

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003630.D
 Acq On : 28 Jun 2018 11:13
 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
 APPROVED

apatel
 6/29/2018 10:21:55 AM

Quant Time: Jun 29 07:03:28 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	239403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	338630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132123	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.88	113	121308	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.33	98	486043	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
62) 4-Bromofluorobenzene	12.63	95	177299	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	37752m	52.16	ug/l	
3) Chloromethane	2.21	50	87089	47.62	ug/l	98
4) Vinyl Chloride	2.36	62	124449	46.68	ug/l	99
5) Bromomethane	2.78	94	75386	42.55	ug/l	100
6) Chloroethane	2.92	64	80462	43.36	ug/l	99
7) Trichlorofluoromethane	3.25	101	80931	50.67	ug/l	92
8) Diethyl Ether	3.67	74	54491	46.45	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	112034	50.52	ug/l	99
10) Methyl Iodide	4.26	142	165157	49.24	ug/l	99
11) Tert butyl alcohol	5.26	59	33057	237.70	ug/l #	79
12) 1,1-Dichloroethene	4.03	96	107712	49.70	ug/l	95
13) Acrolein	3.90	56	45235	227.50	ug/l	98
14) Allyl chloride	4.66	41	191242	50.94	ug/l	98
15) Acrylonitrile	5.38	53	121868	252.47	ug/l	100
16) Acetone	4.15	43	144979	266.58	ug/l	94
17) Carbon Disulfide	4.37	76	305746	47.72	ug/l	99
18) Methyl Acetate	4.68	43	67497	52.32	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	206440	50.86	ug/l	98
20) Methylene Chloride	4.91	84	117084	50.73	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	118069	50.06	ug/l	96
22) Diisopropyl ether	6.31	45	397094	52.56	ug/l	99
23) Vinyl Acetate	6.26	43	1109788	254.90	ug/l	99
24) 1,1-Dichloroethane	6.21	63	230307	51.35	ug/l	98
25) 2-Butanone	7.18	43	177400	262.32	ug/l	99
26) 2,2-Dichloropropane	7.17	77	150134	50.16	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	132487	51.13	ug/l	98
28) Bromochloromethane	7.51	49	102905	55.13	ug/l	98
29) Tetrahydrofuran	7.54	42	102813	248.76	ug/l	99
30) Chloroform	7.68	83	237437	51.96	ug/l	99
31) Cyclohexane	7.96	56	200539	47.86	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	192522	51.04	ug/l	99
36) 1,1-Dichloropropene	8.09	75	185470	52.46	ug/l	99
37) Ethyl Acetate	7.26	43	71548	48.85	ug/l	98
38) Carbon Tetrachloride	8.07	117	181514	52.34	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	213689	52.23	ug/l	98
40) Benzene	8.32	78	515190	52.86	ug/l	99
41) Methacrylonitrile	7.49	41	45999	51.18	ug/l	100
42) 1,2-Dichloroethane	8.40	62	155231	50.84	ug/l	99
43) Isopropyl Acetate	8.43	43	143090	49.20	ug/l	99
44) Trichloroethene	9.09	130	132845	51.44	ug/l	96
45) 1,2-Dichloropropane	9.37	63	133029	53.61	ug/l	99
46) Dibromomethane	9.46	93	65134	51.27	ug/l	97
47) Bromodichloromethane	9.65	83	172202	52.88	ug/l	100
48) Methyl methacrylate	9.44	41	71614	52.40	ug/l	97
49) 1,4-Dioxane	9.50	88	19466	1014.82	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	377951	255.03	ug/l	99
52) Toluene	10.39	92	328982	52.64	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	174490	52.46	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	200754	53.02	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	91799	51.28	ug/l	98
56) Ethyl methacrylate	10.65	69	113684	52.30	ug/l	97
57) 1,3-Dichloropropane	10.94	76	160037	51.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	258740	265.51	ug/l	98
59) 2-Hexanone	10.98	43	281769	272.16	ug/l	100
60) Dibromochloromethane	11.13	129	111730	52.48	ug/l	99
61) 1,2-Dibromoethane	11.24	107	86595	51.14	ug/l	99
64) Tetrachloroethene	10.87	164	113943	50.31	ug/l	98
65) Chlorobenzene	11.66	112	360051	51.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	128324	51.78	ug/l	100
67) Ethyl Benzene	11.74	91	658989	52.72	ug/l	99
68) m/p-Xylenes	11.85	106	501079	105.45	ug/l	99
69) o-Xylene	12.17	106	233768	53.08	ug/l	100
70) Styrene	12.19	104	394302	53.79	ug/l	100
71) Bromoform	12.35	173	65507	51.01	ug/l #	99
73) Isopropylbenzene	12.47	105	662669	53.09	ug/l	99
74) N-amyl acetate	12.28	43	140347	49.40	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	108435	51.35	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	76521m	49.88	ug/l	
77) Bromobenzene	12.76	156	146165	50.28	ug/l	96
78) n-propylbenzene	12.81	91	825335	54.00	ug/l	100
79) 2-Chlorotoluene	12.90	91	456104	52.80	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	561601	53.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35210	52.81	ug/l	99
82) 4-Chlorotoluene	13.00	91	482135	52.62	ug/l	100
83) tert-Butylbenzene	13.21	119	491205	55.01	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	576816	53.52	ug/l	100
85) sec-Butylbenzene	13.40	105	712519	53.68	ug/l	99
86) p-Isopropyltoluene	13.51	119	626015	53.48	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	307426	51.48	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	302625	50.97	ug/l	99
89) n-Butylbenzene	13.83	91	615899	53.98	ug/l	100
90) Hexachloroethane	14.10	117	111577	52.69	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	270104	51.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17566	49.43	ug/l	98

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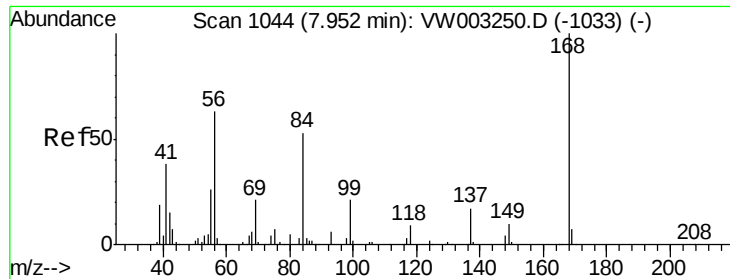
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	190810	51.96	ug/l	99
94) Hexachlorobutadiene	15.25	225	112635	50.99	ug/l	98
95) Naphthalene	15.38	128	321151	51.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	165313	51.14	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: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 239403

Ion Ratio Lower Upper

168 100

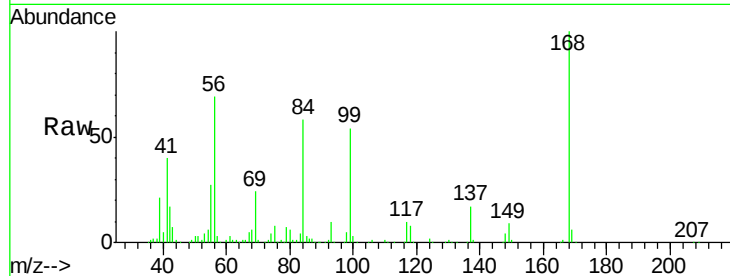
99 54.0 45.5 68.3

Manual Integrations

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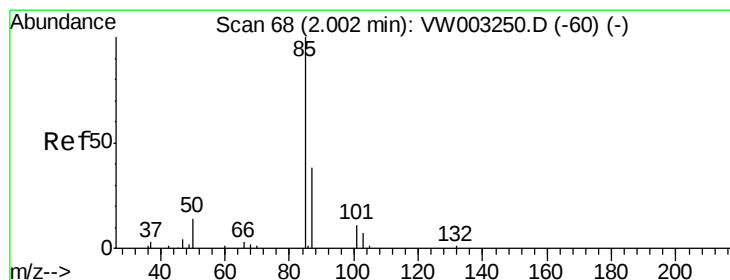
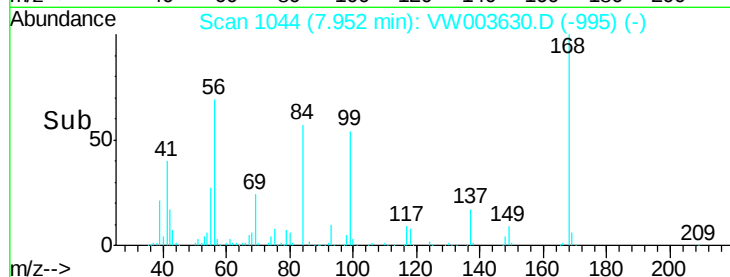
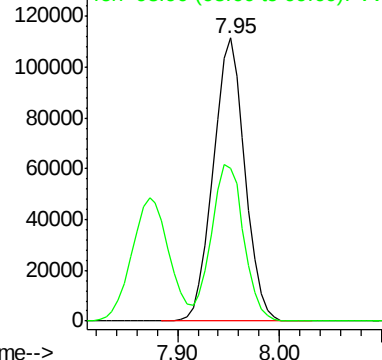
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 52.16 ug/l m

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003630.D

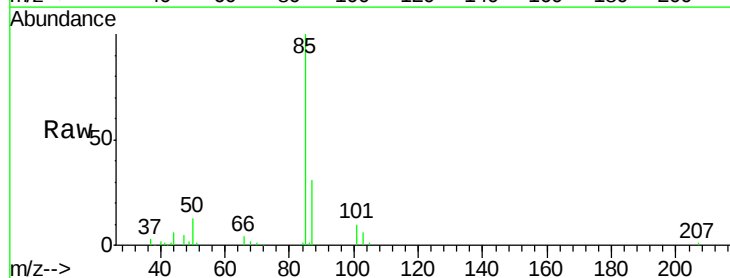
Acq: 28 Jun 2018 11:13

Tgt Ion: 85 Resp: 37752

Ion Ratio Lower Upper

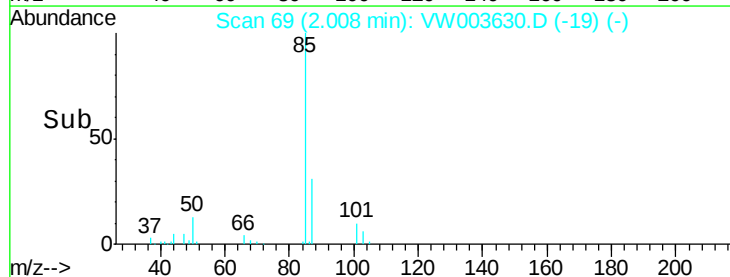
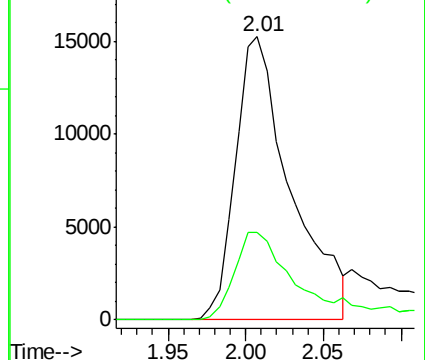
85 100

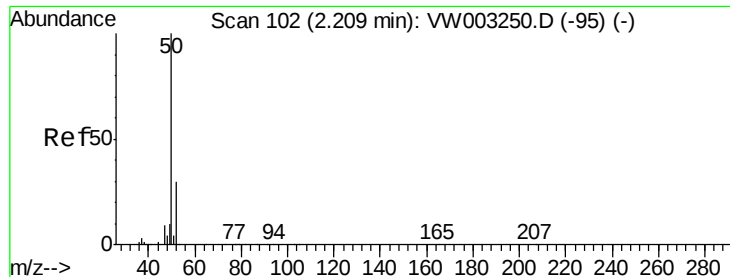
87 31.1 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.62 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 87089

Ion Ratio Lower Upper

50 100

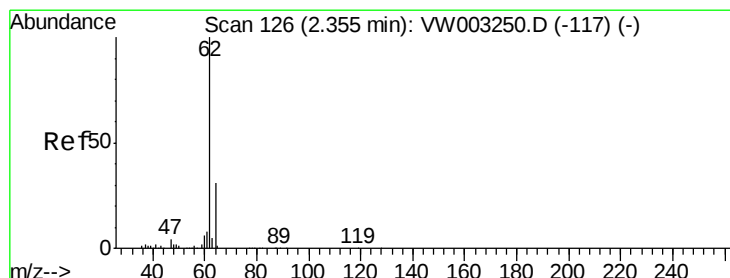
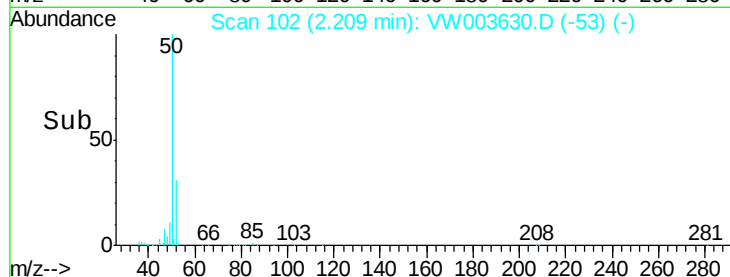
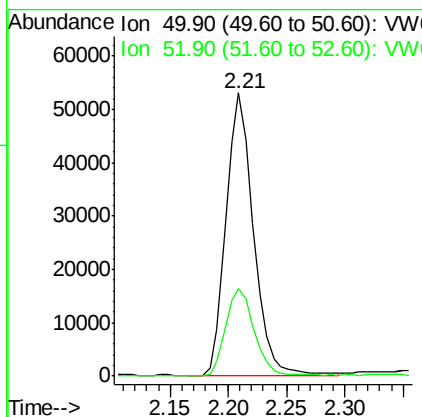
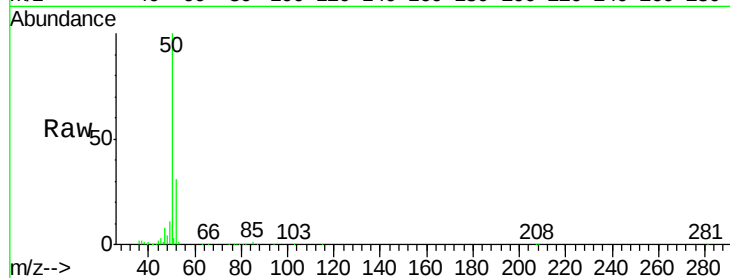
52 31.1 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.68 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003630.D

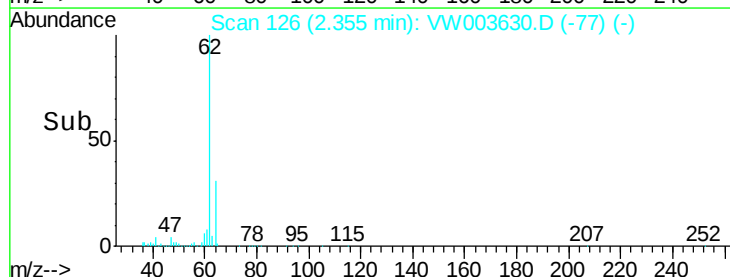
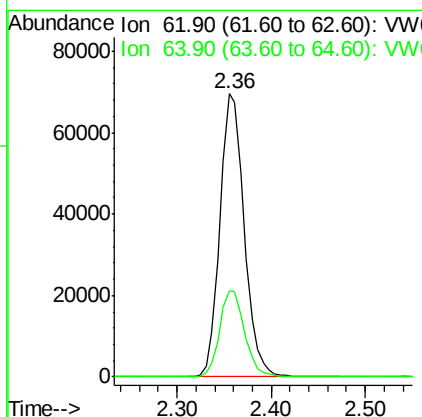
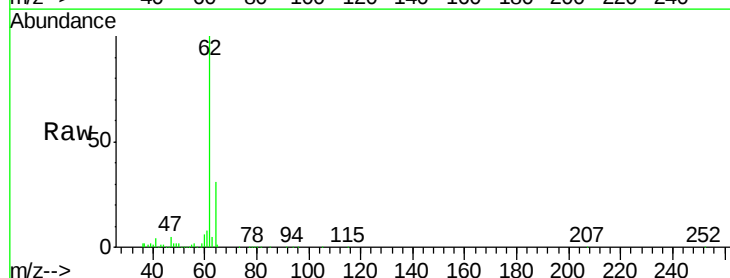
Acq: 28 Jun 2018 11:13

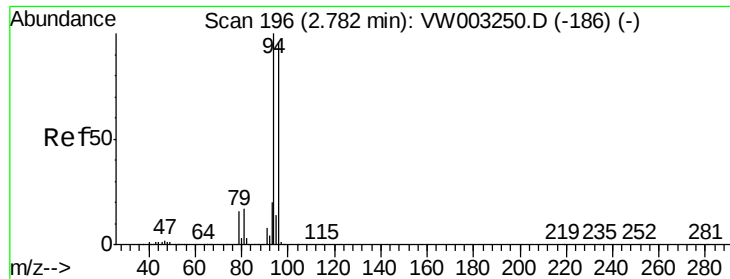
Tgt Ion: 62 Resp: 124449

Ion Ratio Lower Upper

62 100

64 30.5 24.9 37.3





#5

Bromomethane

Concen: 42.55 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 75386

Ion Ratio Lower Upper

94 100

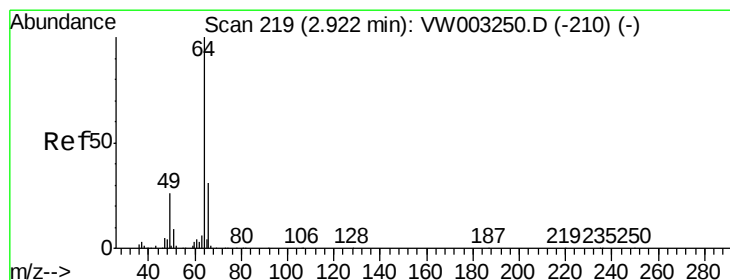
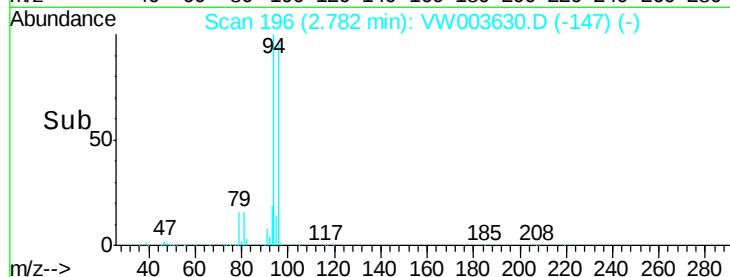
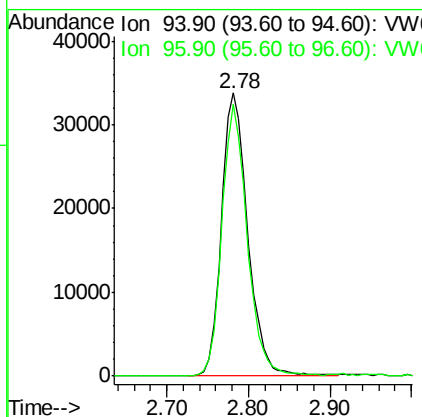
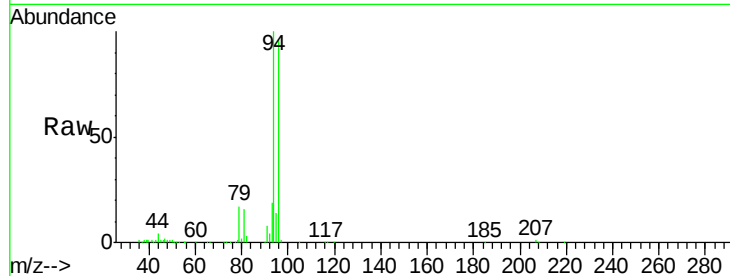
96 95.7 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 43.36 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW003630.D

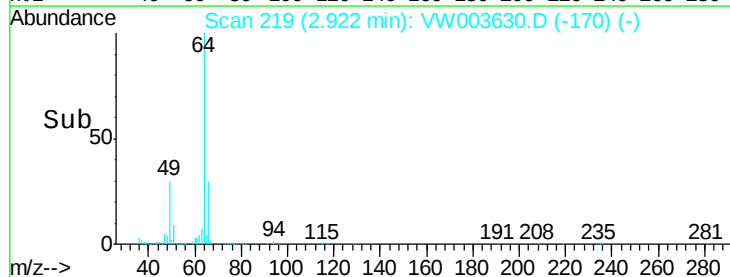
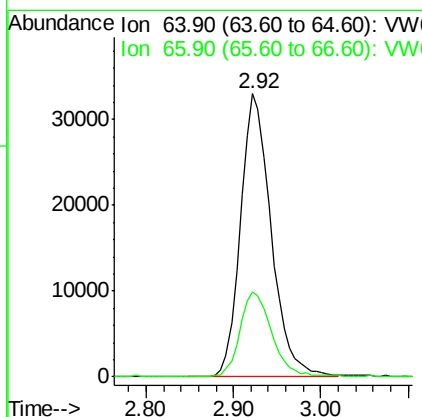
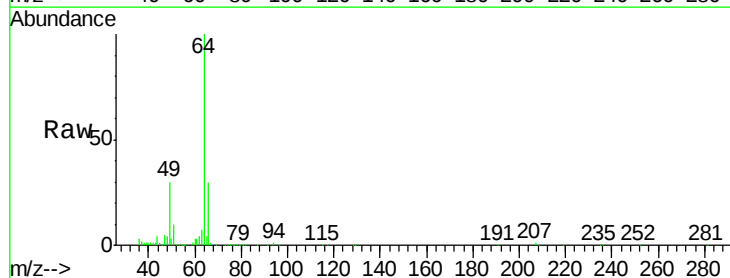
Acq: 28 Jun 2018 11:13

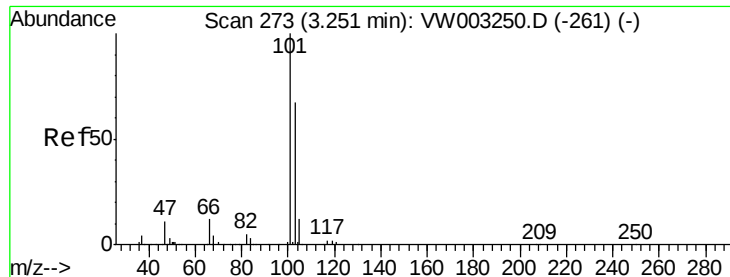
Tgt Ion: 64 Resp: 80462

Ion Ratio Lower Upper

64 100

66 29.7 24.4 36.6





#7

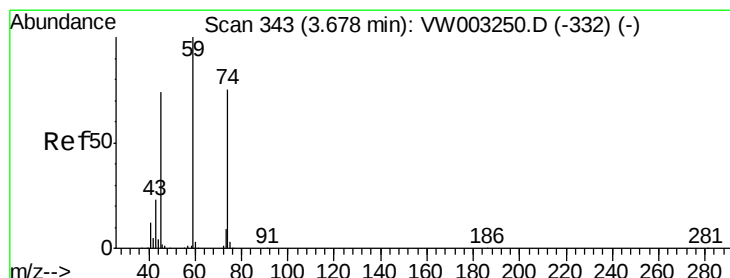
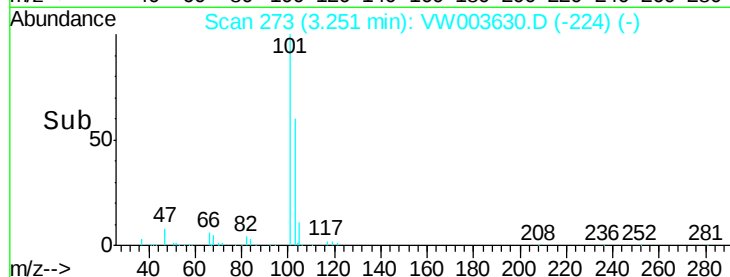
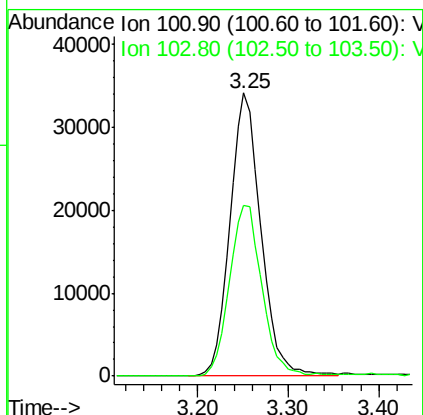
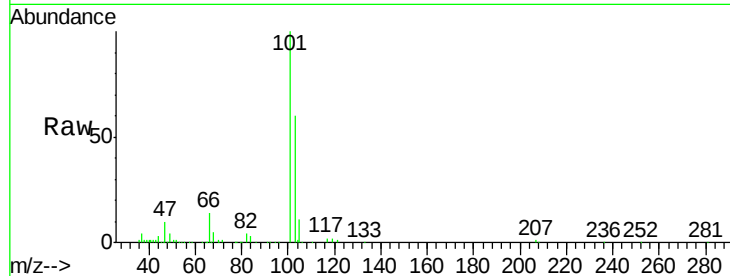
Trichlorofluoromethane
 Concen: 50.67 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. -0.00 min
 Lab File: VW003630.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.3	53.4	80.0

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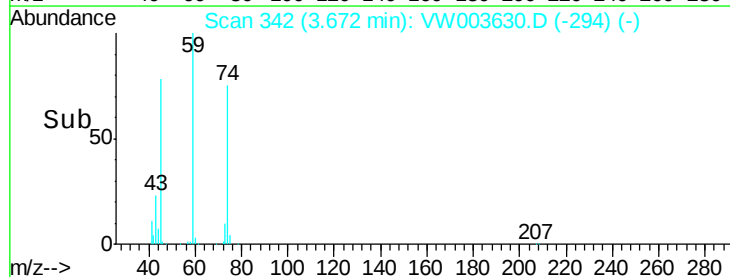
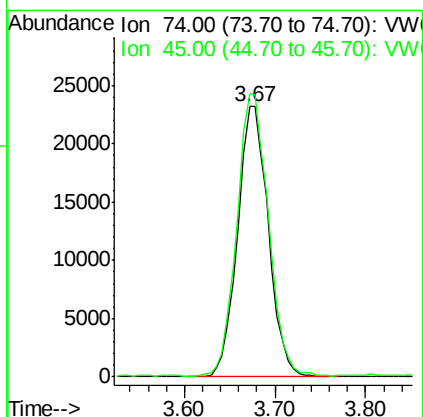
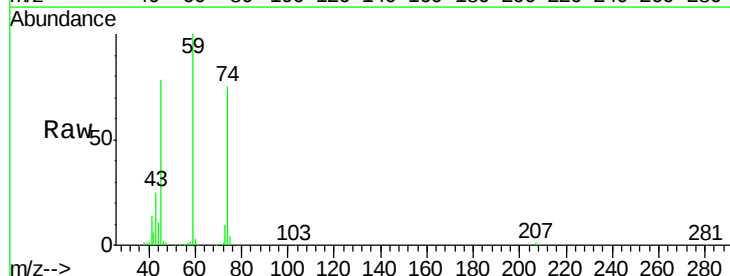
apatel
 6/29/2018 10:21:55 AM

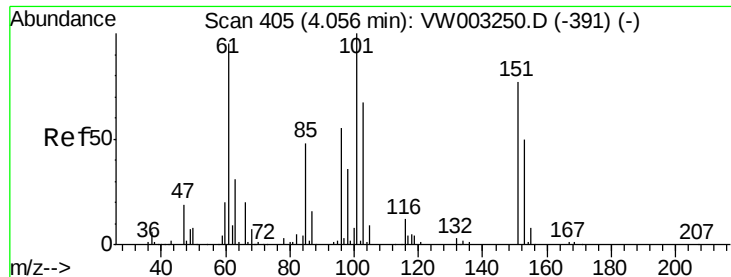


#8

Diethyl Ether
 Concen: 46.45 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.1	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.52 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

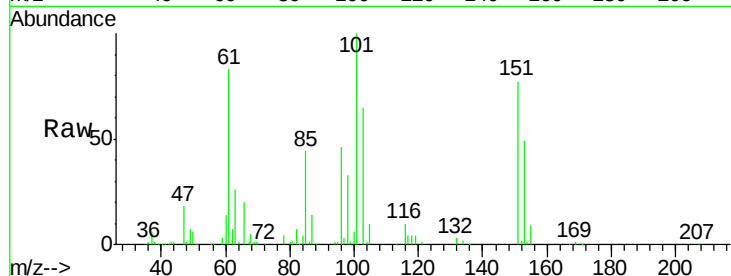
ClientSampleId :

VSTDCCC050

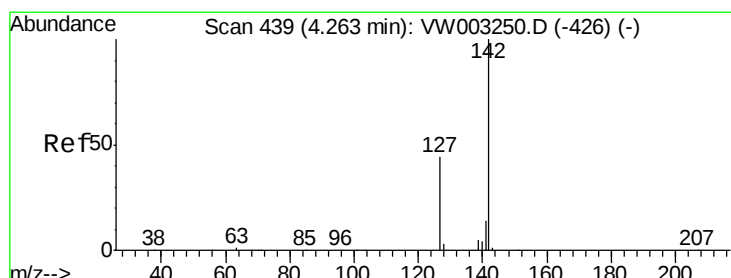
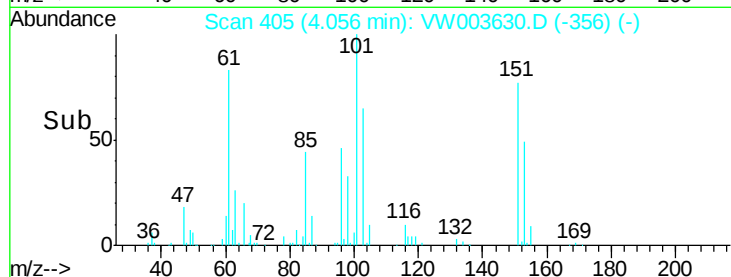
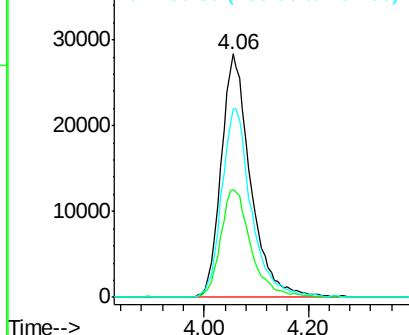
Tot Ion:	101	Resp:	112034
Ion Ratio	Lower	Upper	
101	100		
85	45.5	37.0	55.6
151	78.1	63.3	94.9

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



#10

Methyl Iodide

Concen: 49.24 ug/l

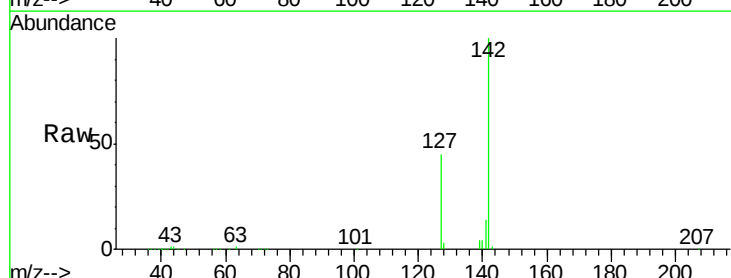
RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

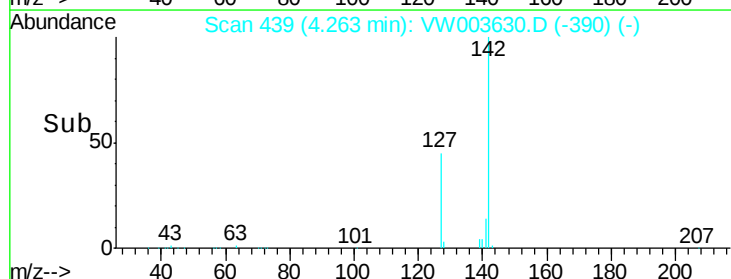
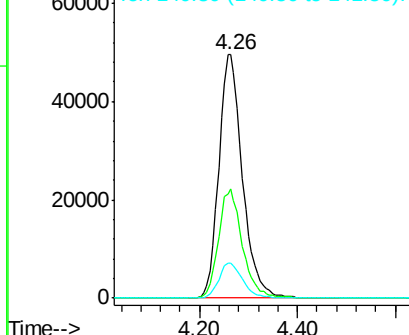
Lab File: VW003630.D

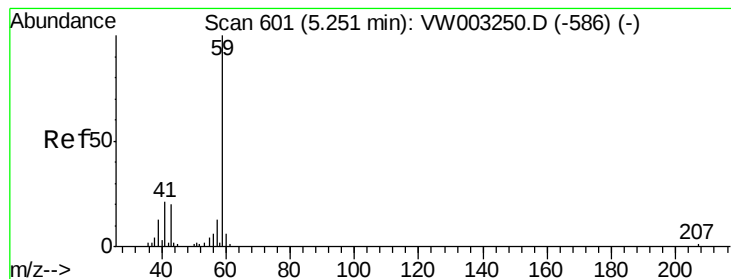
Acq: 28 Jun 2018 11:13

Tgt Ion:	142	Resp:	165157
Ion Ratio	Lower	Upper	
142	100		
127	45.1	36.5	54.7
141	14.6	12.1	18.1



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





#11

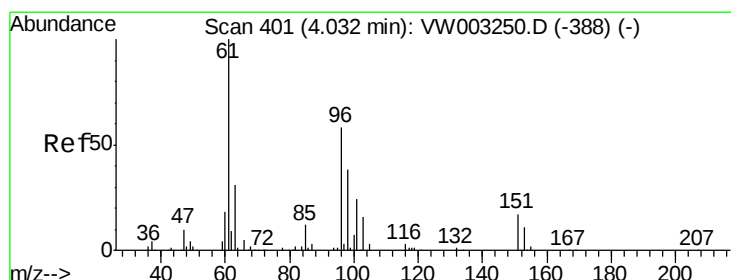
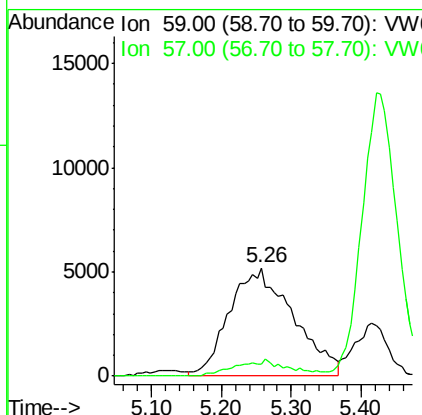
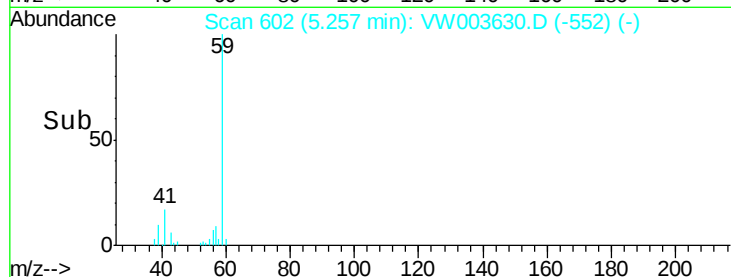
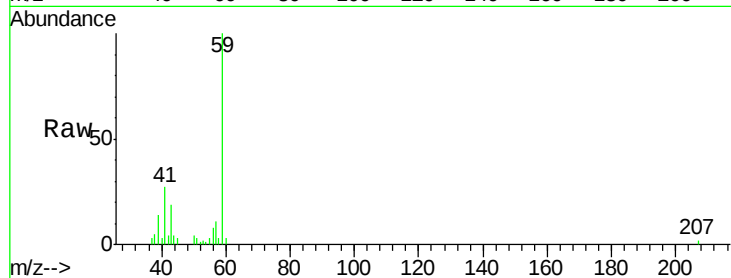
Tert butyl alcohol
Concen: 237.70 ug/l
RT: 5.26 min Scan# 602
Delta R.T. 0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	Lower	Upper
33057	100	12.3		4.2	6.2#

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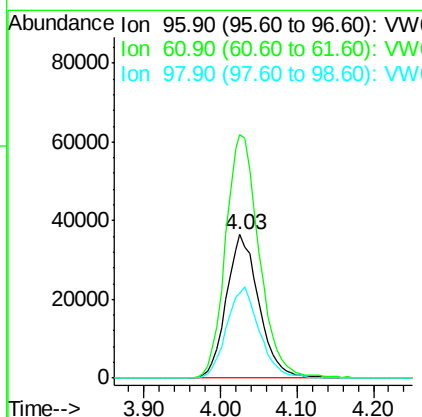
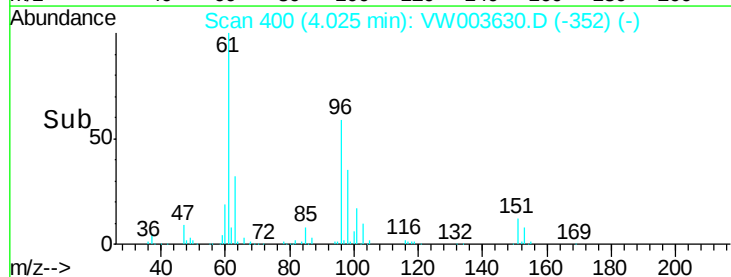
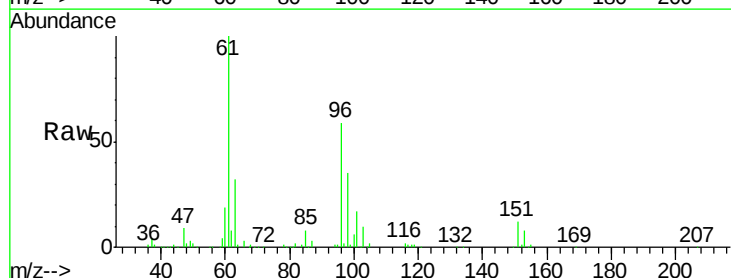
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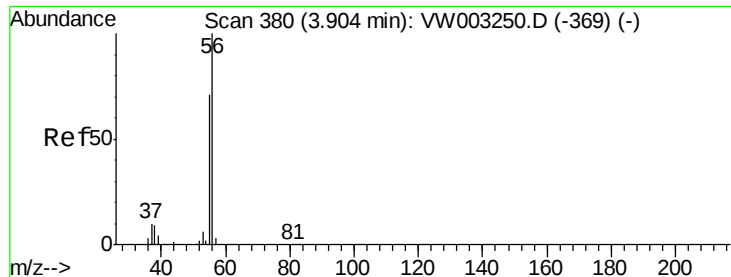


#12

1,1-Dichloroethene
Concen: 49.70 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	96	61	98	Ratio	Lower	Upper
107712	100	169.6	59.3		139.0	208.4
					53.3	79.9





#13

Acrolein

Concen: 227.50 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 45235

Ion Ratio Lower Upper

56 100

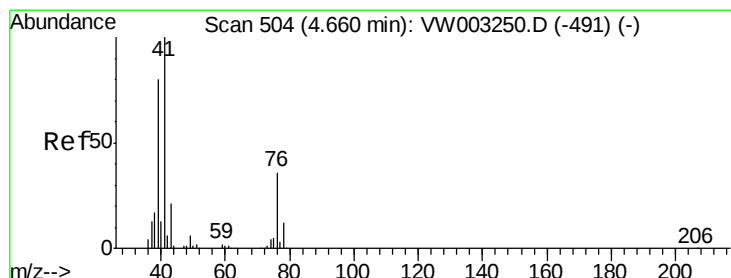
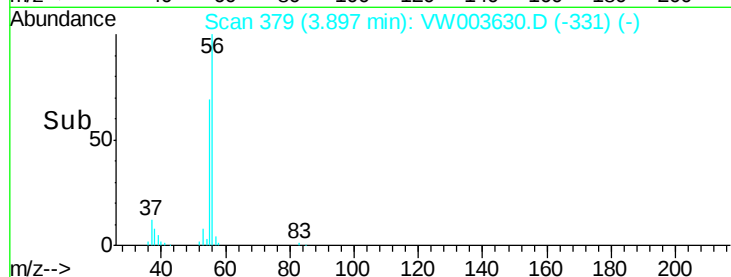
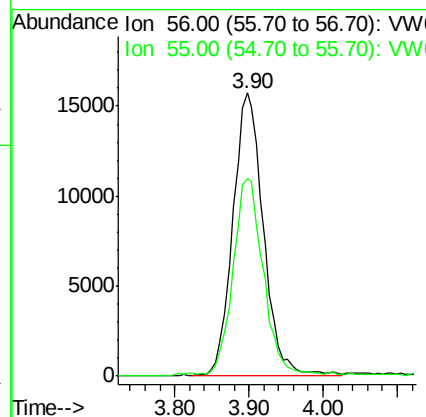
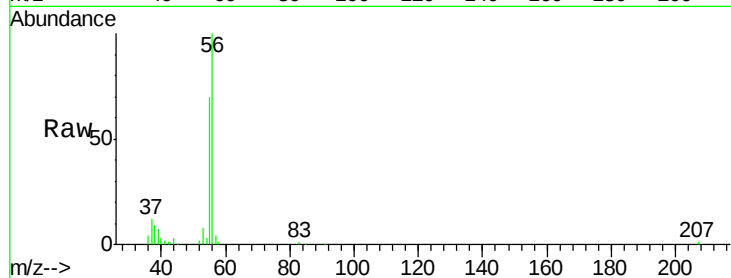
55 68.1 55.4 83.2

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#14

Allyl chloride

Concen: 50.94 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

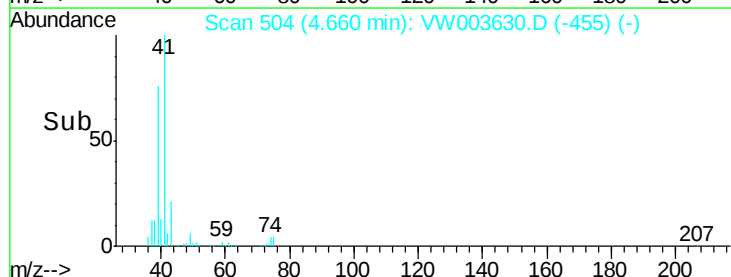
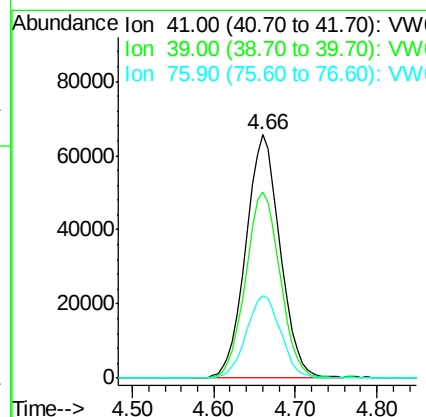
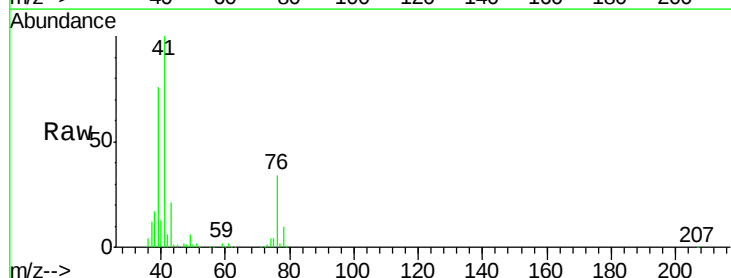
Tgt Ion: 41 Resp: 191242

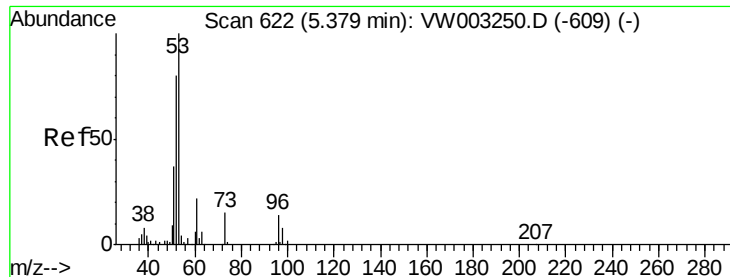
Ion Ratio Lower Upper

41 100

39 76.7 63.2 94.8

76 34.2 28.0 42.0





#15

Acrylonitrile

Concen: 252.47 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

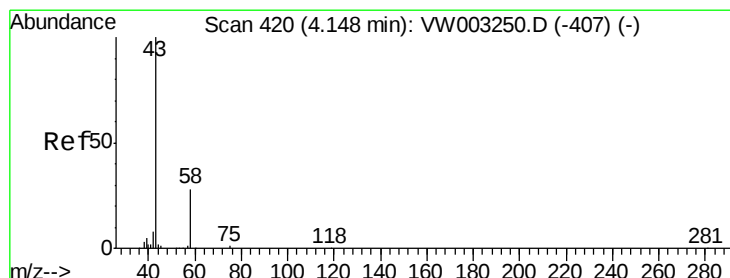
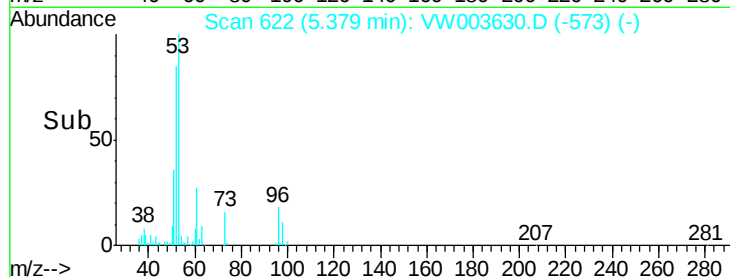
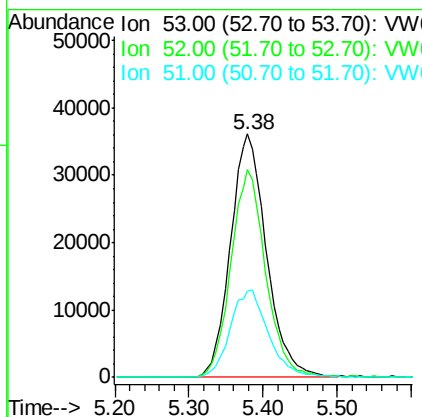
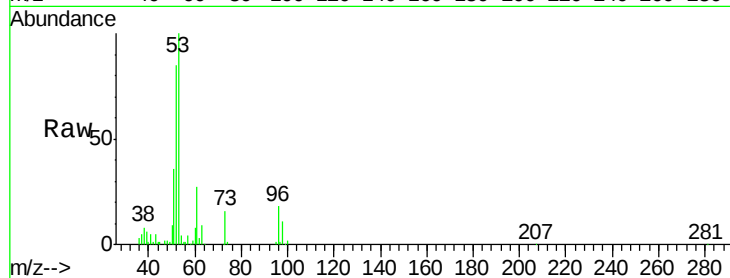
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	121868
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.6	100.0
51	38.4	30.6	46.0

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#16

Acetone

Concen: 266.58 ug/l

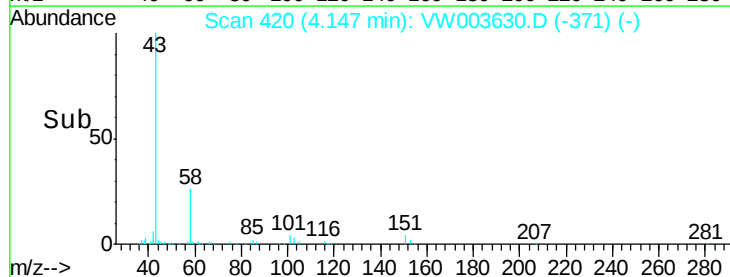
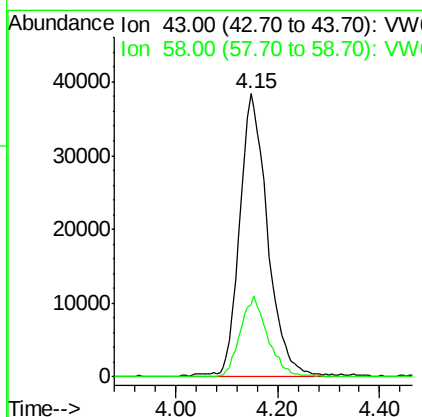
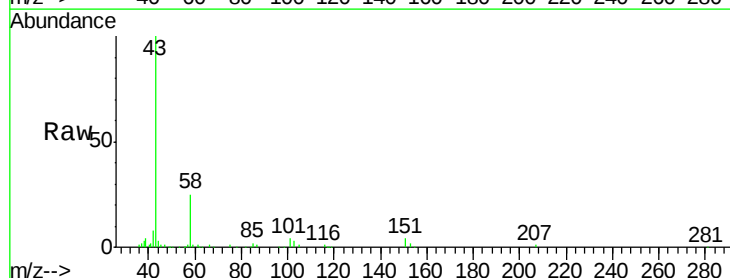
RT: 4.15 min Scan# 420

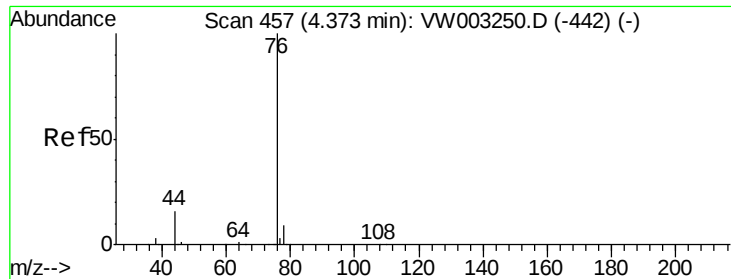
Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion:	43	Resp:	144979
Ion Ratio	Lower	Upper	
43	100		
58	25.3	22.6	34.0





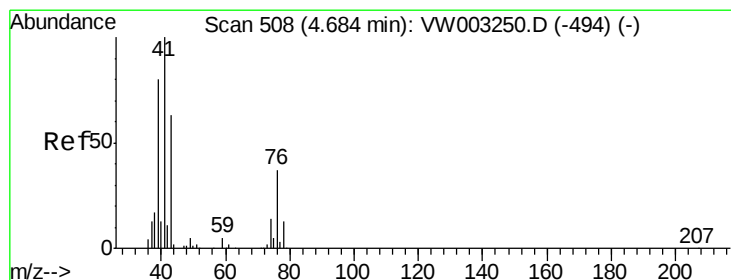
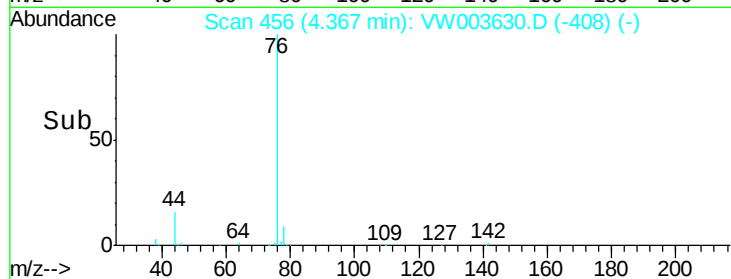
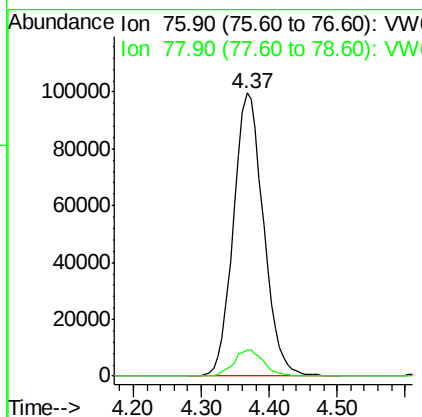
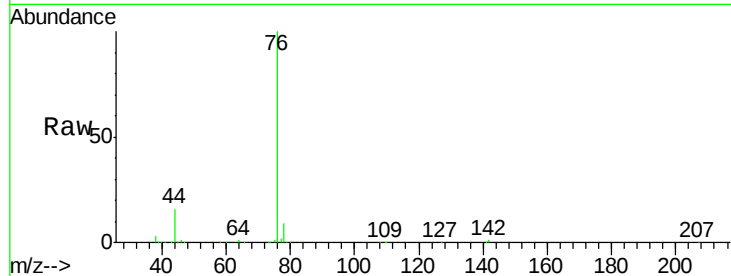
#17
Carbon Disulfide
Concen: 47.72 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

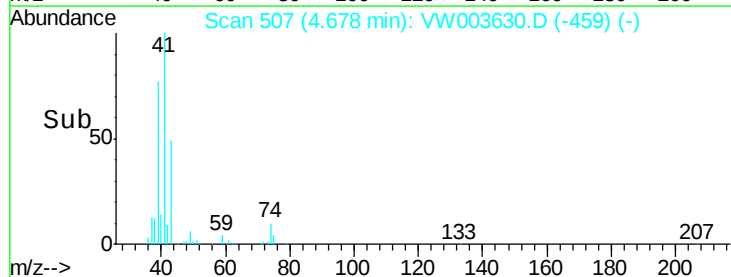
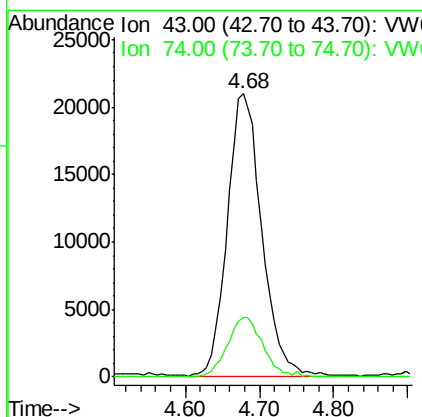
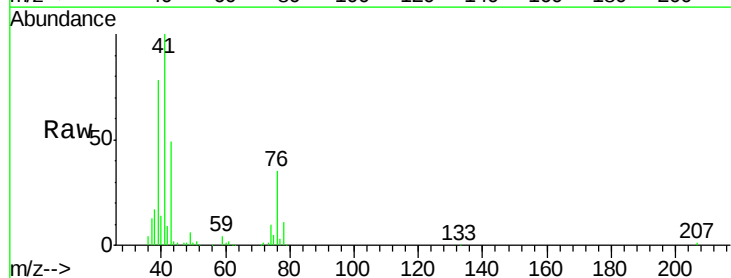
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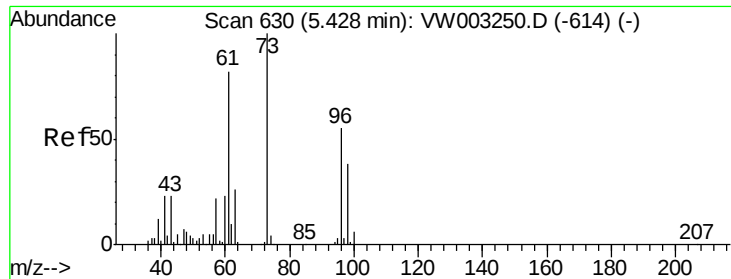
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#18
Methyl Acetate
Concen: 52.32 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	18.7	28.1





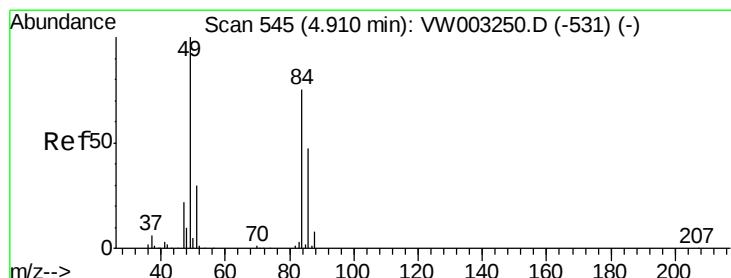
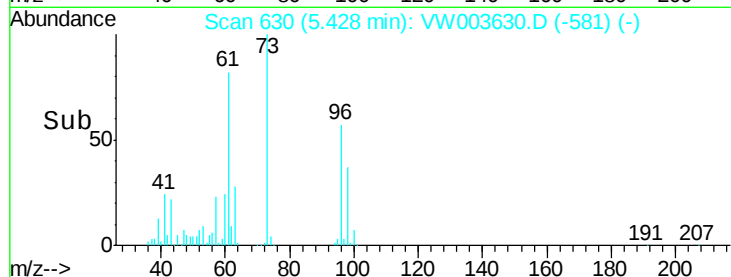
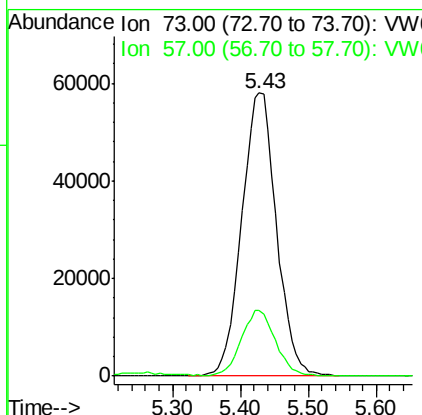
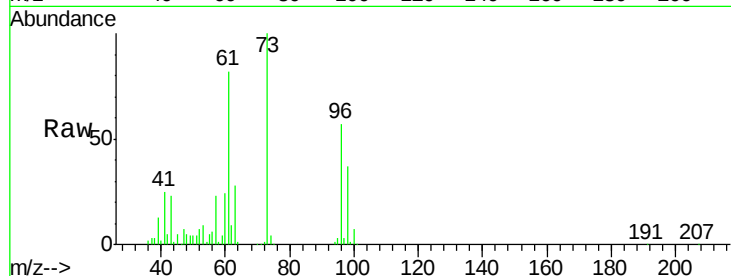
#19
Methvl tert-butvl Ether
Concen: 50.86 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 206440
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0

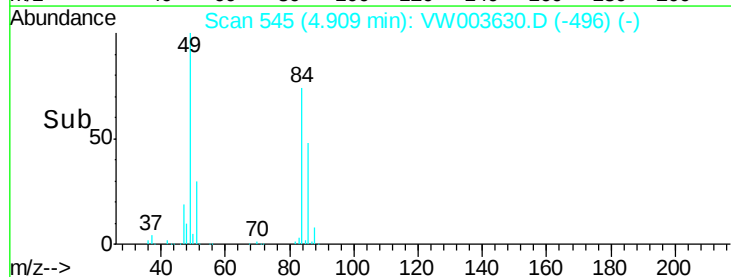
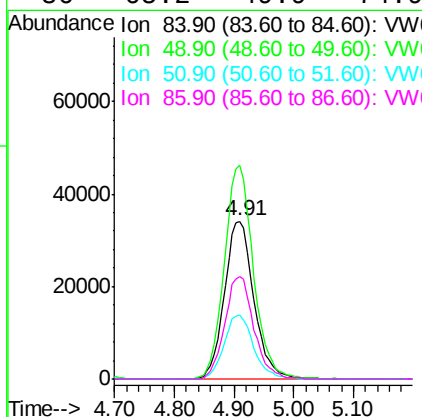
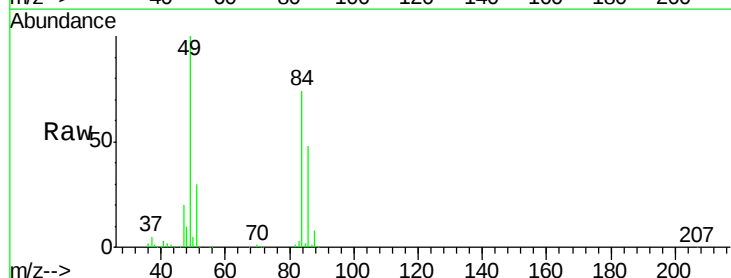
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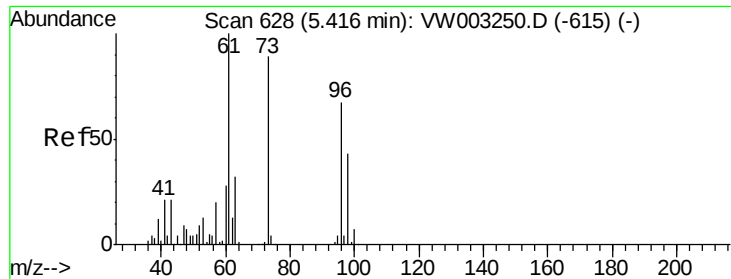
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#20
Methylene Chloride
Concen: 50.73 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 84 Resp: 117084
Ion Ratio Lower Upper
84 100
49 135.5 106.3 159.5
51 40.2 32.0 48.0
86 65.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.06 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

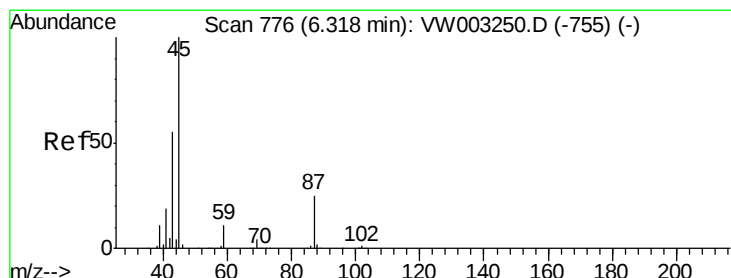
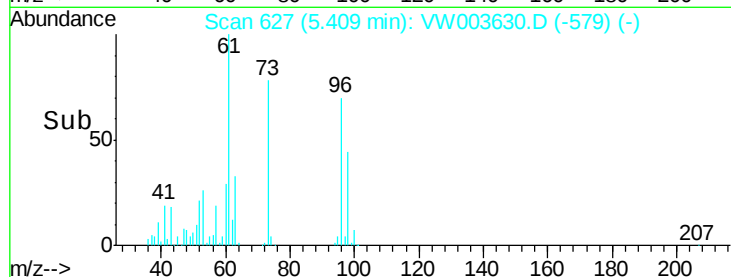
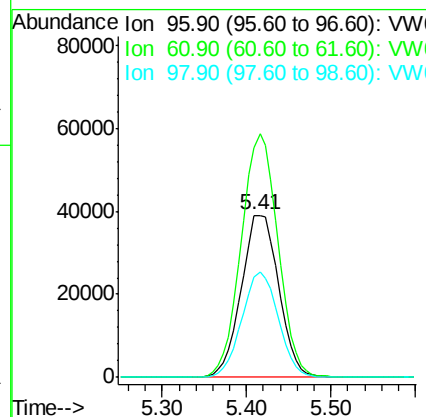
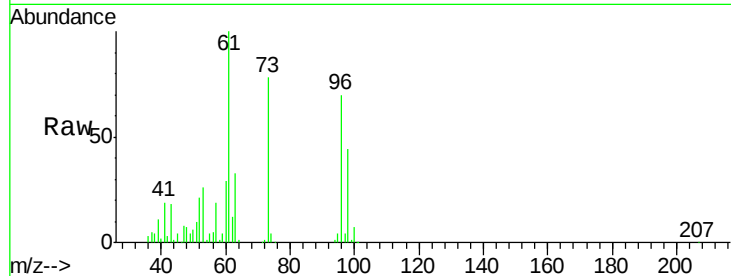
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	118069
Ion	Ratio	Lower	Upper
96	100		
61	141.7	118.7	178.1
98	61.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 52.56 ug/l

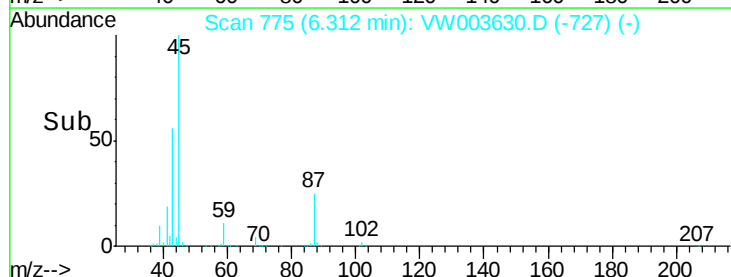
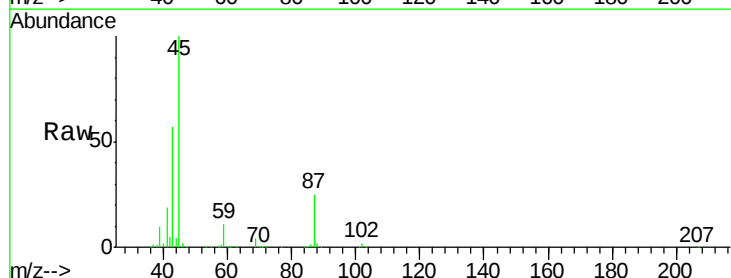
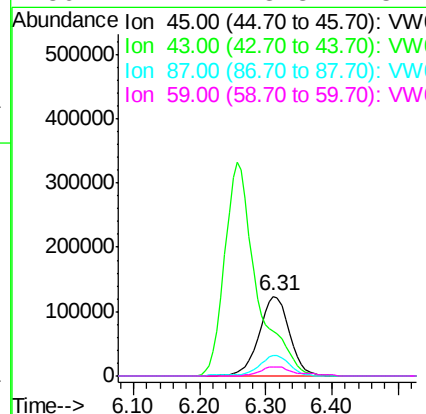
RT: 6.31 min Scan# 775

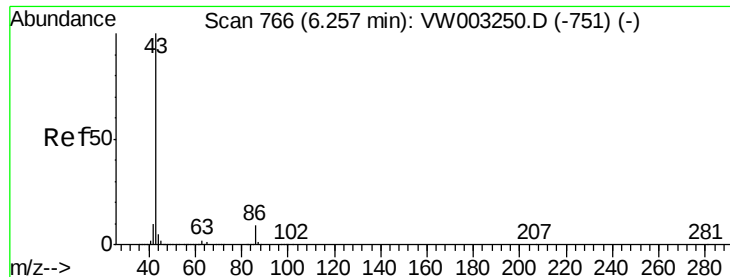
Delta R.T. -0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion:	45	Resp:	397094
Ion	Ratio	Lower	Upper
45	100		
43	56.3	44.0	66.0
87	25.2	20.6	31.0
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 254.90 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1109788

Ion Ratio Lower Upper

43 100

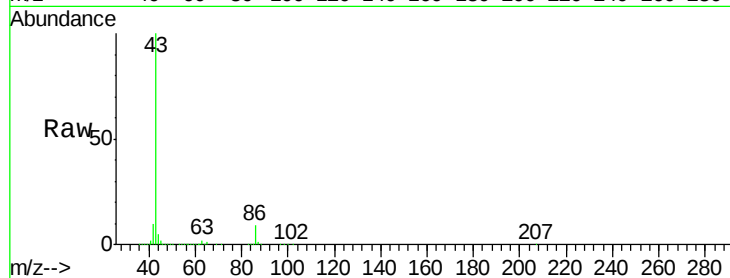
86 9.1 7.5 11.3

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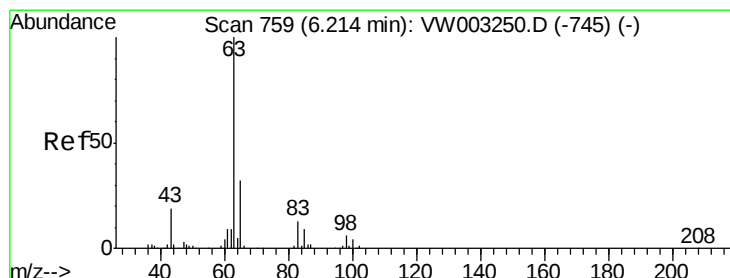
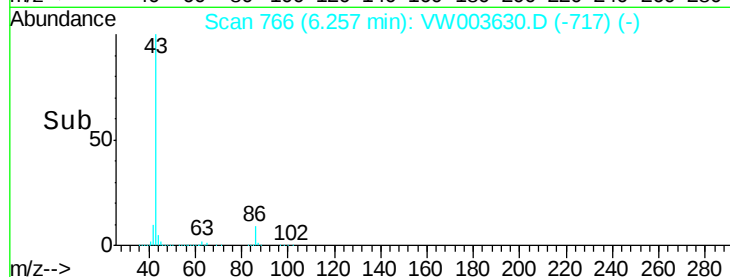
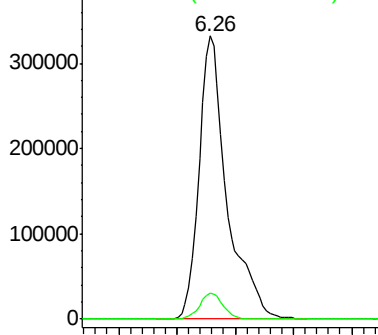
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.35 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

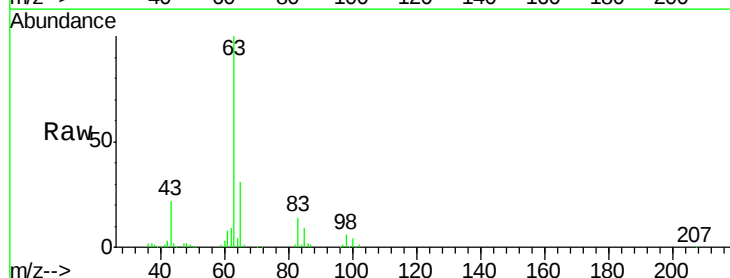
Tgt Ion: 63 Resp: 230307

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.3

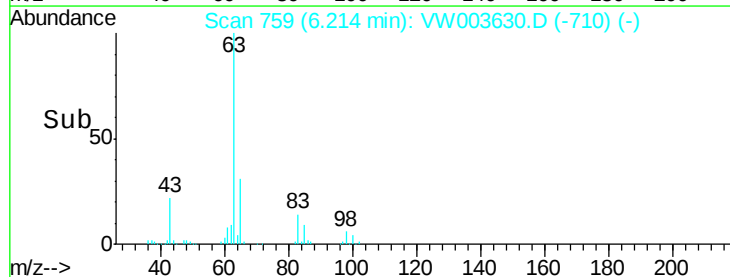
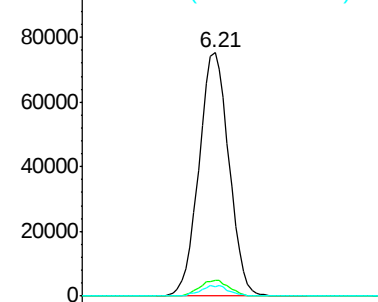
100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 262.32 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 177400

Ion Ratio Lower Upper

43 100

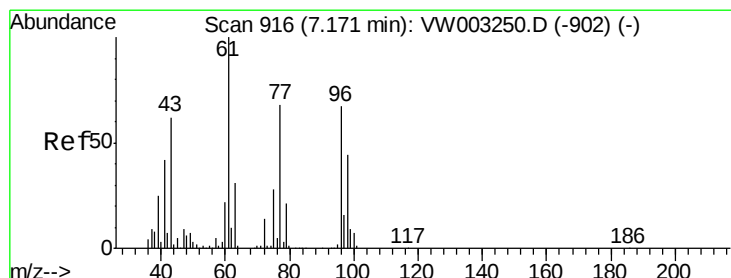
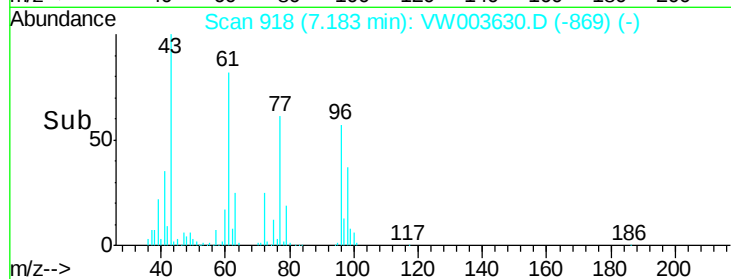
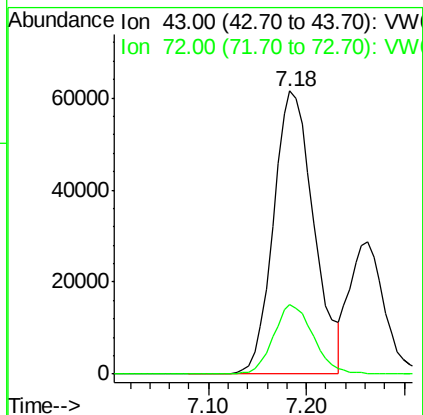
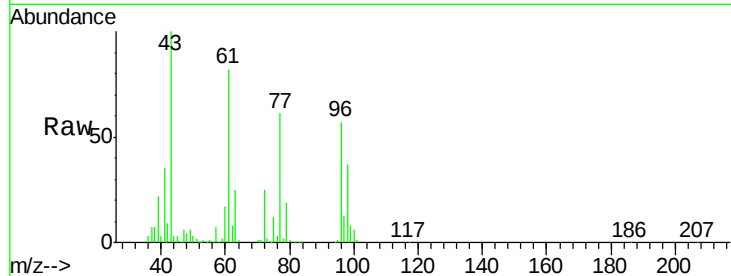
72 24.8 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.16 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003630.D

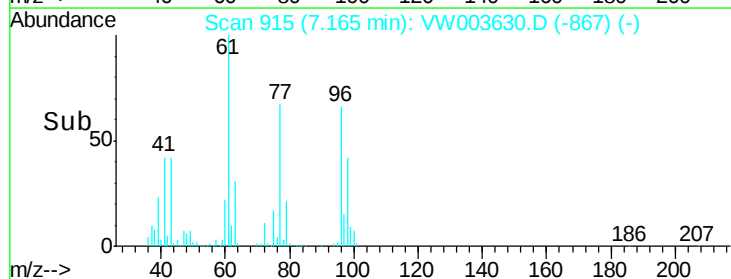
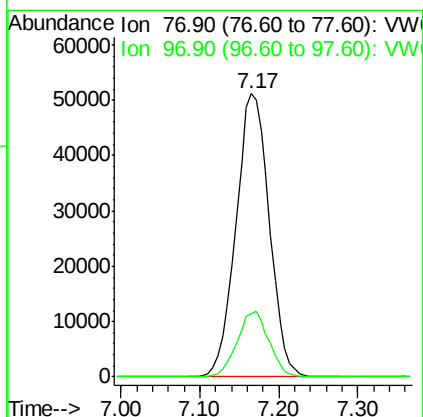
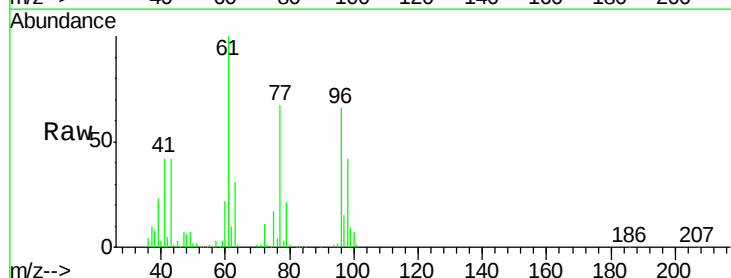
Acq: 28 Jun 2018 11:13

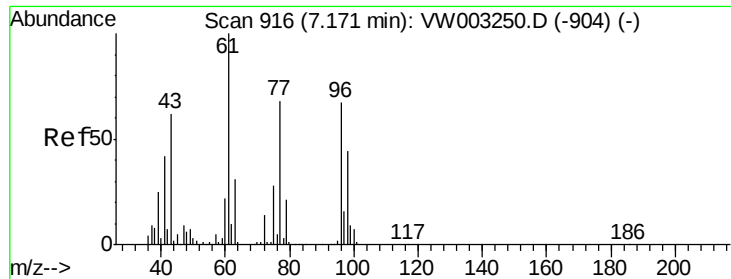
Tgt Ion: 77 Resp: 150134

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.9





#27

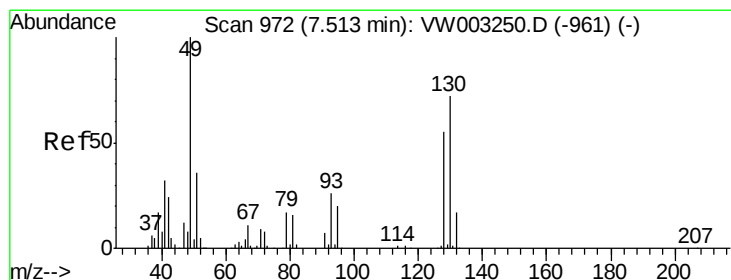
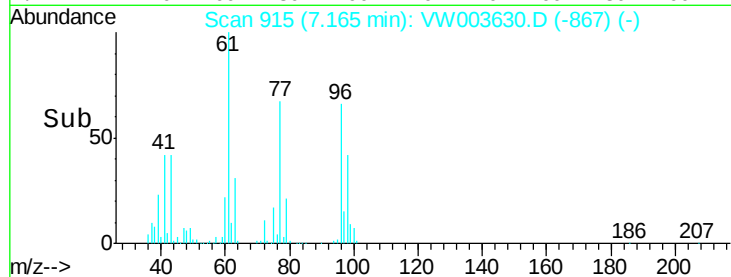
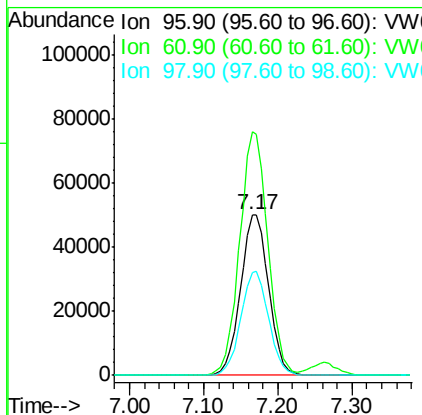
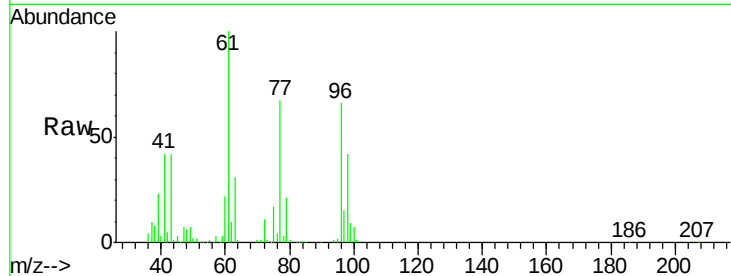
cis-1,2-Dichloroethene
 Concen: 51.13 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.8	0.0	298.8
98	64.0	0.0	130.4

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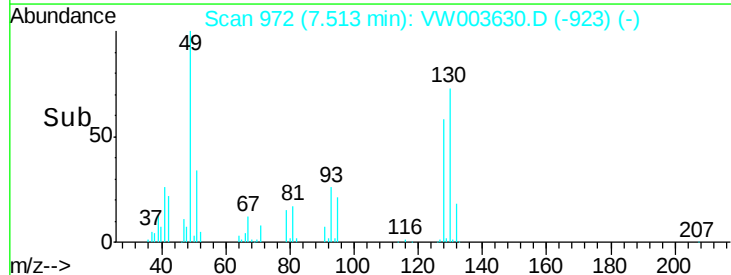
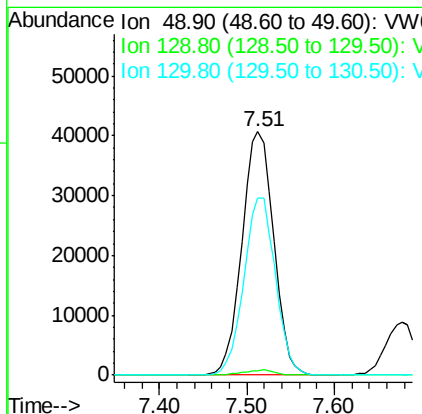
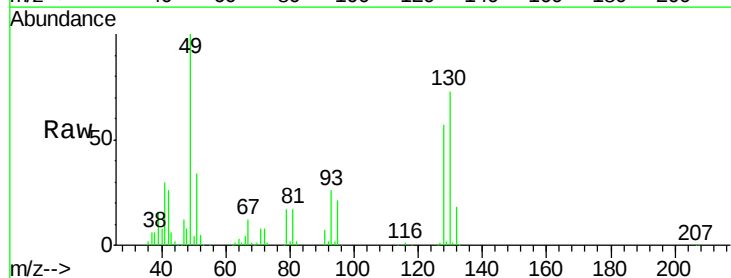
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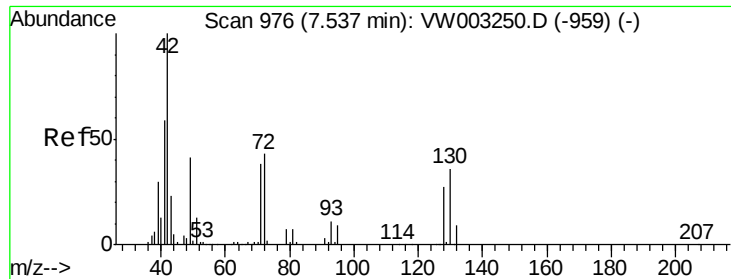


#28

Bromochloromethane
 Concen: 55.13 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	72.3	59.4	89.2





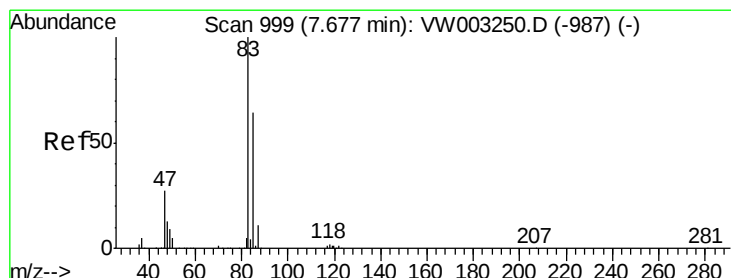
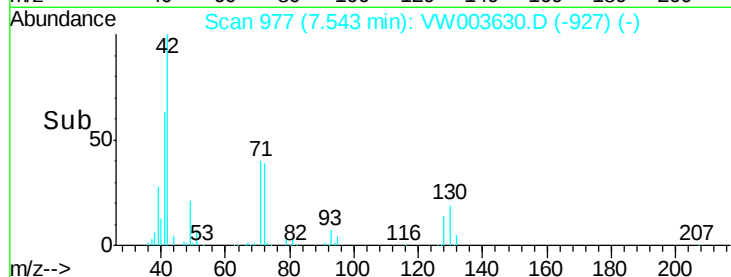
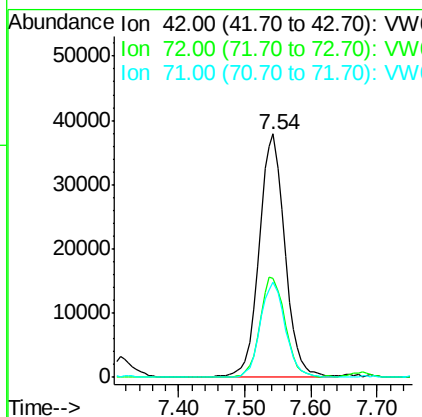
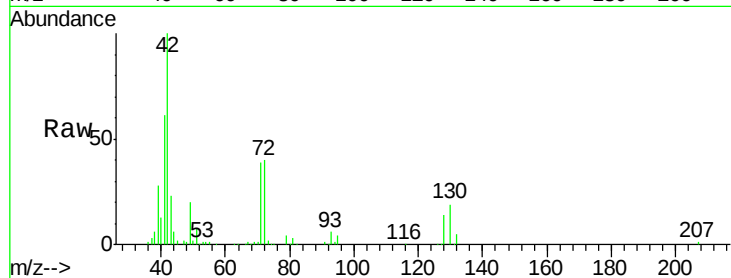
#29
Tetrahydrofuran
Concen: 248.76 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.4	48.6
71	37.9	31.2	46.8

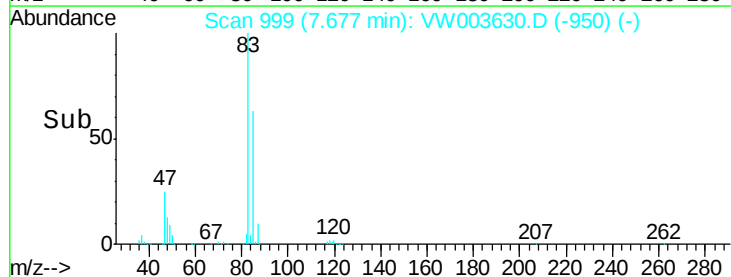
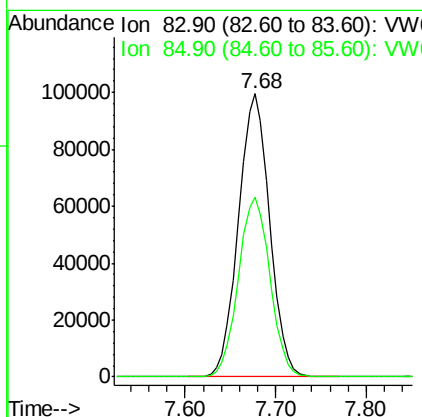
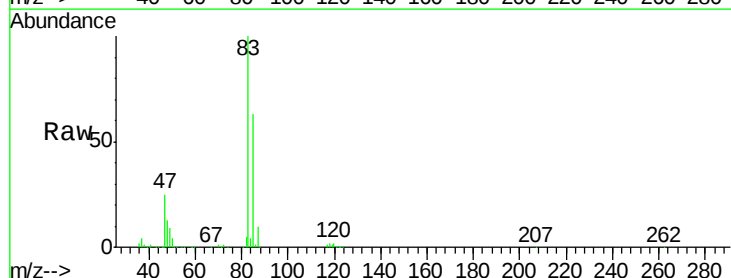
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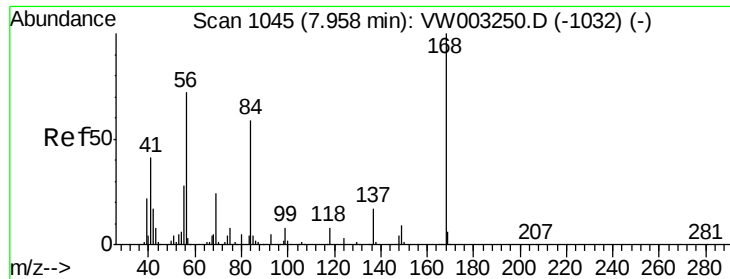
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#30
Chloroform
Concen: 51.96 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.3	76.9





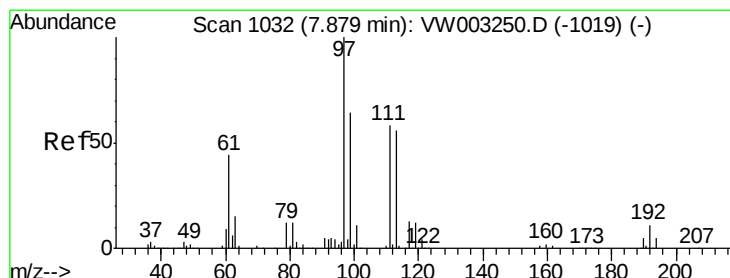
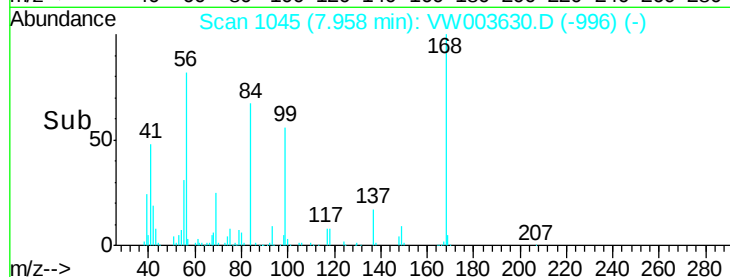
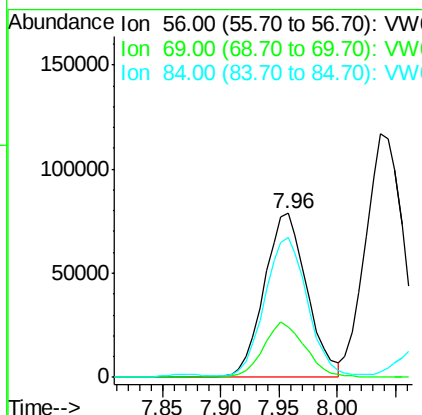
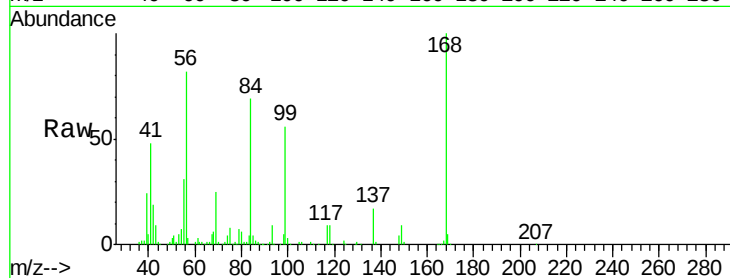
#31
Cyclohexane
Concen: 47.86 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	26.3	39.5
84	83.7	65.7	98.5

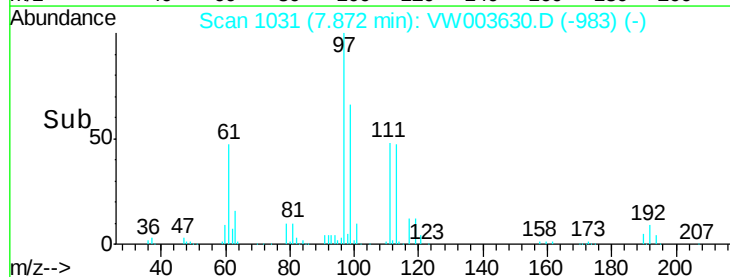
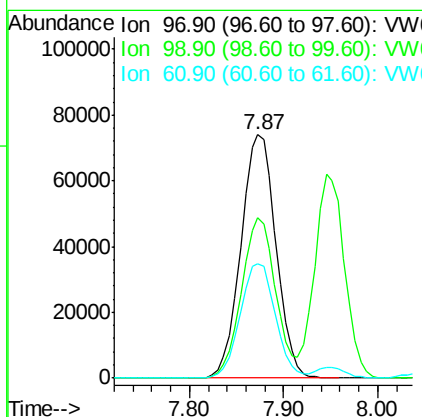
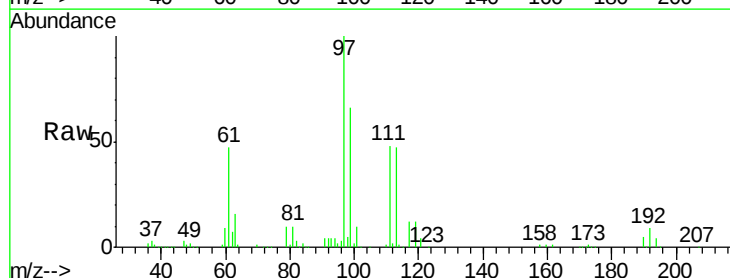
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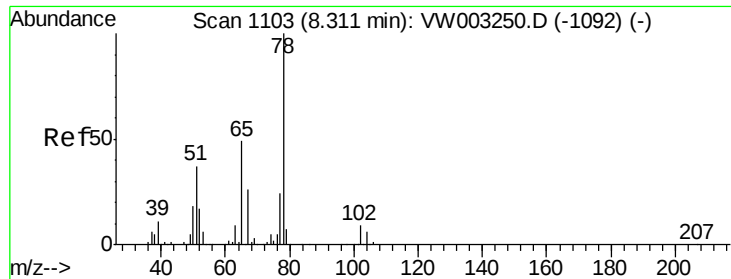
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#32
1,1,1-Trichloroethane
Concen: 51.04 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.7	77.5
61	47.3	37.6	56.4





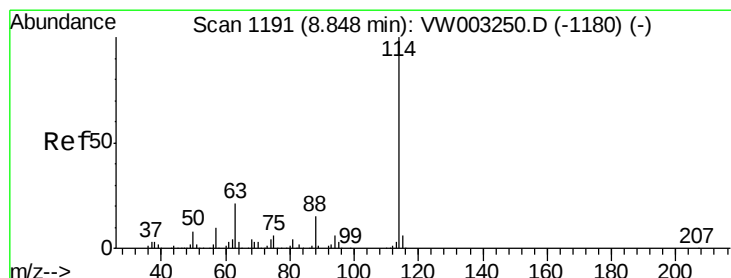
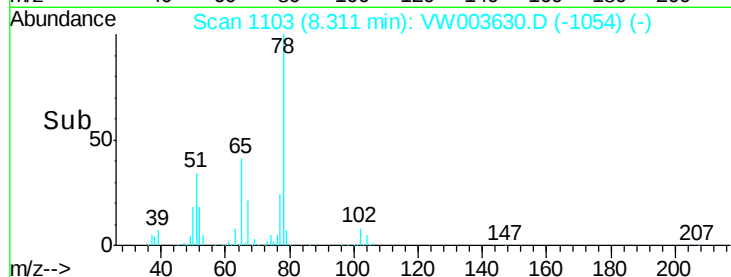
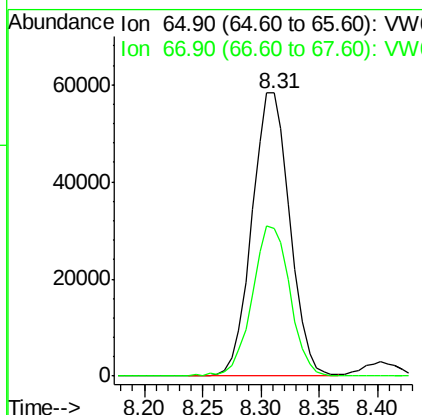
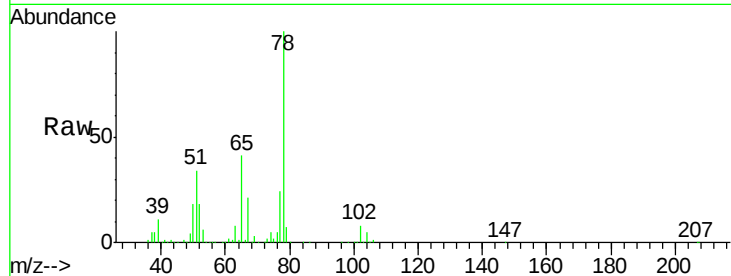
#33
 1,2-Dichloroethane-d4
 Concen: 50.95 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132123		
67	53.0	0.0	104.2	

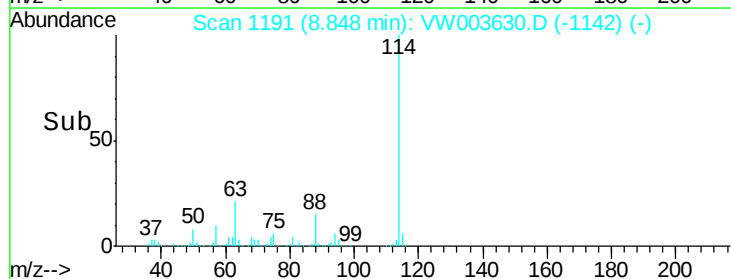
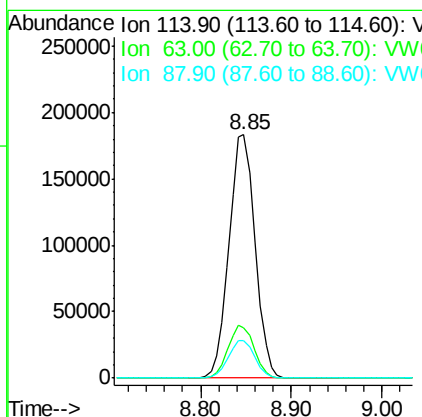
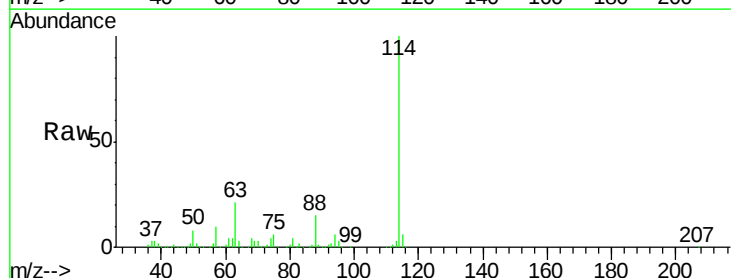
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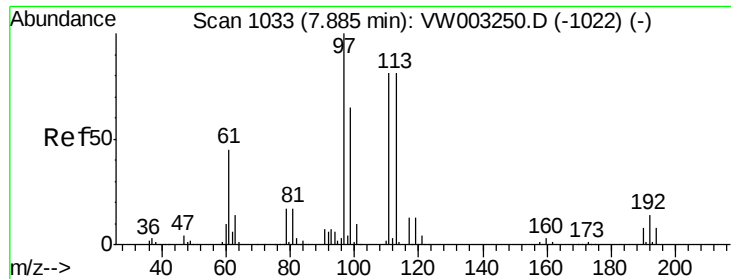
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	366102		
63	20.9	0.0	43.0	
88	15.5	0.0	29.6	





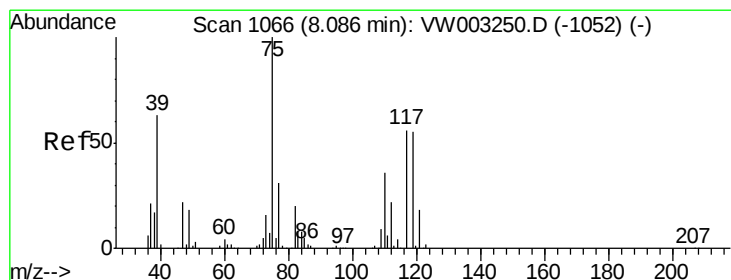
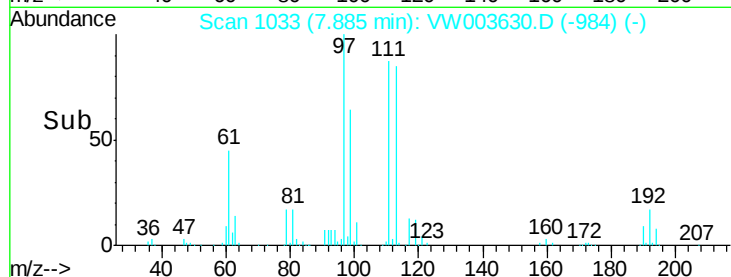
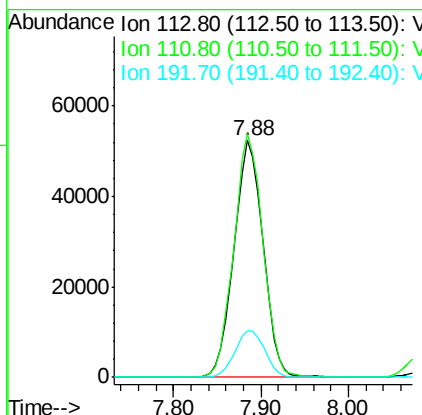
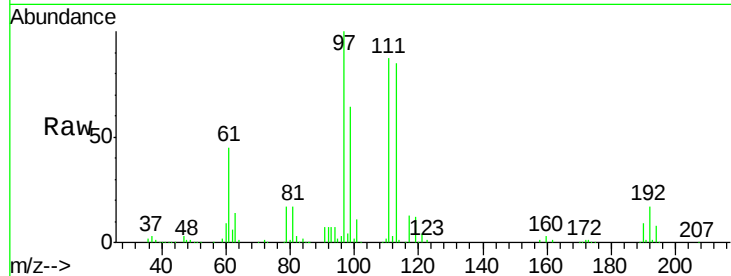
#35
 Dibromofluoromethane
 Concen: 53.33 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121308		
111	102.9	82.2	123.2	
192	20.2	16.2	24.2	

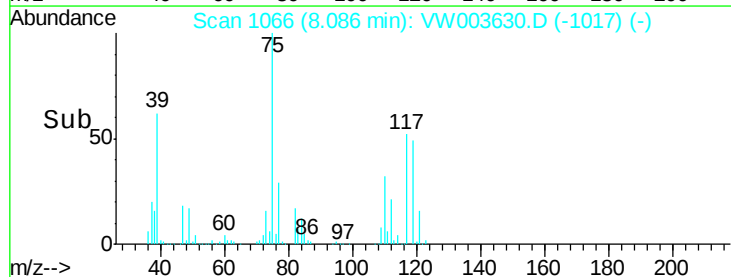
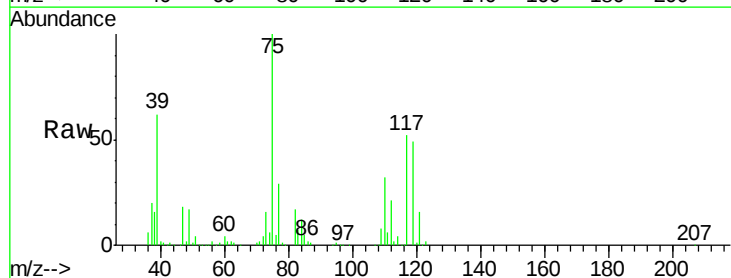
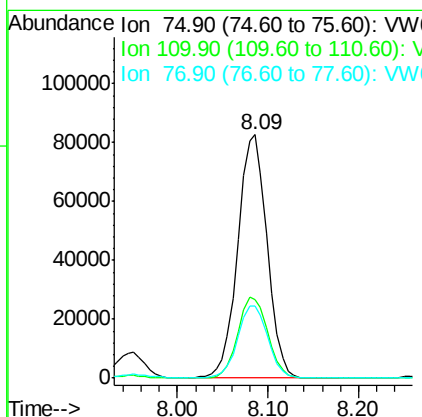
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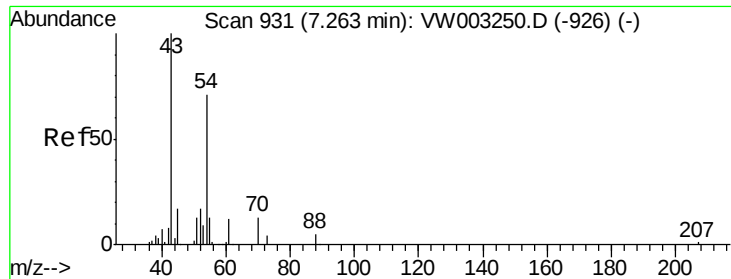
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#36
 1,1-Dichloropropene
 Concen: 52.46 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	185470		
110	33.8	17.1	51.3	
77	30.8	24.9	37.3	





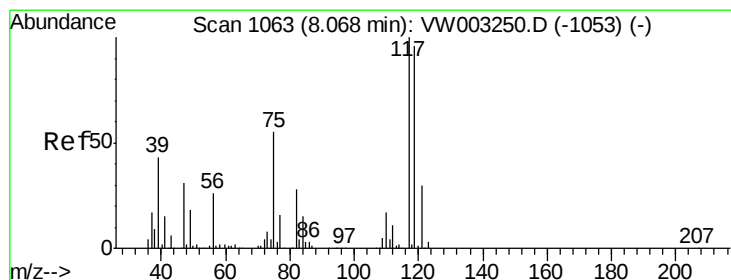
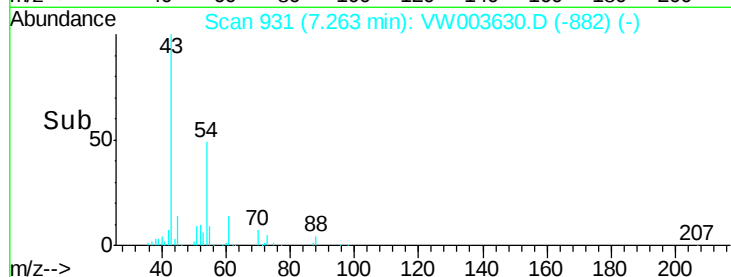
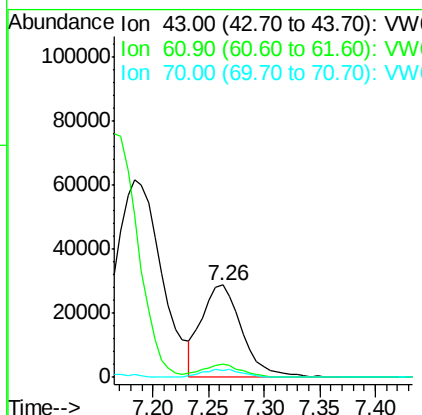
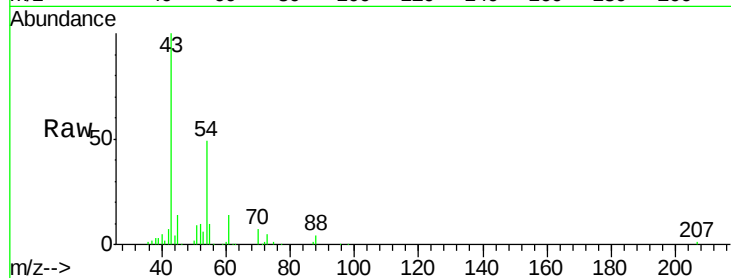
#37
Ethyl Acetate
Concen: 48.85 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.8	16.2
70	8.9	7.8	11.6

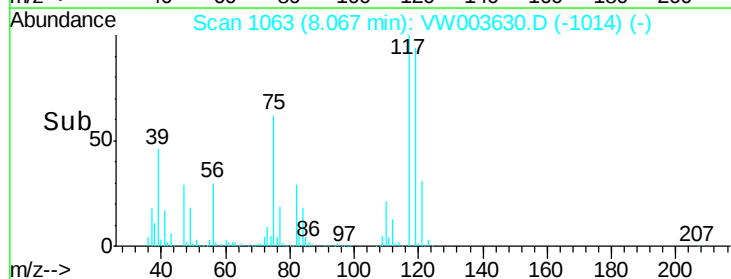
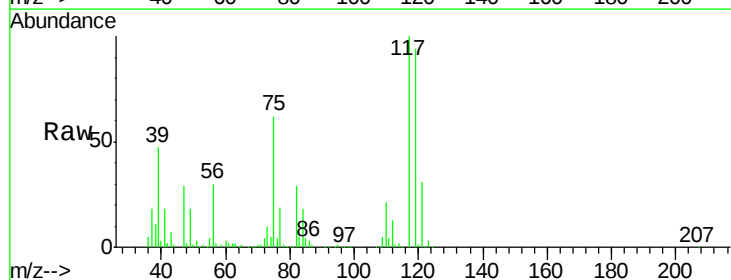
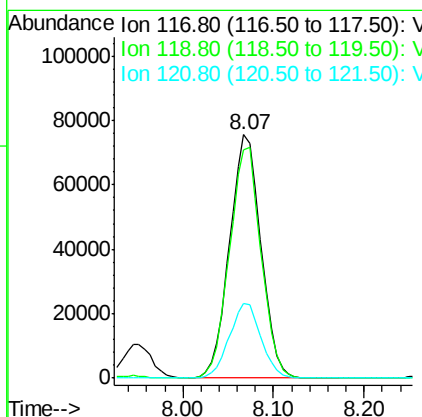
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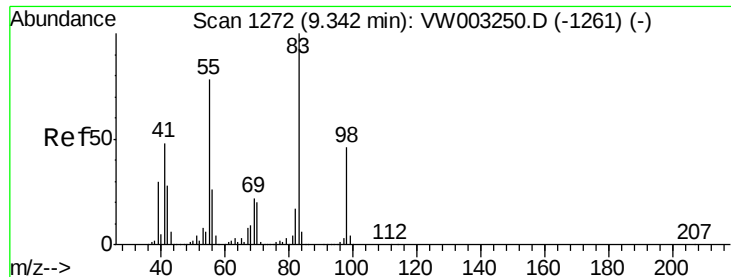
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#38
Carbon Tetrachloride
Concen: 52.34 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.6	115.0
121	30.7	23.9	35.9





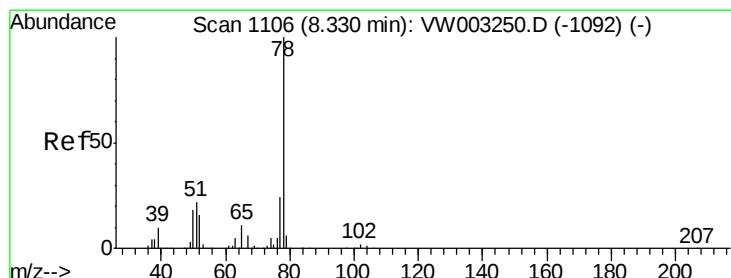
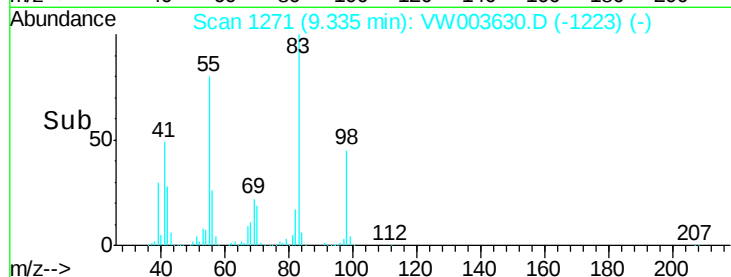
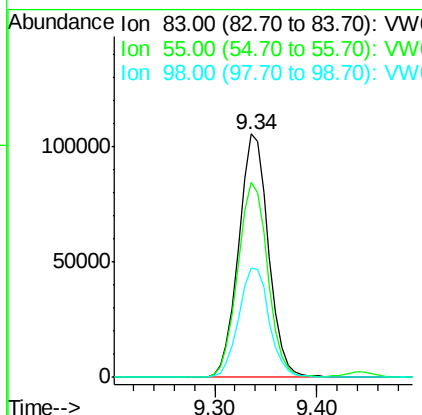
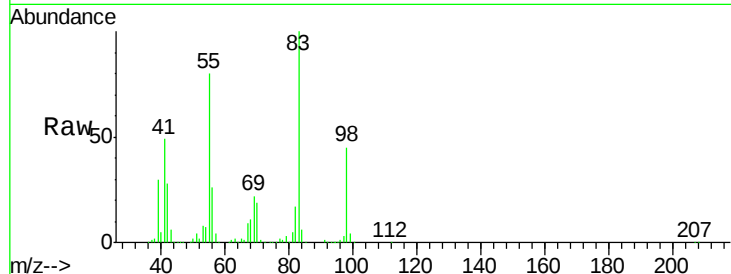
#39
Methvlcvclohexane
Concen: 52.23 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	213689		
55	79.9		62.6	93.8
98	44.8		37.0	55.4

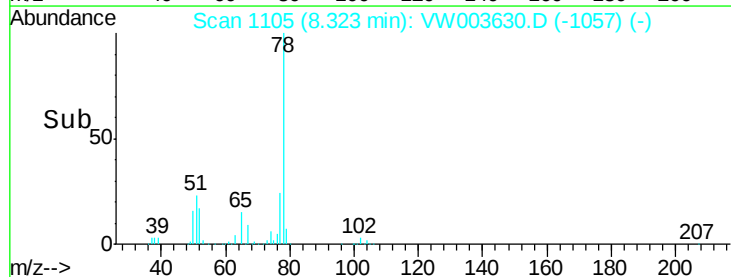
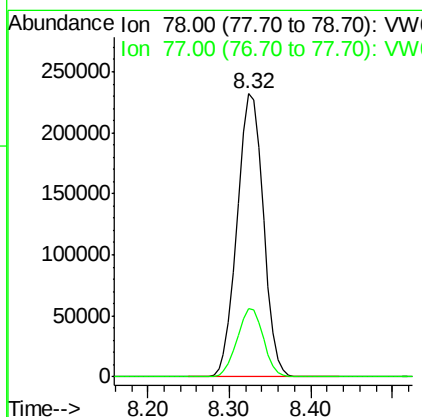
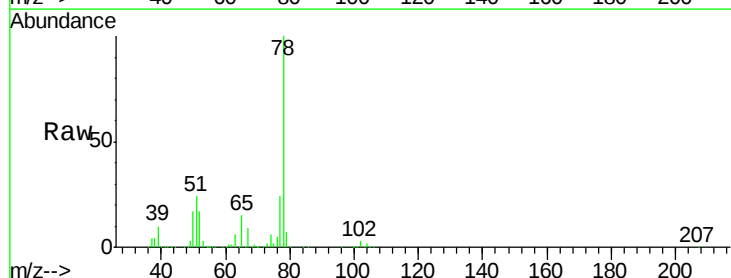
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#40
Benzene
Concen: 52.86 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	515190		
77	24.1		19.0	28.6





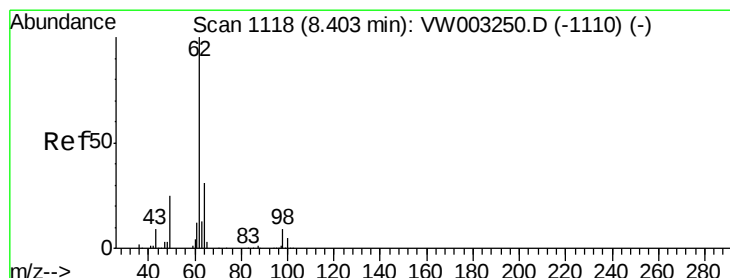
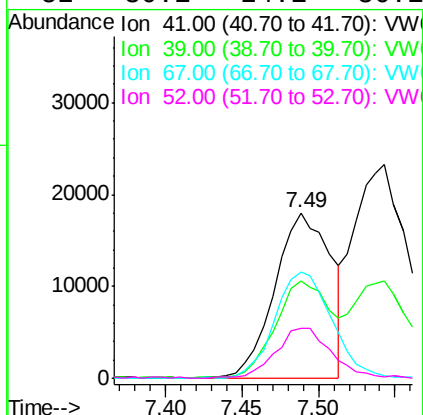
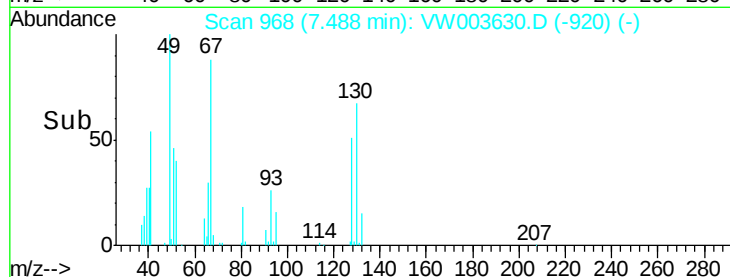
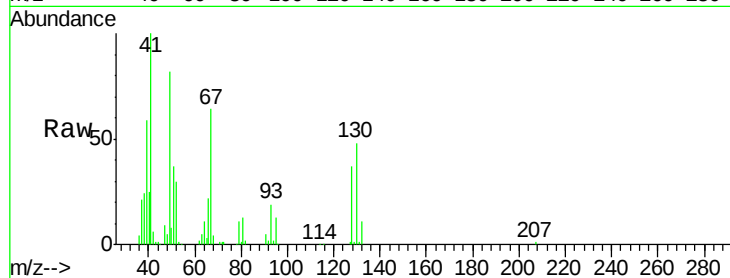
#41
Methacrylonitrile
Concen: 51.18 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	45999
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.8	68.8
67	65.5	52.3	78.5
52	30.1	24.1	36.1

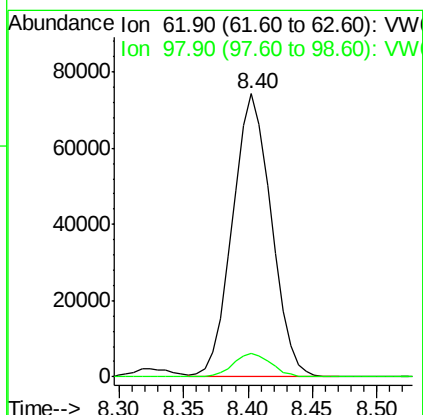
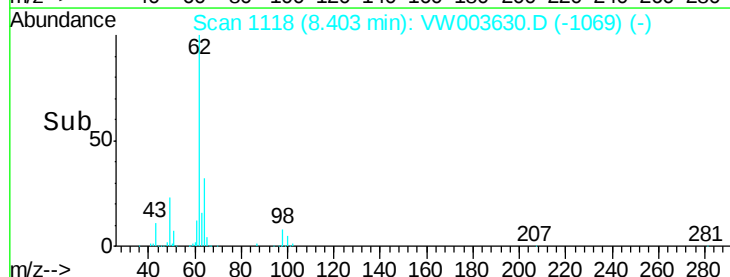
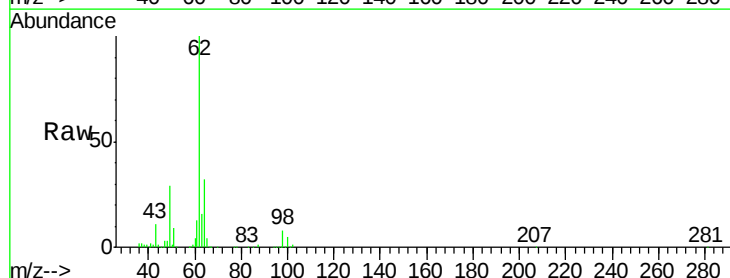
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#42
1,2-Dichloroethane
Concen: 50.84 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	62	Resp	155231
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 49.20 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

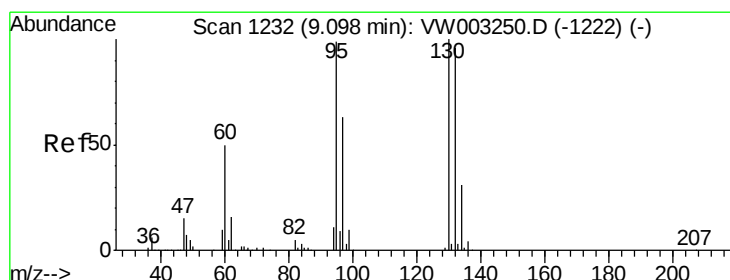
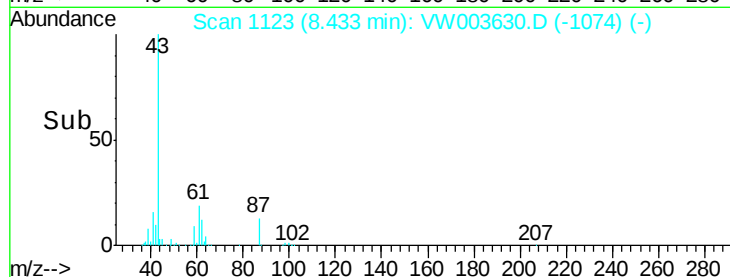
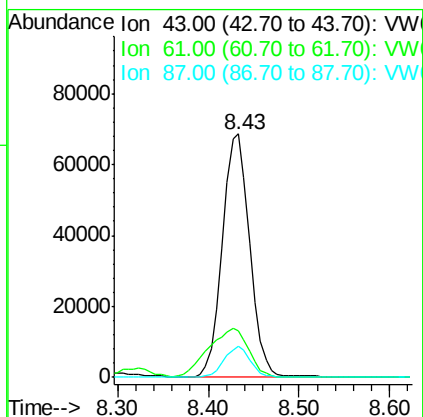
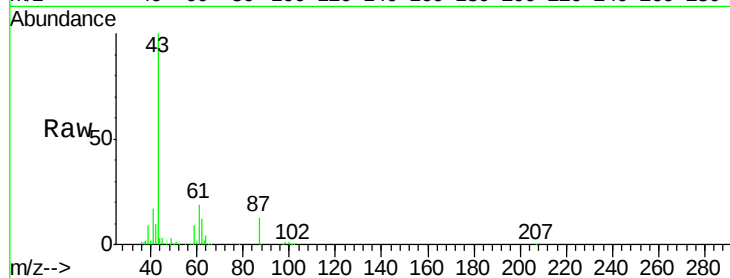
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	143090
Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.1	34.7
87	12.3	9.8	14.6

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#44

Trichloroethene

Concen: 51.44 ug/l

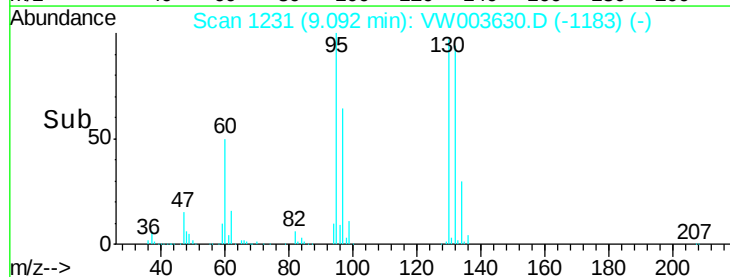
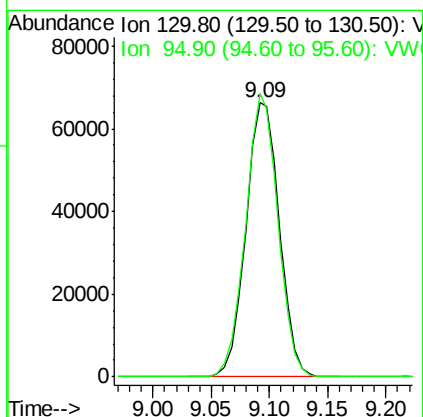
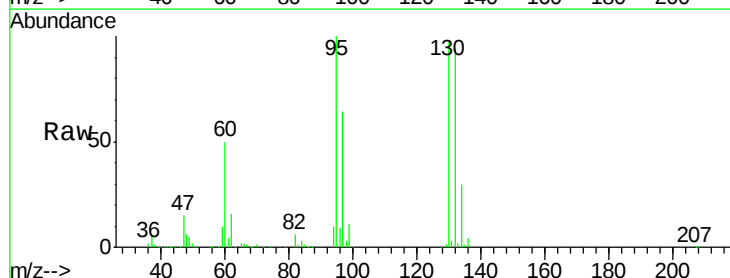
RT: 9.09 min Scan# 1231

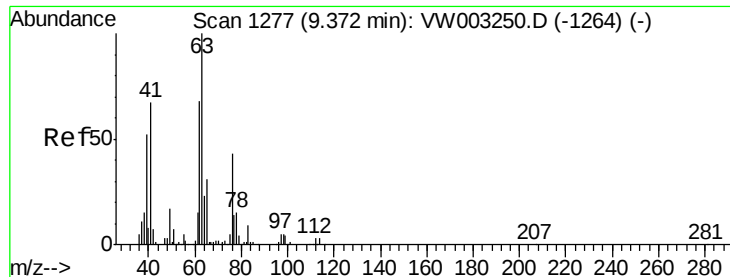
Delta R.T. -0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion:	130	Resp:	132845
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	198.0





#45

1,2-Dichloropropane

Concen: 53.61 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 133029

Ion Ratio Lower Upper

63 100

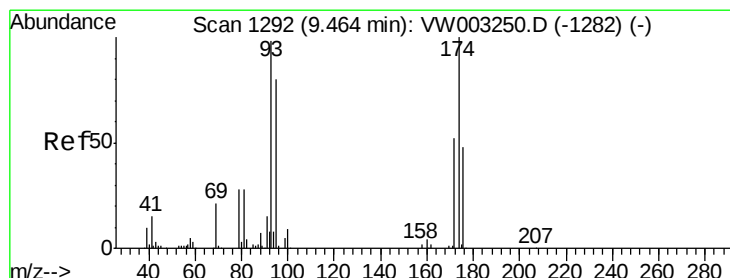
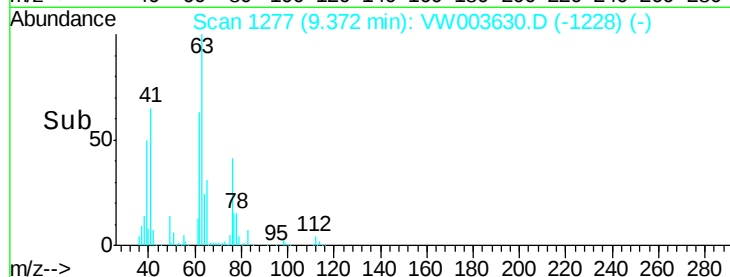
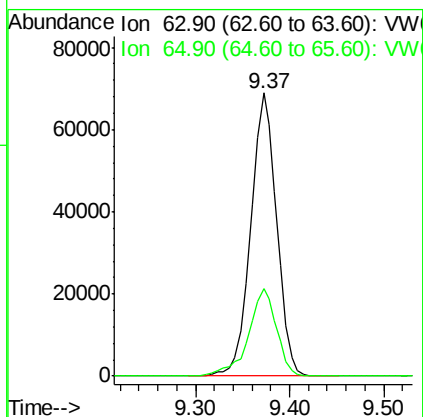
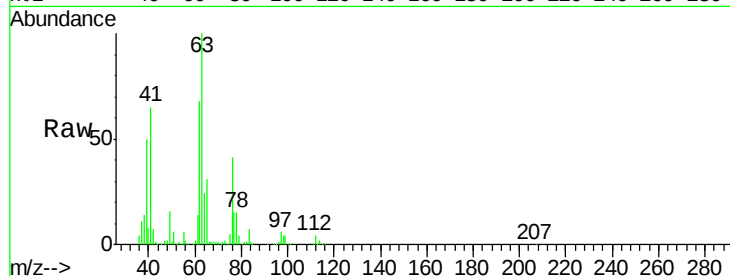
65 30.9 25.1 37.7

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#46

Dibromomethane

Concen: 51.27 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

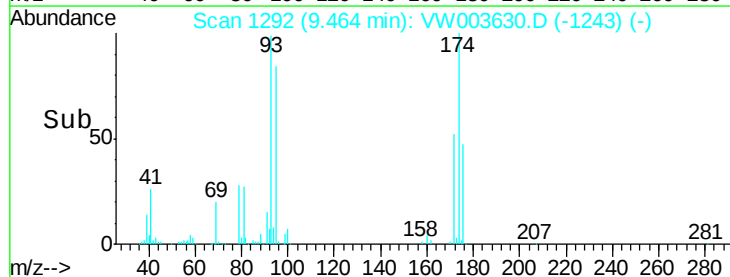
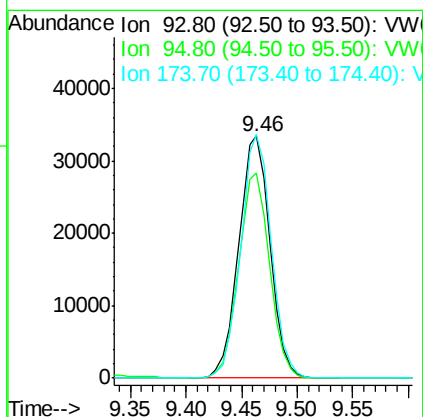
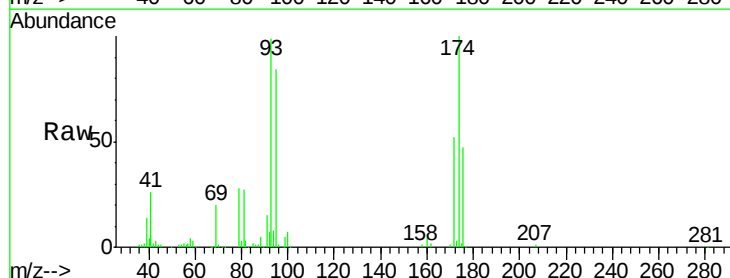
Tgt Ion: 93 Resp: 65134

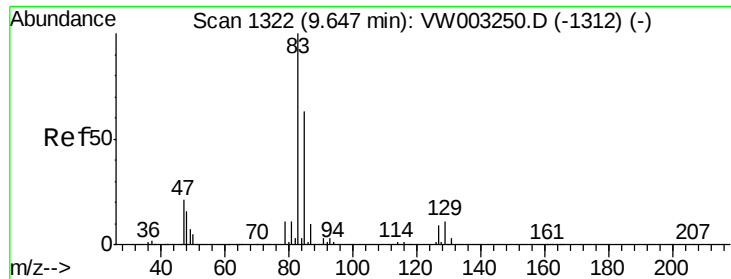
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 98.4 81.4 122.0





#47

Bromodichloromethane

Concen: 52.88 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

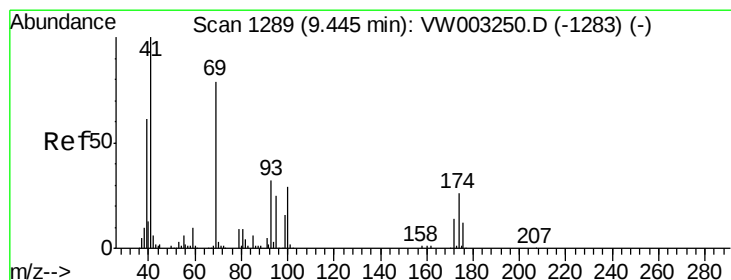
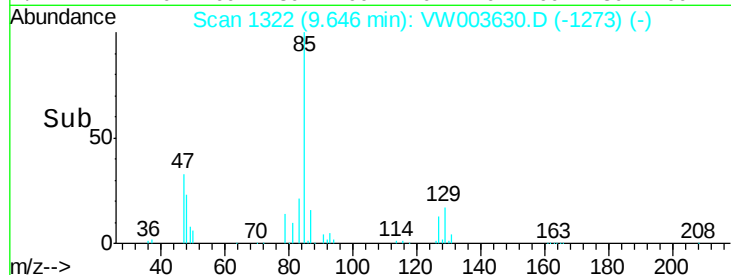
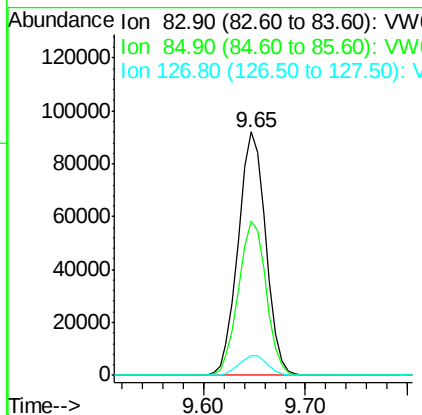
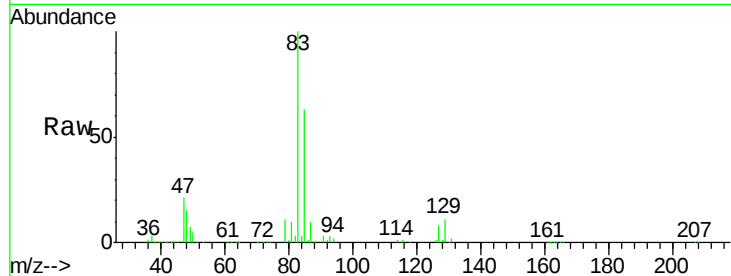
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	172202
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	8.2	6.8	10.2

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#48

Methyl methacrylate

Concen: 52.40 ug/l

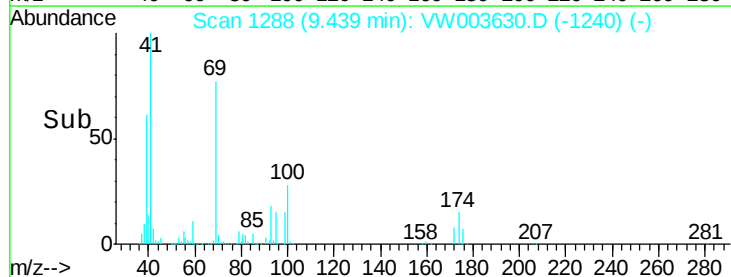
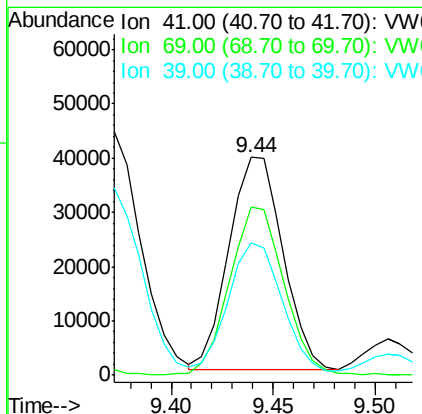
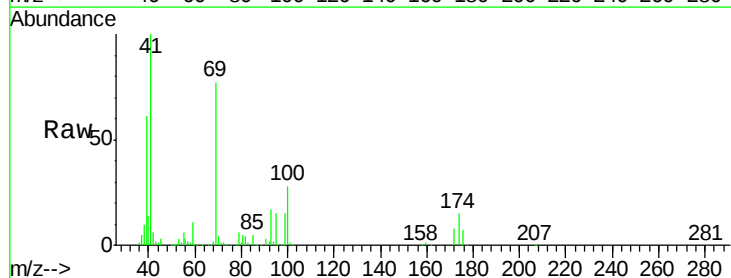
RT: 9.44 min Scan# 1288

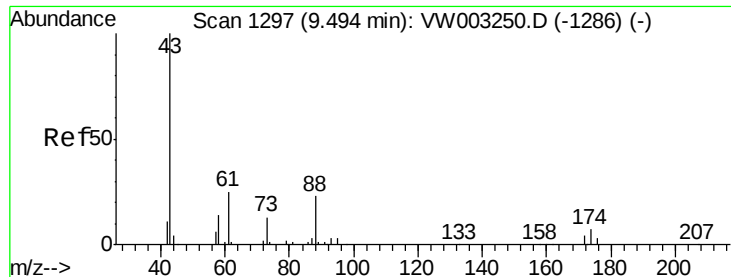
Delta R.T. -0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion:	41	Resp:	71614
Ion	Ratio	Lower	Upper
41	100		
69	79.8	65.4	98.2
39	64.0	54.2	81.2





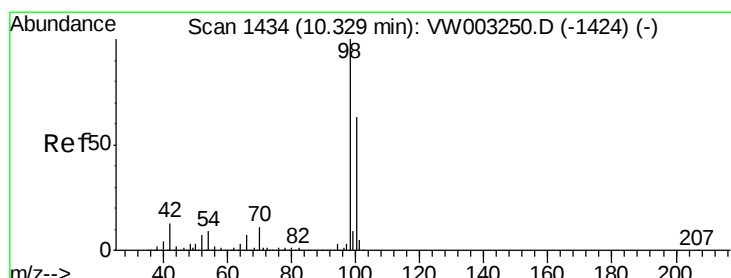
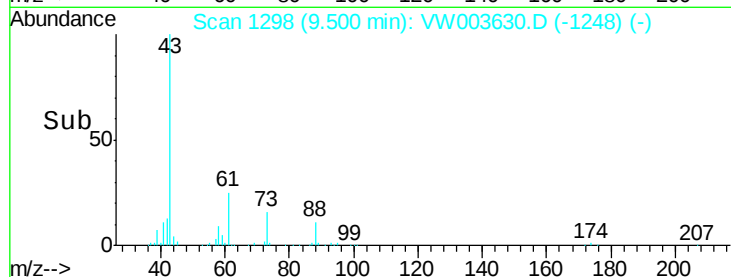
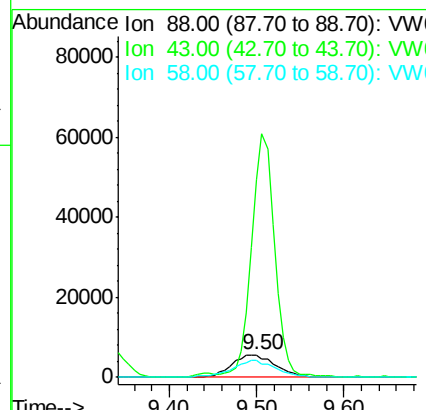
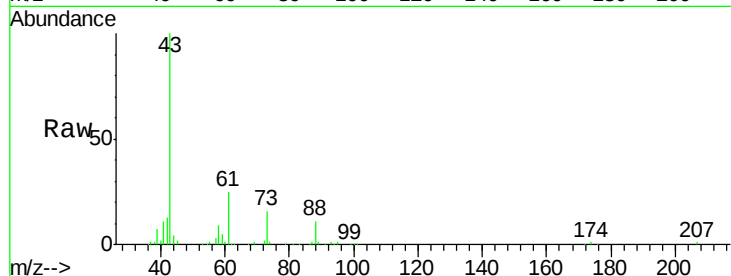
#49
1,4-Dioxane
Concen: 1014.82 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	569.6	454.7	682.1
58	76.3	58.6	88.0

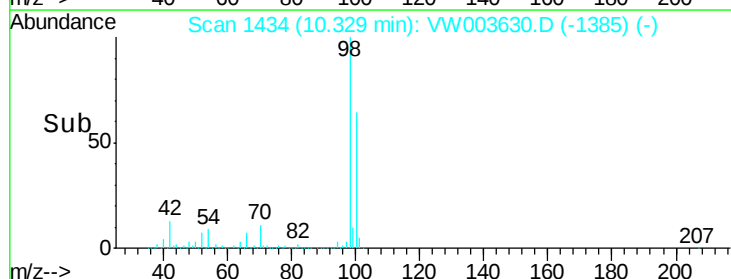
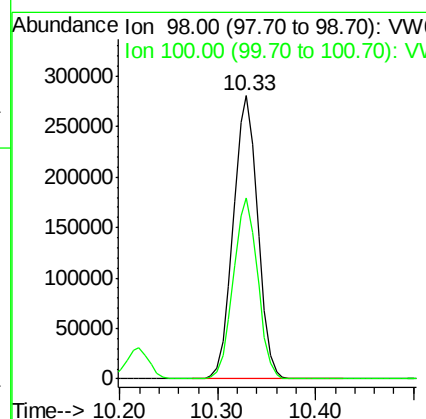
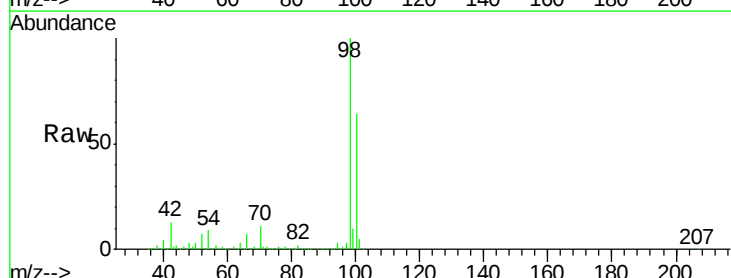
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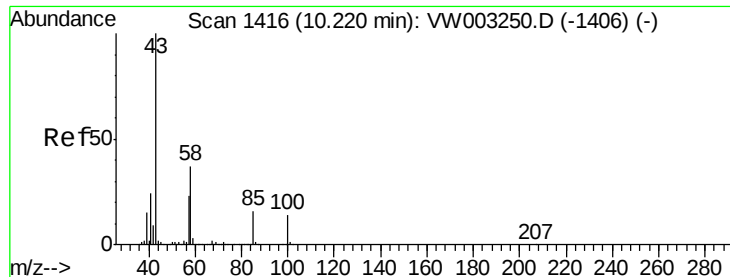
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#50
Toluene-d8
Concen: 53.88 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 255.03 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 377951

Ion Ratio Lower Upper

43 100

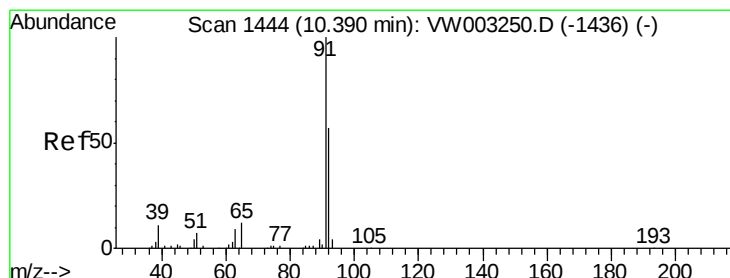
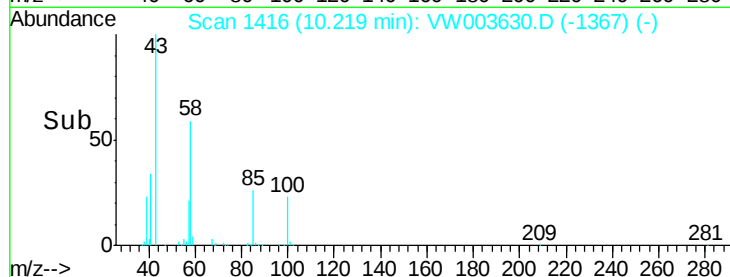
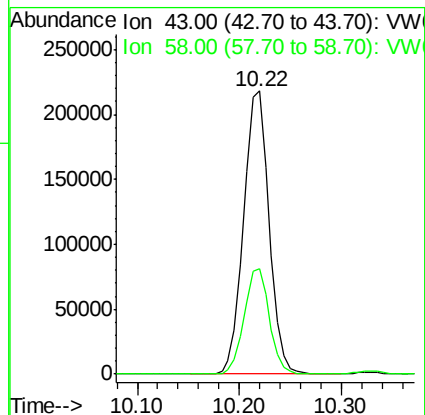
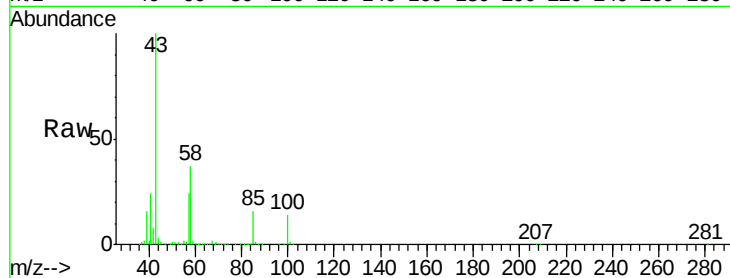
58 36.7 29.0 43.4

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#52

Toluene

Concen: 52.64 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003630.D

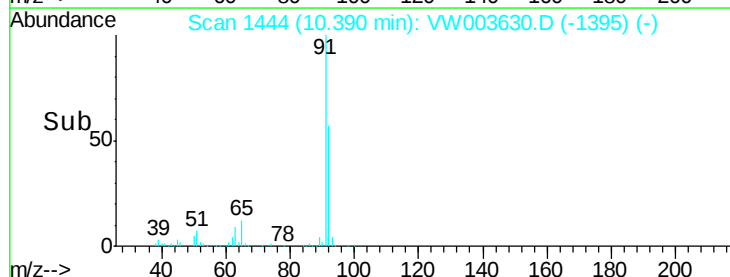
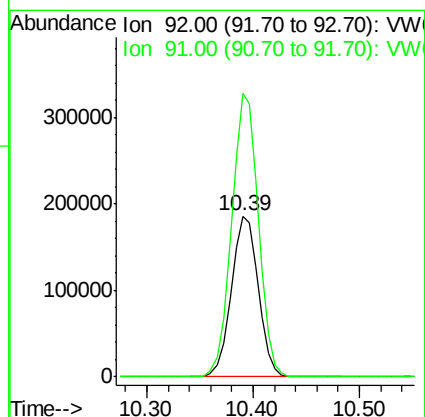
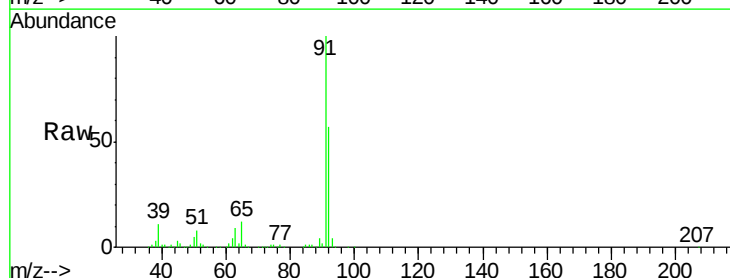
Acq: 28 Jun 2018 11:13

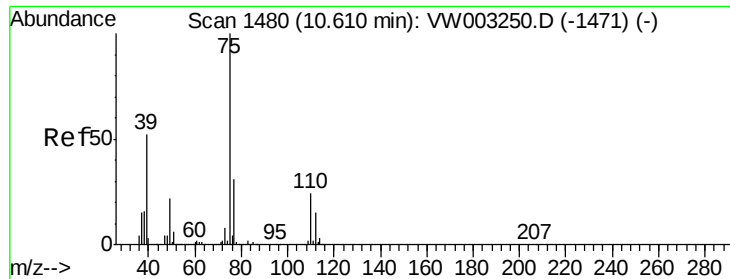
Tgt Ion: 92 Resp: 328982

Ion Ratio Lower Upper

92 100

91 174.8 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 52.46 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 174490

Ion Ratio Lower Upper

75 100

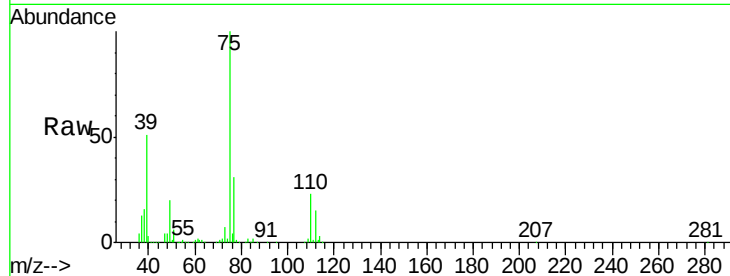
77 30.8 24.9 37.3

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

120000

100000

80000

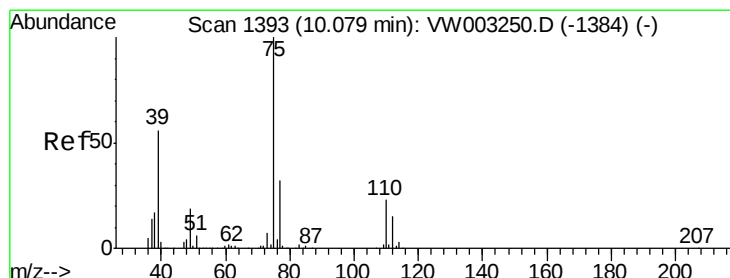
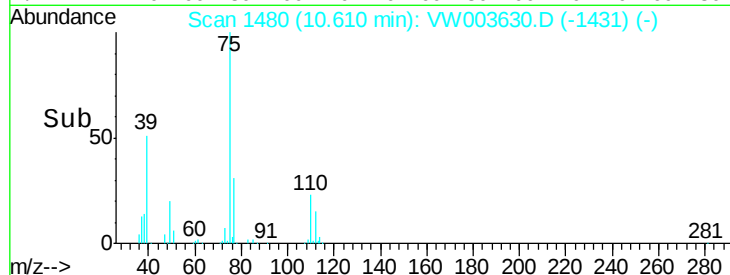
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 53.02 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

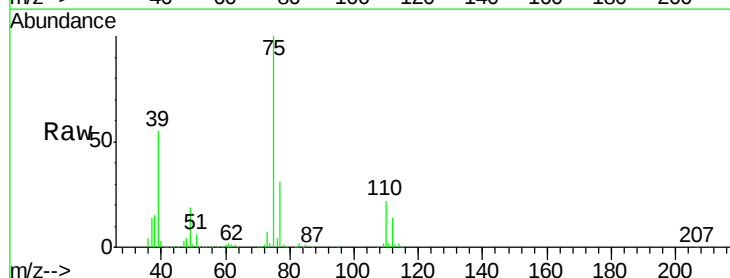
Tgt Ion: 75 Resp: 200754

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 55.2 45.2 67.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.08

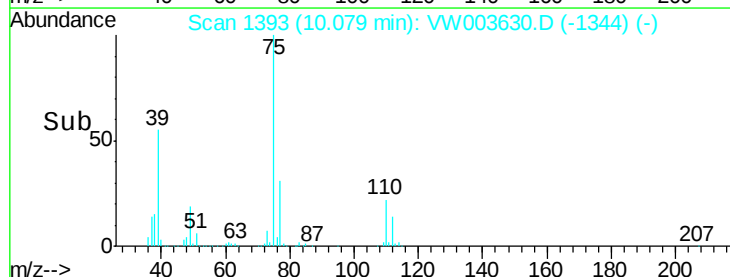
150000

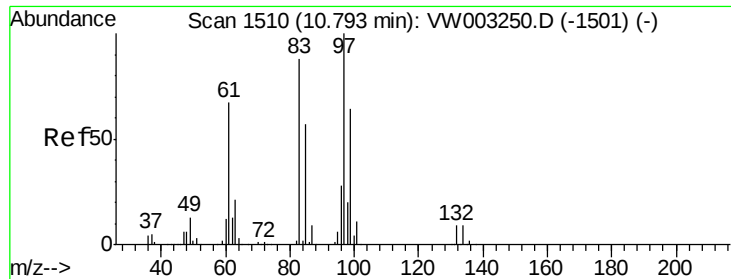
100000

50000

0

Time--> 10.00 10.10





#55

1,1,2-Trichloroethane

Concen: 51.28 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

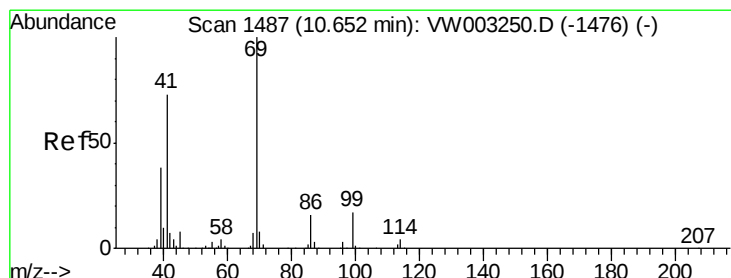
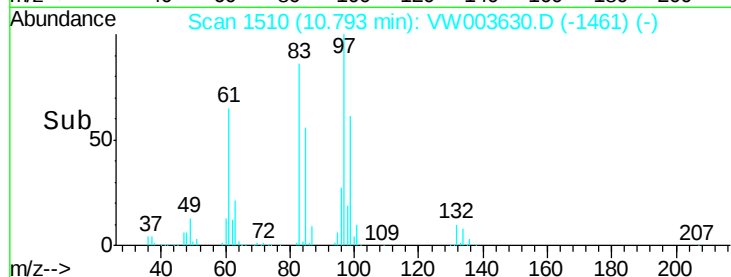
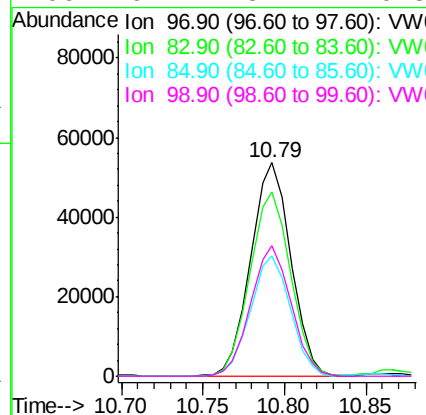
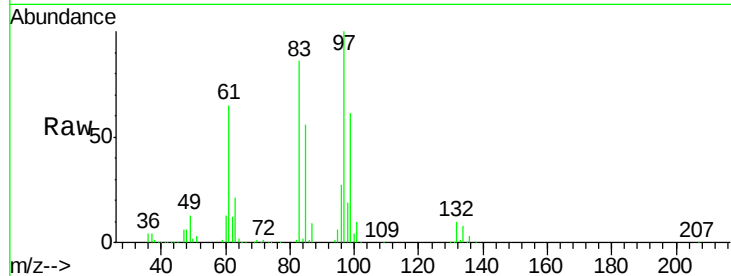
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	91799
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.2	105.2
85	56.3	45.6	68.4
99	61.4	51.2	76.8

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#56

Ethyl methacrylate

Concen: 52.30 ug/l

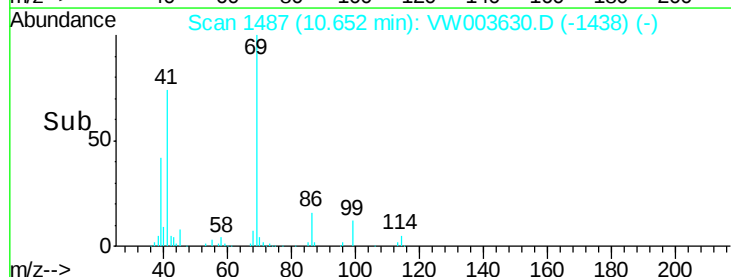
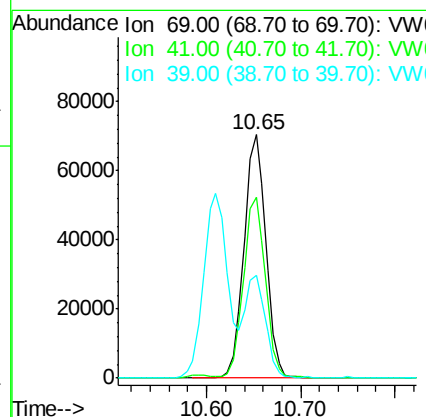
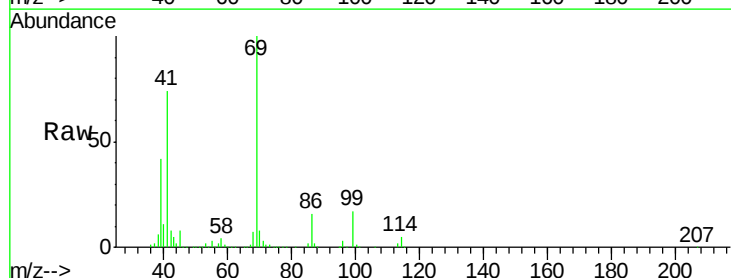
RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion:	69	Resp:	113684
Ion	Ratio	Lower	Upper
69	100		
41	73.9	57.8	86.6
39	38.7	32.7	49.1





#57

1,3-Dichloropropane

Concen: 51.83 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 160037

Ion Ratio Lower Upper

76 100

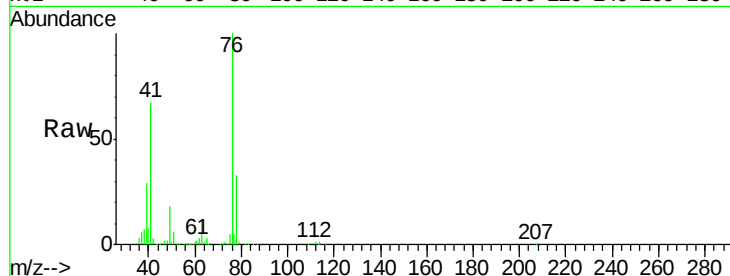
78 32.7 25.7 38.5

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.94

80000

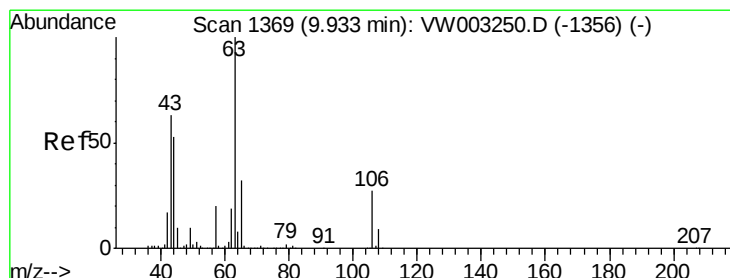
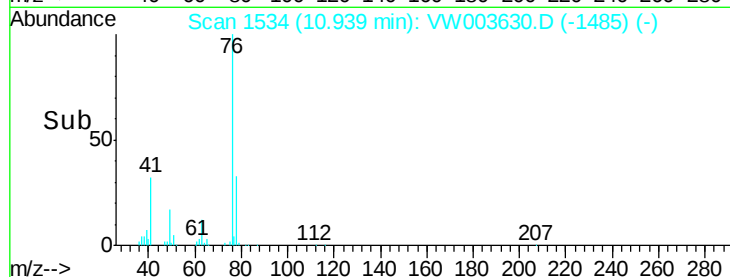
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 265.51 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003630.D

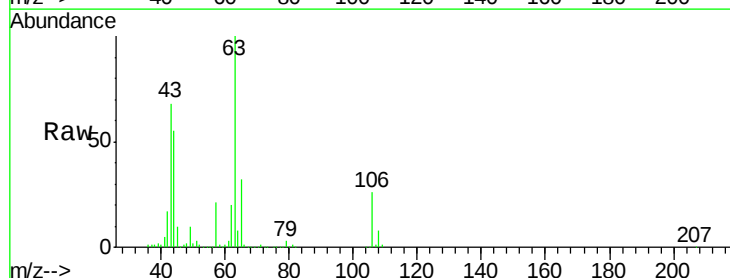
Acq: 28 Jun 2018 11:13

Tgt Ion: 63 Resp: 258740

Ion Ratio Lower Upper

63 100

106 26.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

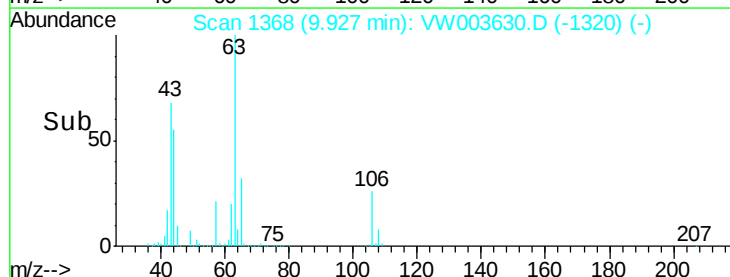
150000

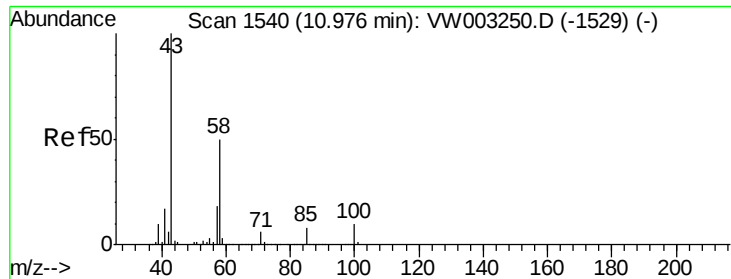
100000

50000

0

Time-->





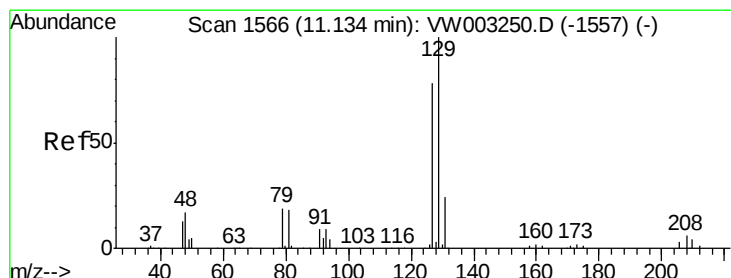
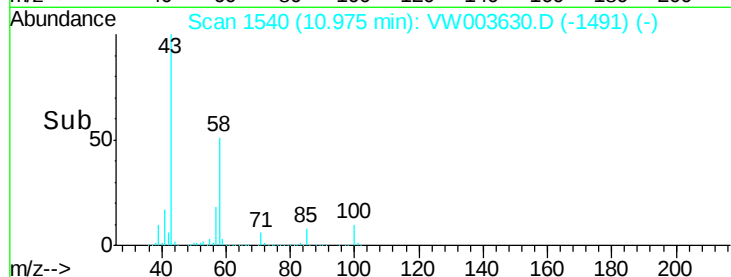
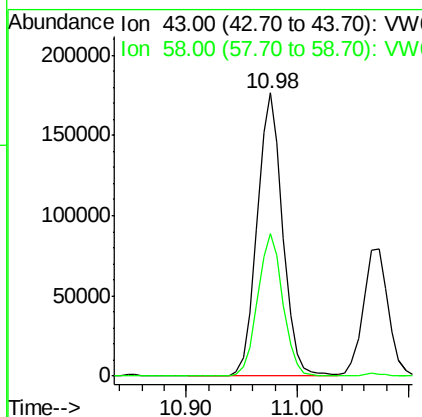
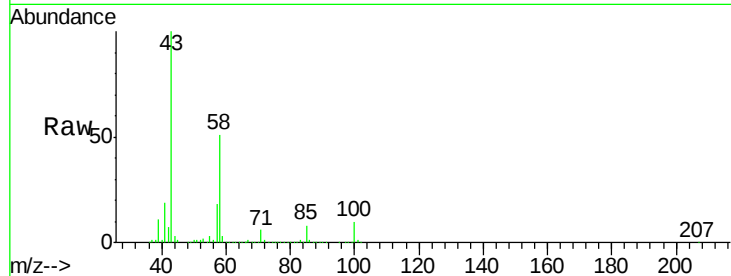
#59
2-Hexanone
Concen: 272.16 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 281769
Ion Ratio Lower Upper
43 100
58 50.0 25.0 75.0

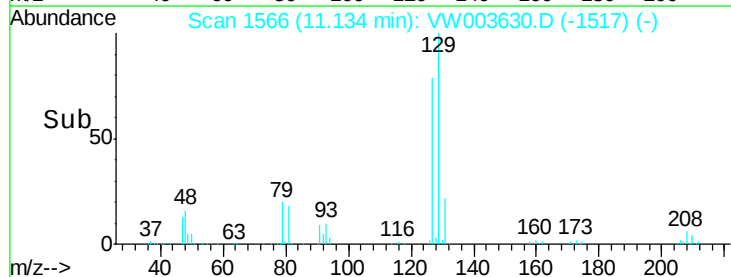
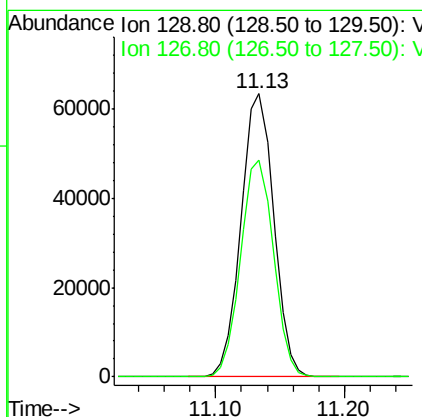
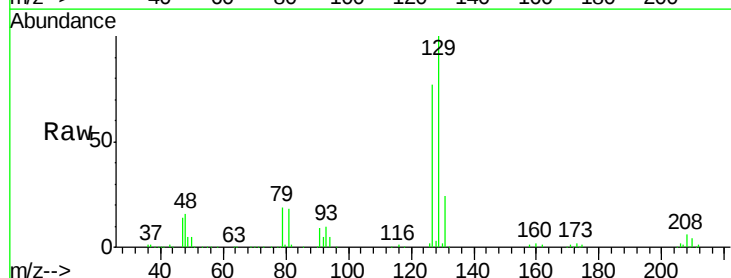
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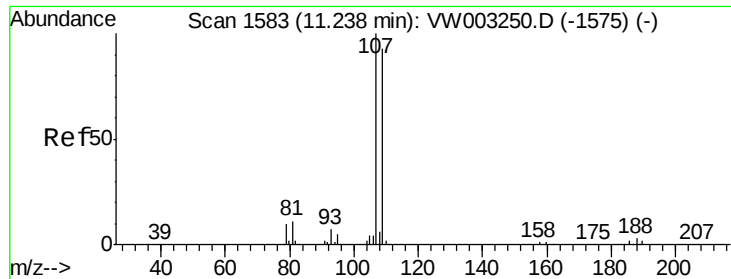
apatel
6/29/2018 10:21:55 AM



#60
Dibromochloromethane
Concen: 52.48 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 129 Resp: 111730
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.5





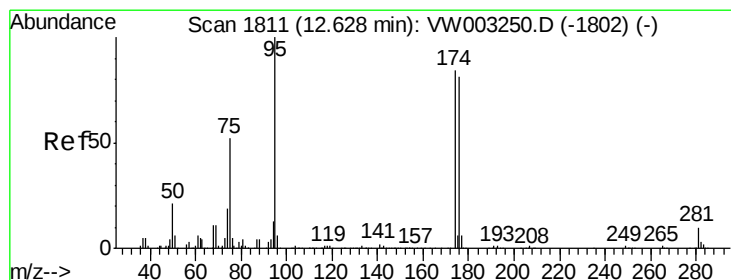
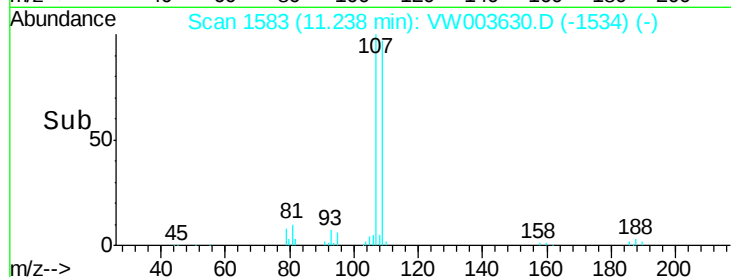
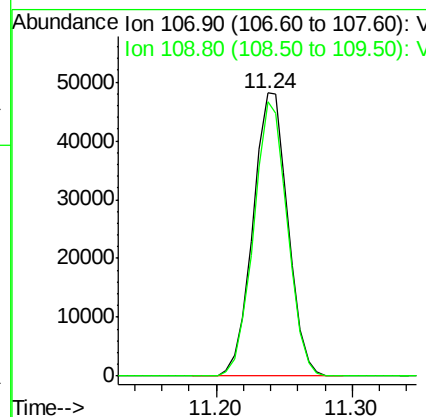
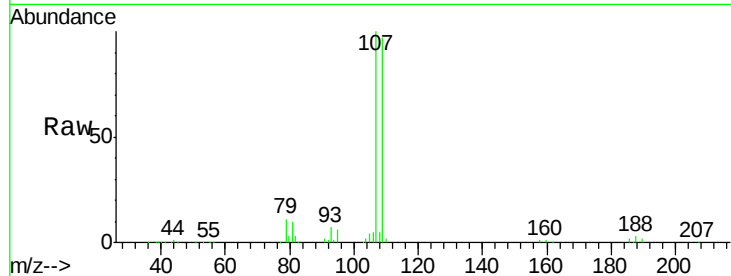
#61
 1,2-Dibromoethane
 Concen: 51.14 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.8	113.6

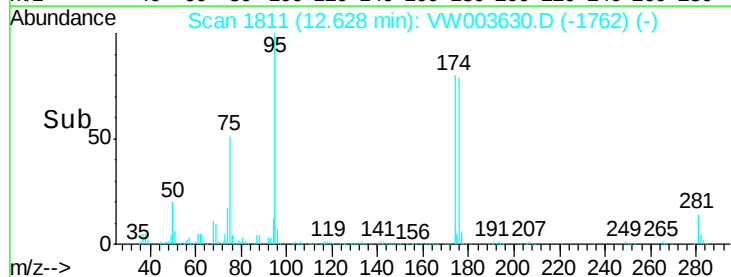
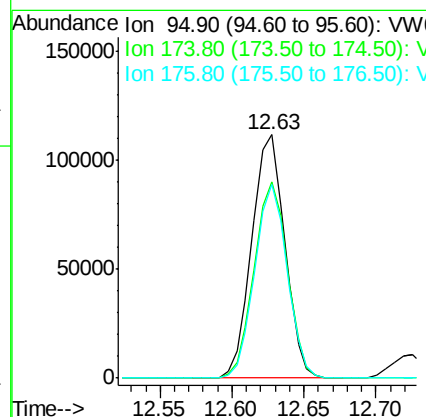
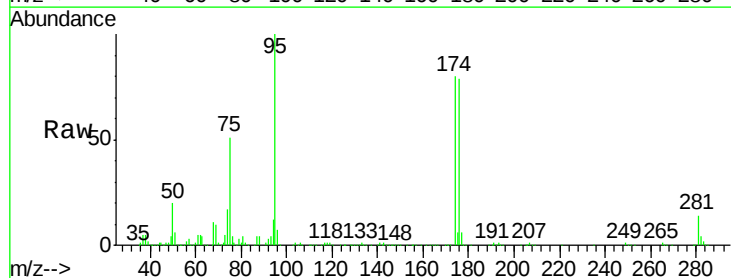
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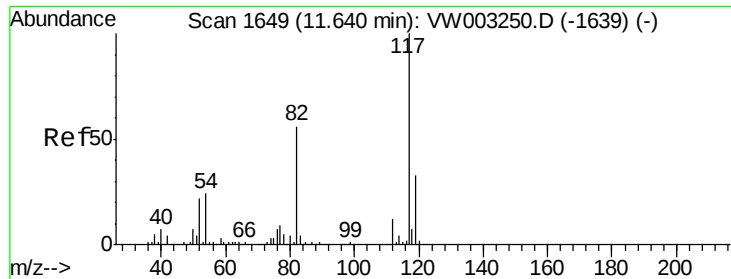
apatel
 6/29/2018 10:21:55 AM



#62
 4-Bromofluorobenzene
 Concen: 55.54 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	166.4
176	78.1	0.0	162.0





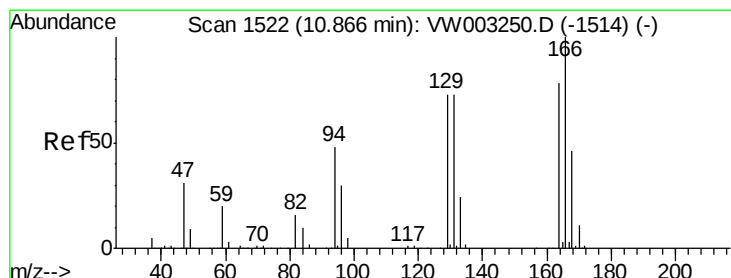
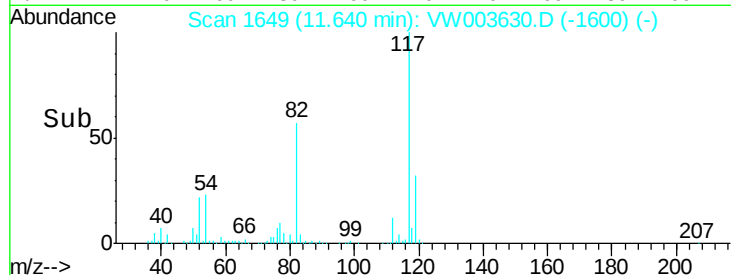
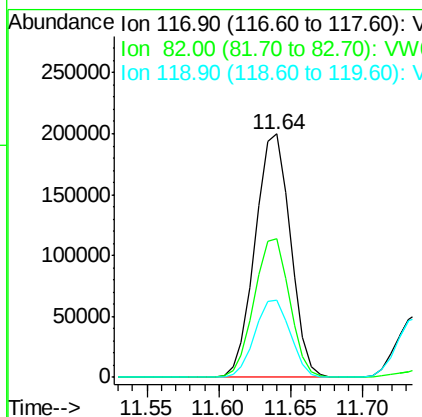
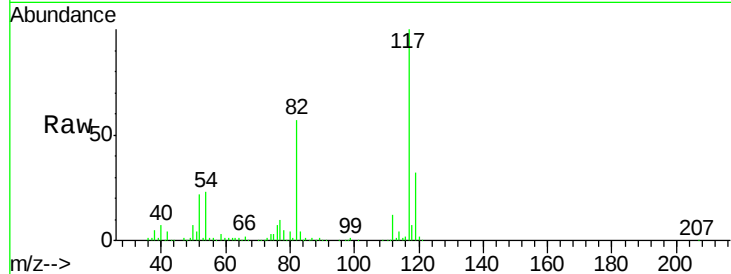
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	338630		
82	57.0		44.6	67.0
119	31.8		26.7	40.1

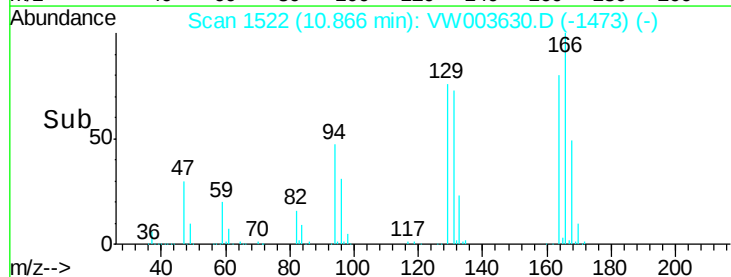
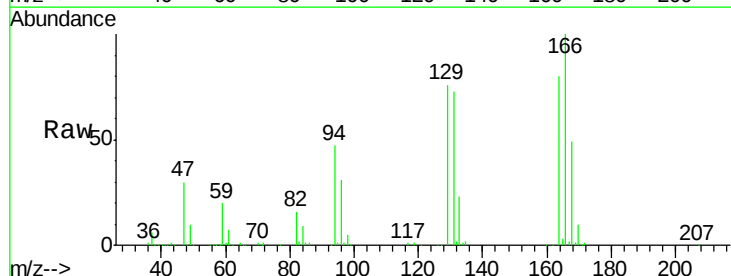
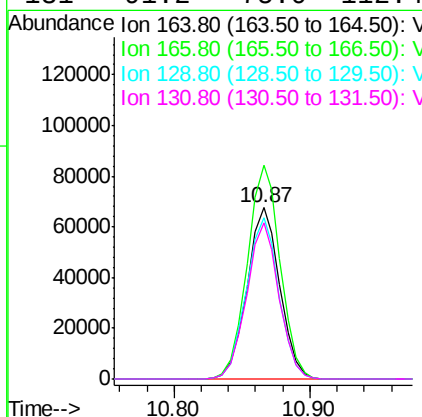
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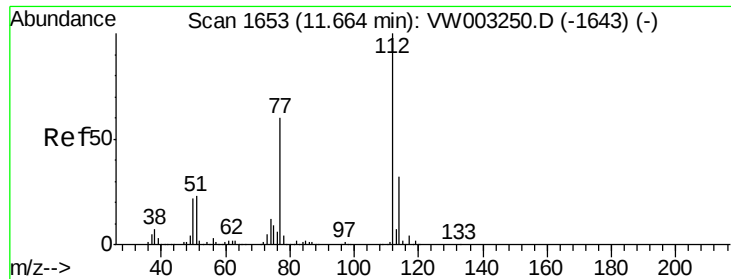
apatel
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#64
Tetrachloroethene
Concen: 50.31 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113943		
166	125.0		102.6	154.0
129	94.4		75.2	112.8
131	91.2		75.0	112.4





#65

Chlorobenzene

Concen: 51.06 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 360051

Ion Ratio Lower Upper

112 100

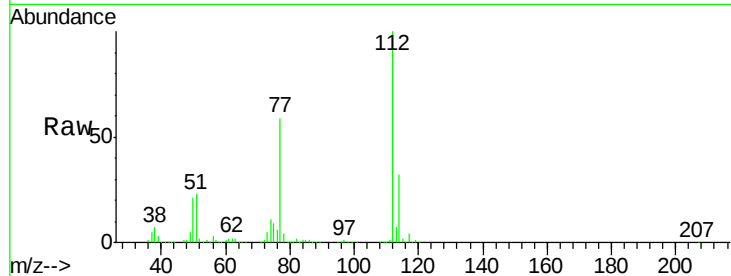
114 32.2 25.9 38.9

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

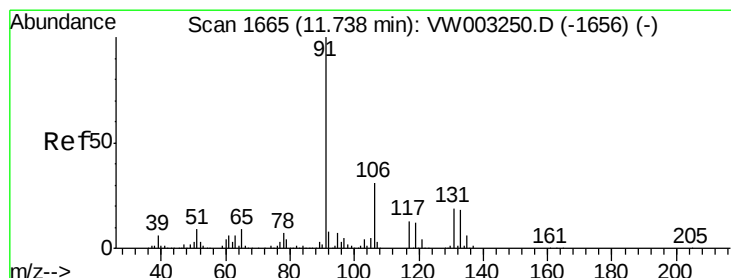
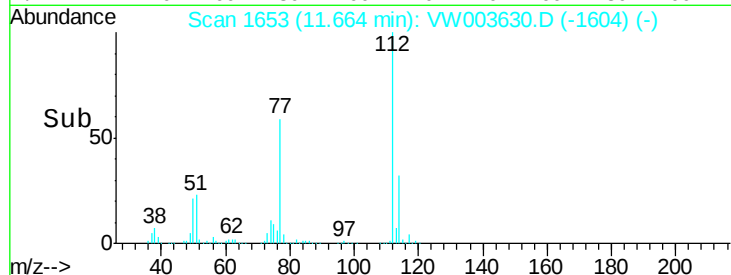
50000

0

11.66

11.60 11.70

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.78 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

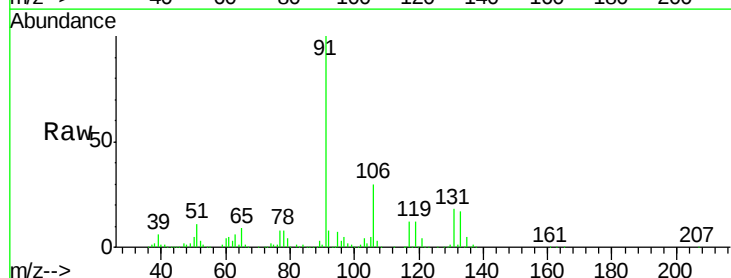
Tgt Ion:131 Resp: 128324

Ion Ratio Lower Upper

131 100

133 95.2 47.3 142.0

119 65.2 32.5 97.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

40000

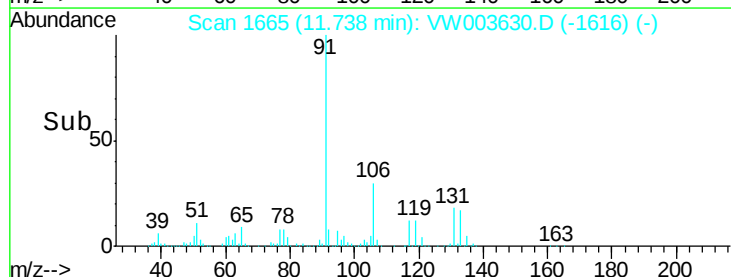
20000

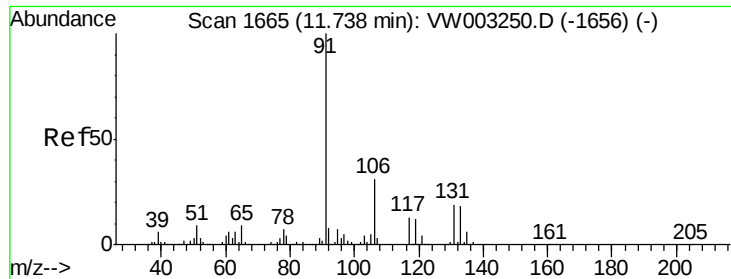
0

11.74

11.70 11.80

Time-->





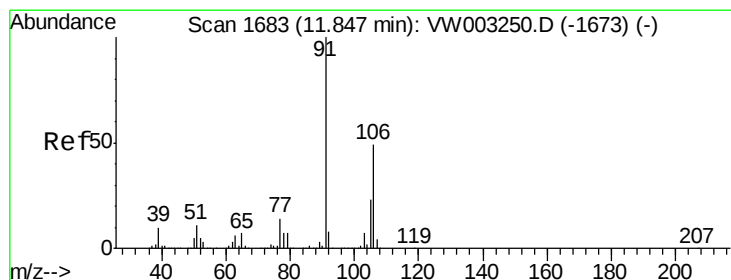
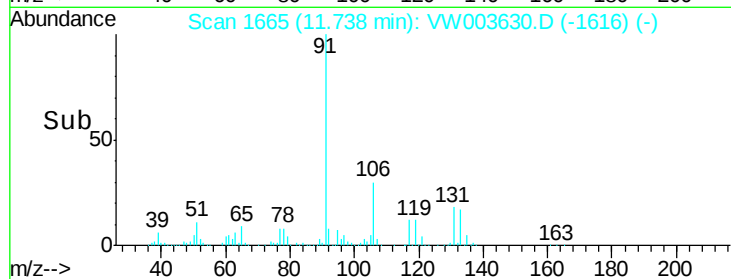
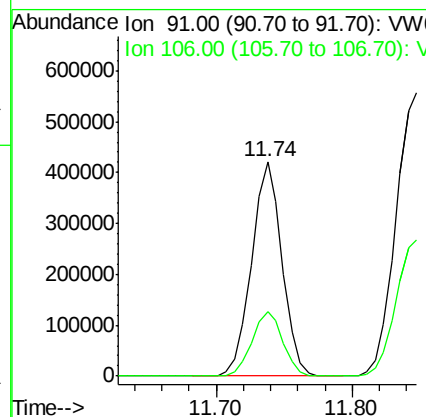
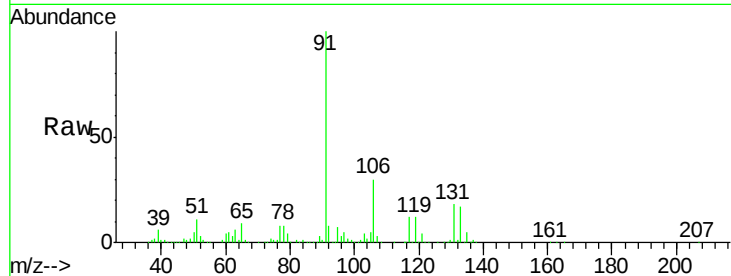
#67
Ethyl Benzene
Concen: 52.72 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 658989
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1

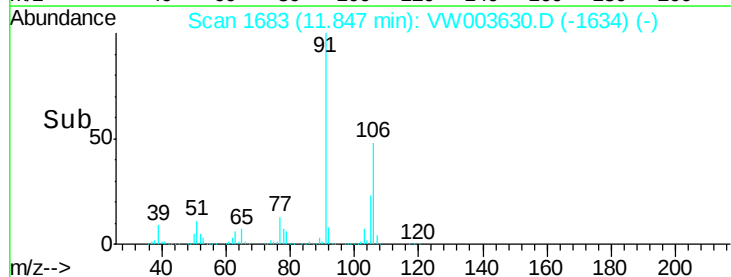
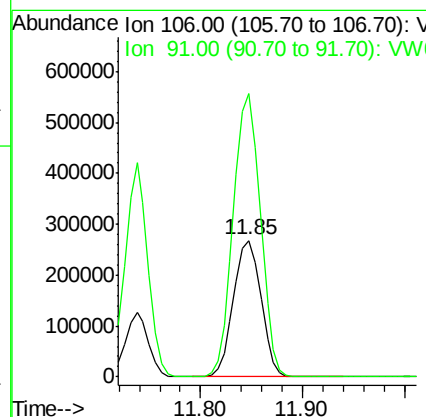
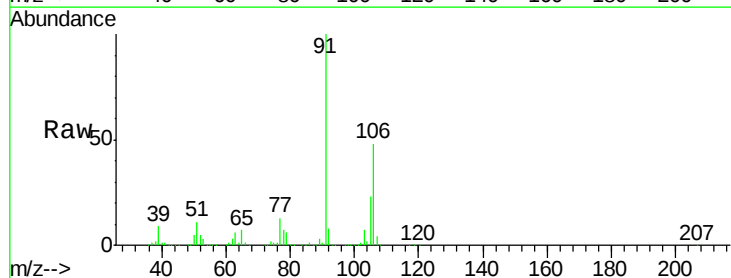
Manual Integrations
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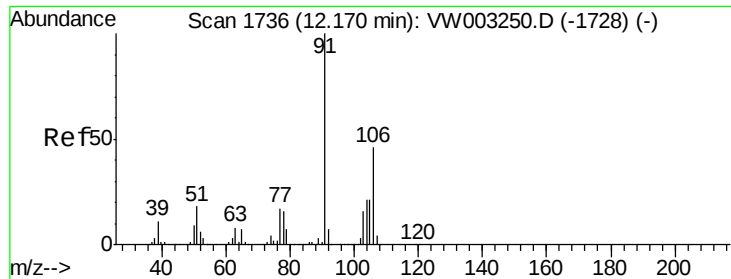
apatel
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#68
m/p-Xylenes
Concen: 105.45 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion: 106 Resp: 501079
Ion Ratio Lower Upper
106 100
91 205.0 165.4 248.0





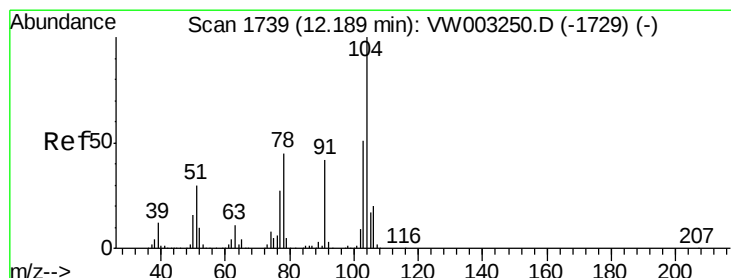
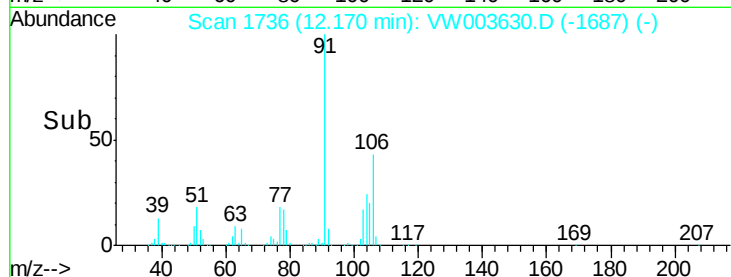
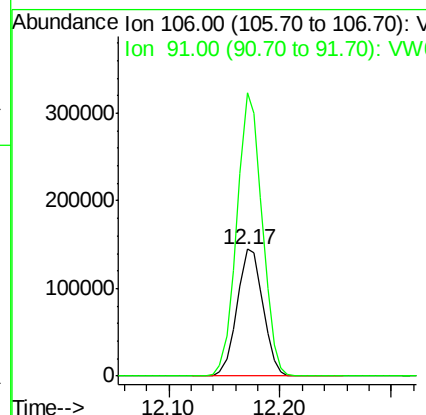
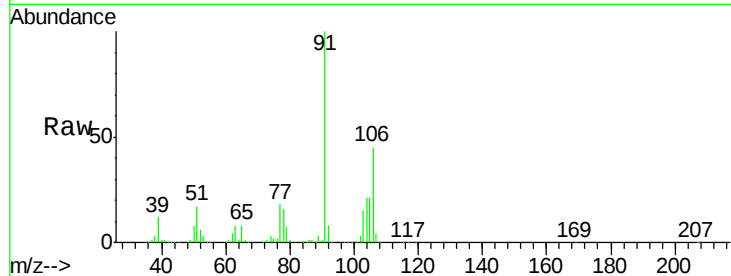
#69
o-Xylene
Concen: 53.08 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.0	108.6	325.6

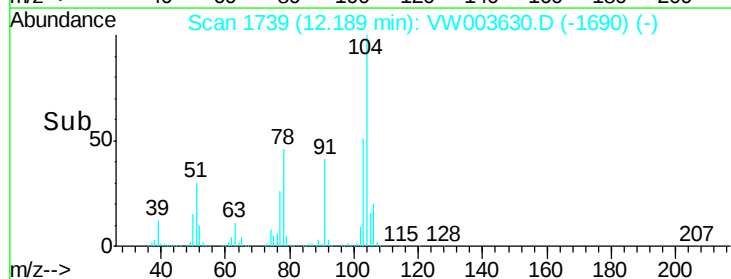
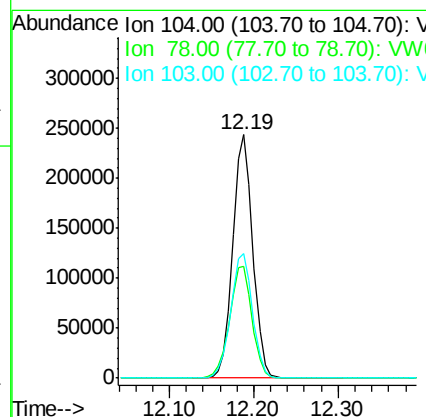
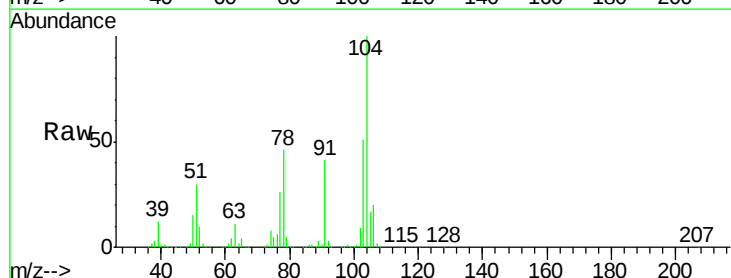
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#70
Styrene
Concen: 53.79 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	41.3	61.9
103	55.8	45.0	67.4





#71

Bromoform

Concen: 51.01 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

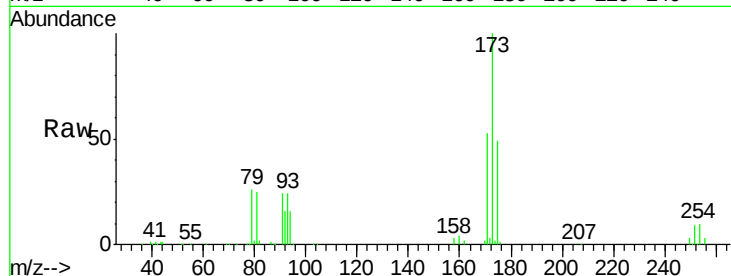
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.4	73.4
254	0.1	0.1	0.1

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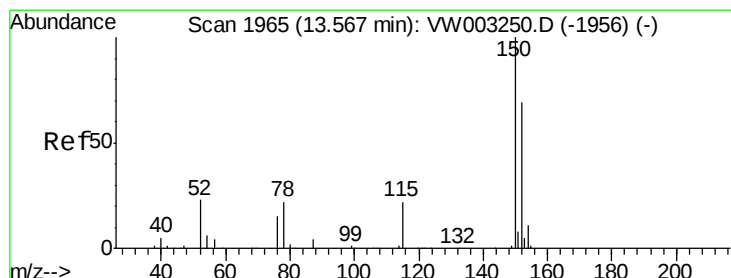
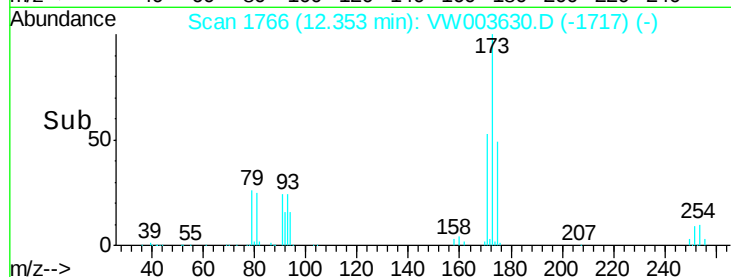
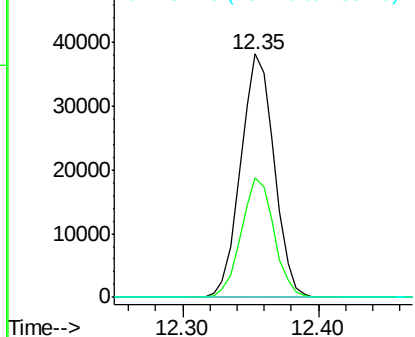


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

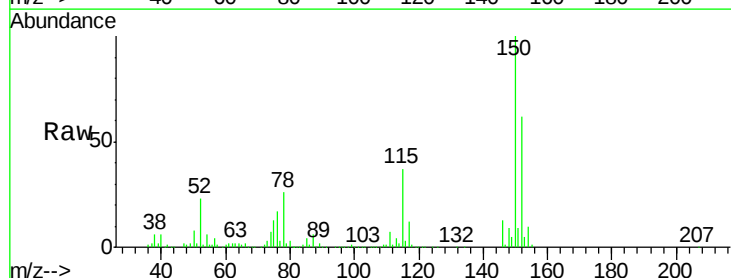
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	174.9	0.0	349.6

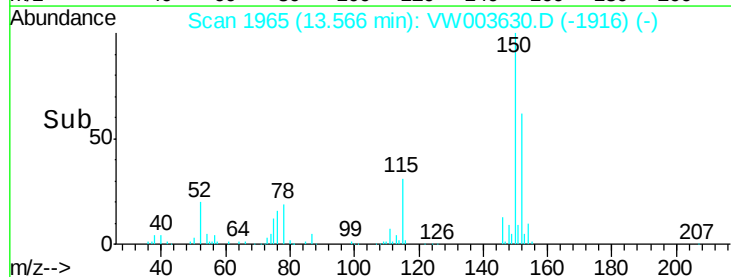
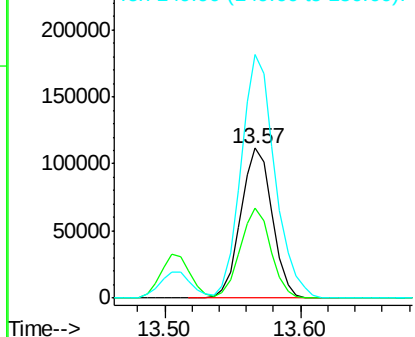


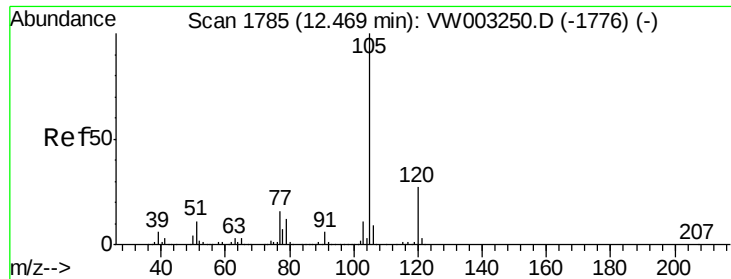
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





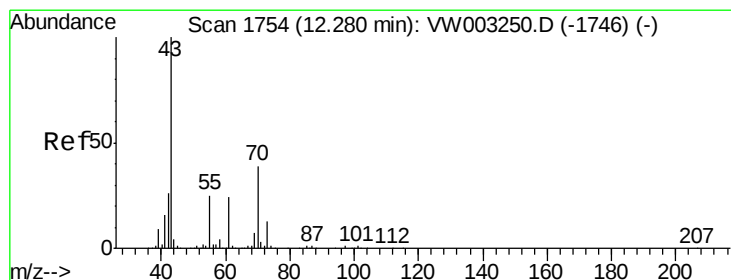
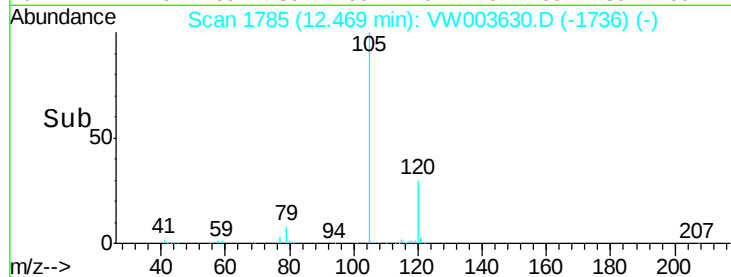
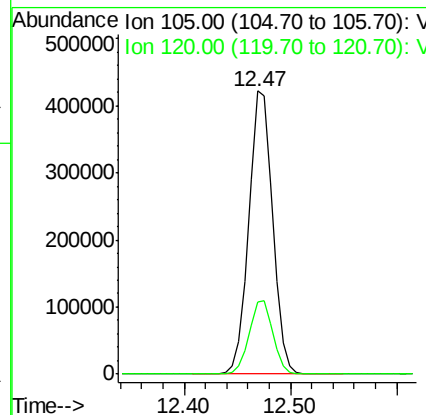
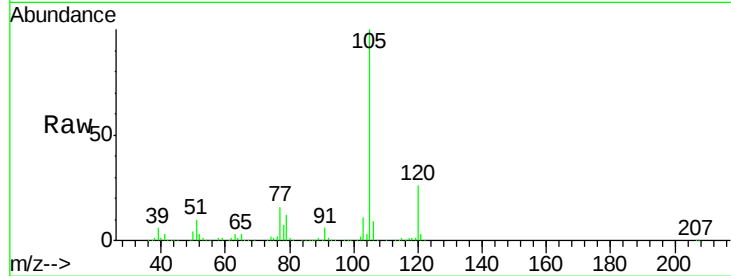
#73
Isopropylbenzene
Concen: 53.09 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.6

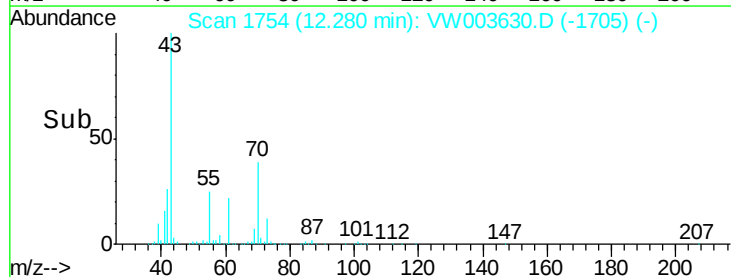
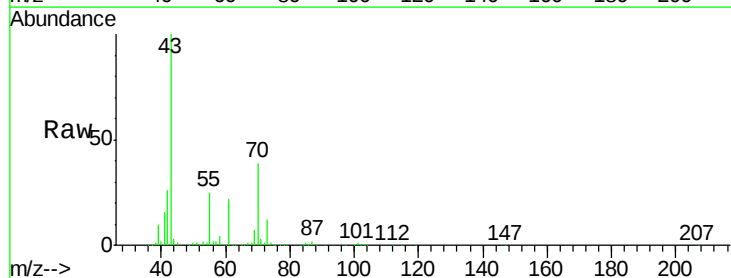
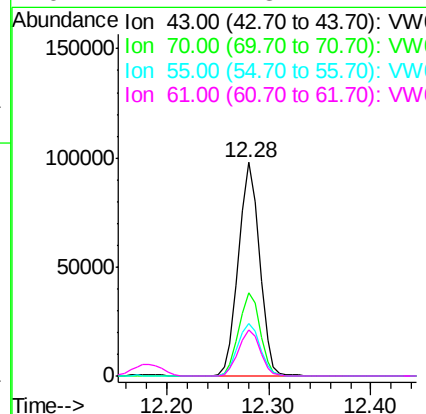
Manual Integrations
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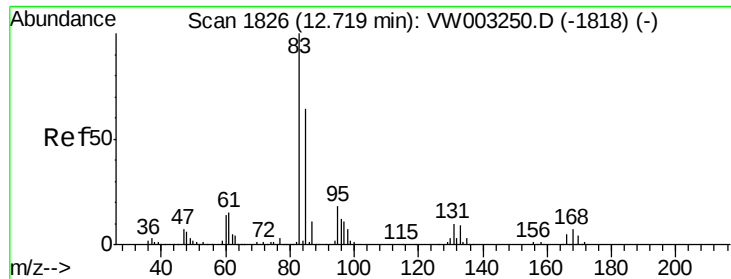
apatel
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#74
N-ethyl acetate
Concen: 49.40 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.3	31.0	46.6
55	26.2	19.7	29.5
61	22.2	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.35 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

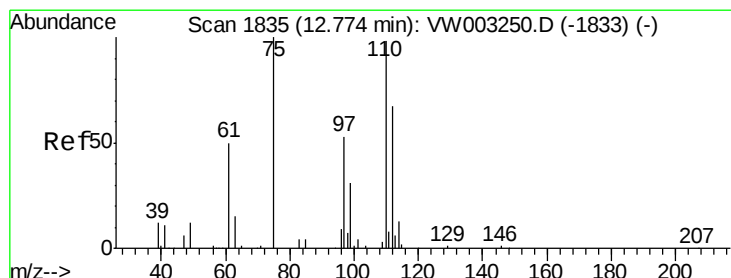
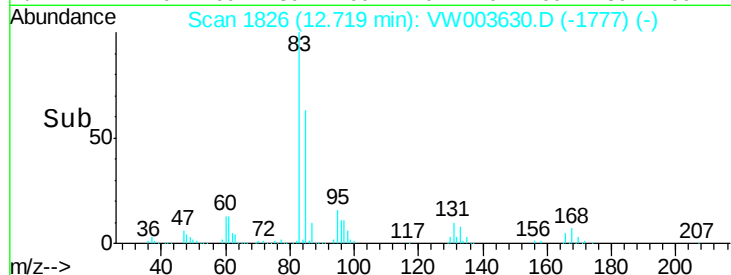
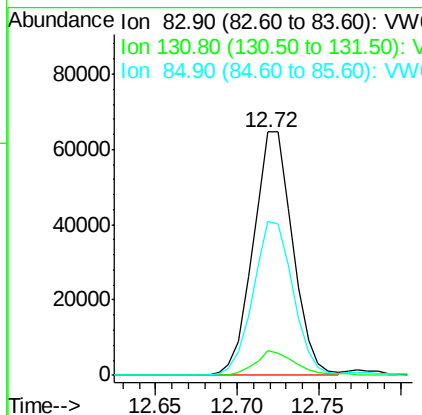
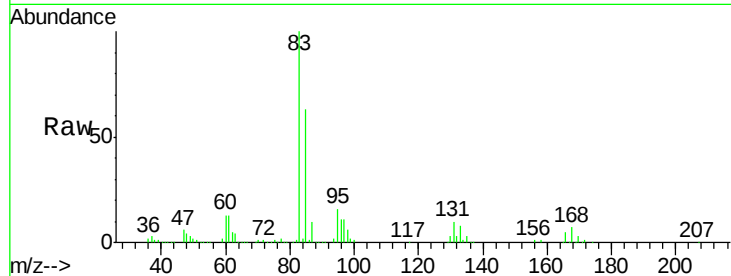
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	108435
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.4	16.2
85	63.8	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.88 ug/l m

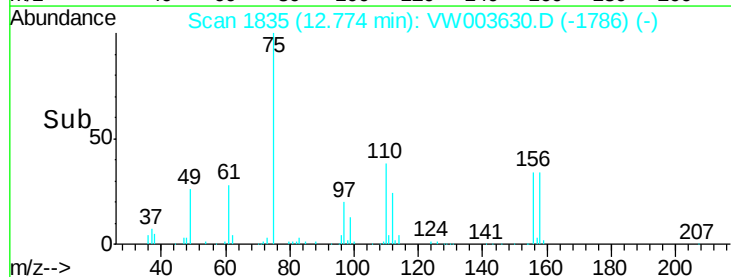
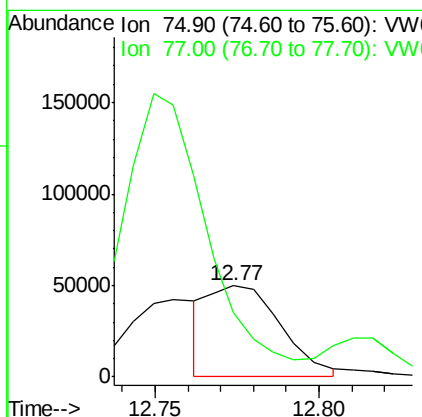
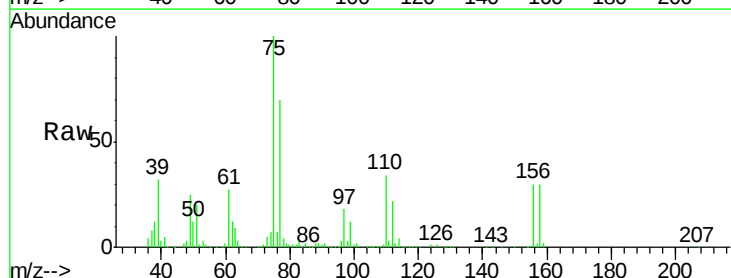
RT: 12.77 min Scan# 1835

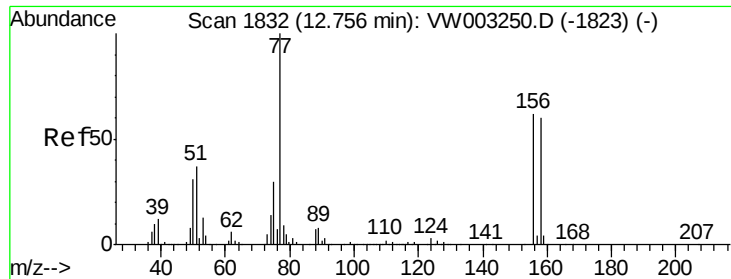
Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion:	75	Resp:	76521
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.28 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

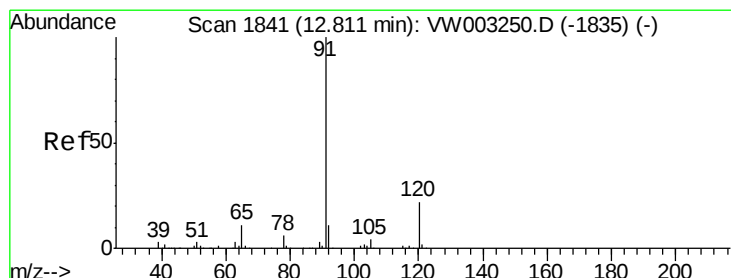
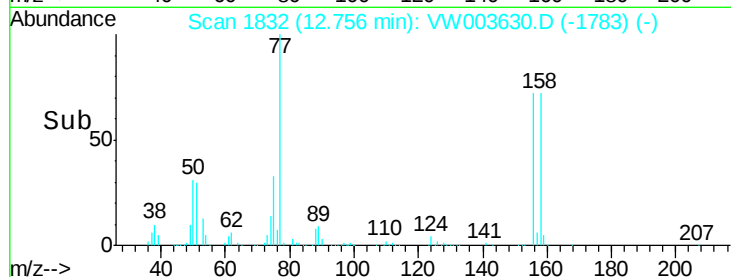
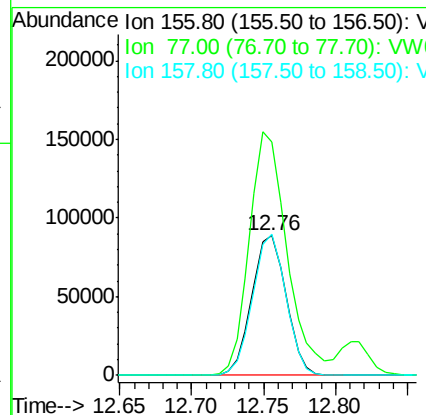
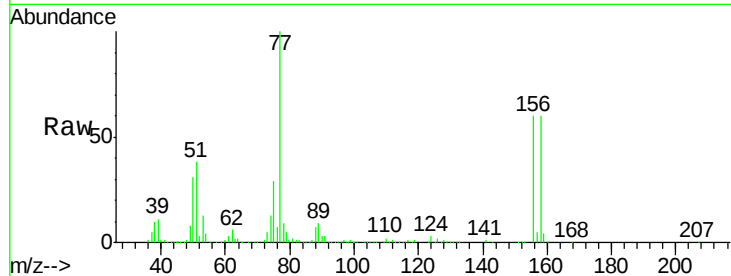
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.5	92.3	276.9
158	98.1	47.5	142.6

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#78

n-propylbenzene

Concen: 54.00 ug/l

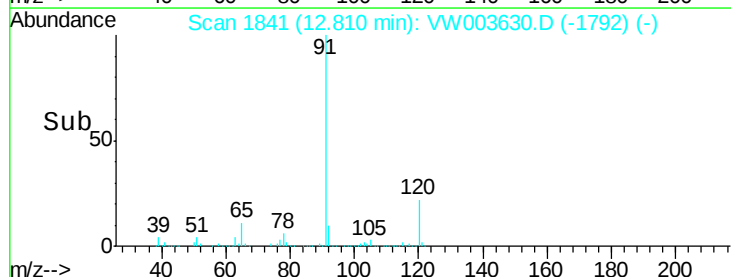
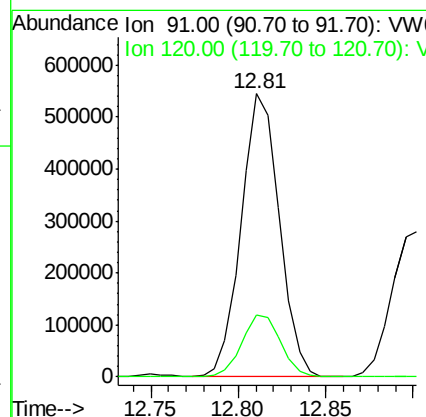
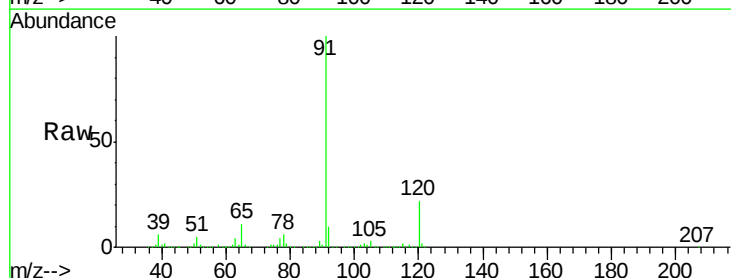
RT: 12.81 min Scan# 1841

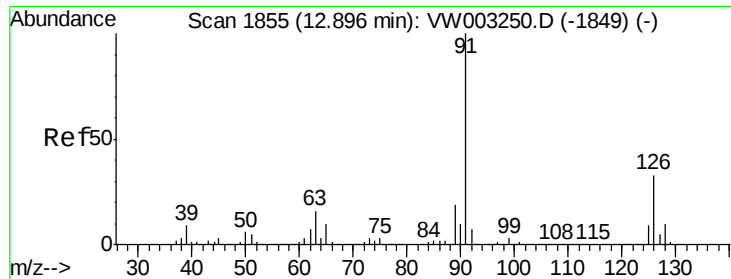
Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





#79

2-Chlorotoluene

Concen: 52.80 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 456104

Ion Ratio Lower Upper

91 100

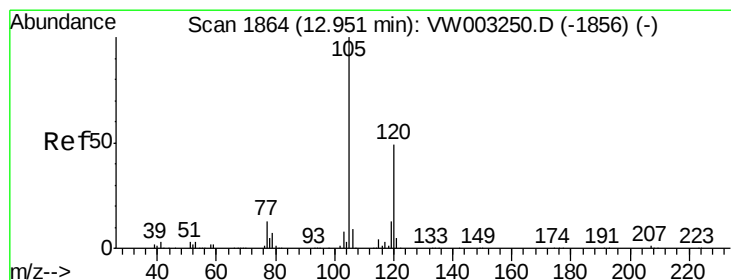
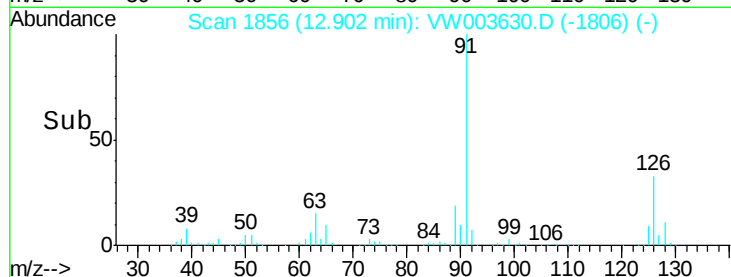
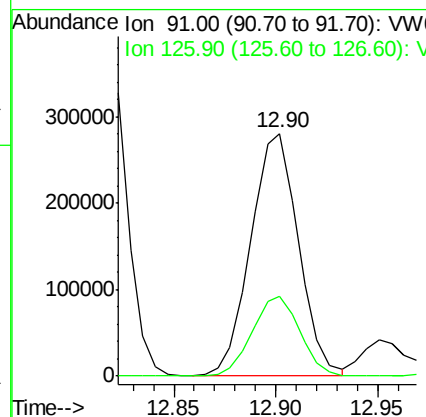
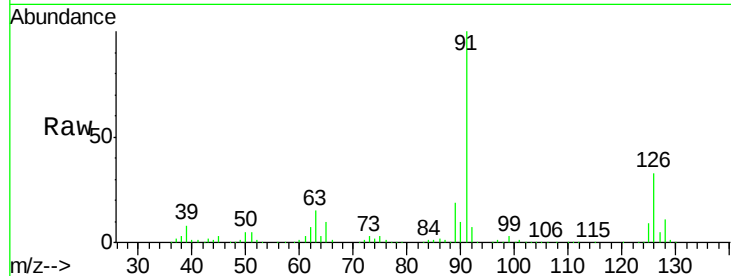
126 33.1 16.8 50.4

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#80

1,3,5-Trimethylbenzene

Concen: 53.60 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003630.D

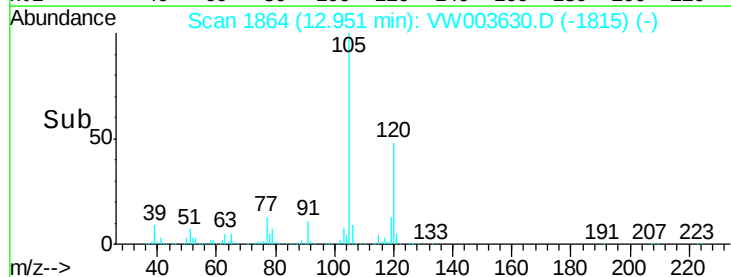
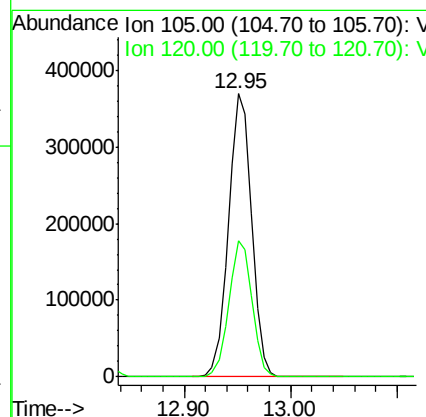
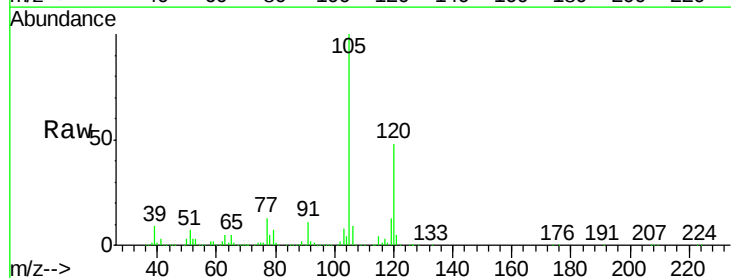
Acq: 28 Jun 2018 11:13

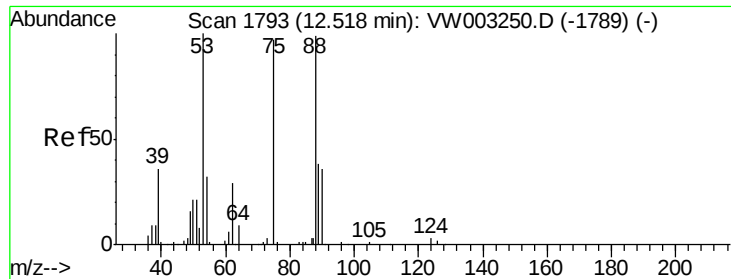
Tgt Ion:105 Resp: 561601

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.9





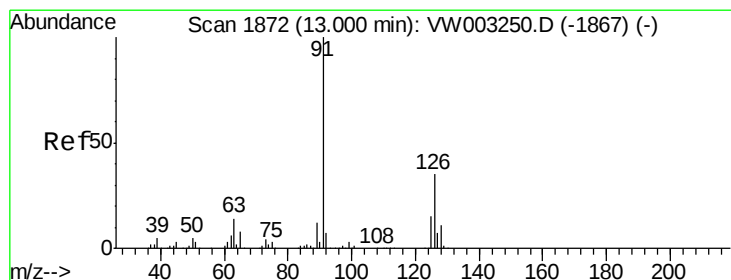
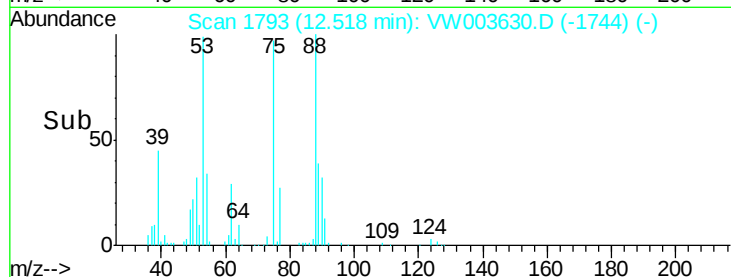
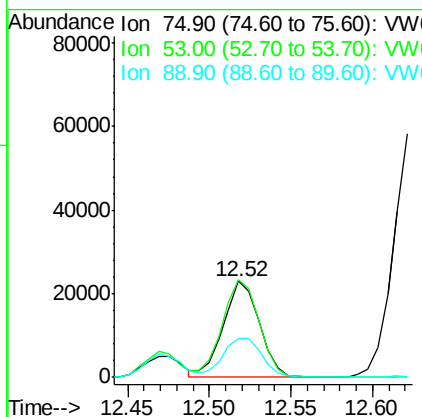
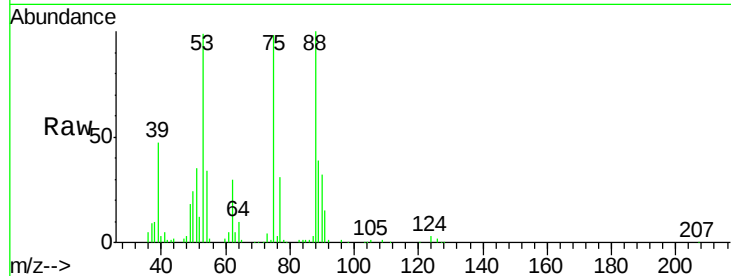
#81
trans-1,4-Dichloro-2-butene
Concen: 52.81 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	82.9	124.3
89	44.4	36.7	55.1

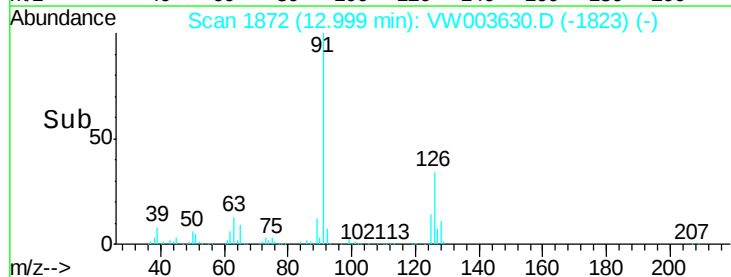
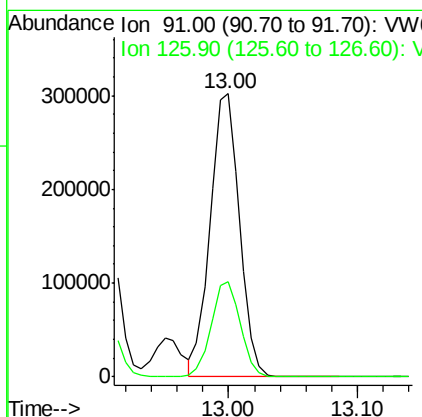
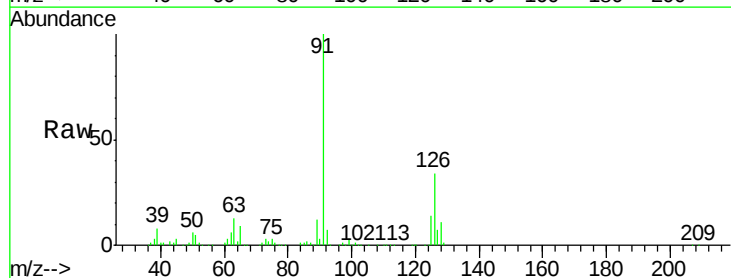
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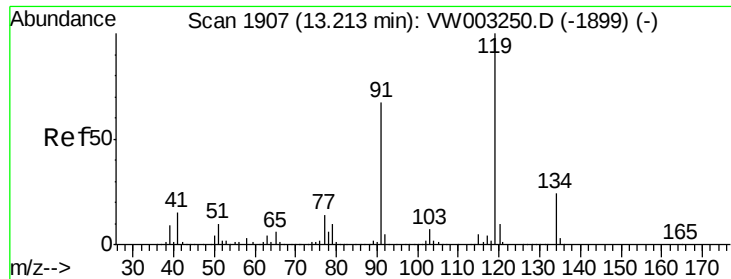
apatel
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#82
4-Chlorotoluene
Concen: 52.62 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.3





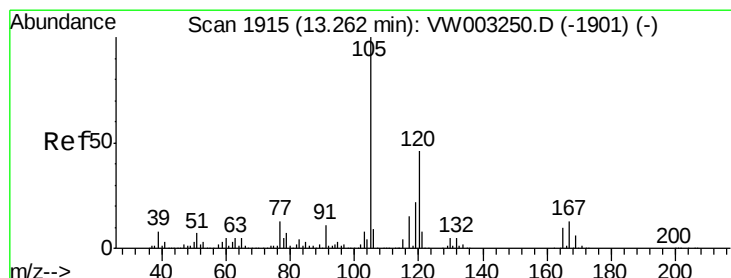
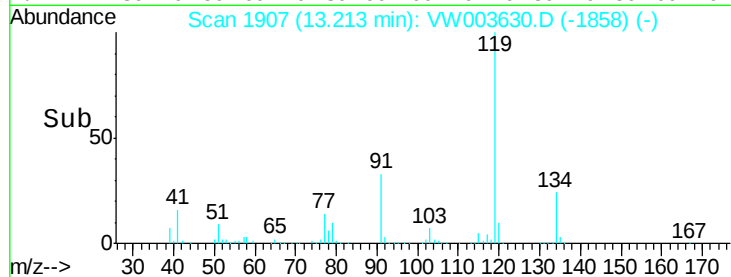
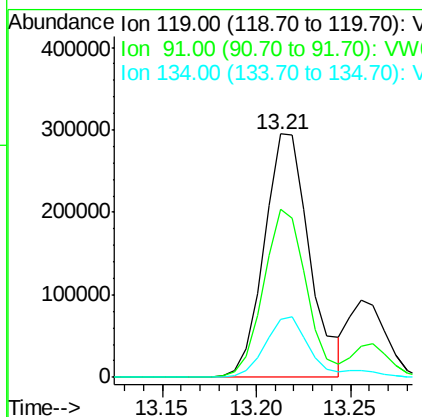
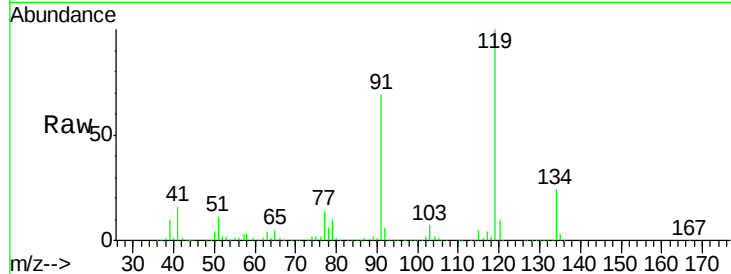
#83
tert-Butylbenzene
Concen: 55.01 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	491205		
91	65.5	33.9	101.7	
134	25.6	13.4	40.1	

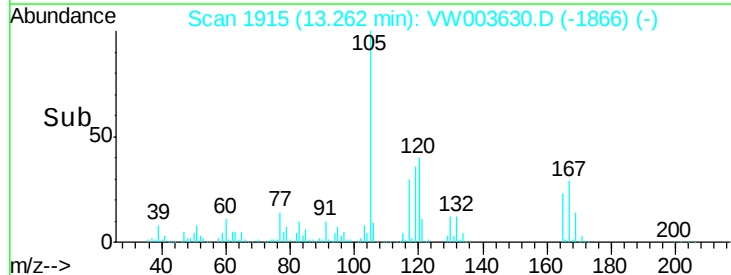
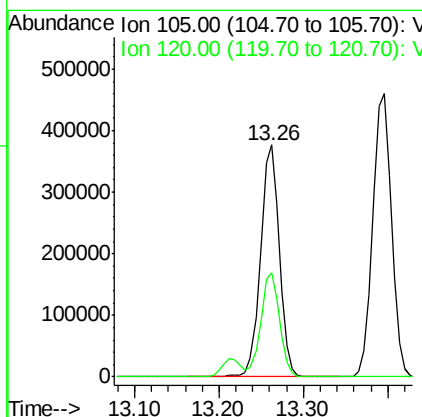
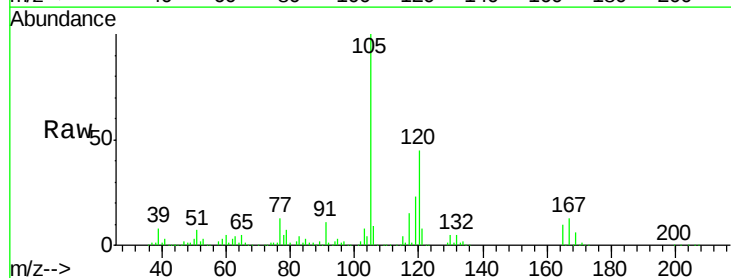
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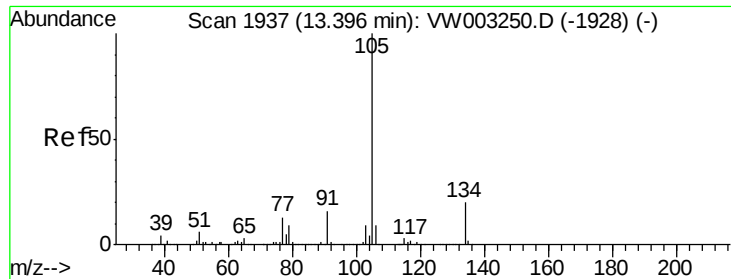
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#84
1,2,4-Trimethylbenzene
Concen: 53.52 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	576816		
120	44.8	22.5	67.5	





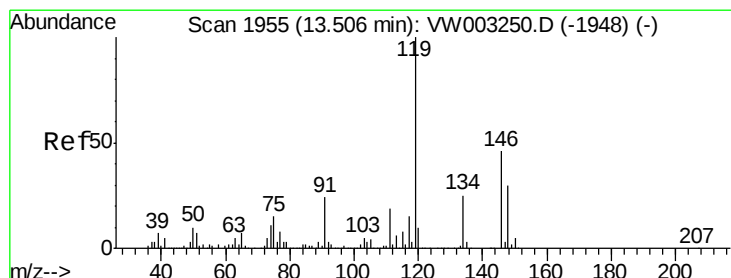
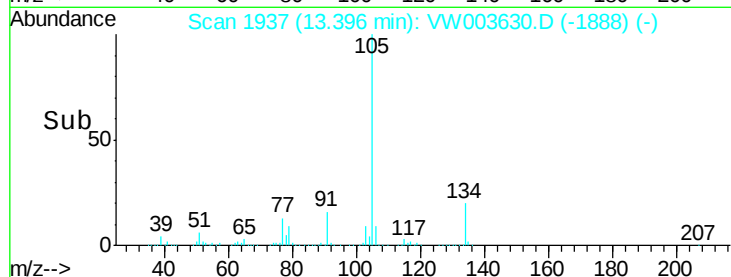
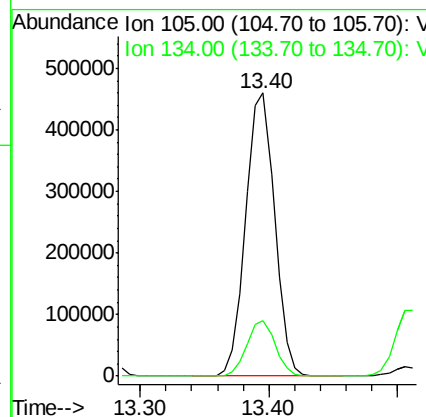
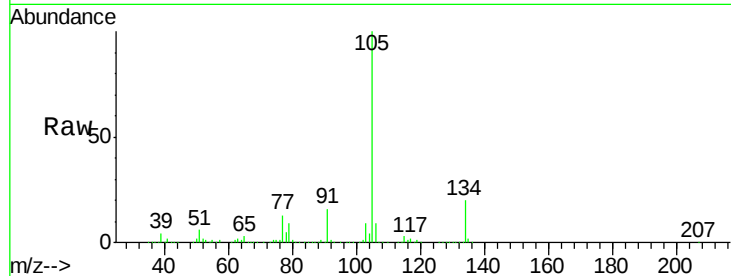
#85
 sec-Butylbenzene
 Concen: 53.68 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

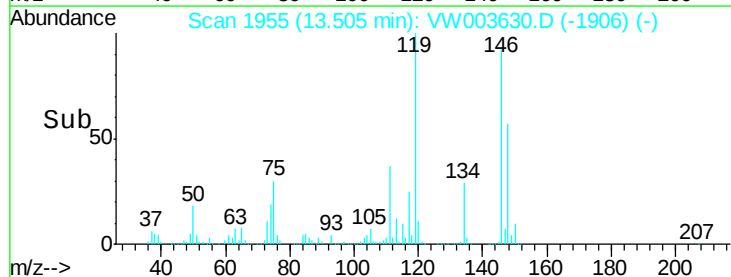
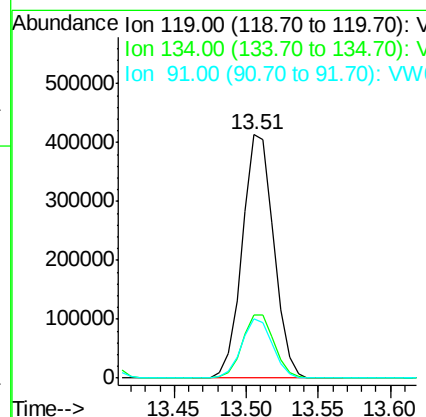
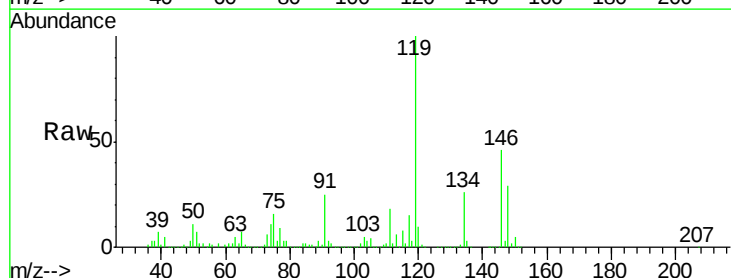
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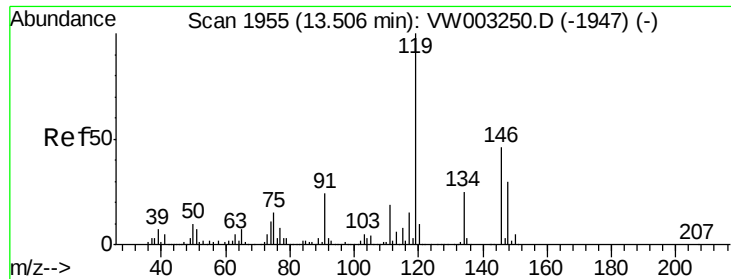
apatel
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#86
 p-Isopropyltoluene
 Concen: 53.48 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	12.9	38.7
91	23.8	11.8	35.3





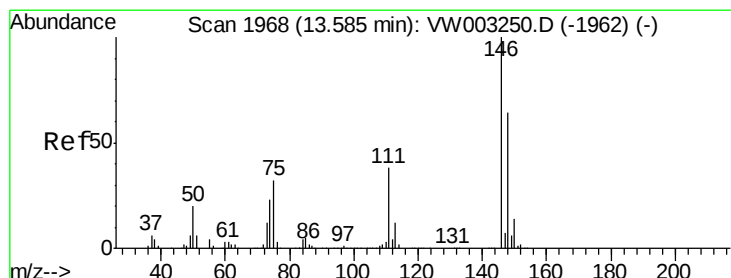
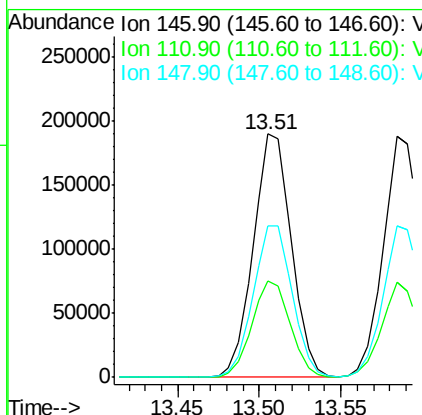
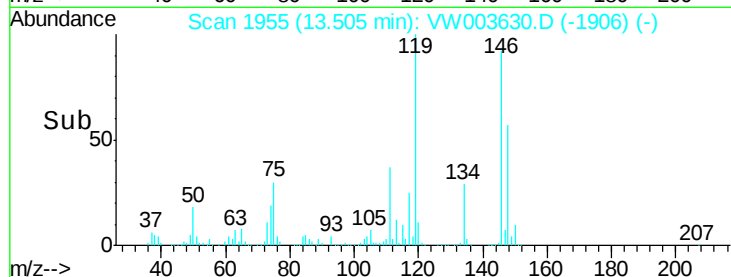
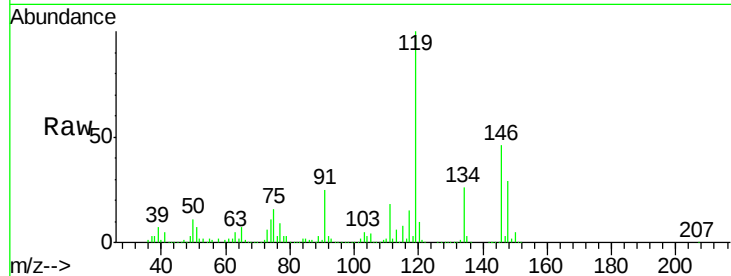
#87
 1,3-Dichlorobenzene
 Concen: 51.48 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	63.7	32.1	96.5

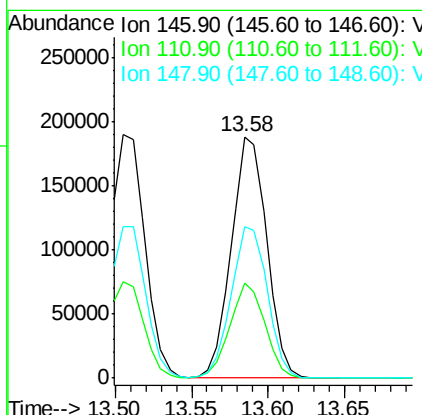
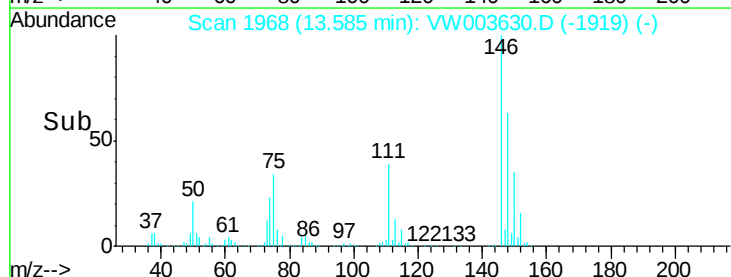
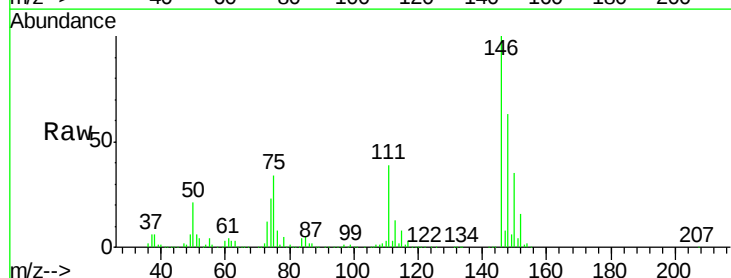
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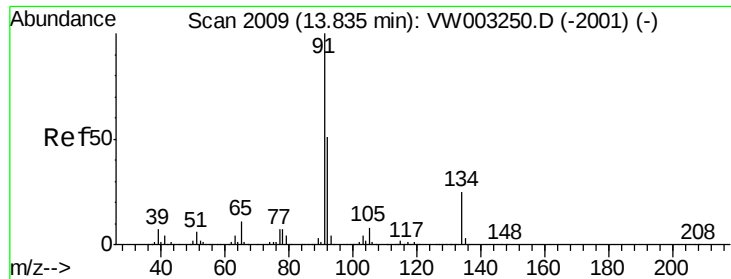
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#88
 1,4-Dichlorobenzene
 Concen: 50.97 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.2	57.6
148	63.9	31.8	95.4





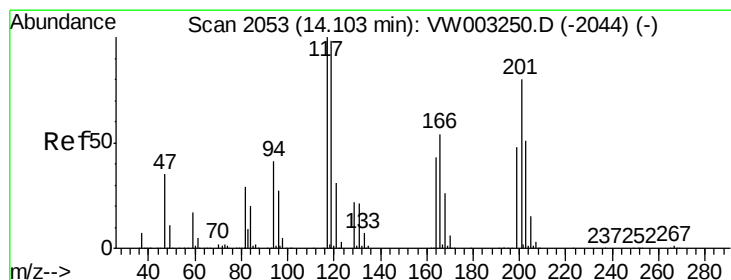
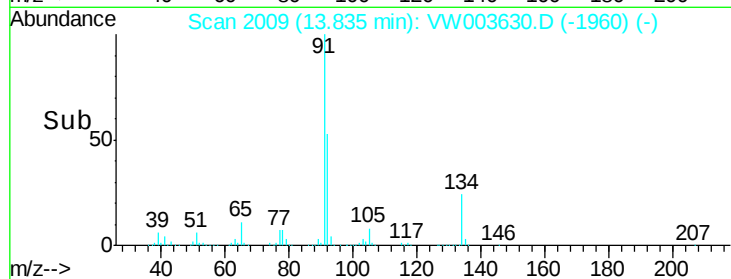
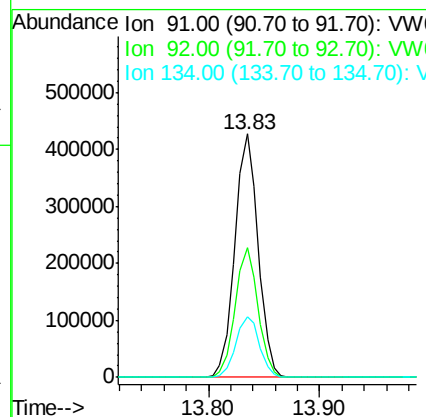
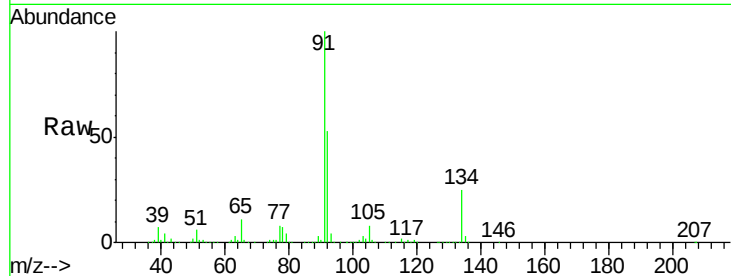
#89
n-Butylbenzene
Concen: 53.98 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	25.4	12.7	38.0

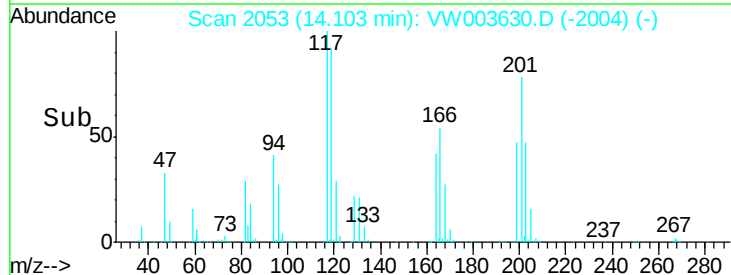
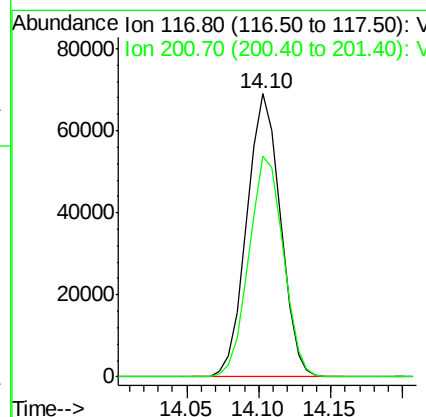
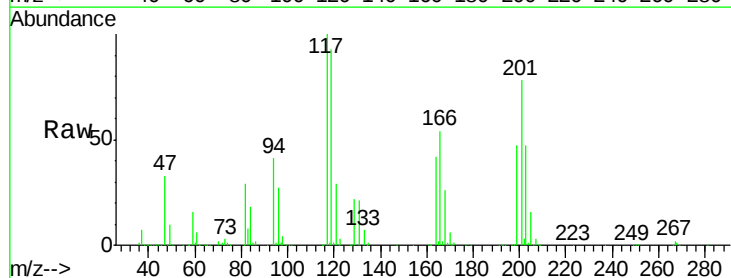
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#90
Hexachloroethane
Concen: 52.69 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 51.63 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. 0.01 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Instrument :

MSVOA_W

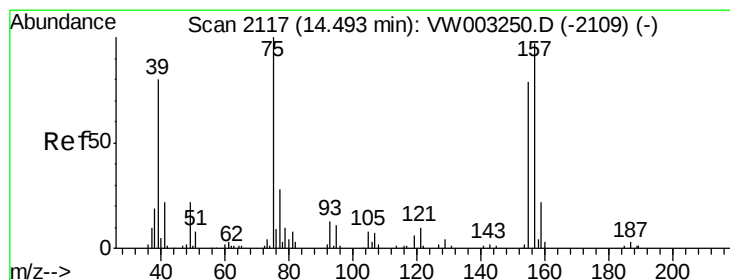
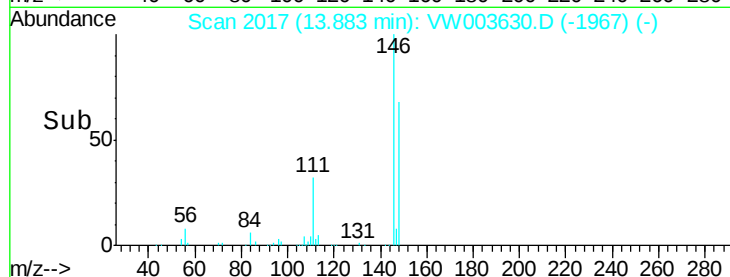
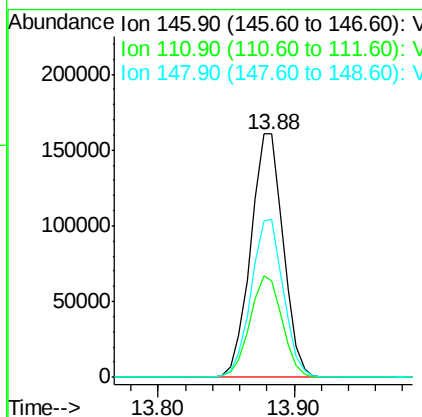
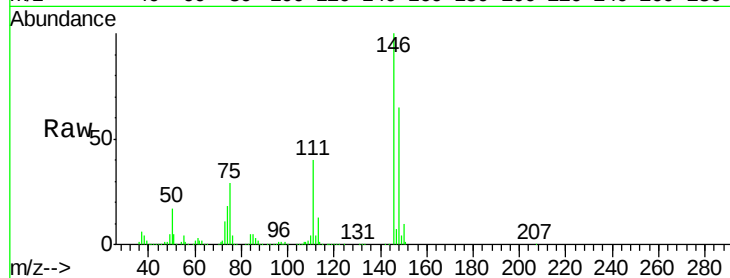
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	270104
Ion Ratio		Lower	Upper
146	100		
111	41.4	20.3	61.0
148	64.2	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.43 ug/l

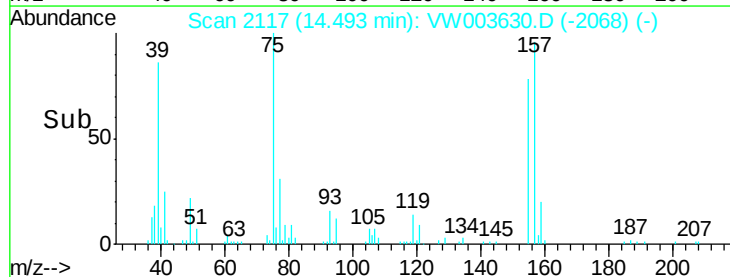
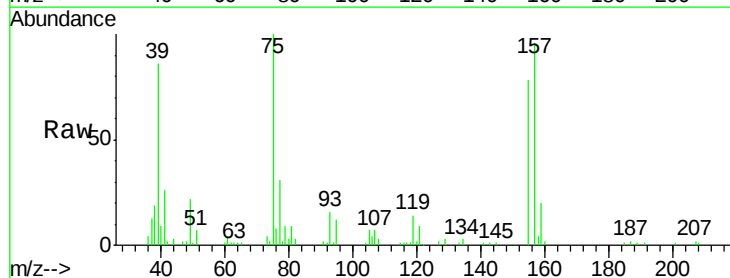
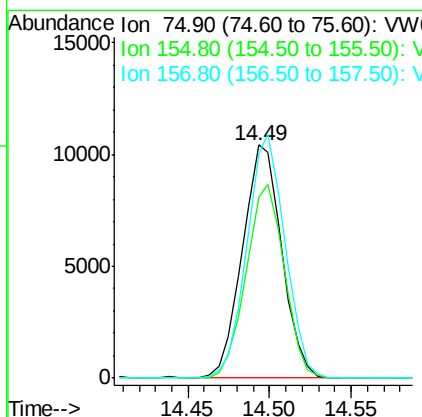
RT: 14.49 min Scan# 2117

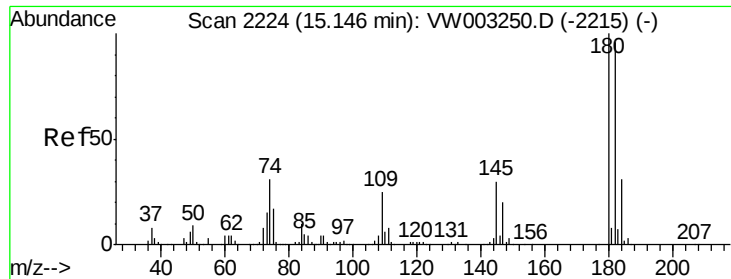
Delta R.T. -0.00 min

Lab File: VW003630.D

Acq: 28 Jun 2018 11:13

Tgt Ion:	75	Resp:	17566
Ion Ratio		Lower	Upper
75	100		
155	80.2	39.4	118.2
157	100.9	51.5	154.5





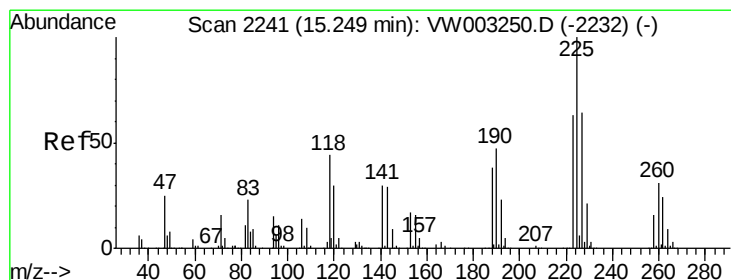
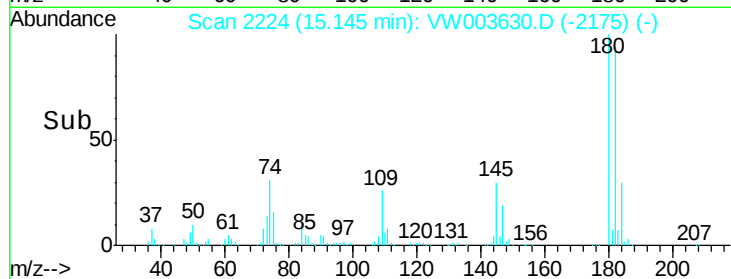
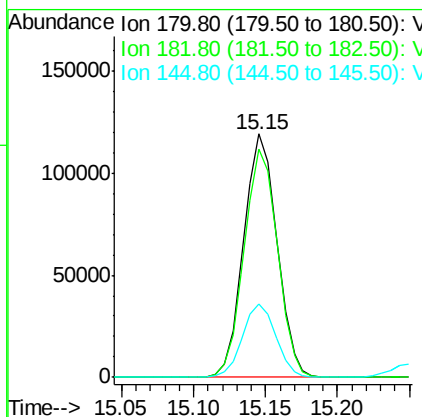
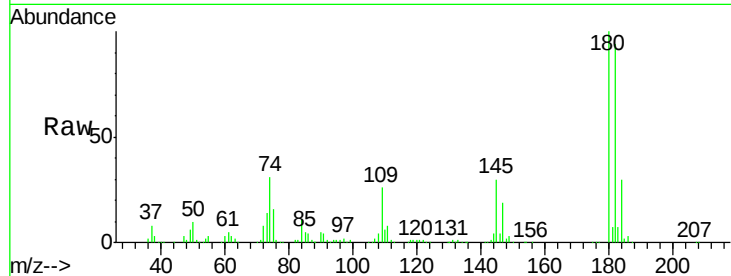
#93
 1,2,4-Trichlorobenzene
 Concen: 51.96 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	190810		
182	94.2	47.9	143.6	
145	30.4	15.2	45.5	

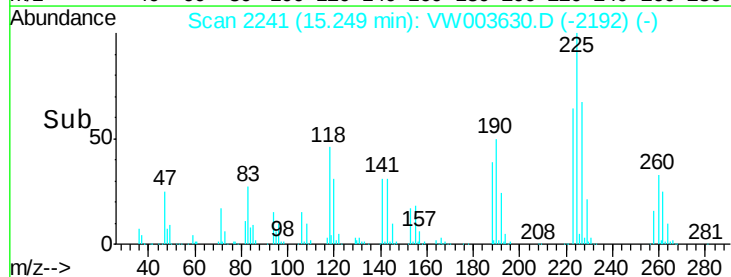
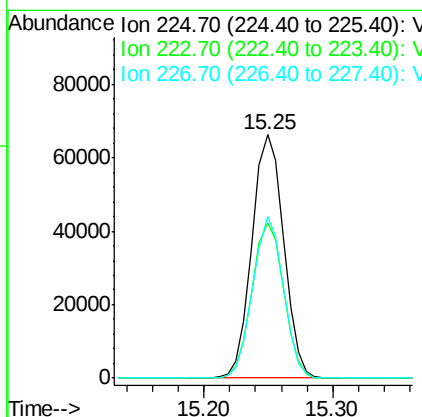
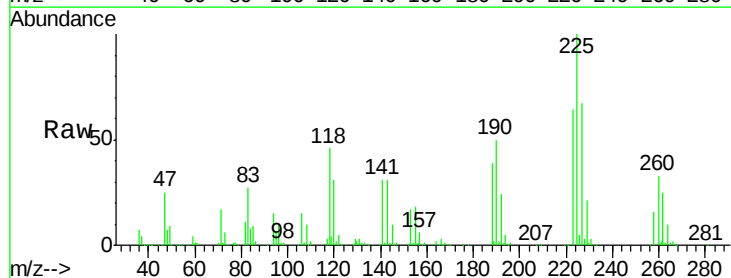
Manual Integrations
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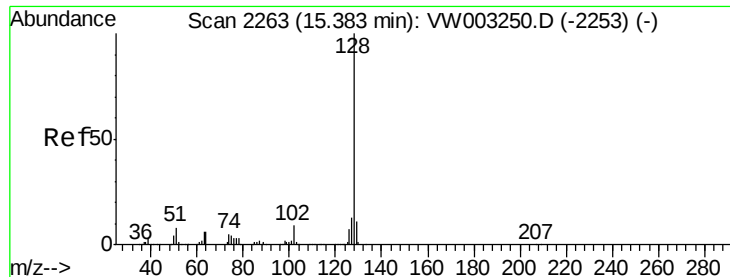
apatel
 6/29/2018 10:21:55 AM



#94
 Hexachlorobutadiene
 Concen: 50.99 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW003630.D
 Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112635		
223	63.8	30.6	92.0	
227	64.1	31.7	95.1	





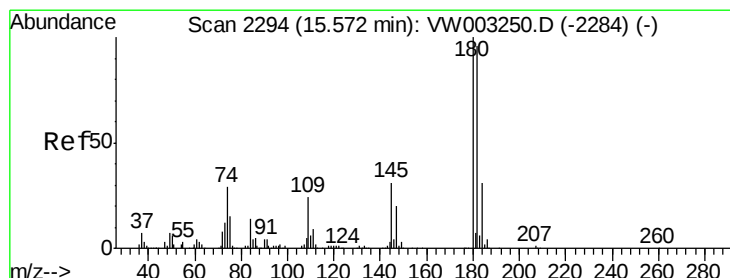
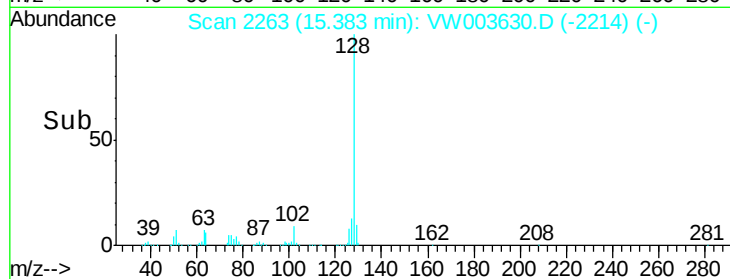
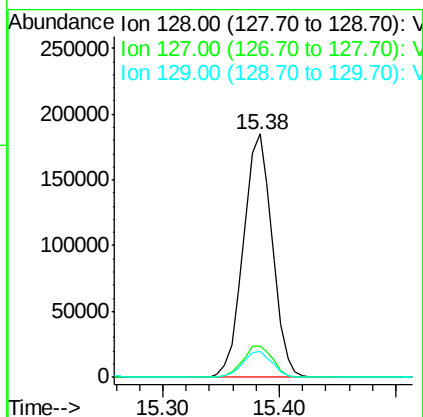
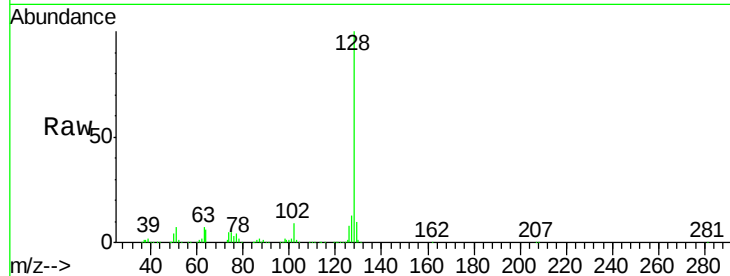
#95
Naphthalene
Concen: 51.55 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	321151		
127	13.3	10.5	15.7	
129	11.0	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.14 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW003630.D
Acq: 28 Jun 2018 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	165313		
182	94.9	47.9	143.6	
145	31.1	15.8	47.4	

