

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003454.D
 Acq On : 23 Jun 2018 12:36
 Operator : SY/AP
 Sample : VW0623SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Manual Integrations
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 6/25/2018 6:58:34 PM

Quant Time: Jun 25 02:44:54 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	270767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	415547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	382676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	205697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	156879	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
35) Dibromofluoromethane	7.88	113	140448	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	10.33	98	572735	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
62) 4-Bromofluorobenzene	12.62	95	199287	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30724	37.53	ug/l	91
3) Chloromethane	2.21	50	46525	22.49	ug/l	96
4) Vinyl Chloride	2.36	62	62506	20.73	ug/l	98
5) Bromomethane	2.78	94	38246	19.08	ug/l	99
6) Chloroethane	2.92	64	41903	19.97	ug/l	95
7) Trichlorofluoromethane	3.26	101	45911	25.42	ug/l	96
8) Diethyl Ether	3.68	74	25887	19.51	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54704	21.81	ug/l	99
10) Methyl Iodide	4.26	142	80915	21.33	ug/l	99
11) Tert butyl alcohol	5.26	59	12523m	79.62	ug/l	
12) 1,1-Dichloroethene	4.03	96	53391	21.78	ug/l	97
13) Acrolein	3.90	56	17539	77.99	ug/l	96
14) Allyl chloride	4.67	41	88356	20.81	ug/l	100
15) Acrylonitrile	5.38	53	53258	97.55	ug/l	99
16) Acetone	4.15	43	60594	98.51	ug/l	100
17) Carbon Disulfide	4.37	76	157808	21.78	ug/l	99
18) Methyl Acetate	4.68	43	26956	18.47	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	89285	19.45	ug/l	96
20) Methylene Chloride	4.92	84	58914	20.37	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	57139	21.42	ug/l	96
22) Diisopropyl ether	6.32	45	178735	20.92	ug/l	97
23) Vinyl Acetate	6.26	43	486243	98.75	ug/l	100
24) 1,1-Dichloroethane	6.22	63	109685	21.62	ug/l	99
25) 2-Butanone	7.19	43	74106	96.89	ug/l	100
26) 2,2-Dichloropropane	7.17	77	73380	21.67	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	61308	20.92	ug/l	97
28) Bromochloromethane	7.51	49	40845	19.35	ug/l	97
29) Tetrahydrofuran	7.54	42	42305	90.50	ug/l	99
30) Chloroform	7.68	83	110022	21.29	ug/l	99
31) Cyclohexane	7.96	56	100957	21.30	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	93364	21.89	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88616	22.08	ug/l	99
37) Ethyl Acetate	7.26	43	32353	19.46	ug/l	98
38) Carbon Tetrachloride	8.07	117	86886	22.07	ug/l	96

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 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)
39) Methylcyclohexane	9.34	83	100675	21.68	ug/l	99
40) Benzene	8.33	78	239975	21.69	ug/l	100
41) Methacrylonitrile	7.49	41	18729	18.36	ug/l	97
42) 1,2-Dichloroethane	8.40	62	72626	20.96	ug/l	99
43) Isopropyl Acetate	8.43	43	61309	18.57	ug/l	97
44) Trichloroethene	9.10	130	63697	21.73	ug/l	97
45) 1,2-Dichloropropane	9.37	63	60525	21.49	ug/l	99
46) Dibromomethane	9.46	93	30302	21.01	ug/l	99
47) Bromodichloromethane	9.65	83	77788	21.05	ug/l	97
48) Methyl methacrylate	9.44	41	30128	19.42	ug/l	97
49) 1,4-Dioxane	9.50	88	7519	345.35	ug/l	84
51) 4-Methyl-2-Pentanone	10.21	43	159886	95.05	ug/l	99
52) Toluene	10.39	92	154756	21.82	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	76870	20.36	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	89309	20.78	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41725	20.53	ug/l	96
56) Ethyl methacrylate	10.65	69	45405	18.40	ug/l	95
57) 1,3-Dichloropropane	10.94	76	71639	20.44	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	110608	100.00	ug/l	99
59) 2-Hexanone	10.98	43	113753	96.80	ug/l	99
60) Dibromochloromethane	11.13	129	48533	20.08	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38414	19.99	ug/l	100
64) Tetrachloroethene	10.87	164	53414	20.87	ug/l	97
65) Chlorobenzene	11.66	112	166759	20.93	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	57613	20.57	ug/l	99
67) Ethyl Benzene	11.74	91	299731	21.22	ug/l	100
68) m/p-Xylenes	11.85	106	232288	43.26	ug/l	98
69) o-Xylene	12.17	106	106200	21.34	ug/l	99
70) Styrene	12.19	104	174858	21.11	ug/l	100
71) Bromoform	12.35	173	28138	19.39	ug/l #	98
73) Isopropylbenzene	12.47	105	301243	21.06	ug/l	99
74) N-amyl acetate	12.28	43	58329	17.91	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47680	19.70	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	39637m	22.54	ug/l	
77) Bromobenzene	12.76	156	68515	20.56	ug/l	99
78) n-propylbenzene	12.81	91	376567	21.50	ug/l	100
79) 2-Chlorotoluene	12.90	91	209830	21.19	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	260048	21.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13832	18.10	ug/l	93
82) 4-Chlorotoluene	12.99	91	220900	21.03	ug/l	100
83) tert-Butylbenzene	13.21	119	215866	21.09	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	263483	21.33	ug/l	100
85) sec-Butylbenzene	13.39	105	328199	21.57	ug/l	100
86) p-Isopropyltoluene	13.51	119	287724	21.44	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	144540	21.12	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	142105	20.88	ug/l	98
89) n-Butylbenzene	13.84	91	281837	21.55	ug/l	100
90) Hexachloroethane	14.10	117	51611	21.26	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	123588	20.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7718	18.95	ug/l	97

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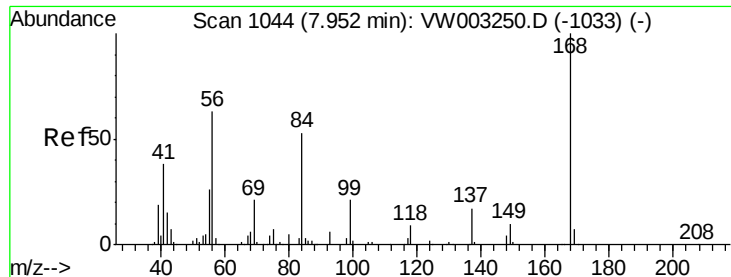
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86501	20.55	ug/l	98
94) Hexachlorobutadiene	15.25	225	54007	21.33	ug/l	99
95) Naphthalene	15.38	128	133496	18.70	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73632	19.87	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: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

VW0623SBS01

Tot Ion:168 Resp: 270767

Ion Ratio Lower Upper

168 100

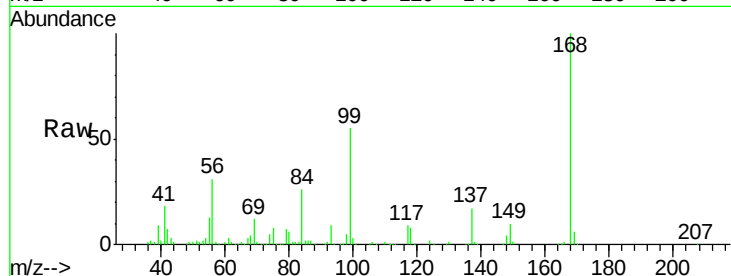
99 54.7 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

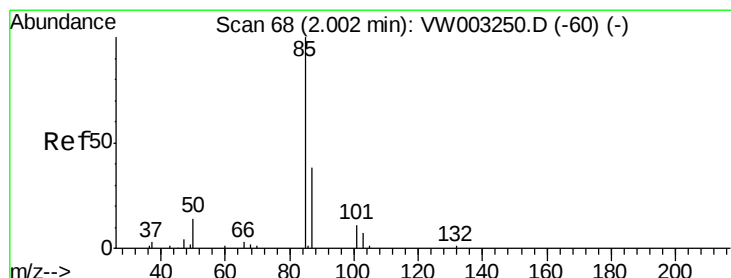
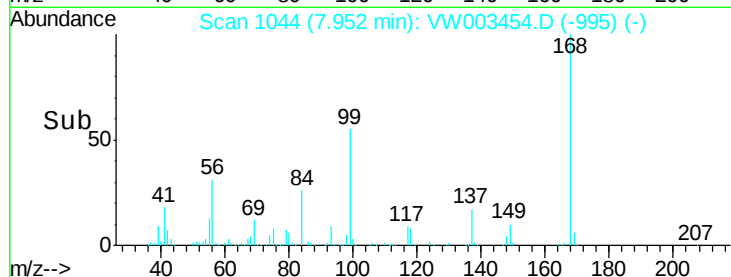
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 37.53 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003454.D

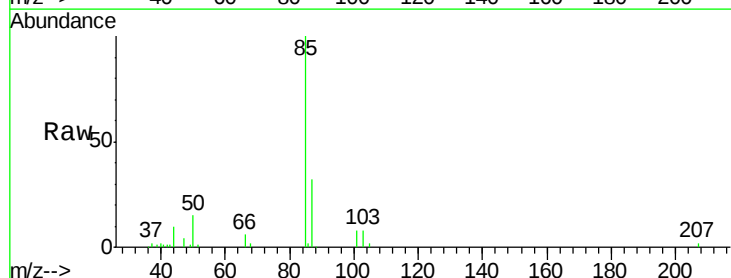
Acq: 23 Jun 2018 12:36

Tgt Ion: 85 Resp: 30724

Ion Ratio Lower Upper

85 100

87 32.1 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

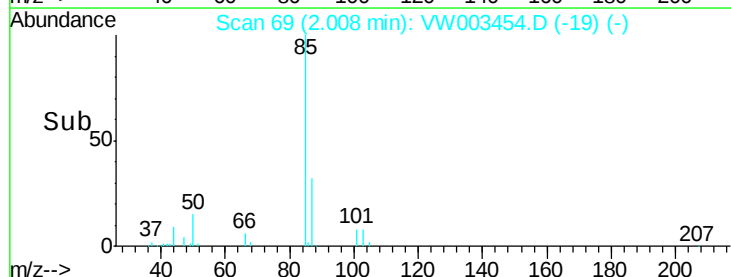
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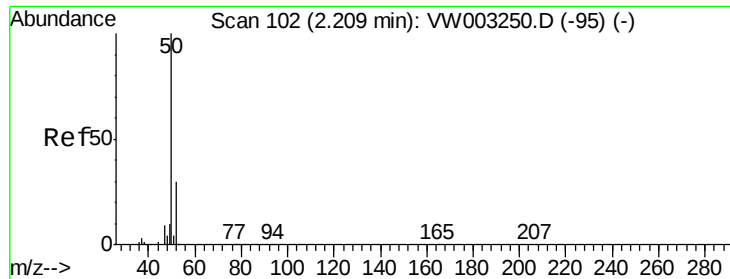
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 22.49 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 50 Resp: 46525

Ion Ratio Lower Upper

50 100

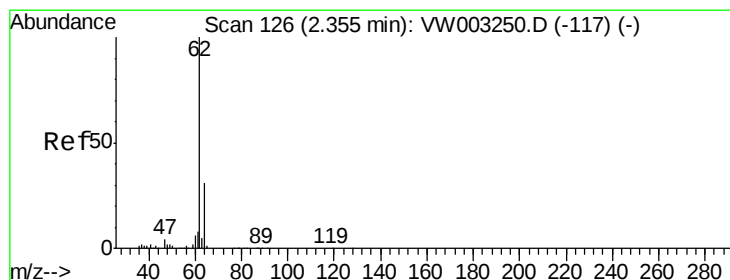
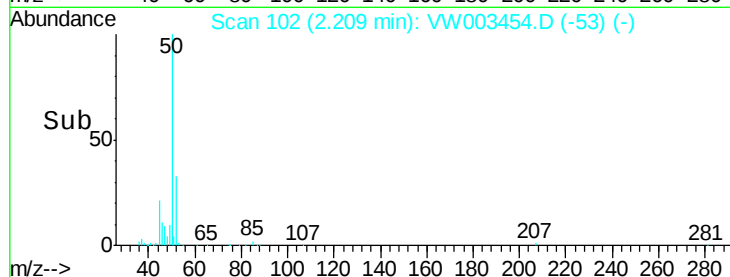
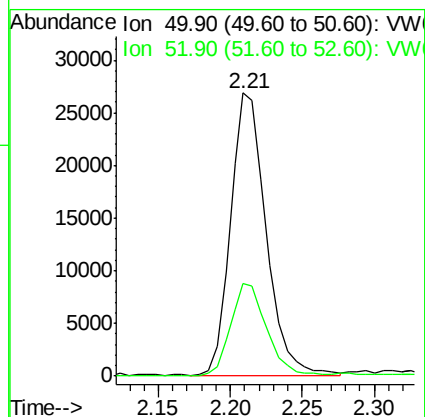
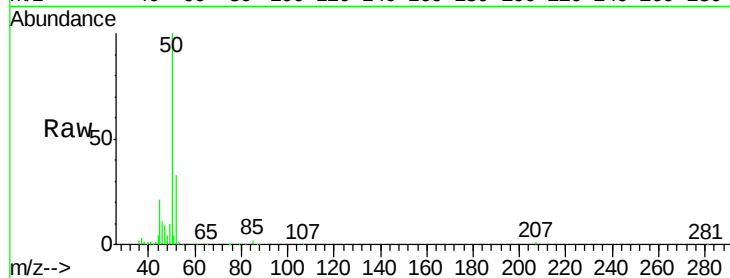
52 32.6 24.2 36.2

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#4

Vinyl Chloride

Concen: 20.73 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003454.D

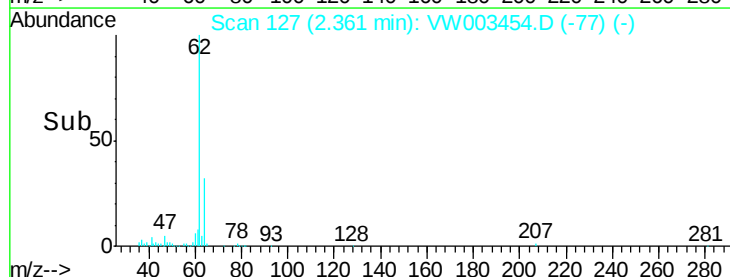
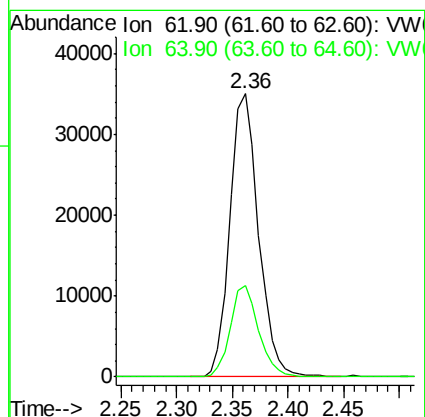
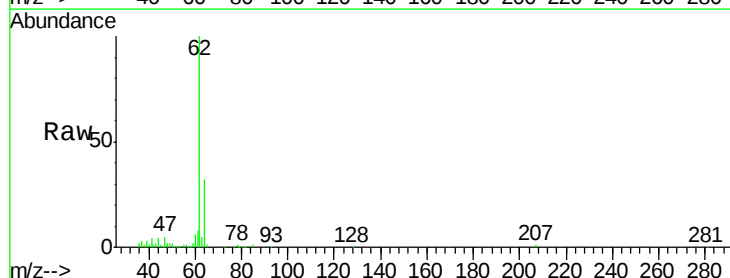
Acq: 23 Jun 2018 12:36

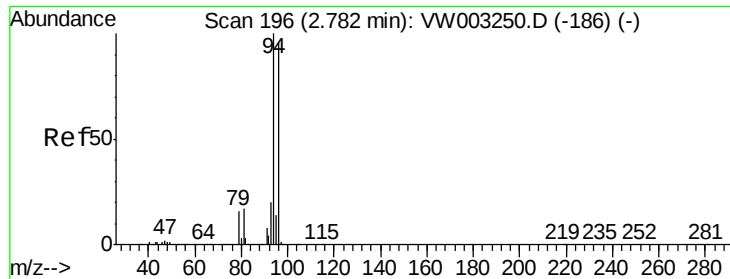
Tgt Ion: 62 Resp: 62506

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3





#5

Bromomethane

Concen: 19.08 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 94 Resp: 38246

Ion Ratio Lower Upper

94 100

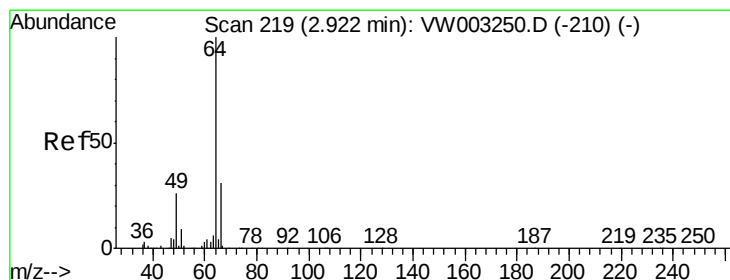
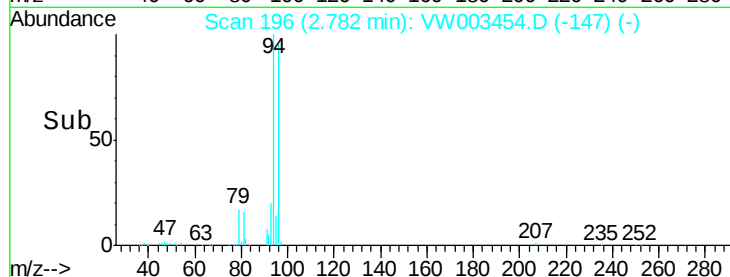
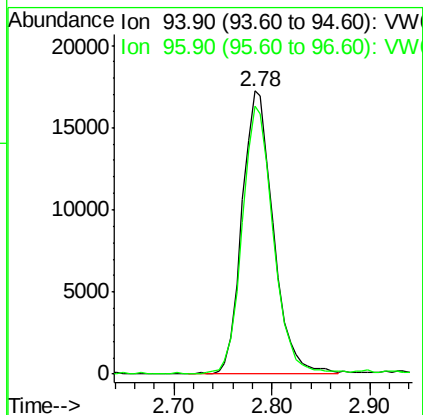
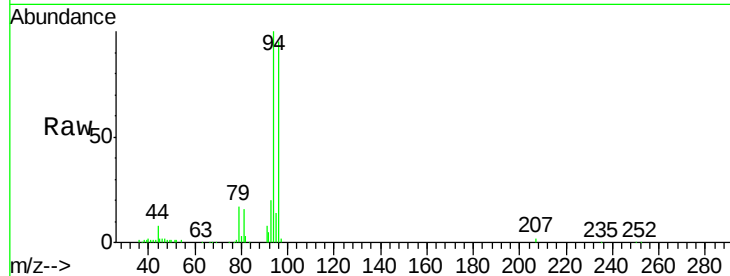
96 94.9 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 19.97 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003454.D

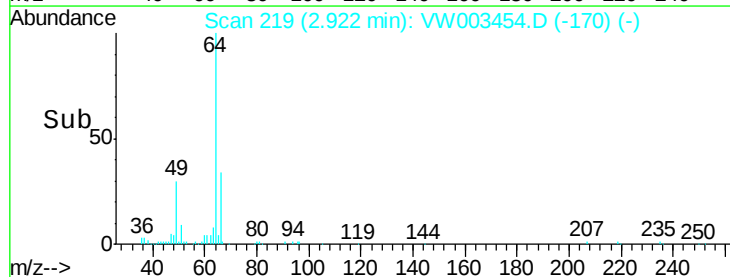
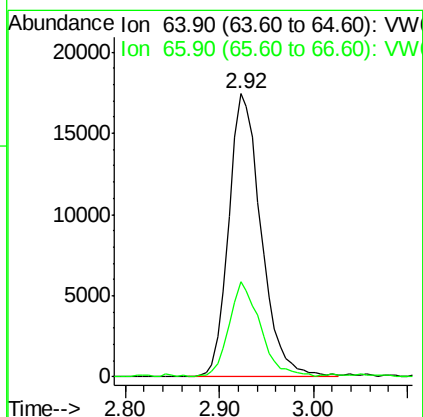
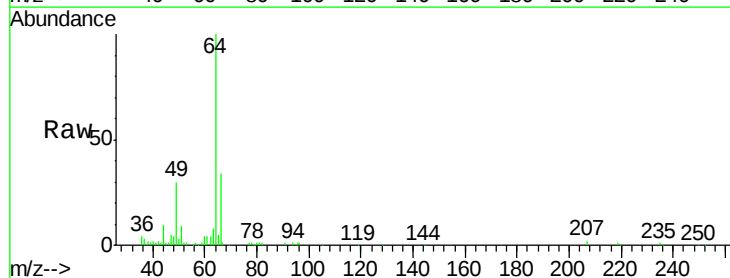
Acq: 23 Jun 2018 12:36

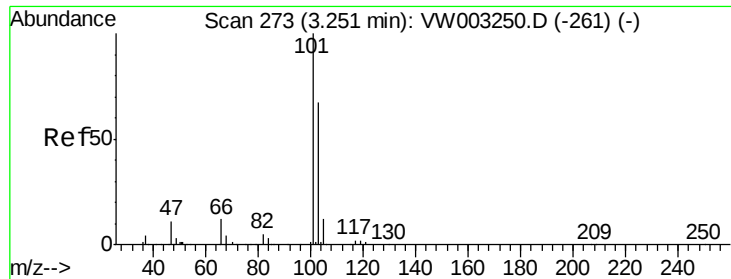
Tgt Ion: 64 Resp: 41903

Ion Ratio Lower Upper

64 100

66 33.1 24.4 36.6





#7

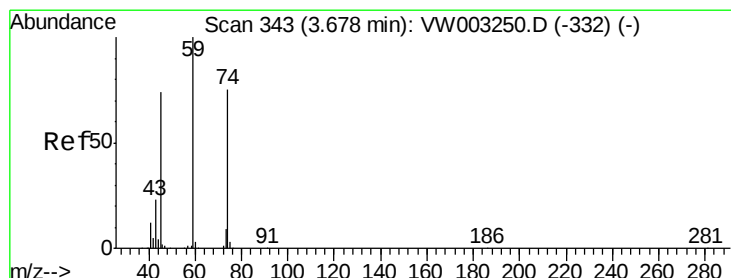
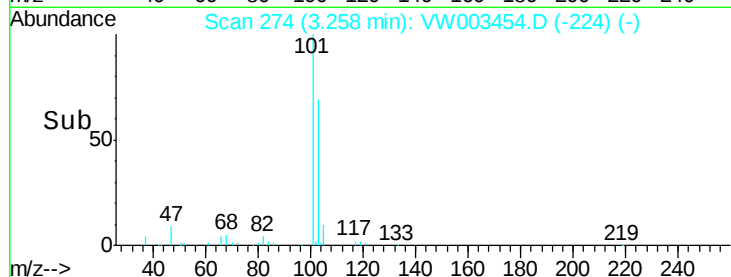
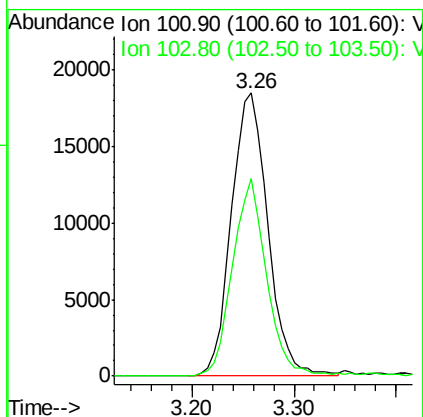
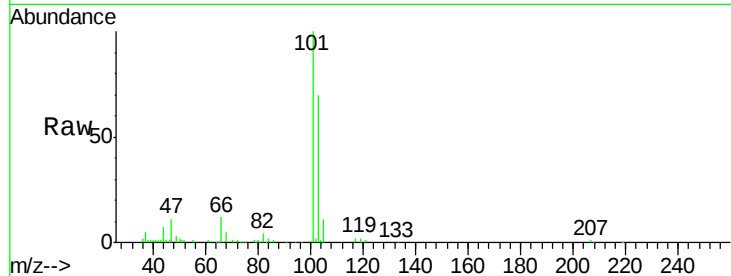
Trichlorofluoromethane
 Concen: 25.42 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
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 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.8	53.4	80.0

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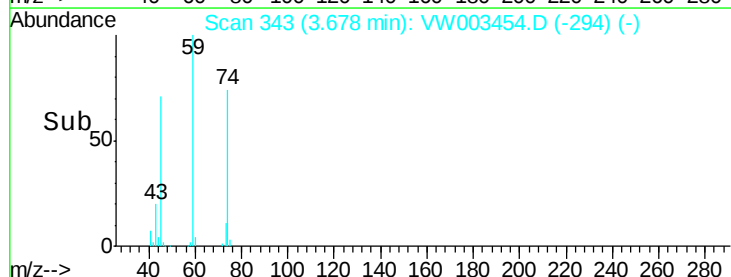
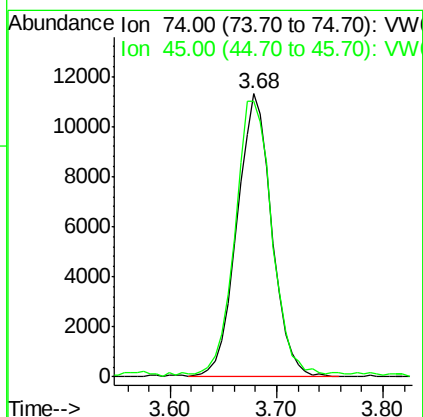
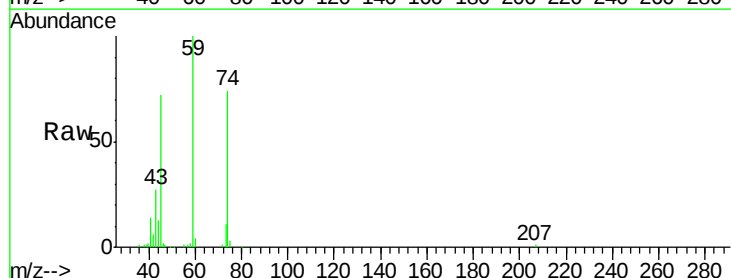
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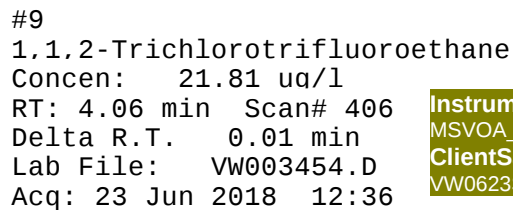


#8

Diethyl Ether
 Concen: 19.51 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.4	51.4	154.2



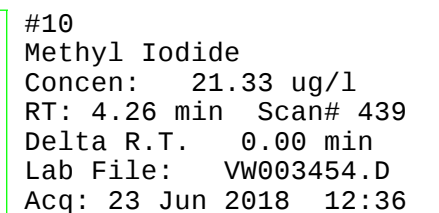
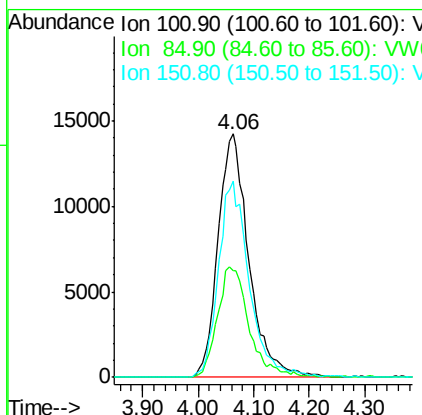


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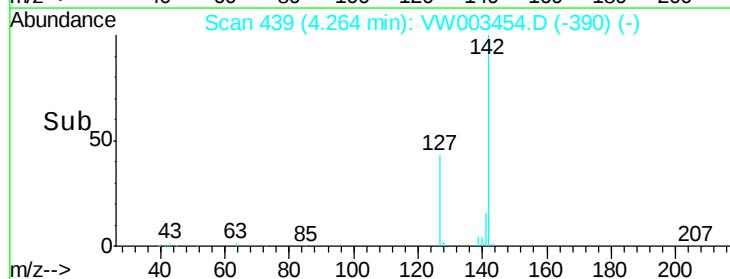
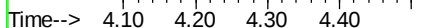
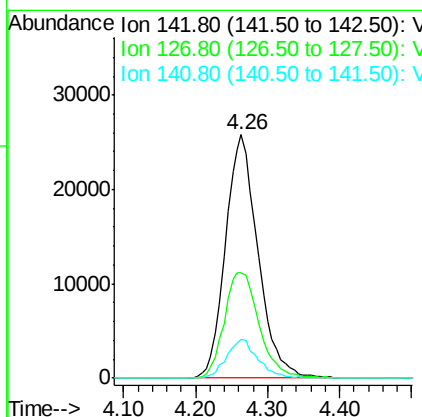
Tot	Ion:101	Resp:	54704
Ion	Ratio	Lower	Upper
101	100		
85	46.6	37.0	55.6
151	80.2	63.3	94.9

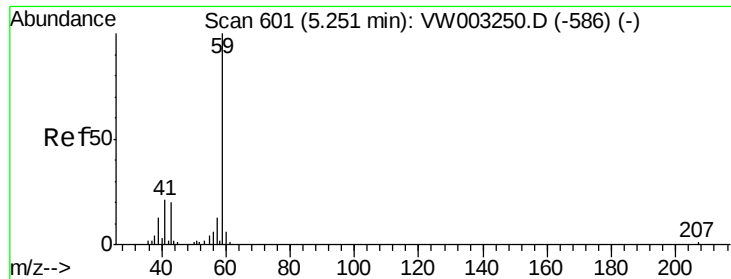
Manual Integrations
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Tgt	Ion:142	Resp:	80915
Ion	Ratio	Lower	Upper
142	100		
127	46.8	36.5	54.7
141	15.1	12.1	18.1





#11

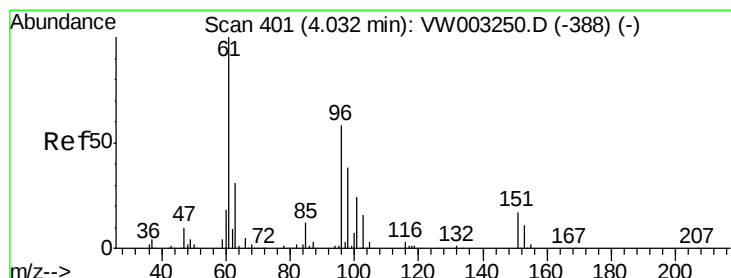
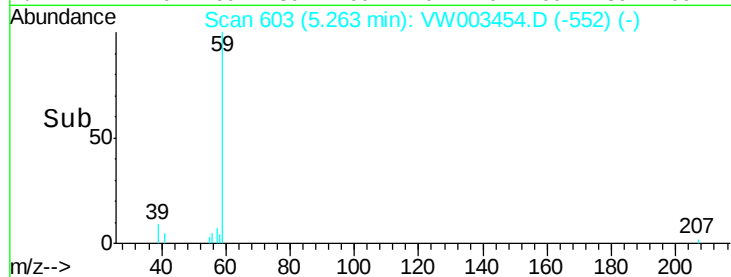
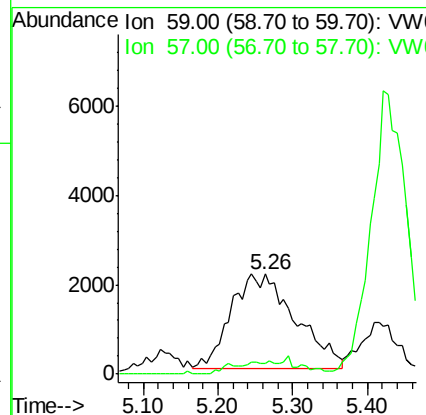
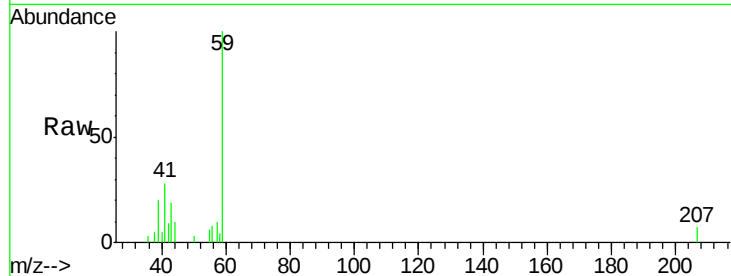
Tert butvl alcohol
Concen: 79.62 ug/l m
RT: 5.26 min Scan# 603
Delta R.T. 0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

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

Manual Integrations
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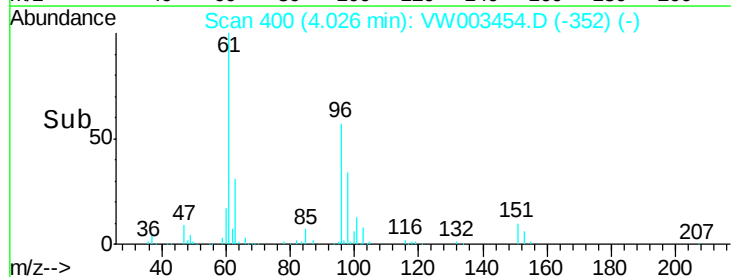
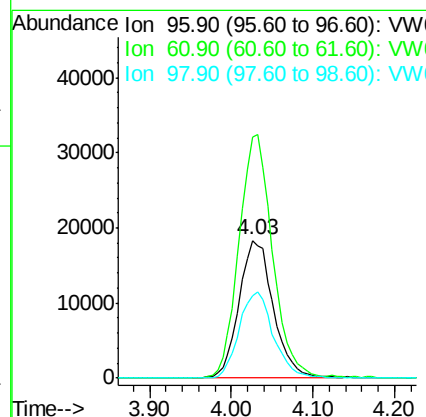
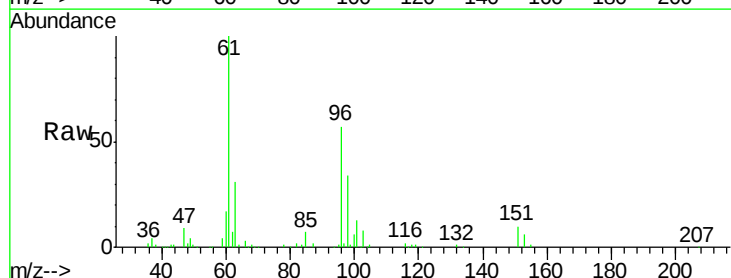
apatel
6/25/2018 6:58:34 PM

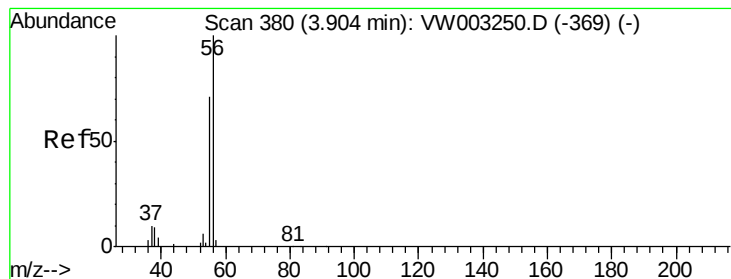


#12

1,1-Dichloroethene
Concen: 21.78 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.9	139.0	208.4
98	60.1	53.3	79.9





#13

Acrolein

Concen: 77.99 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 56 Resp: 17539

Ion Ratio Lower Upper

56 100

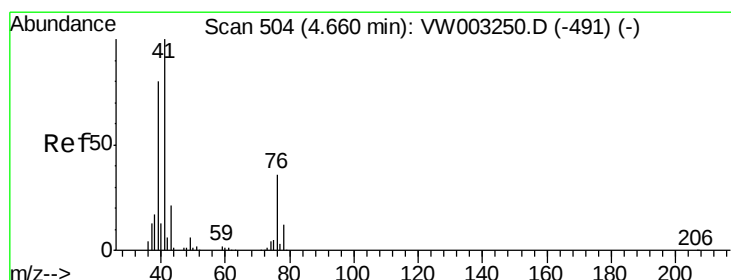
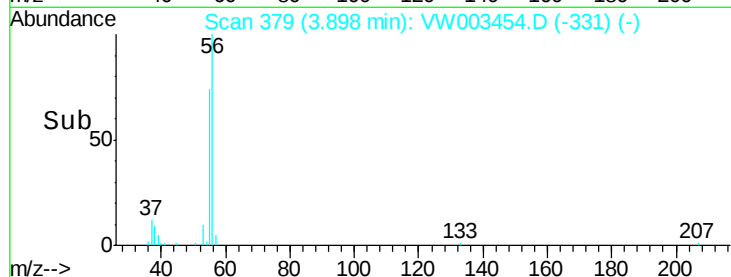
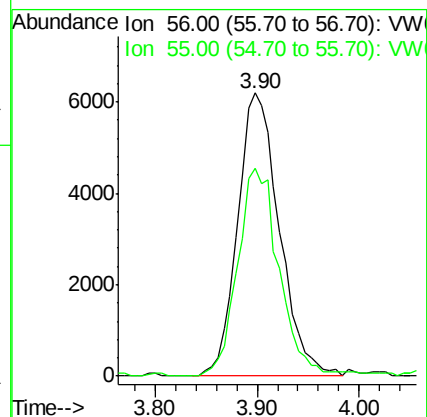
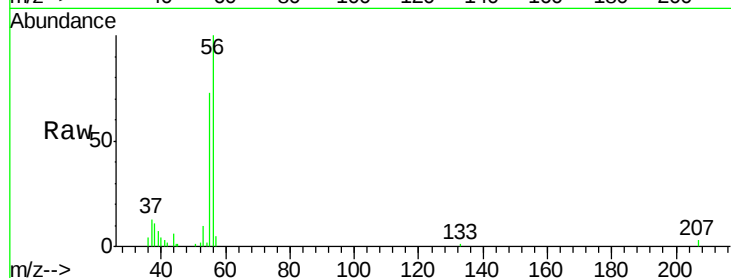
55 72.7 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.81 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

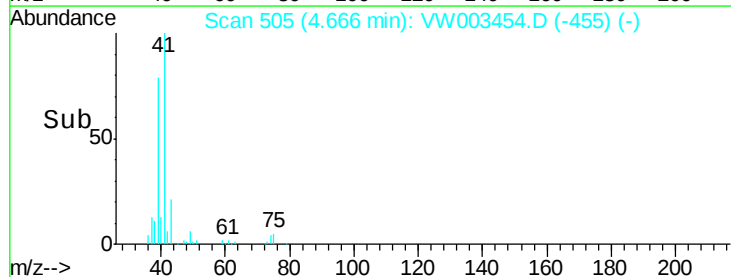
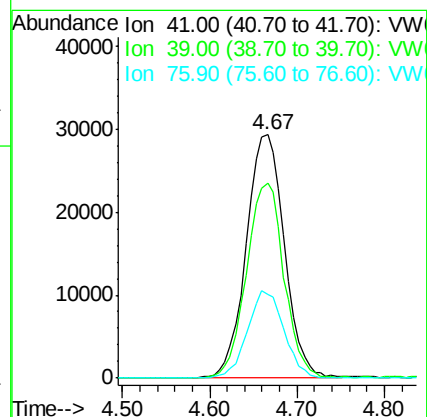
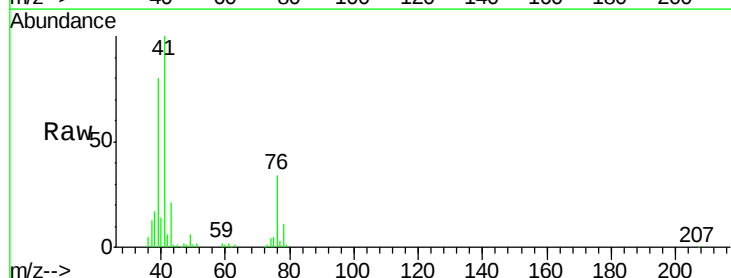
Tgt Ion: 41 Resp: 88356

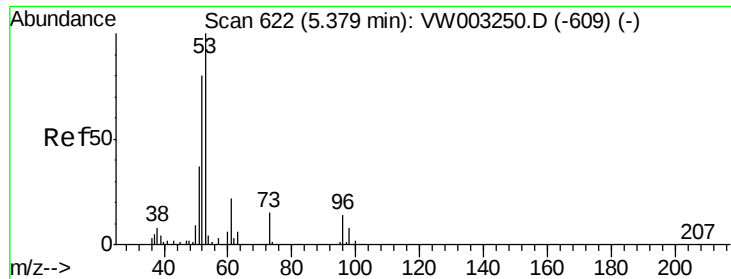
Ion Ratio Lower Upper

41 100

39 78.9 63.2 94.8

76 34.7 28.0 42.0





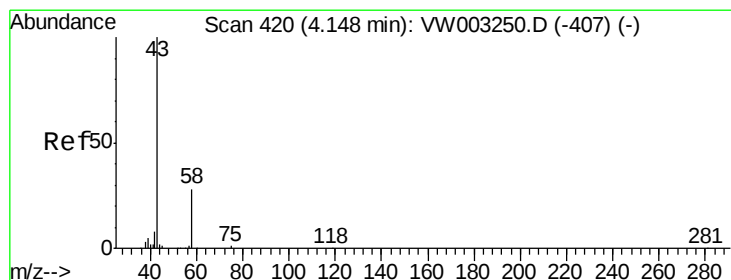
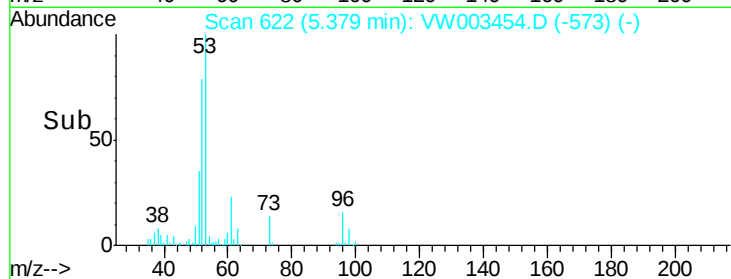
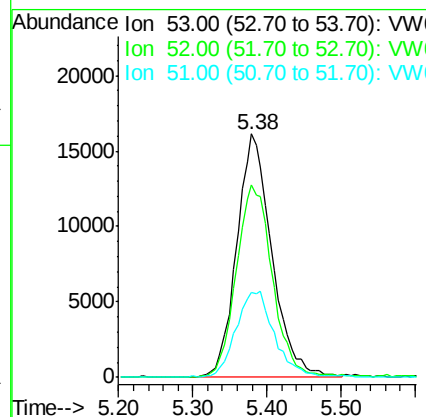
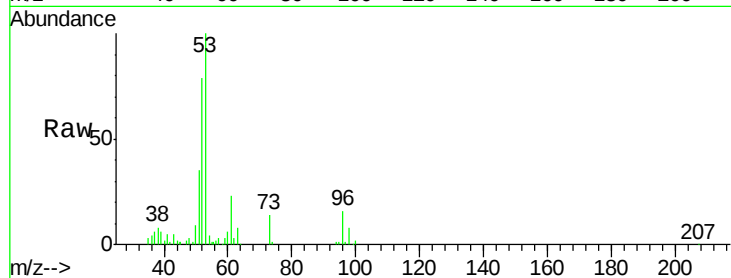
#15
 Acrylonitrile
 Concen: 97.55 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.6	100.0
51	38.3	30.6	46.0

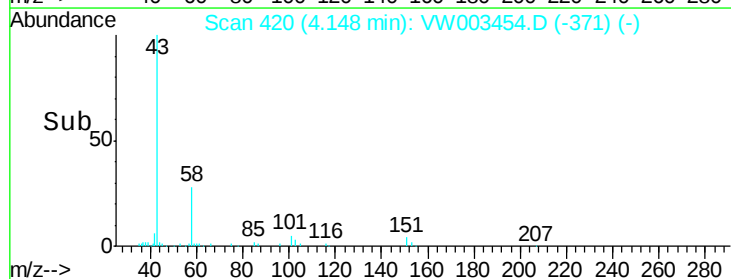
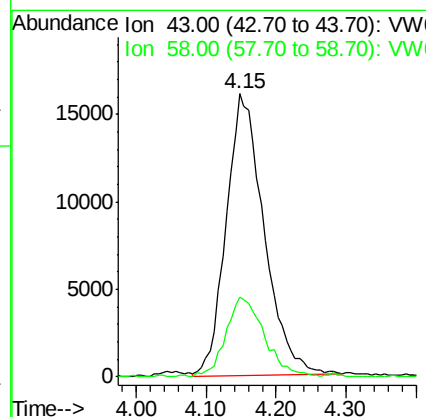
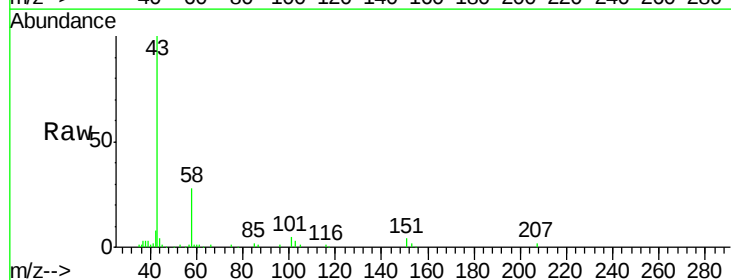
Manual Integrations
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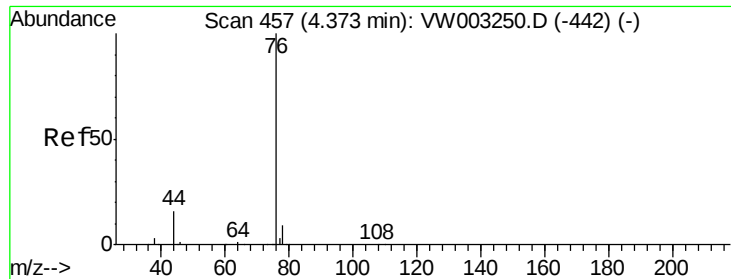
apatel
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#16
 Acetone
 Concen: 98.51 ug/l
 RT: 4.15 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.6	34.0





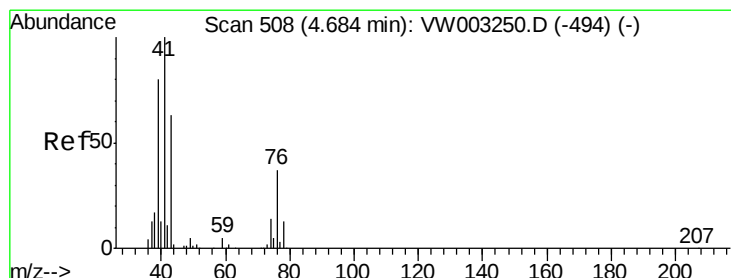
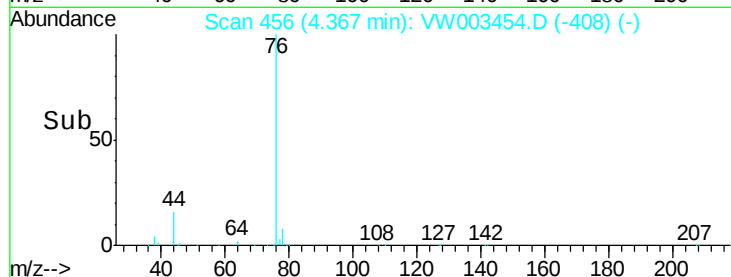
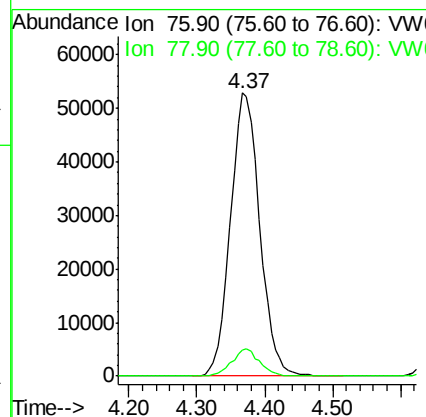
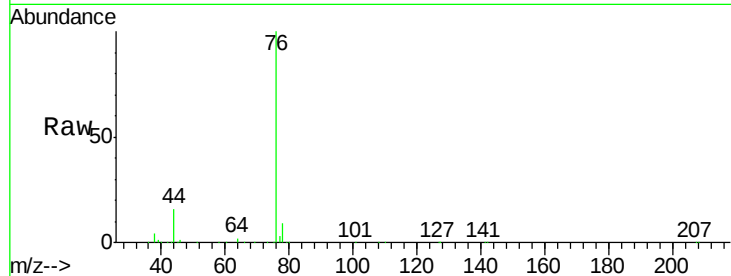
#17
Carbon Disulfide
Concen: 21.78 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

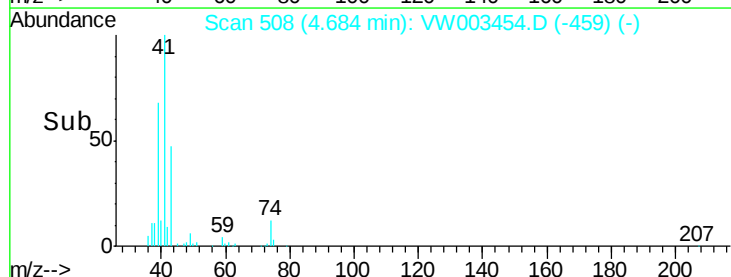
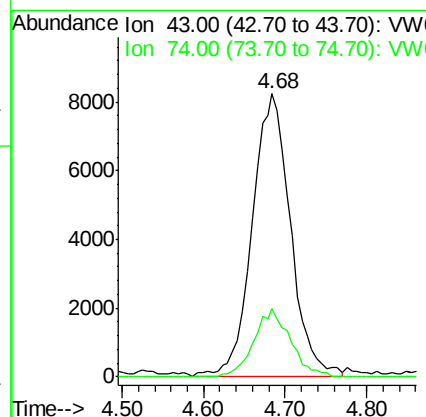
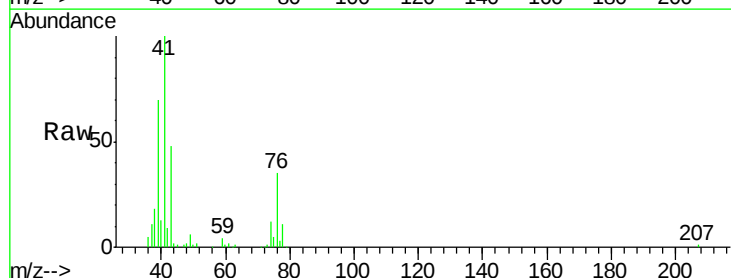
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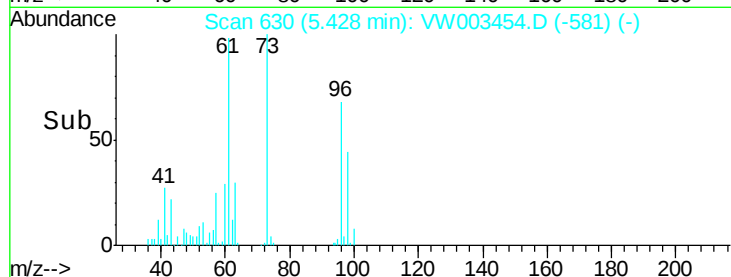
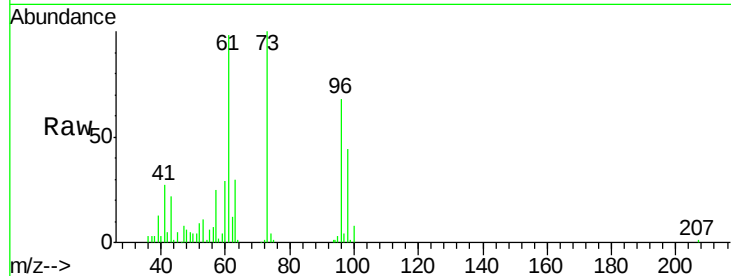
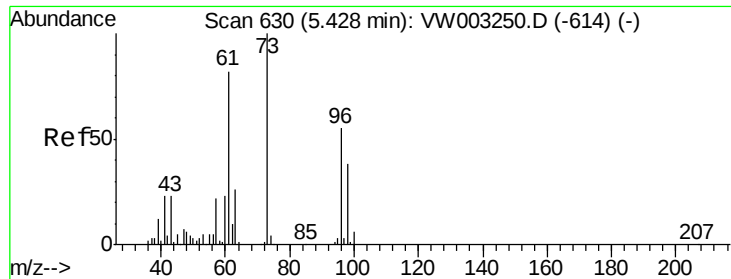
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#18
Methyl Acetate
Concen: 18.47 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.7	28.1





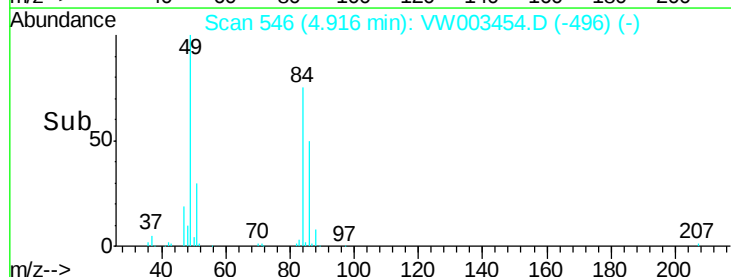
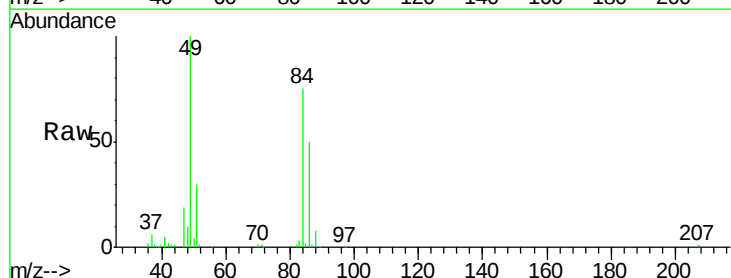
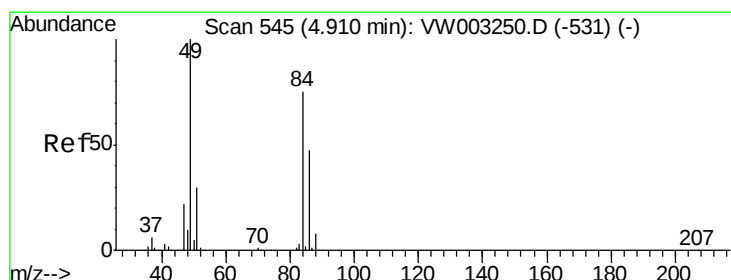
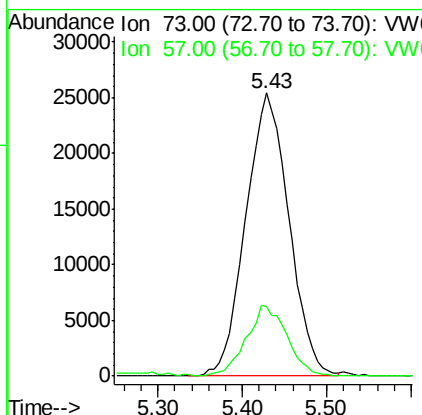
#19
Methvl tert-butvl Ether
Concen: 19.45 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tot Ion: 73 Resp: 89285
Ion Ratio Lower Upper
73 100
57 24.4 18.0 27.0

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

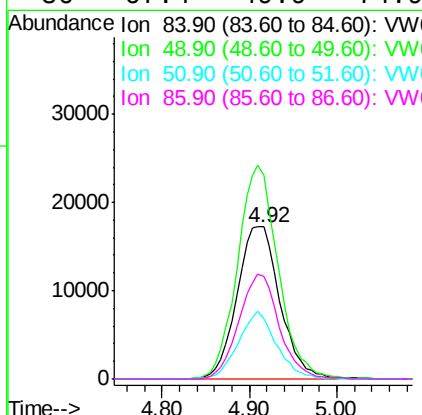
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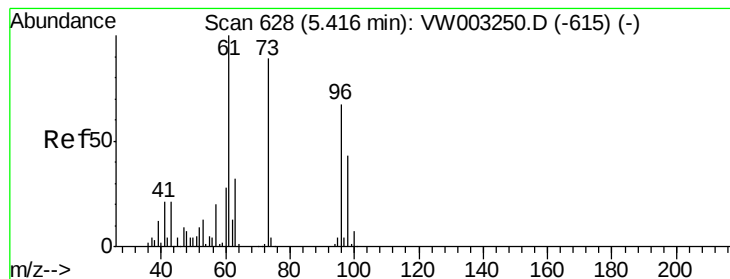
apatel
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#20
Methylene Chloride
Concen: 20.37 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion: 84 Resp: 58914
Ion Ratio Lower Upper
84 100
49 133.6 106.3 159.5
51 39.5 32.0 48.0
86 67.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.42 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 96 Resp: 57139

Ion Ratio Lower Upper

96 100

61 142.1 118.7 178.1

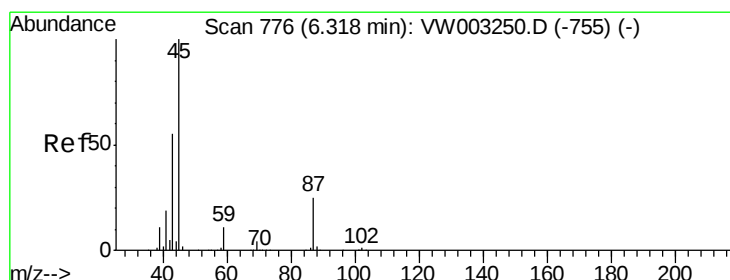
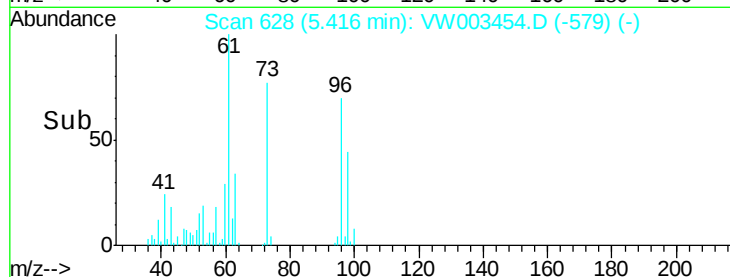
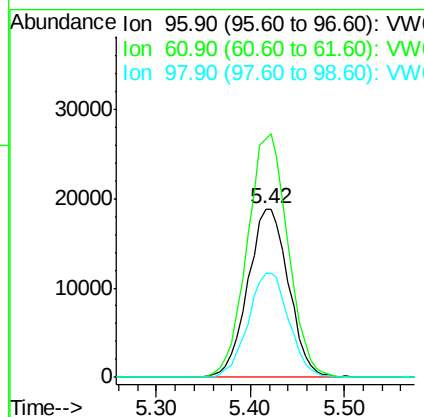
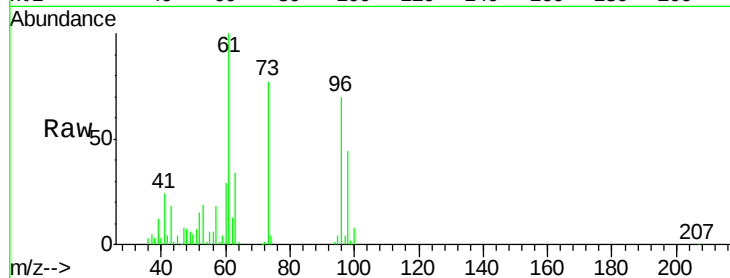
98 62.2 51.0 76.6

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#22

Diisopropyl ether

Concen: 20.92 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Tgt Ion: 45 Resp: 178735

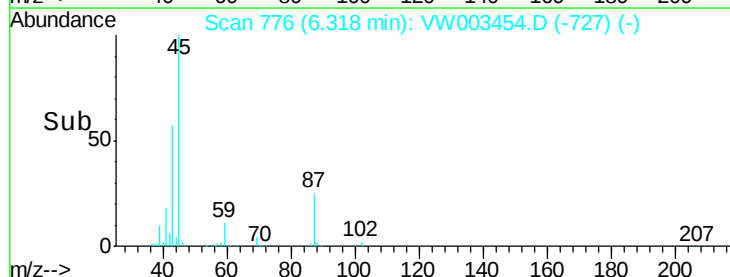
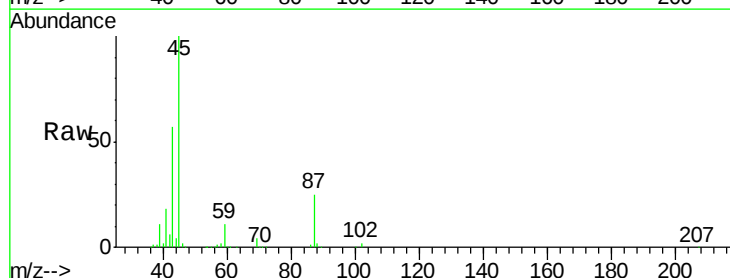
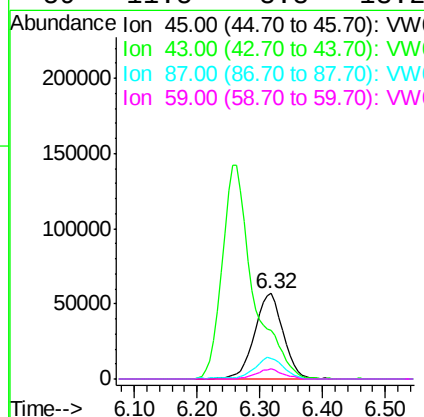
Ion Ratio Lower Upper

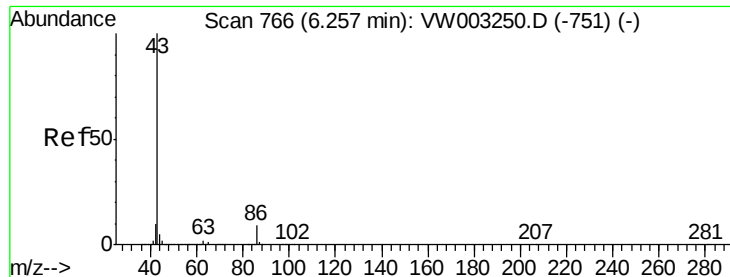
45 100

43 57.1 44.0 66.0

87 24.7 20.6 31.0

59 11.5 8.8 13.2





#23

Vinyl Acetate

Concen: 98.75 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Tot Ion: 43 Resp: 486243

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

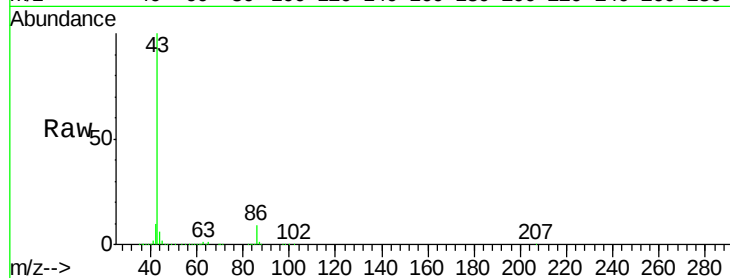
VW0623SBS01

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

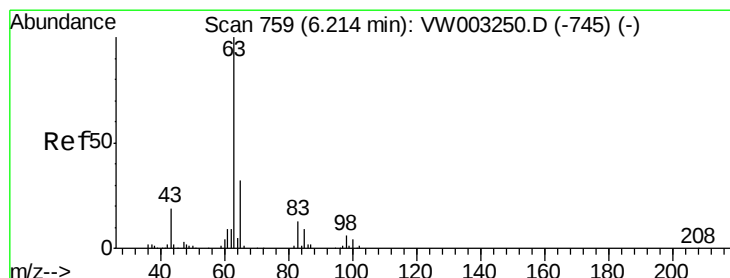
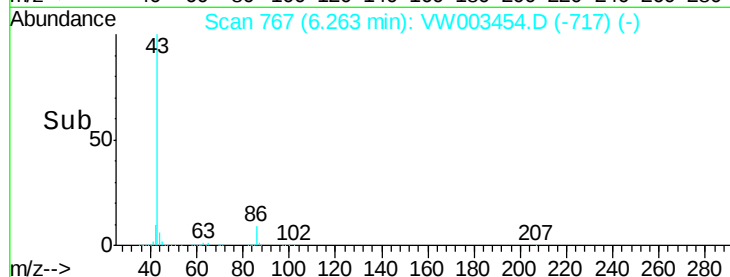
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.62 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

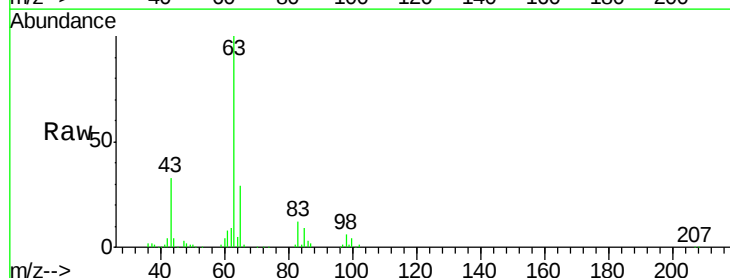
Tgt Ion: 63 Resp: 109685

Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.3

100 4.0 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

50000

40000

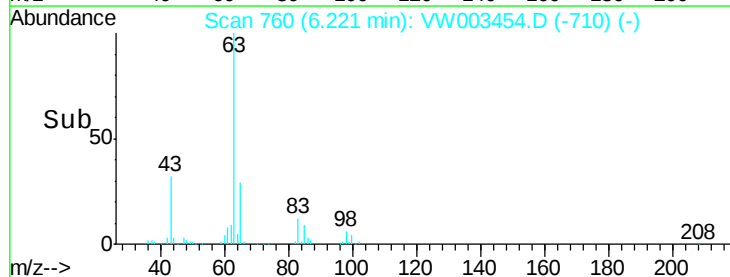
30000

20000

10000

0

Time-->





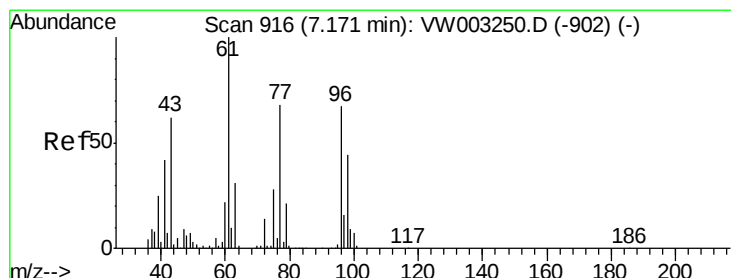
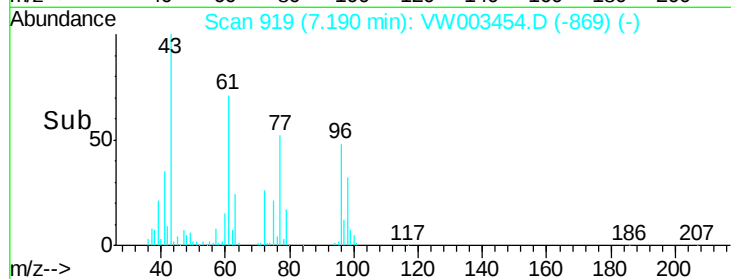
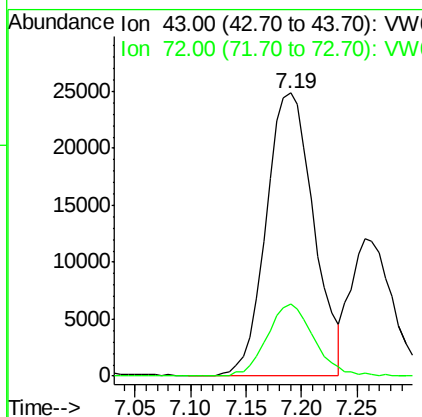
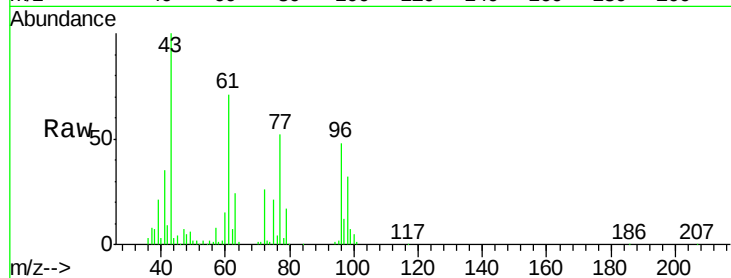
#25
2-Butanone
Concen: 96.89 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampled :
VW0623SBS01

Tot Ion: 43 Resp: 74106
Ion Ratio Lower Upper
43 100
72 25.6 20.3 30.5

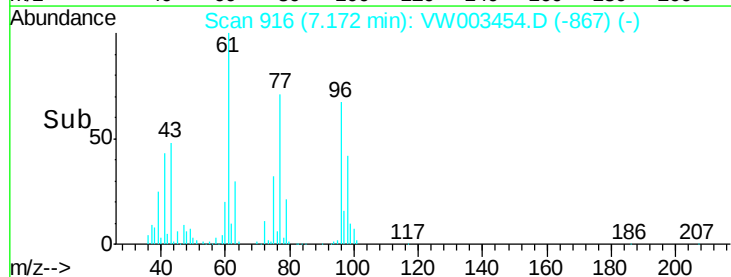
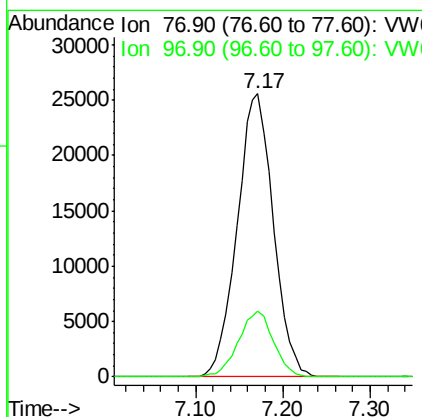
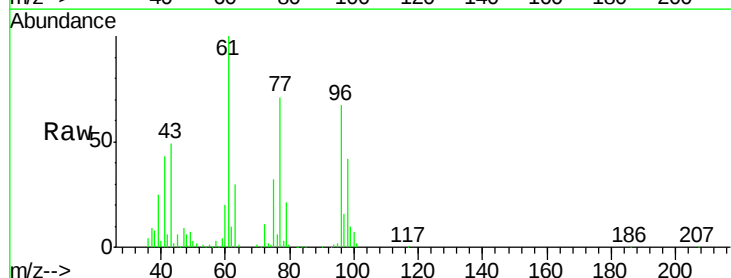
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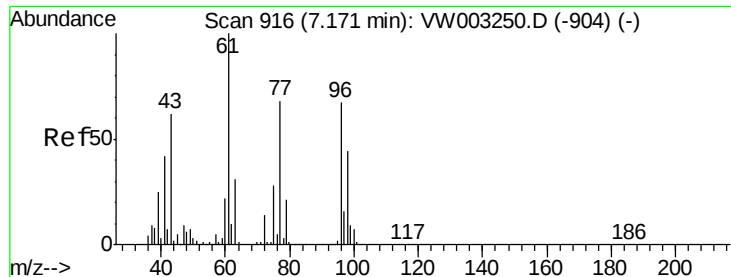
apatel
6/25/2018 6:58:34 PM



#26
2,2-Dichloropropane
Concen: 21.67 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion: 77 Resp: 73380
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.9





#27

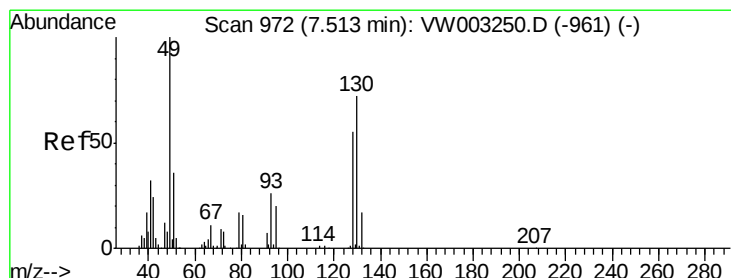
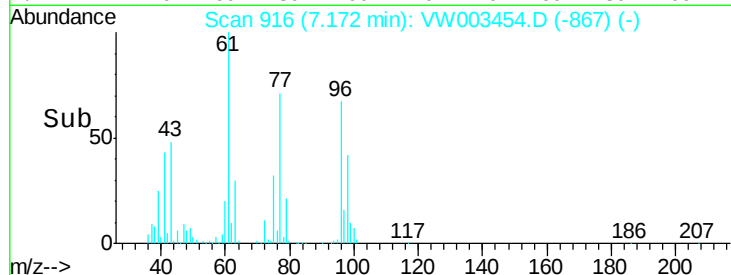
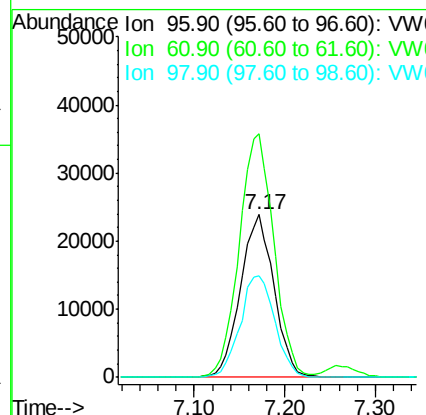
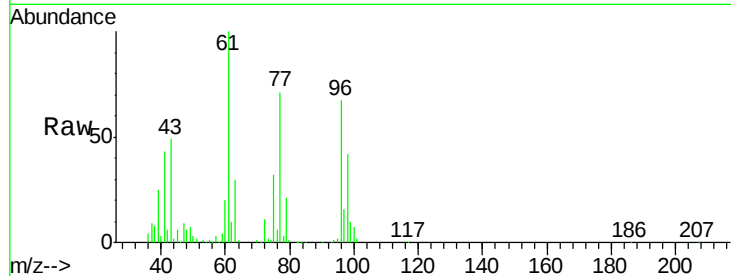
cis-1,2-Dichloroethene
 Concen: 20.92 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	154.6		0.0	298.8	
98	64.3		0.0	130.4	

Manual Integrations
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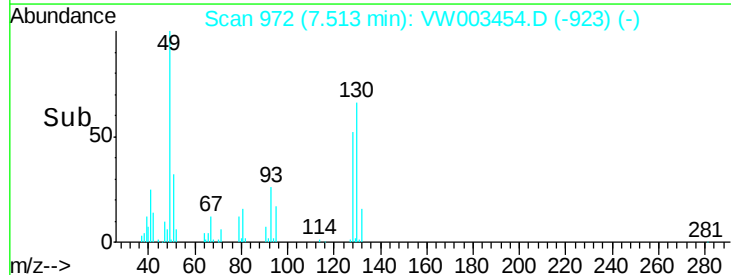
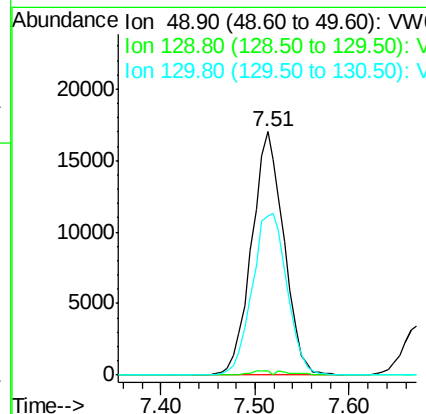
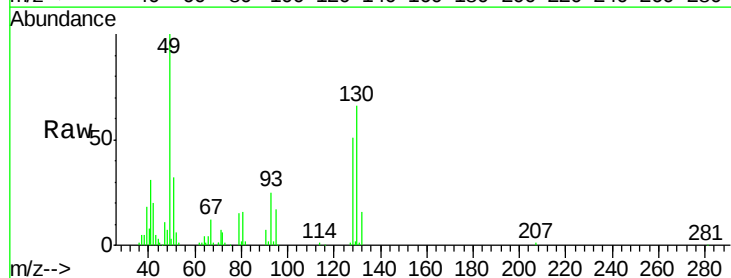
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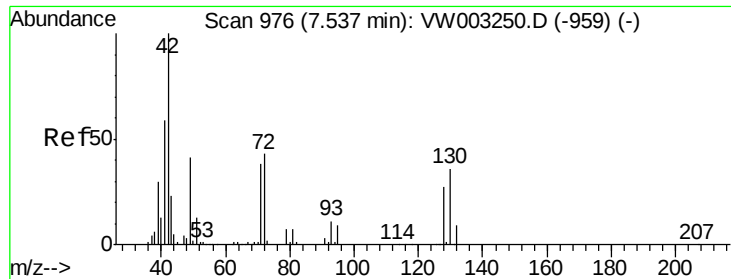


#28

Bromochloromethane
 Concen: 19.35 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	1.1		0.0	4.6	
130	71.7		59.4	89.2	





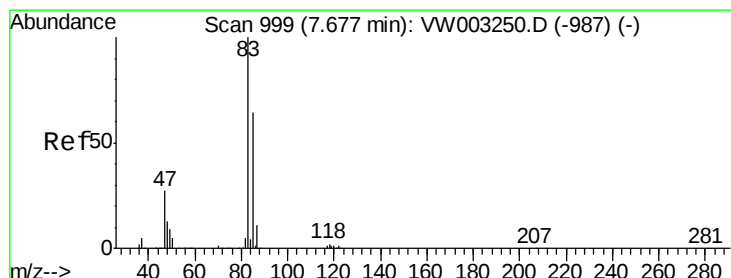
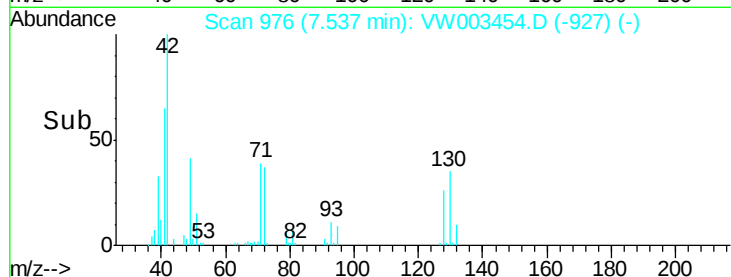
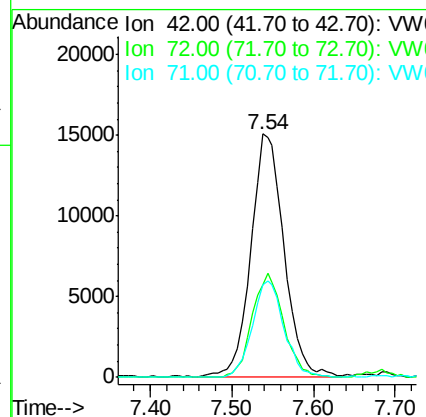
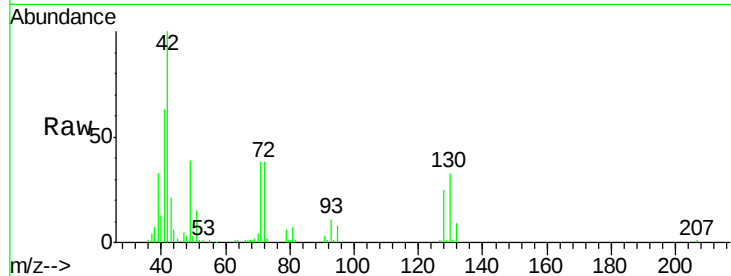
#29
Tetrahydrofuran
Concen: 90.50 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.4	48.6
71	38.6	31.2	46.8

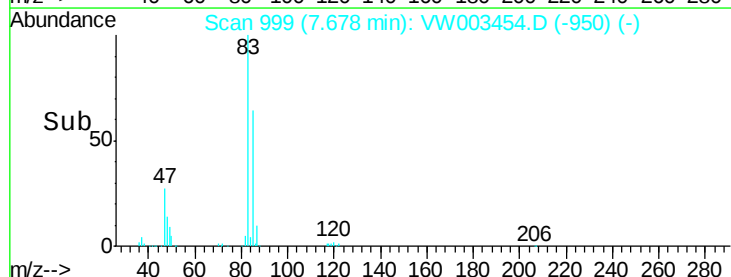
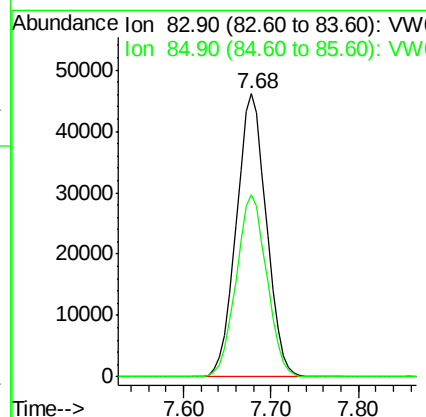
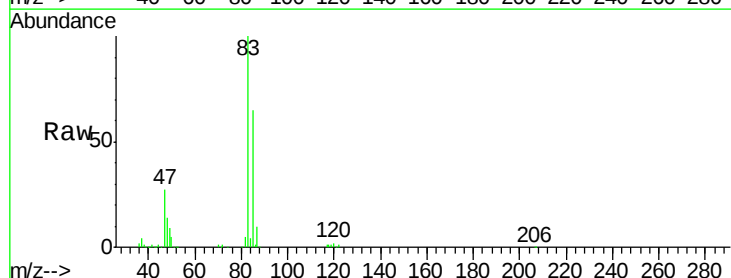
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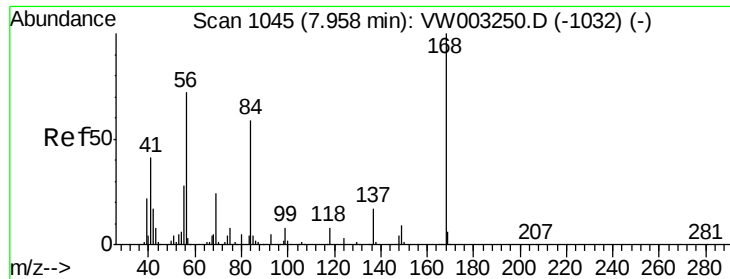
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#30
Chloroform
Concen: 21.29 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.3	76.9





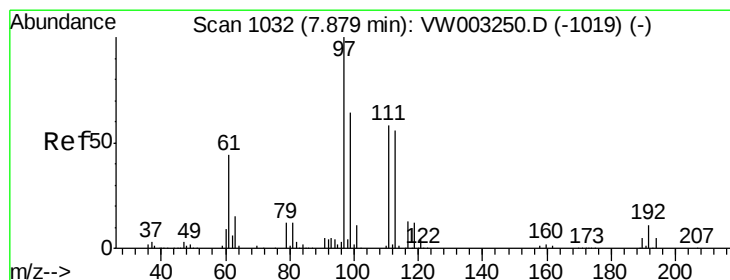
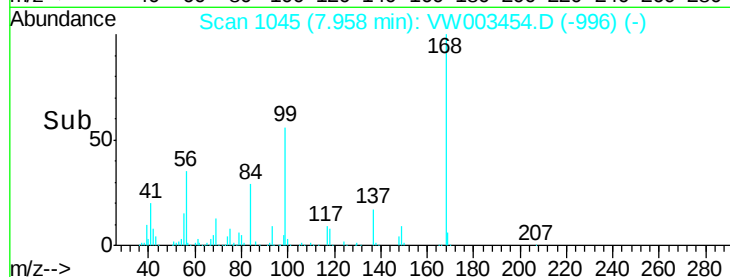
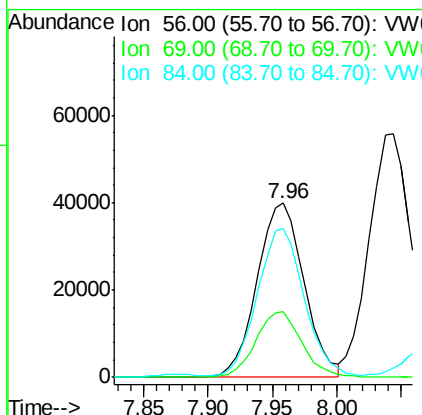
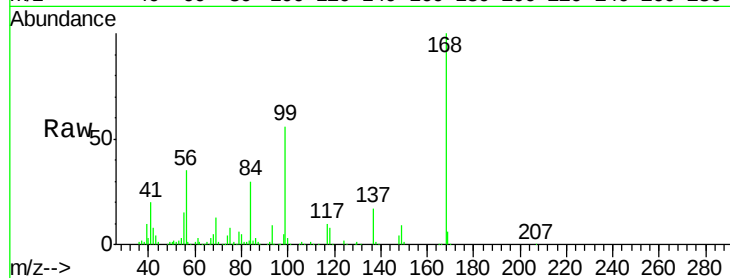
#31
Cyclohexane
Concen: 21.30 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.8	26.3	39.5
84	84.2	65.7	98.5

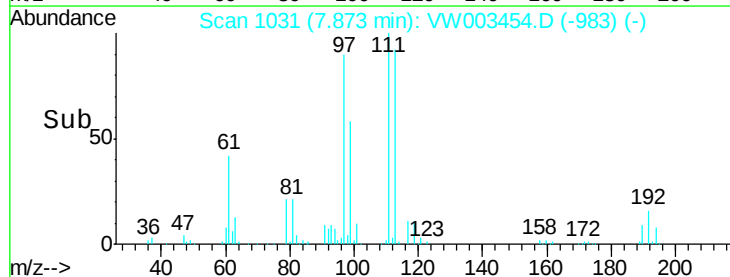
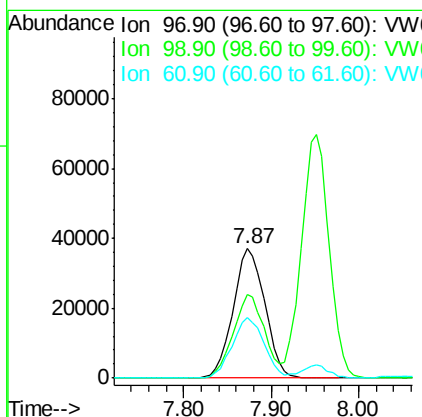
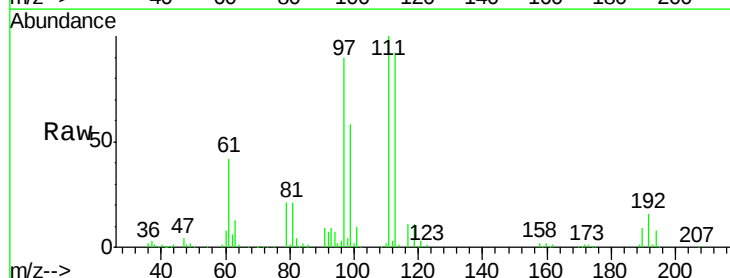
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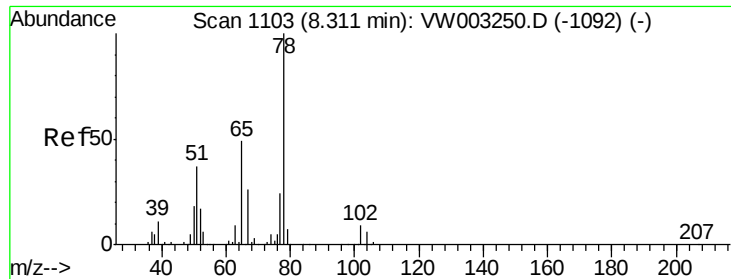
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#32
1,1,1-Trichloroethane
Concen: 21.89 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	46.6	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 53.49 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 65 Resp: 156879

Ion Ratio Lower Upper

65 100

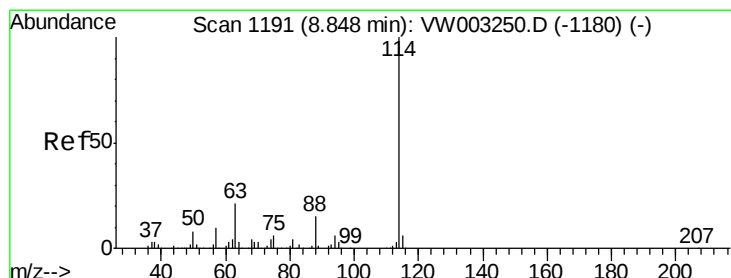
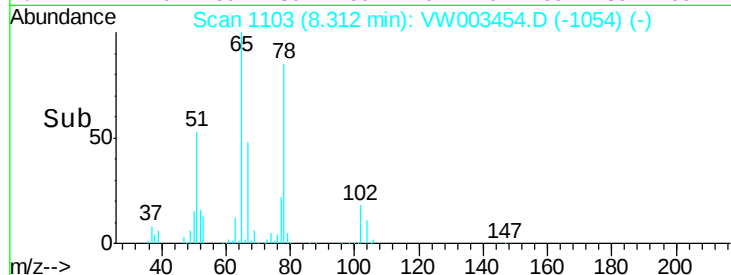
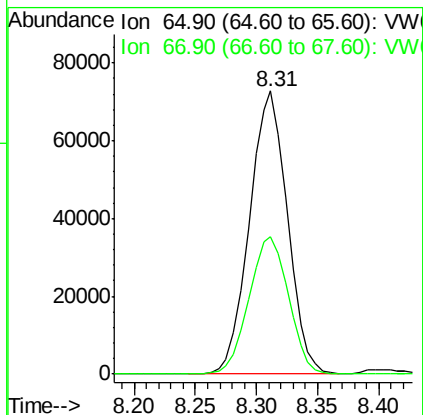
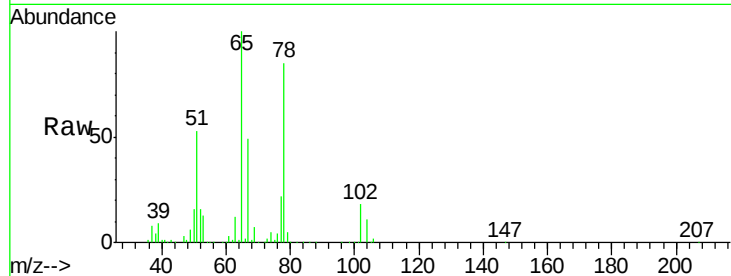
67 50.6 0.0 104.2

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6/25/2018 6:58:34 PM



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

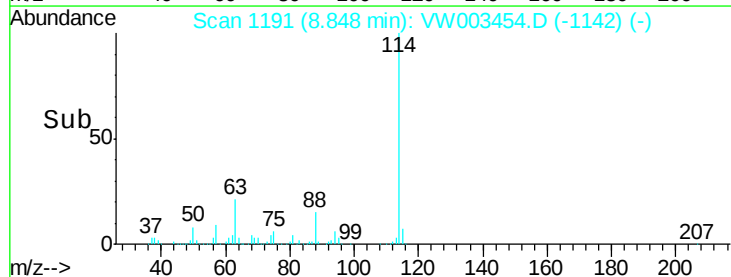
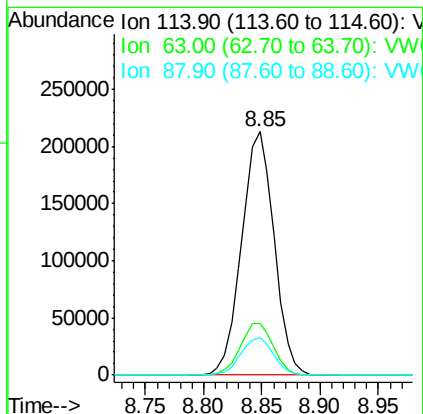
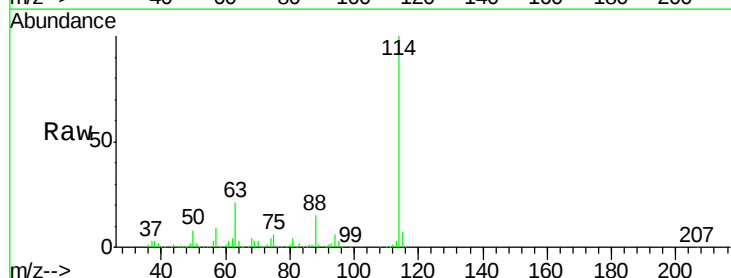
Tgt Ion: 114 Resp: 415547

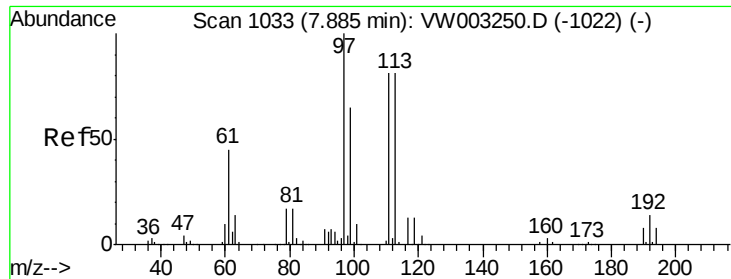
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

88 15.4 0.0 29.6





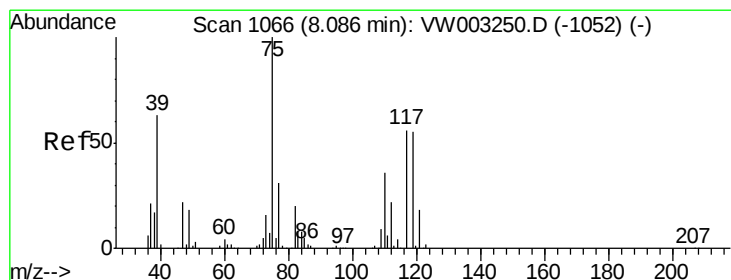
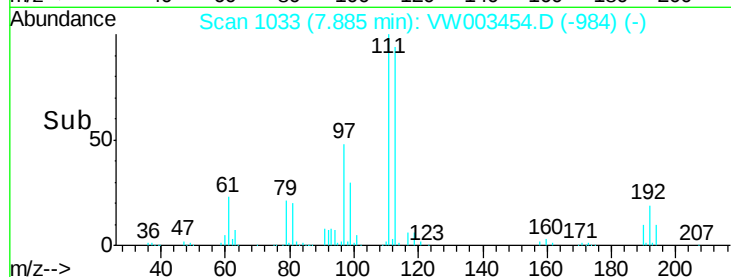
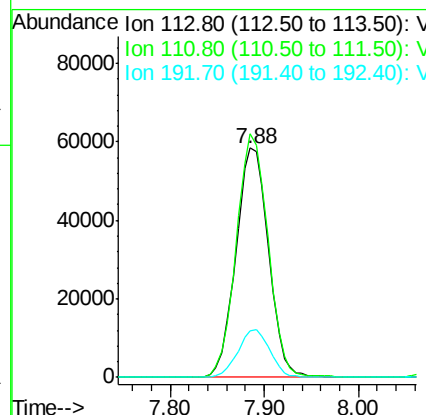
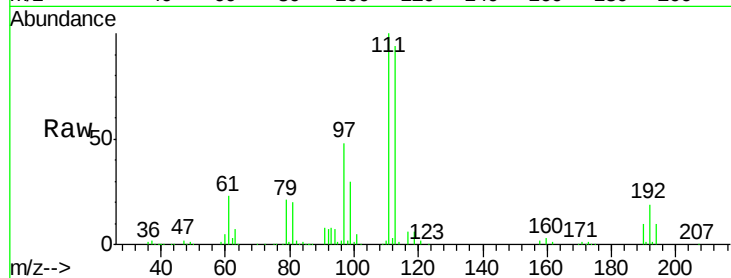
#35
 Dibromofluoromethane
 Concen: 54.39 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140448		
111	103.5	82.2	123.2	
192	20.3	16.2	24.2	

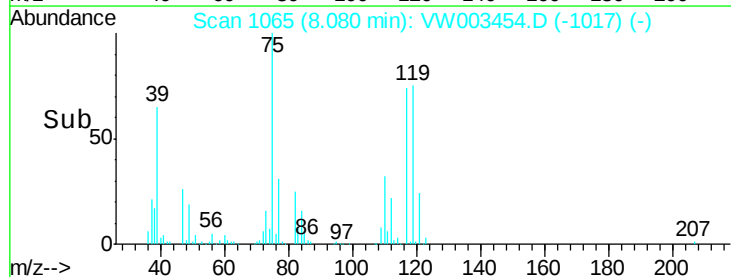
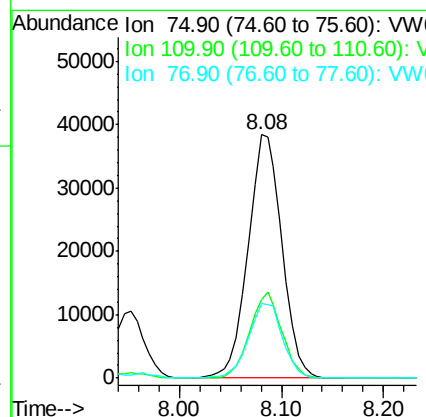
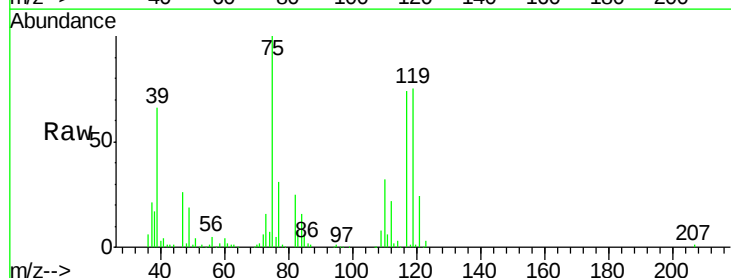
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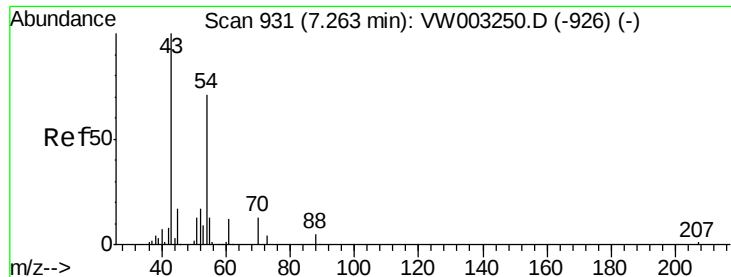
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#36
 1,1-Dichloropropene
 Concen: 22.08 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	88616		
110	33.5	17.1	51.3	
77	31.0	24.9	37.3	





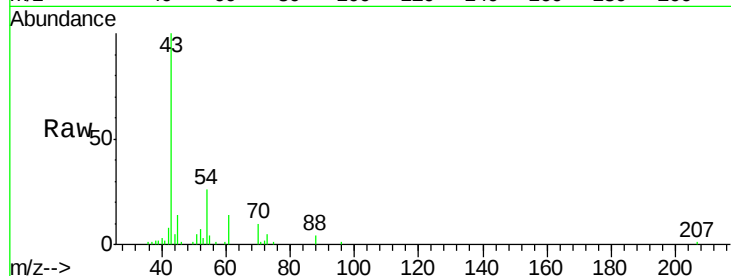
#37
Ethyl Acetate
Concen: 19.46 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.8	16.2
70	9.1	7.8	11.6

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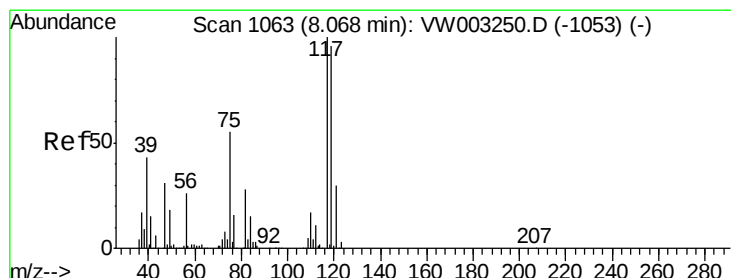
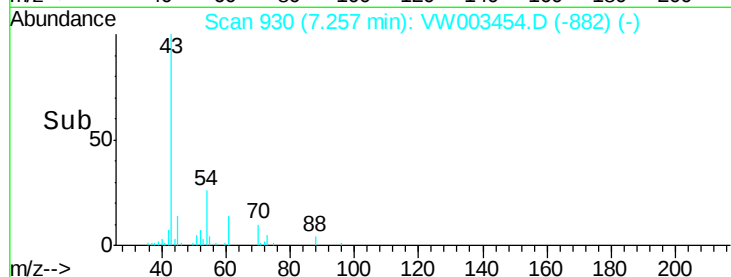
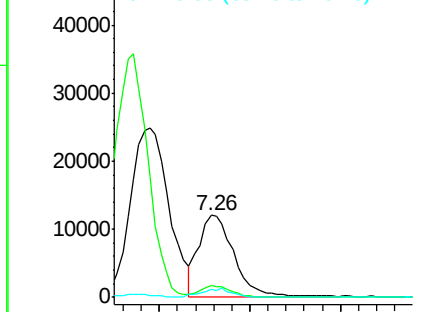


Abundance

Ion 43.00 (42.70 to 43.70): VW

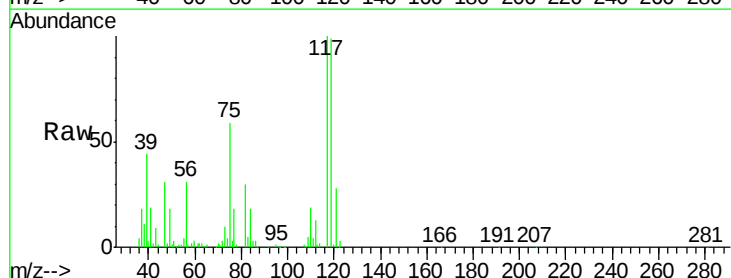
Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38
Carbon Tetrachloride
Concen: 22.07 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.6	115.0
121	27.5	23.9	35.9

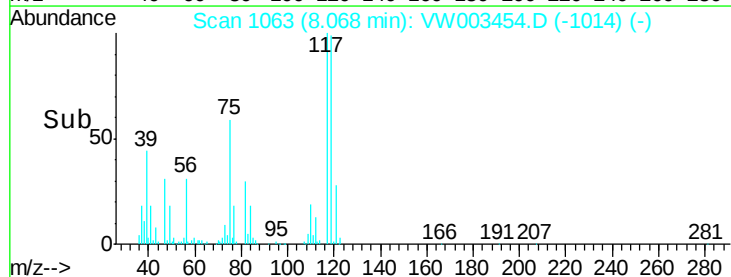
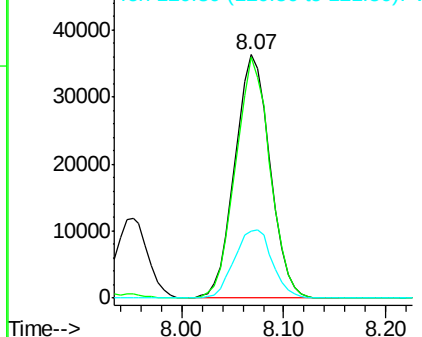


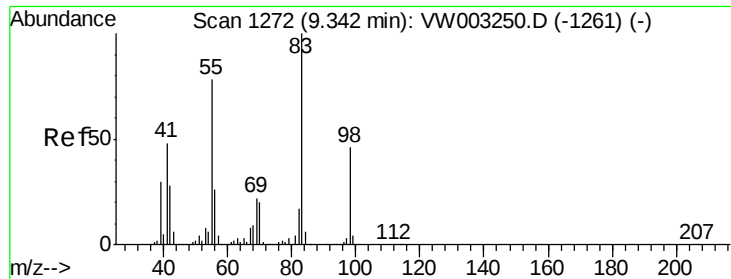
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





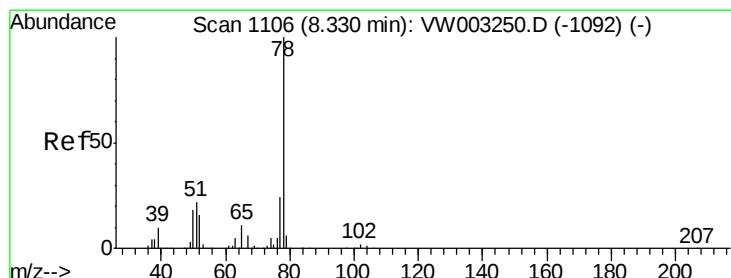
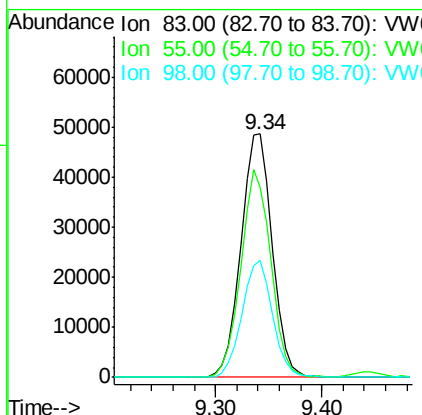
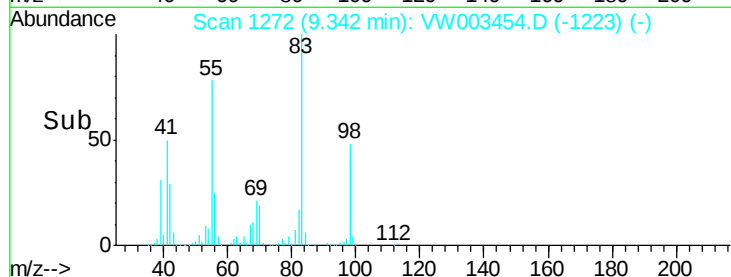
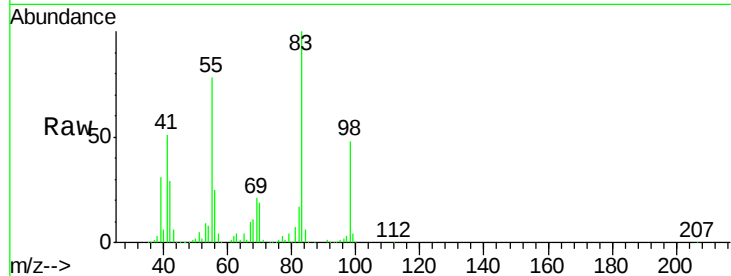
#39
Methvlcvclohexane
Concen: 21.68 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.7	62.6	93.8	
98	48.0	37.0	55.4	

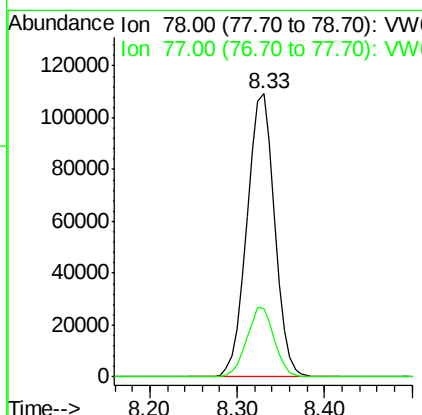
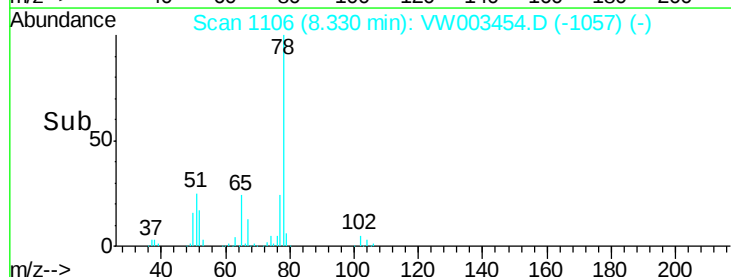
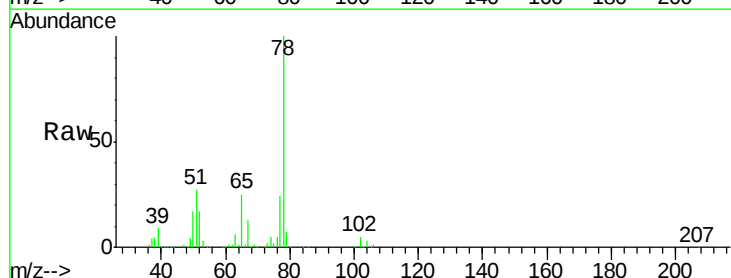
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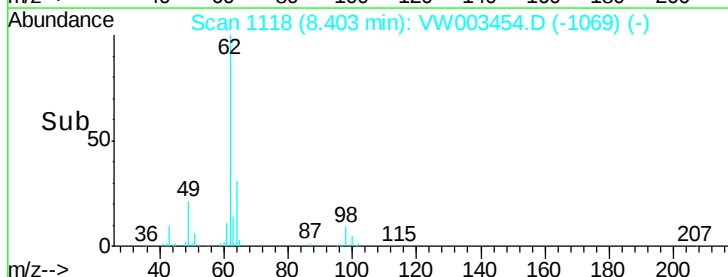
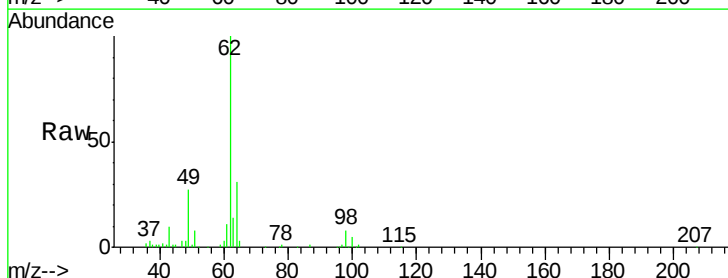
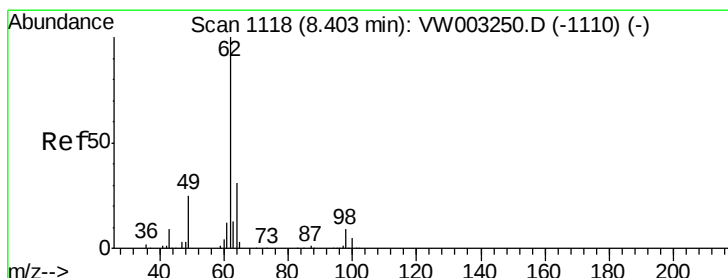
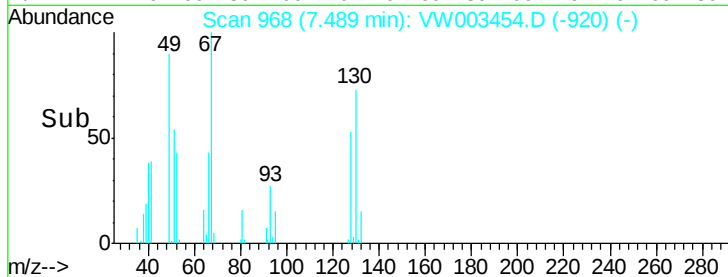
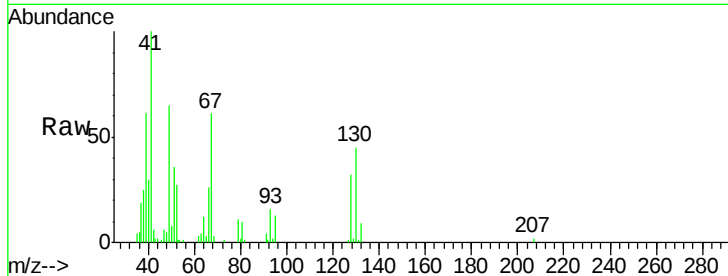
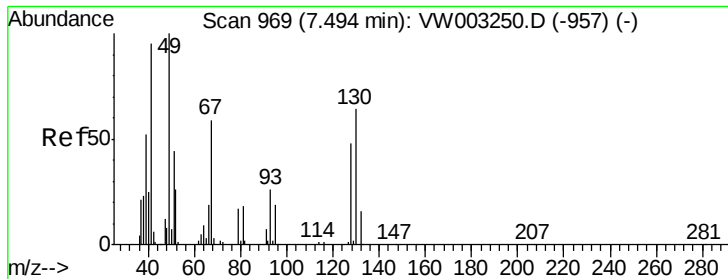
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#40
Benzene
Concen: 21.69 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

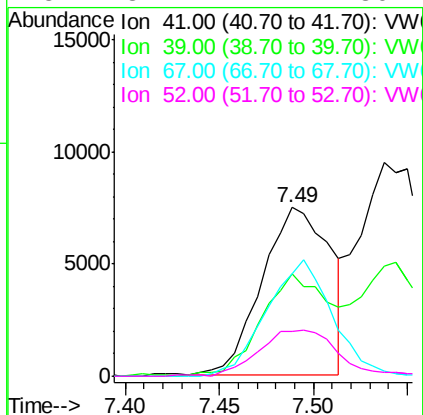
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	19.0	28.6	





#41
Methacrylonitrile
Concen: 18.36 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tot Ion	41	Ratio	100	Resp	18729	Lower	Upper
41	100						
39	60.2			45.8	68.8		
67	66.9			52.3	78.5		
52	32.2			24.1	36.1		



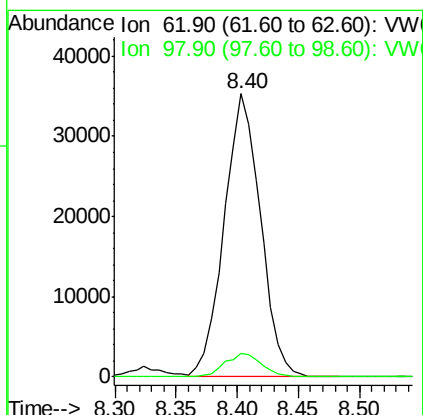
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

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#42
1,2-Dichloroethane
Concen: 20.96 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	62	Ratio	100	Resp	72626	Lower	Upper
62	100						
98	8.3			0.0	17.2		





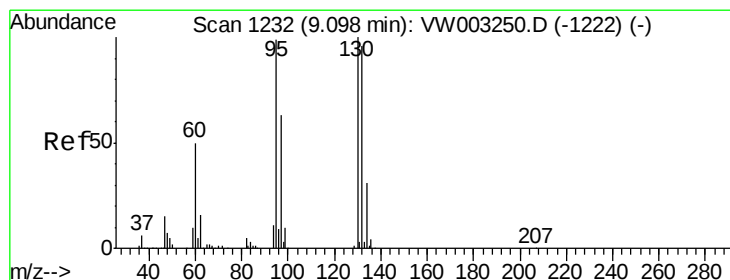
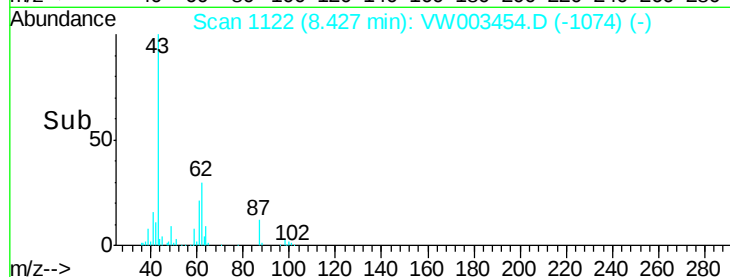
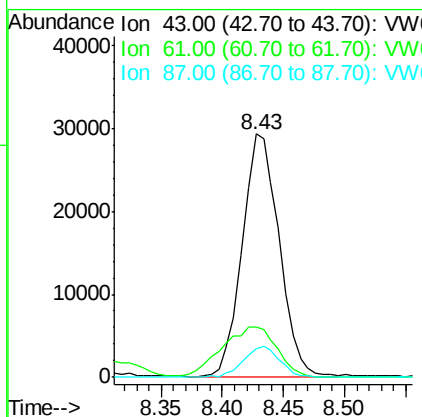
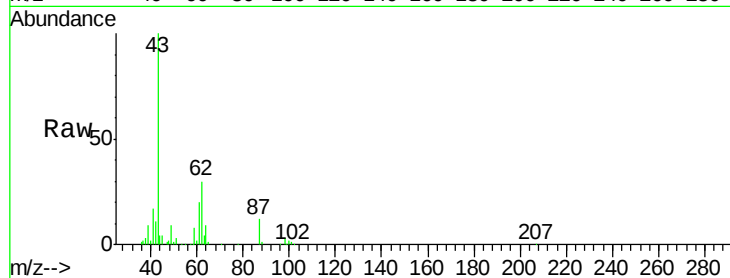
#43
Isopropyl Acetate
Concen: 18.57 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	23.1	34.7
87	12.6	9.8	14.6

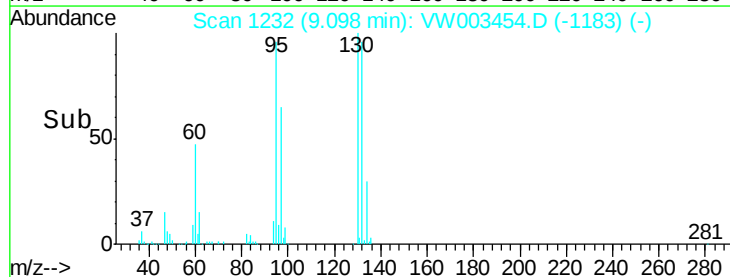
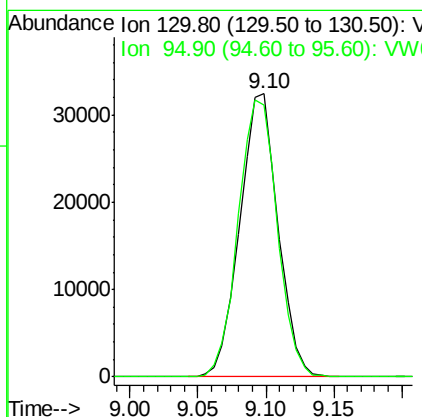
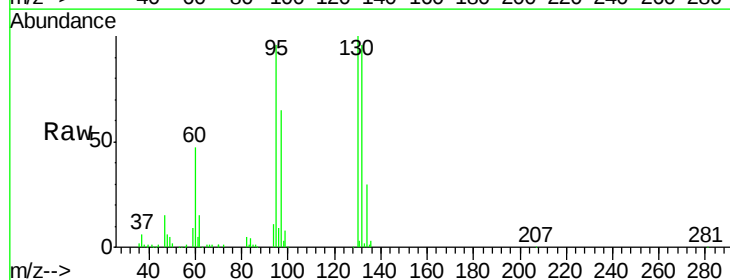
Manual Integrations
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apatel
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#44
Trichloroethene
Concen: 21.73 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	198.0





#45

1,2-Dichloropropane

Concen: 21.49 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 63 Resp: 60525

Ion Ratio Lower Upper

63 100

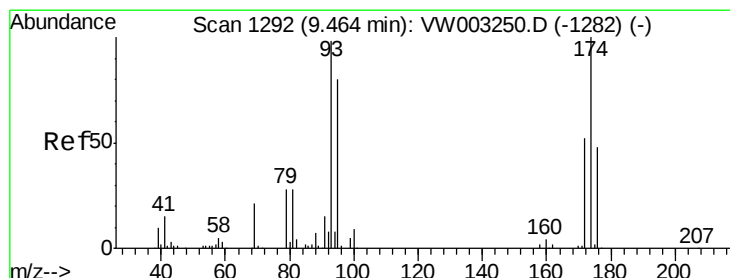
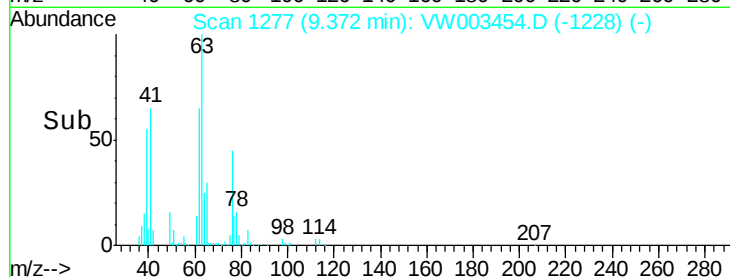
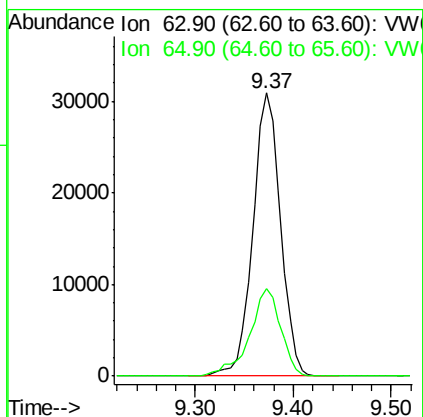
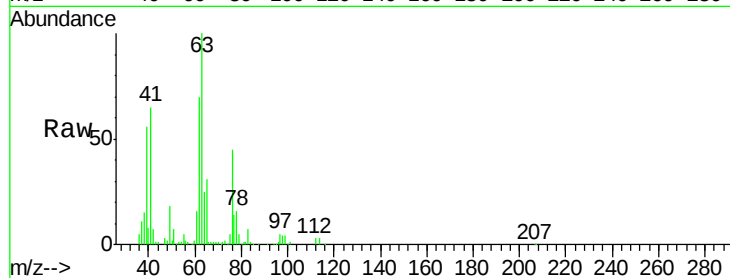
65 31.0 25.1 37.7

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#46

Dibromomethane

Concen: 21.01 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

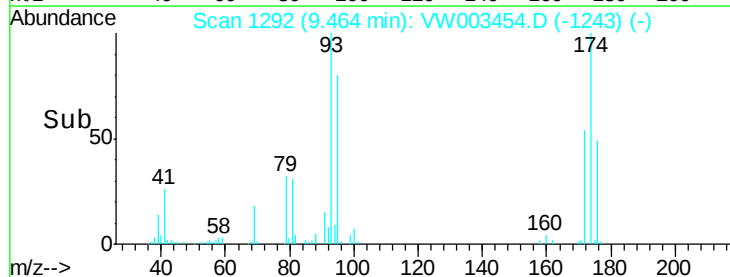
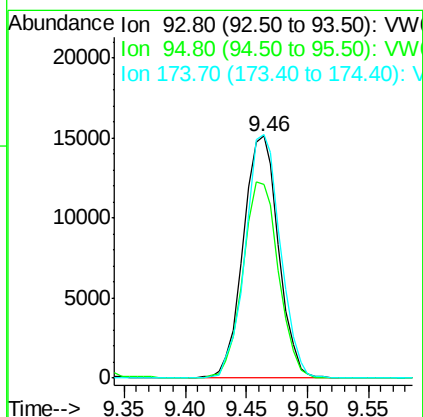
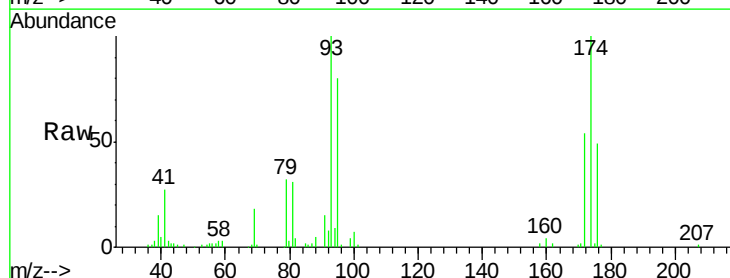
Tgt Ion: 93 Resp: 30302

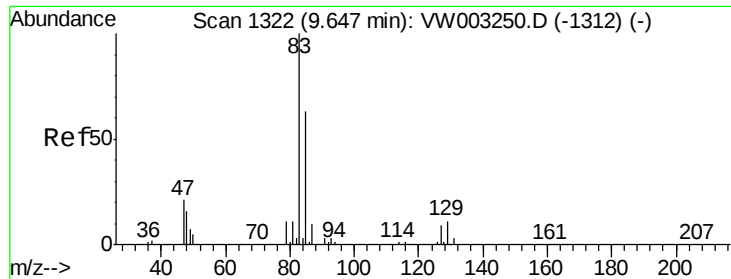
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.8

174 100.2 81.4 122.0





#47

Bromodichloromethane

Concen: 21.05 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

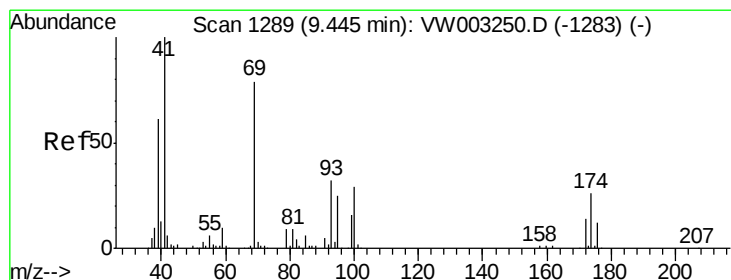
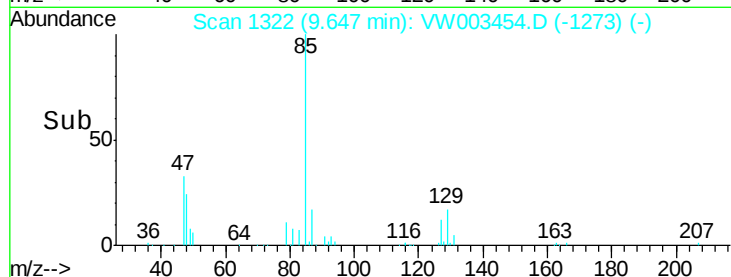
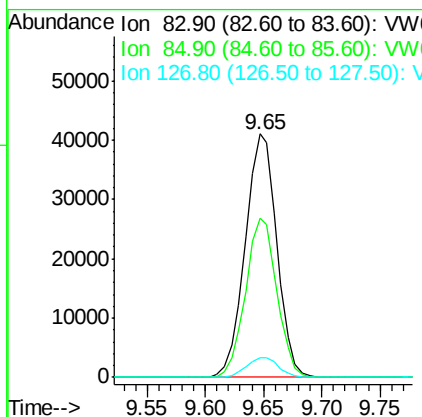
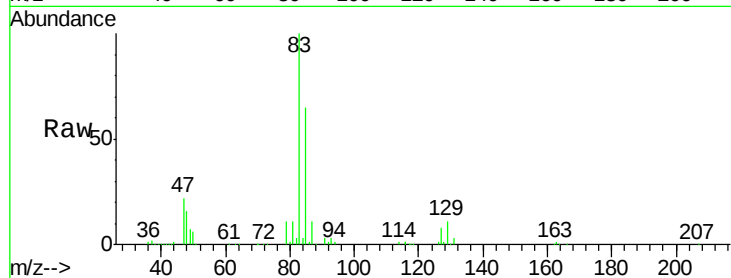
ClientSampleId :

VW0623SBS01

Tot Ion:	83	Resp:	77788
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.6	75.8
127	7.9	6.8	10.2

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#48

Methyl methacrylate

Concen: 19.42 ug/l

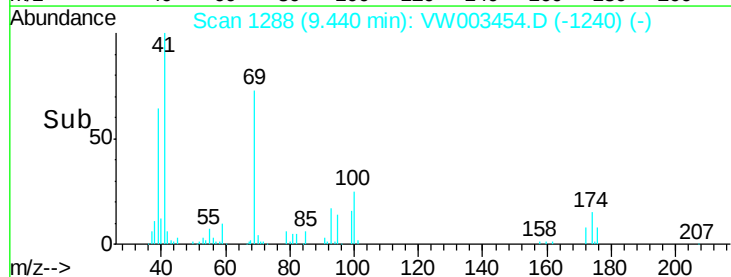
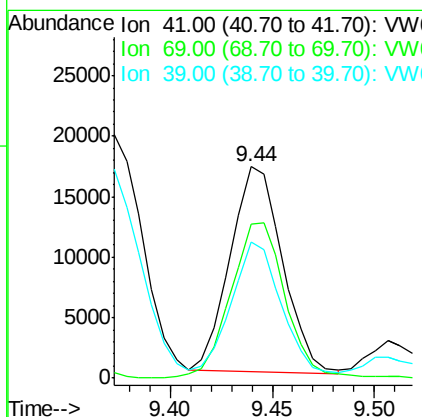
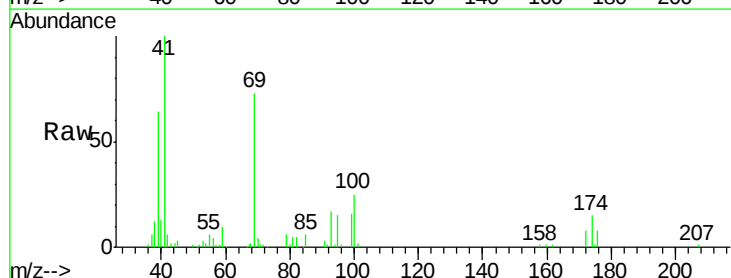
RT: 9.44 min Scan# 1288

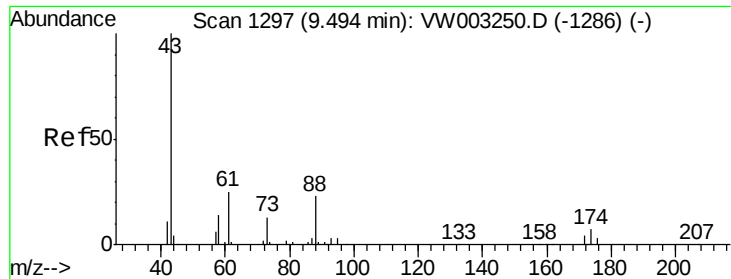
Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Tgt Ion:	41	Resp:	30128
Ion	Ratio	Lower	Upper
41	100		
69	79.4	65.4	98.2
39	65.3	54.2	81.2





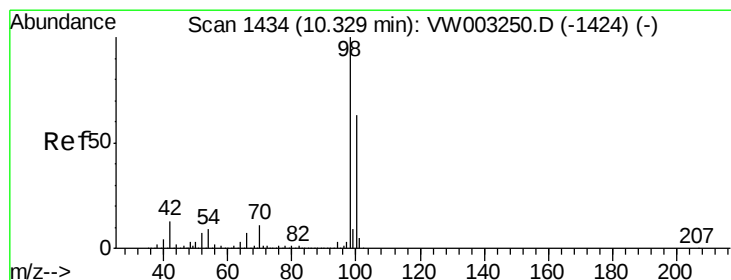
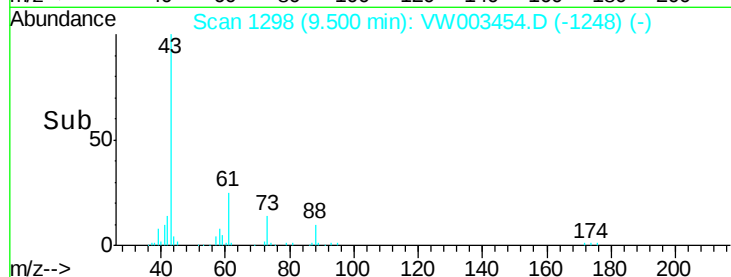
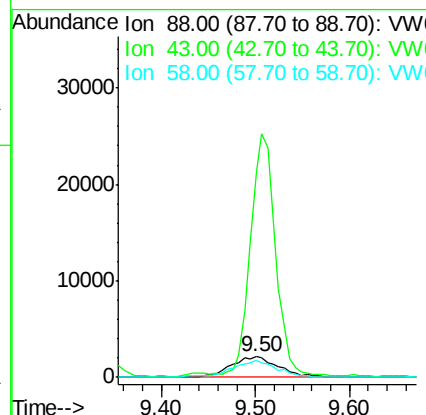
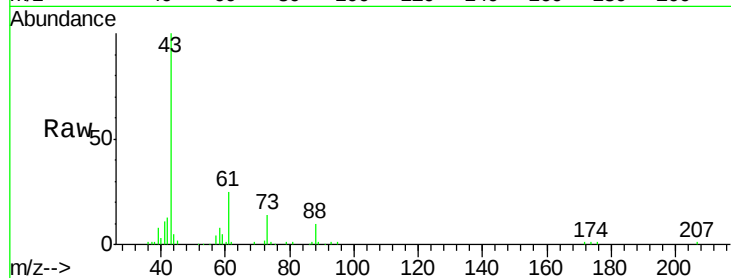
#49
1,4-Dioxane
Concen: 345.35 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	618.7	454.7	682.1
58	78.4	58.6	88.0

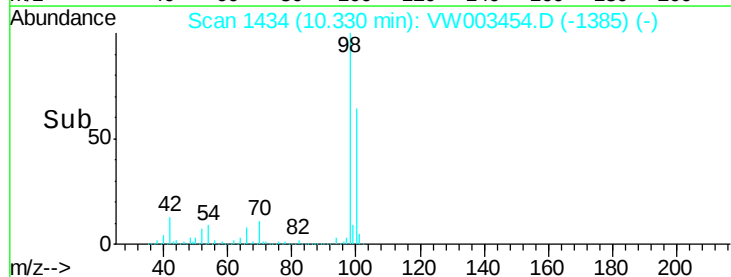
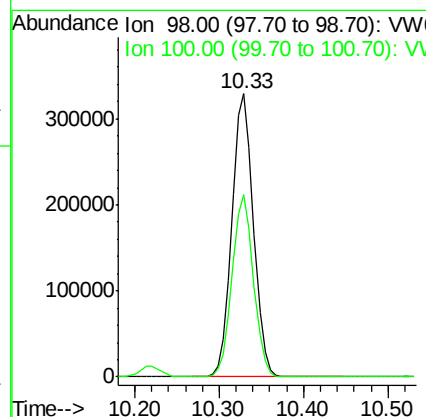
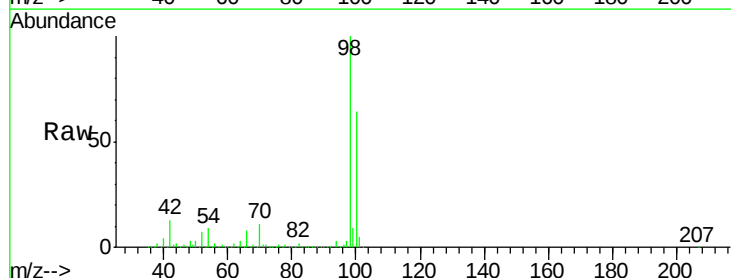
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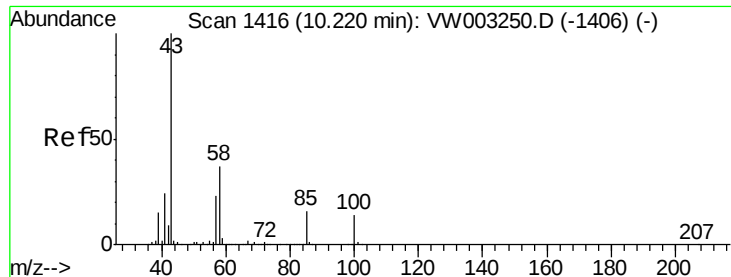
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#50
Toluene-d8
Concen: 55.94 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 95.05 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 43 Resp: 159886

Ion Ratio Lower Upper

43 100

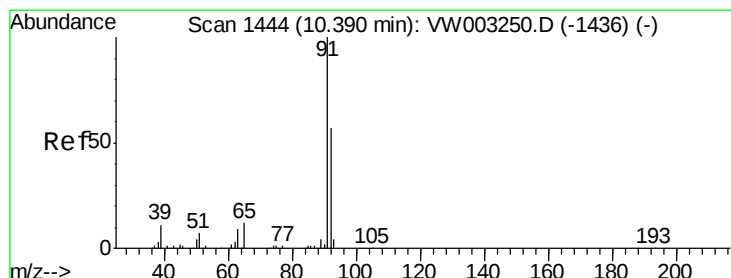
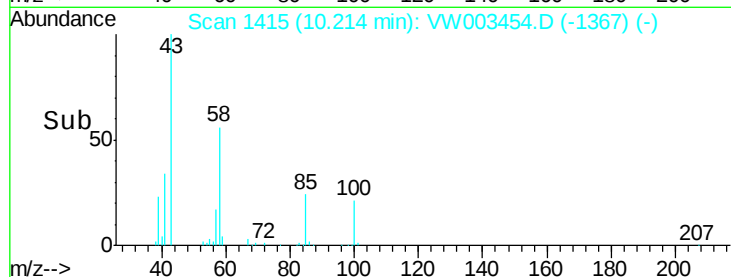
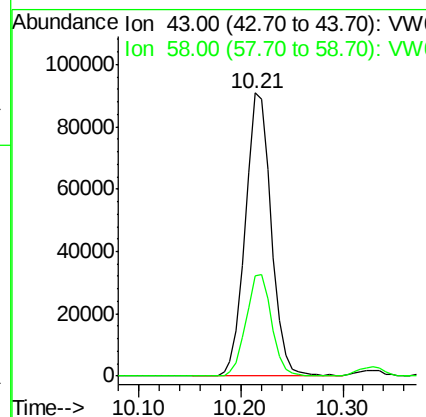
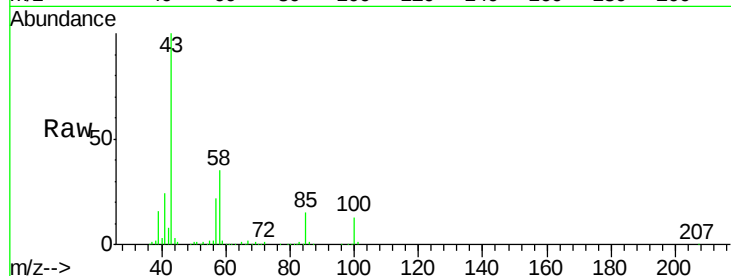
58 35.7 29.0 43.4

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#52

Toluene

Concen: 21.82 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003454.D

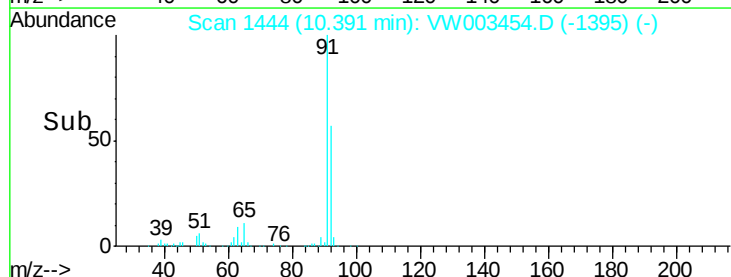
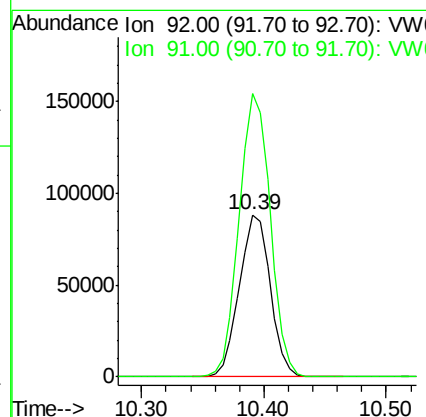
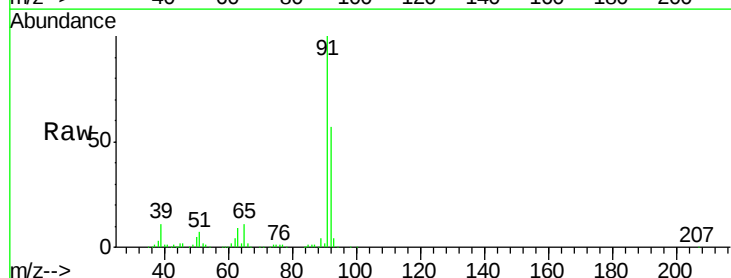
Acq: 23 Jun 2018 12:36

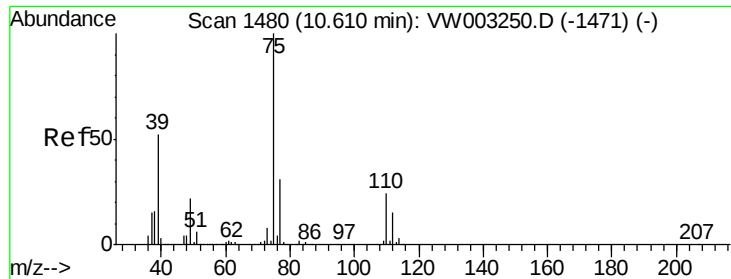
Tgt Ion: 92 Resp: 154756

Ion Ratio Lower Upper

92 100

91 176.0 141.1 211.7





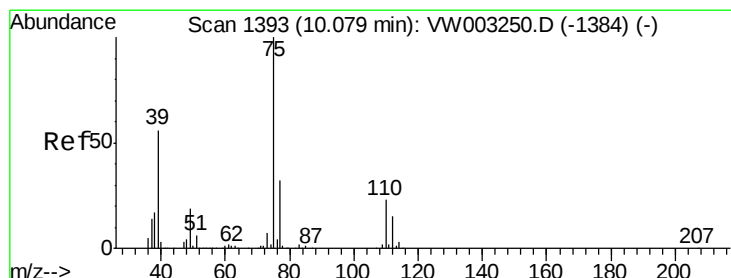
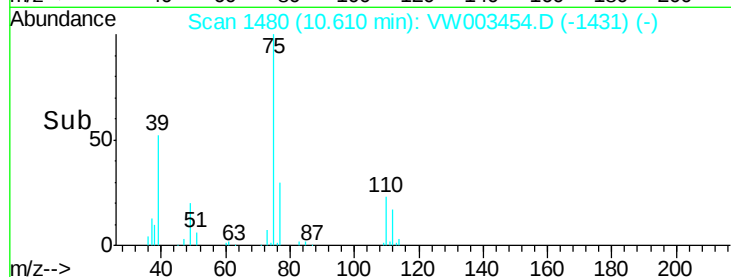
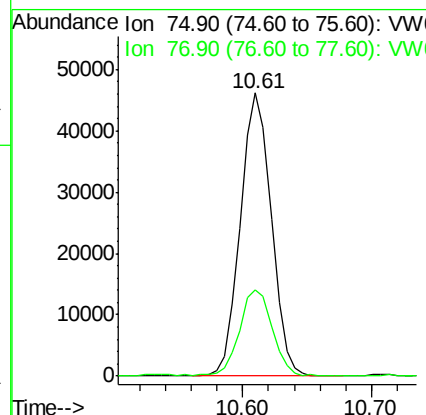
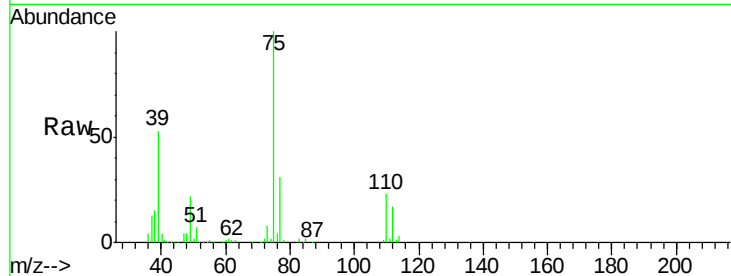
#53
t-1,3-Dichloropropene
Concen: 20.36 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampled :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.9	37.3

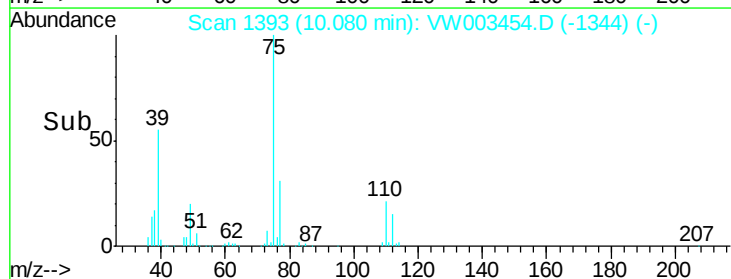
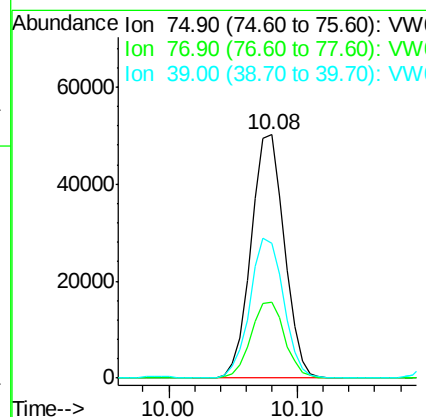
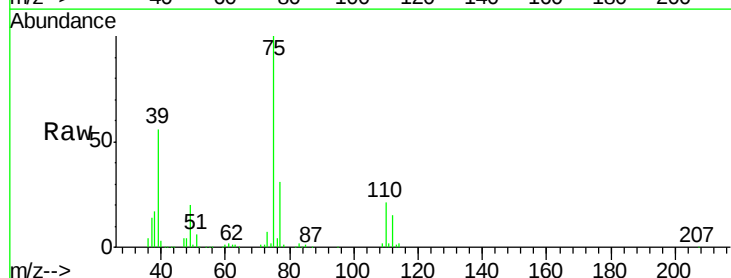
Manual Integrations
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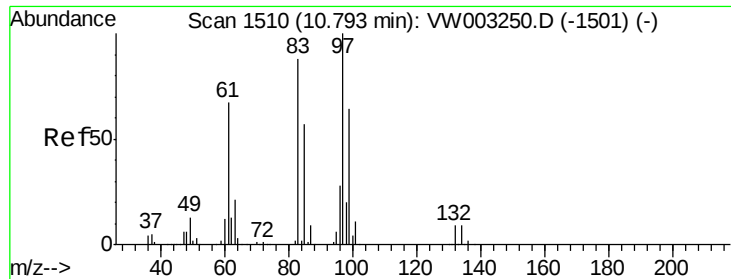
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#54
cis-1,3-Dichloropropene
Concen: 20.78 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.6
39	55.5	45.2	67.8





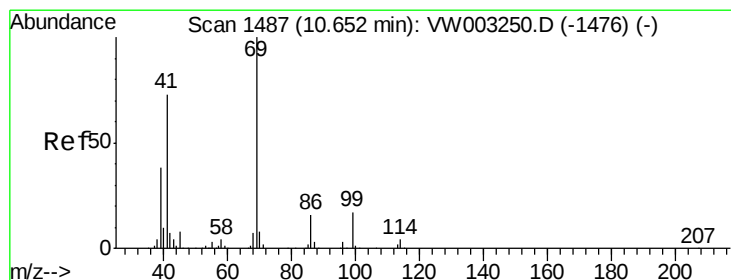
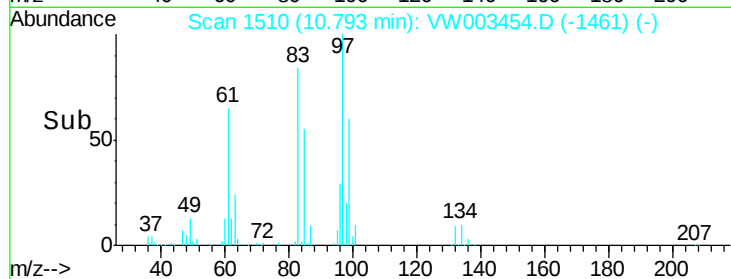
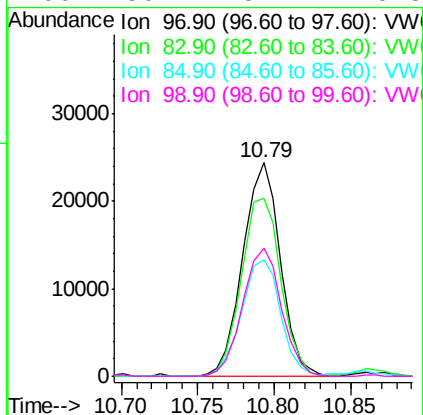
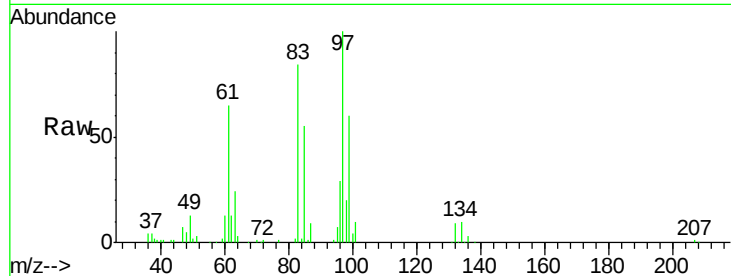
#55
 1,1,2-Trichloroethane
 Concen: 20.53 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.6	70.2	105.2
85	54.6	45.6	68.4
99	59.7	51.2	76.8

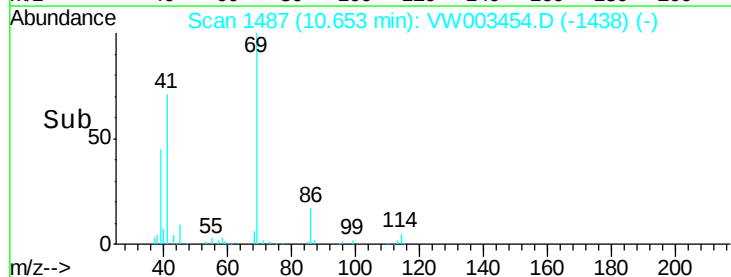
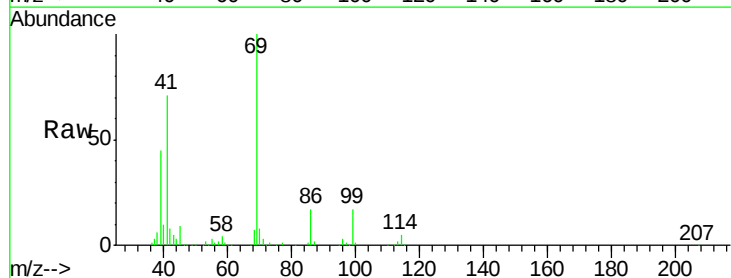
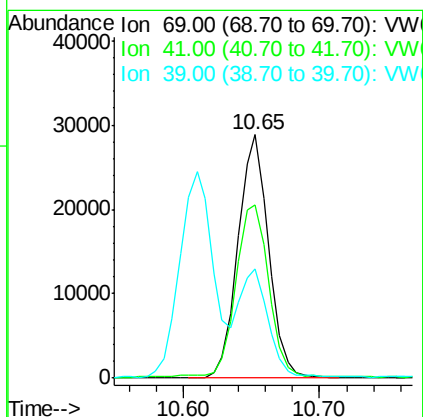
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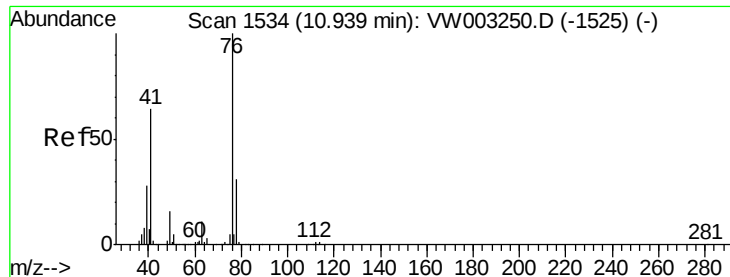
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#56
 Ethyl methacrylate
 Concen: 18.40 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.6	57.8	86.6
39	41.9	32.7	49.1





#57

1,3-Dichloropropane

Concen: 20.44 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 76 Resp: 71639

Ion Ratio Lower Upper

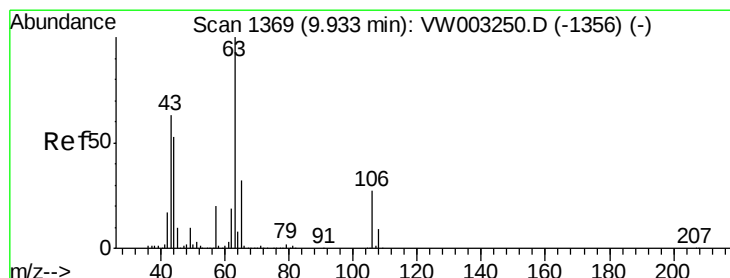
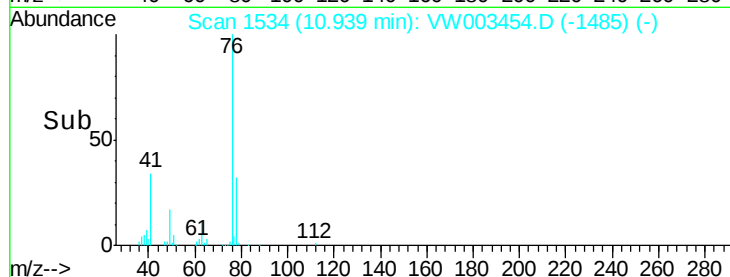
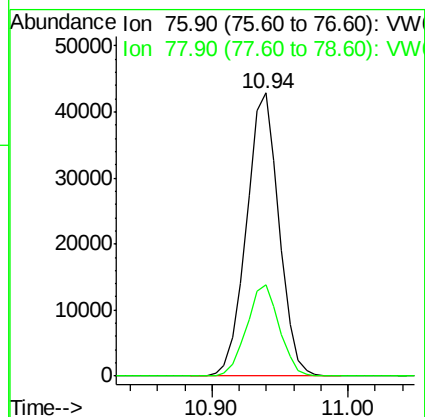
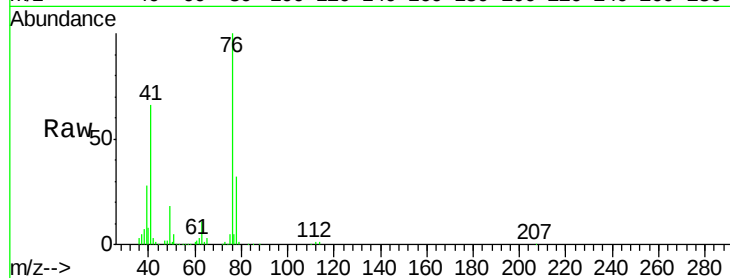
76 100

78 32.4 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 100.00 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003454.D

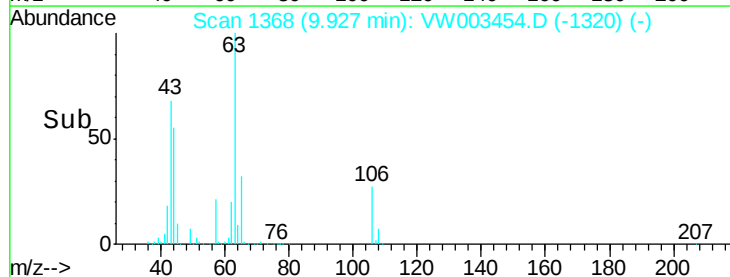
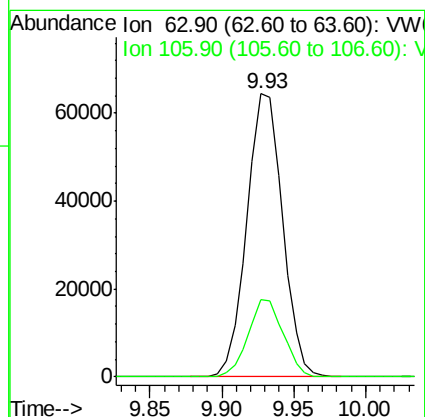
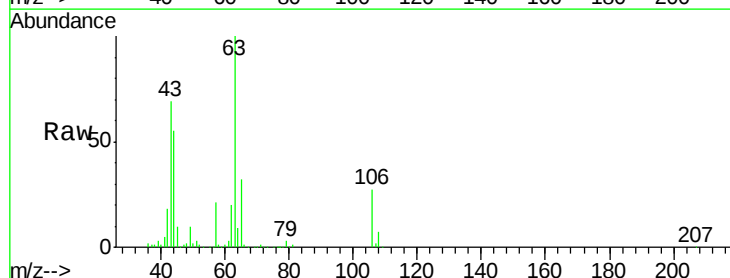
Acq: 23 Jun 2018 12:36

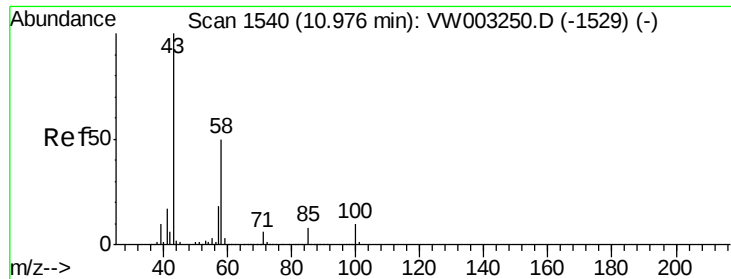
Tgt Ion: 63 Resp: 110608

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.8





#59

2-Hexanone

Concen: 96.80 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion: 43 Resp: 113753

Ion Ratio Lower Upper

43 100

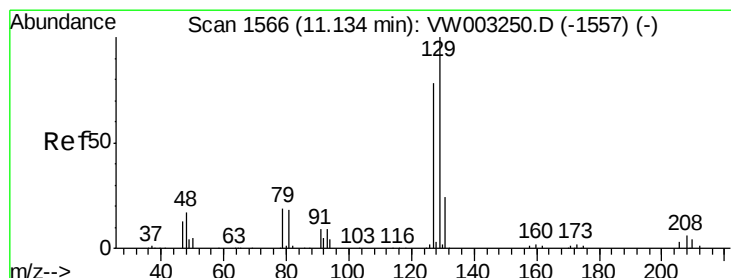
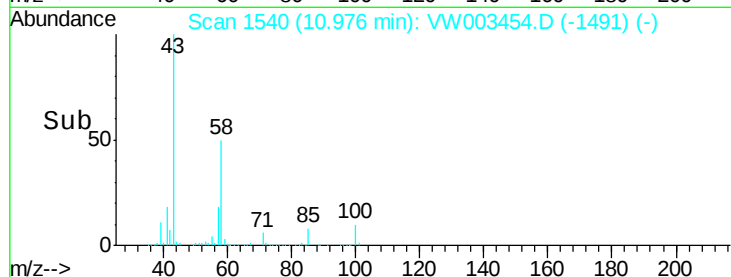
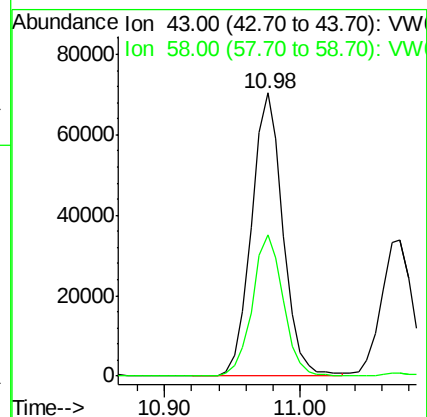
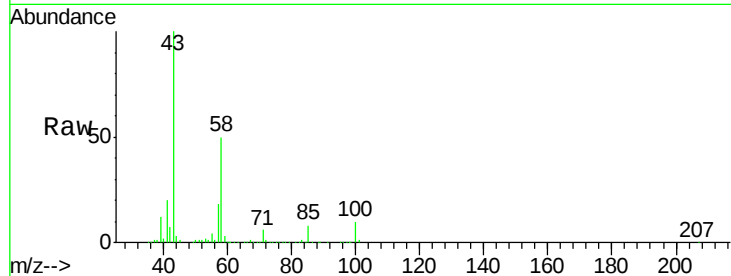
58 49.1 25.0 75.0

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#60

Dibromochloromethane

Concen: 20.08 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW003454.D

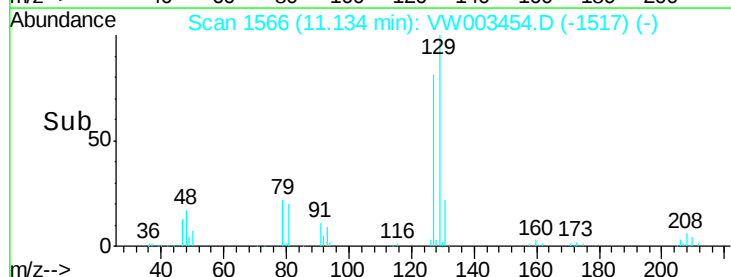
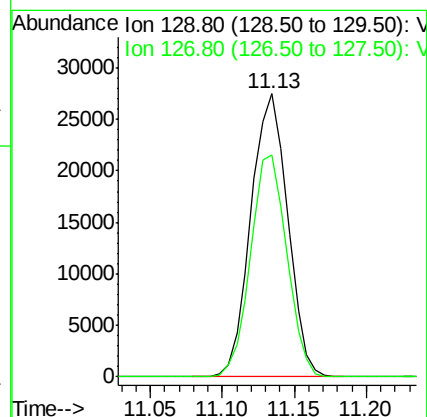
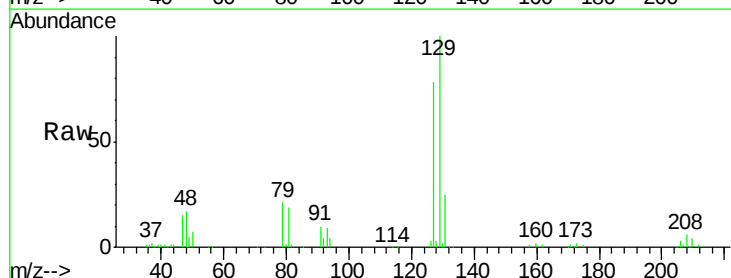
Acq: 23 Jun 2018 12:36

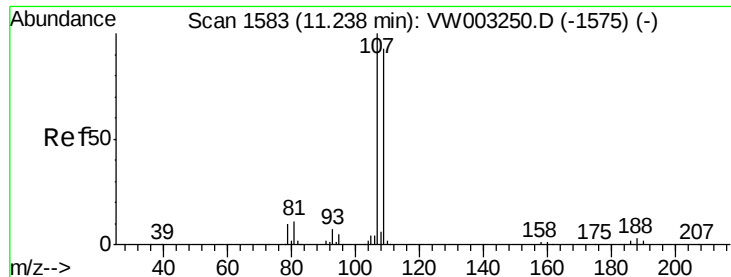
Tgt Ion: 129 Resp: 48533

Ion Ratio Lower Upper

129 100

127 77.2 39.1 117.5





#61

1,2-Dibromoethane

Concen: 19.99 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion:107 Resp: 38414

Ion Ratio Lower Upper

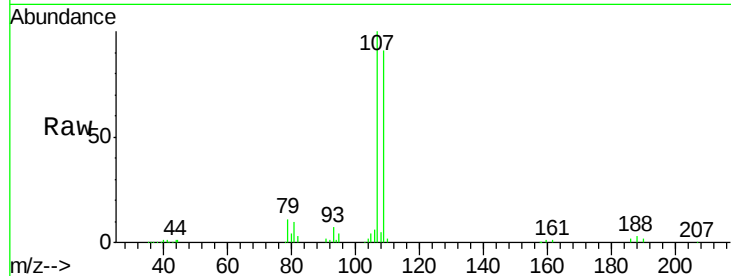
107 100

109 94.5 75.8 113.6

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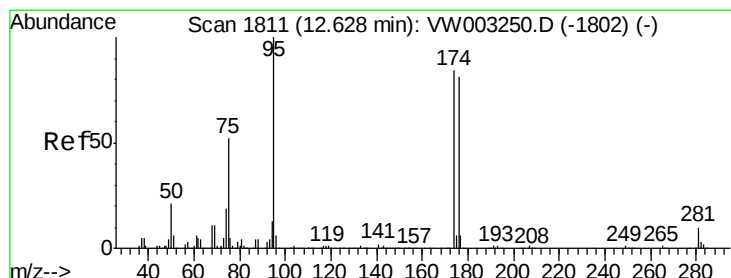
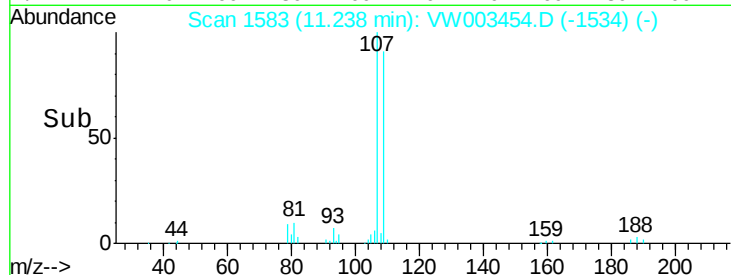
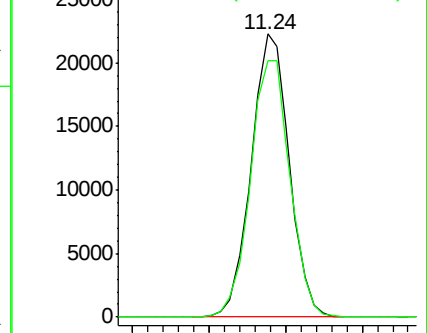
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.00 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

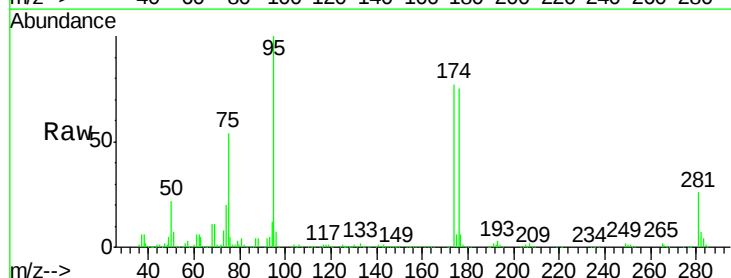
Tgt Ion: 95 Resp: 199287

Ion Ratio Lower Upper

95 100

174 82.9 0.0 166.4

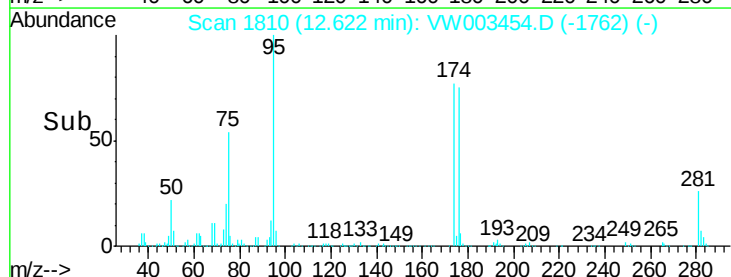
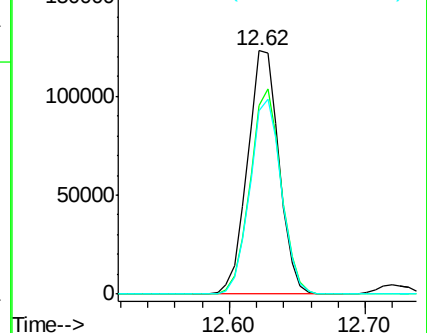
176 80.1 0.0 162.0

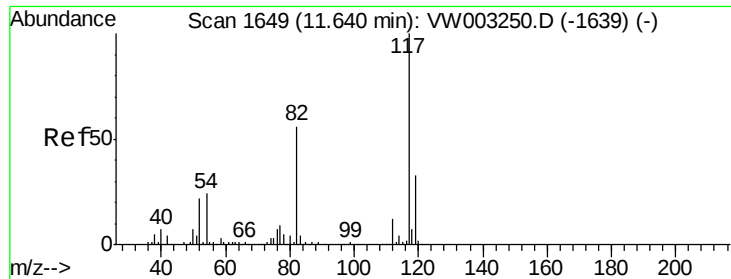


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





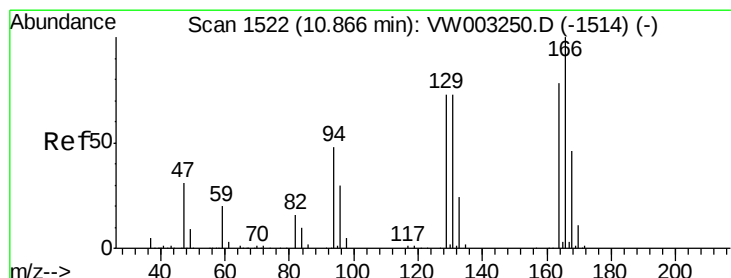
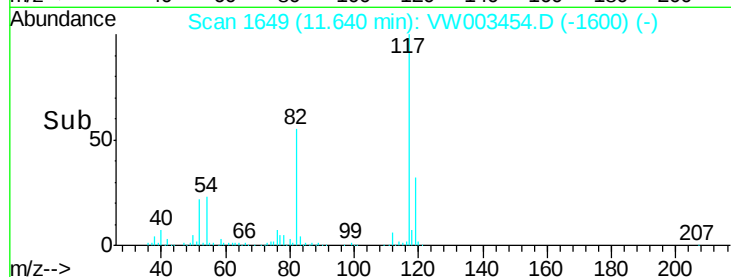
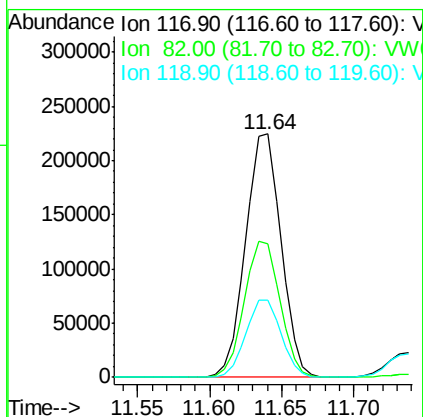
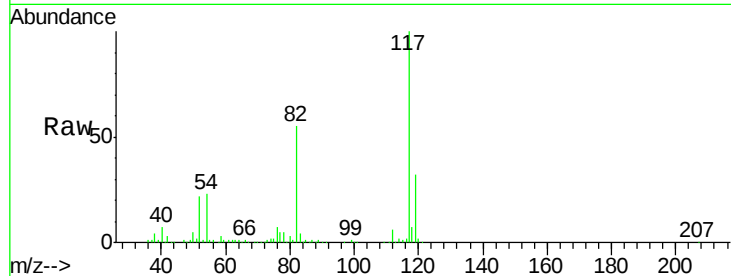
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	67.0
119	31.7	26.7	40.1

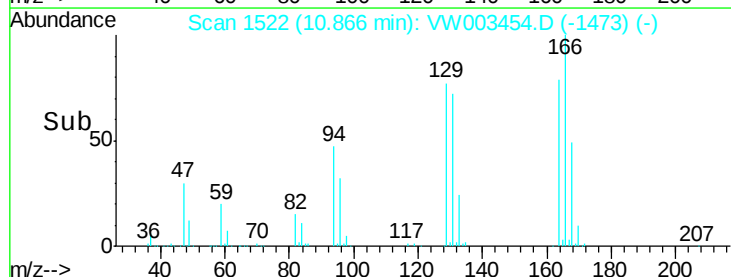
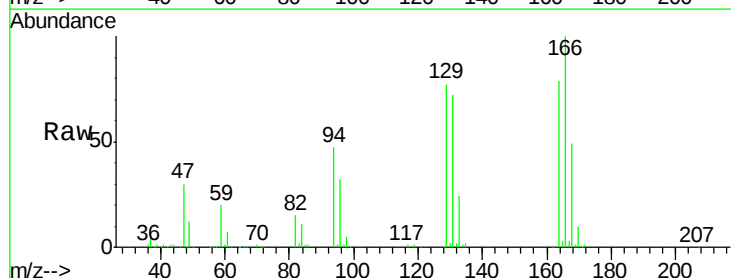
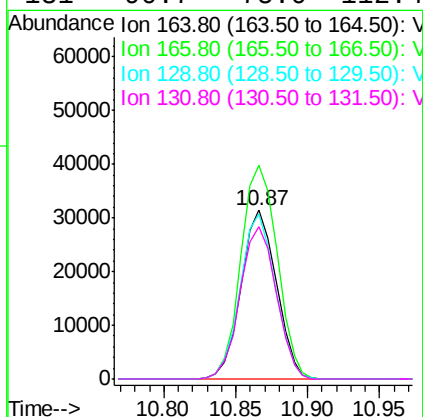
Manual Integrations
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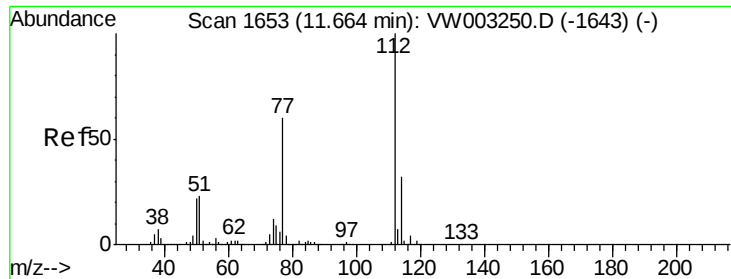
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#64
Tetrachloroethene
Concen: 20.87 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.6	154.0
129	98.0	75.2	112.8
131	90.7	75.0	112.4





#65

Chlorobenzene

Concen: 20.93 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

VW0623SBS01

Tot Ion:112 Resp: 166759

Ion Ratio Lower Upper

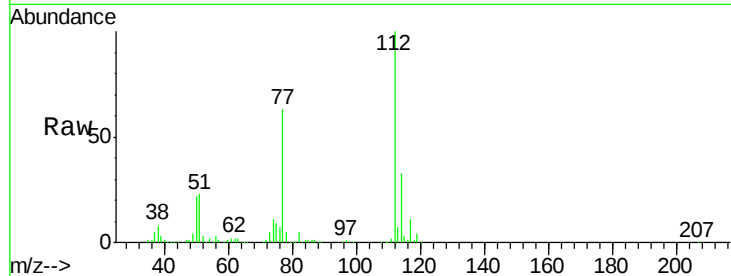
112 100

114 33.2 25.9 38.9

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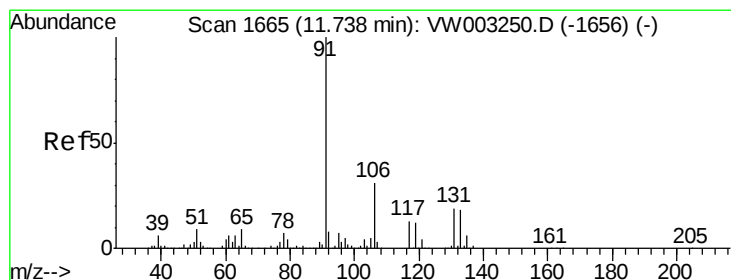
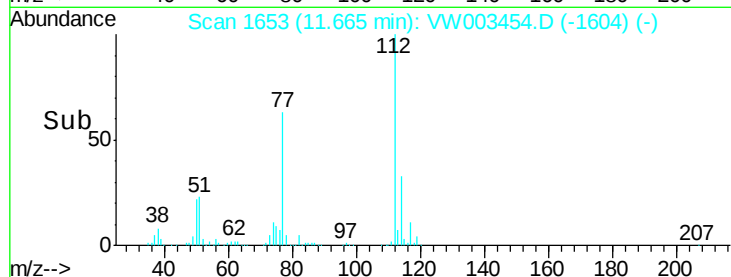
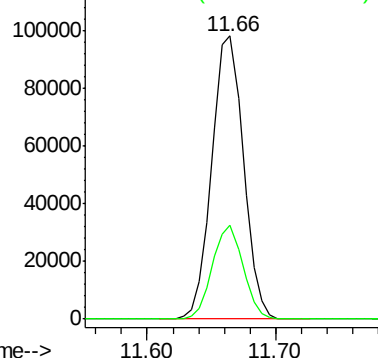
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.57 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

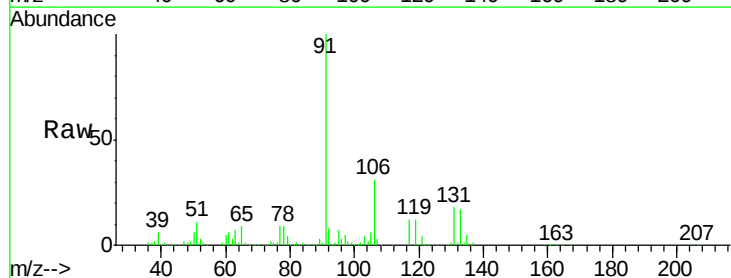
Tgt Ion:131 Resp: 57613

Ion Ratio Lower Upper

131 100

133 97.0 47.3 142.0

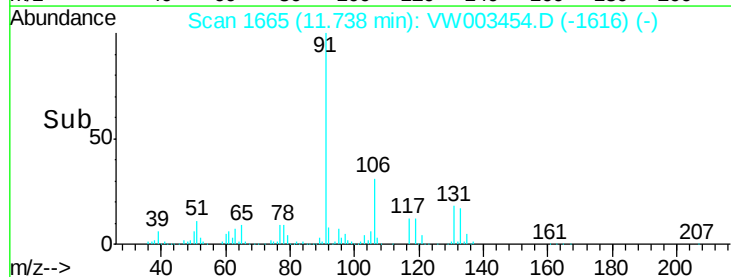
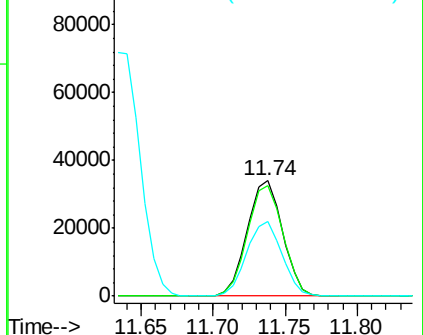
119 64.8 32.5 97.4

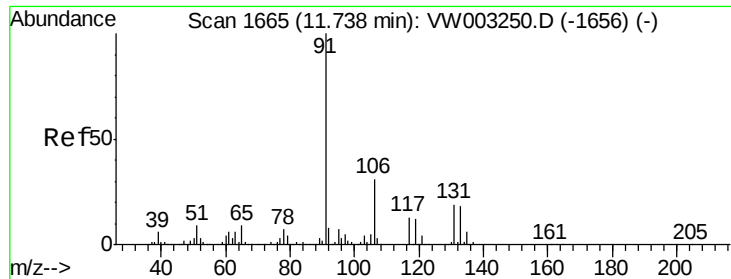


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





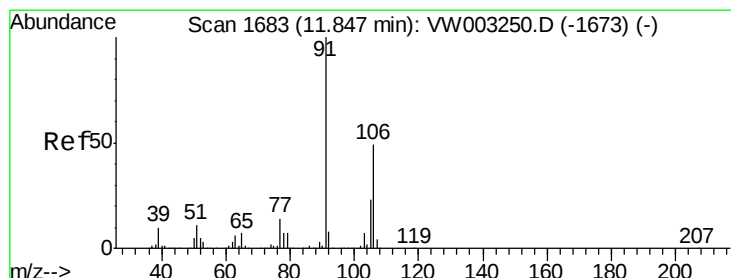
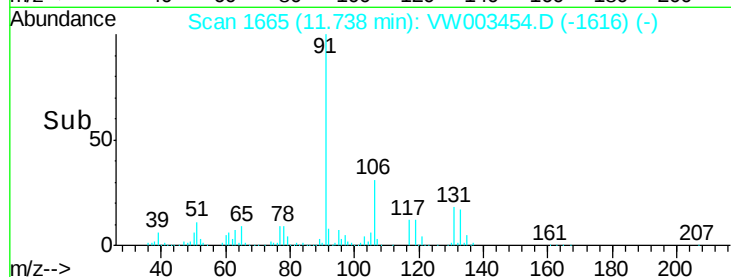
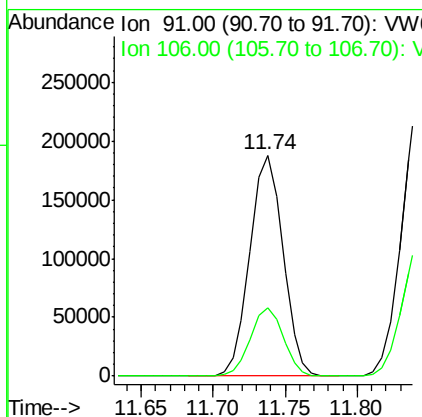
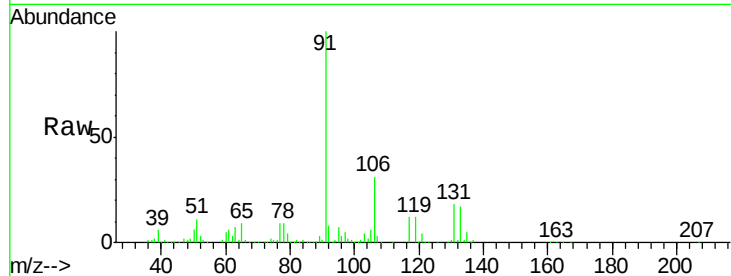
#67
Ethyl Benzene
Concen: 21.22 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampled :
VW0623SBS01

Tot Ion: 91 Resp: 299731
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1

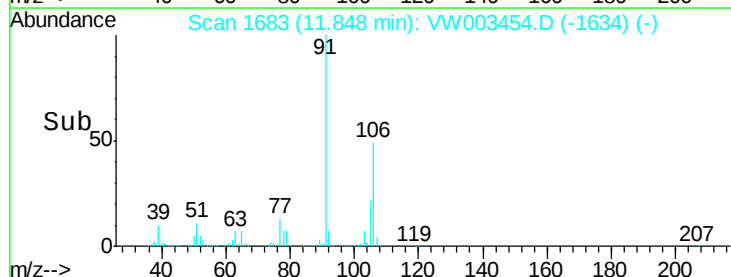
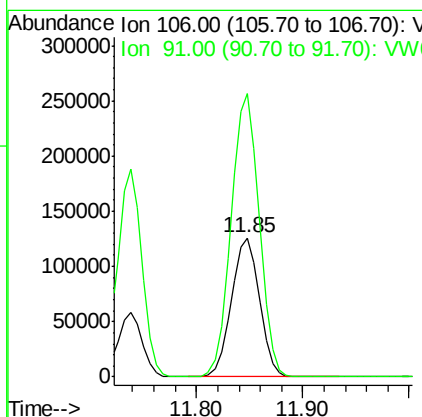
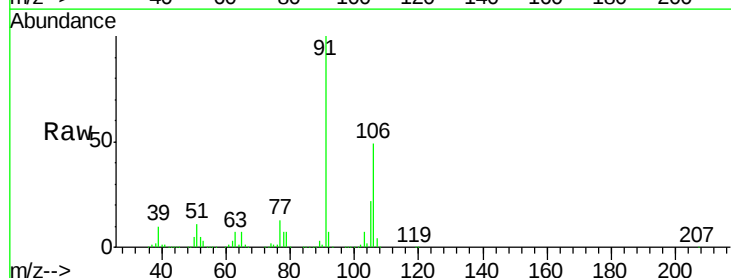
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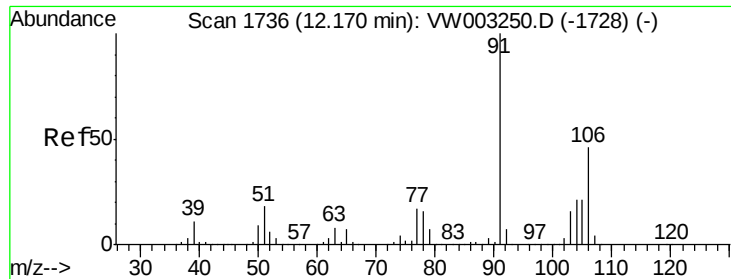
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#68
m/p-Xylenes
Concen: 43.26 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion: 106 Resp: 232288
Ion Ratio Lower Upper
106 100
91 203.9 165.4 248.0





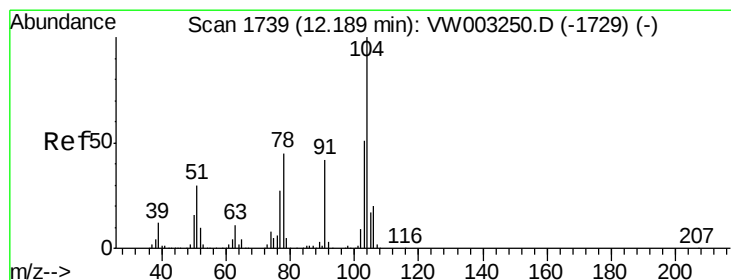
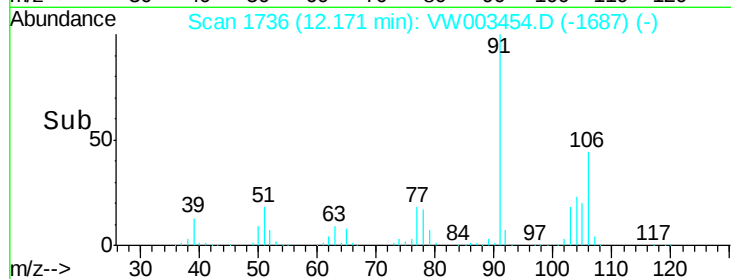
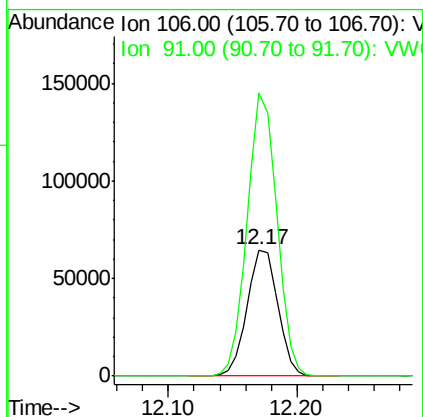
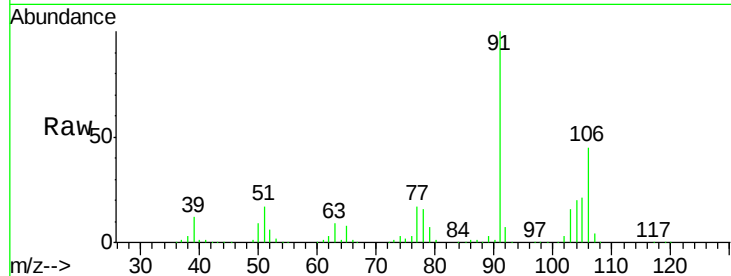
#69
o-Xylene
Concen: 21.34 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.9	108.6	325.6

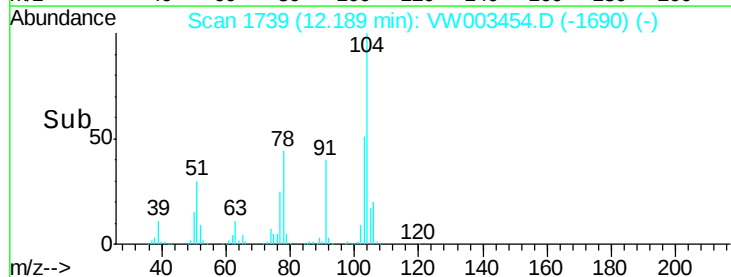
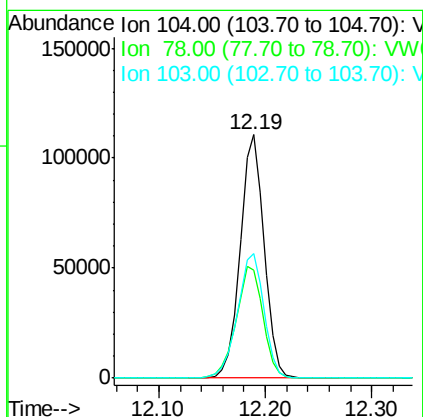
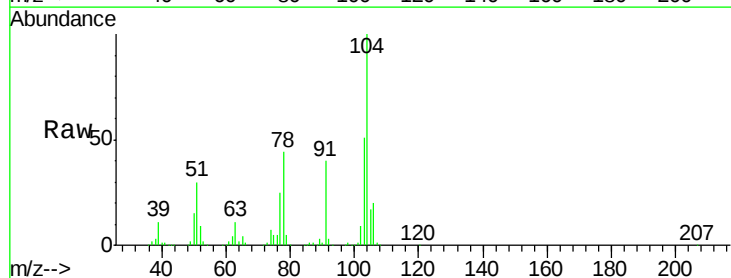
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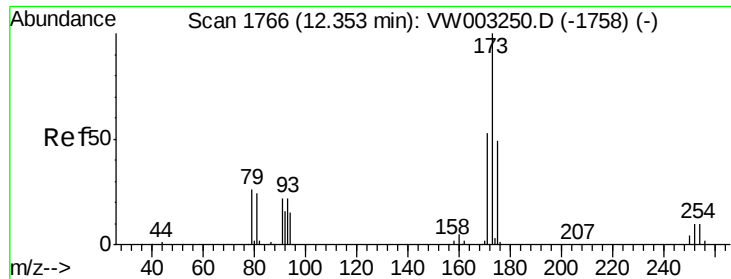
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#70
Styrene
Concen: 21.11 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.5	41.3	61.9
103	56.5	45.0	67.4





#71

Bromoform

Concen: 19.39 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion:173 Resp: 28138

Ion Ratio Lower Upper

173 100

175 50.2 24.4 73.4

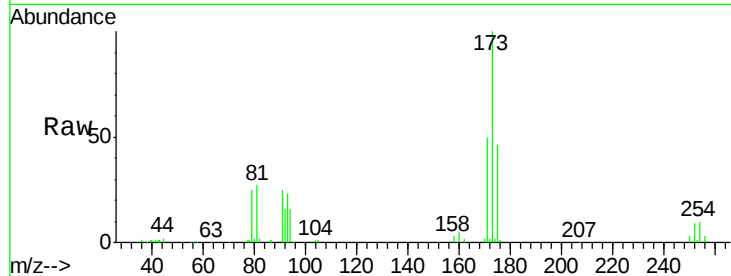
254 0.0 0.1 0.1#

Manual Integrations

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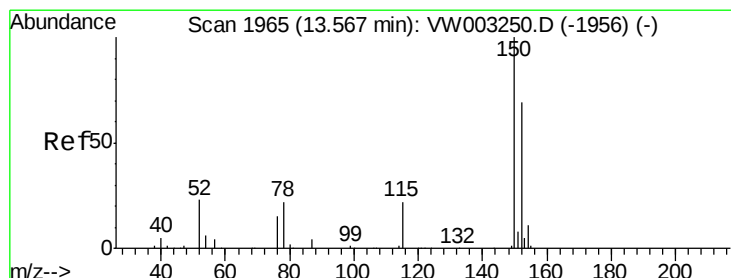
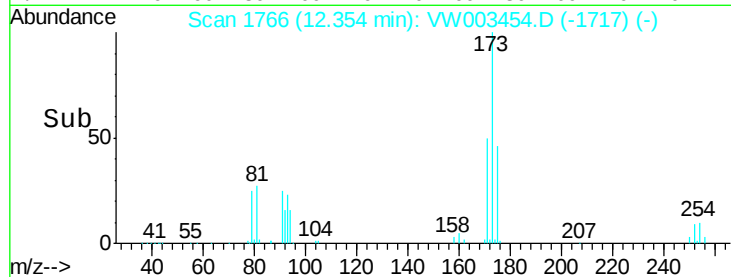
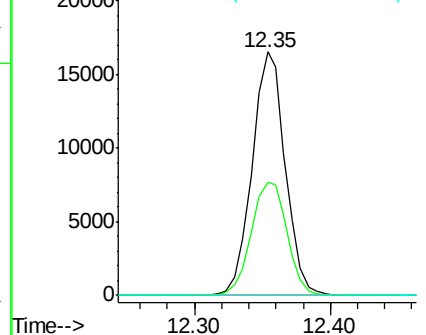
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW003454.D

Acq: 23 Jun 2018 12:36

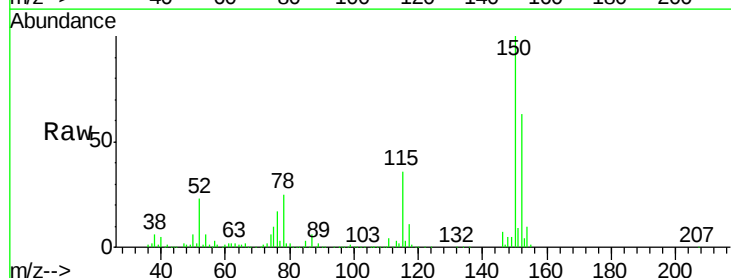
Tgt Ion:152 Resp: 205697

Ion Ratio Lower Upper

152 100

115 58.4 29.3 88.0

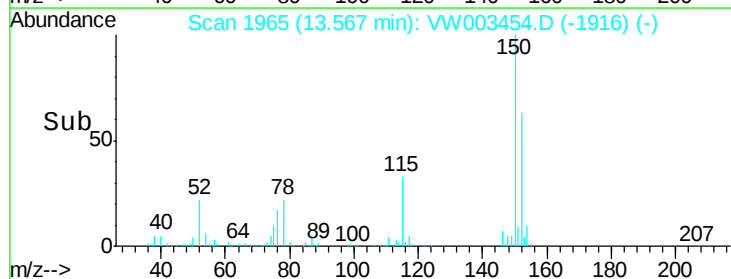
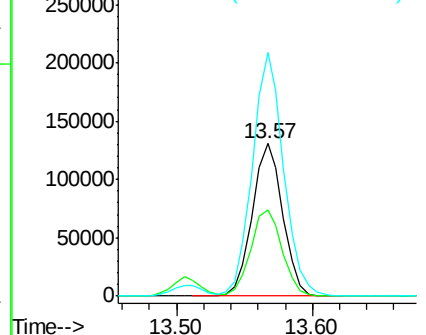
150 163.3 0.0 349.6

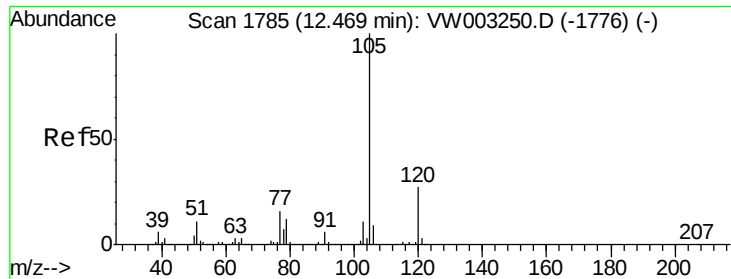


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





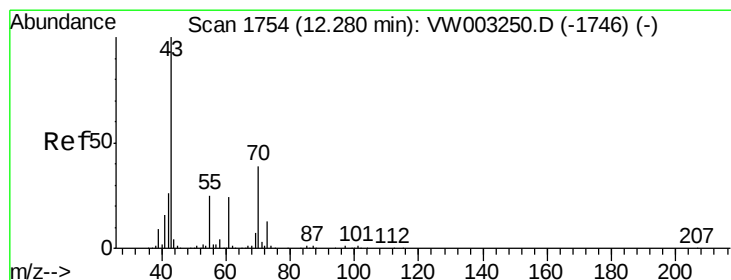
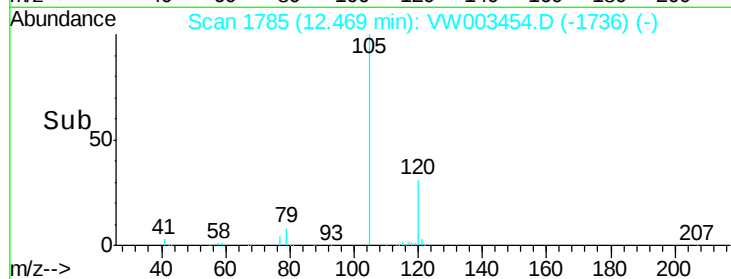
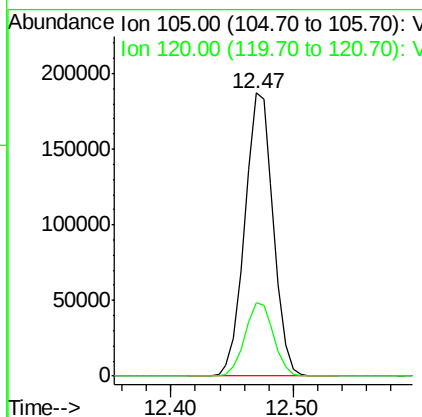
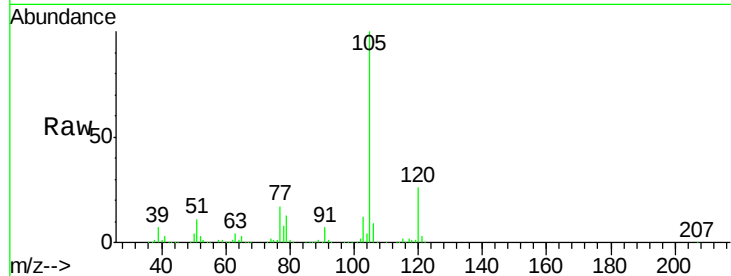
#73
Isopropylbenzene
Concen: 21.06 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.2	39.6

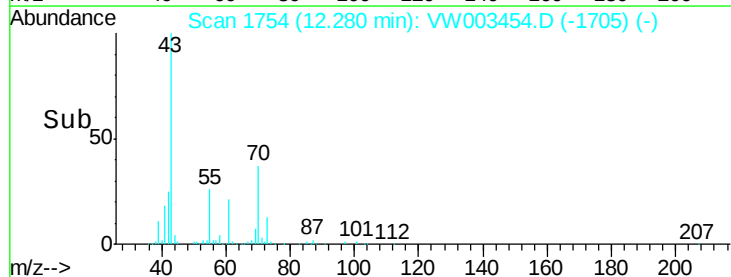
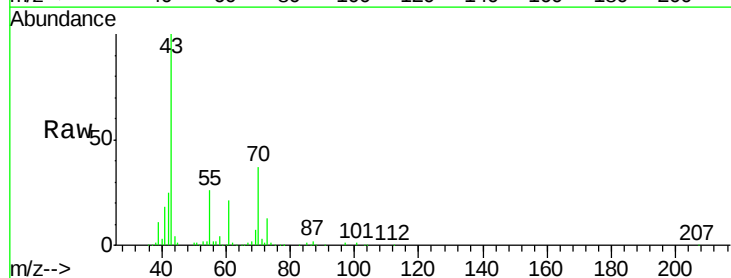
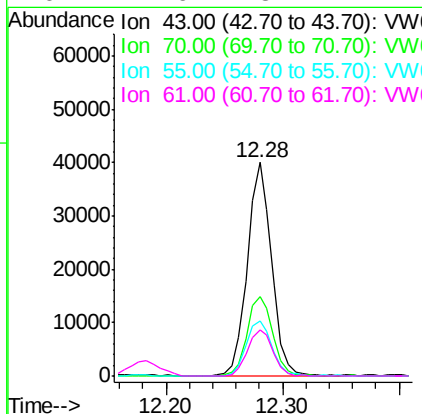
Manual Integrations
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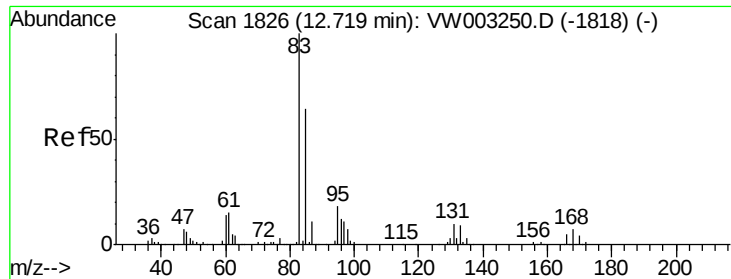
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#74
N-ethyl acetate
Concen: 17.91 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.8	31.0	46.6
55	27.5	19.7	29.5
61	22.6	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.70 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

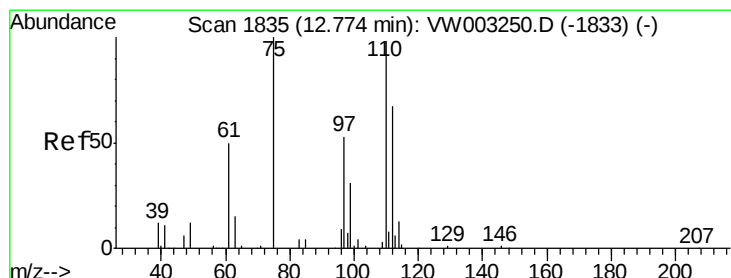
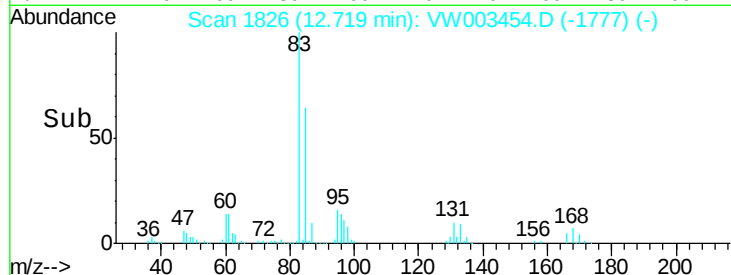
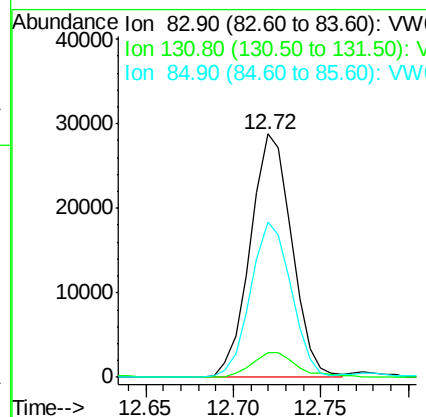
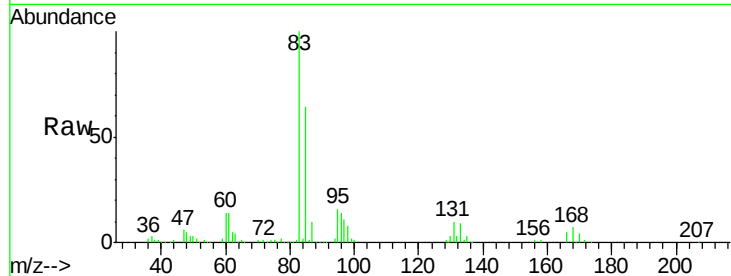
ClientSampleId :

VW0623SBS01

Tot Ion:	83	Resp:	47680
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.4	16.2
85	62.3	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.54 ug/l m

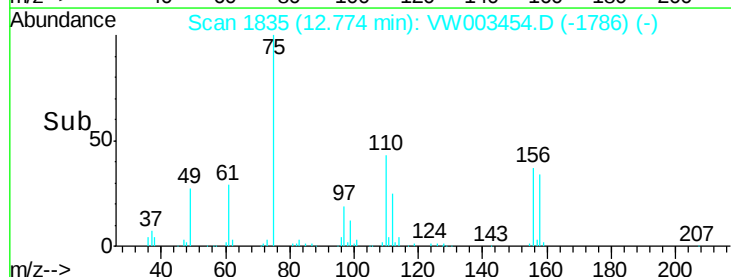
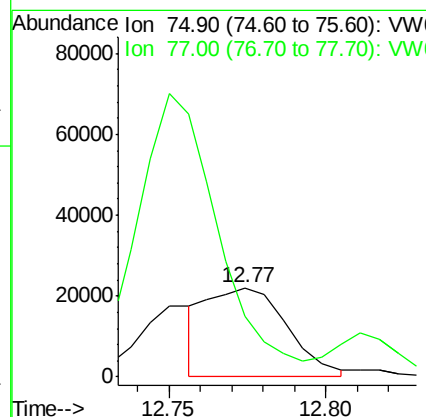
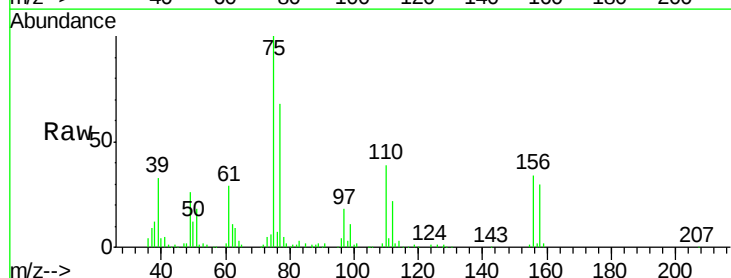
RT: 12.77 min Scan# 1835

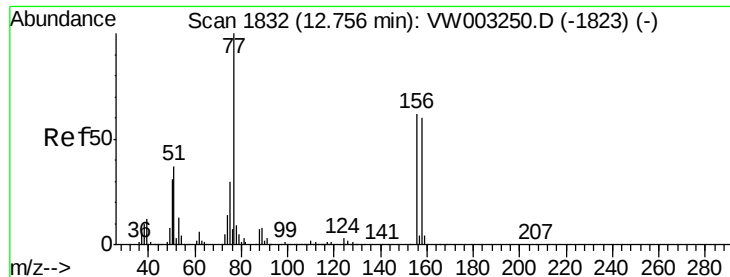
Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Tgt Ion:	75	Resp:	39637
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.56 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

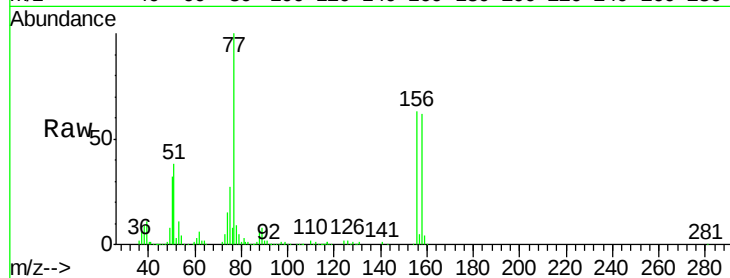
ClientSampleId :

VW0623SBS01

Tot Ion:	156	Resp:	68515
Ion Ratio	Lower	Upper	
156	100		
77	185.6	92.3	276.9
158	96.5	47.5	142.6

Manual Integrations
APPROVED

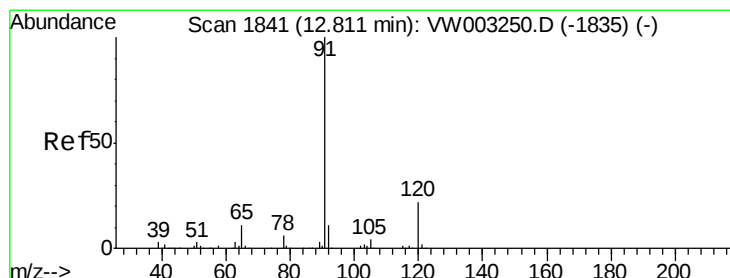
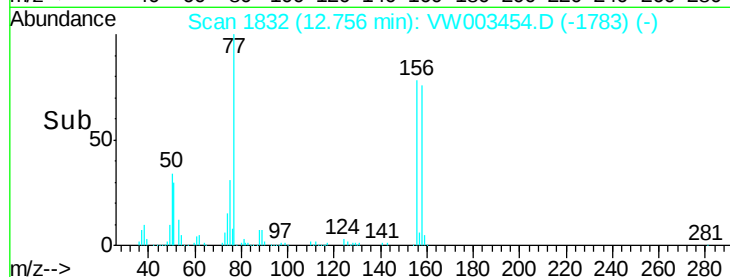
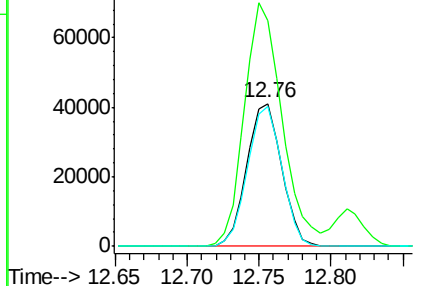
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.50 ug/l

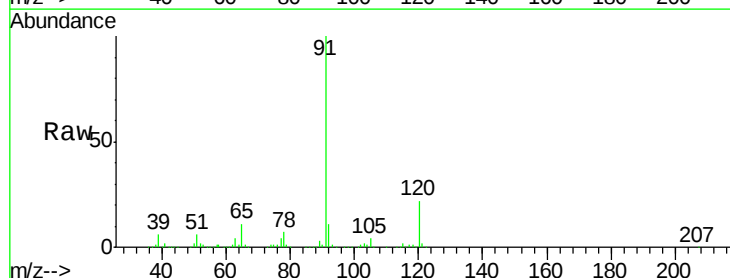
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003454.D

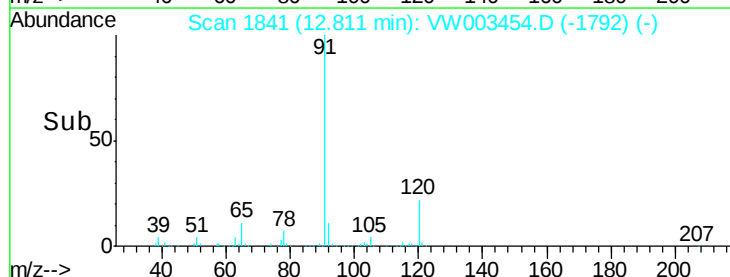
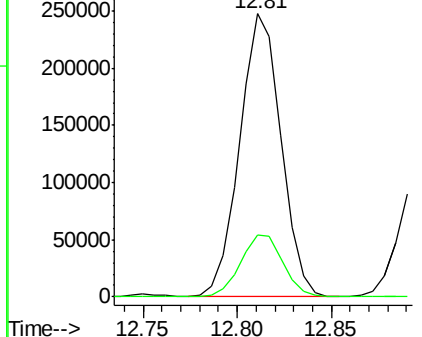
Acq: 23 Jun 2018 12:36

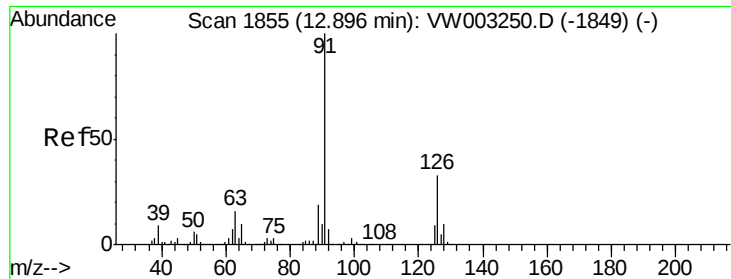
Tgt Ion:	91	Resp:	376567
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.19 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

VW0623SBS01

Tot Ion: 91 Resp: 209830

Ion Ratio Lower Upper

91 100

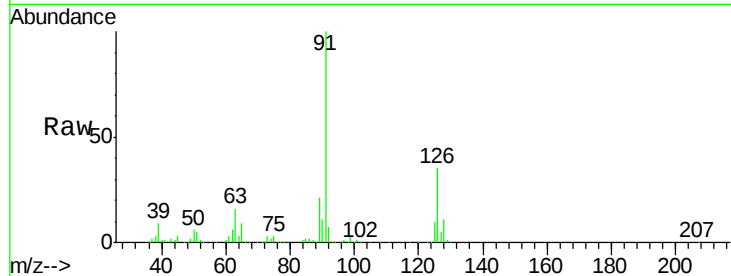
126 33.6 16.8 50.4

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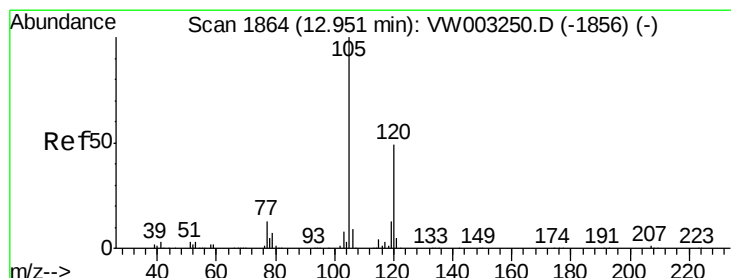
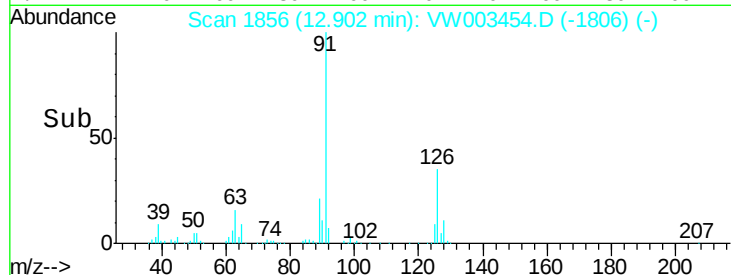
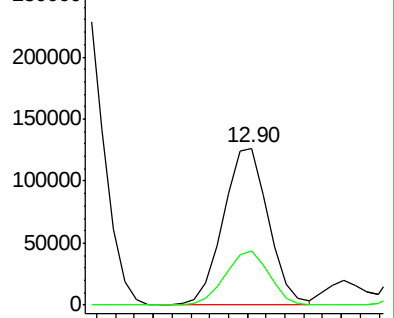
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.65 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003454.D

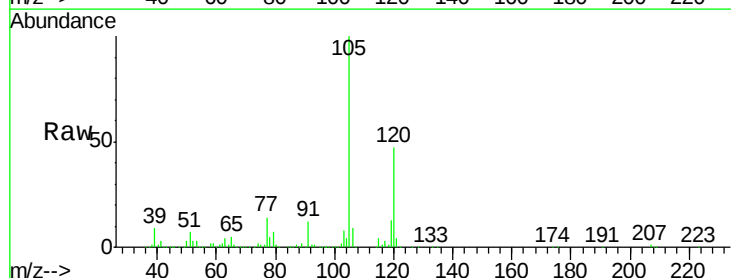
Acq: 23 Jun 2018 12:36

Tgt Ion:105 Resp: 260048

Ion Ratio Lower Upper

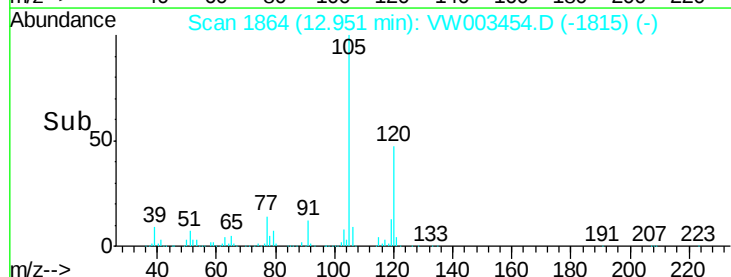
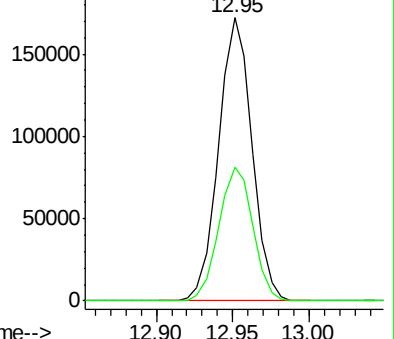
105 100

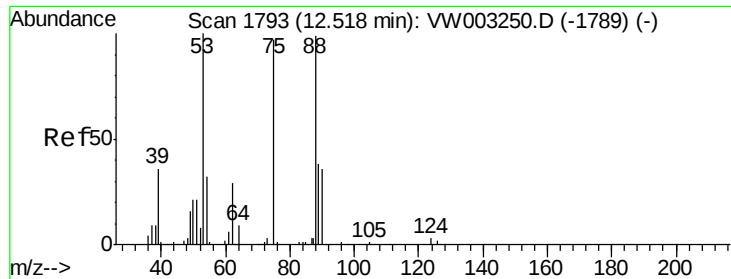
120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.10 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

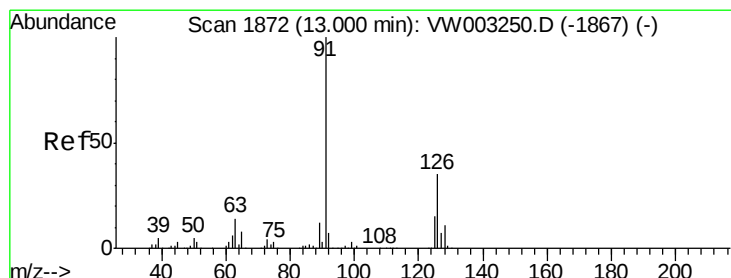
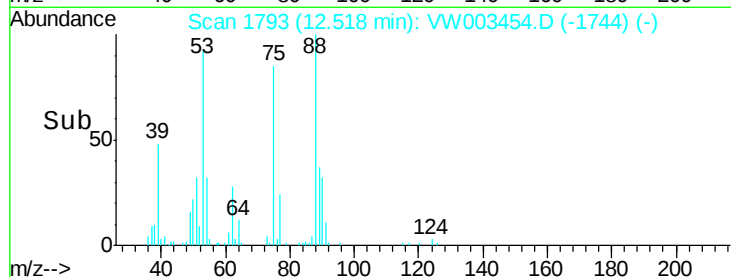
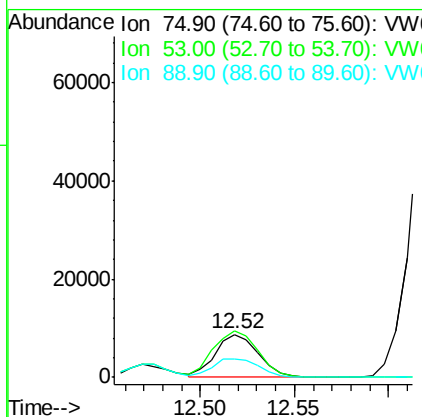
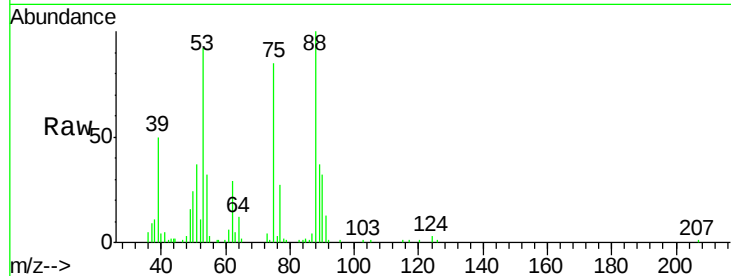
ClientSampleId :

VW0623SBS01

Tot Ion:	75	Resp:	13832
Ion	Ratio	Lower	Upper
75	100		
53	112.9	82.9	124.3
89	47.3	36.7	55.1

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#82

4-Chlorotoluene

Concen: 21.03 ug/l

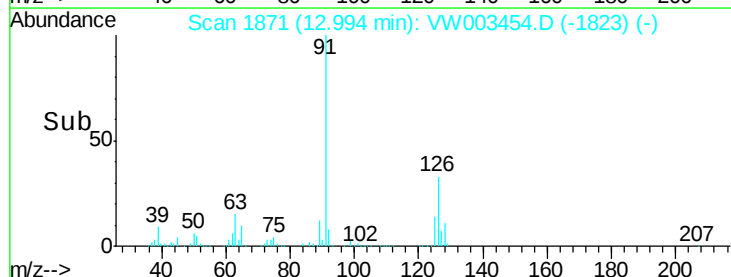
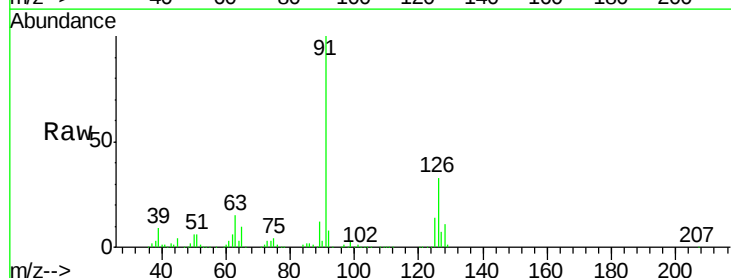
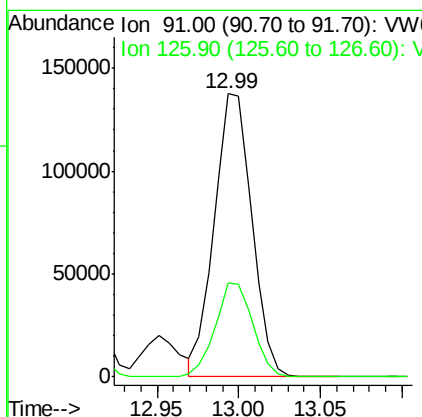
RT: 12.99 min Scan# 1871

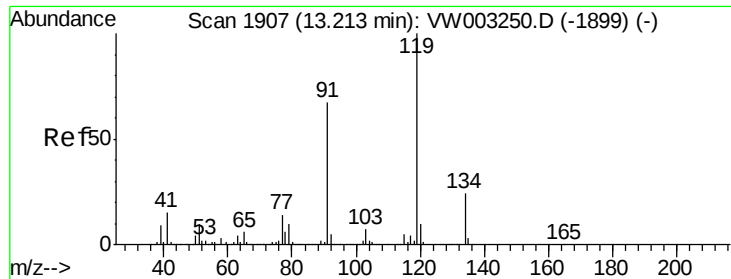
Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Tgt Ion:	91	Resp:	220900
Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.8	50.3





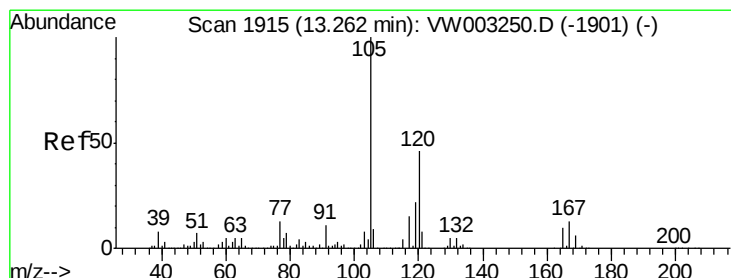
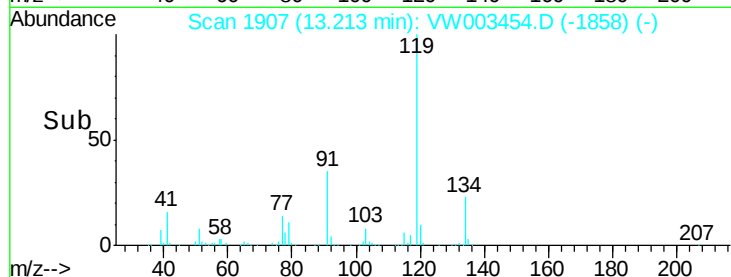
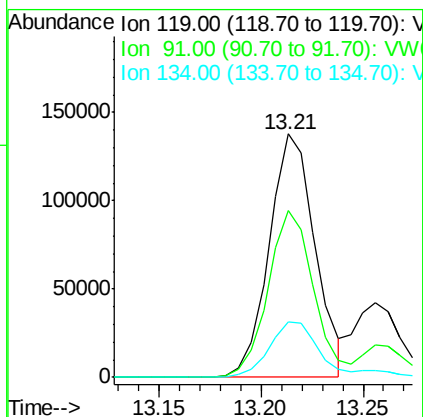
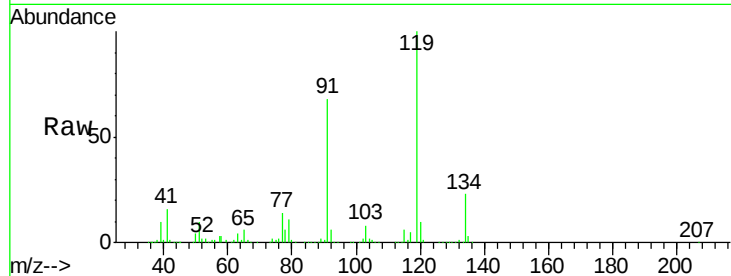
#83
tert-Butylbenzene
Concen: 21.09 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	215866		
91	68.3		33.9	101.7
134	26.0		13.4	40.1

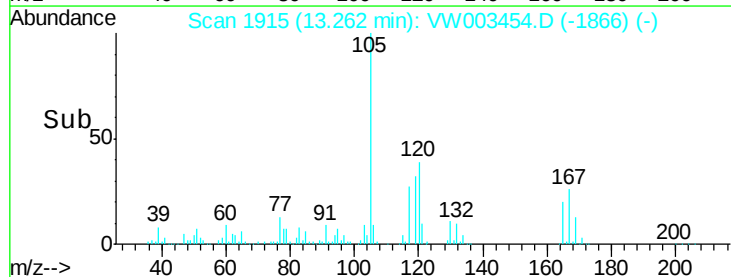
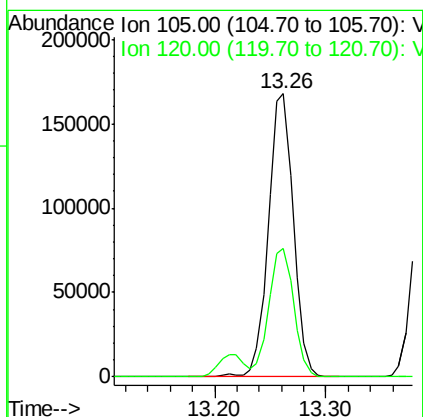
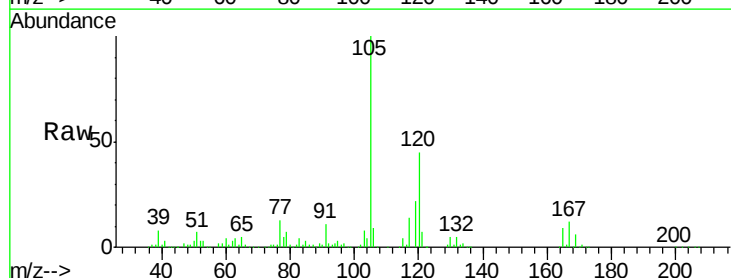
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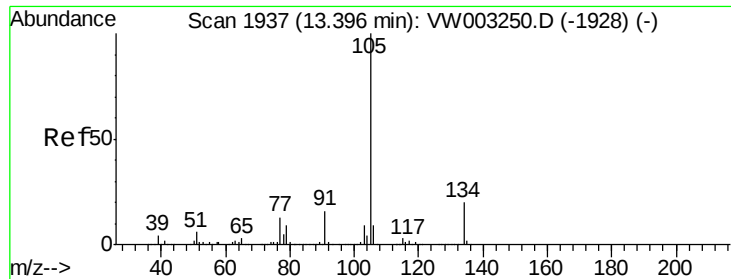
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#84
1,2,4-Trimethylbenzene
Concen: 21.33 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263483		
120	45.3		22.5	67.5





#85

sec-Butylbenzene

Concen: 21.57 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS01

Tot Ion:105 Resp: 328199

Ion Ratio Lower Upper

105 100

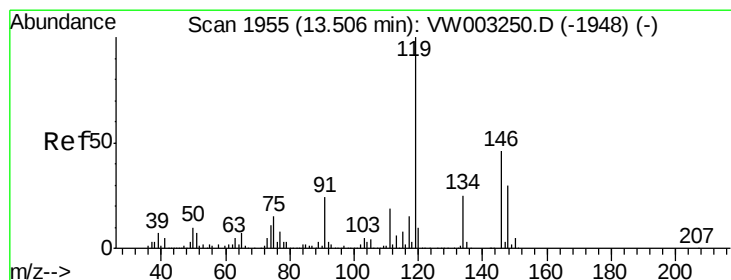
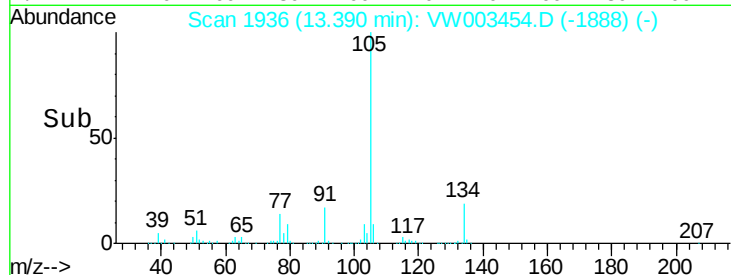
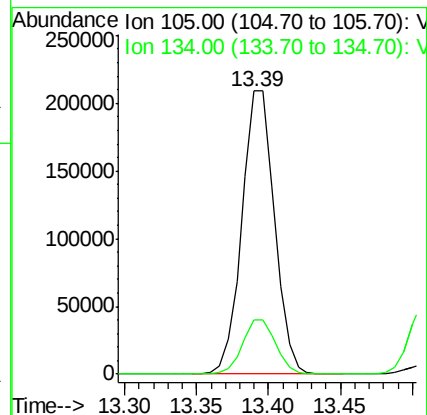
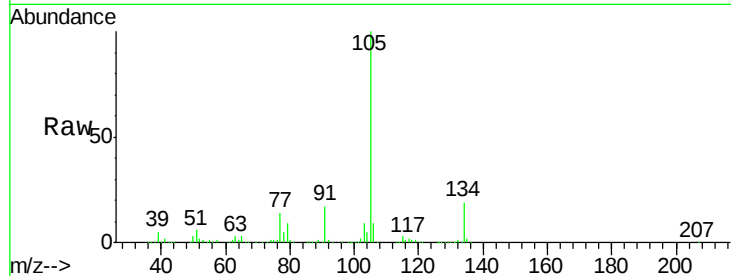
134 19.6 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 21.44 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

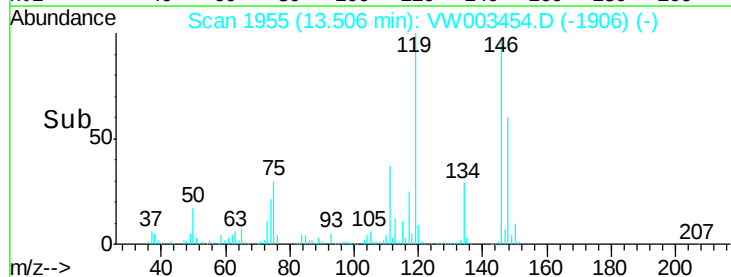
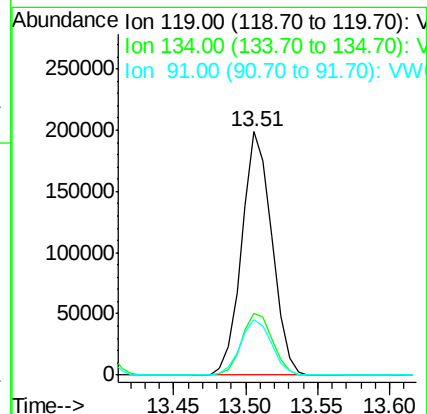
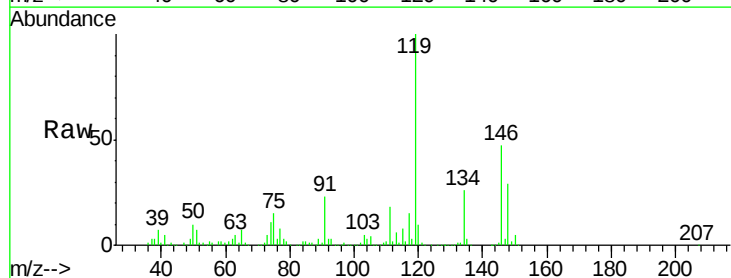
Tgt Ion:119 Resp: 287724

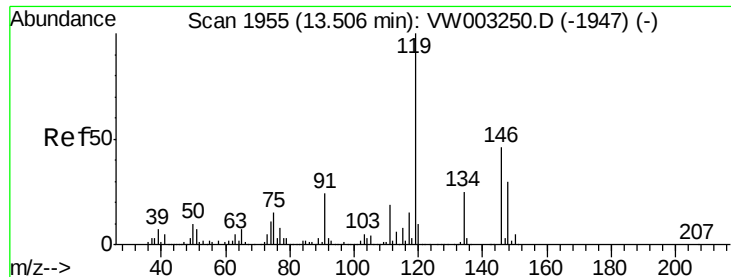
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 23.5 11.8 35.3





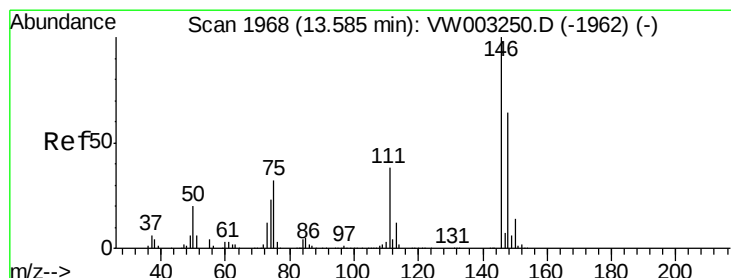
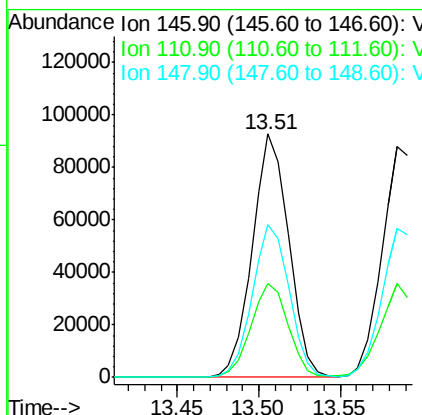
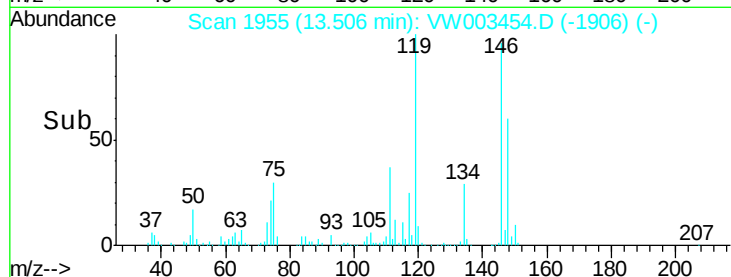
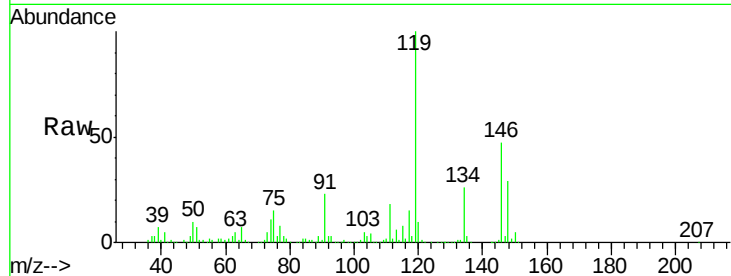
#87
 1,3-Dichlorobenzene
 Concen: 21.12 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.4
148	63.4	32.1	96.5

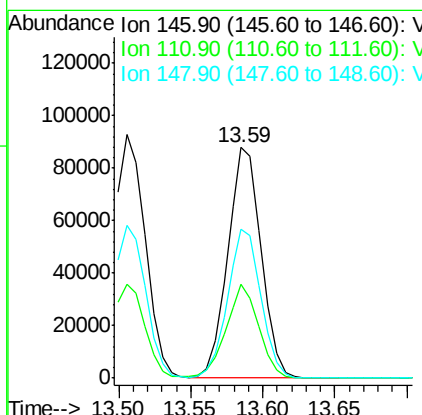
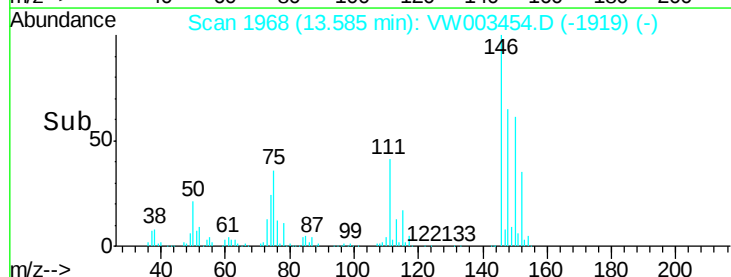
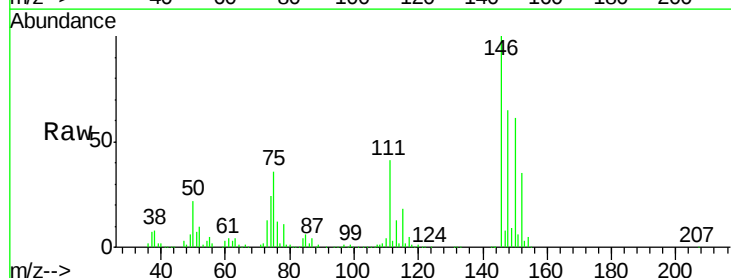
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#88
 1,4-Dichlorobenzene
 Concen: 20.88 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.2	57.6
148	64.5	31.8	95.4





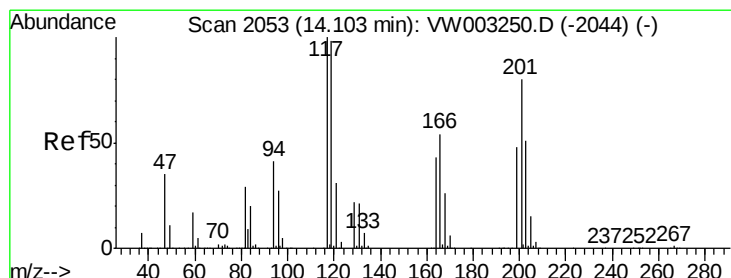
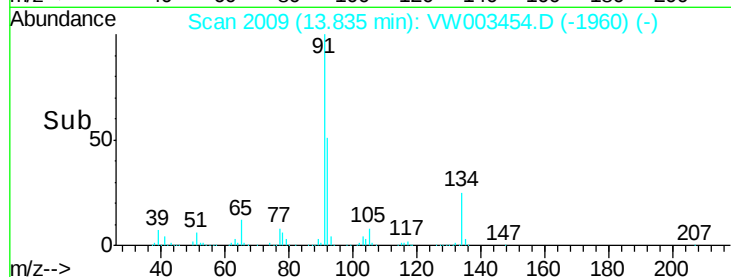
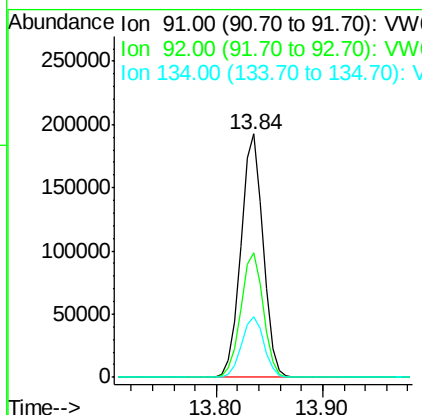
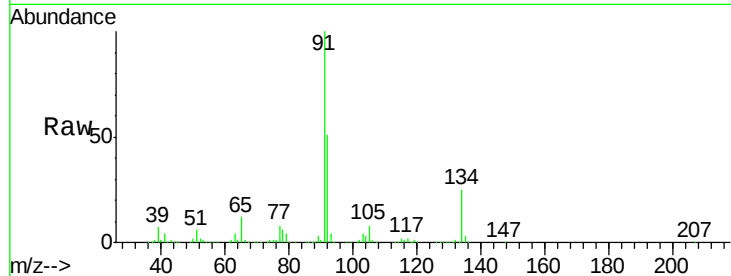
#89
n-Butylbenzene
Concen: 21.55 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	25.1	12.7	38.0

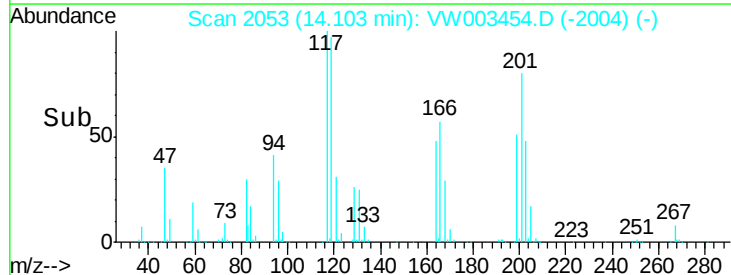
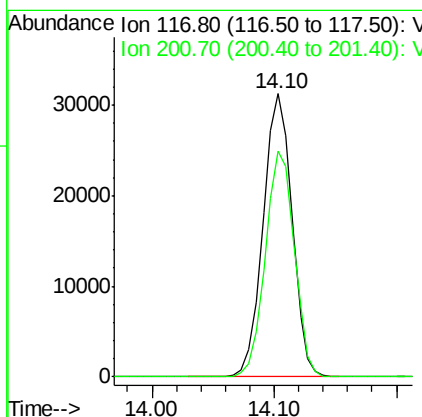
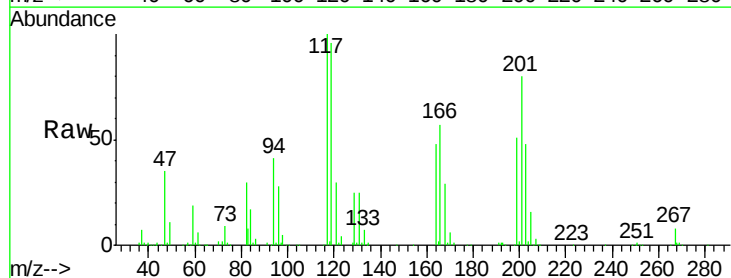
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#90
Hexachloroethane
Concen: 21.26 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	39.5	118.5





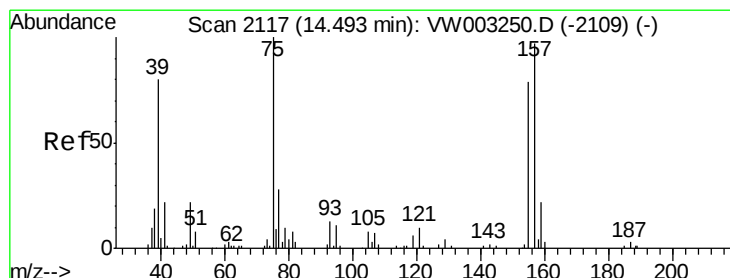
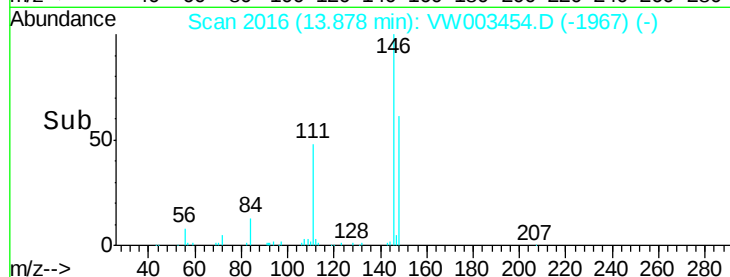
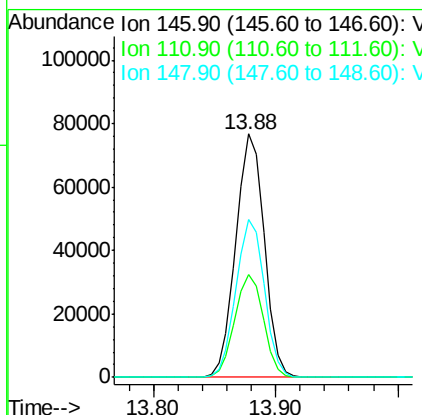
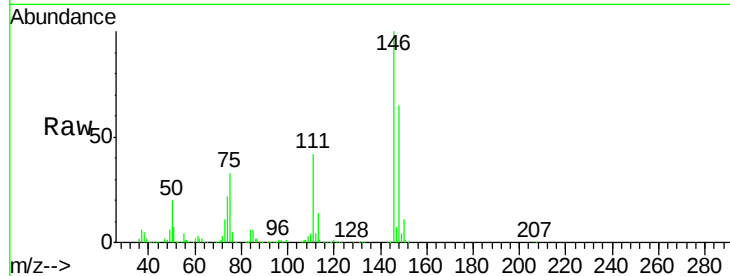
#91
 1,2-Dichlorobenzene
 Concen: 20.61 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.3	61.0
148	64.9	32.3	96.9

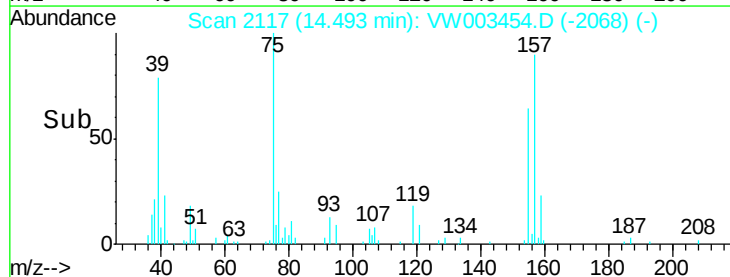
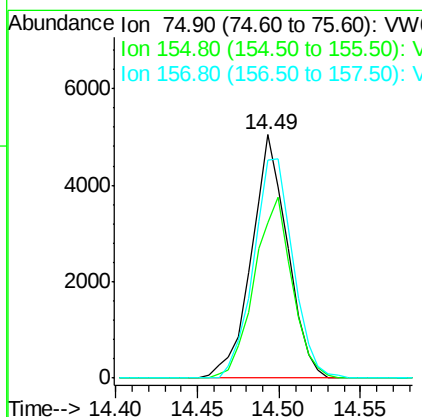
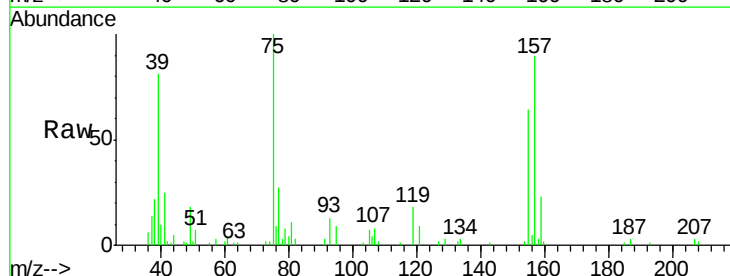
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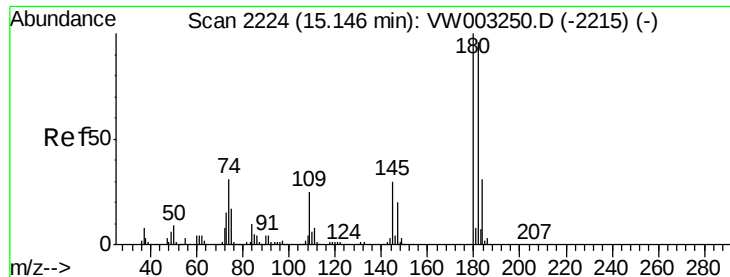
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.95 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	39.4	118.2
157	99.1	51.5	154.5





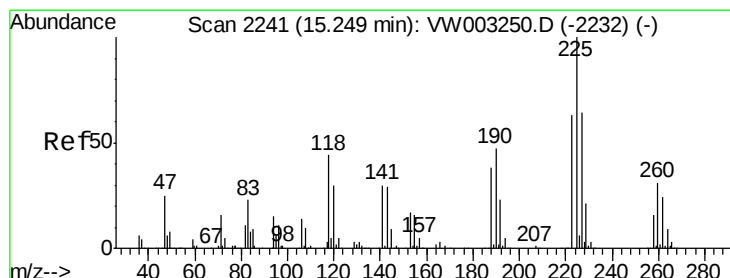
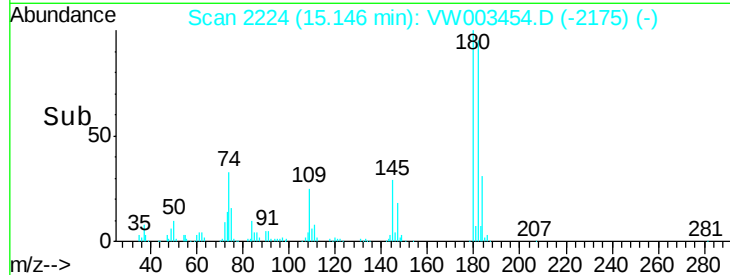
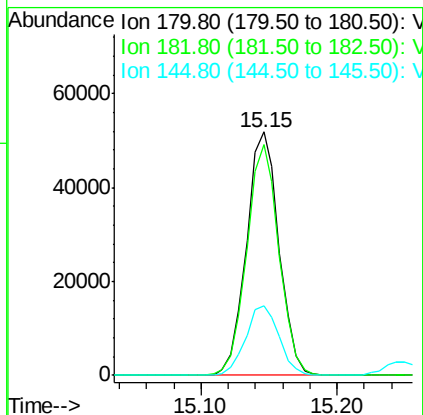
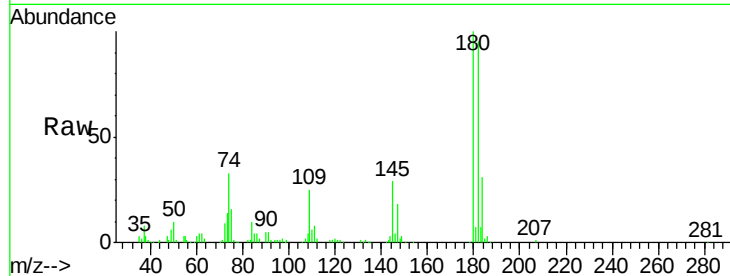
#93
 1,2,4-Trichlorobenzene
 Concen: 20.55 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	86501		
182	94.0	47.9	143.6	
145	29.5	15.2	45.5	

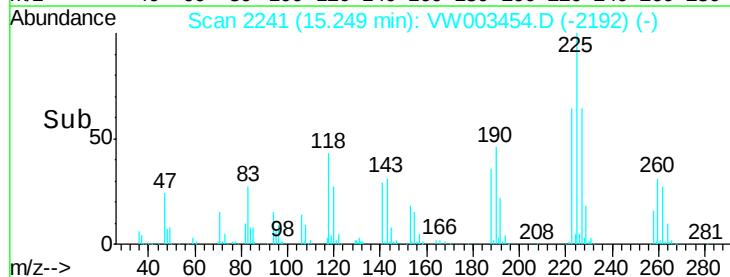
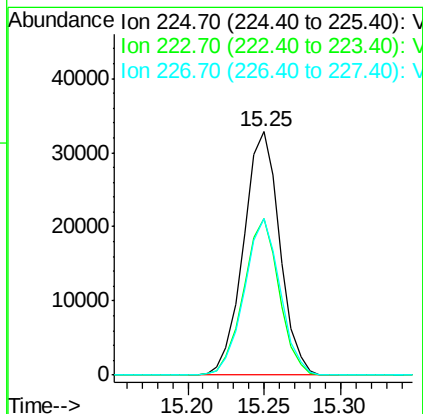
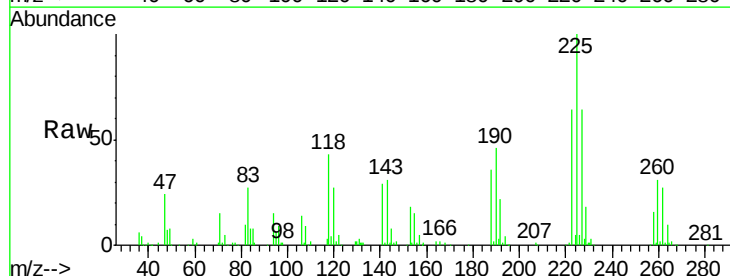
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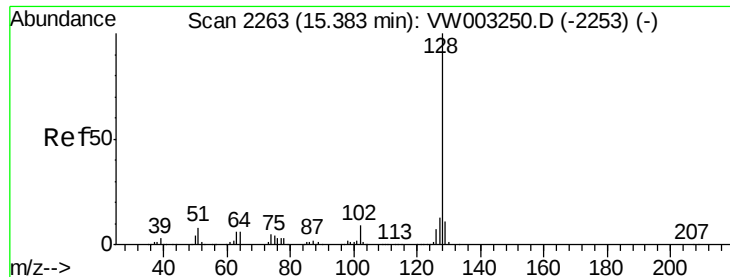
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#94
 Hexachlorobutadiene
 Concen: 21.33 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54007		
223	62.7	30.6	92.0	
227	63.5	31.7	95.1	





#95

Naphthalene

Concen: 18.70 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

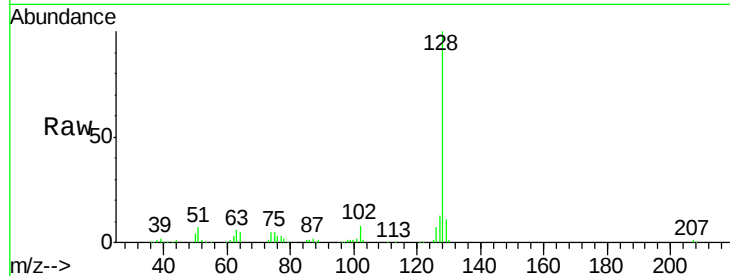
ClientSampleId :

VW0623SBS01

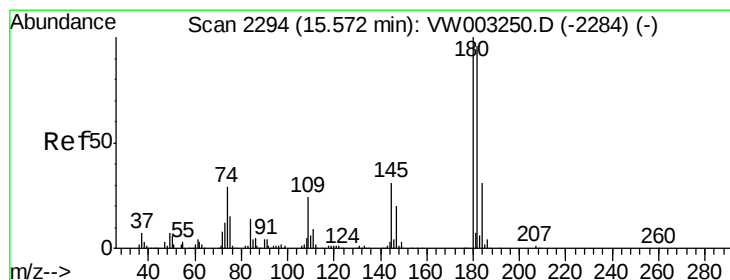
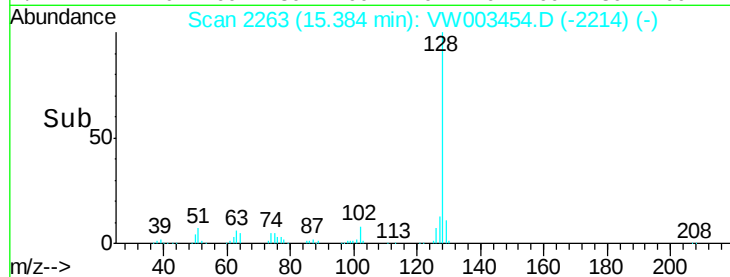
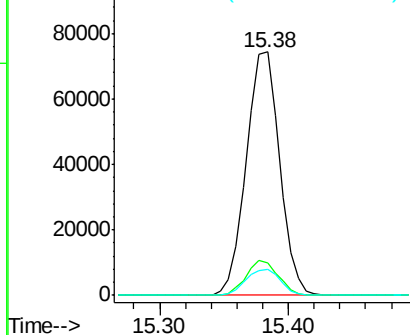
Tot Ion:	128	Resp:	133496
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.5	15.7
129	11.1	8.9	13.3

Manual Integrations
APPROVED

apatel
6/25/2018 6:58:34 PM



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



#96

1,2,3-Trichlorobenzene

Concen: 19.87 ug/l

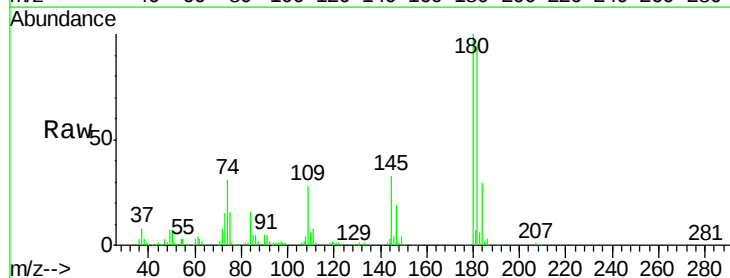
RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Tgt Ion:	180	Resp:	73632
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.9	143.6
145	31.4	15.8	47.4



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

