794.83	ug/l	81
51) 4-Methyl-2-Pentanone	10.21	43	387737	222.74	ug/l	99
52) Toluene	10.39	92	373214	50.84	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	190228	48.68	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	221042	49.70	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	99233	47.19	ug/l	100
56) Ethyl methacrylate	10.65	69	117830	46.14	ug/l	98
57) 1,3-Dichloropropane	10.94	76	173263	47.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	259439	226.64	ug/l	99
59) 2-Hexanone	10.98	43	297645	244.75	ug/l	99
60) Dibromochloromethane	11.13	129	123023	49.19	ug/l	98
61) 1,2-Dibromoethane	11.24	107	93389	46.95	ug/l	99
64) Tetrachloroethene	10.87	164	130389	49.18	ug/l	99
65) Chlorobenzene	11.66	112	407768	49.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	143358	49.42	ug/l	99
67) Ethyl Benzene	11.74	91	753806	51.52	ug/l	99
68) m/p-Xylenes	11.85	106	571168	102.69	ug/l	99
69) o-Xylene	12.17	106	264892	51.39	ug/l	99
70) Styrene	12.19	104	441087	51.41	ug/l	100
71) Bromoform	12.35	173	69144	45.99	ug/l #	98
73) Isopropylbenzene	12.47	105	754824	51.92	ug/l	99
74) N-amyl acetate	12.28	43	146652	44.32	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	112812	45.86	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	80012m	44.78	ug/l	
77) Bromobenzene	12.76	156	166117	49.06	ug/l	99
78) n-propylbenzene	12.81	91	939654	52.78	ug/l	100
79) 2-Chlorotoluene	12.90	91	516471	51.34	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	640640	52.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	34916	44.96	ug/l	98
82) 4-Chlorotoluene	13.00	91	542647	50.85	ug/l	100
83) tert-Butylbenzene	13.21	119	544226	52.33	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	650484	51.82	ug/l	100
85) sec-Butylbenzene	13.39	105	817877	52.91	ug/l	99
86) p-Isopropyltoluene	13.51	119	720474	52.84	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	345837	49.72	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	337651	48.83	ug/l	99
89) n-Butylbenzene	13.84	91	710910	53.49	ug/l	100
90) Hexachloroethane	14.10	117	126509	51.29	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	299534	49.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18510	44.72	ug/l	100

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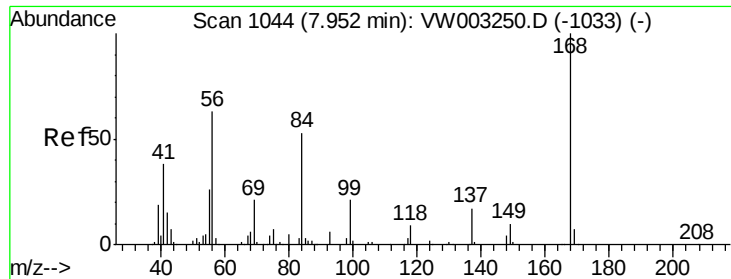
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	207734	48.57	ug/l	100
94) Hexachlorobutadiene	15.25	225	129074	50.17	ug/l	98
95) Naphthalene	15.38	128	332149	45.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	177636	47.18	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 287682

Ion Ratio Lower Upper

168 100

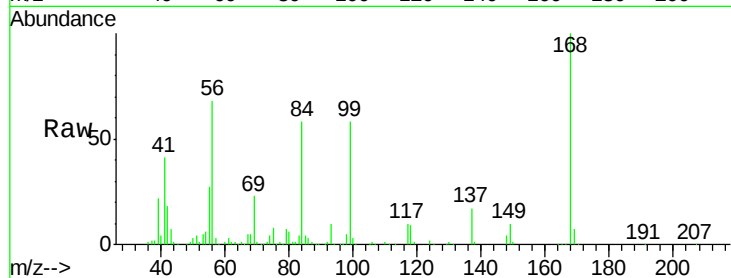
99 57.7 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

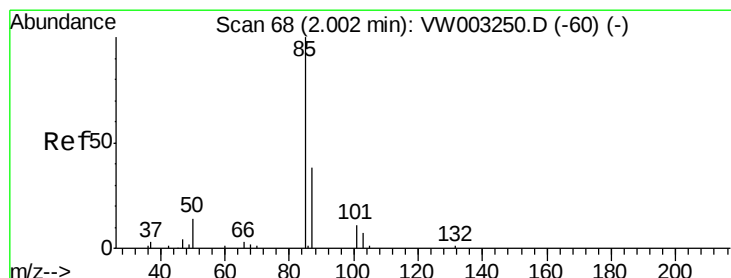
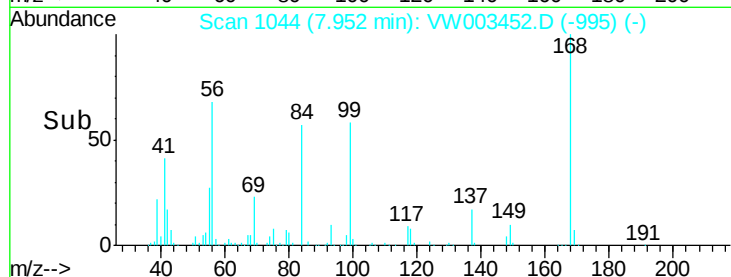
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 95.28 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003452.D

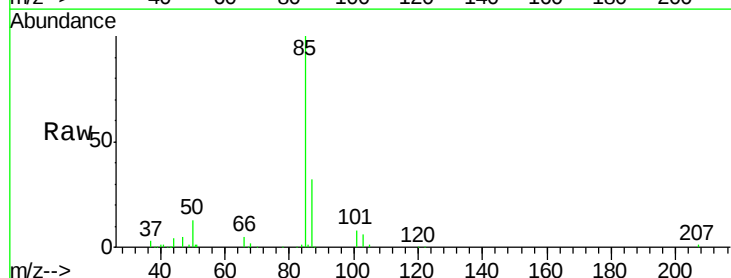
Acq: 23 Jun 2018 11:12

Tgt Ion: 85 Resp: 82865

Ion Ratio Lower Upper

85 100

87 31.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

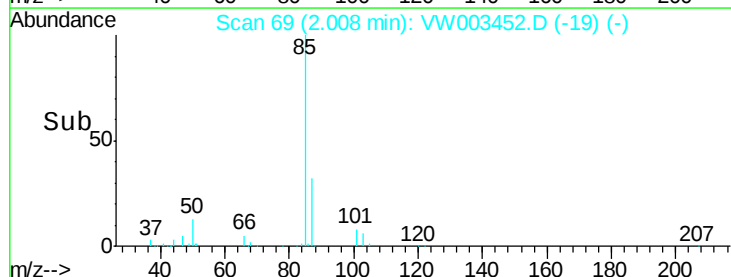
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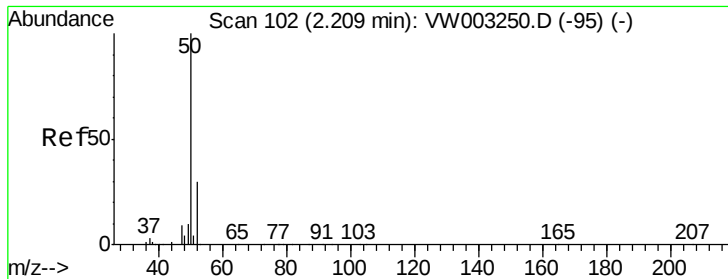
10000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 52.27 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 114869

Ion Ratio Lower Upper

50 100

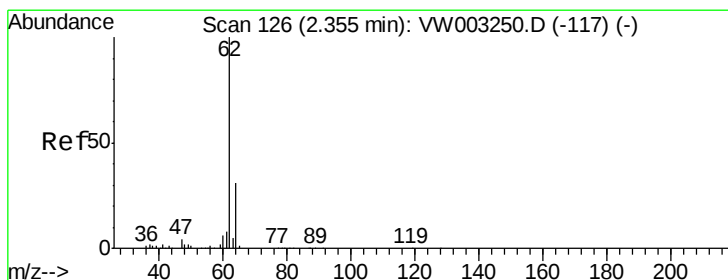
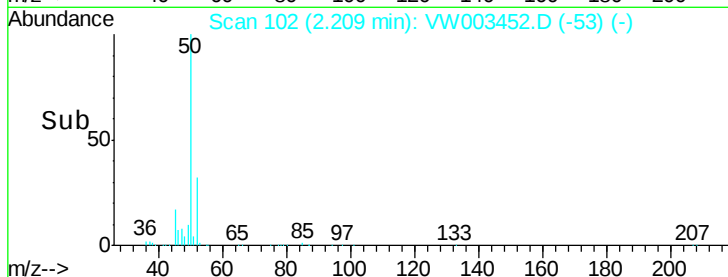
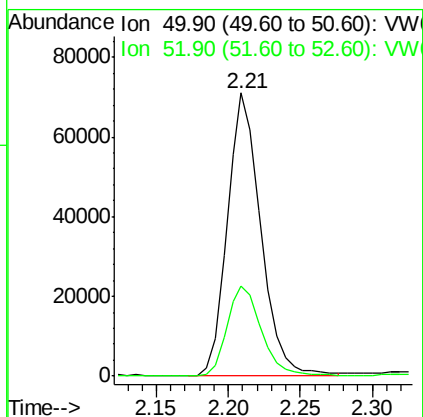
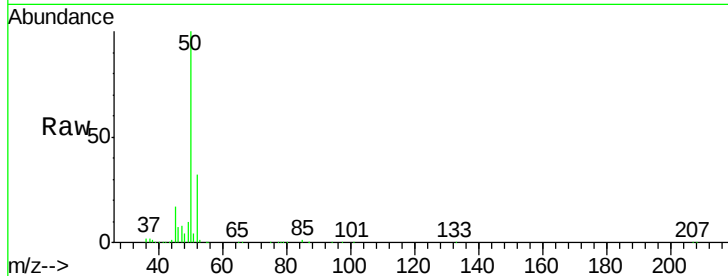
52 31.9 24.2 36.2

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#4

Vinyl Chloride

Concen: 46.12 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003452.D

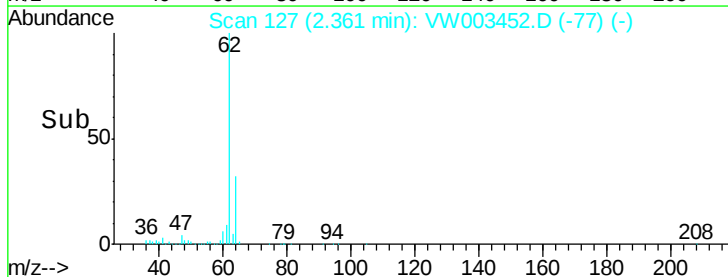
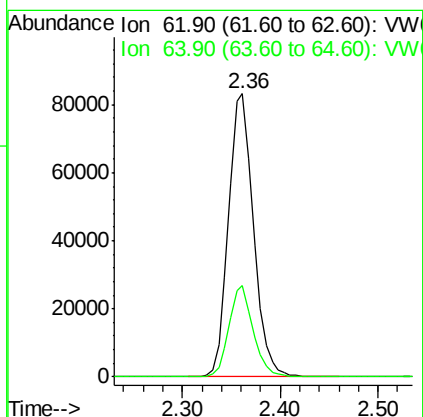
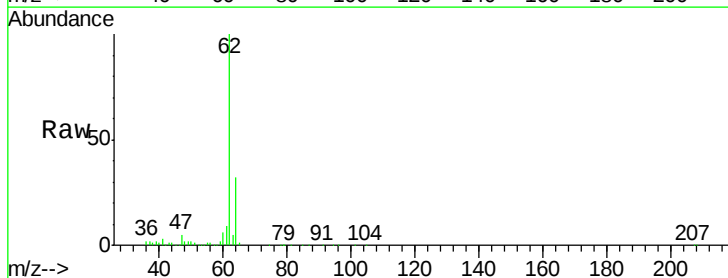
Acq: 23 Jun 2018 11:12

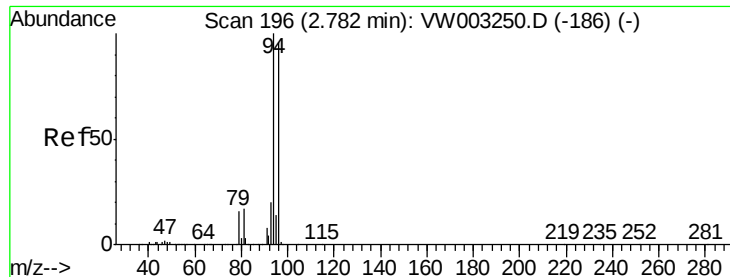
Tgt Ion: 62 Resp: 147729

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3





#5

Bromomethane

Concen: 43.19 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 91955

Ion Ratio Lower Upper

94 100

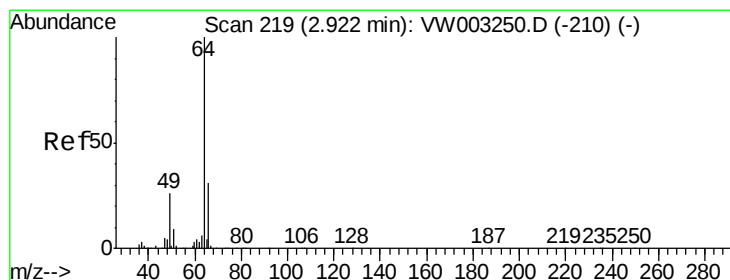
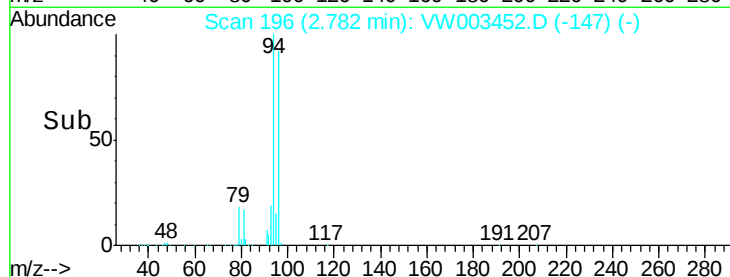
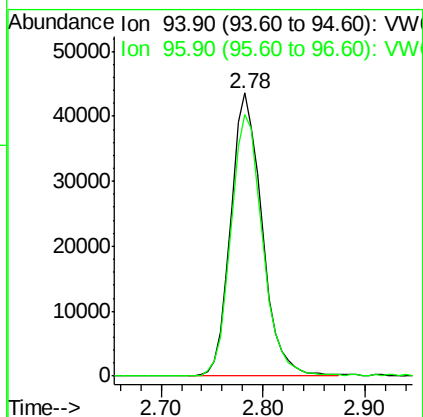
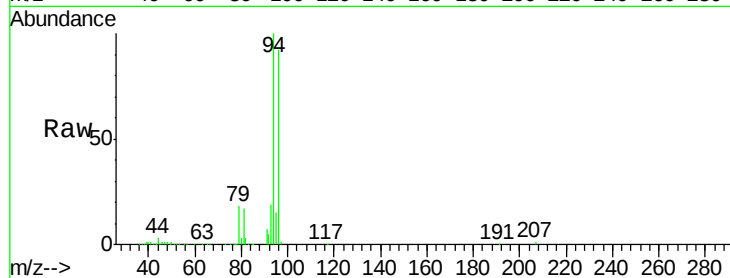
96 92.3 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 44.85 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003452.D

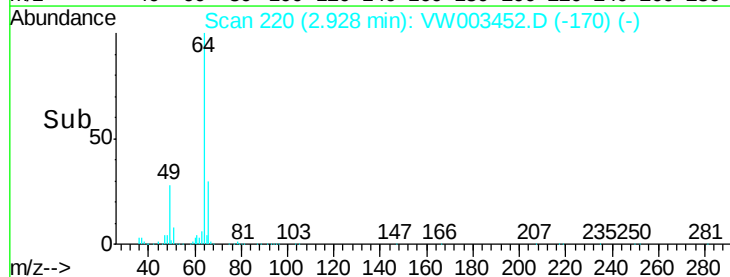
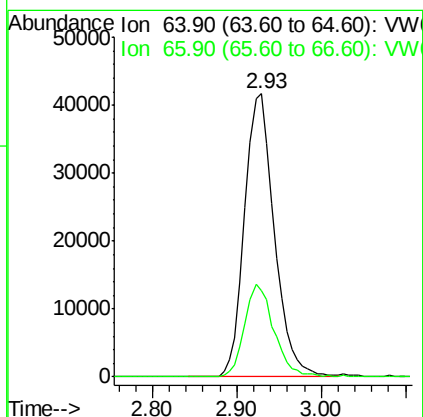
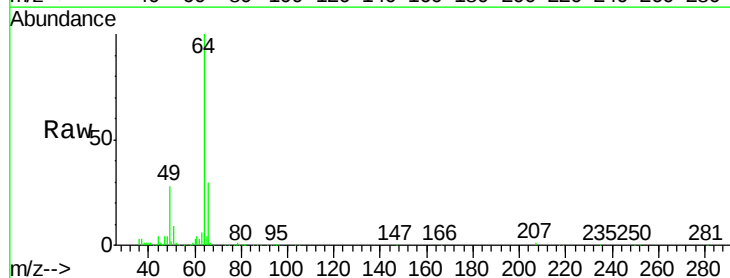
Acq: 23 Jun 2018 11:12

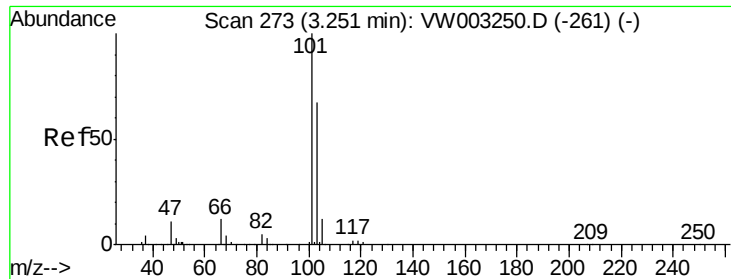
Tgt Ion: 64 Resp: 100010

Ion Ratio Lower Upper

64 100

66 30.3 24.4 36.6





#7

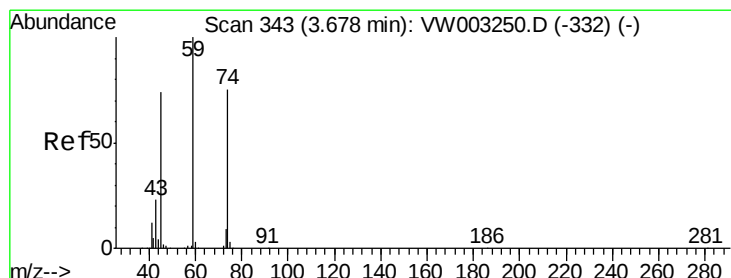
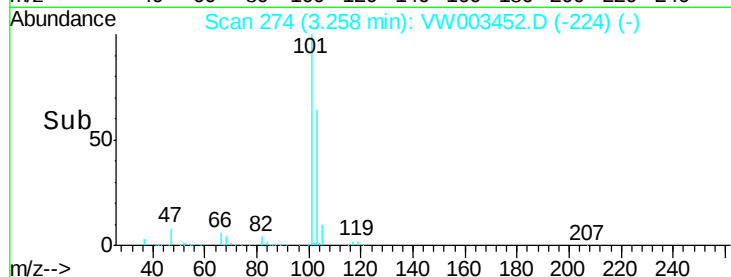
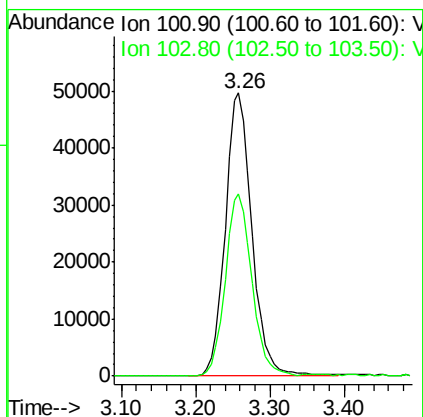
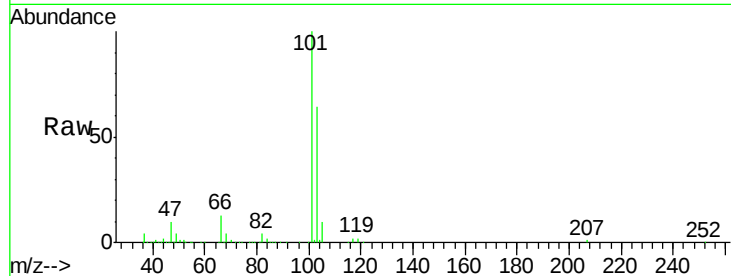
Trichlorofluoromethane
Concen: 64.61 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.4	80.0

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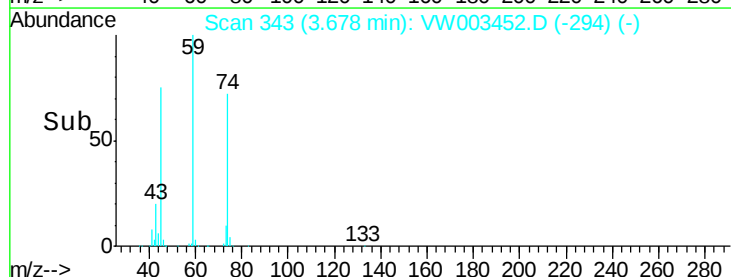
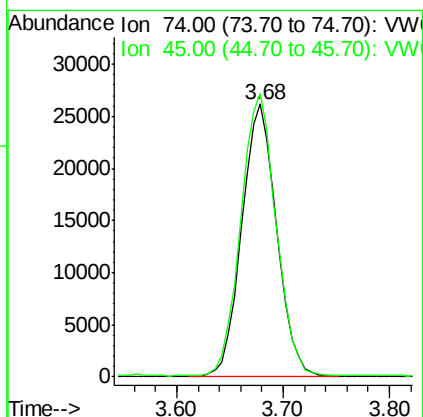
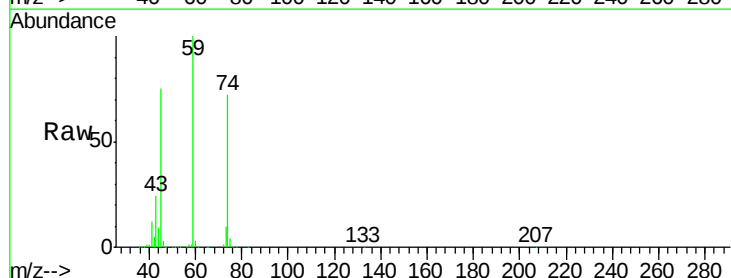
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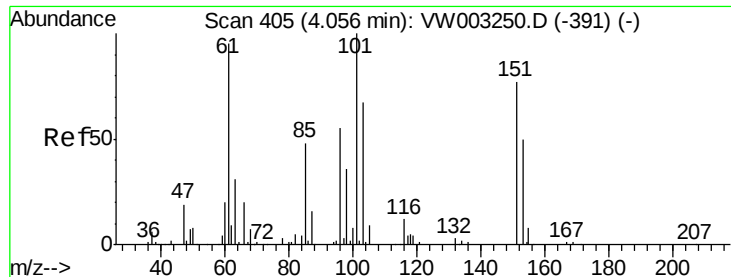


#8

Diethyl Ether
Concen: 42.83 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.42 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

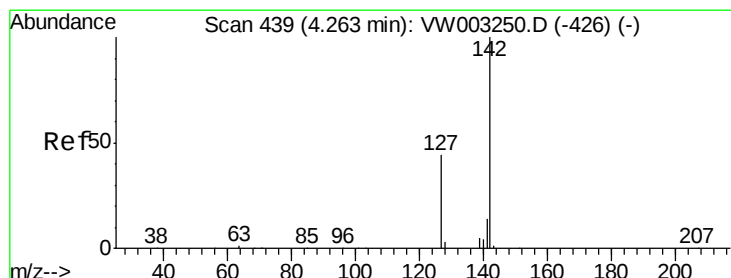
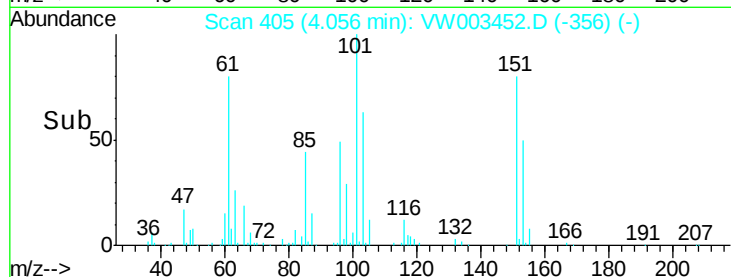
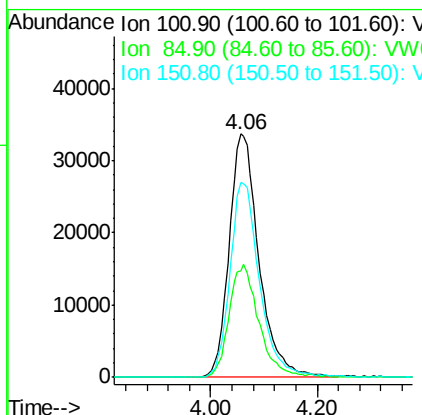
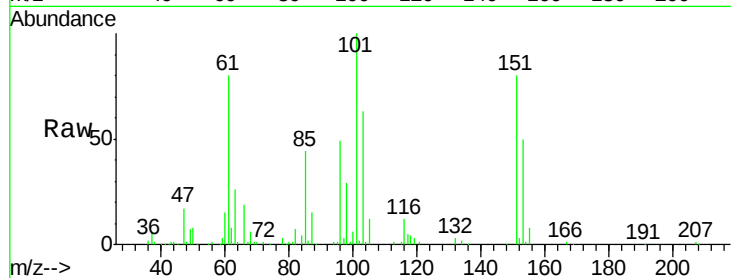
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	131710
Ion Ratio	Lower	Upper	
101	100		
85	46.2	37.0	55.6
151	79.2	63.3	94.9

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#10

Methyl Iodide

Concen: 48.37 ug/l

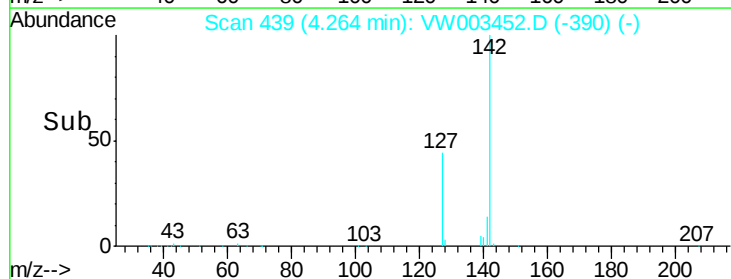
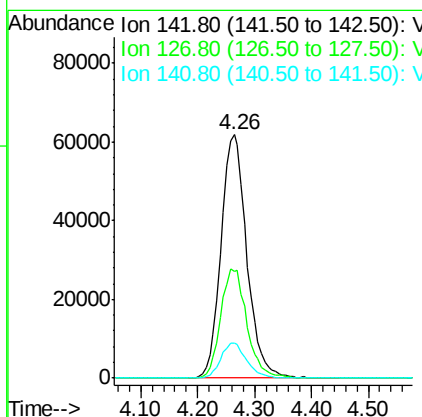
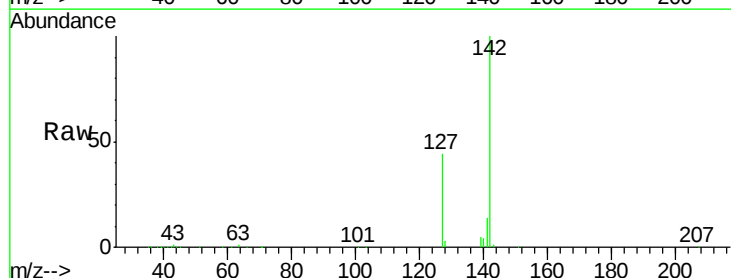
RT: 4.26 min Scan# 439

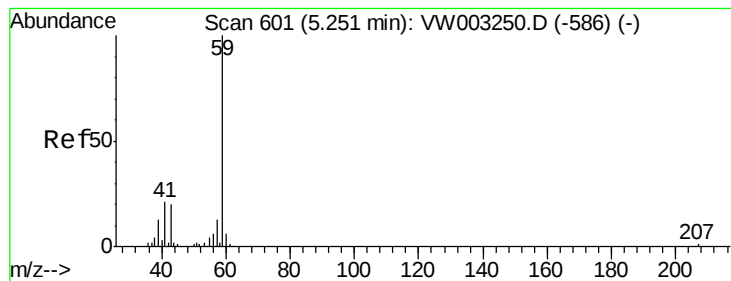
Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion:	142	Resp:	194956
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.5	54.7
141	14.6	12.1	18.1





#11

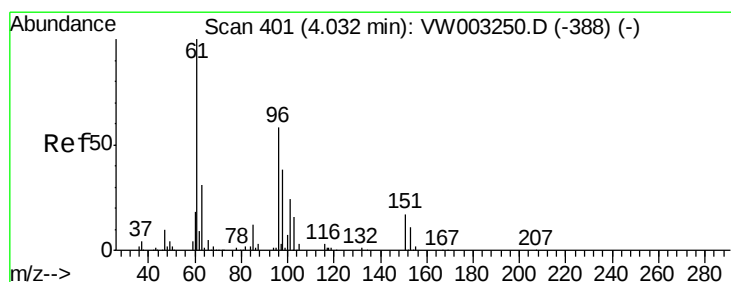
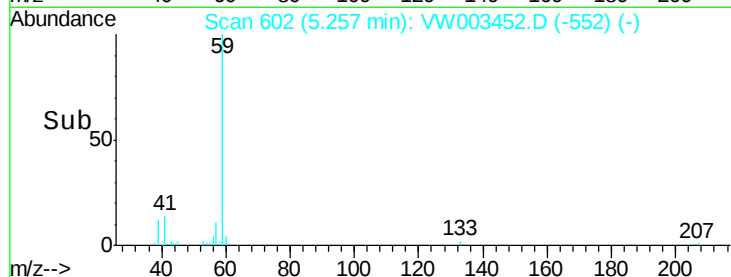
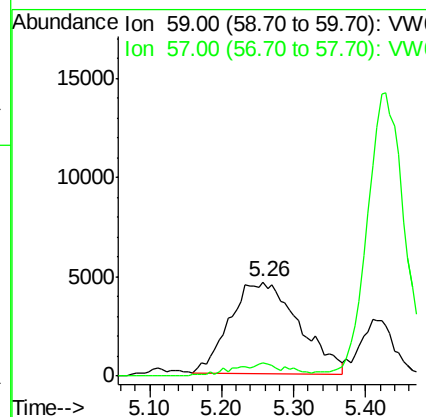
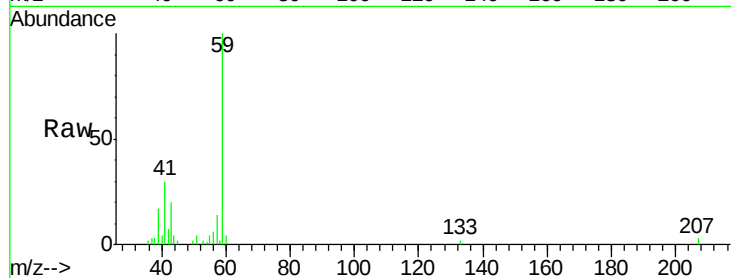
Tert butyl alcohol
Concen: 183.21 ug/l
RT: 5.26 min Scan# 602
Delta R.T. 0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.2	6.2#

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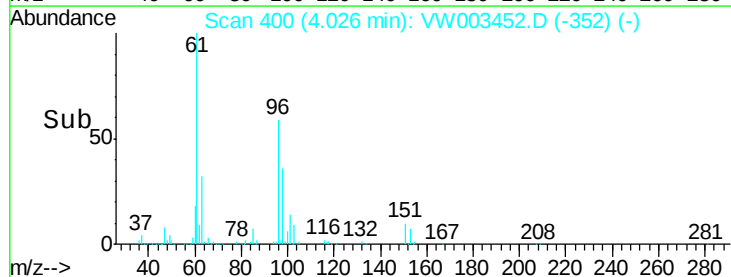
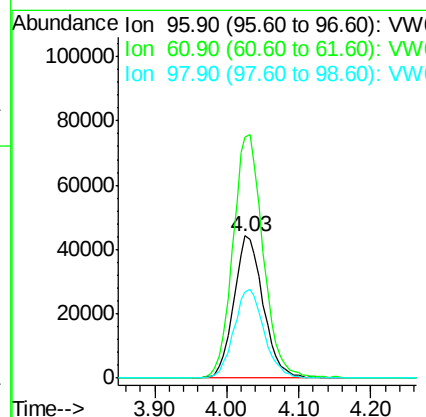
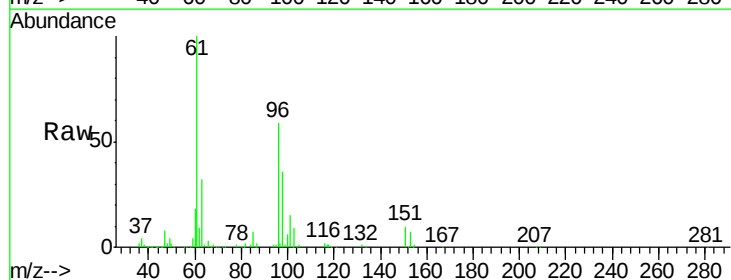
apatel
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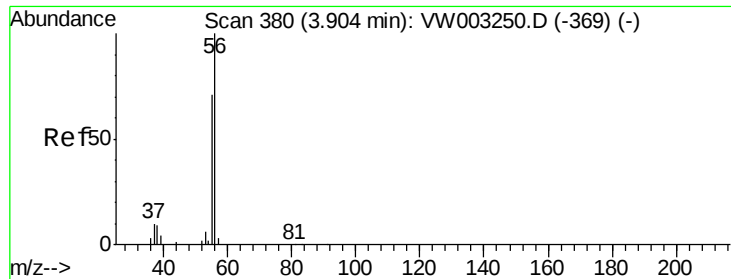


#12

1,1-Dichloroethene
Concen: 48.26 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.2	139.0	208.4
98	60.9	53.3	79.9





#13

Acrolein

Concen: 194.60 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 46495

Ion Ratio Lower Upper

56 100

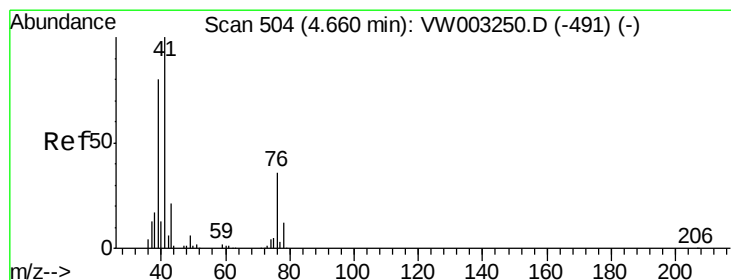
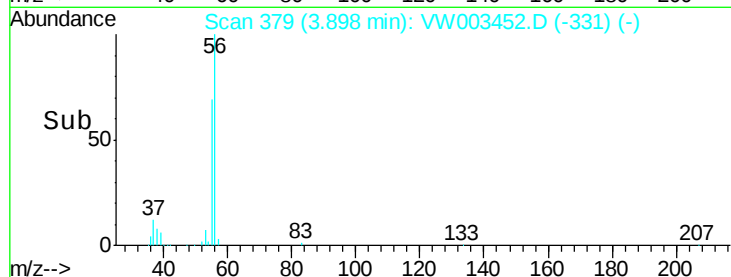
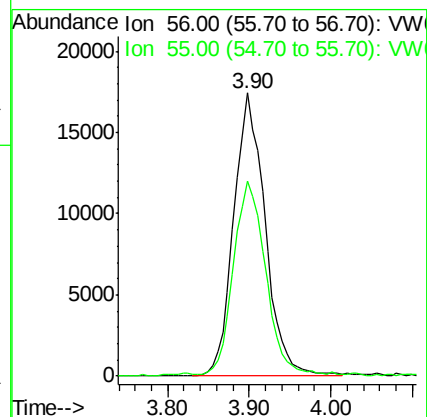
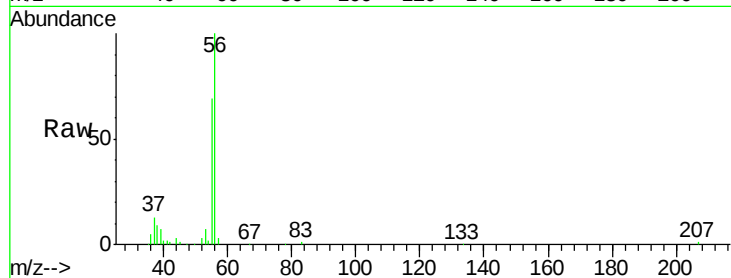
55 70.3 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 47.67 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

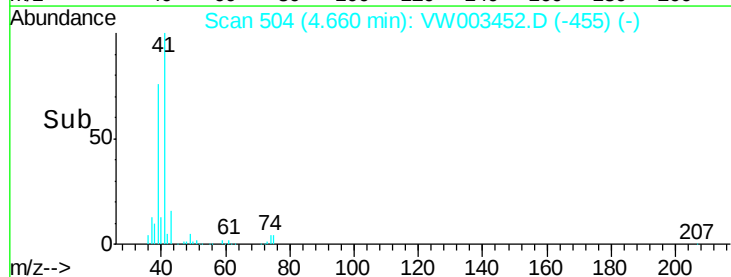
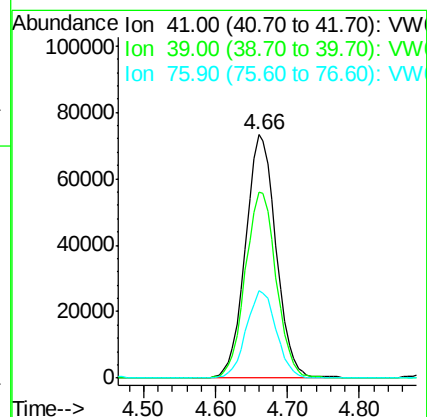
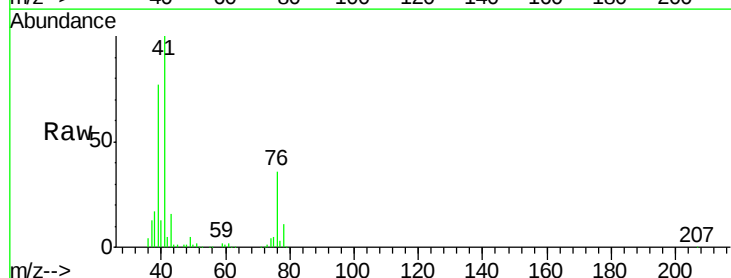
Tgt Ion: 41 Resp: 215044

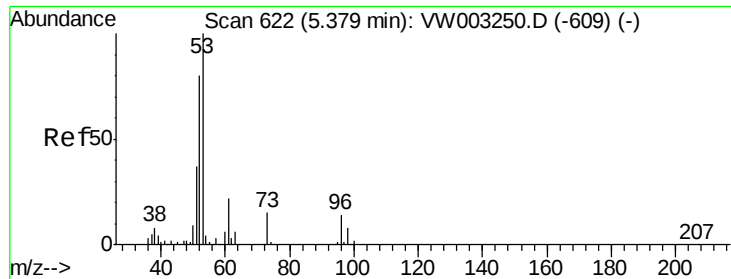
Ion Ratio Lower Upper

41 100

39 77.8 63.2 94.8

76 35.3 28.0 42.0





#15

Acrylonitrile

Concen: 214.60 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

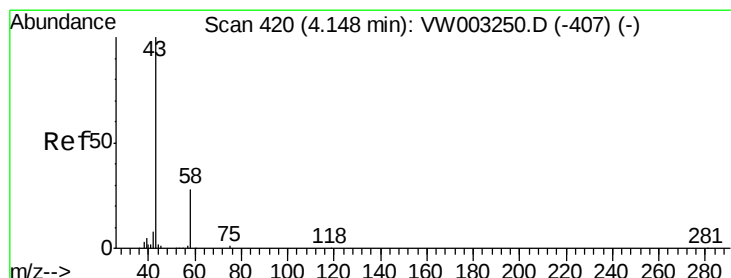
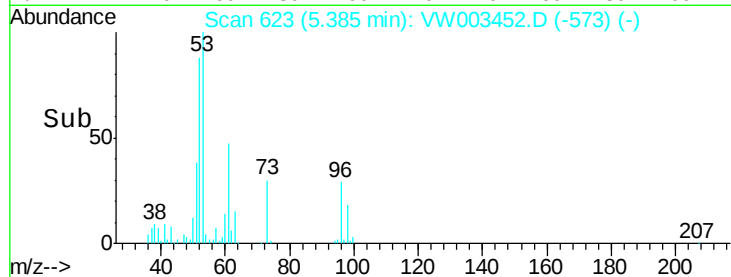
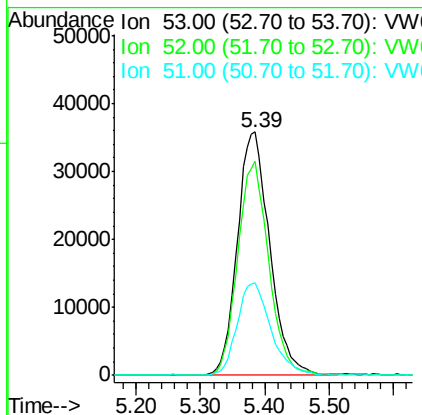
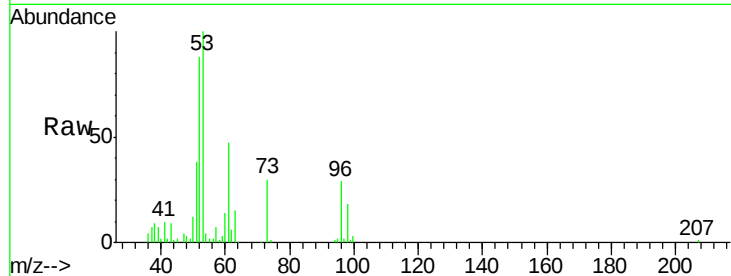
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	124479
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.6	100.0
51	39.5	30.6	46.0

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#16

Acetone

Concen: 256.34 ug/l

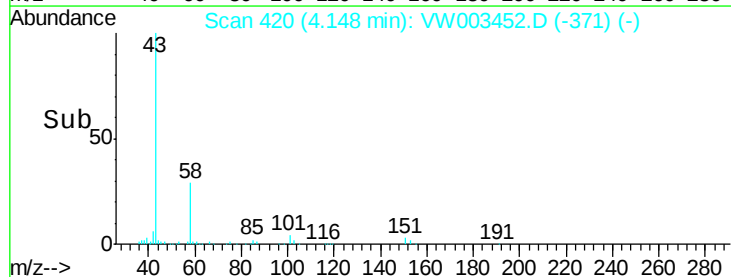
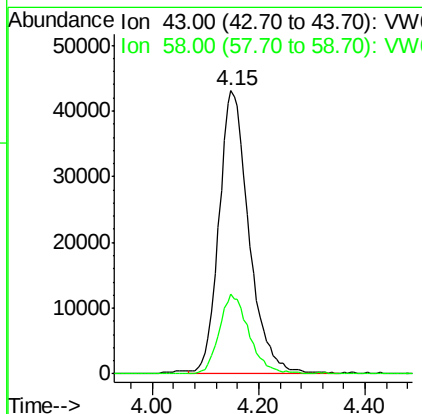
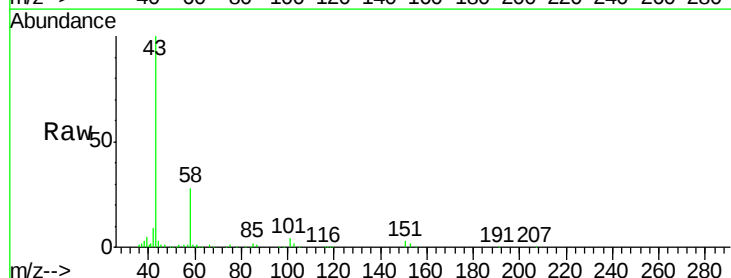
RT: 4.15 min Scan# 420

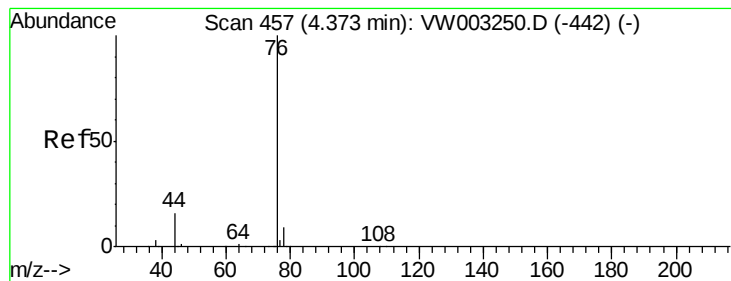
Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion:	43	Resp:	167527
Ion Ratio	Lower	Upper	
43	100		
58	28.4	22.6	34.0





#17

Carbon Disulfide

Concen: 48.97 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 377040

Ion Ratio Lower Upper

76 100

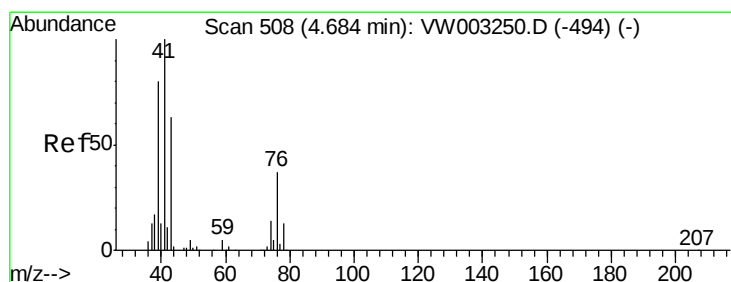
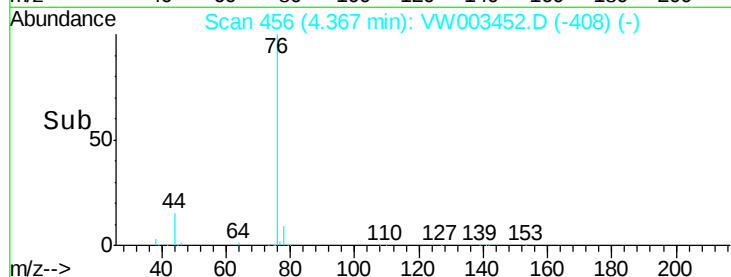
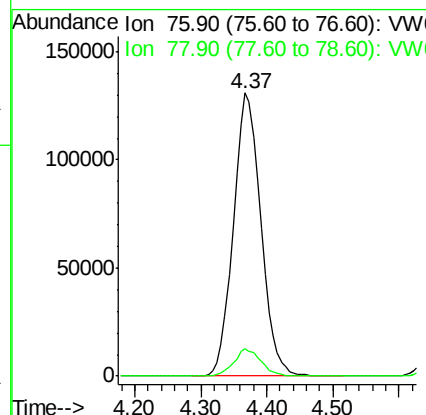
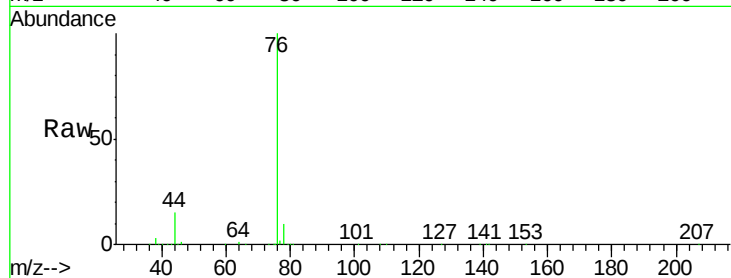
78 9.8 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 43.28 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003452.D

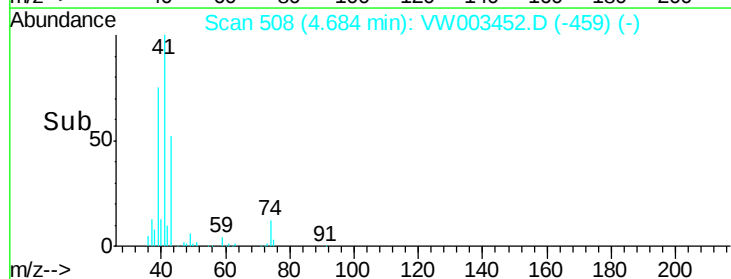
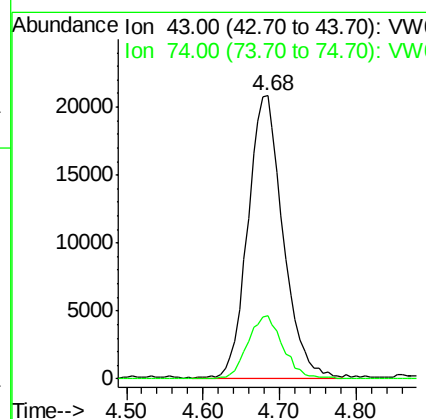
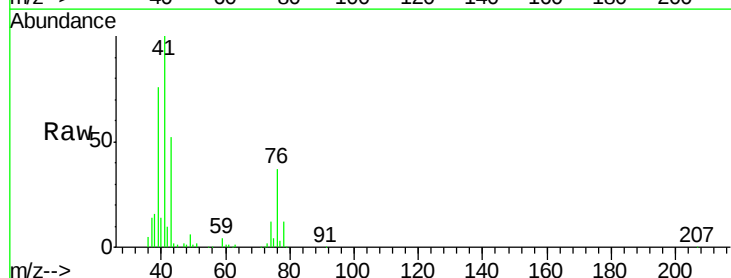
Acq: 23 Jun 2018 11:12

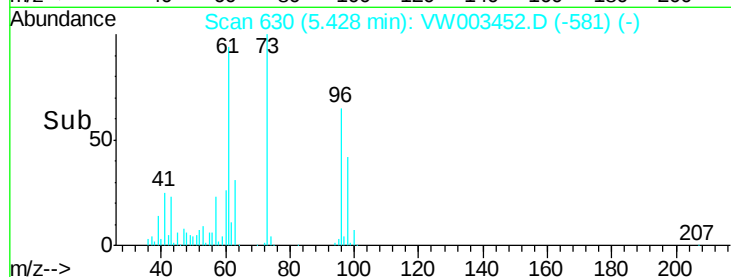
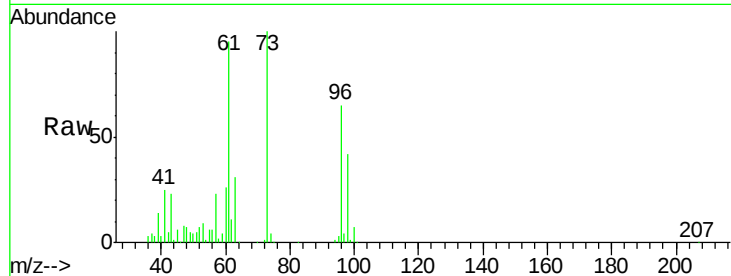
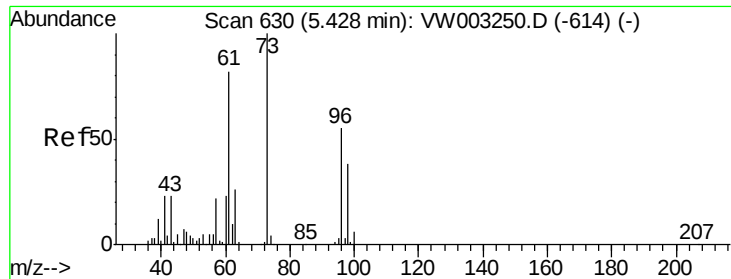
Tgt Ion: 43 Resp: 67097

Ion Ratio Lower Upper

43 100

74 22.3 18.7 28.1





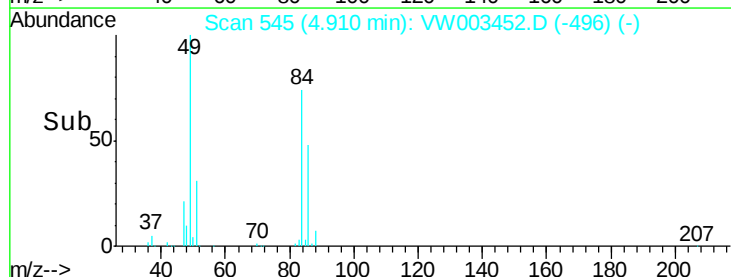
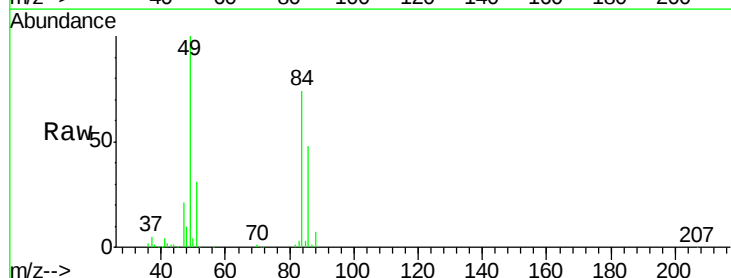
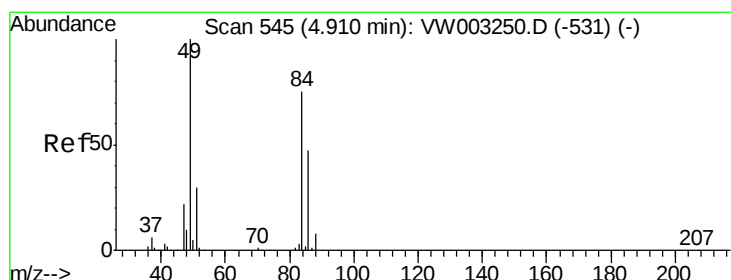
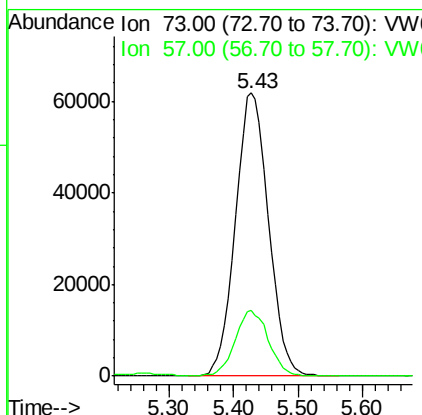
#19
Methvl tert-butvl Ether
Concen: 45.06 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tot Ion: 73 Resp: 219792
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

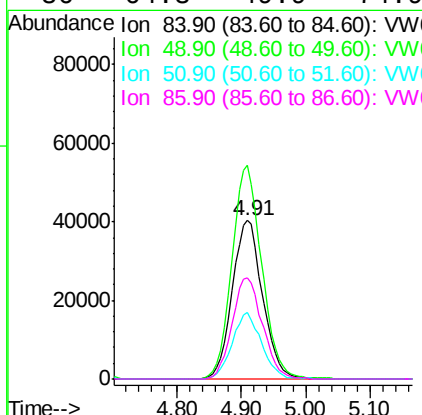
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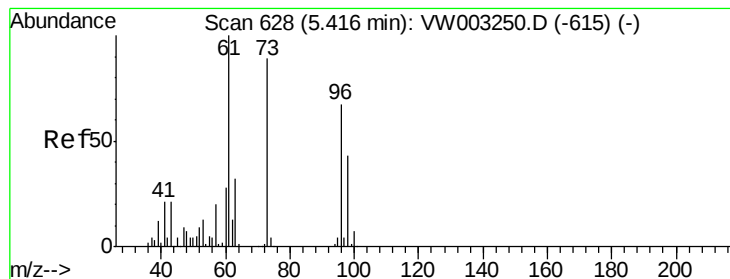
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#20
Methylene Chloride
Concen: 47.35 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 84 Resp: 131984
Ion Ratio Lower Upper
84 100
49 135.0 106.3 159.5
51 42.2 32.0 48.0
86 64.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.22 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 136662

Ion Ratio Lower Upper

96 100

61 146.8 118.7 178.1

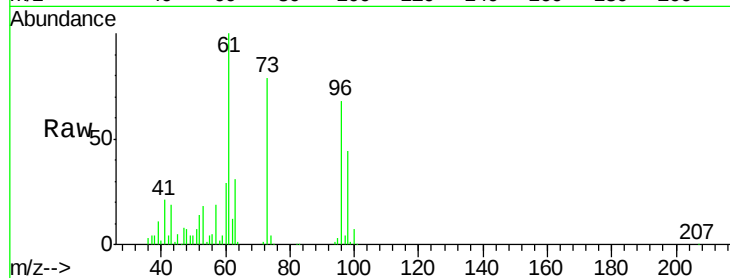
98 64.6 51.0 76.6

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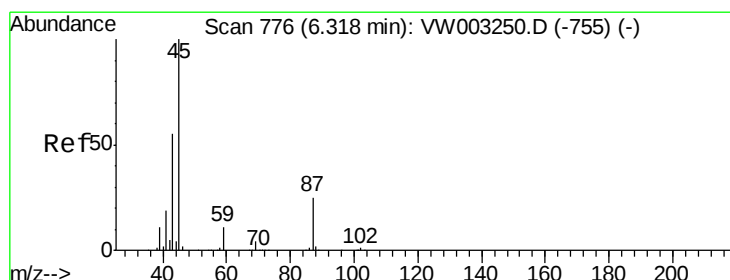
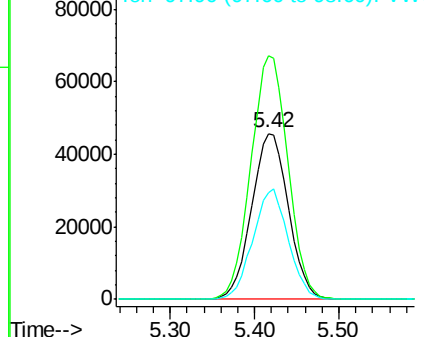
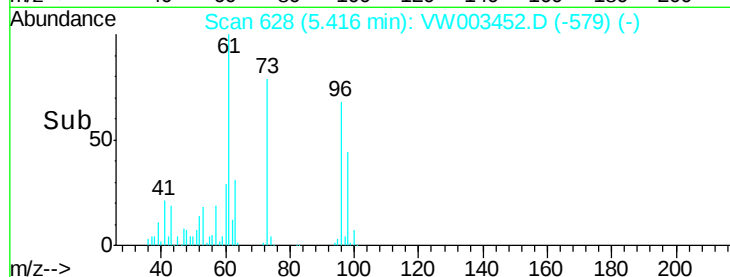
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Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 48.15 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion: 45 Resp: 437102

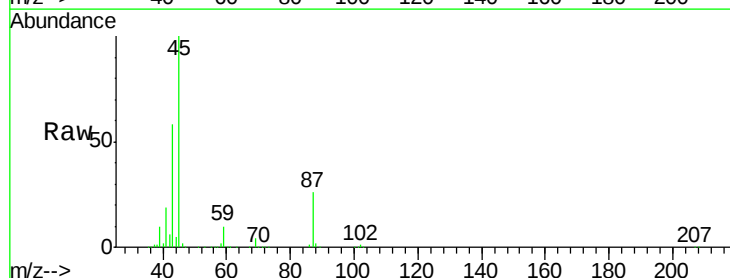
Ion Ratio Lower Upper

45 100

43 58.1 44.0 66.0

87 25.4 20.6 31.0

59 10.2 8.8 13.2

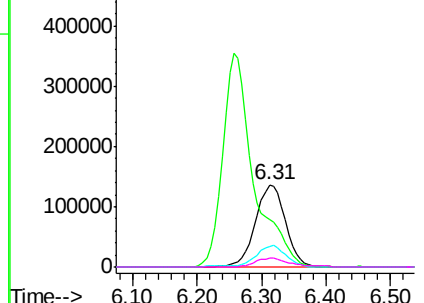
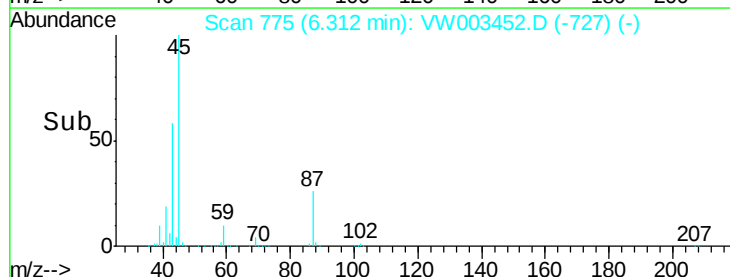


Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 227.82 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1191922

Ion Ratio Lower Upper

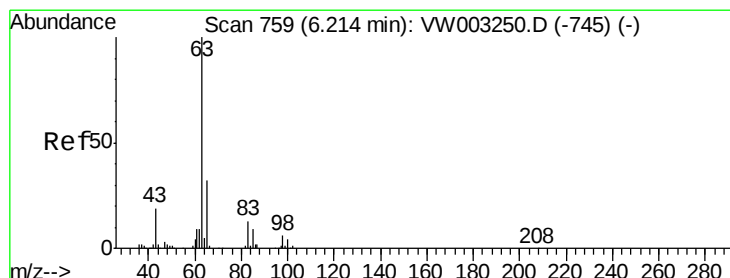
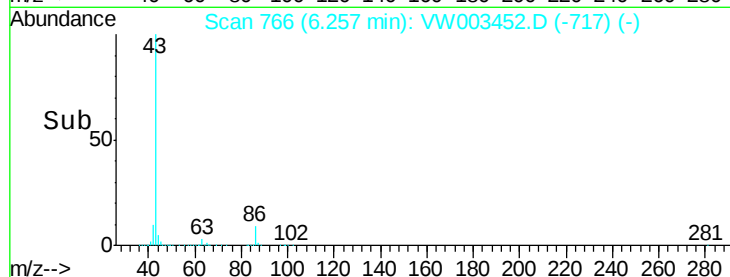
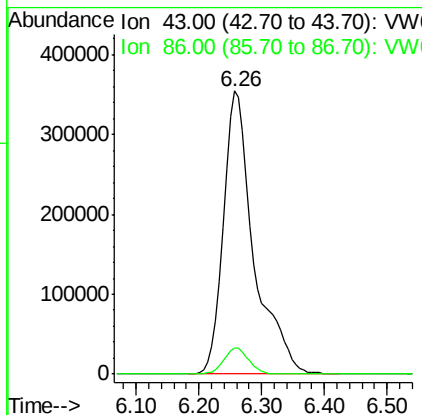
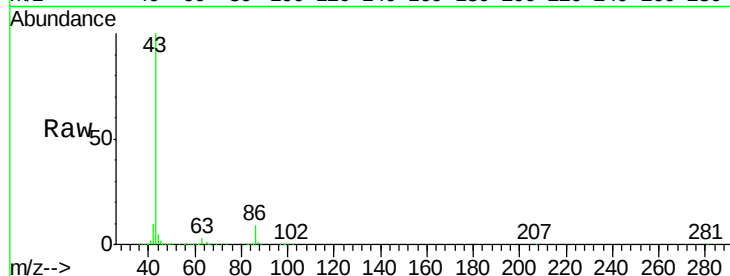
43 100

86 9.1 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 48.32 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

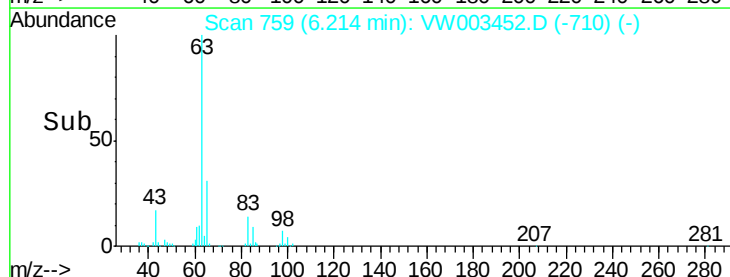
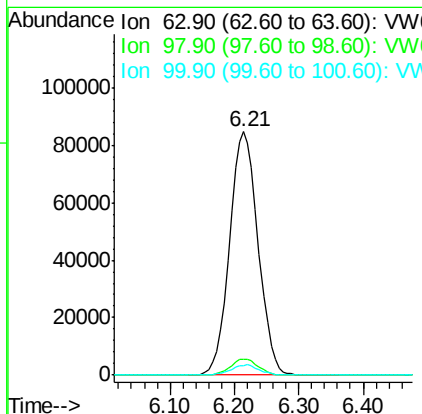
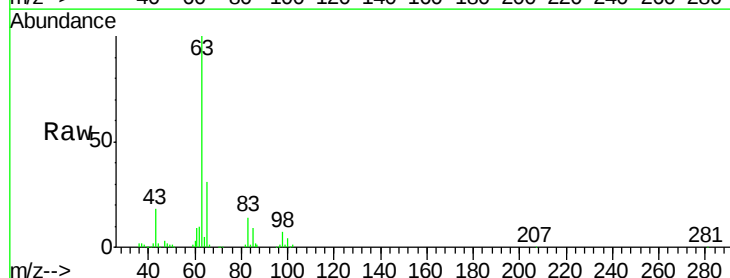
Tgt Ion: 63 Resp: 260429

Ion Ratio Lower Upper

63 100

98 6.7 2.8 8.3

100 3.7 2.1 6.5





#25

2-Butanone

Concen: 229.24 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 186288

Ion Ratio Lower Upper

43 100

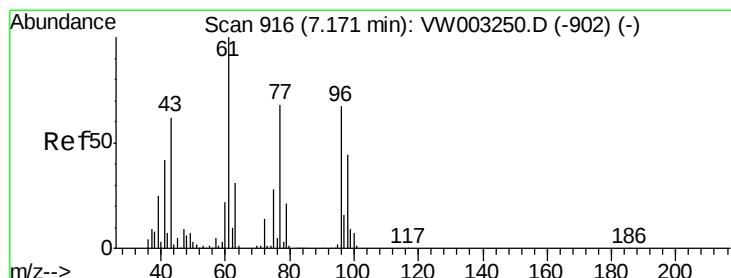
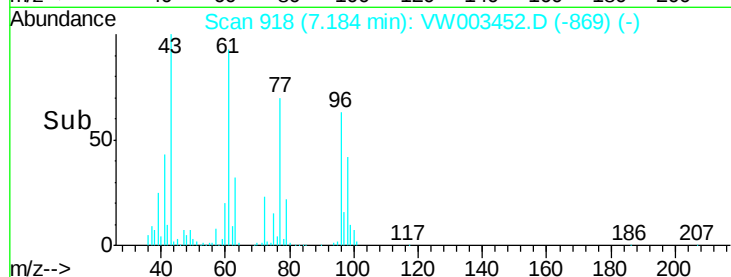
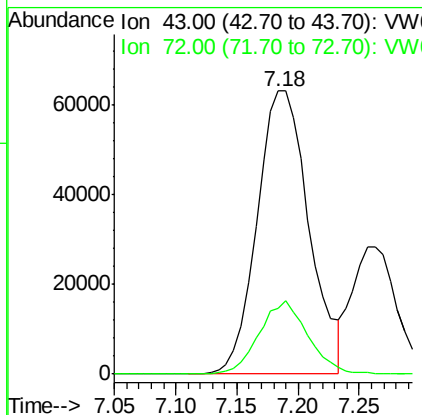
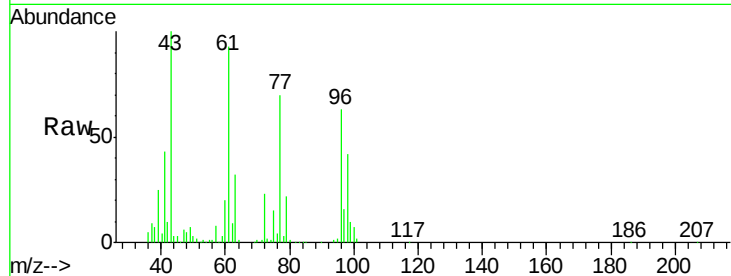
72 23.2 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.69 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003452.D

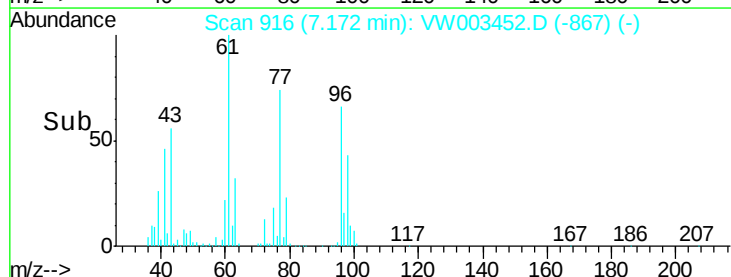
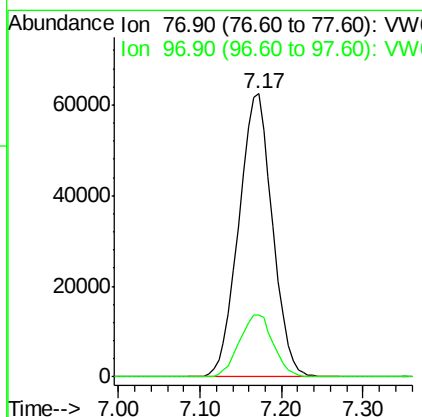
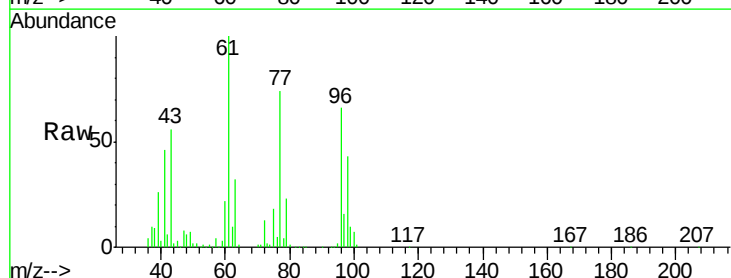
Acq: 23 Jun 2018 11:12

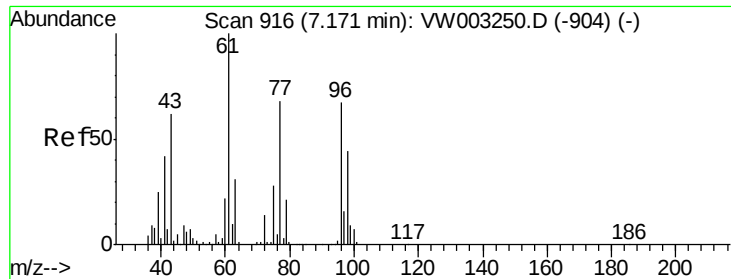
Tgt Ion: 77 Resp: 178729

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 47.55 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

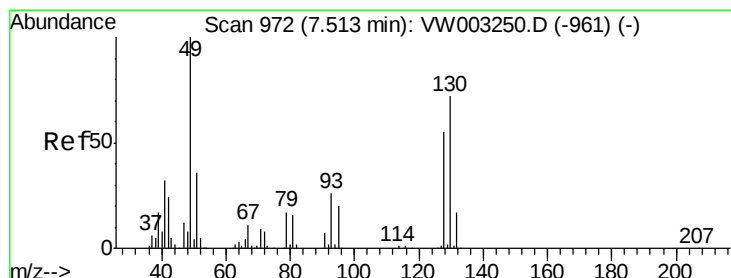
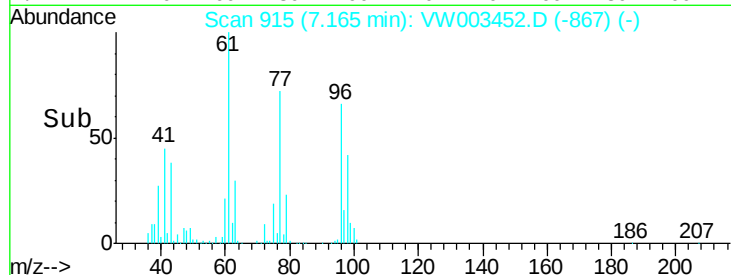
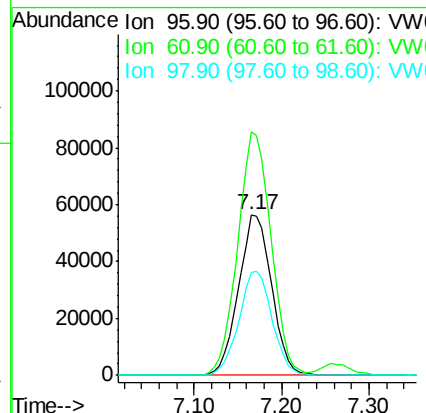
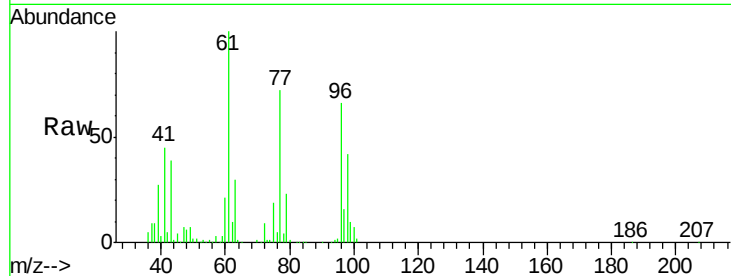
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	148052
Ion Ratio	Lower	Upper	
96	100		
61	153.2	0.0	298.8
98	65.0	0.0	130.4

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#28

Bromochloromethane

Concen: 52.79 ug/l

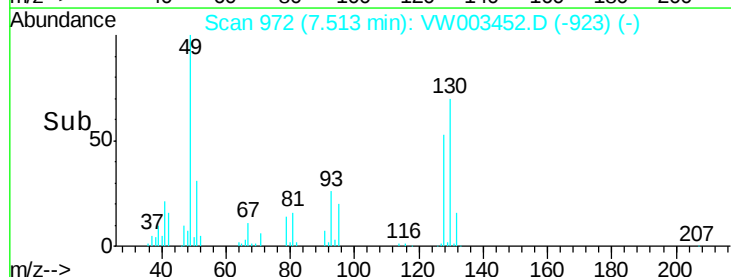
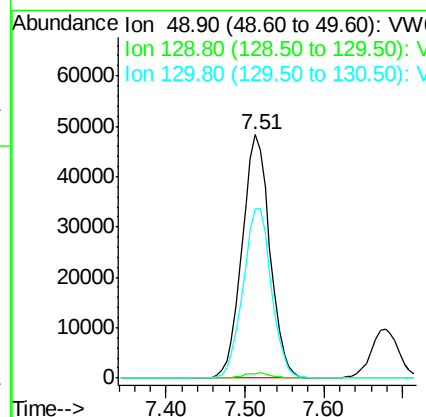
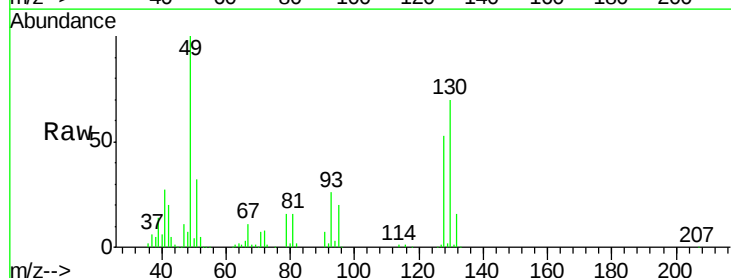
RT: 7.51 min Scan# 972

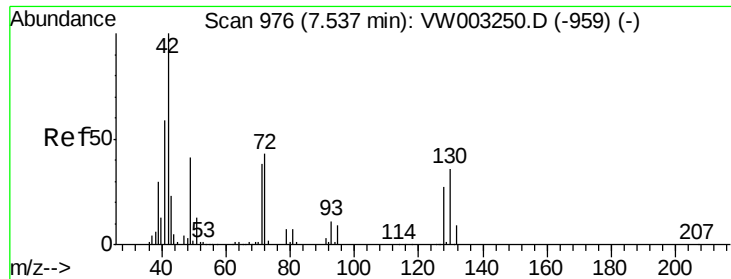
Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion:	49	Resp:	118401
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.6
130	71.0	59.4	89.2





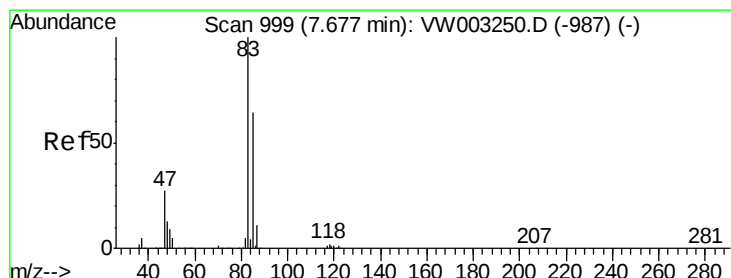
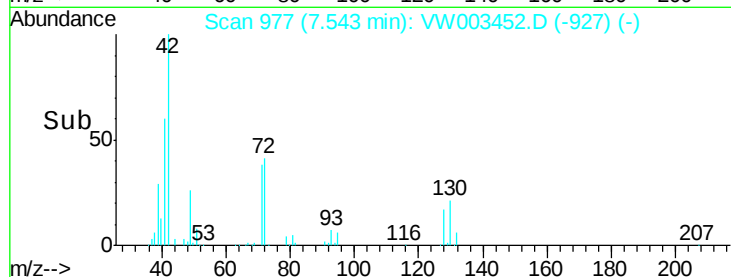
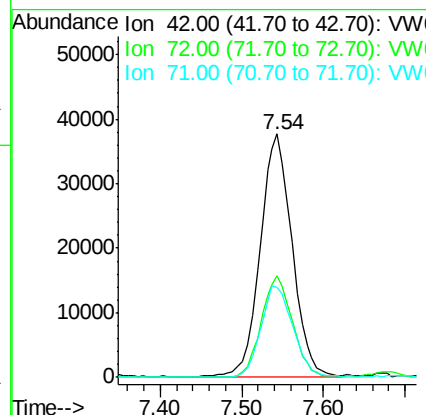
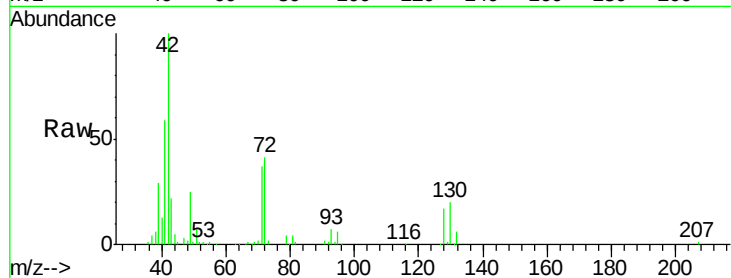
#29
Tetrahydrofuran
Concen: 206.50 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.4	48.6
71	38.2	31.2	46.8

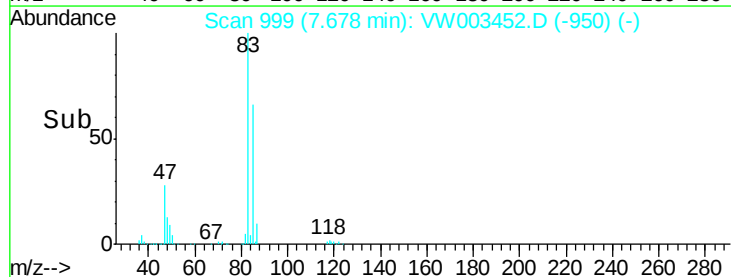
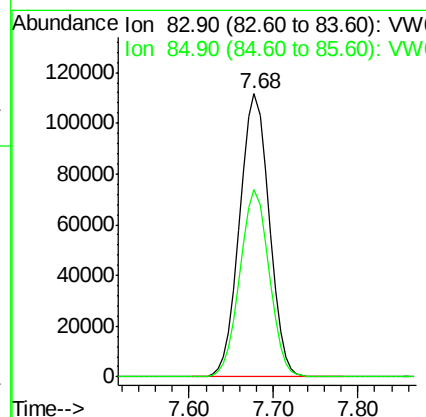
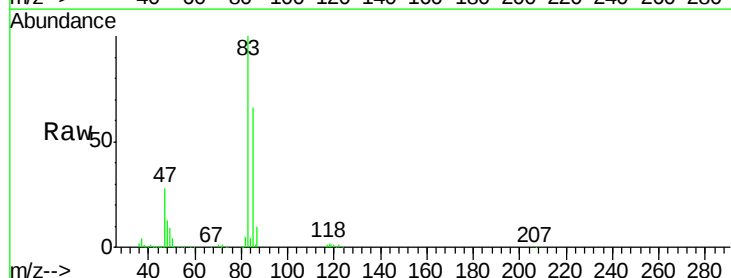
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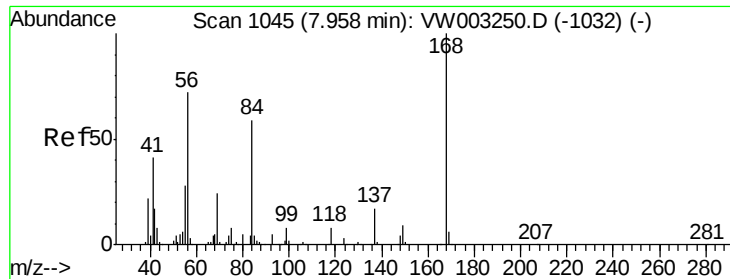
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#30
Chloroform
Concen: 48.32 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.3	76.9





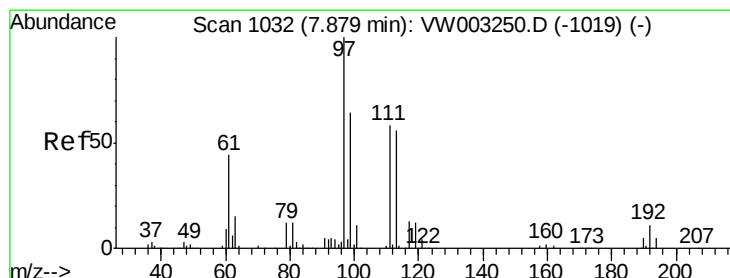
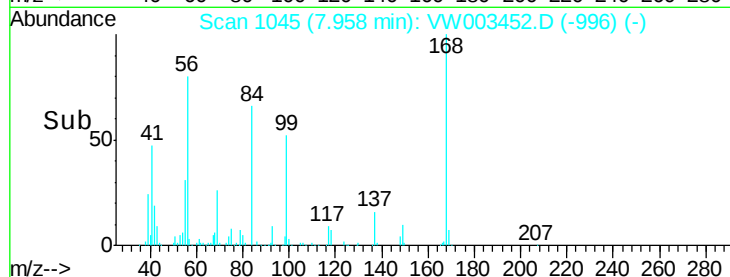
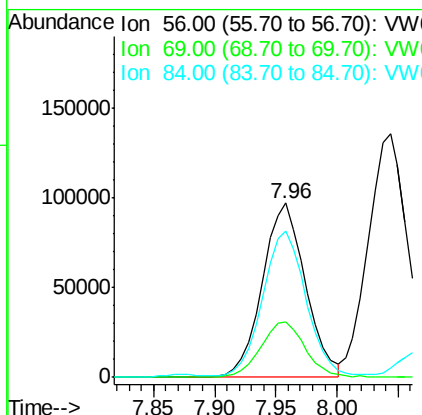
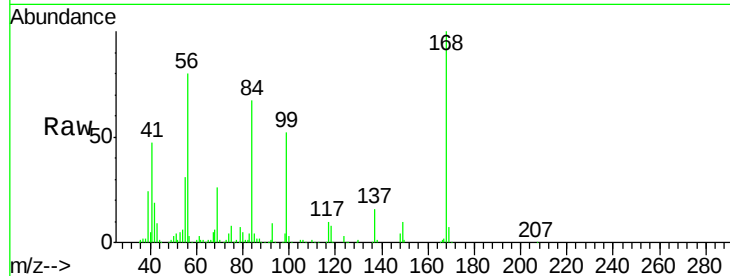
#31
Cyclohexane
Concen: 47.35 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.3	39.5
84	82.5	65.7	98.5

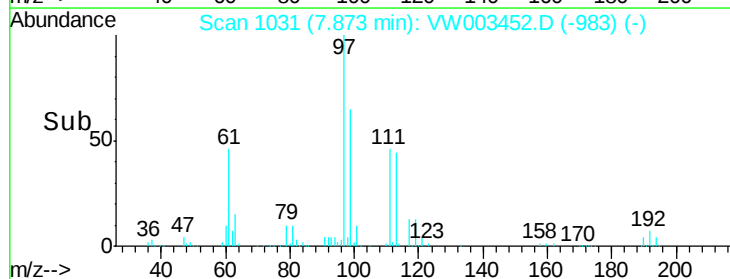
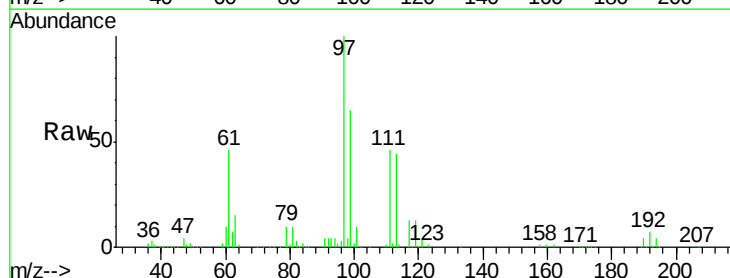
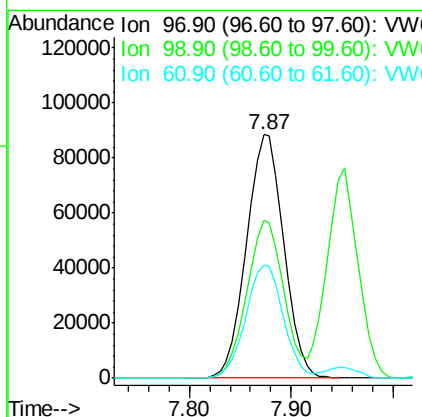
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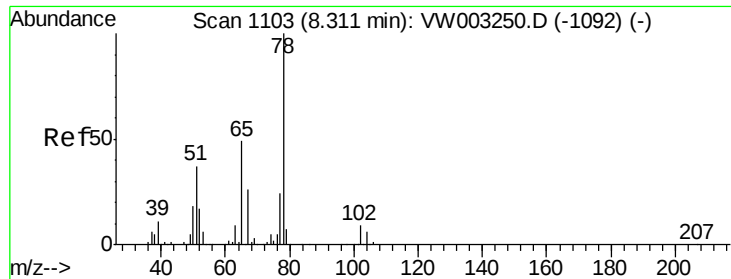
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#32
1,1,1-Trichloroethane
Concen: 49.63 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	46.9	37.6	56.4





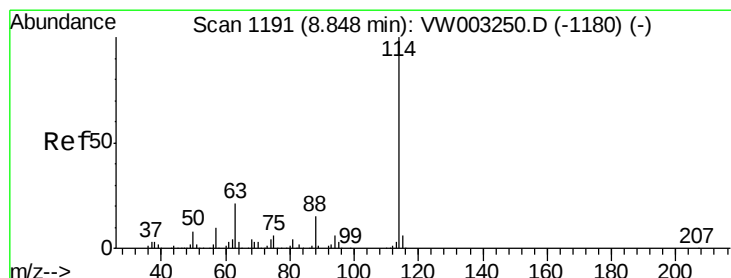
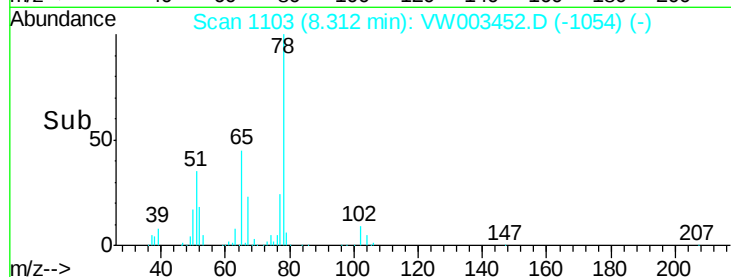
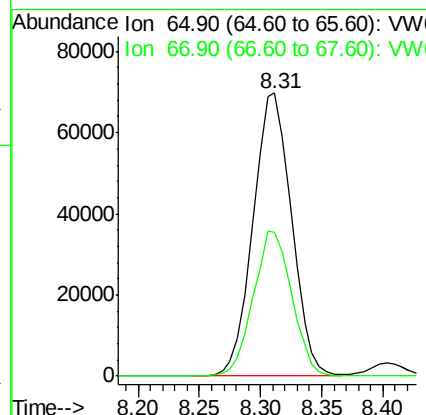
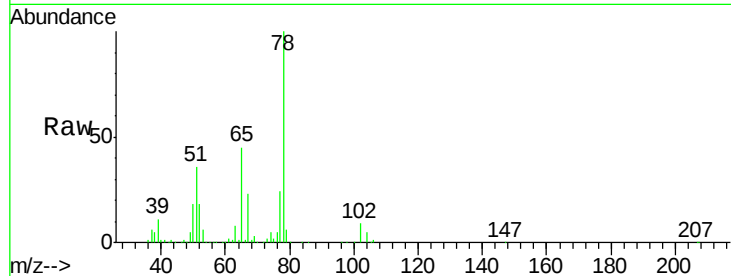
#33
 1,2-Dichloroethane-d4
 Concen: 49.12 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.5	0.0	104.2	

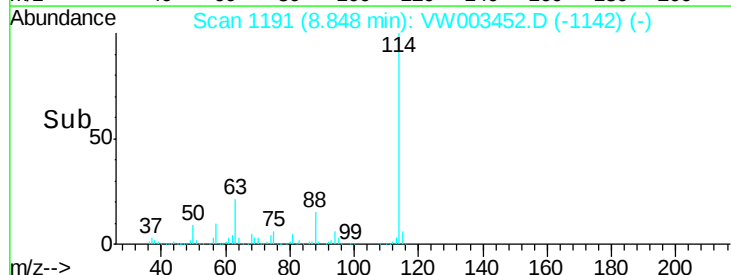
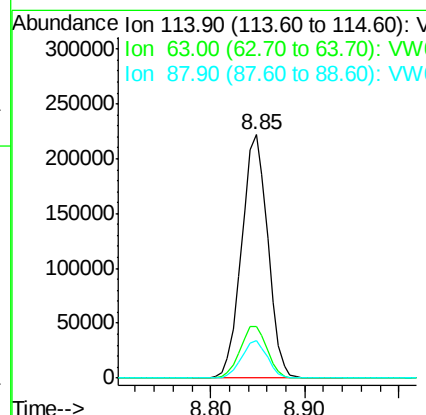
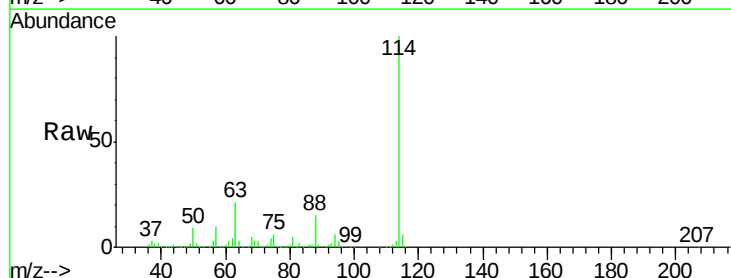
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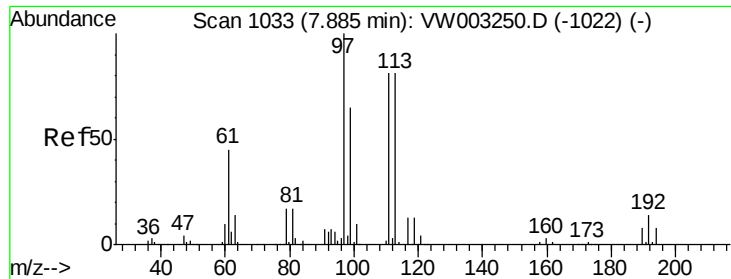
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.3	0.0	43.0	
88	15.5	0.0	29.6	





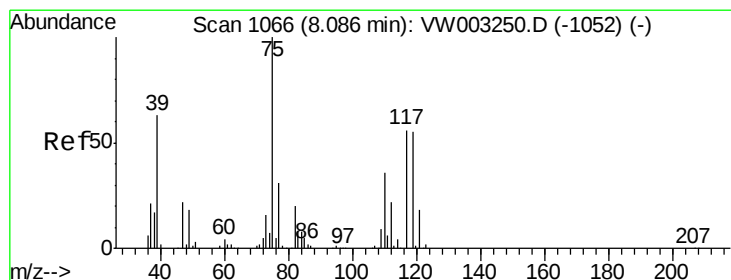
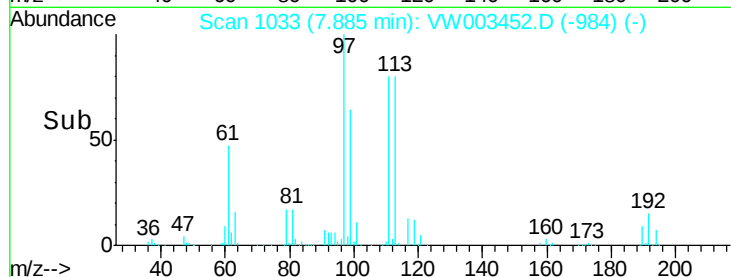
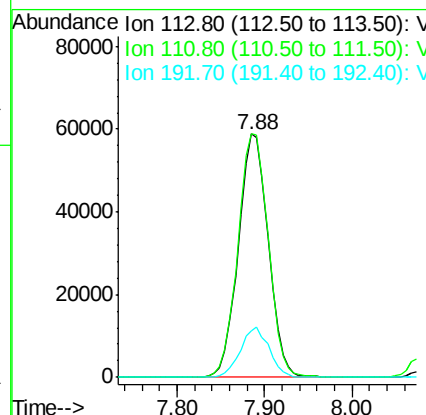
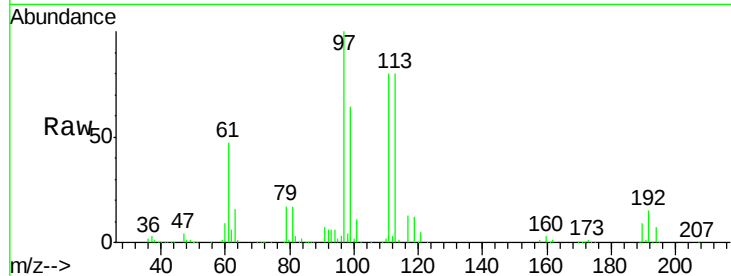
#35
 Dibromofluoromethane
 Concen: 52.41 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140055		
111	101.4	82.2	123.2	
192	19.8	16.2	24.2	

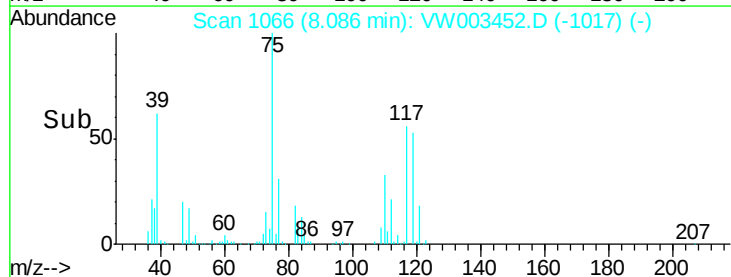
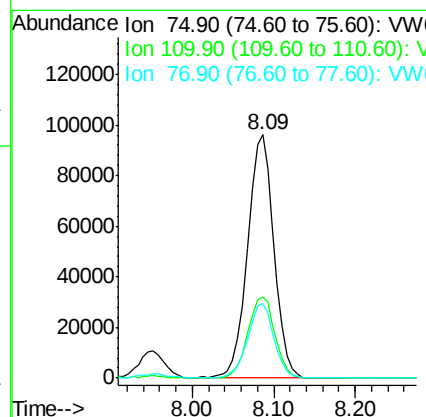
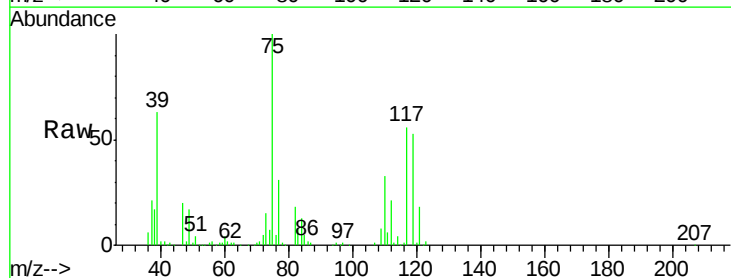
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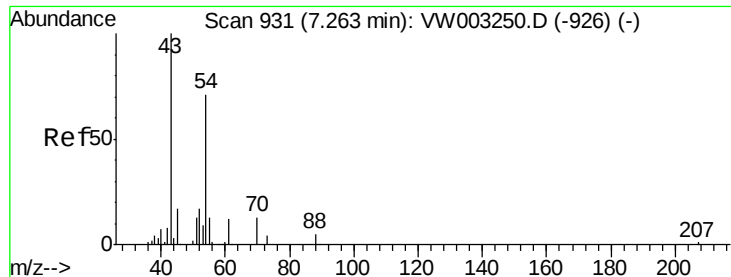
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#36
 1,1-Dichloropropene
 Concen: 51.92 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	215618		
110	34.5	17.1	51.3	
77	30.9	24.9	37.3	





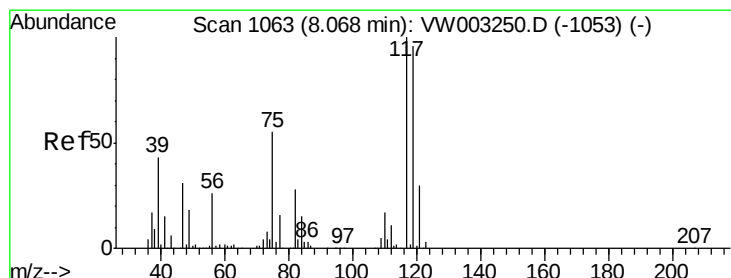
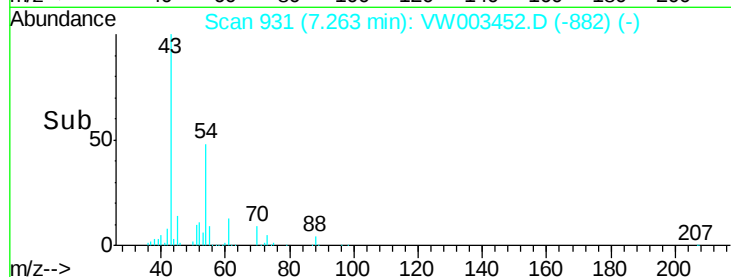
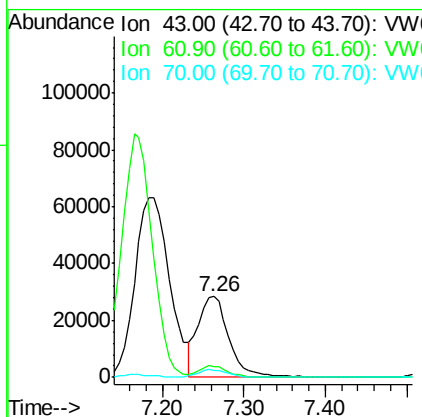
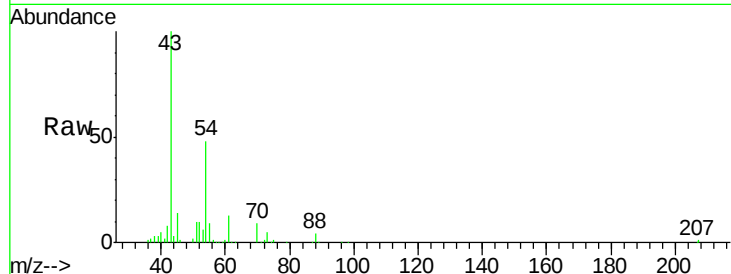
#37
Ethyl Acetate
Concen: 43.26 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	9.1	7.8	11.6

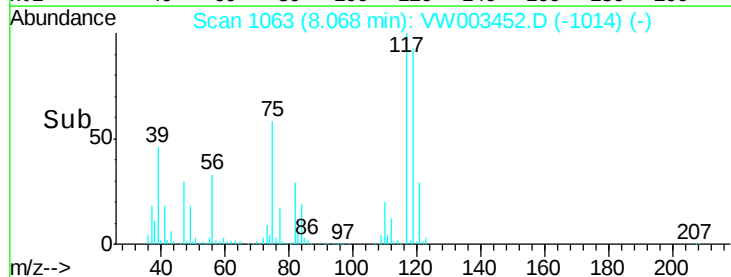
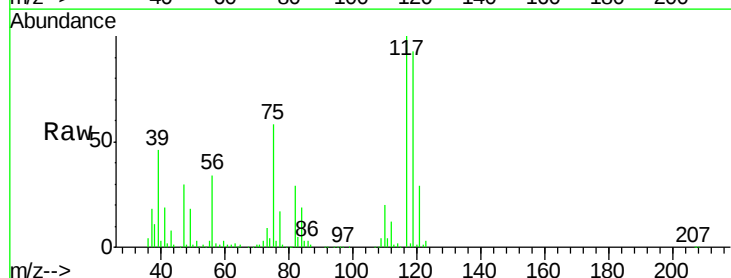
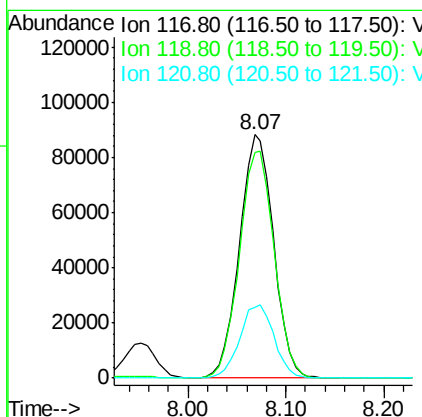
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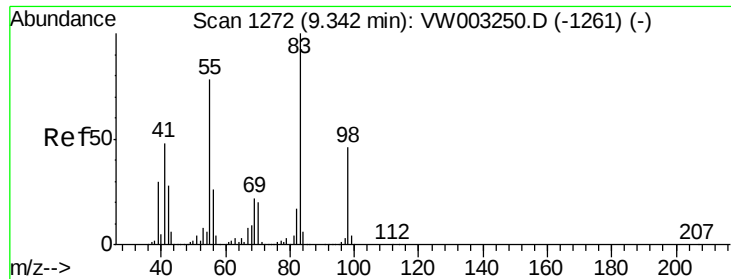
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#38
Carbon Tetrachloride
Concen: 52.46 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.6	115.0
121	29.3	23.9	35.9





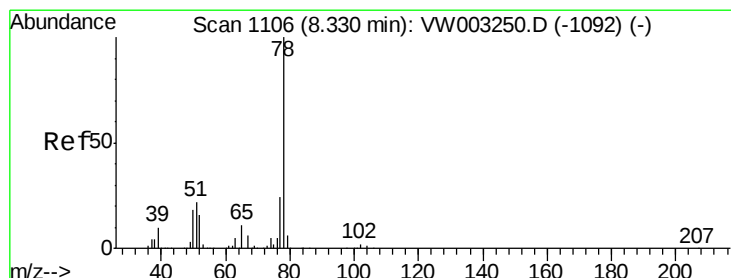
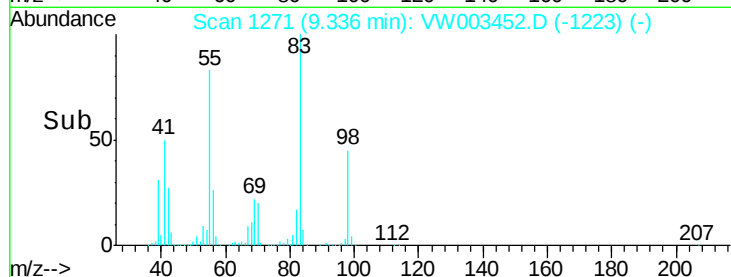
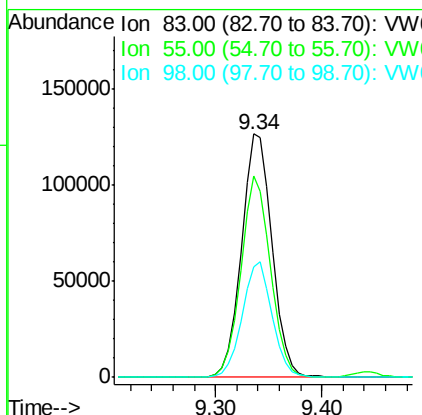
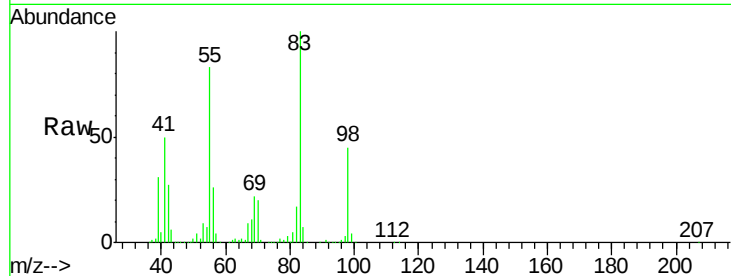
#39
Methvlcvclohexane
Concen: 52.93 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	62.6	93.8
98	45.5	37.0	55.4

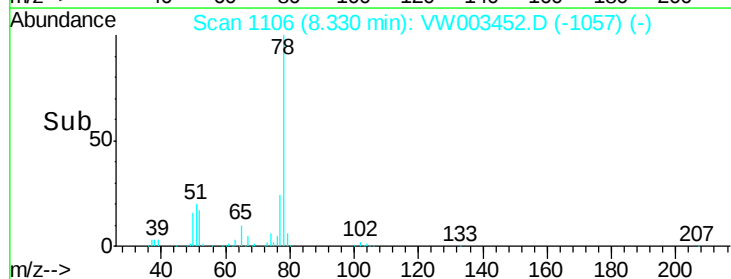
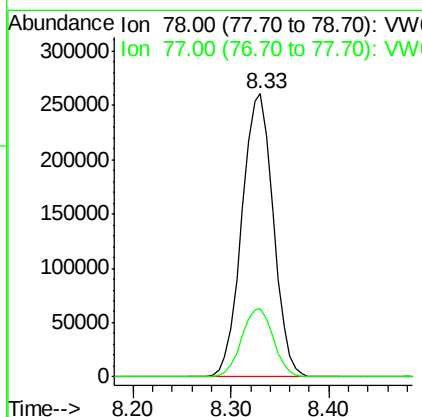
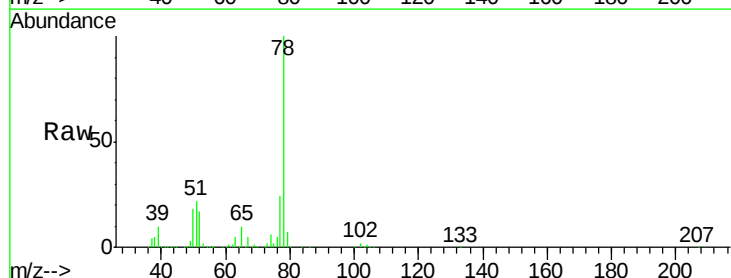
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#40
Benzene
Concen: 50.80 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





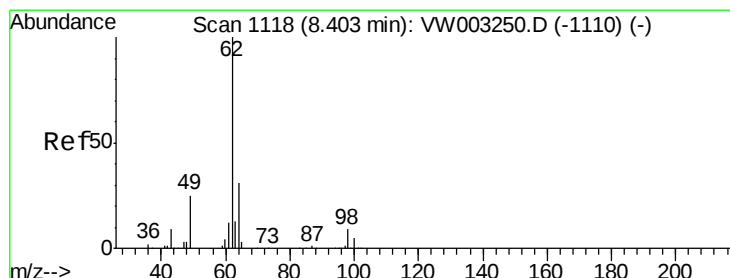
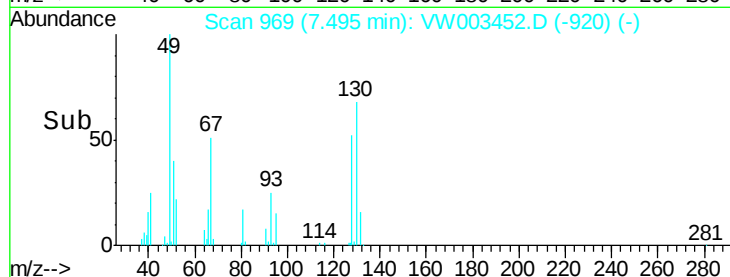
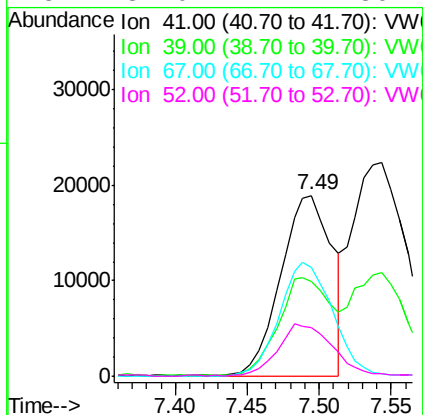
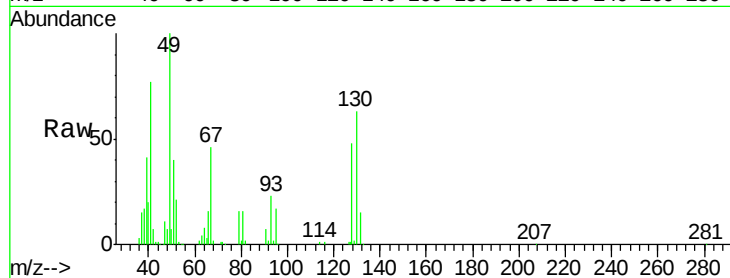
#41
Methacrylonitrile
Concen: 44.41 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	46886
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.8
67	65.7	52.3	78.5
52	31.0	24.1	36.1

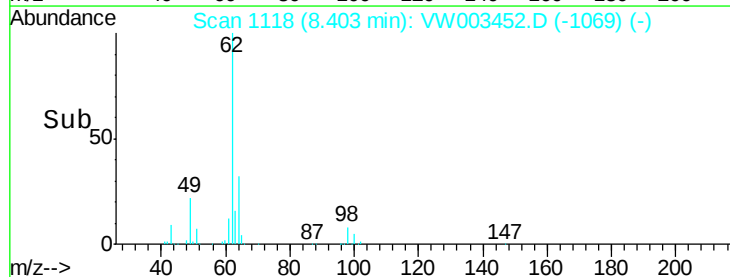
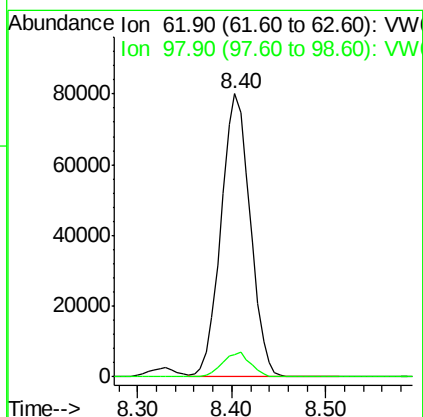
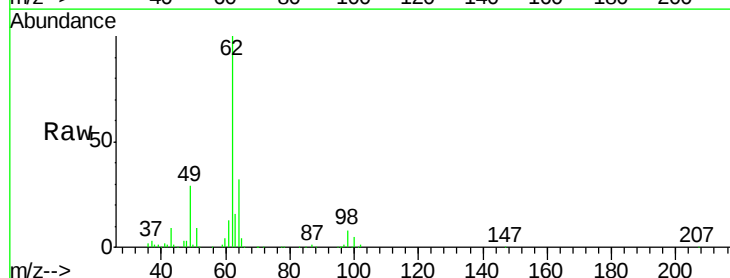
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#42
1,2-Dichloroethane
Concen: 47.94 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	62	Resp	171928
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 43.19 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

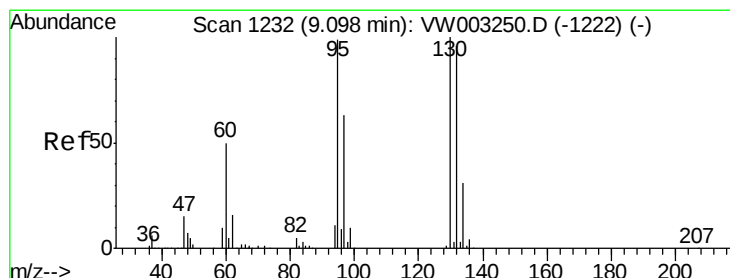
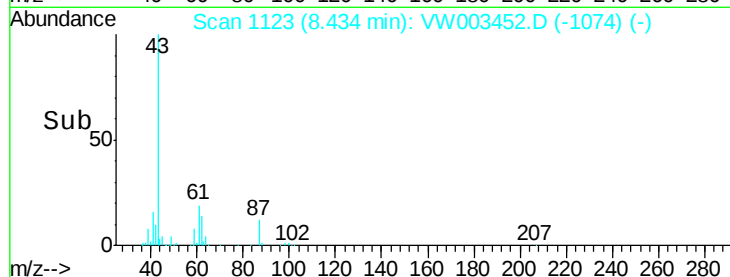
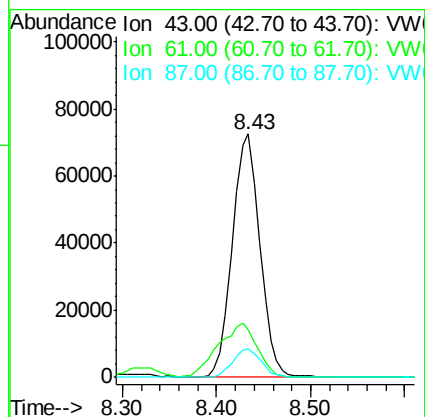
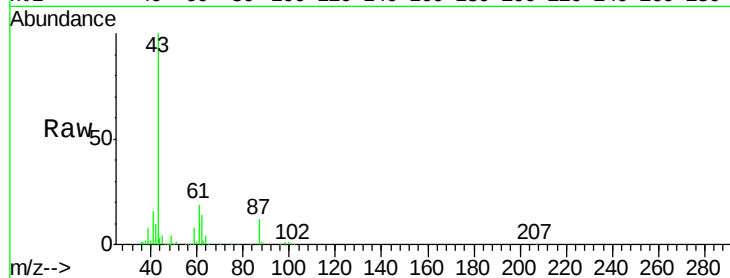
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	147550
Ion Ratio	Lower	Upper	
43	100		
61	31.3	23.1	34.7
87	12.0	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 49.81 ug/l

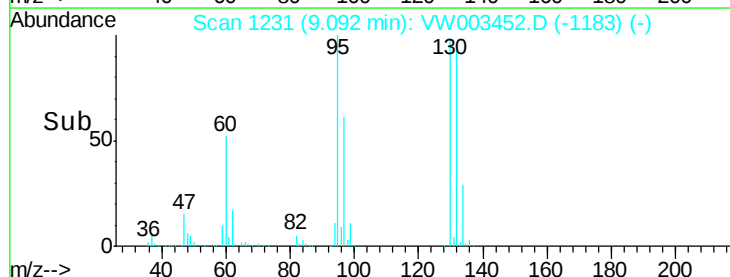
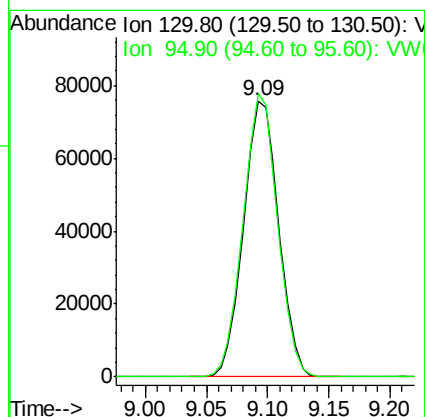
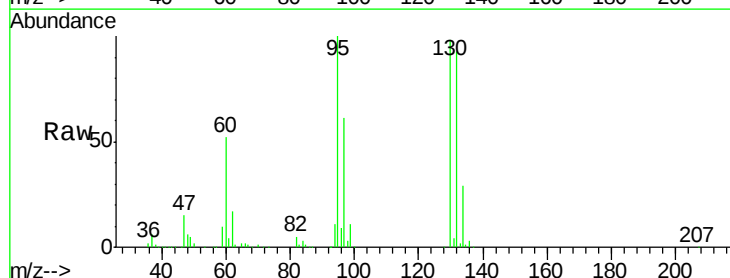
RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion:	130	Resp:	151108
Ion Ratio	Lower	Upper	
130	100		
95	102.4	0.0	198.0





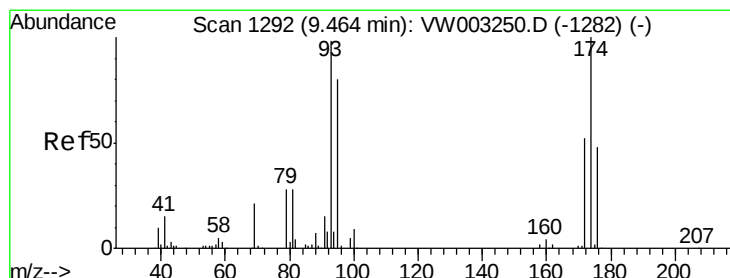
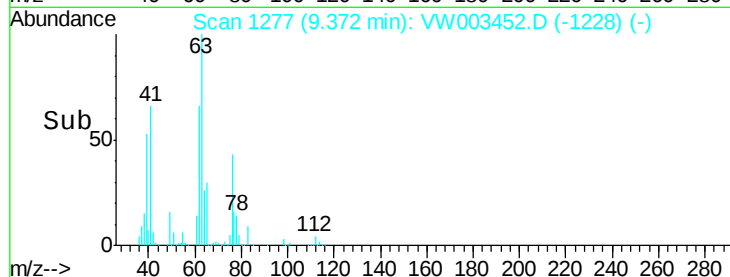
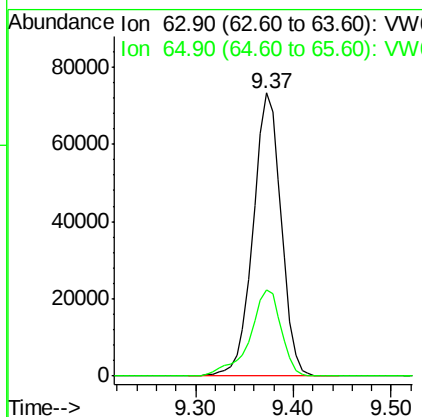
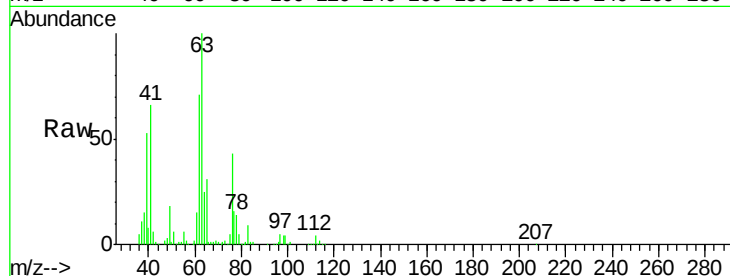
#45
 1,2-Dichloropropane
 Concen: 50.27 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	63	Resp	146531
Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.1	37.7

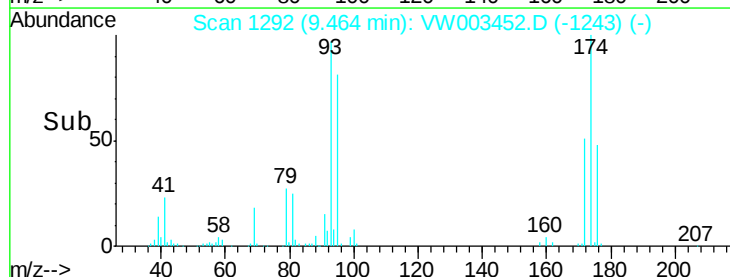
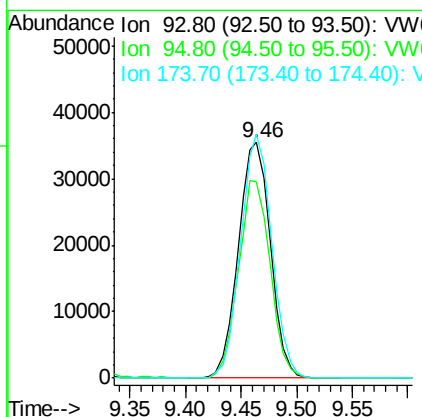
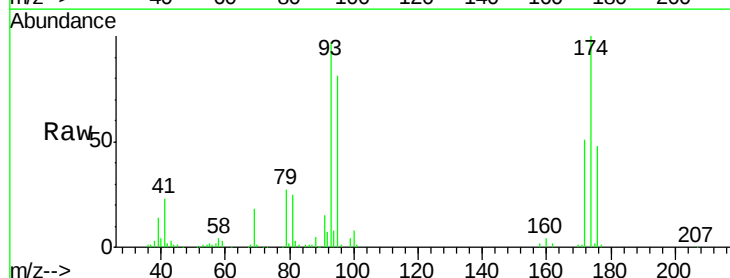
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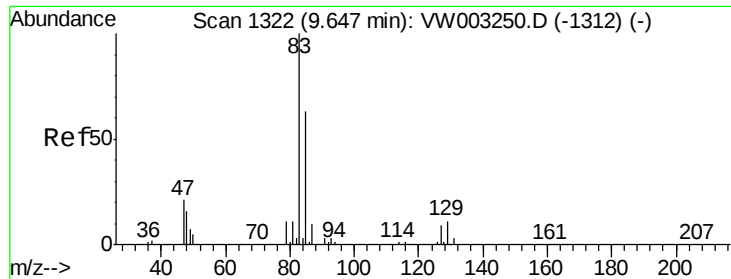
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#46
 Dibromomethane
 Concen: 47.54 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	93	Resp	70939
Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.8	98.8
174	100.5	81.4	122.0





#47

Bromodichloromethane

Concen: 50.24 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

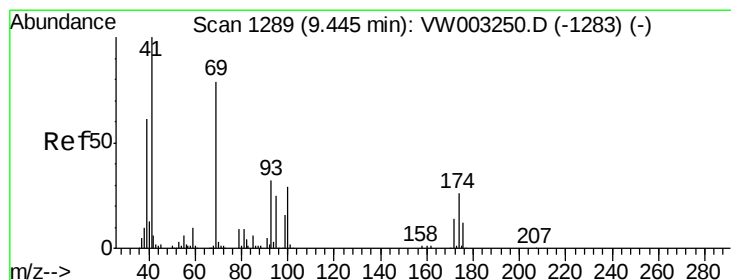
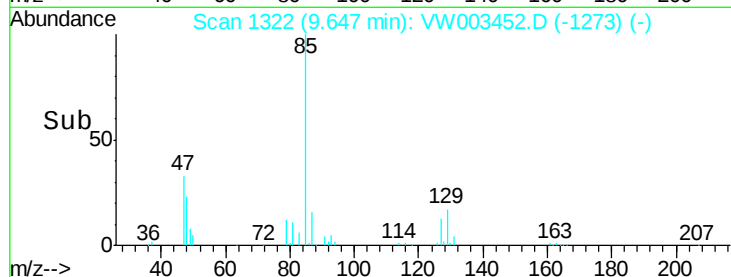
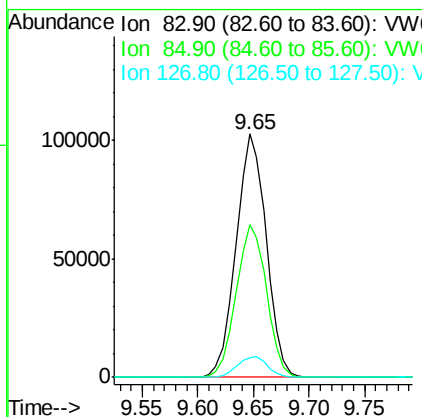
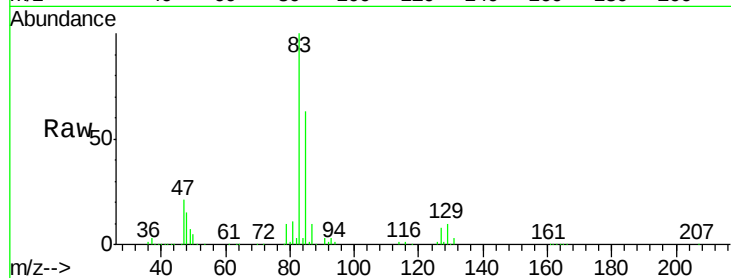
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	192179
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.6	75.8
127	8.1	6.8	10.2

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#48

Methyl methacrylate

Concen: 44.98 ug/l

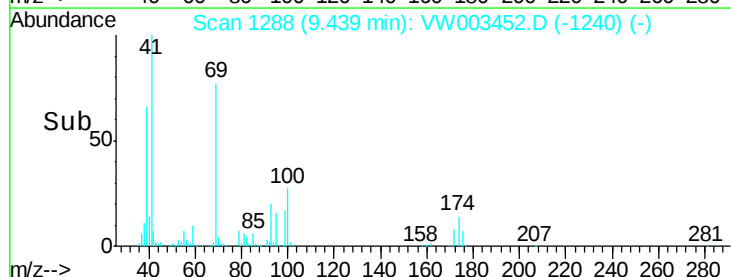
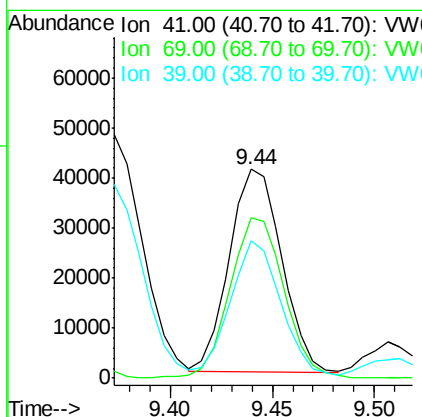
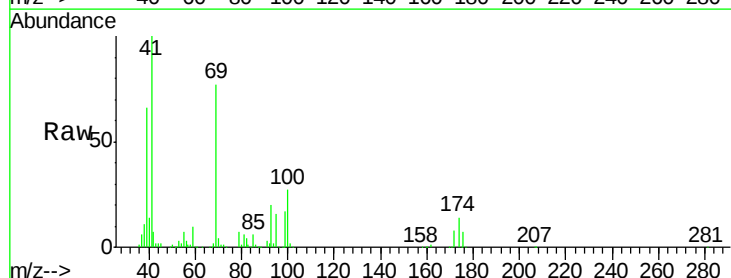
RT: 9.44 min Scan# 1288

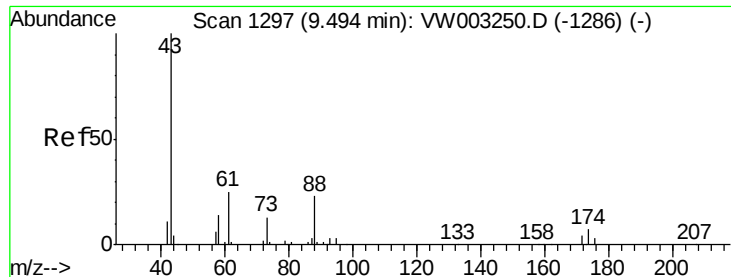
Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion:	41	Resp:	72214
Ion	Ratio	Lower	Upper
41	100		
69	81.8	65.4	98.2
39	63.1	54.2	81.2





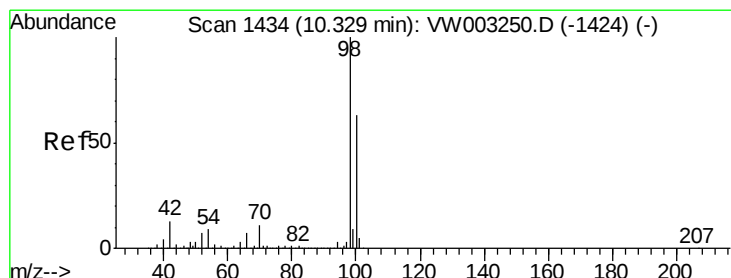
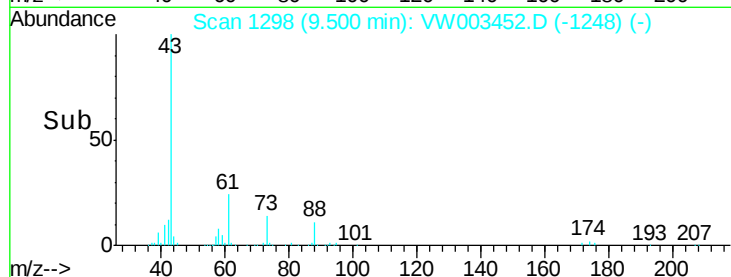
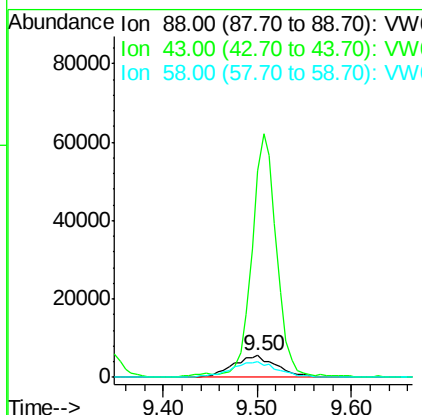
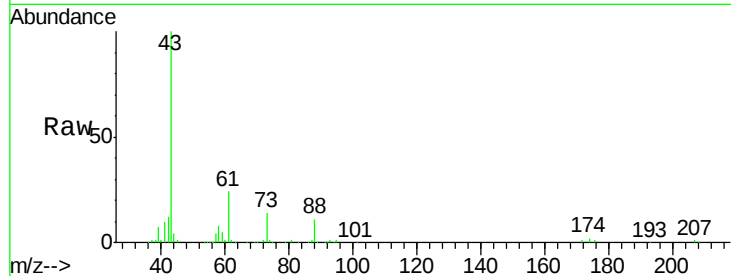
#49
 1,4-Dioxane
 Concen: 794.83 ug/l
 RT: 9.50 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	17909
Ion	Ratio	Lower	Upper
88	100		
43	629.9	454.7	682.1
58	76.7	58.6	88.0

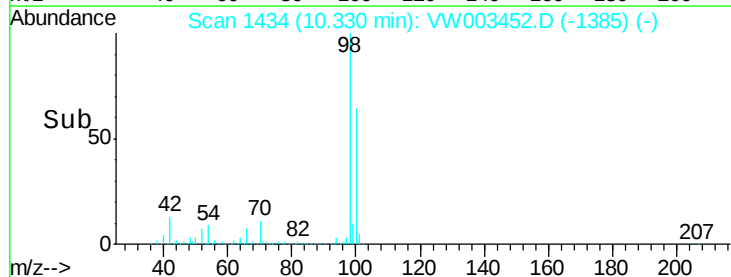
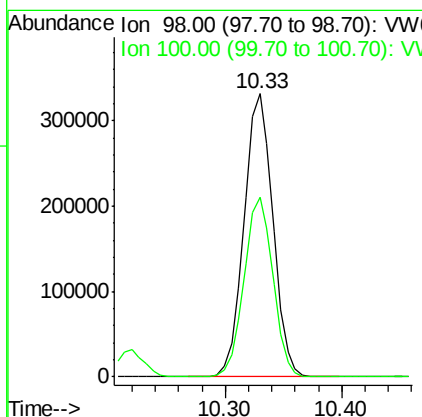
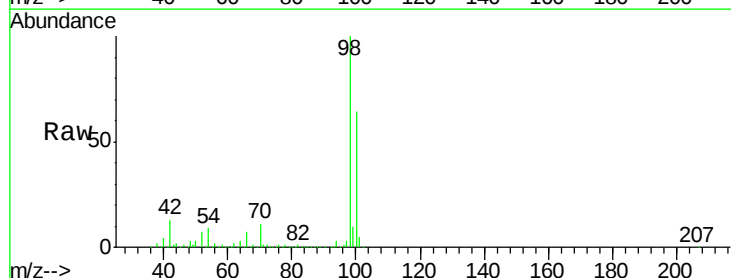
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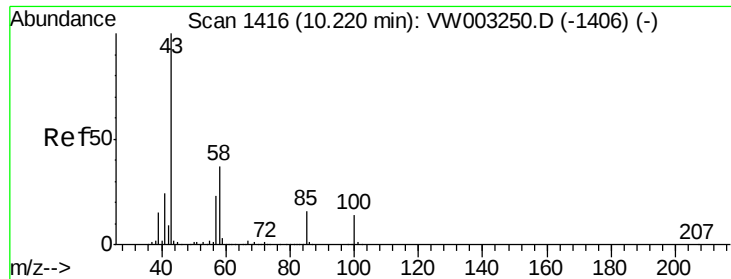
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#50
 Toluene-d8
 Concen: 54.25 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	98	Resp	574783
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 222.74 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 387737

Ion Ratio Lower Upper

43 100

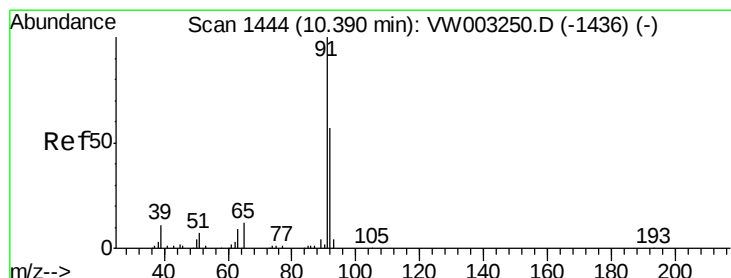
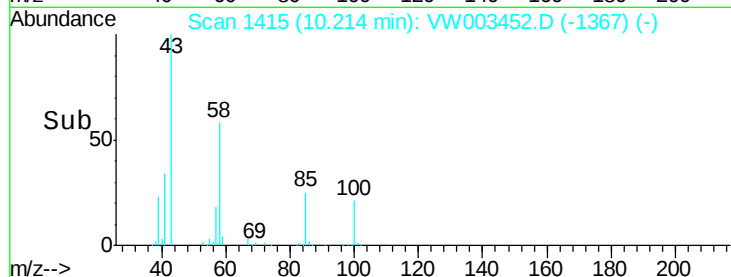
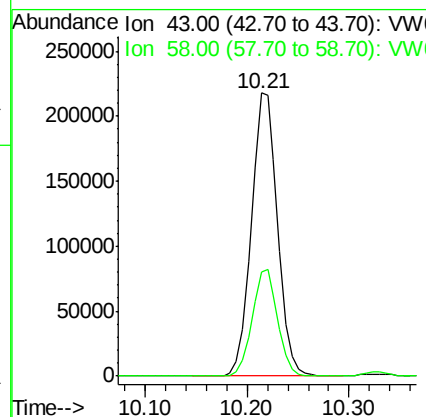
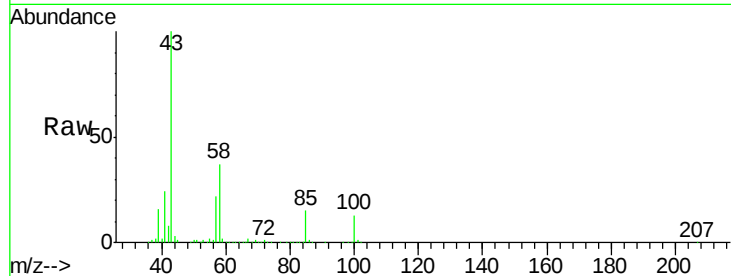
58 36.9 29.0 43.4

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#52

Toluene

Concen: 50.84 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003452.D

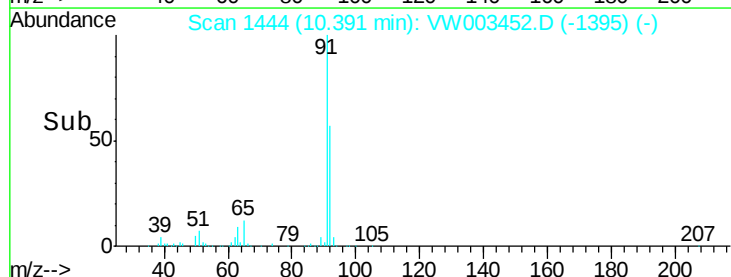
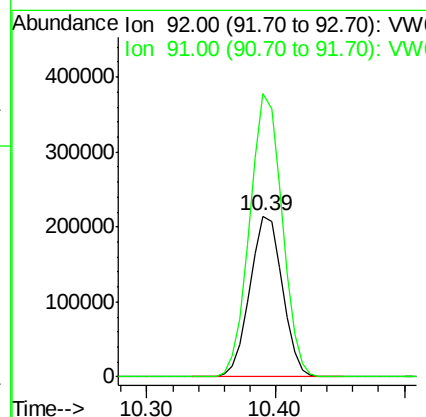
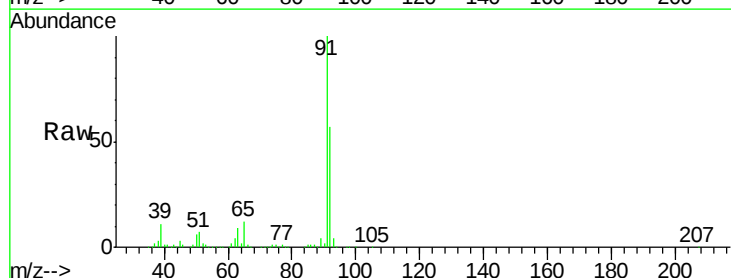
Acq: 23 Jun 2018 11:12

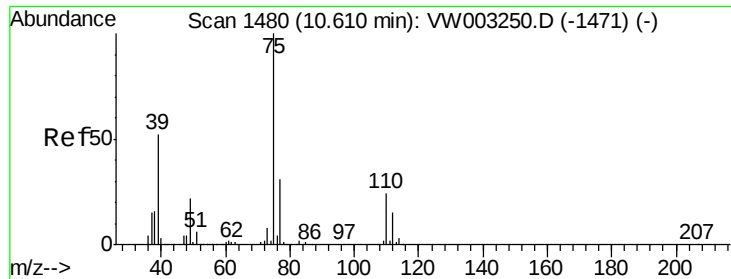
Tgt Ion: 92 Resp: 373214

Ion Ratio Lower Upper

92 100

91 175.7 141.1 211.7





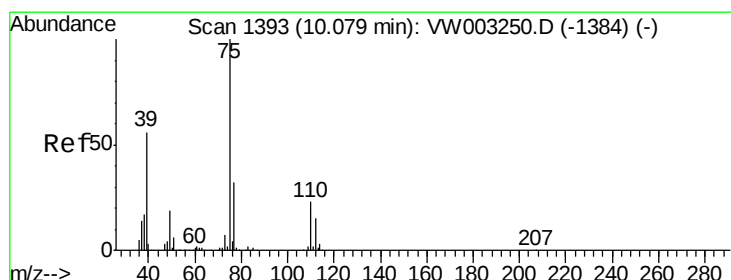
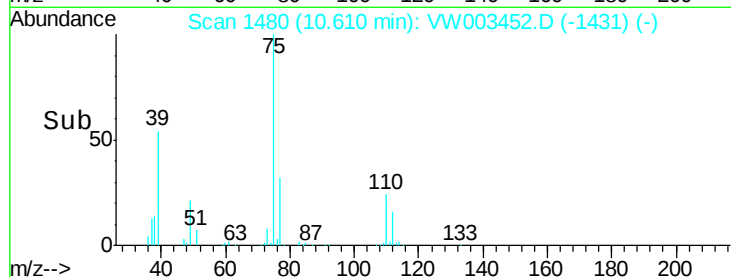
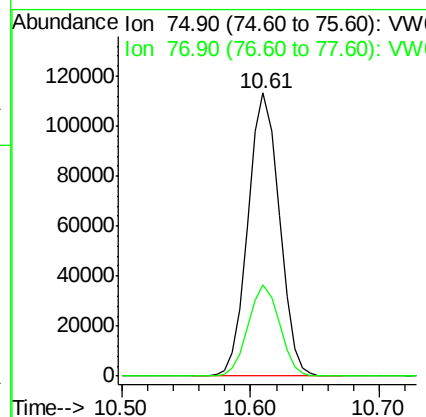
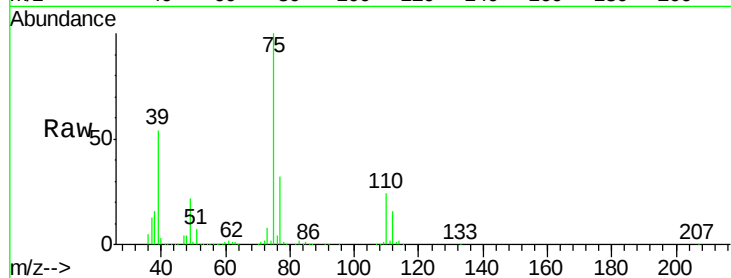
#53
t-1,3-Dichloropropene
Concen: 48.68 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 190228
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3

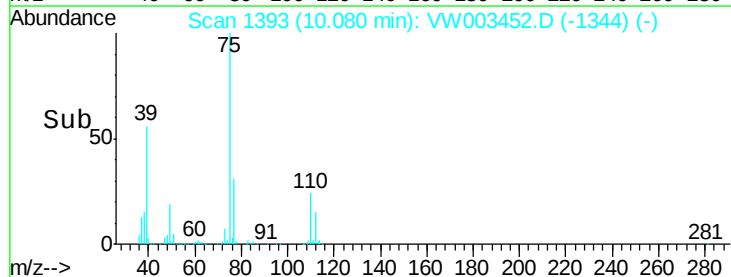
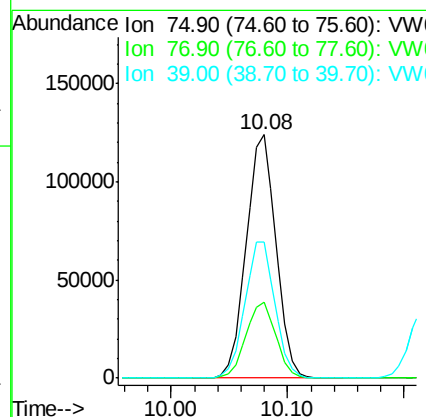
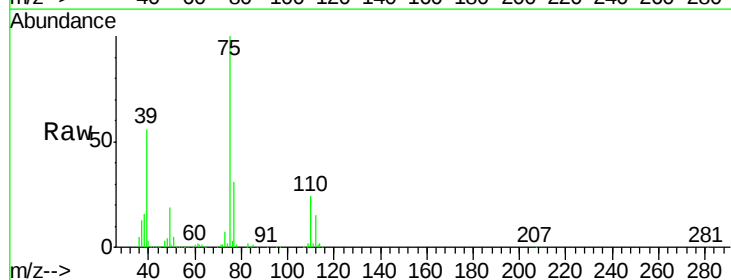
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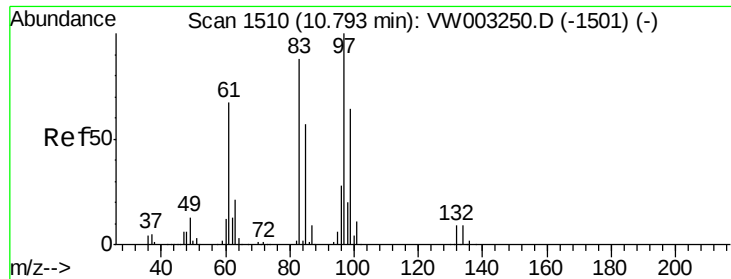
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#54
cis-1,3-Dichloropropene
Concen: 49.70 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 75 Resp: 221042
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.6
39 55.9 45.2 67.8





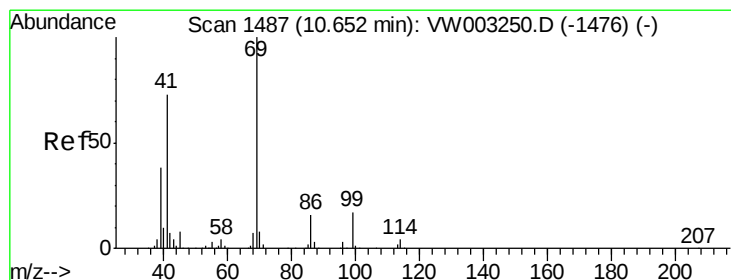
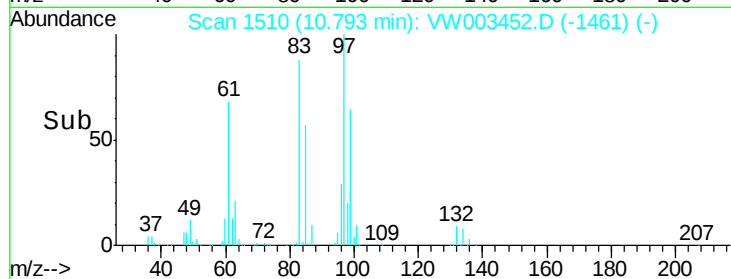
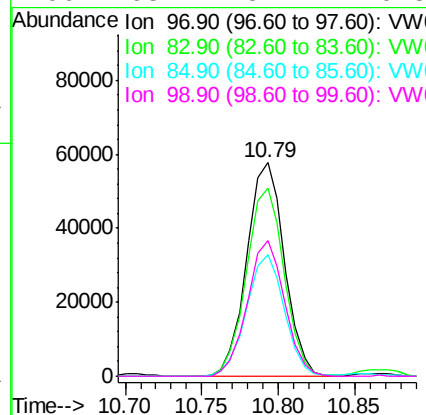
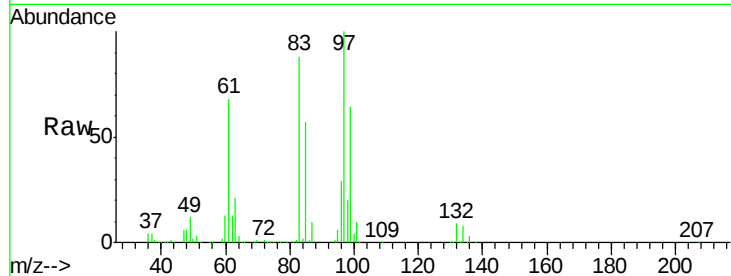
#55
 1,1,2-Trichloroethane
 Concen: 47.19 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.2	105.2
85	56.7	45.6	68.4
99	63.7	51.2	76.8

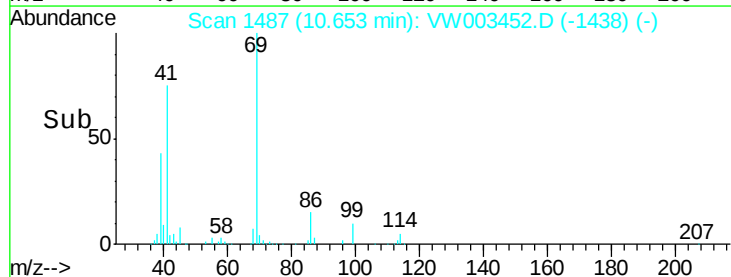
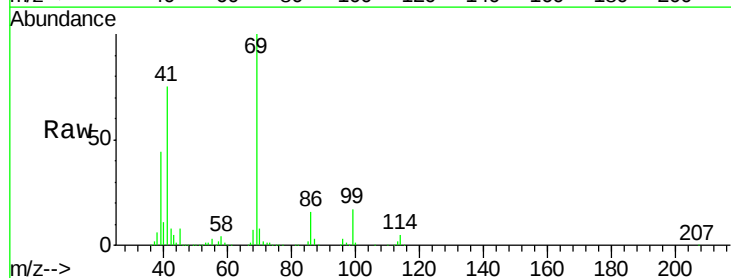
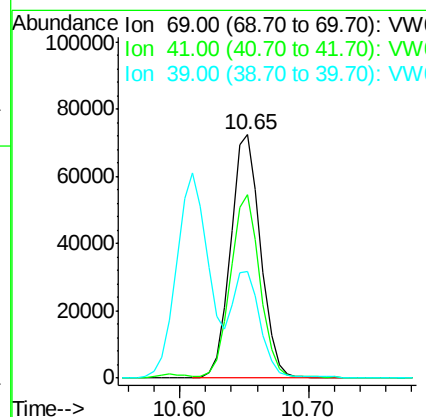
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#56
 Ethyl methacrylate
 Concen: 46.14 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.1	57.8	86.6
39	39.6	32.7	49.1





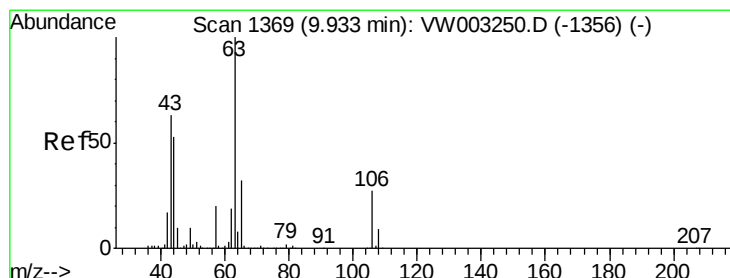
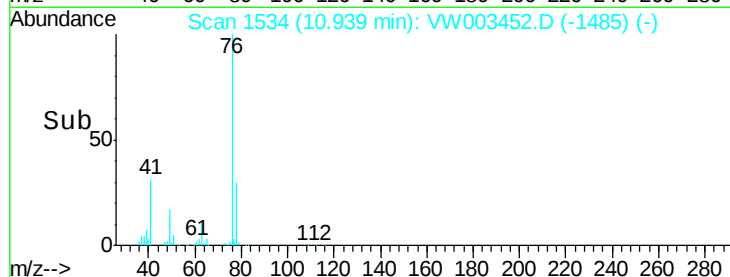
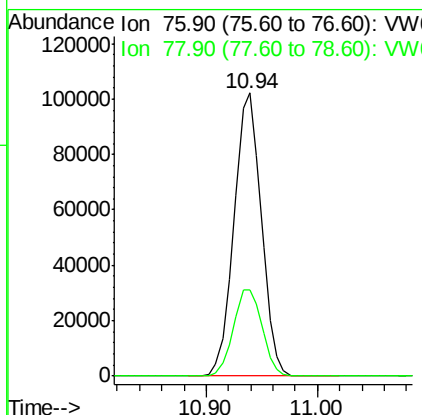
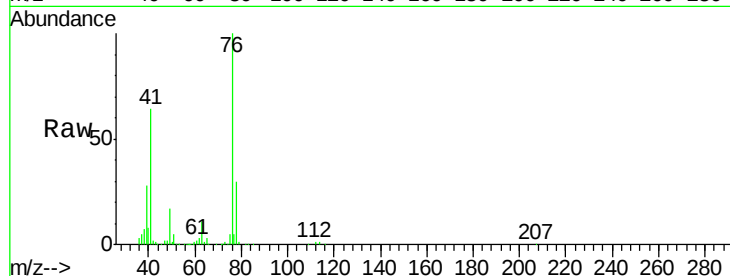
#57
 1,3-Dichloropropane
 Concen: 47.77 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 173263
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

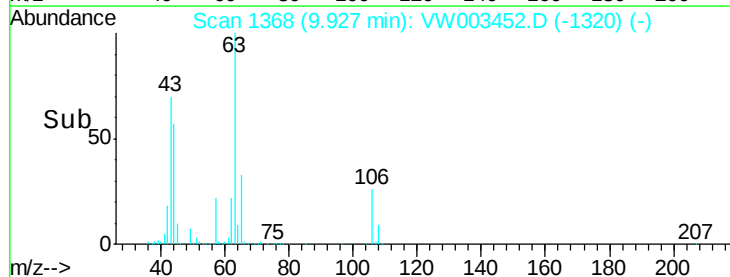
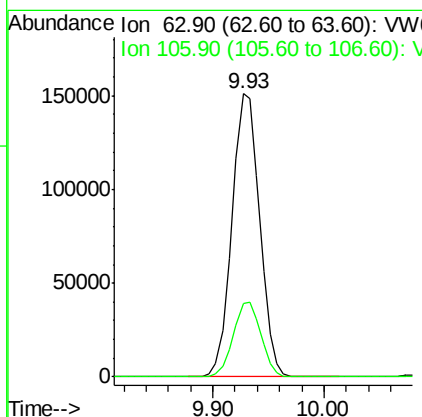
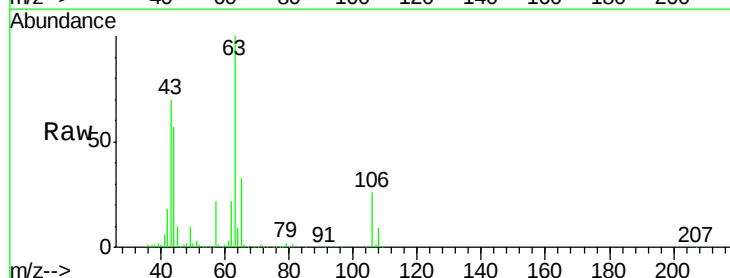
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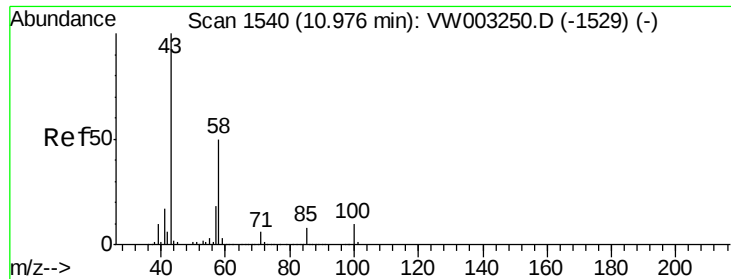
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#58
 2-Chloroethyl Vinyl ether
 Concen: 226.64 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion: 63 Resp: 259439
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.8 32.8





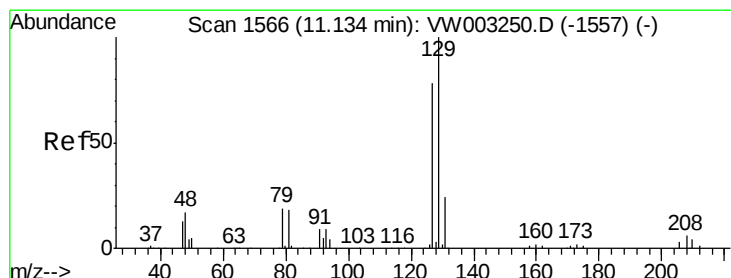
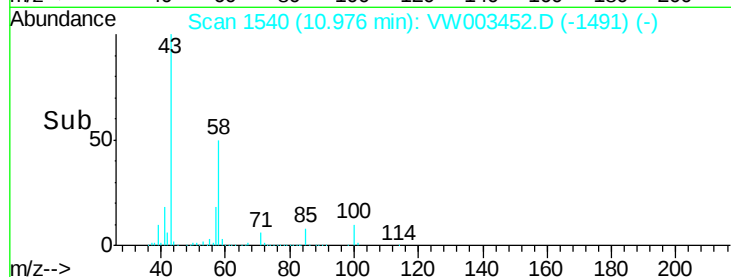
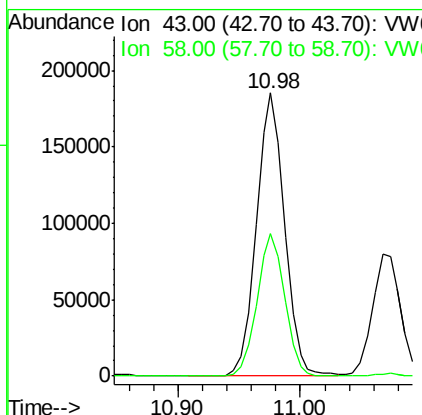
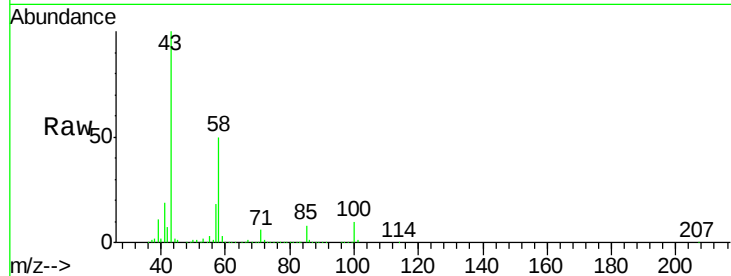
#59
2-Hexanone
Concen: 244.75 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	297645
Ion Ratio	100	Lower	Upper
43	100		
58	49.6	25.0	75.0

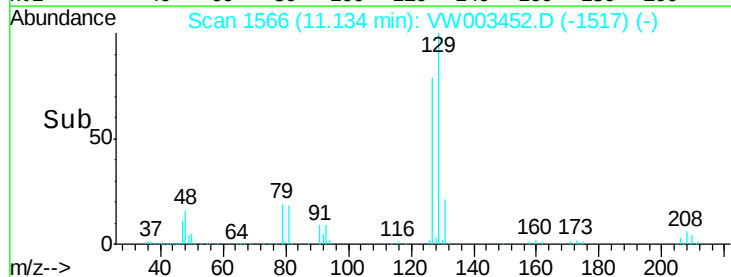
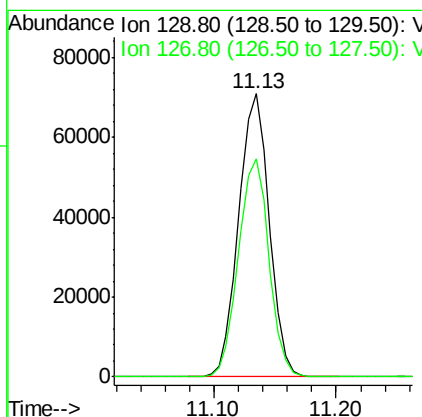
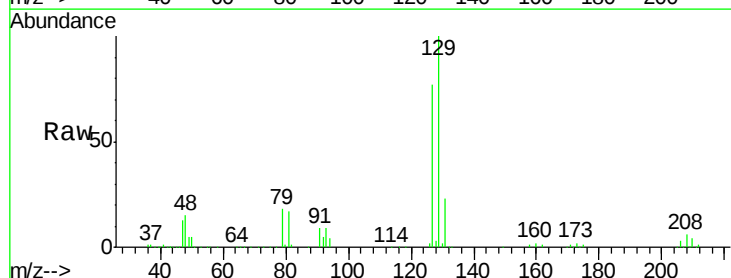
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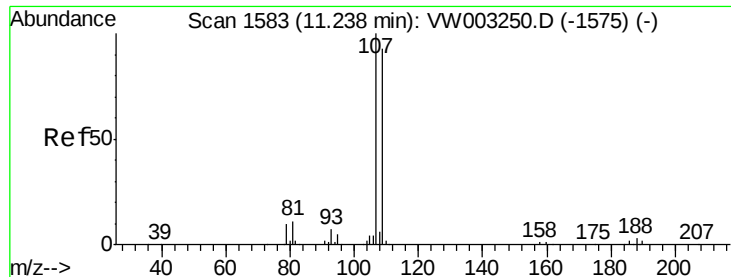
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#60
Dibromochloromethane
Concen: 49.19 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	129	Resp	123023
Ion Ratio	100	Lower	Upper
129	100		
127	76.9	39.1	117.5





#61

1,2-Dibromoethane

Concen: 46.95 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 93389

Ion Ratio Lower Upper

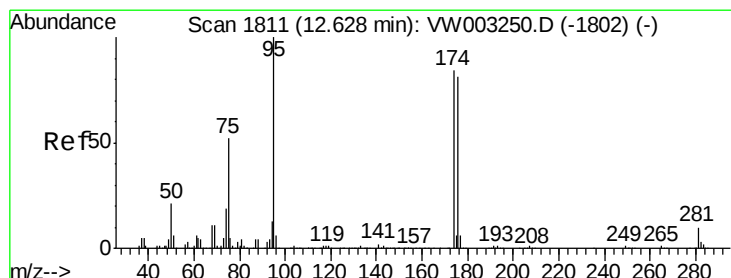
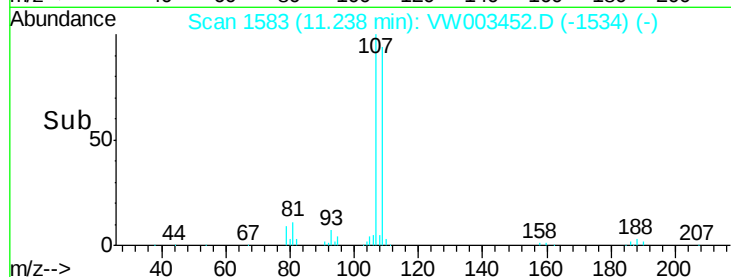
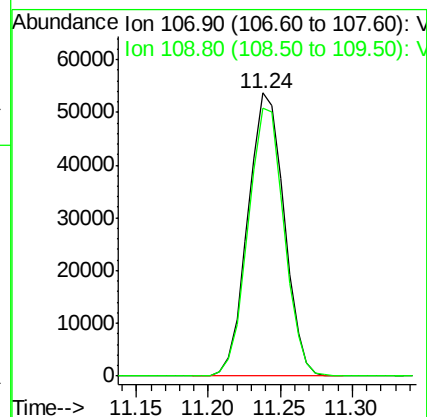
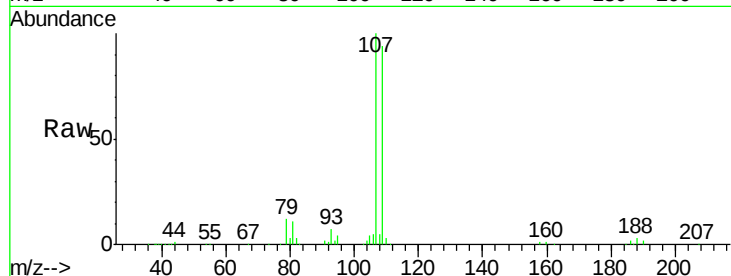
107 100

109 94.1 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 52.65 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

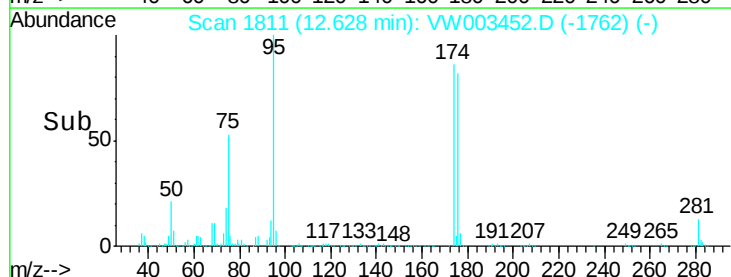
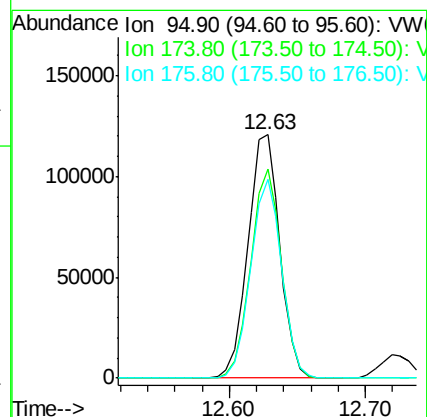
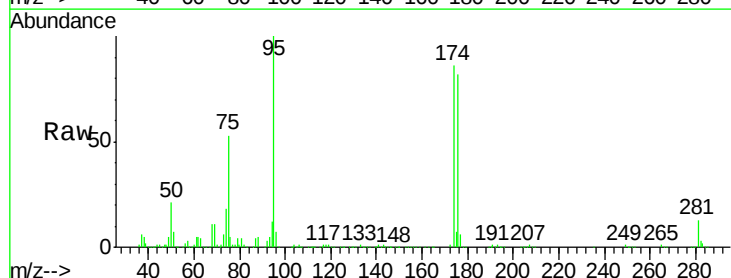
Tgt Ion: 95 Resp: 197404

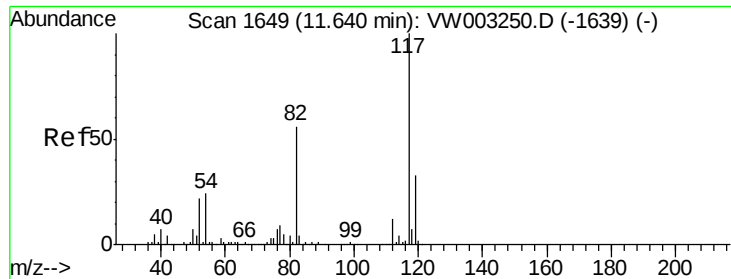
Ion Ratio Lower Upper

95 100

174 82.8 0.0 166.4

176 79.6 0.0 162.0





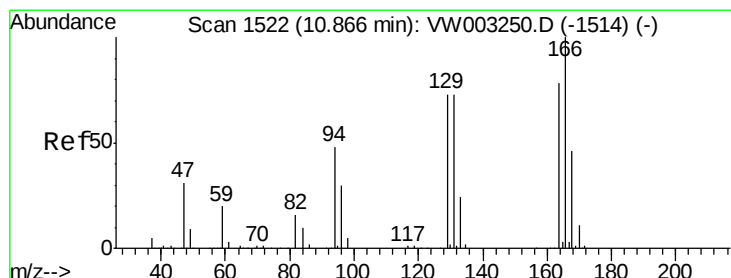
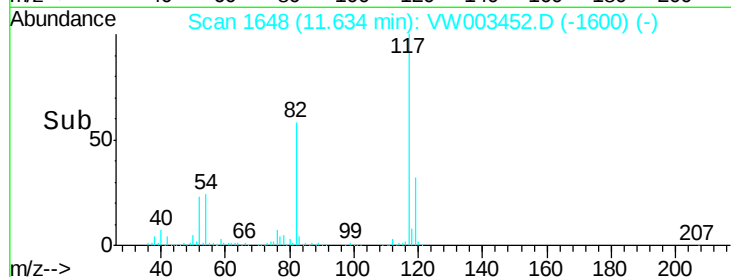
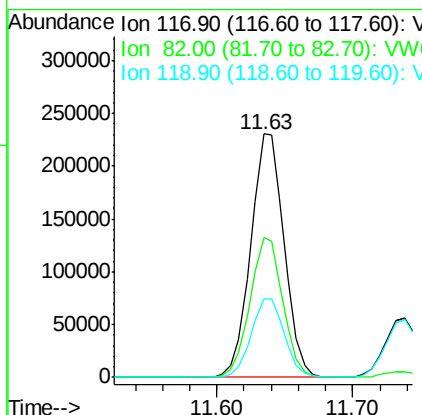
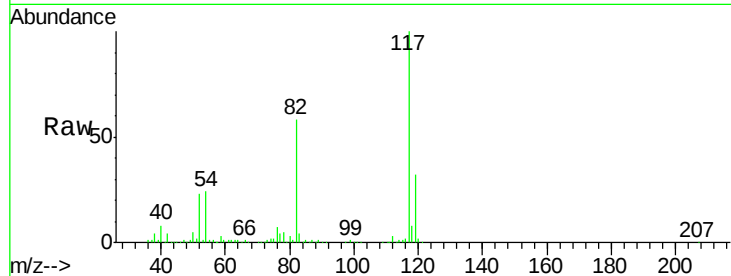
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	396393		
82	57.5	44.6	67.0	
119	32.4	26.7	40.1	

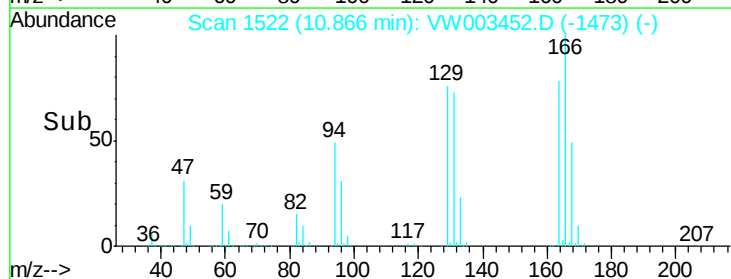
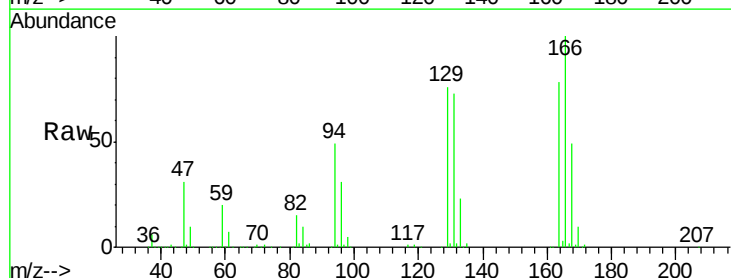
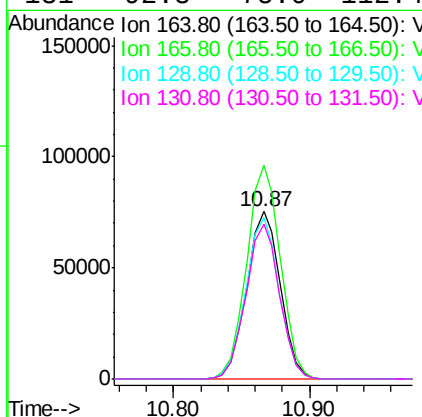
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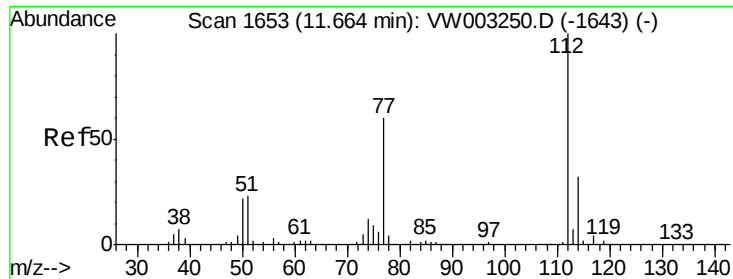
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#64
Tetrachloroethene
Concen: 49.18 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	130389		
166	127.5	102.6	154.0	
129	96.4	75.2	112.8	
131	92.8	75.0	112.4	





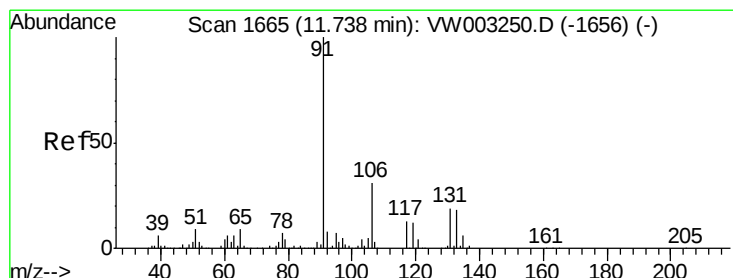
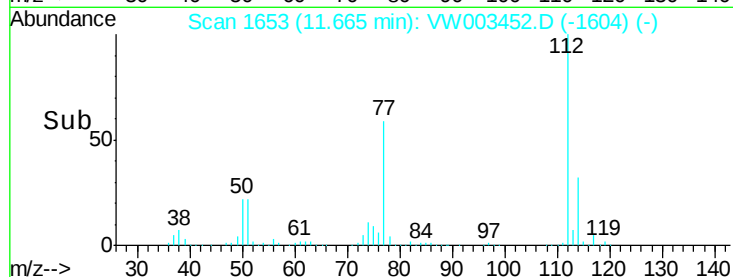
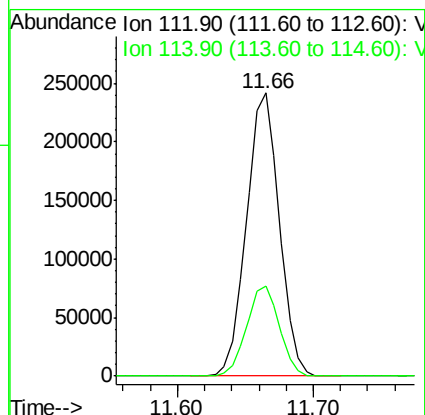
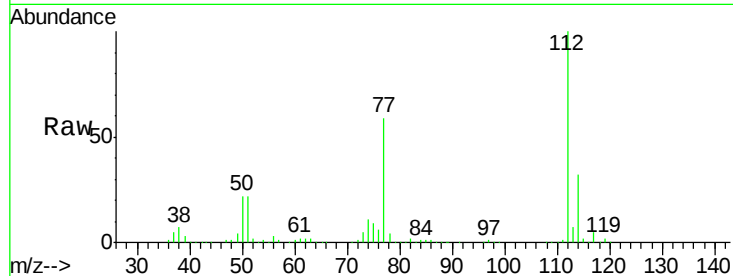
#65
Chlorobenzene
Concen: 49.40 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 407768
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9

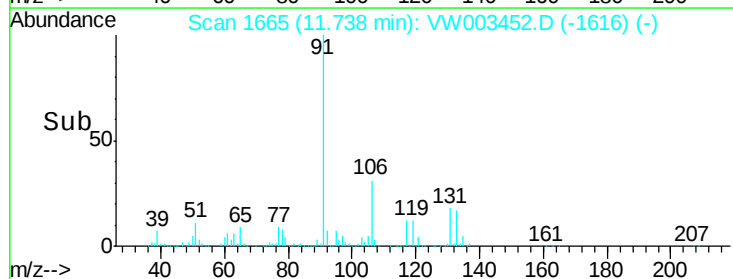
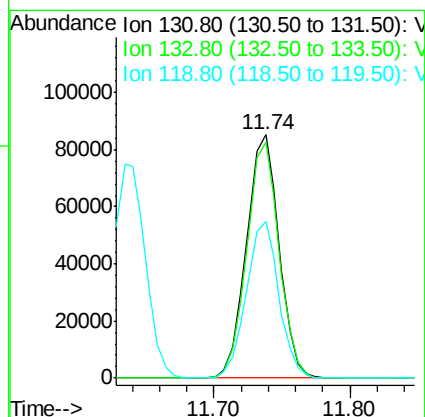
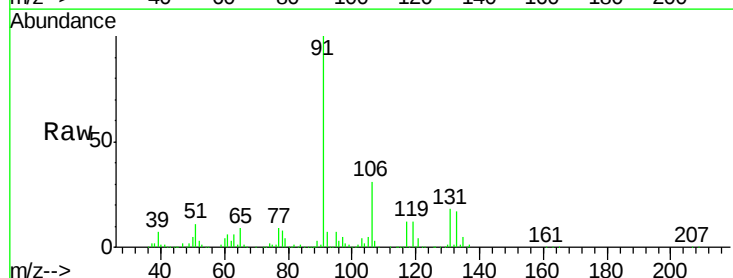
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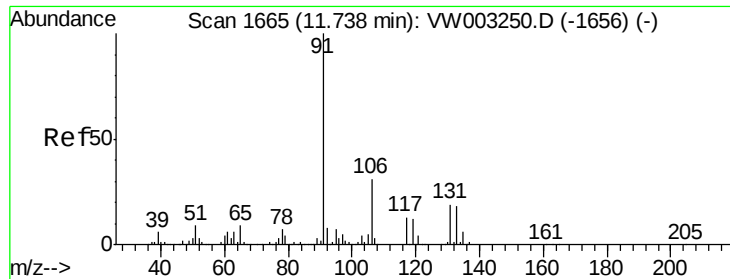
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.42 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion:131 Resp: 143358
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 64.0 32.5 97.4





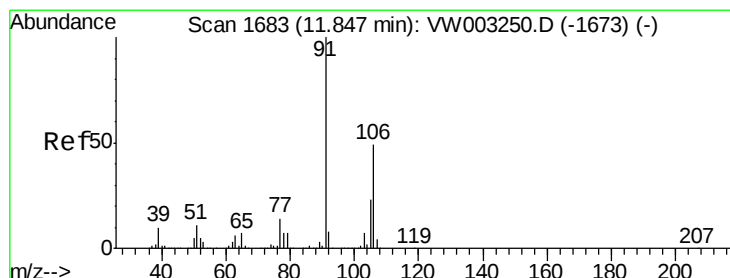
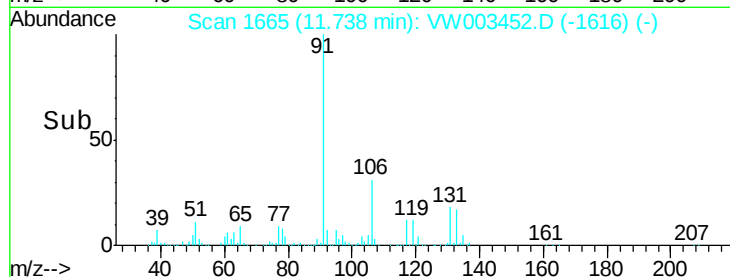
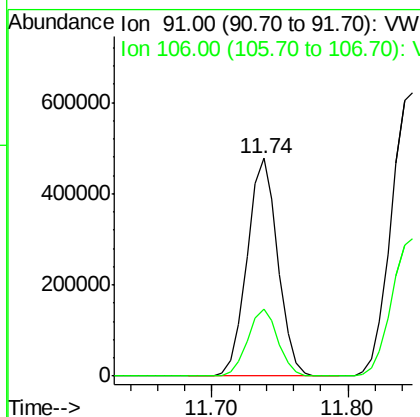
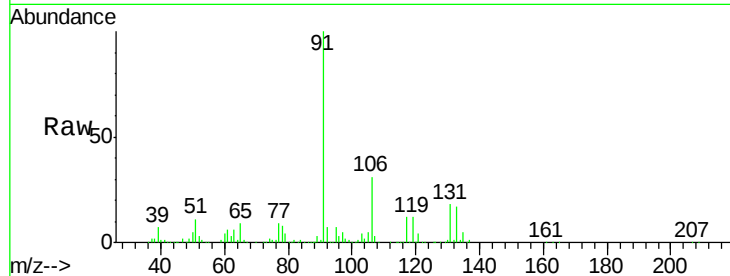
#67
Ethyl Benzene
Concen: 51.52 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 753806
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1

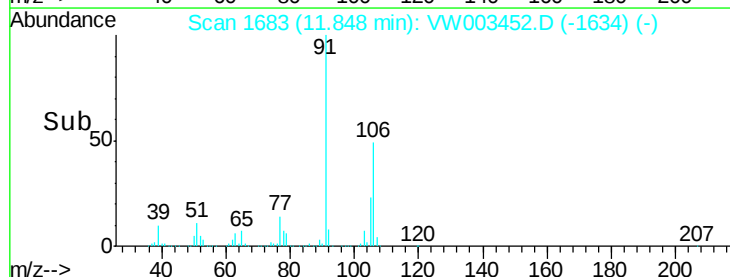
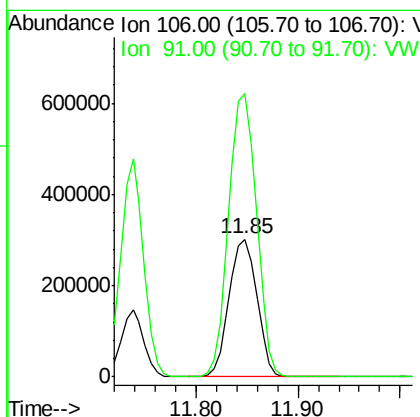
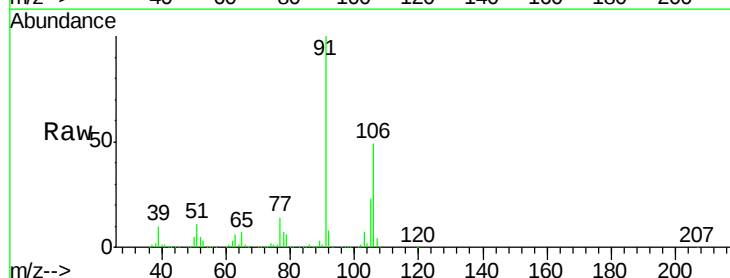
Manual Integrations
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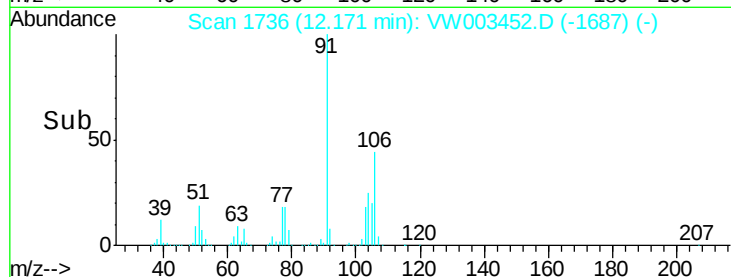
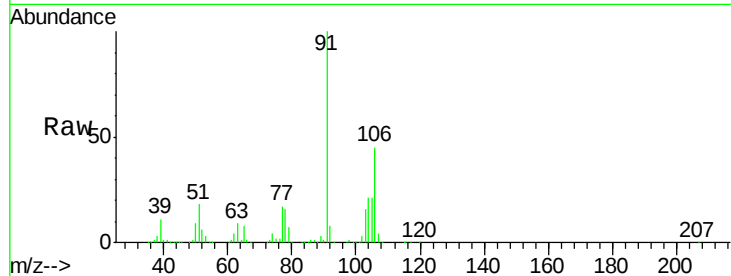
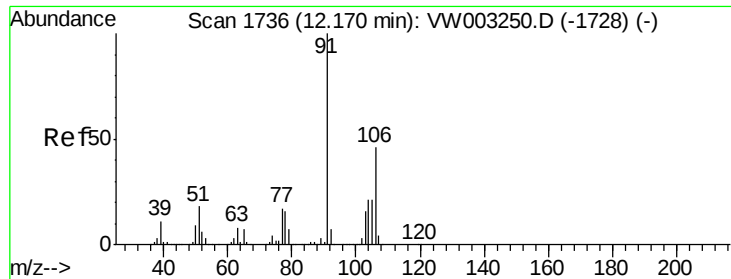
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#68
m/p-Xylenes
Concen: 102.69 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion: 106 Resp: 571168
Ion Ratio Lower Upper
106 100
91 205.8 165.4 248.0





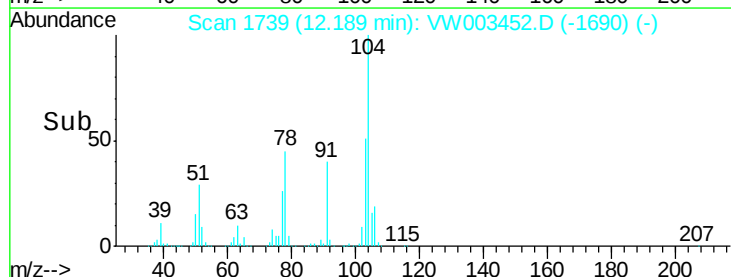
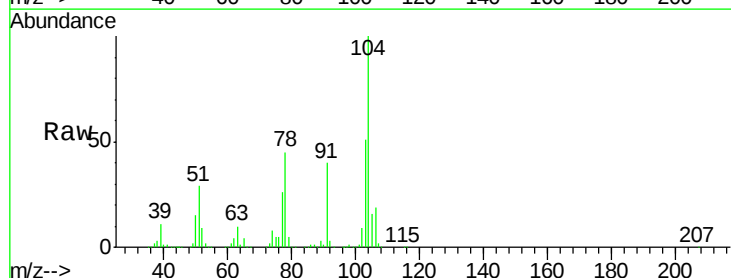
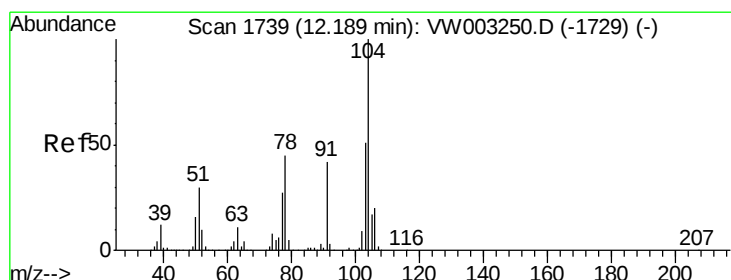
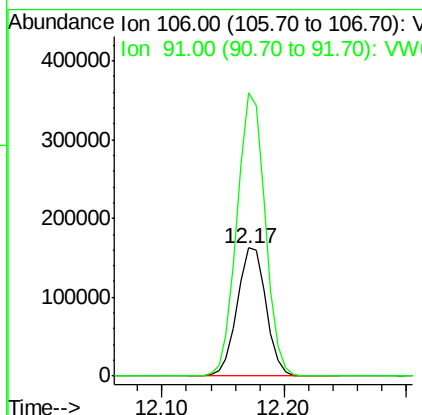
#69
o-Xylene
Concen: 51.39 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tot Ion:106 Resp: 264892
Ion Ratio Lower Upper
106 100
91 216.2 108.6 325.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

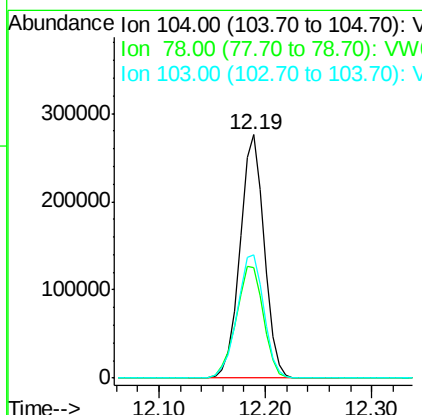
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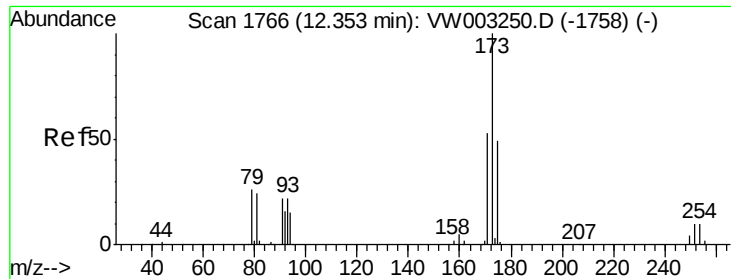
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#70
Styrene
Concen: 51.41 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion:104 Resp: 441087
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 56.1 45.0 67.4





#71

Bromoform

Concen: 45.99 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

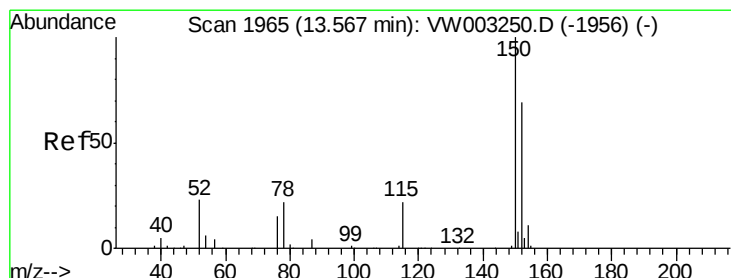
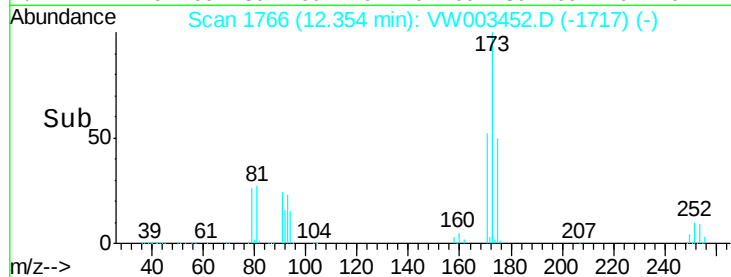
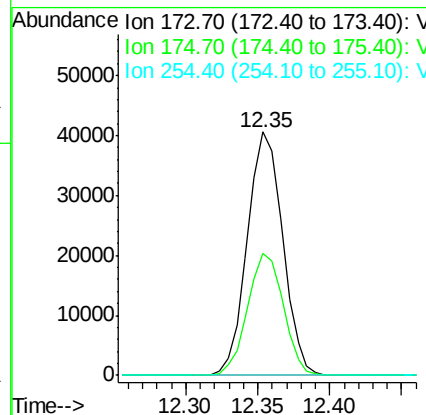
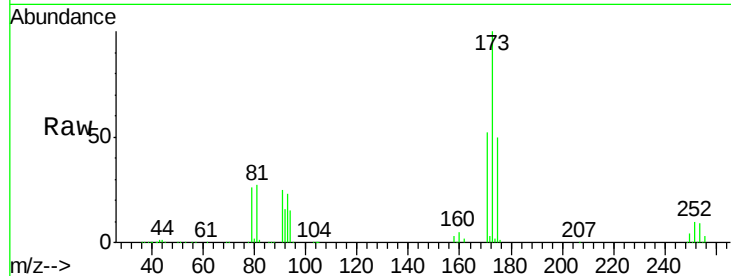
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.4	73.4
254	0.2	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

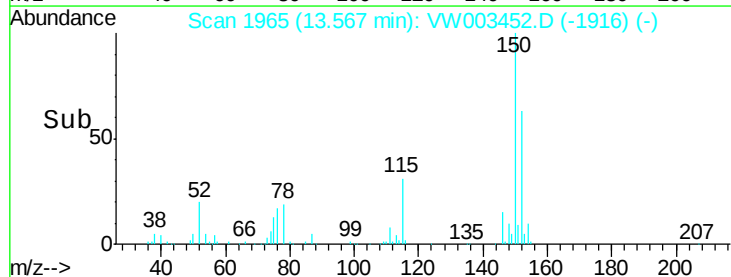
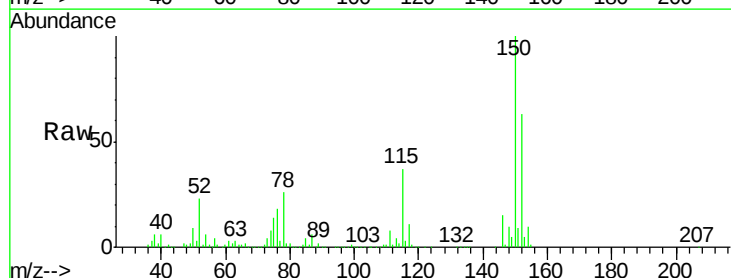
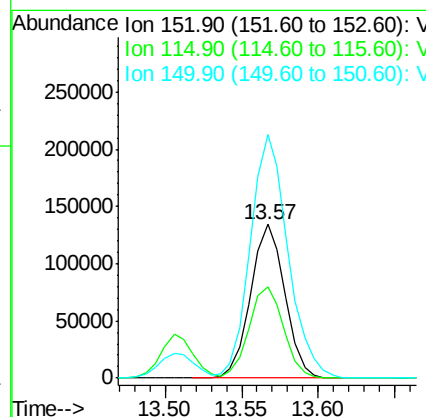
RT: 13.57 min Scan# 1965

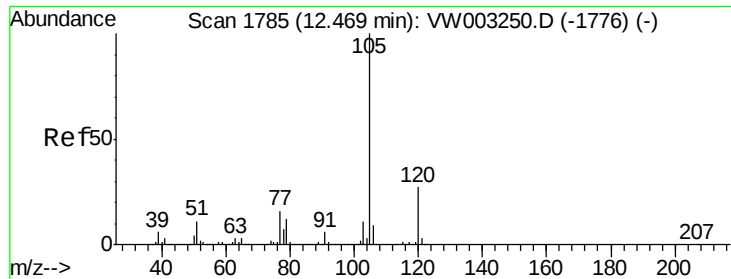
Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.3	88.0
150	174.3	0.0	349.6





#73

Isopropylbenzene

Concen: 51.92 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 754824

Ion Ratio Lower Upper

105 100

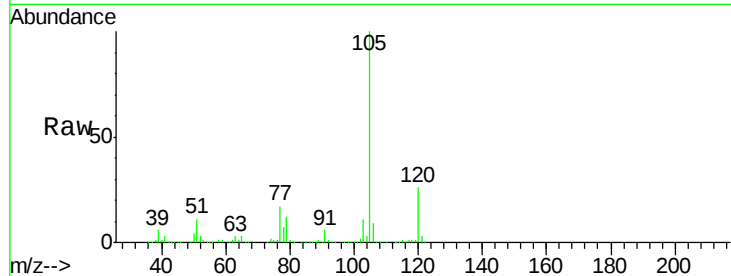
120 26.1 13.2 39.6

Manual Integrations

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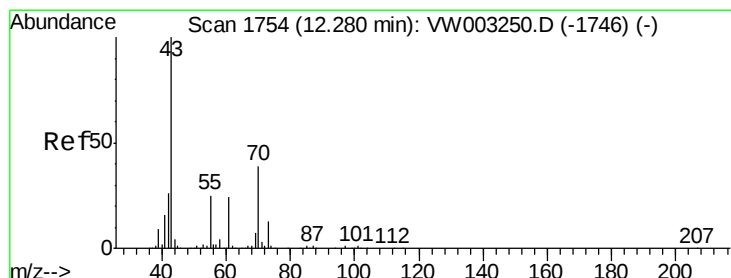
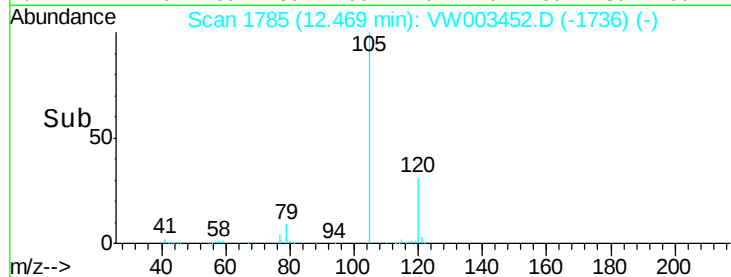
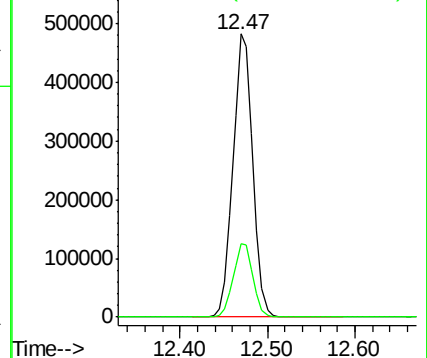
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.32 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion: 43 Resp: 146652

Ion Ratio Lower Upper

43 100

70 38.4 31.0 46.6

55 26.3 19.7 29.5

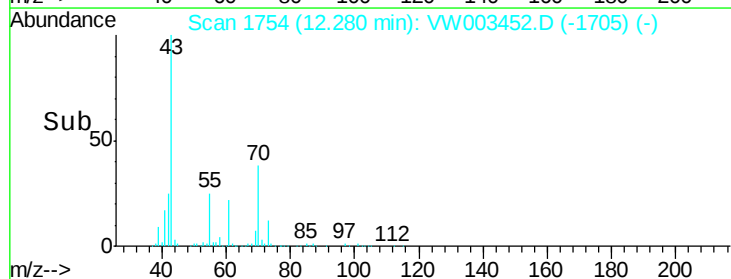
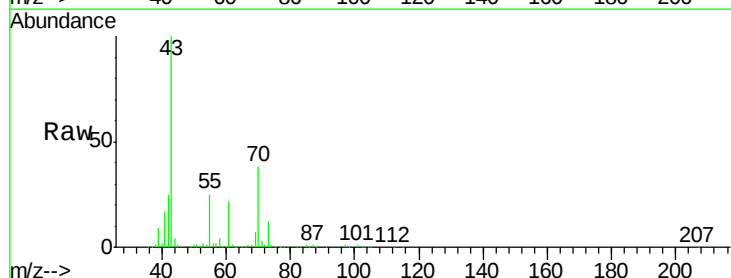
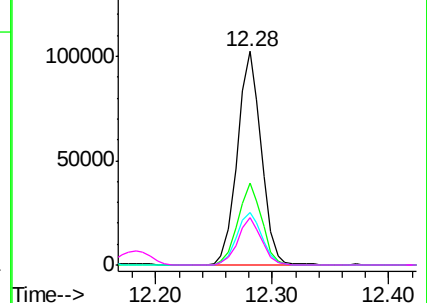
61 21.8 18.1 27.1

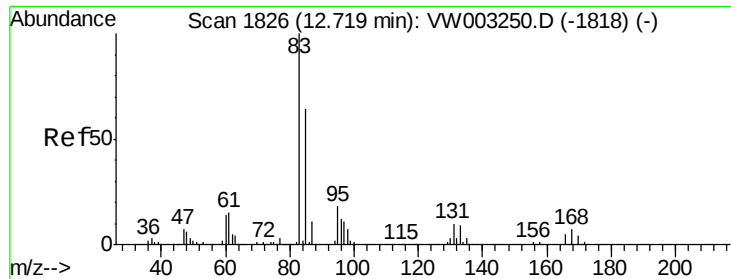
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 45.86 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

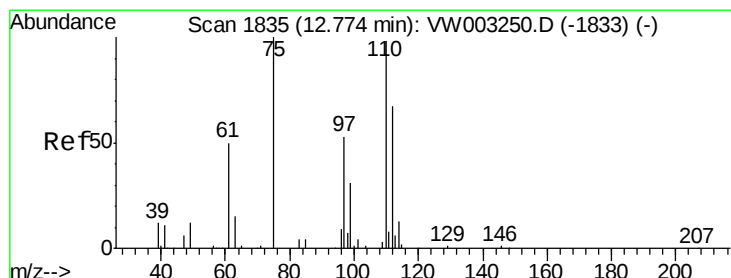
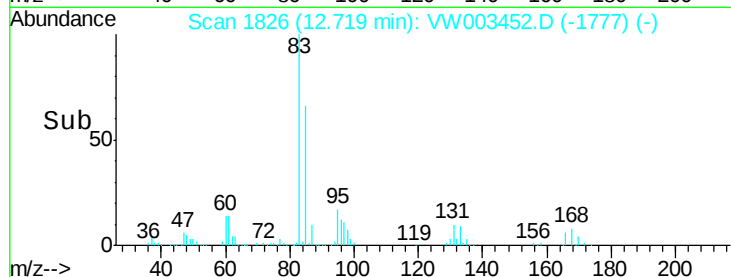
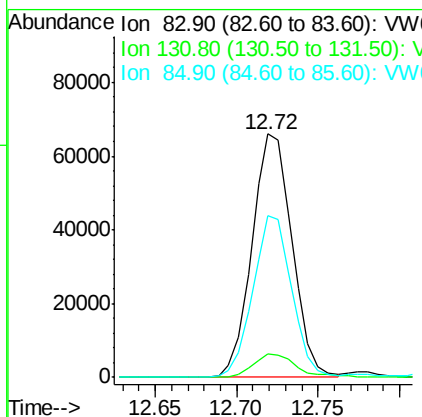
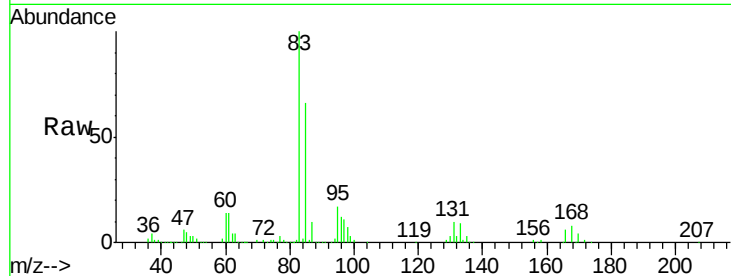
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	112812
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	64.3	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 44.78 ug/l m

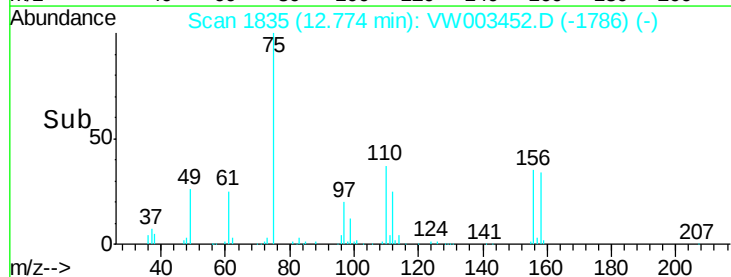
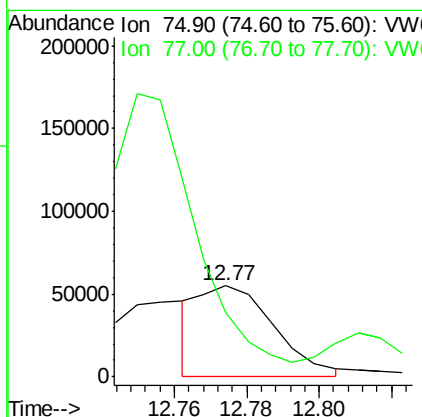
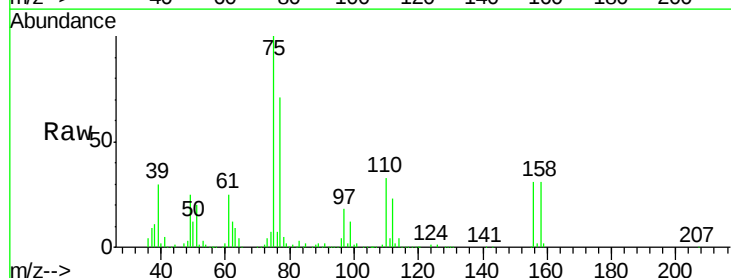
RT: 12.77 min Scan# 1835

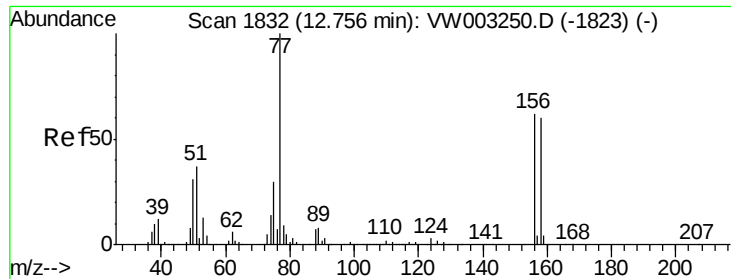
Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion:	75	Resp:	80012
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.06 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampled :

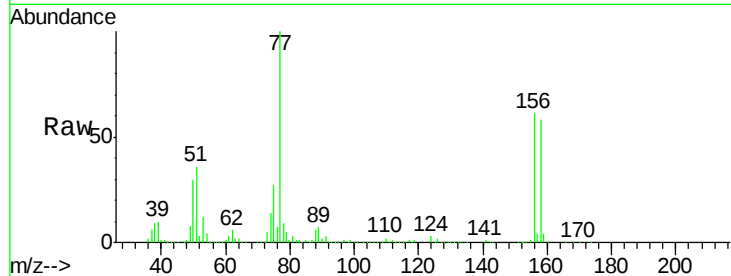
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		166117		
77	186.4	92.3	276.9		
158	96.2	47.5	142.6		

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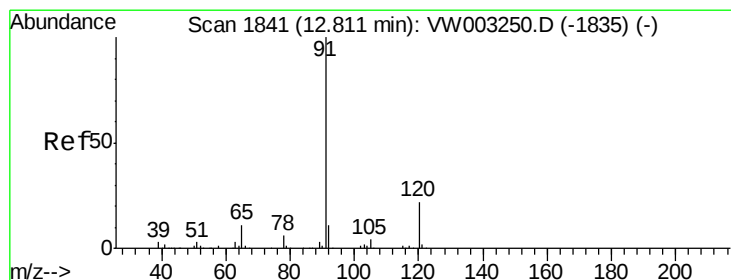
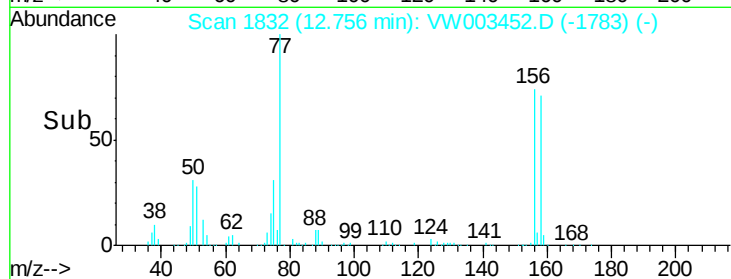
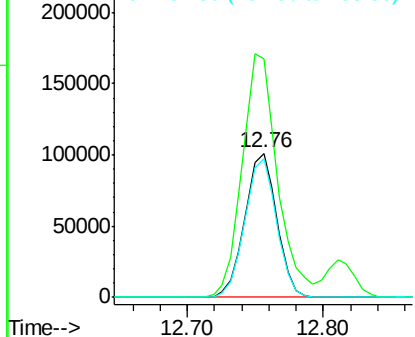
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.78 ug/l

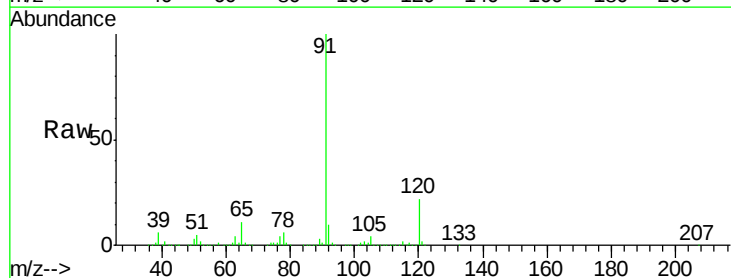
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003452.D

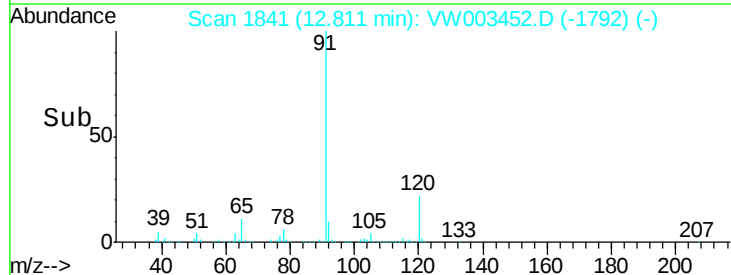
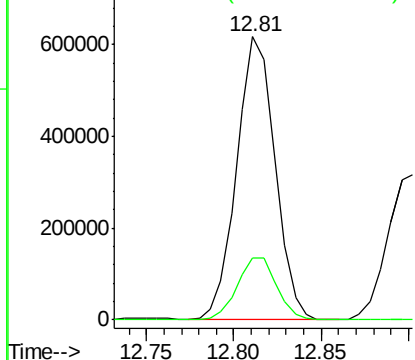
Acq: 23 Jun 2018 11:12

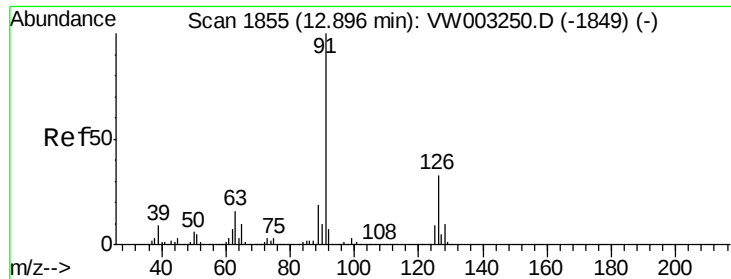
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		939654		
120	22.7	11.3	33.8		



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.34 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 516471

Ion Ratio Lower Upper

91 100

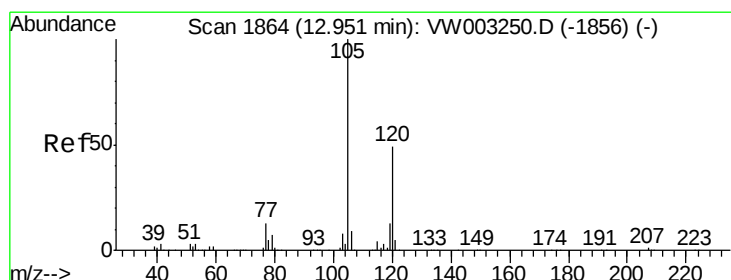
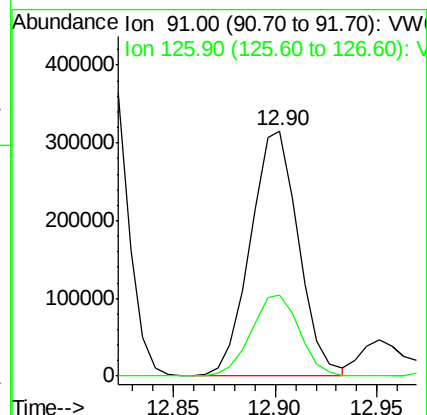
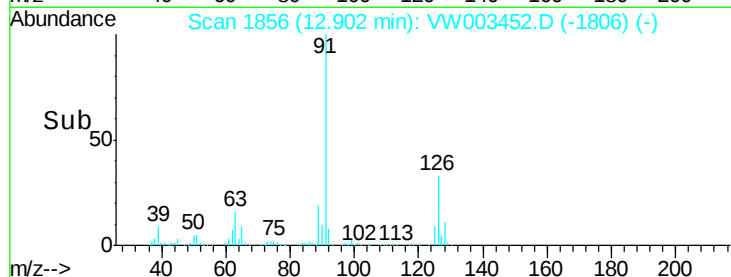
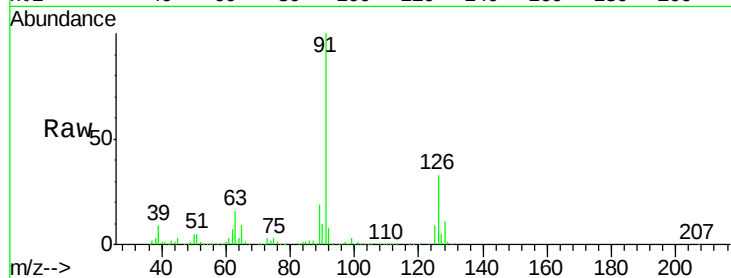
126 33.3 16.8 50.4

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#80

1,3,5-Trimethylbenzene

Concen: 52.50 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003452.D

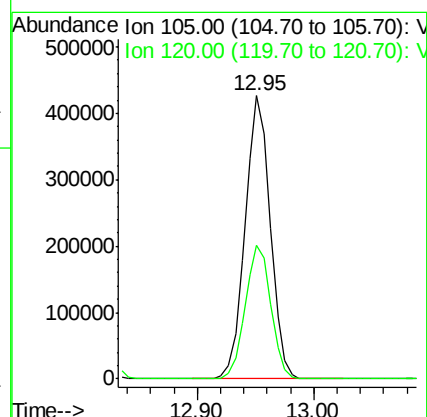
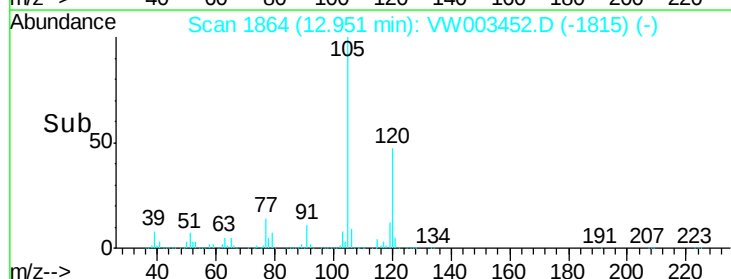
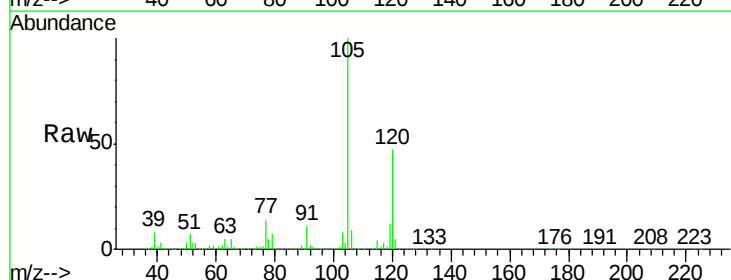
Acq: 23 Jun 2018 11:12

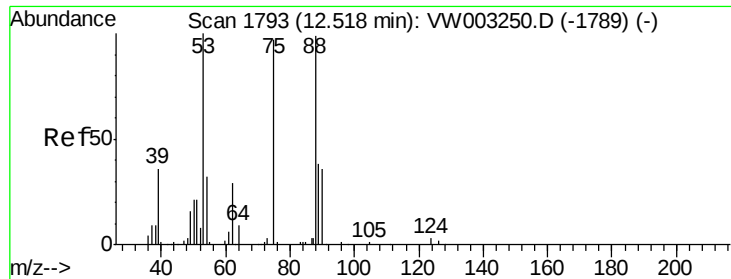
Tgt Ion: 105 Resp: 640640

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9





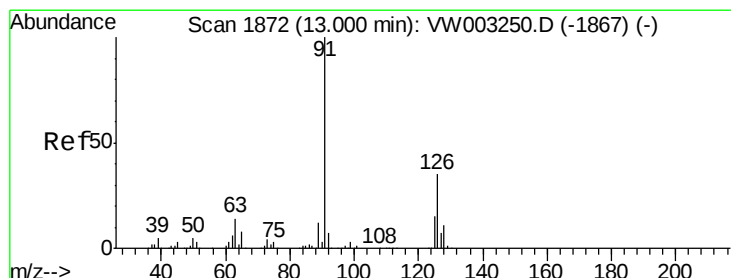
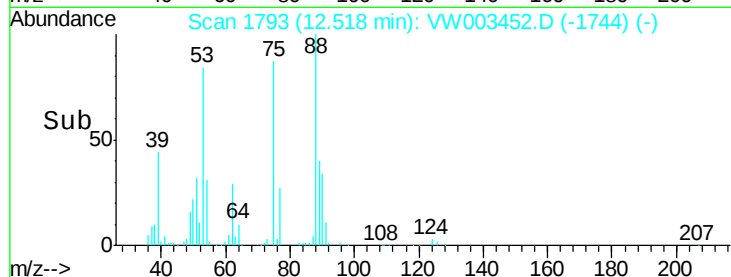
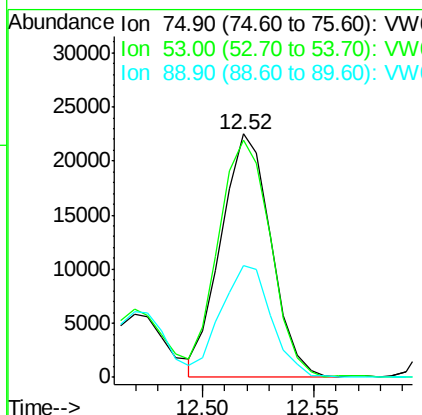
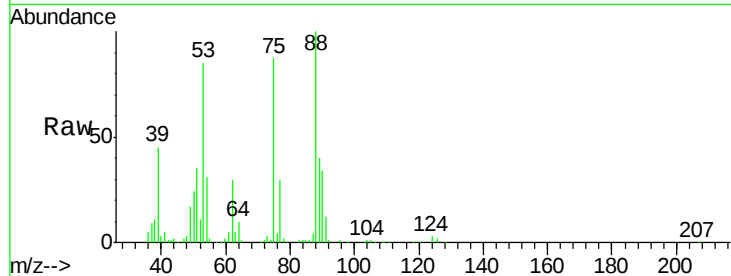
#81
trans-1,4-Dichloro-2-butene
Concen: 44.96 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.8	82.9	124.3
89	47.0	36.7	55.1

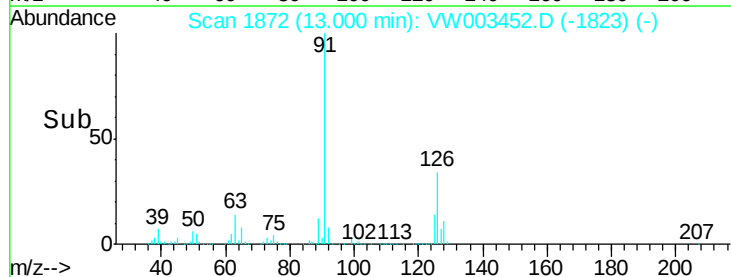
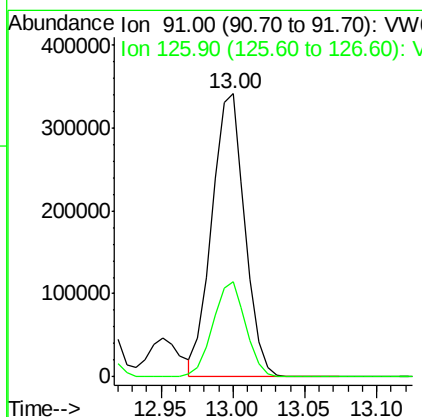
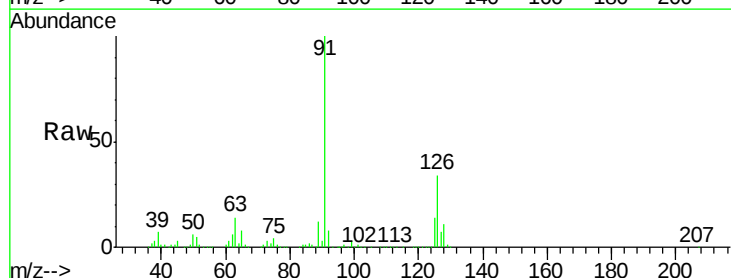
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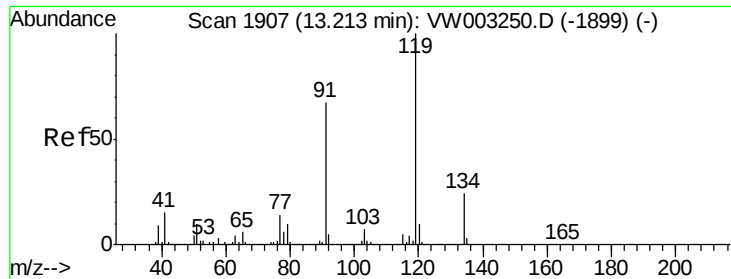
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#82
4-Chlorotoluene
Concen: 50.85 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.3





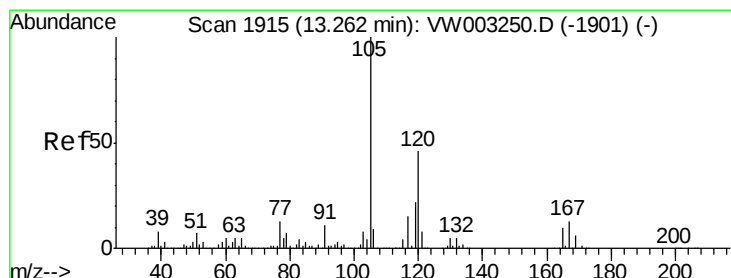
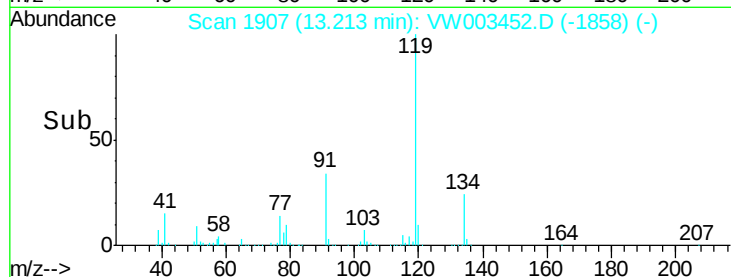
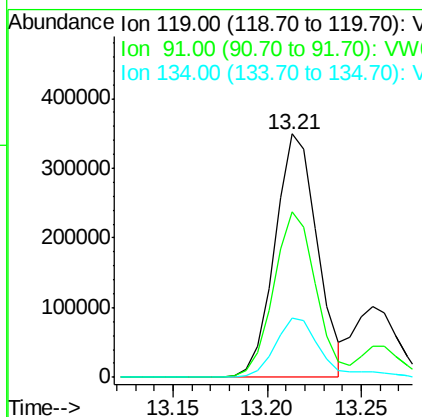
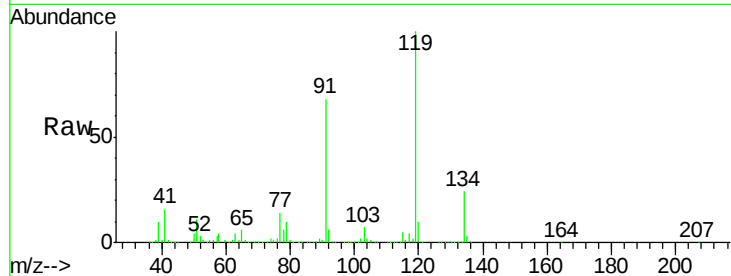
#83
 tert-Butylbenzene
 Concen: 52.33 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	33.9	101.7
134	26.5	13.4	40.1

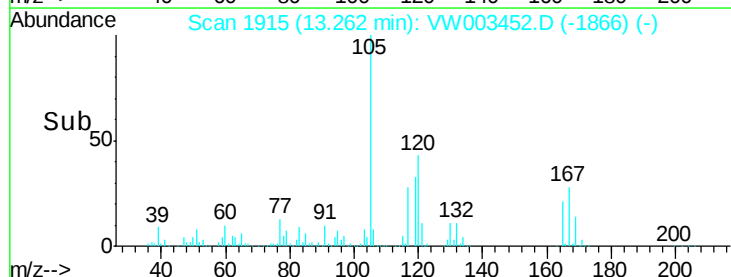
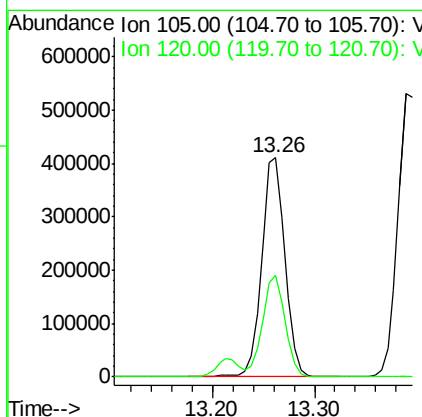
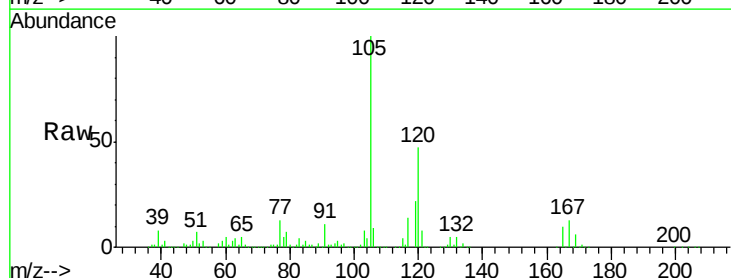
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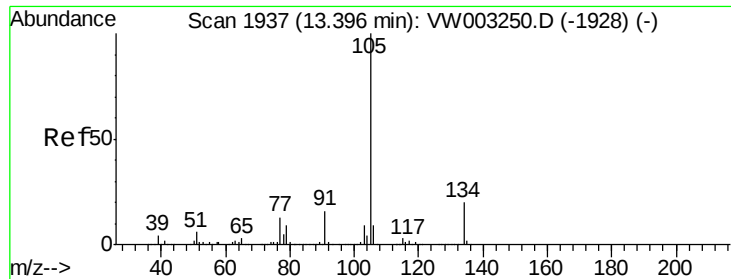
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.82 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.5	67.5





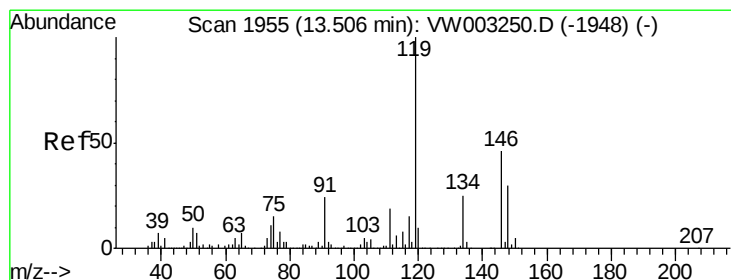
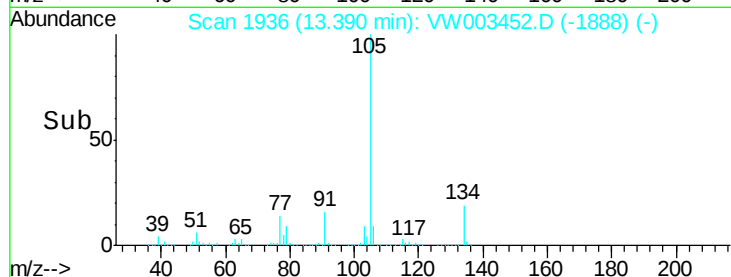
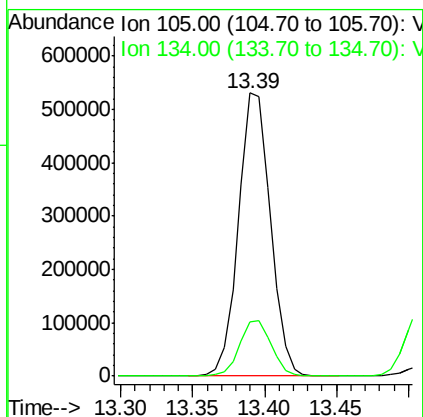
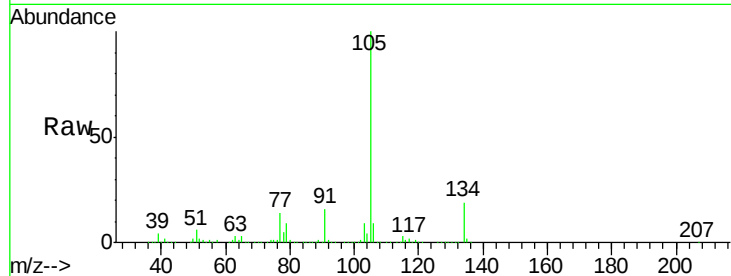
#85
 sec-Butylbenzene
 Concen: 52.91 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

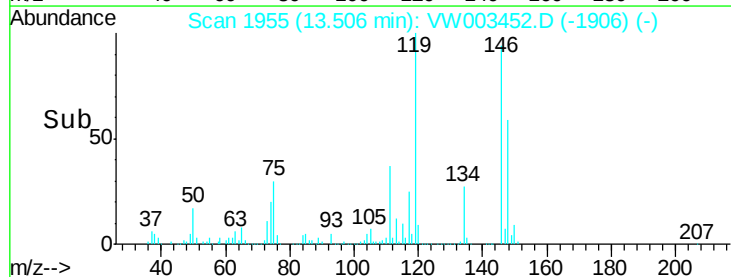
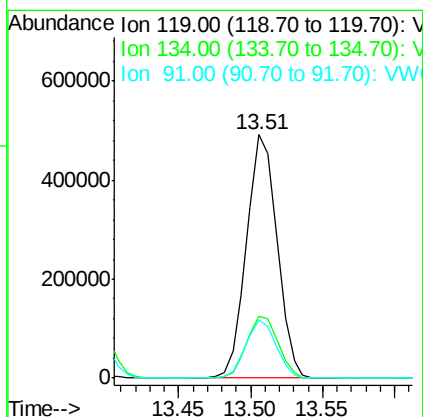
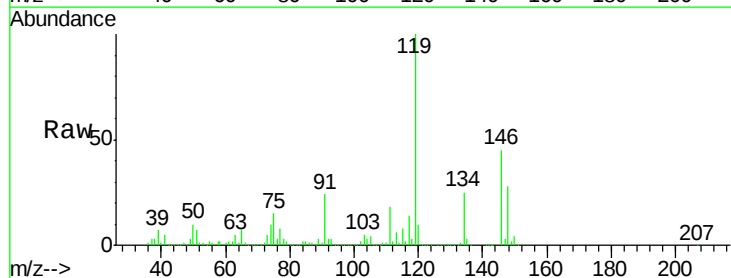
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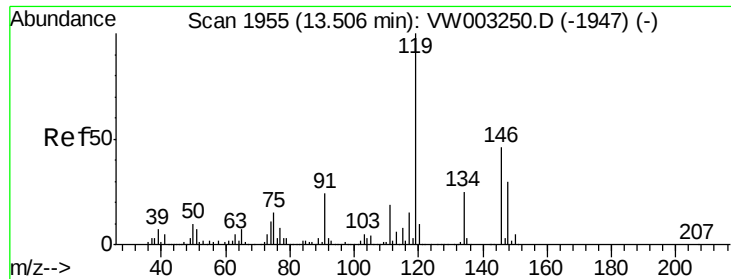
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#86
 p-Isopropyltoluene
 Concen: 52.84 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	23.8	11.8	35.3





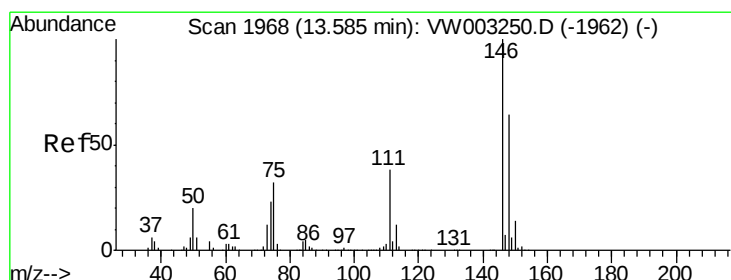
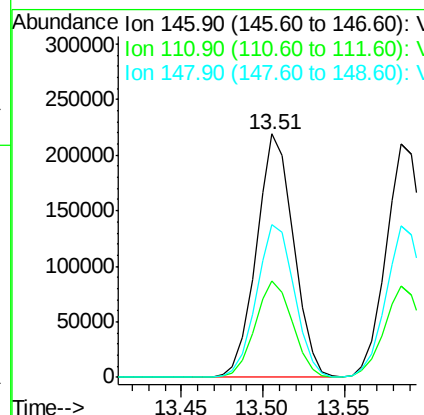
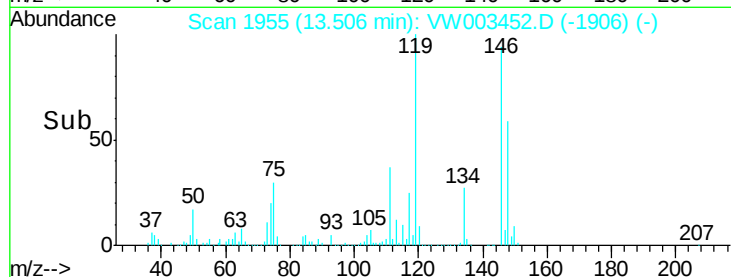
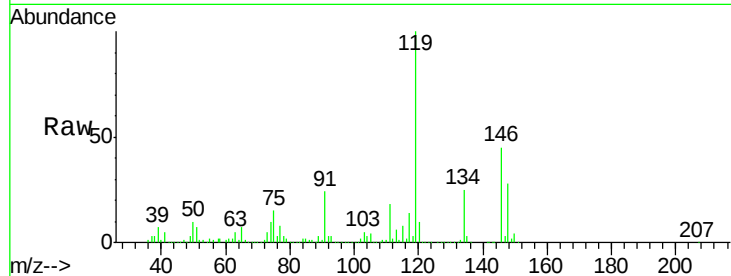
#87
 1,3-Dichlorobenzene
 Concen: 49.72 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	345837		
111	40.0	19.8	59.4	
148	64.1	32.1	96.5	

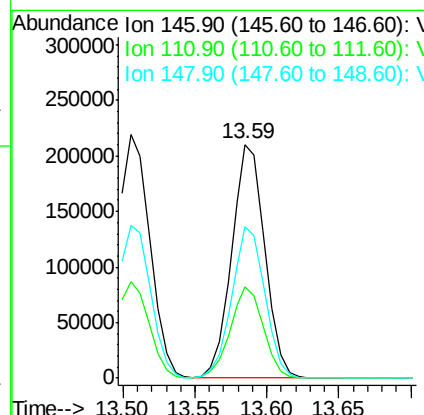
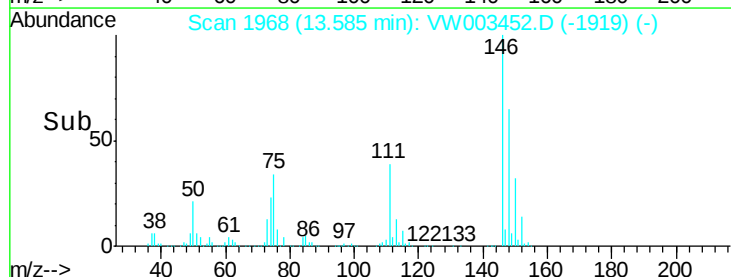
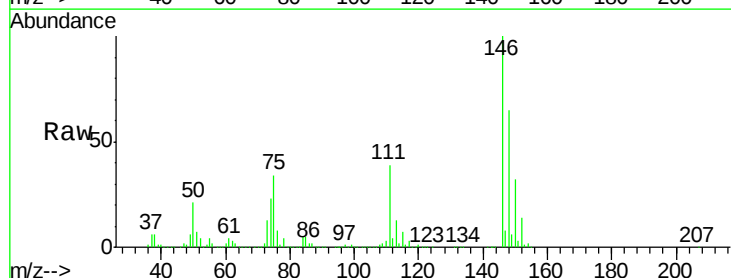
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#88
 1,4-Dichlorobenzene
 Concen: 48.83 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	337651		
111	39.0	19.2	57.6	
148	64.7	31.8	95.4	





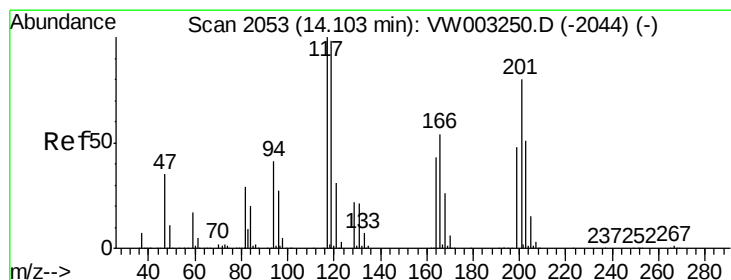
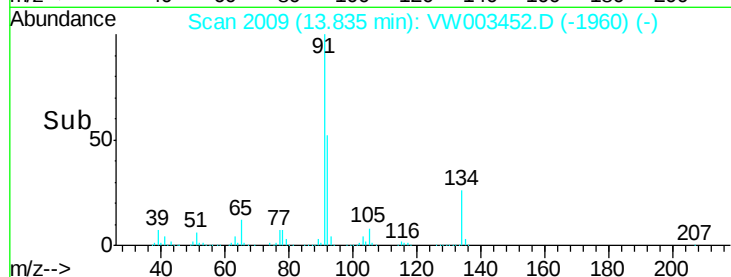
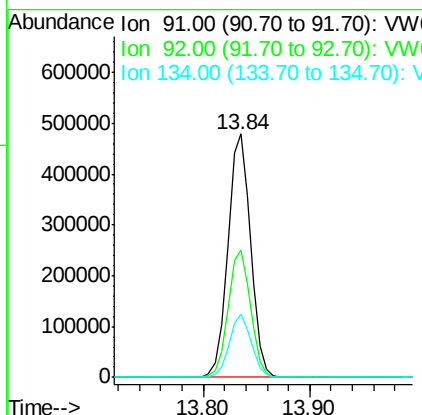
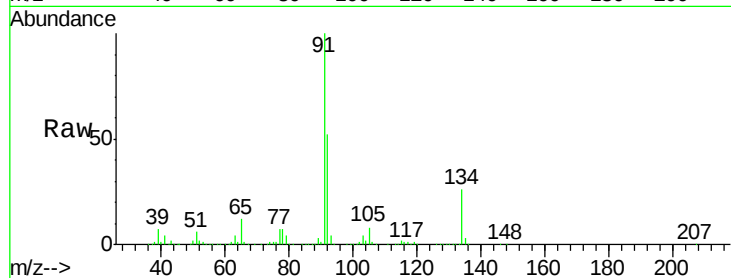
#89
n-Butylbenzene
Concen: 53.49 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	25.3	12.7	38.0

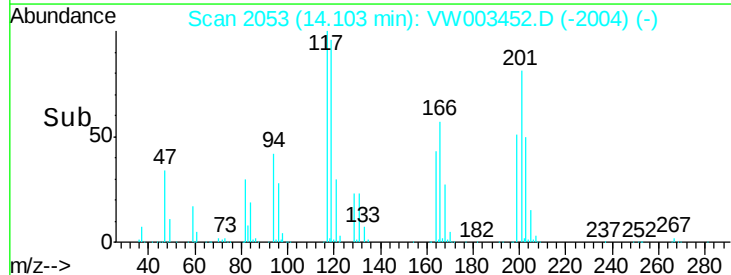
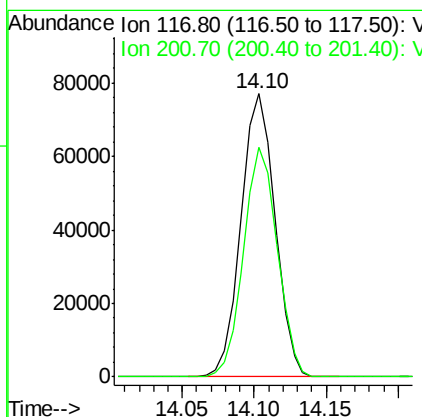
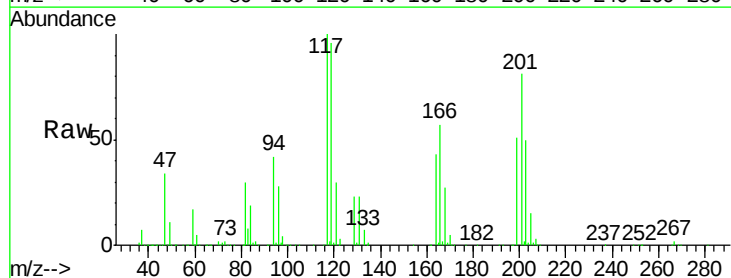
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#90
Hexachloroethane
Concen: 51.29 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003452.D
Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.3	39.5	118.5





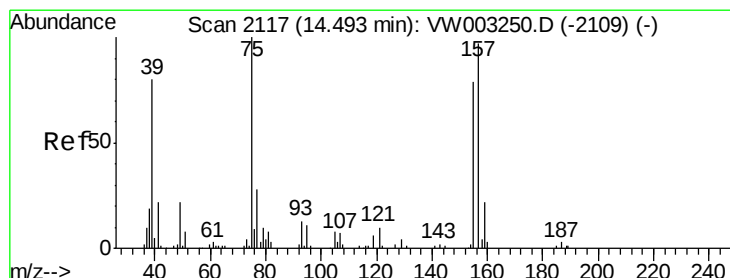
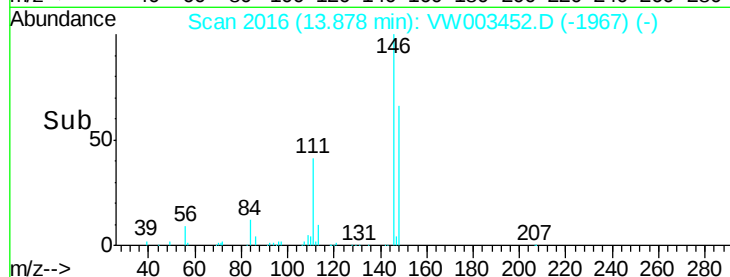
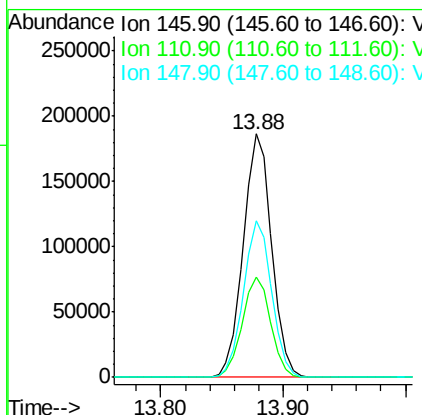
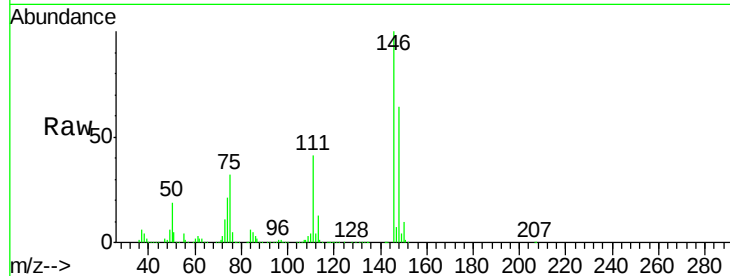
#91
 1,2-Dichlorobenzene
 Concen: 49.16 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	299534		
111	41.1	20.3	61.0	
148	64.0	32.3	96.9	

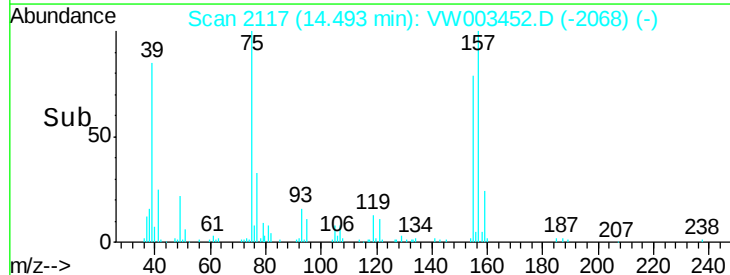
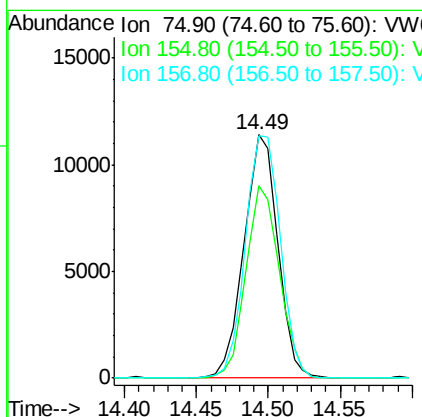
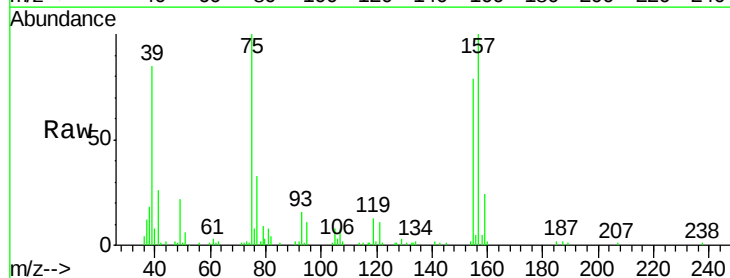
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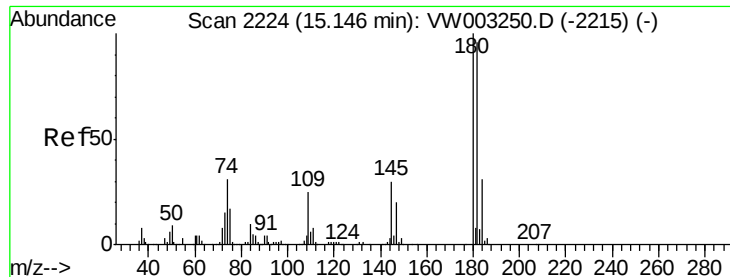
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.72 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18510		
155	78.2	39.4	118.2	
157	102.9	51.5	154.5	





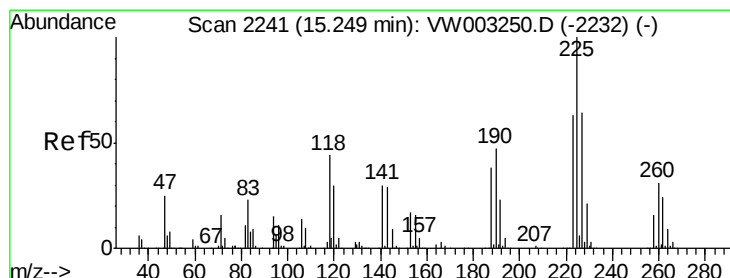
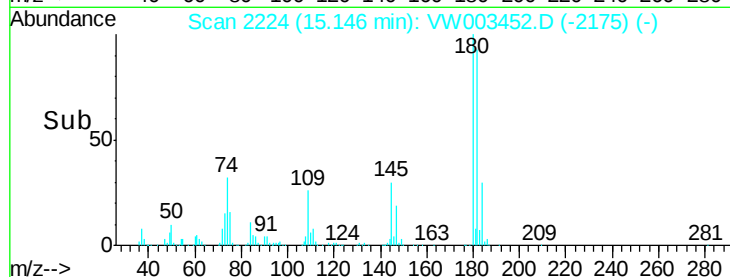
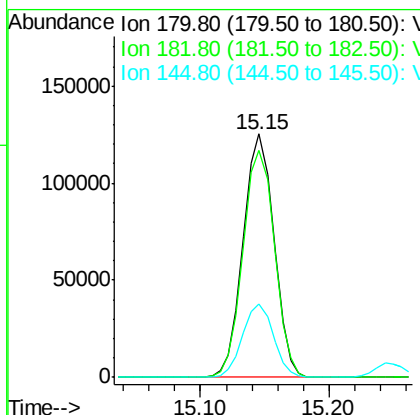
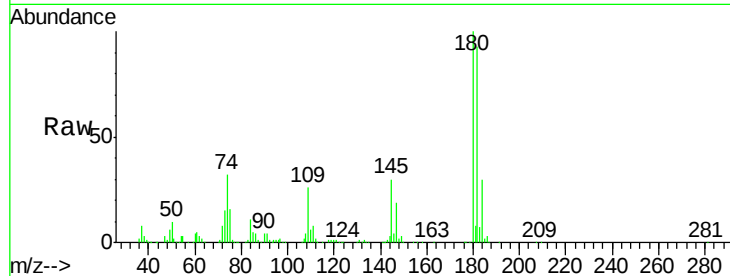
#93
 1,2,4-Trichlorobenzene
 Concen: 48.57 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	207734		
182	95.4	47.9	143.6	
145	30.1	15.2	45.5	

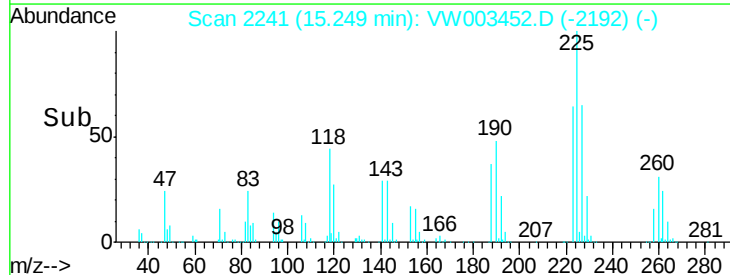
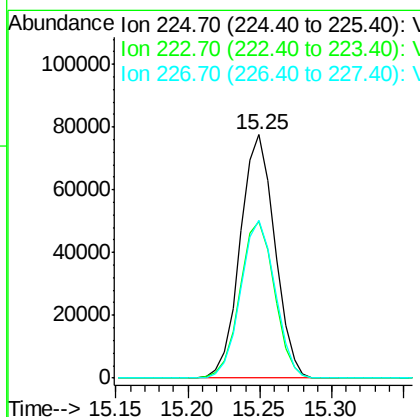
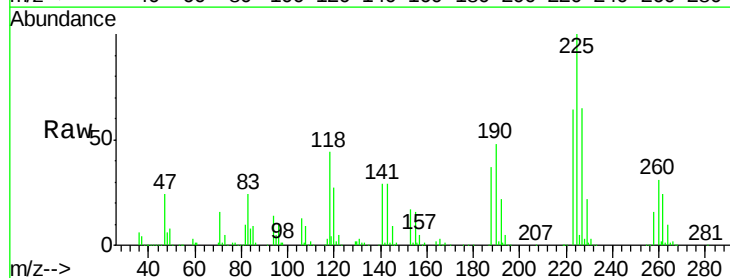
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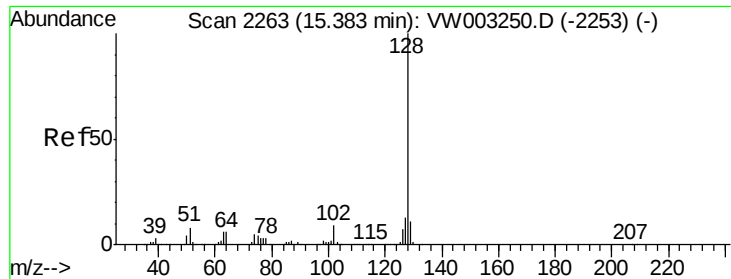
apatel
 6/25/2018 6:56:24 PM



#94
 Hexachlorobutadiene
 Concen: 50.17 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003452.D
 Acq: 23 Jun 2018 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129074		
223	64.2	30.6	92.0	
227	64.3	31.7	95.1	





#95

Naphthalene

Concen: 45.78 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Instrument :

MSVOA_W

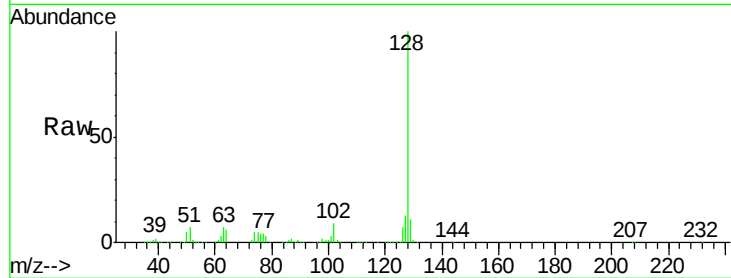
ClientSampleId :

VSTDCCC050

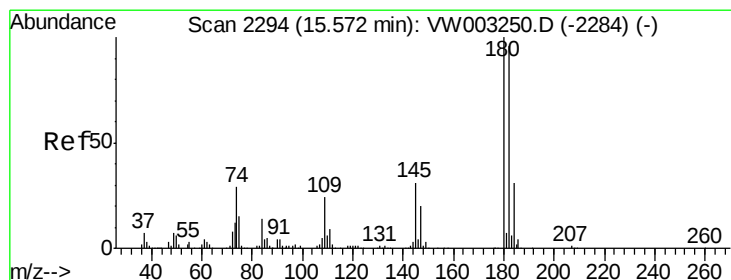
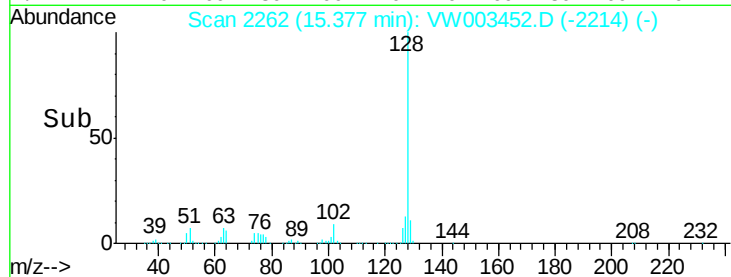
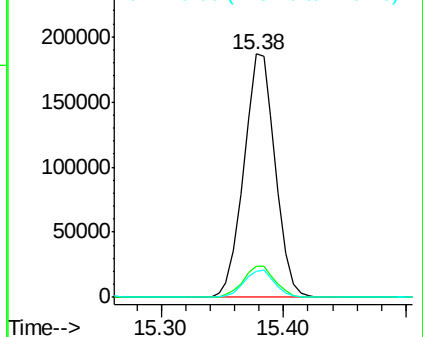
Tot Ion:	128	Resp:	332149
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.1	8.9	13.3

Manual Integrations
APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 47.18 ug/l

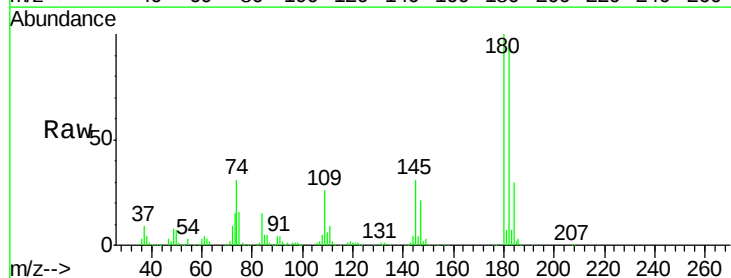
RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003452.D

Acq: 23 Jun 2018 11:12

Tgt Ion:	180	Resp:	177636
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.9	143.6
145	31.1	15.8	47.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

