

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

Quant Time: Jun 25 02:30:38 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	37.533	ug/l	91
3) Chloromethane	2.21	50	46525	22.495	ug/l	96
4) Vinyl Chloride	2.36	62	62506	20.731	ug/l	98
5) Bromomethane	2.78	94	38246	19.085	ug/l	99
6) Chloroethane	2.92	64	41903	19.966	ug/l	95
7) Trichlorofluoromethane	3.26	101	45911	25.417	ug/l	96
8) Diethyl Ether	3.68	74	25887	19.509	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54704	21.810	ug/l	99
10) Methyl Iodide	4.26	142	80915	21.331	ug/l	99
11) Tert butyl alcohol	5.25	59	5854	37.218	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	53391	21.782	ug/l	97
13) Acrolein	3.90	56	17539	77.992	ug/l	96
14) Allyl chloride	4.67	41	88356	20.810	ug/l	100
15) Acrylonitrile	5.38	53	53258	97.554	ug/l	99
16) Acetone	4.15	43	60594	98.511	ug/l	100
17) Carbon Disulfide	4.37	76	157808	21.777	ug/l	99
18) Methyl Acetate	4.68	43	26956	18.473	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	89285	19.449	ug/l	96
20) Methylene Chloride	4.92	84	58914	20.372	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	57139	21.420	ug/l	96
22) Diisopropyl ether	6.32	45	178735	20.917	ug/l	97
23) Vinyl Acetate	6.26	43	486243	98.747	ug/l	100
24) 1,1-Dichloroethane	6.22	63	109685	21.622	ug/l	99
25) 2-Butanone	7.19	43	74106	96.888	ug/l	100
26) 2,2-Dichloropropane	7.17	77	73380	21.675	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	61308	20.921	ug/l	97
28) Bromochloromethane	7.51	49	40845	19.349	ug/l	97
29) Tetrahydrofuran	7.54	42	42305	90.500	ug/l	99
30) Chloroform	7.68	83	110022	21.289	ug/l	99
31) Cyclohexane	7.96	56	100957	21.303	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	93364	21.887	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88616	22.082	ug/l	99
37) Ethyl Acetate	7.26	43	32353	19.460	ug/l	98
38) Carbon Tetrachloride	8.07	117	86886	22.072	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	21.681	ug/l	99
40) Benzene	8.33	78	239975	21.694	ug/l	100
41) Methacrylonitrile	7.49	41	18729	18.358	ug/l	97
42) 1,2-Dichloroethane	8.40	62	72626	20.955	ug/l	99
43) Isopropyl Acetate	8.43	43	61309	18.572	ug/l	97
44) Trichloroethene	9.10	130	63697	21.731	ug/l	97
45) 1,2-Dichloropropane	9.37	63	60525	21.489	ug/l	99
46) Dibromomethane	9.46	93	30302	21.014	ug/l	99
47) Bromodichloromethane	9.65	83	77788	21.045	ug/l	97
48) Methyl methacrylate	9.44	41	30128	19.420	ug/l	97
49) 1,4-Dioxane	9.50	88	7519	345.345	ug/l	84
51) 4-Methyl-2-Pentanone	10.21	43	159886	95.050	ug/l	99
52) Toluene	10.39	92	154756	21.816	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	76870	20.359	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	89309	20.782	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41725	20.534	ug/l	96
56) Ethyl methacrylate	10.65	69	45405	18.401	ug/l	95
57) 1,3-Dichloropropane	10.94	76	71639	20.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	110608	99.996	ug/l	99
59) 2-Hexanone	10.98	43	113753	96.802	ug/l	99
60) Dibromochloromethane	11.13	129	48533	20.084	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38414	19.986	ug/l	100
64) Tetrachloroethene	10.87	164	53414	20.869	ug/l	97
65) Chlorobenzene	11.66	112	166759	20.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	57613	20.573	ug/l	99
67) Ethyl Benzene	11.74	91	299731	21.219	ug/l	100
68) m/p-Xylenes	11.85	106	232288	43.258	ug/l	98
69) o-Xylene	12.17	106	106200	21.340	ug/l	99
70) Styrene	12.19	104	174858	21.109	ug/l	100
71) Bromoform	12.35	173	28138	19.387	ug/l #	98
73) Isopropylbenzene	12.47	105	301243	21.056	ug/l	99
74) N-amyl acetate	12.28	43	58329	17.912	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47680	19.699	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	63418	36.064	ug/l #	100
77) Bromobenzene	12.76	156	68515	20.563	ug/l	99
78) n-propylbenzene	12.81	91	376567	21.495	ug/l	100
79) 2-Chlorotoluene	12.90	91	209830	21.194	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	260048	21.654	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13832	18.100	ug/l	93
82) 4-Chlorotoluene	12.99	91	220900	21.033	ug/l	100
83) tert-Butylbenzene	13.21	119	215866	21.092	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	263483	21.329	ug/l	100
85) sec-Butylbenzene	13.39	105	328199	21.575	ug/l	100
86) p-Isopropyltoluene	13.51	119	287724	21.444	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	144540	21.117	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	142105	20.883	ug/l	98
89) n-Butylbenzene	13.84	91	281837	21.550	ug/l	100
90) Hexachloroethane	14.10	117	51611	21.264	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	123588	20.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7718	18.948	ug/l	97

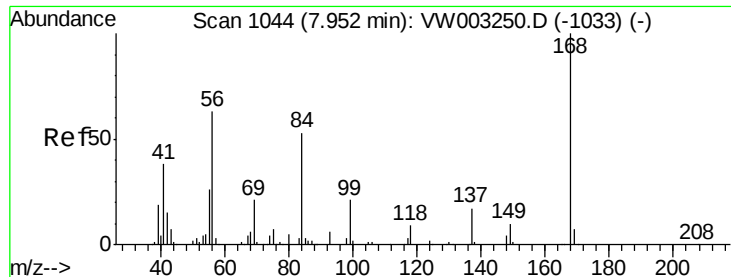
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86501	20.551	ug/l	98
94) Hexachlorobutadiene	15.25	225	54007	21.330	ug/l	99
95) Naphthalene	15.38	128	133496	18.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73632	19.874	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 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

ClientSampleId :

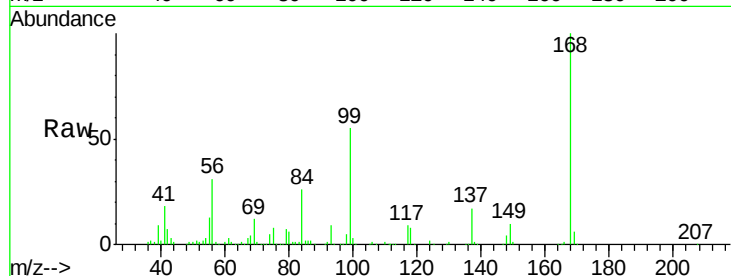
VW0623SBS01

Tgt Ion:168 Resp: 270767

Ion Ratio Lower Upper

168 100

99 54.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

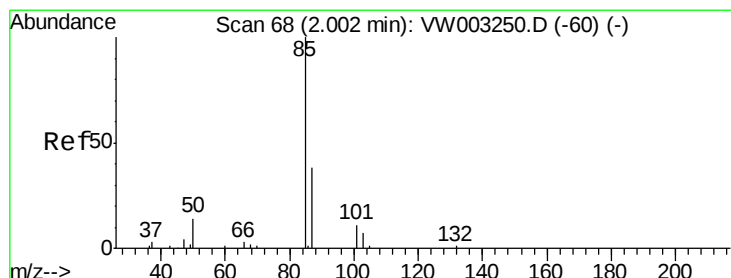
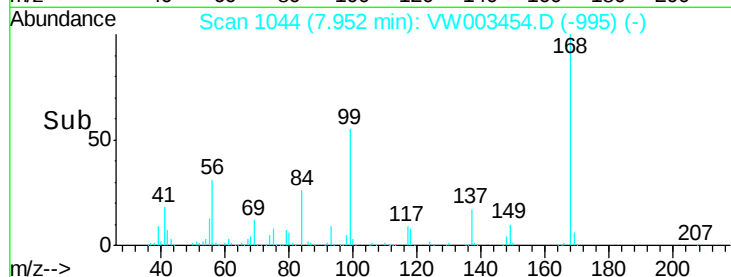
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 37.533 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003454.D

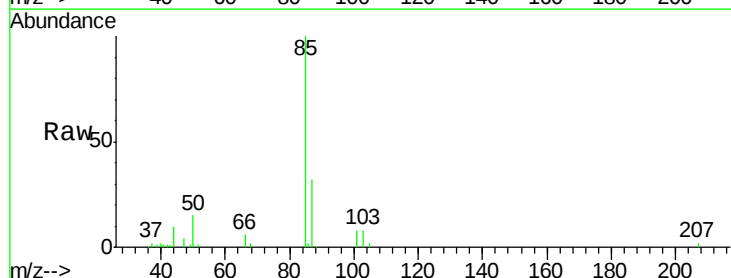
Acq: 23 Jun 2018 12:36

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

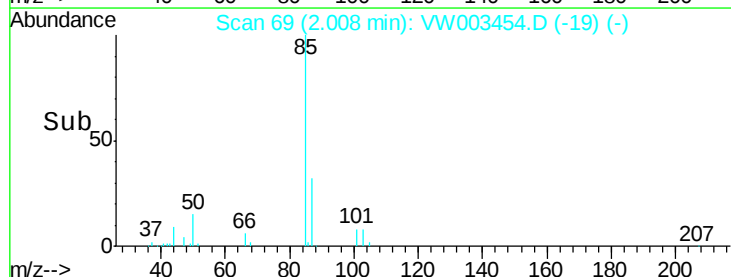
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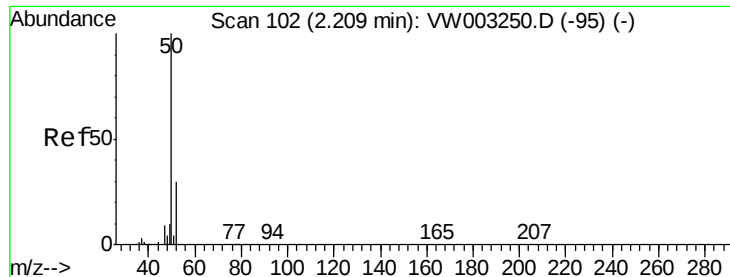
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 22.495 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 :

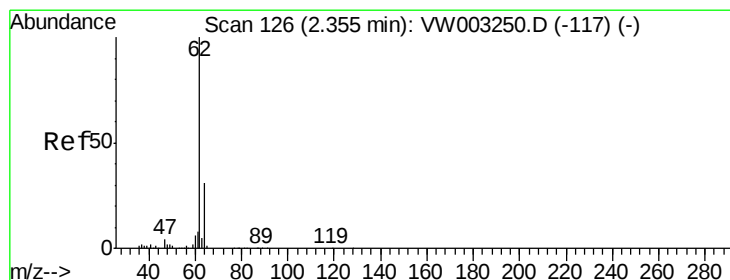
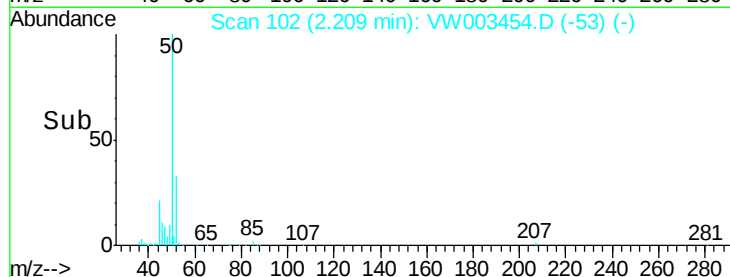
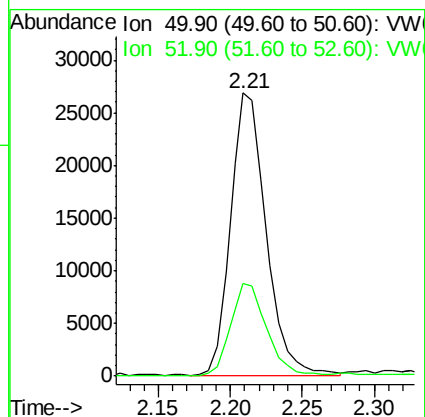
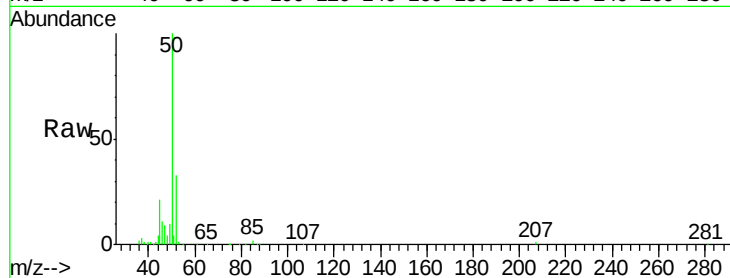
VW0623SBS01

Tgt Ion: 50 Resp: 46525

Ion Ratio Lower Upper

50 100

52 32.6 24.2 36.2



#4

Vinyl Chloride

Concen: 20.731 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003454.D

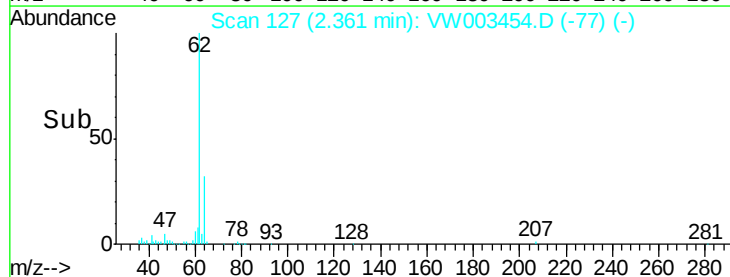
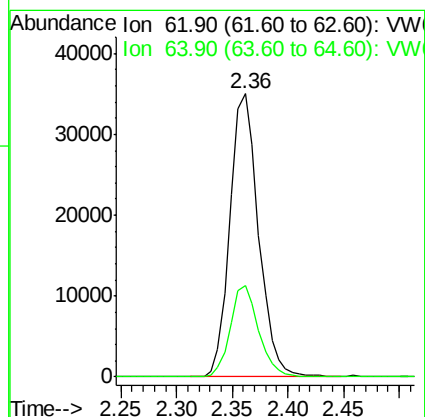
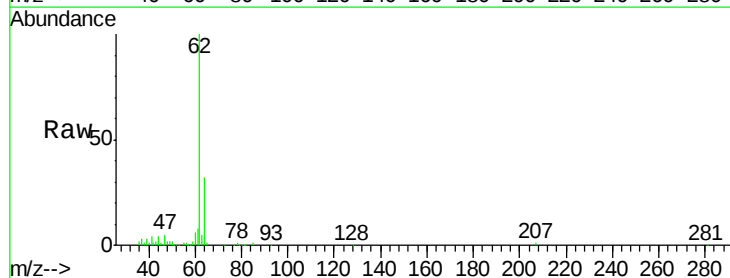
Acq: 23 Jun 2018 12:36

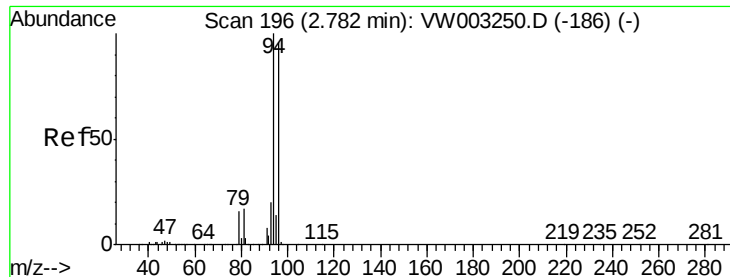
Tgt Ion: 62 Resp: 62506

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3





#5

Bromomethane

Concen: 19.085 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 :

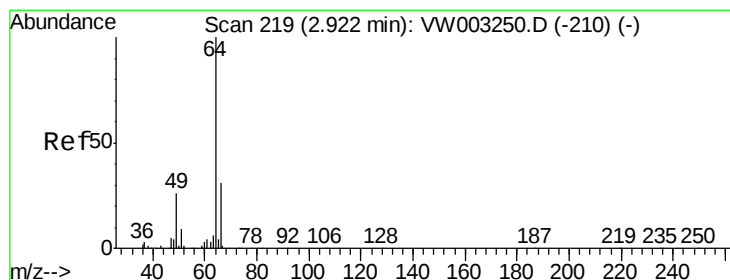
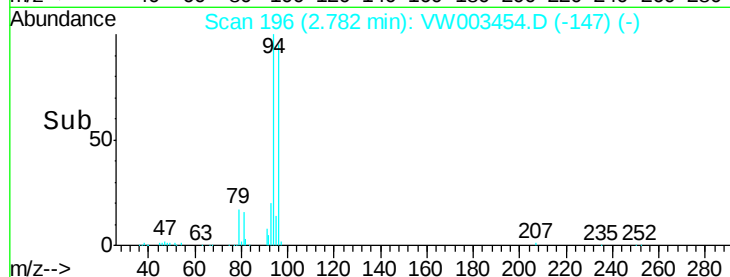
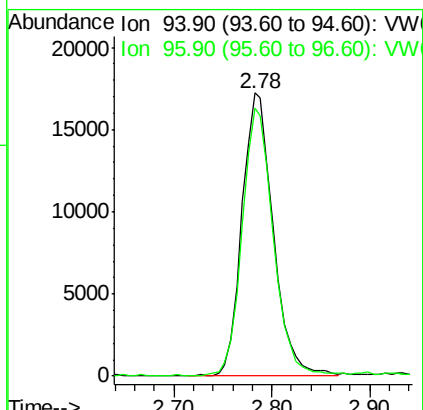
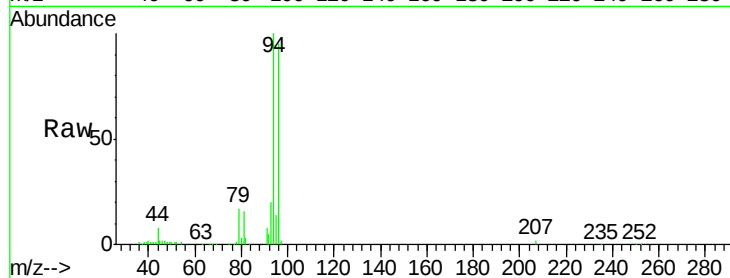
VW0623SBS01

Tgt Ion: 94 Resp: 38246

Ion Ratio Lower Upper

94 100

96 94.9 76.5 114.7



#6

Chloroethane

Concen: 19.966 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003454.D

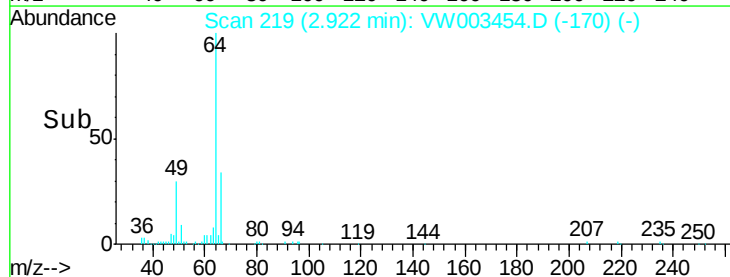
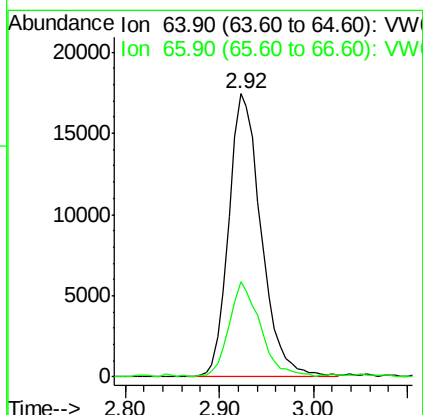
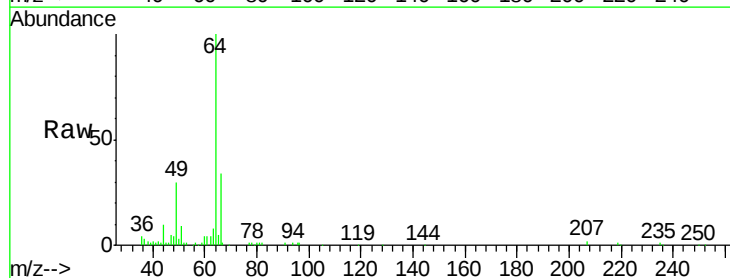
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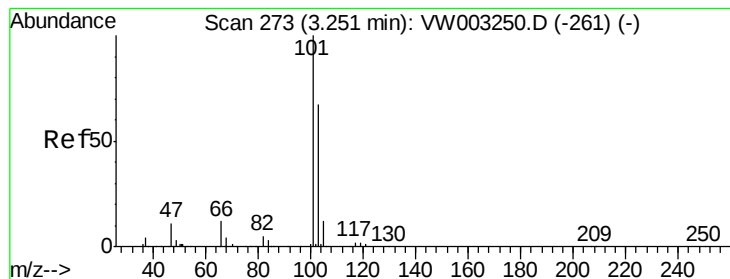
Tgt Ion: 64 Resp: 41903

Ion Ratio Lower Upper

64 100

66 33.1 24.4 36.6



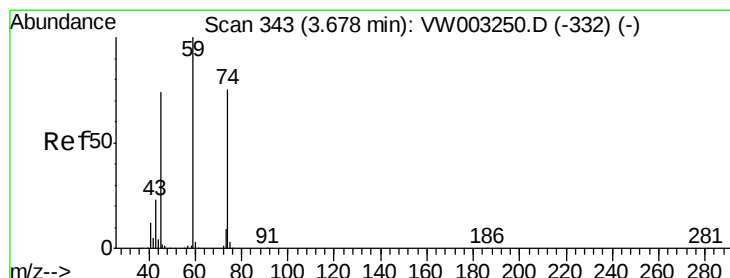
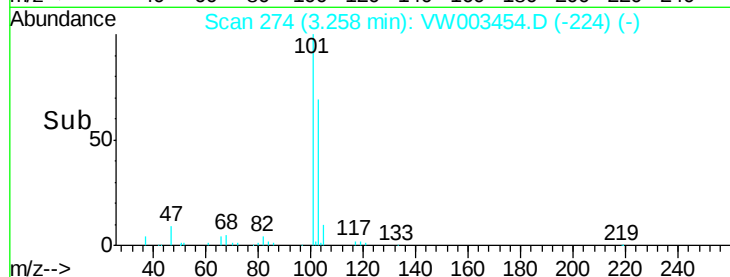
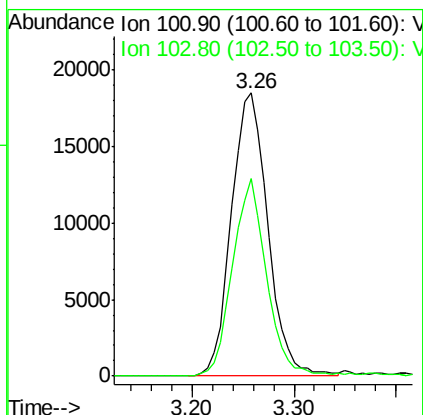
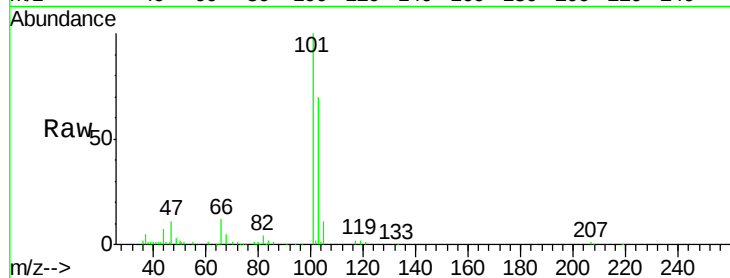


#7

Trichlorofluoromethane
Concen: 25.417 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003454.D
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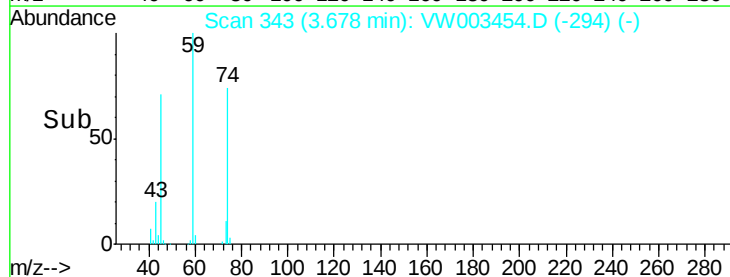
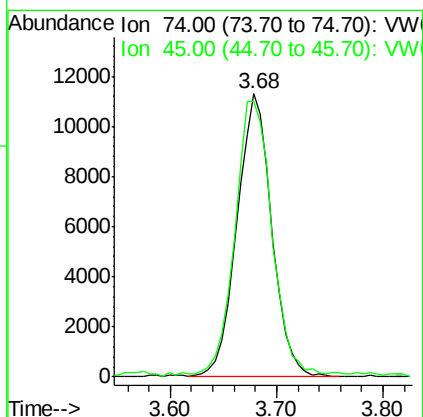
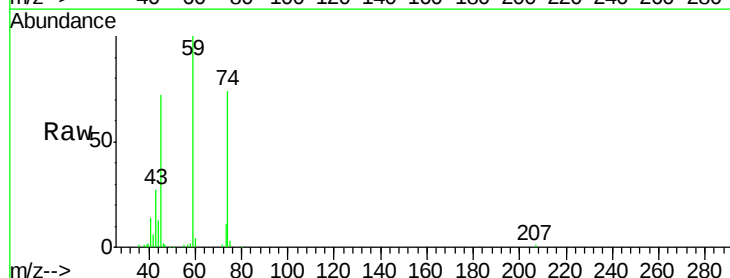
Tgt Ion:101 Resp: 45911
Ion Ratio Lower Upper
101 100
103 69.8 53.4 80.0

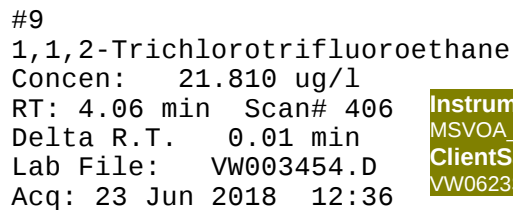


#8

Diethyl Ether
Concen: 19.509 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

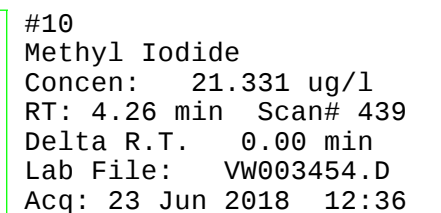
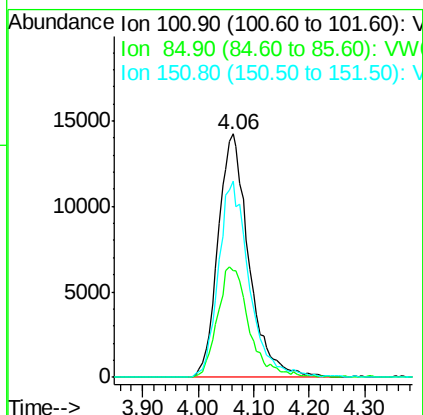
Tgt Ion: 74 Resp: 25887
Ion Ratio Lower Upper
74 100
45 105.4 51.4 154.2



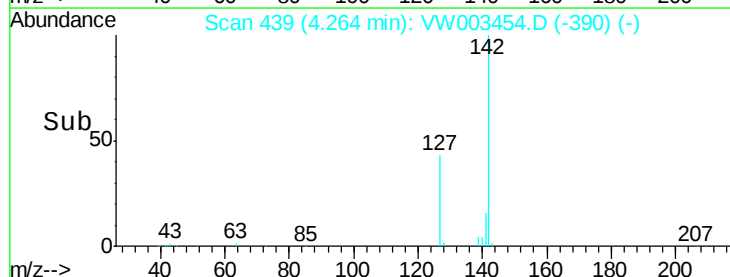
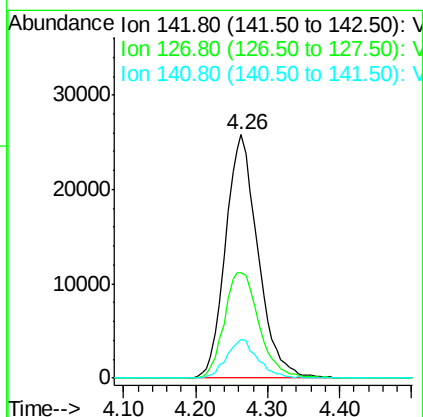


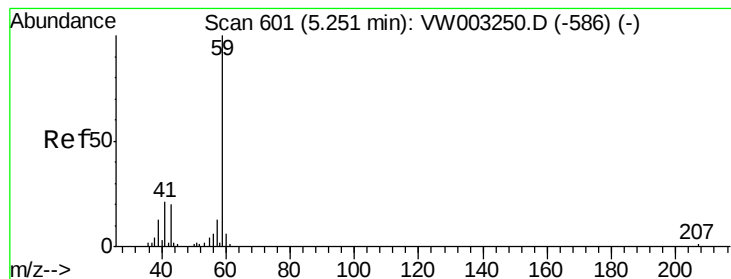
Instrument :
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Tgt	Ion:101	Resp:	54704
Ion	Ratio	Lower	Upper
101	100		
85	46.6	37.0	55.6
151	80.2	63.3	94.9



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



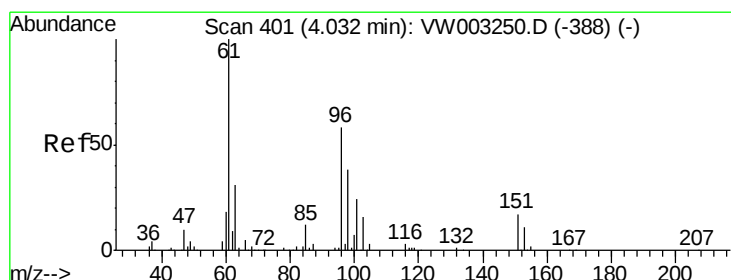
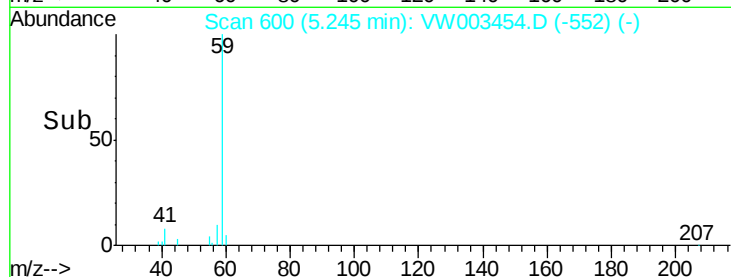
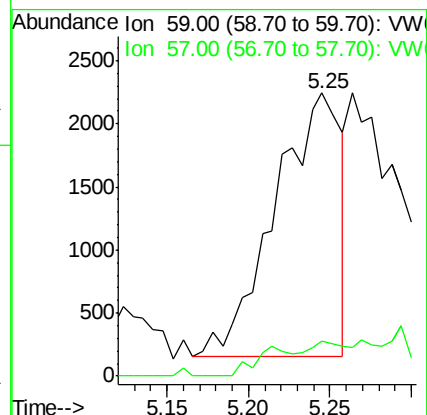
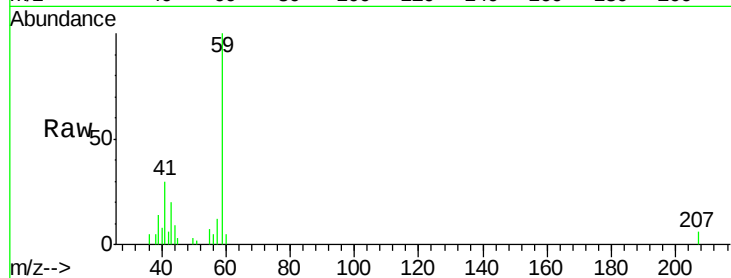


#11

Tert butyl alcohol
 Concen: 37.218 ug/l
 RT: 5.25 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

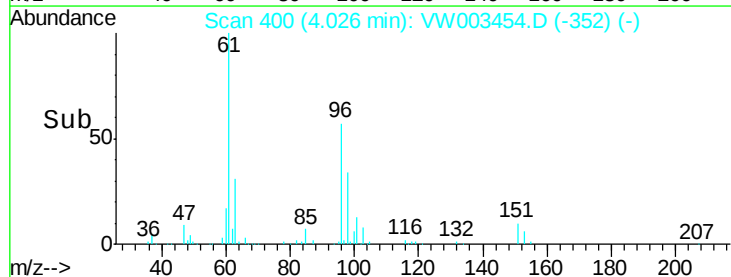
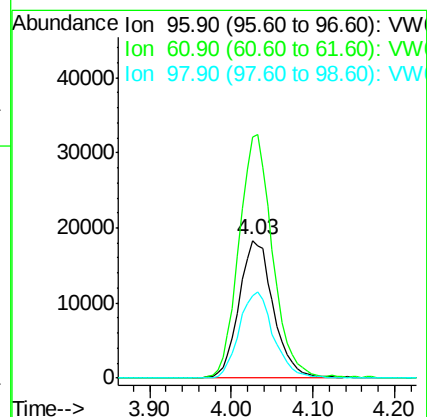
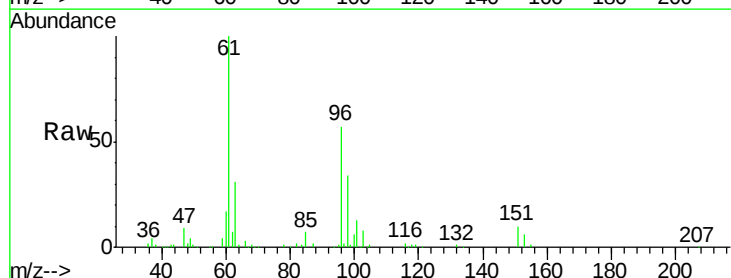
Tgt Ion: 59 Resp: 5854
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

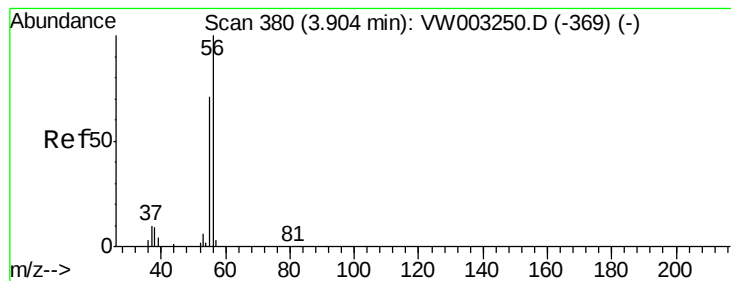


#12

1,1-Dichloroethene
 Concen: 21.782 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: 96 Resp: 53391
 Ion Ratio Lower Upper
 96 100
 61 174.9 139.0 208.4
 98 60.1 53.3 79.9





#13

Acrolein

Concen: 77.992 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 :

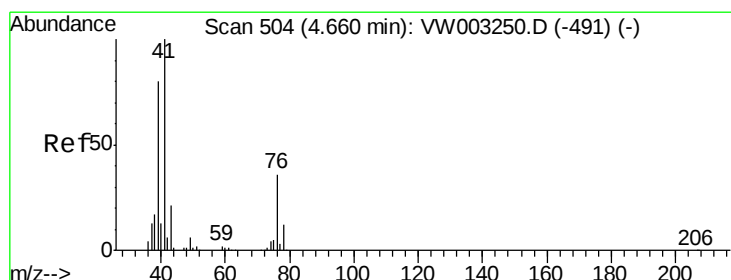
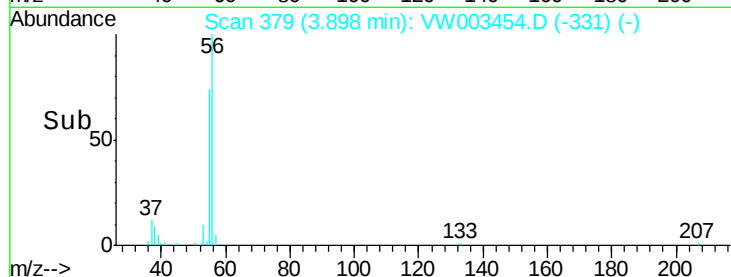
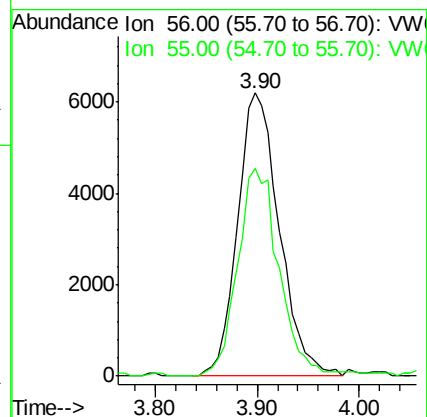
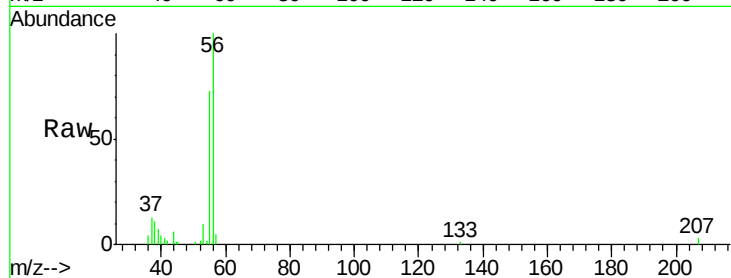
VW0623SBS01

Tgt Ion: 56 Resp: 17539

Ion Ratio Lower Upper

56 100

55 72.7 55.4 83.2



#14

Allyl chloride

Concen: 20.810 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

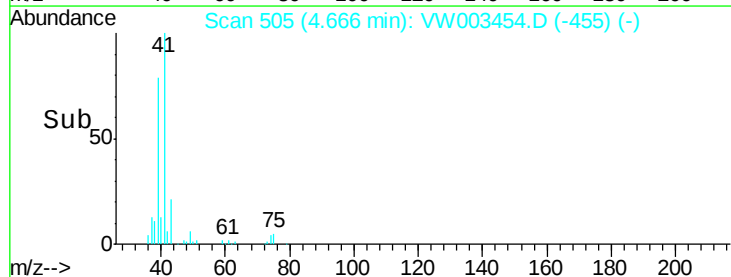
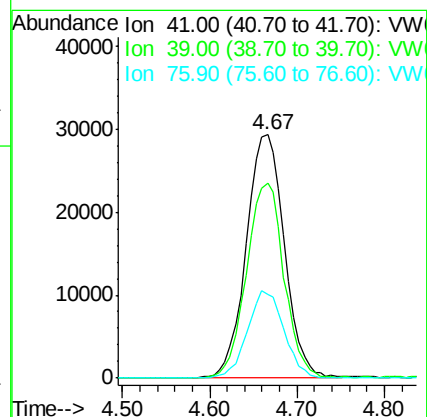
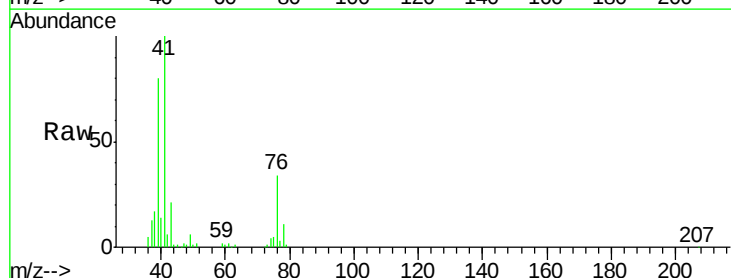
Tgt Ion: 41 Resp: 88356

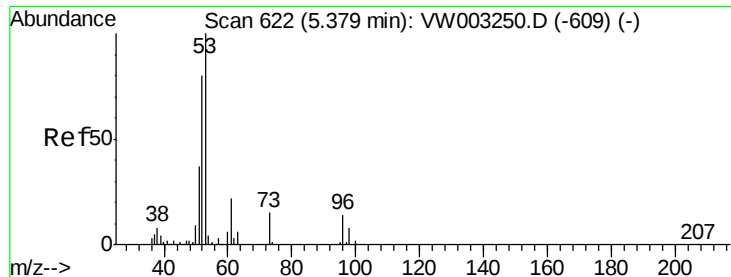
Ion Ratio Lower Upper

41 100

39 78.9 63.2 94.8

76 34.7 28.0 42.0





#15

Acrylonitrile

Concen: 97.554 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

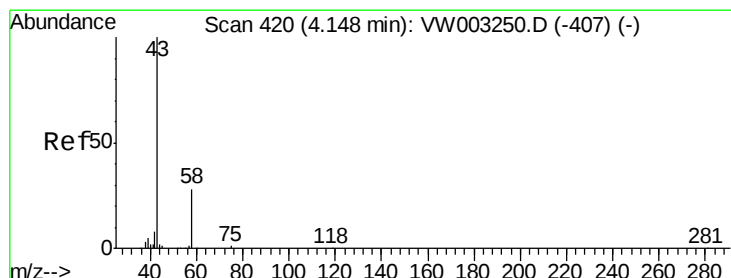
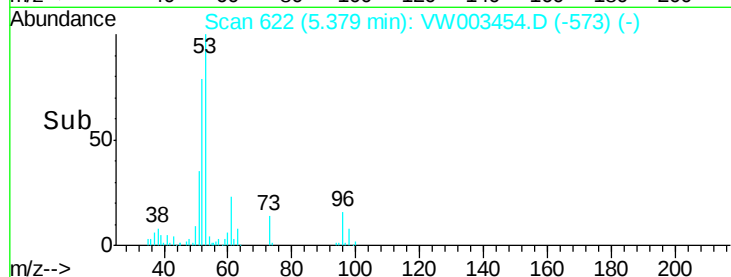
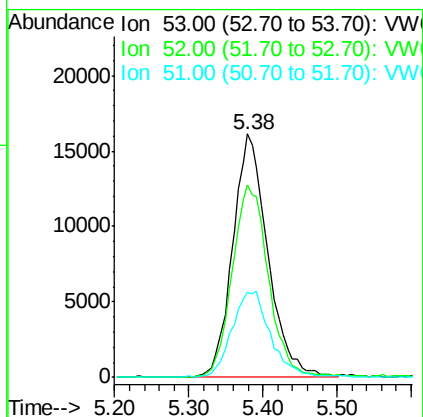
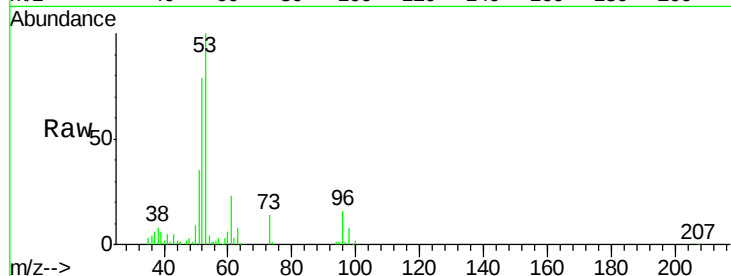
Tgt Ion: 53 Resp: 53258

Ion Ratio Lower Upper

53 100

52 81.8 66.6 100.0

51 38.3 30.6 46.0



#16

Acetone

Concen: 98.511 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003454.D

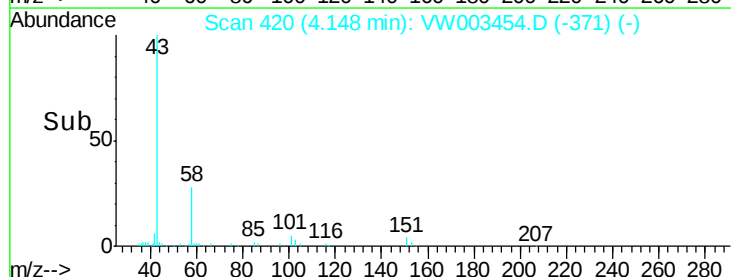
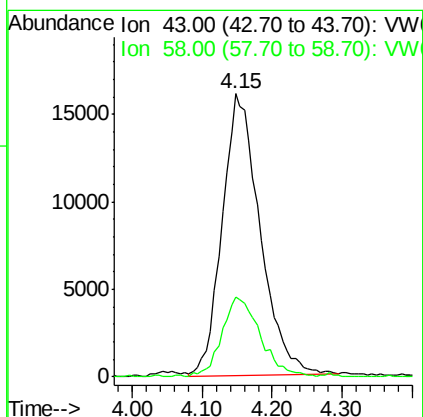
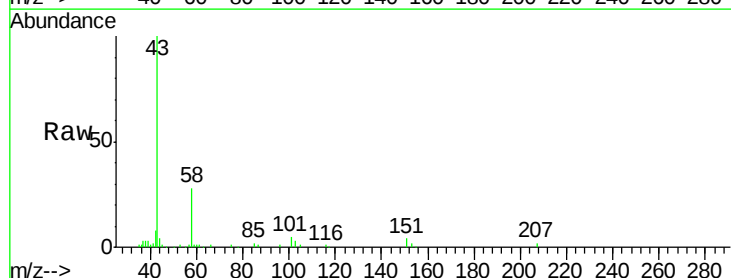
Acq: 23 Jun 2018 12:36

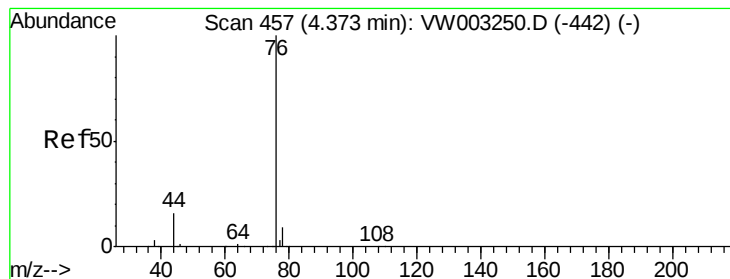
Tgt Ion: 43 Resp: 60594

Ion Ratio Lower Upper

43 100

58 28.4 22.6 34.0





#17

Carbon Disulfide

Concen: 21.777 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 :

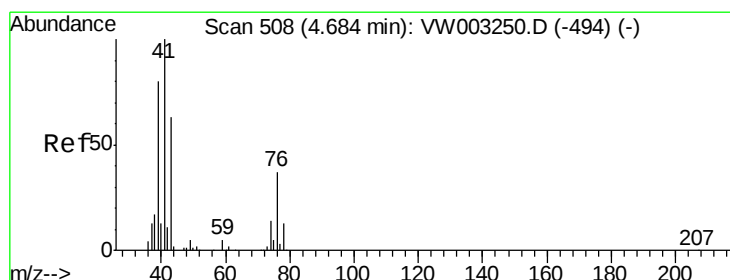
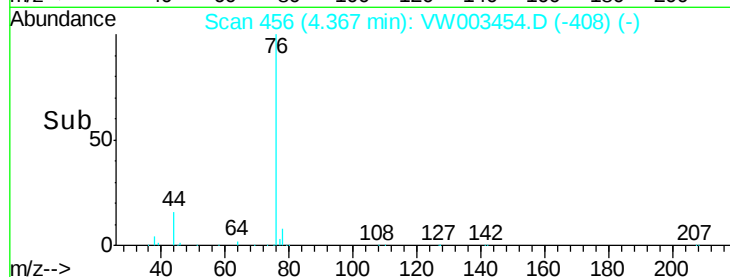
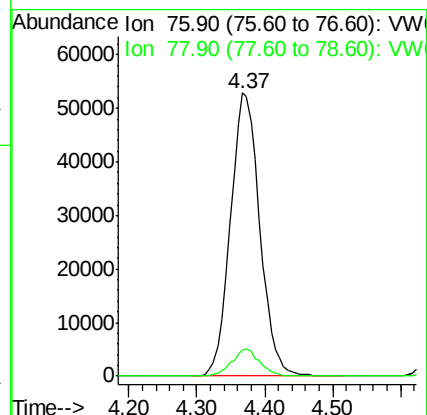
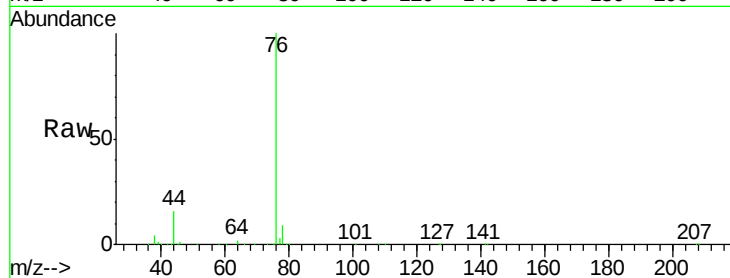
VW0623SBS01

Tgt Ion: 76 Resp: 157808

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#18

Methyl Acetate

Concen: 18.473 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003454.D

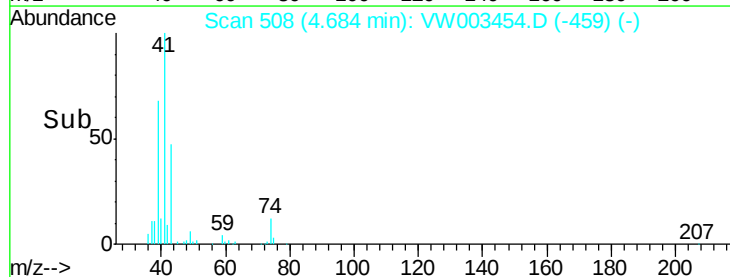
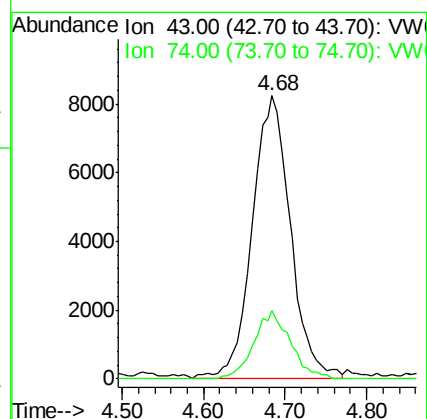
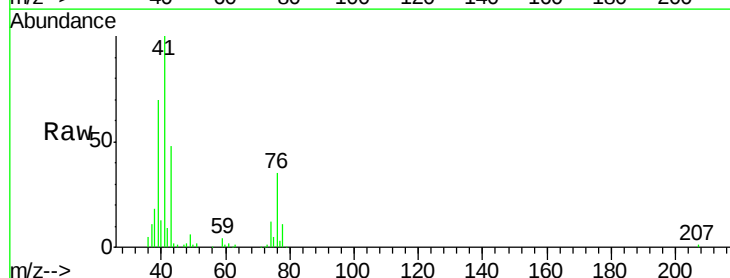
Acq: 23 Jun 2018 12:36

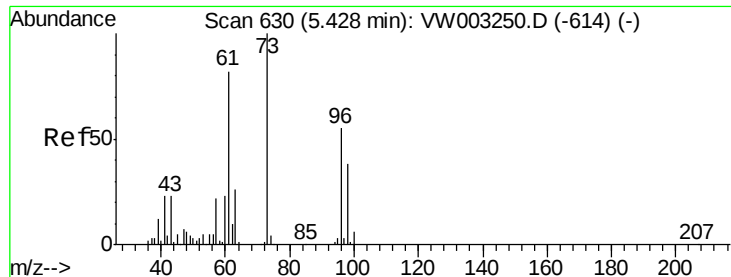
Tgt Ion: 43 Resp: 26956

Ion Ratio Lower Upper

43 100

74 22.8 18.7 28.1

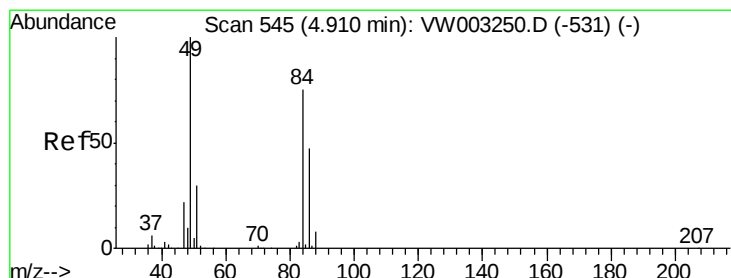
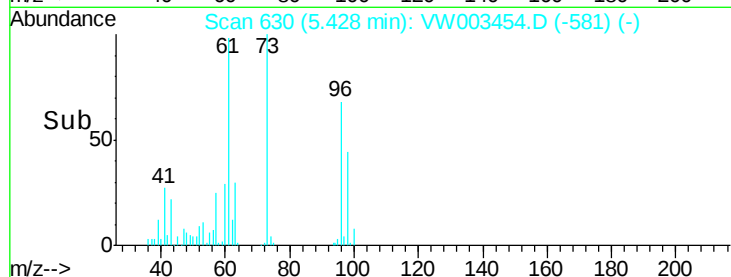
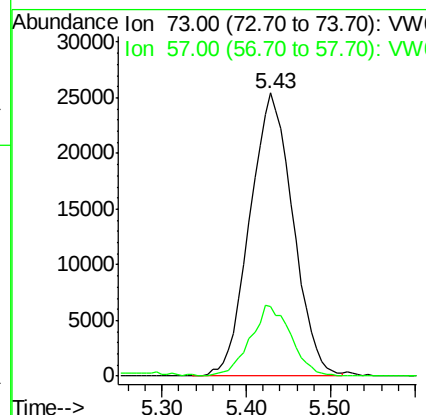
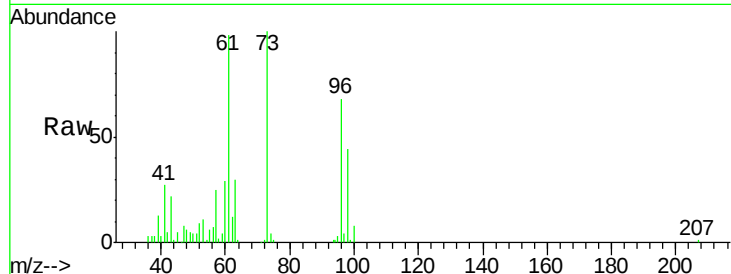




#19
Methyl tert-butyl Ether
Concen: 19.449 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

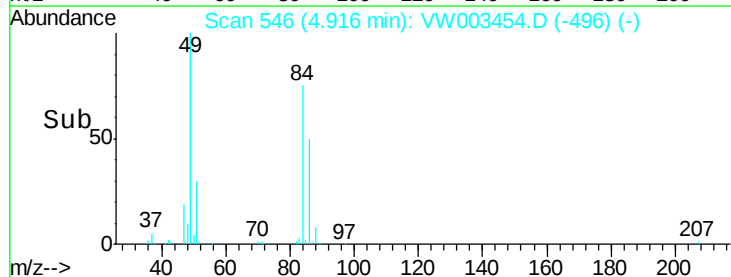
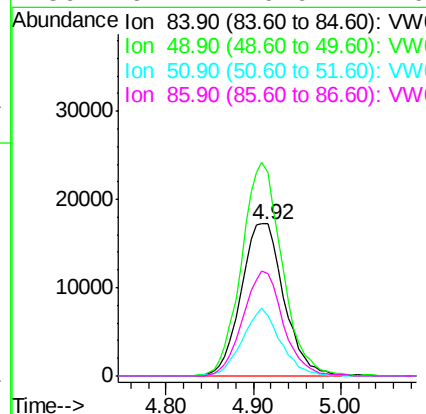
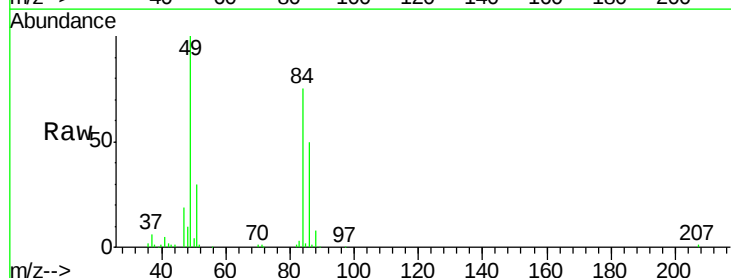
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

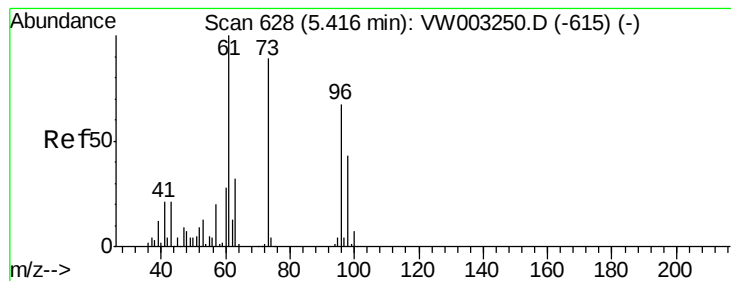
Tgt Ion: 73 Resp: 89285
Ion Ratio Lower Upper
73 100
57 24.4 18.0 27.0



#20
Methylene Chloride
Concen: 20.372 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: 21.420 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

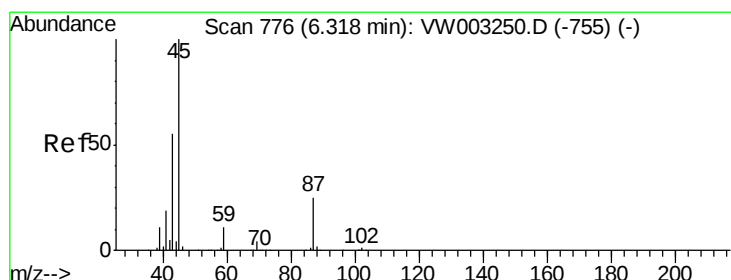
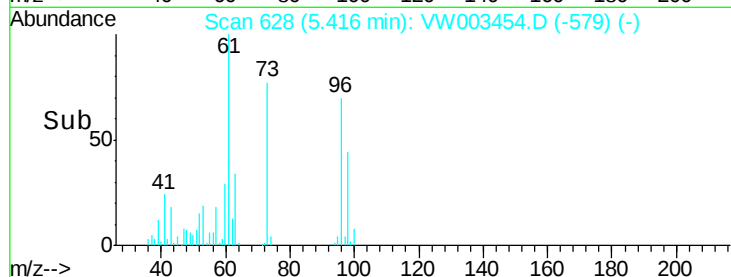
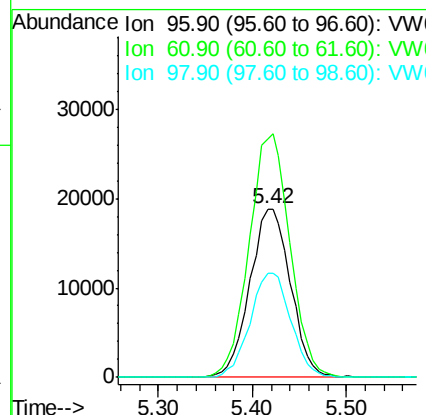
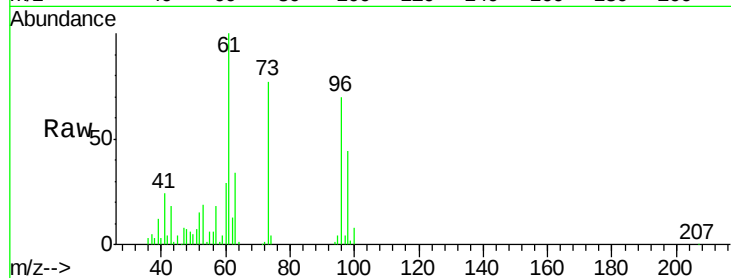
Tgt Ion: 96 Resp: 57139

Ion Ratio Lower Upper

96 100

61 142.1 118.7 178.1

98 62.2 51.0 76.6



#22

Diisopropyl ether

Concen: 20.917 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

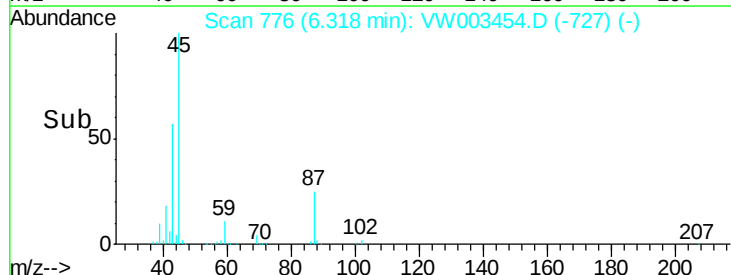
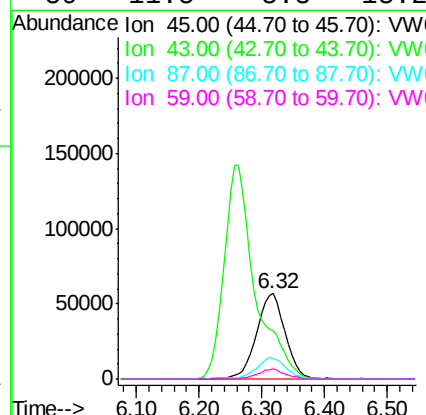
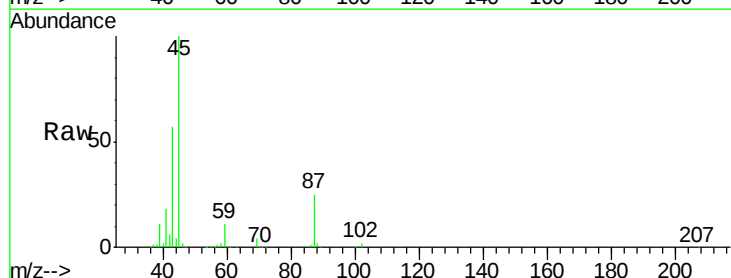
Ion Ratio Lower Upper

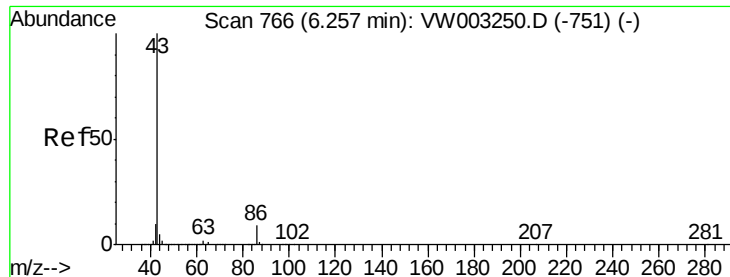
45 100

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: 98.747 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

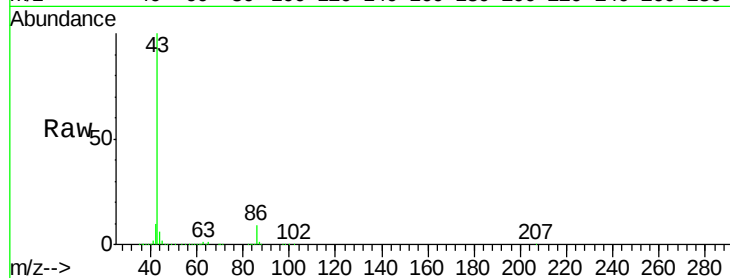
VW0623SBS01

Tgt Ion: 43 Resp: 486243

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

150000

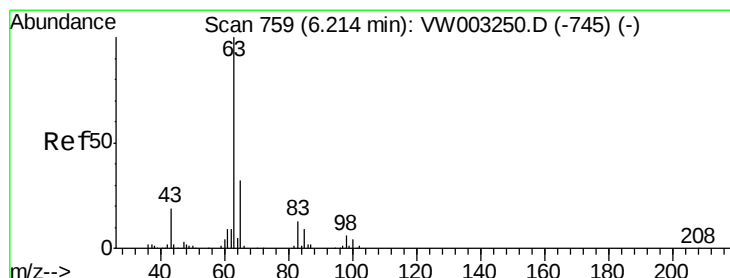
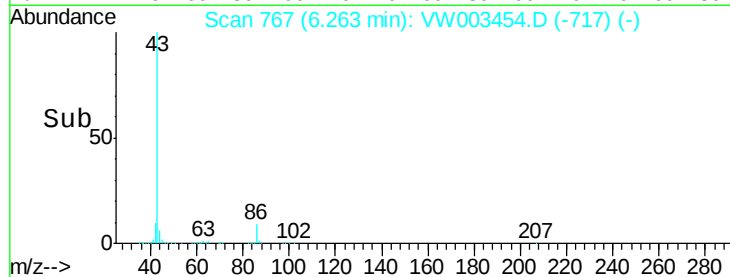
100000

50000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 21.622 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

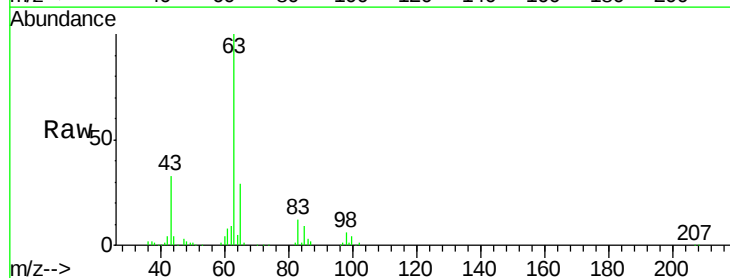
Tgt Ion: 63 Resp: 109685

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

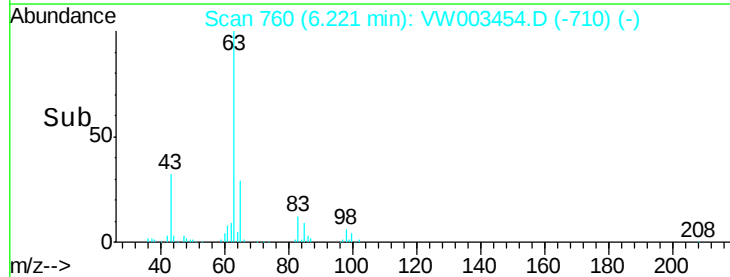
20000

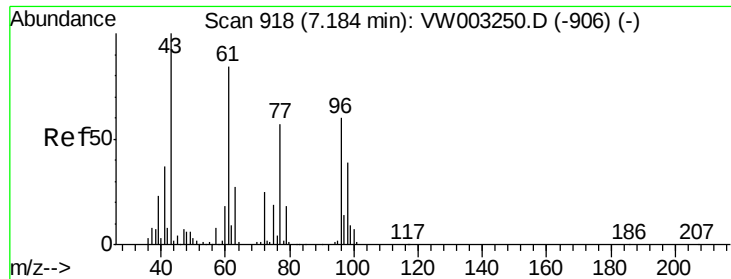
10000

0

6.10 6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 96.888 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 :

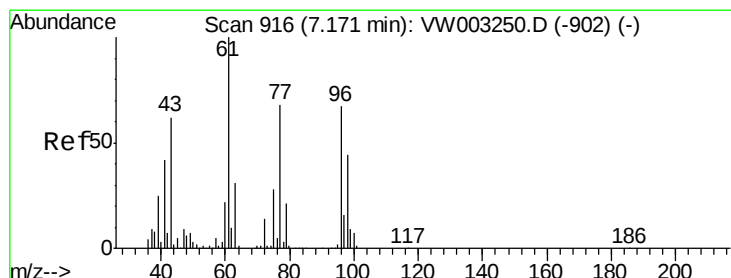
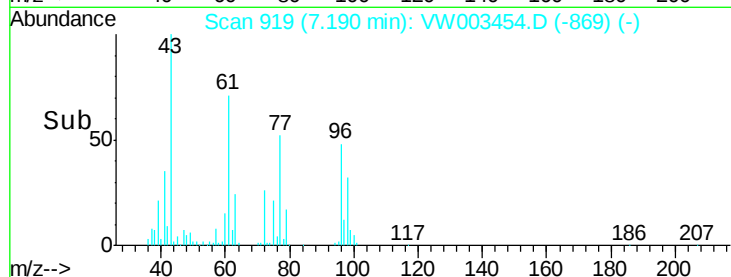
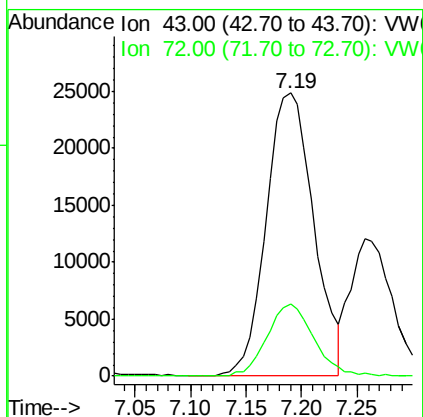
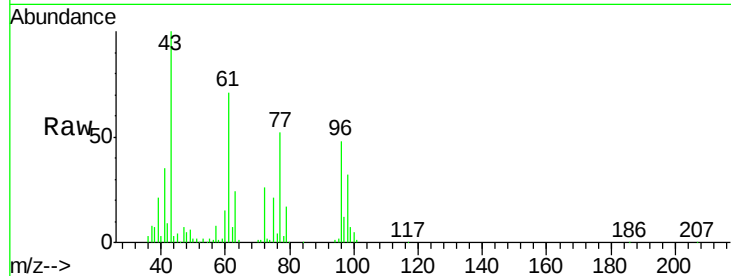
VW0623SBS01

Tgt Ion: 43 Resp: 74106

Ion Ratio Lower Upper

43 100

72 25.6 20.3 30.5



#26

2,2-Dichloropropane

Concen: 21.675 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003454.D

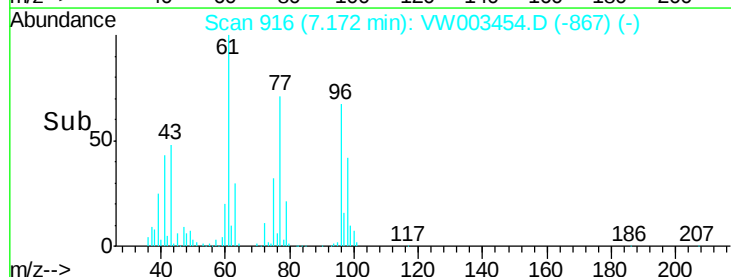
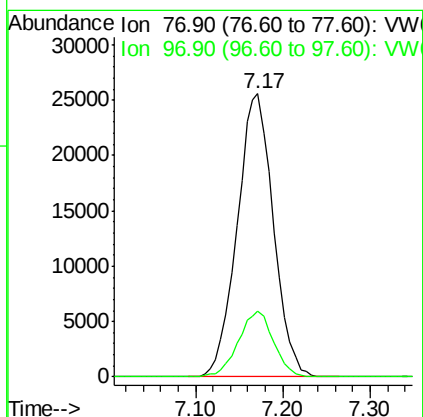
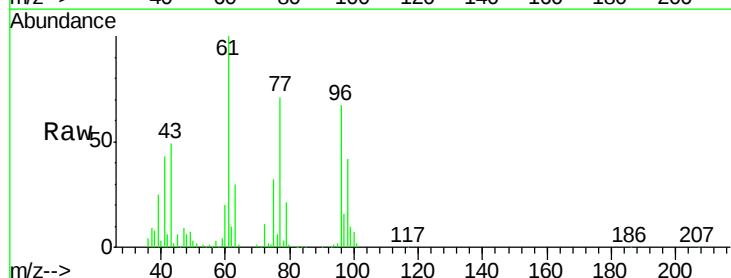
Acq: 23 Jun 2018 12:36

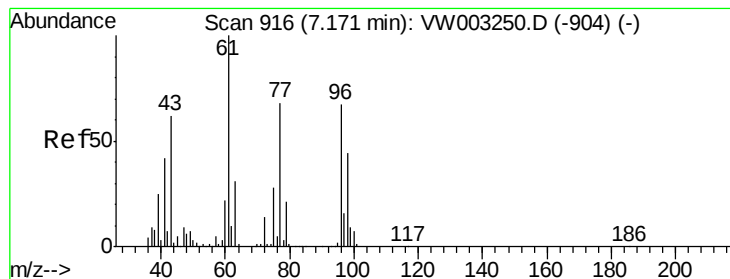
Tgt Ion: 77 Resp: 73380

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.9



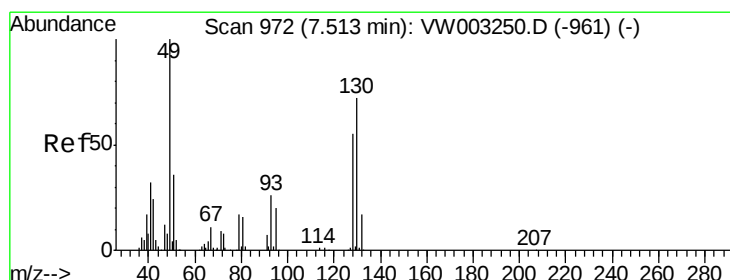
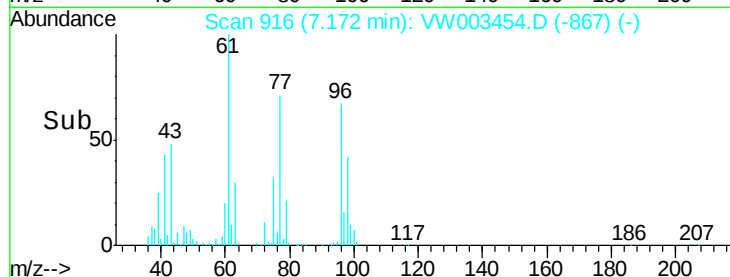
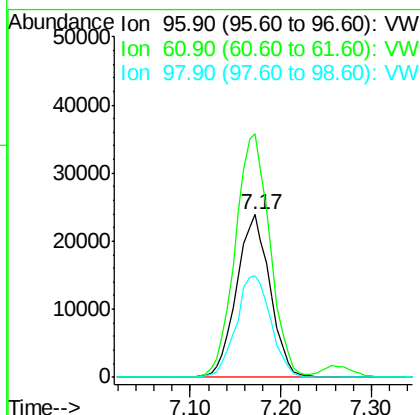
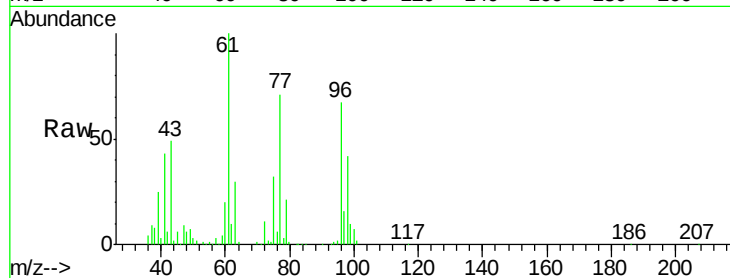


#27

cis-1,2-Dichloroethene
 Concen: 20.921 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

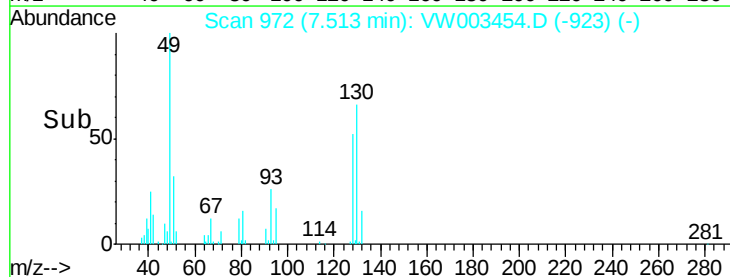
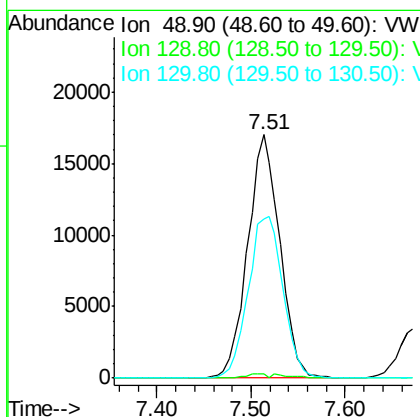
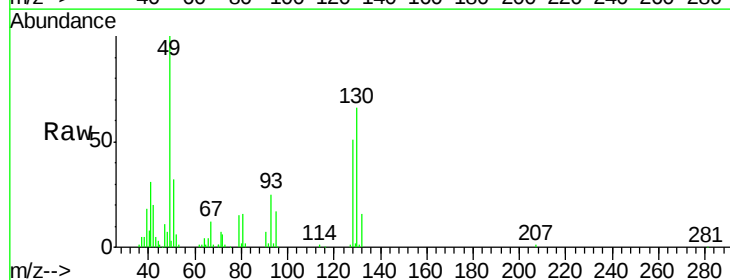
Tgt Ion: 96 Resp: 61308
 Ion Ratio Lower Upper
 96 100
 61 154.6 0.0 298.8
 98 64.3 0.0 130.4

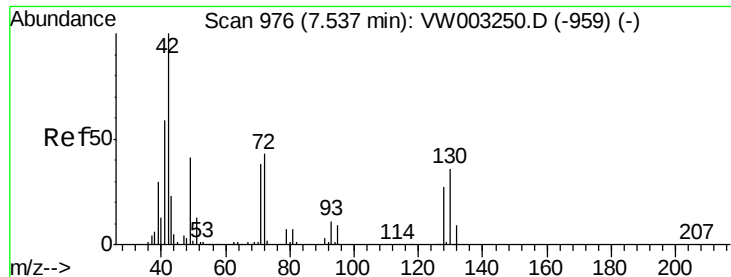


#28

Bromochloromethane
 Concen: 19.349 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: 49 Resp: 40845
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 71.7 59.4 89.2

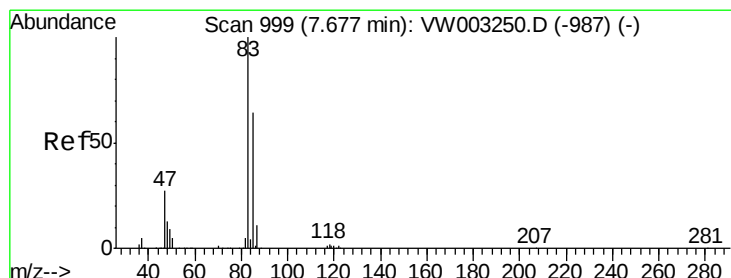
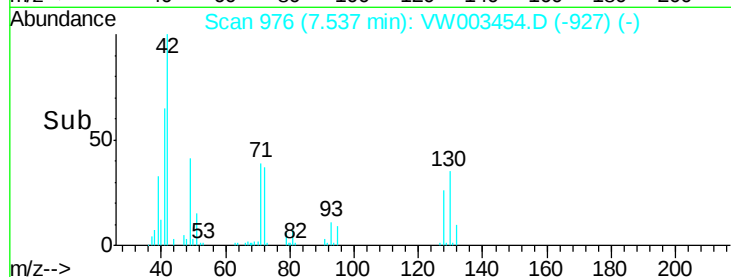
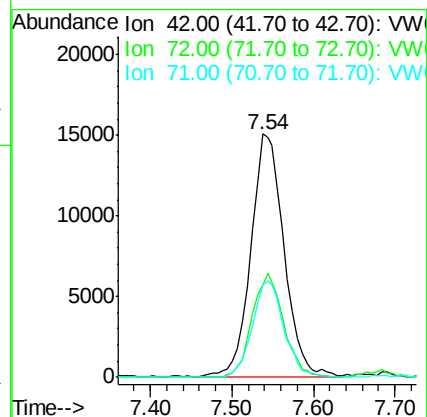
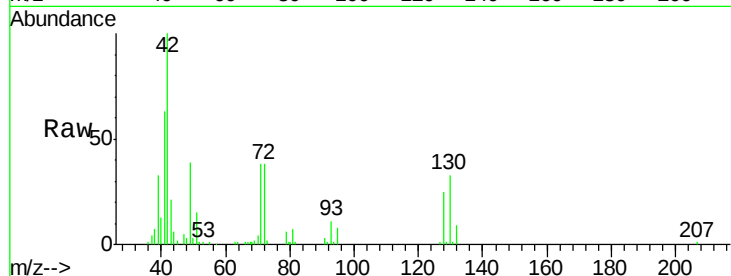




#29
Tetrahydrofuran
Concen: 90.500 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

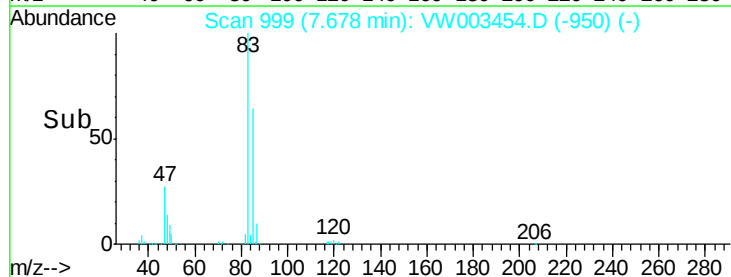
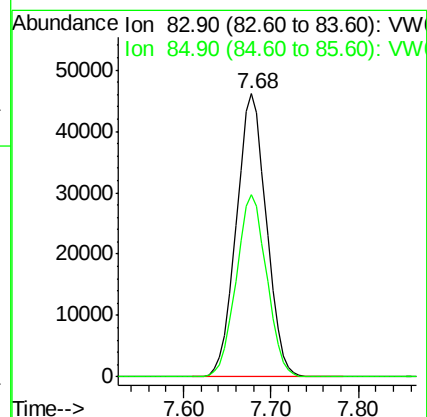
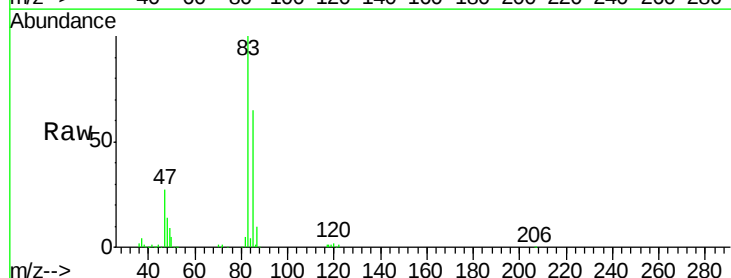
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

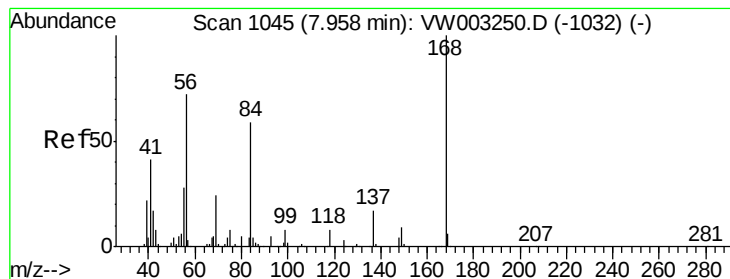
Tgt Ion: 42 Resp: 42305
Ion Ratio Lower Upper
42 100
72 41.2 32.4 48.6
71 38.6 31.2 46.8



#30
Chloroform
Concen: 21.289 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: 83 Resp: 110022
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9





#31

Cyclohexane

Concen: 21.303 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

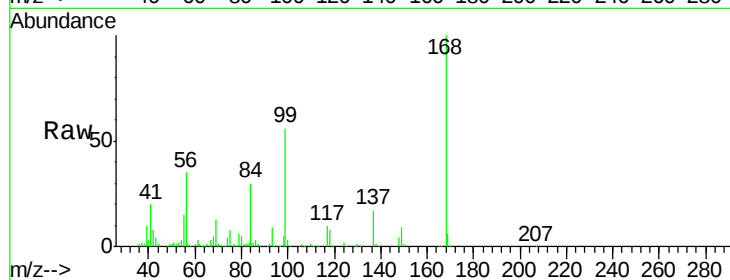
Tgt Ion: 56 Resp: 100957

Ion Ratio Lower Upper

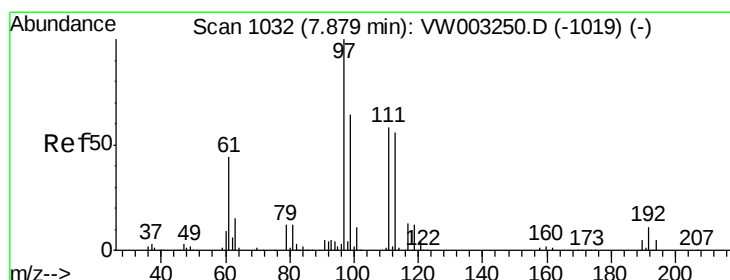
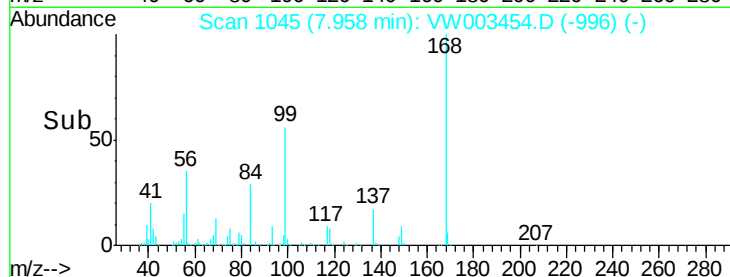
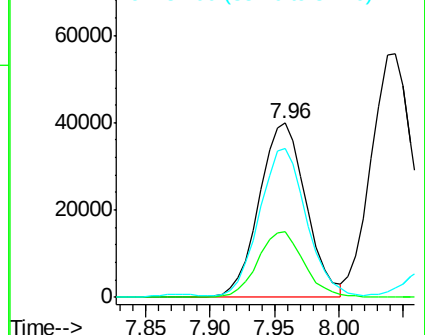
56 100

69 37.8 26.3 39.5

84 84.2 65.7 98.5



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.887 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

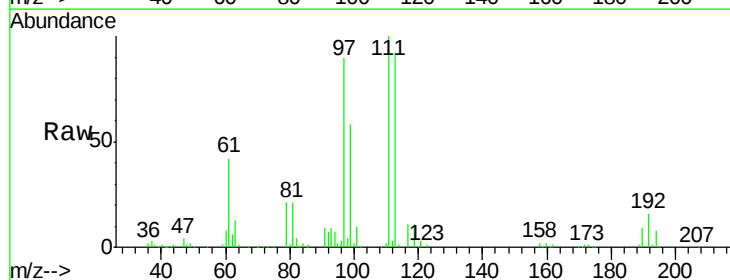
Tgt Ion: 97 Resp: 93364

Ion Ratio Lower Upper

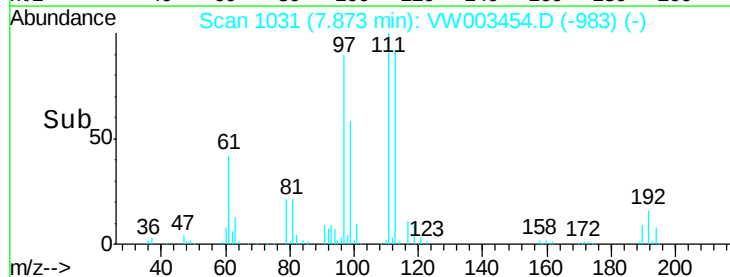
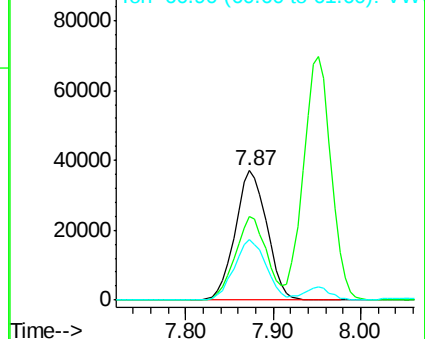
97 100

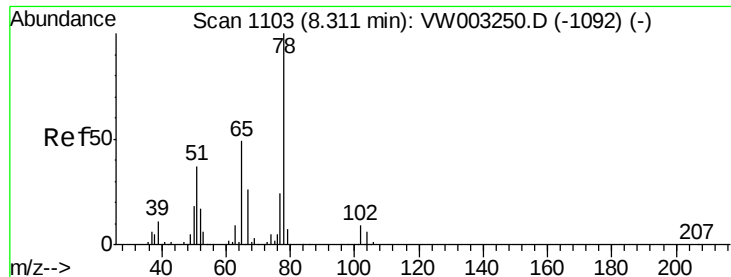
99 63.7 51.7 77.5

61 46.6 37.6 56.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 53.491 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 :

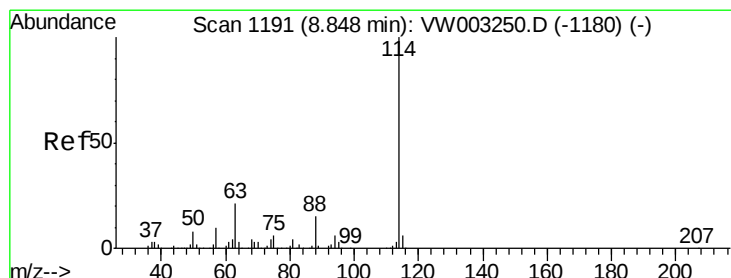
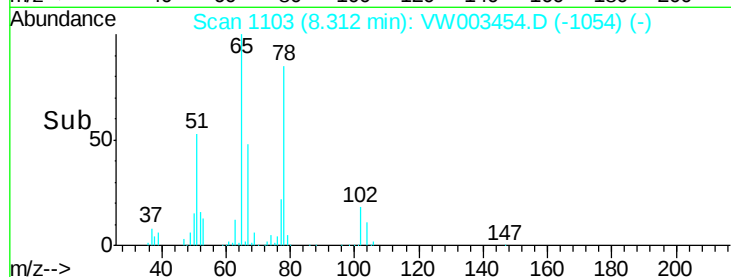
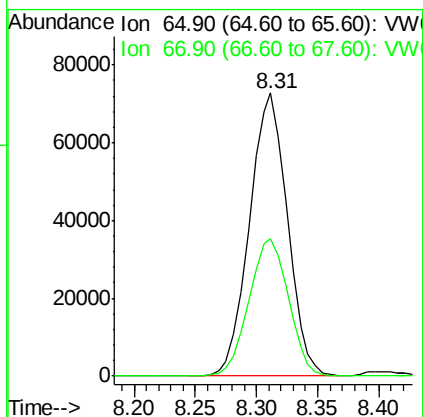
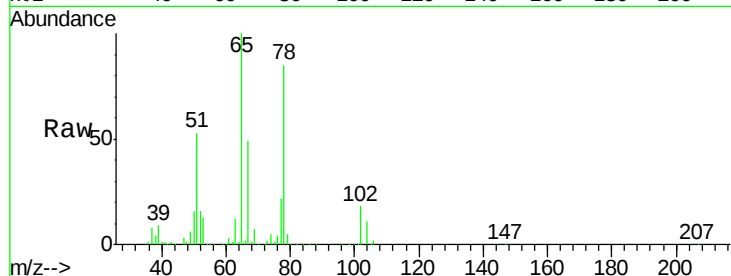
VW0623SBS01

Tgt Ion: 65 Resp: 156879

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

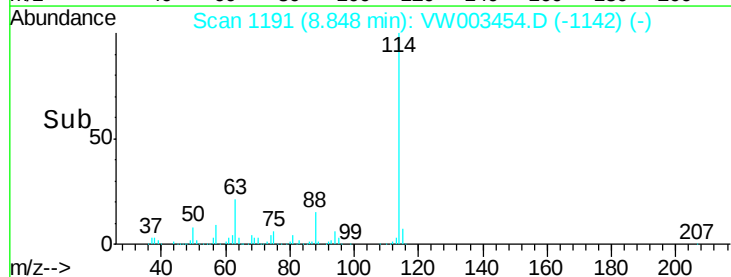
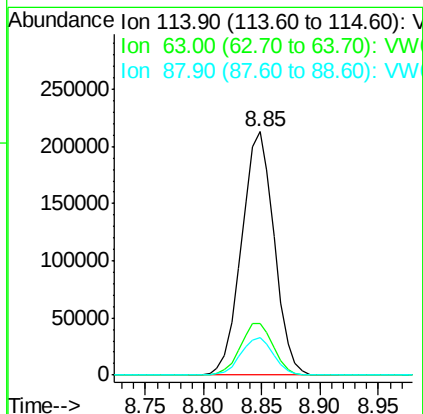
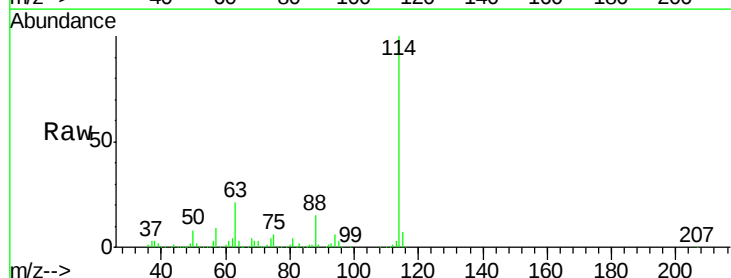
Tgt Ion: 114 Resp: 415547

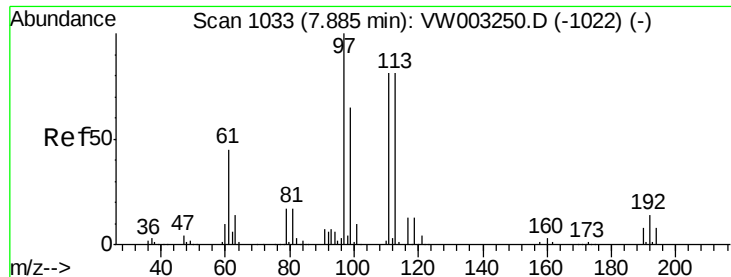
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

88 15.4 0.0 29.6

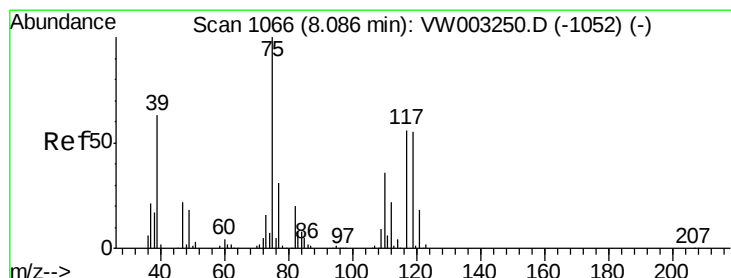
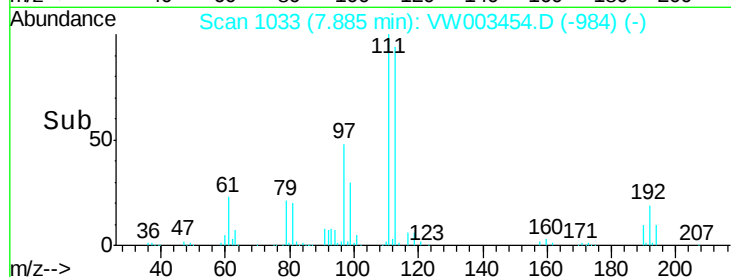
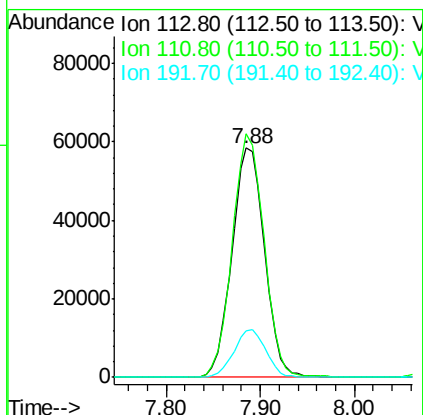
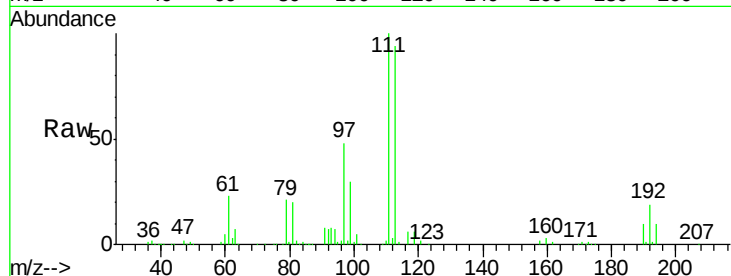




#35
 Dibromofluoromethane
 Concen: 54.393 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

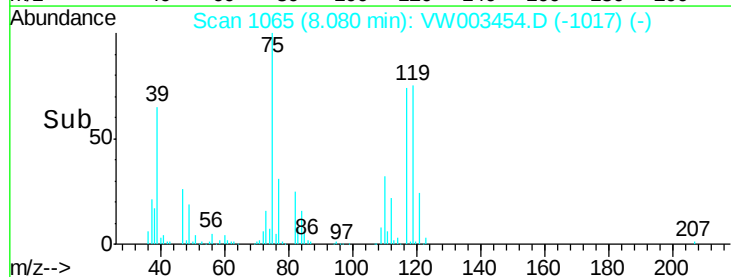
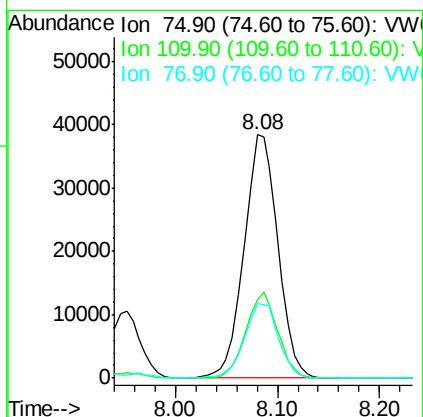
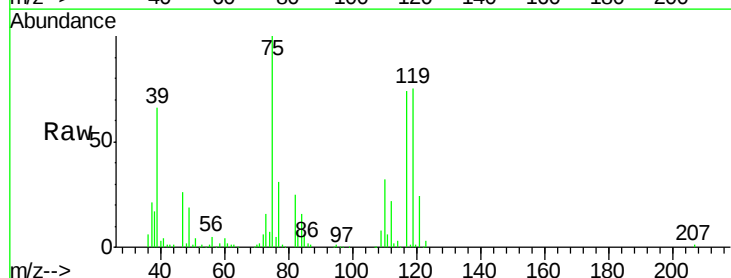
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

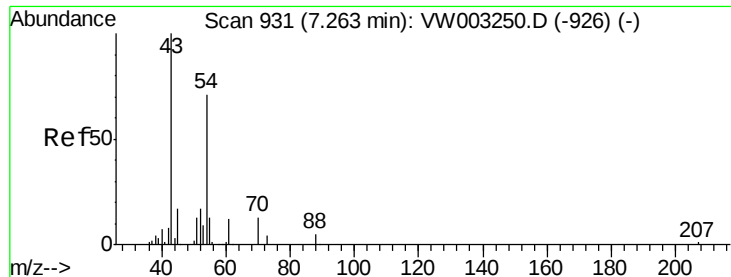
Tgt Ion: 113 Resp: 140448
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.2
 192 20.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 22.082 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: 75 Resp: 88616
 Ion Ratio Lower Upper
 75 100
 110 33.5 17.1 51.3
 77 31.0 24.9 37.3

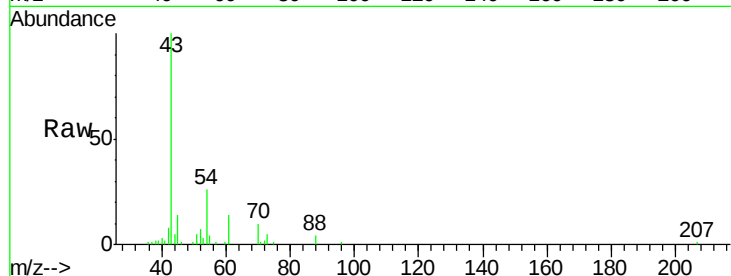




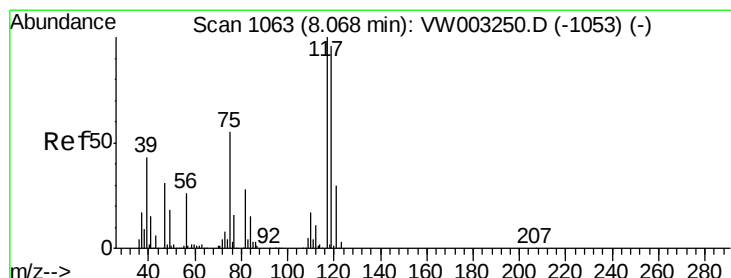
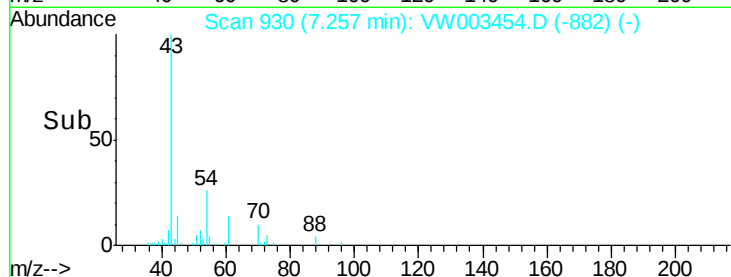
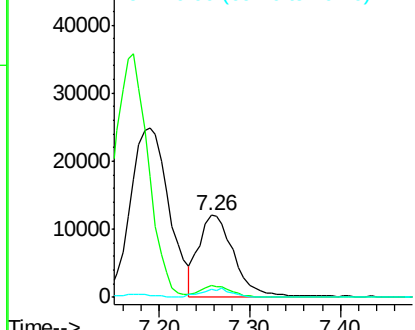
#37
 Ethyl Acetate
 Concen: 19.460 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tgt Ion: 43 Resp: 32353
 Ion Ratio Lower Upper
 43 100
 61 12.7 10.8 16.2
 70 9.1 7.8 11.6

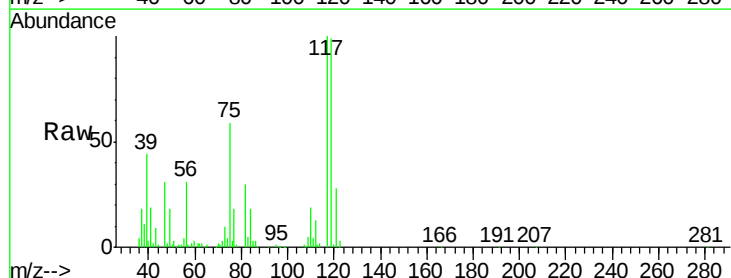


Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

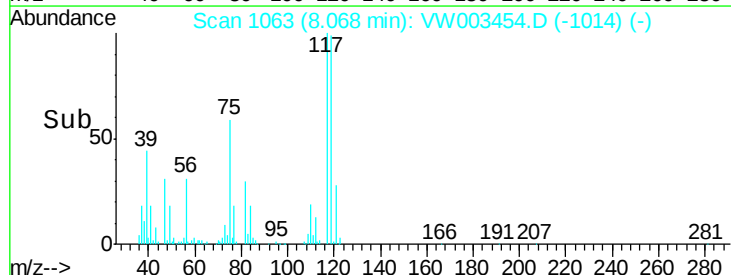
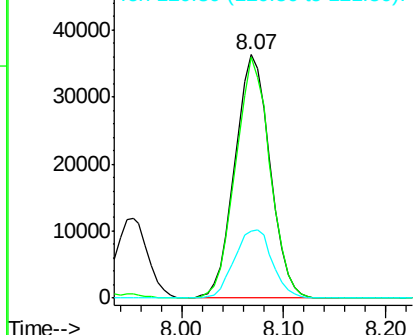


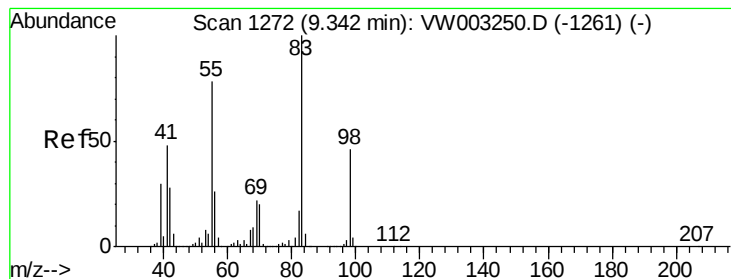
#38
 Carbon Tetrachloride
 Concen: 22.072 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Tgt Ion: 117 Resp: 86886
 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

Methylcyclohexane

Concen: 21.681 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

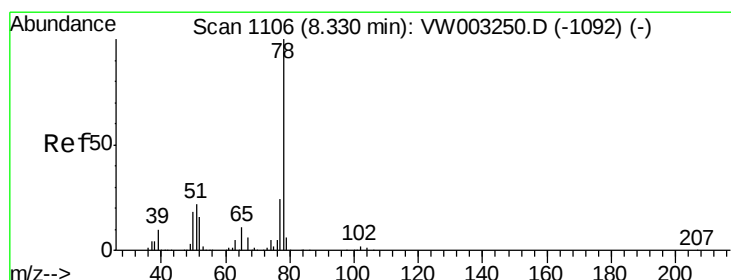
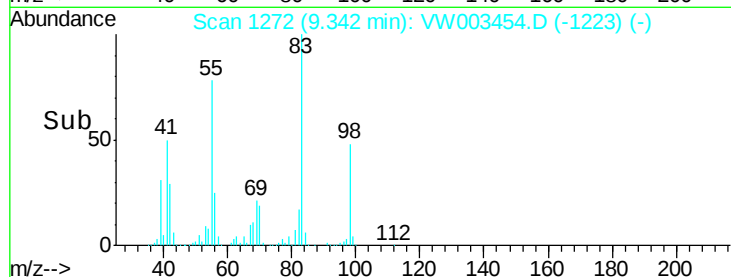
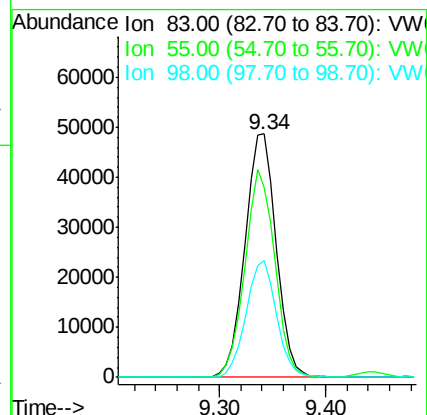
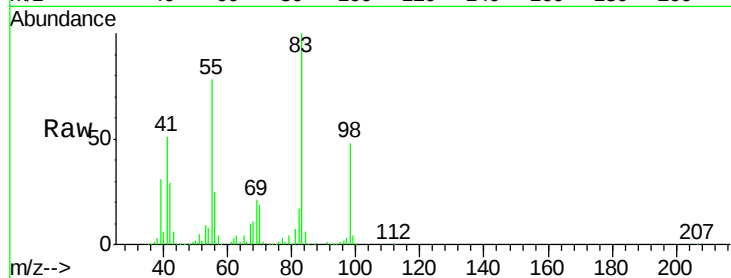
Tgt Ion: 83 Resp: 100675

Ion Ratio Lower Upper

83 100

55 77.7 62.6 93.8

98 48.0 37.0 55.4



#40

Benzene

Concen: 21.694 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003454.D

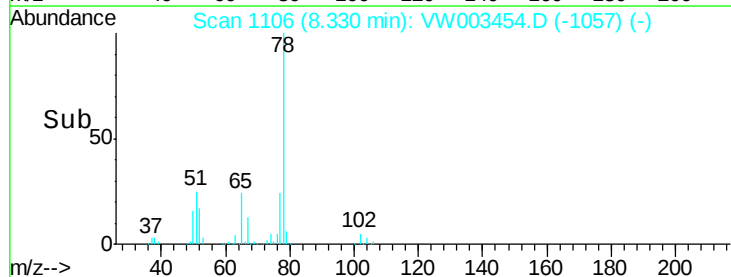
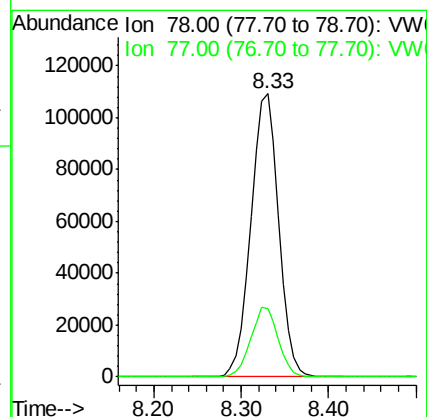
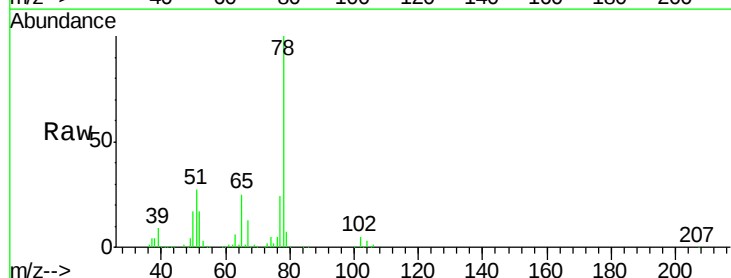
Acq: 23 Jun 2018 12:36

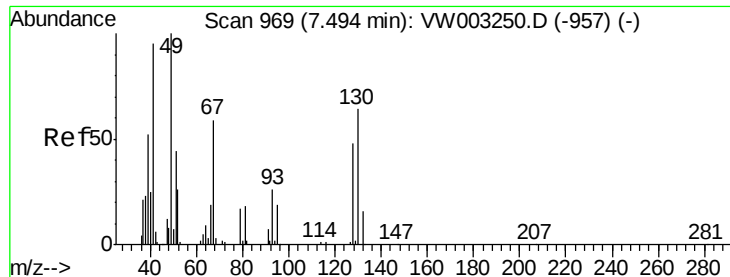
Tgt Ion: 78 Resp: 239975

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

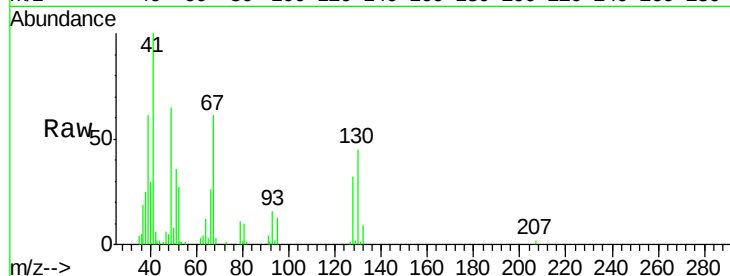




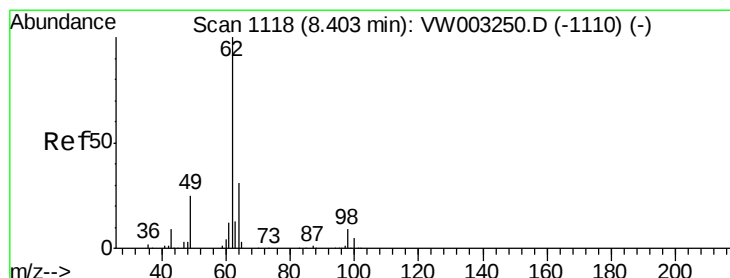
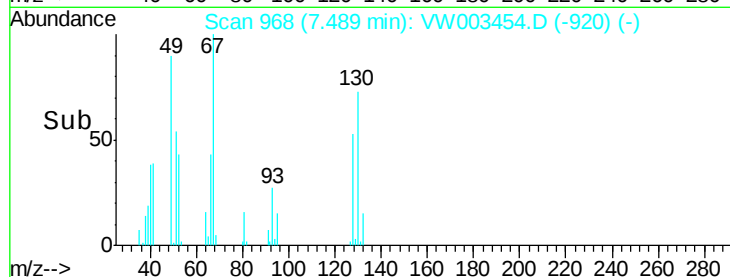
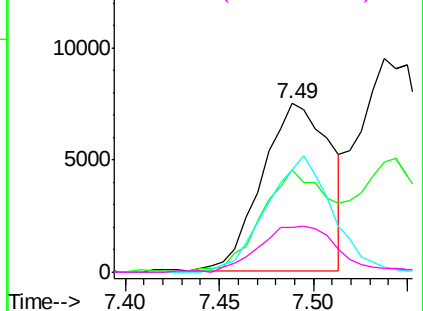
#41
Methacrylonitrile
Concen: 18.358 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tgt Ion:	41	Resp:	18729
Ion	Ratio	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

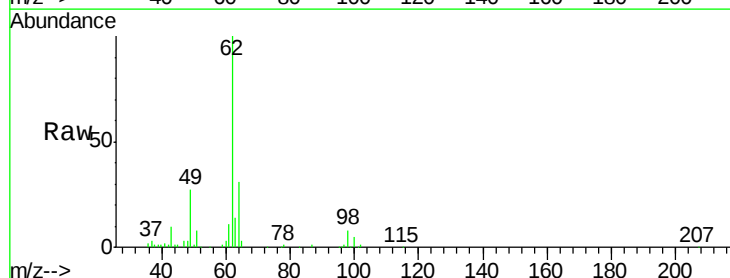


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

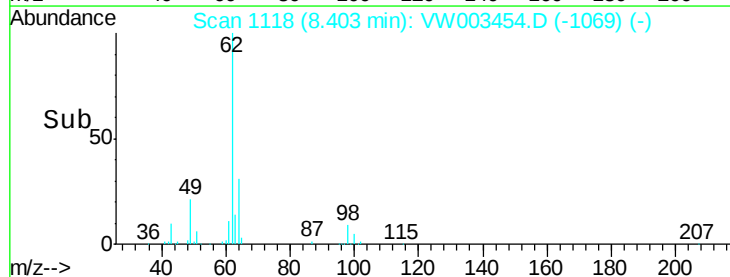
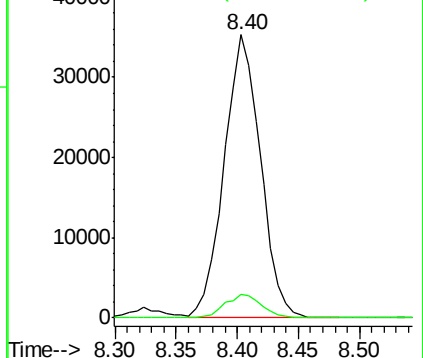


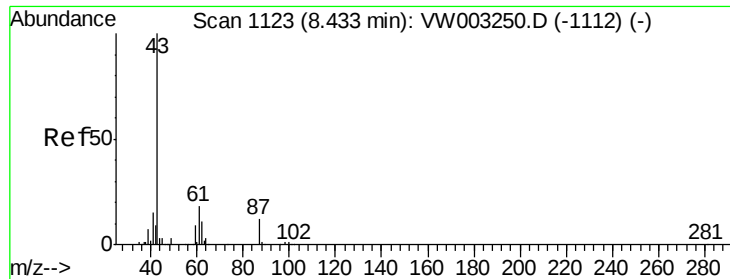
#42
1,2-Dichloroethane
Concen: 20.955 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

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



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





#43

Isopropyl Acetate

Concen: 18.572 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

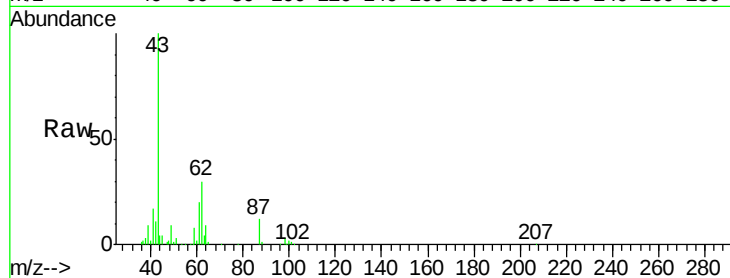
Tgt Ion: 43 Resp: 61309

Ion Ratio Lower Upper

43 100

61 31.0 23.1 34.7

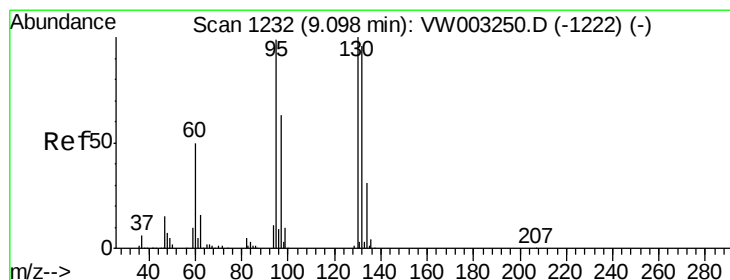
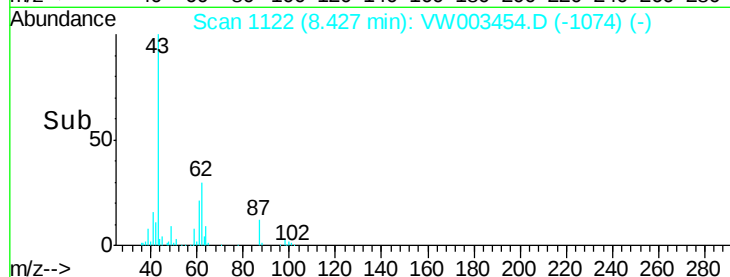
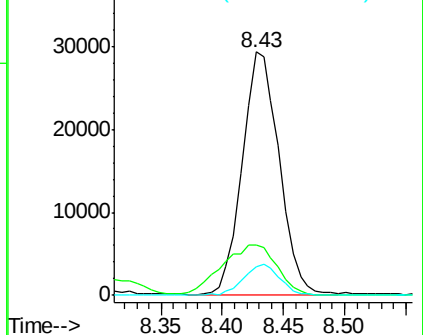
87 12.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.731 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003454.D

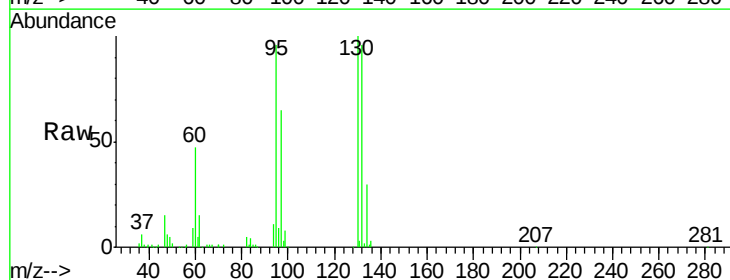
Acq: 23 Jun 2018 12:36

Tgt Ion: 130 Resp: 63697

Ion Ratio Lower Upper

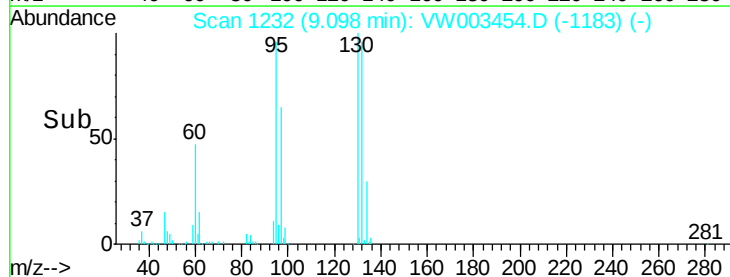
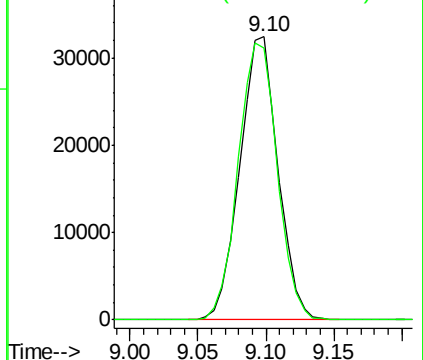
130 100

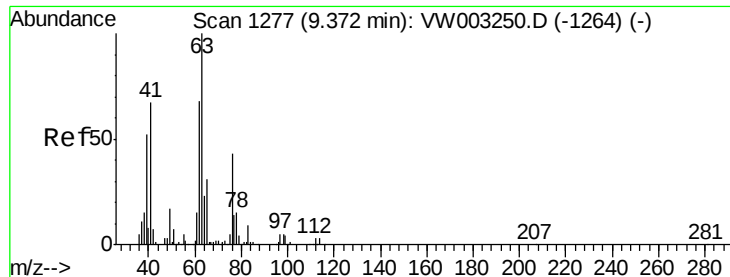
95 95.9 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 21.489 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 :

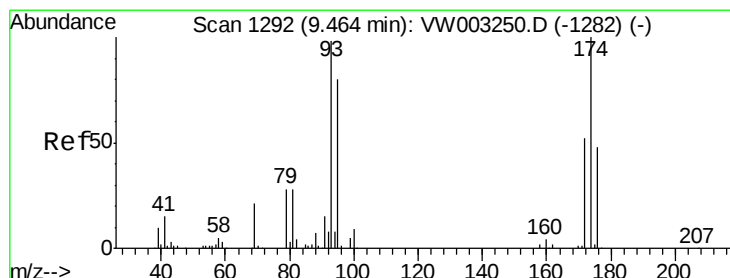
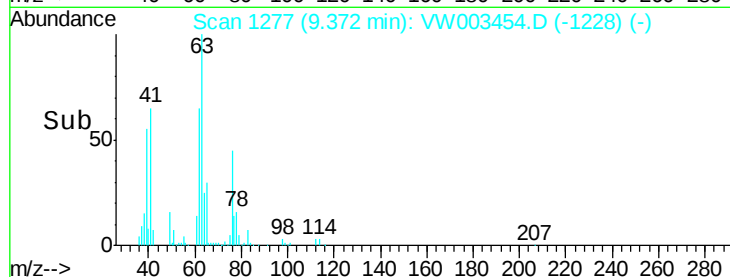
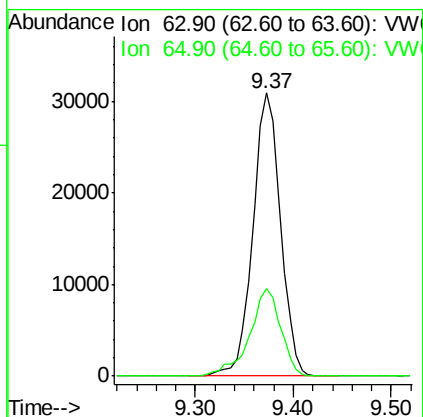
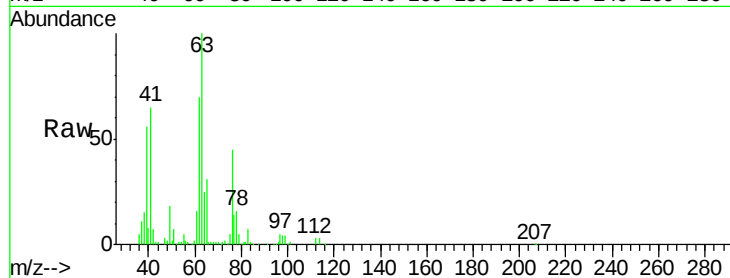
VW0623SBS01

Tgt Ion: 63 Resp: 60525

Ion Ratio Lower Upper

63 100

65 31.0 25.1 37.7



#46

Dibromomethane

Concen: 21.014 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

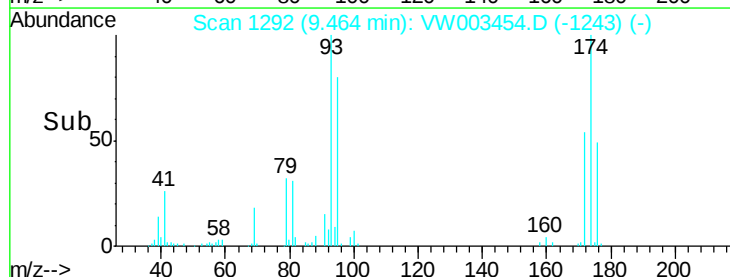
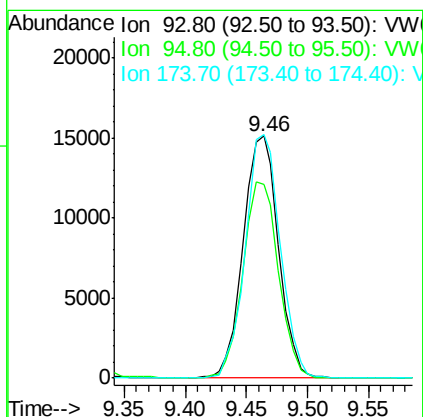
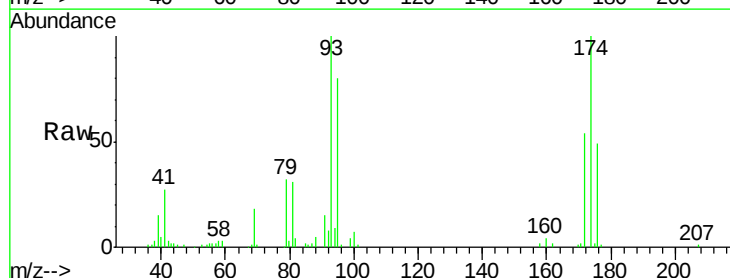
Tgt Ion: 93 Resp: 30302

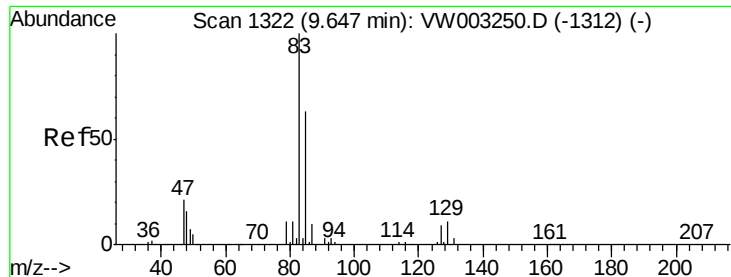
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.8

174 100.2 81.4 122.0





#47

Bromodichloromethane

Concen: 21.045 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

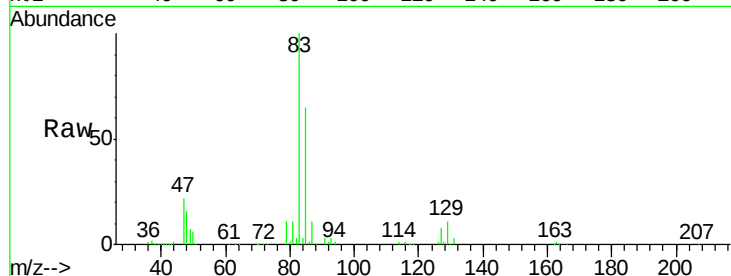
Tgt Ion: 83 Resp: 77788

Ion Ratio Lower Upper

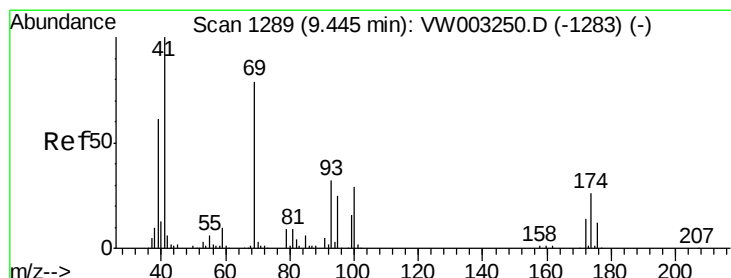
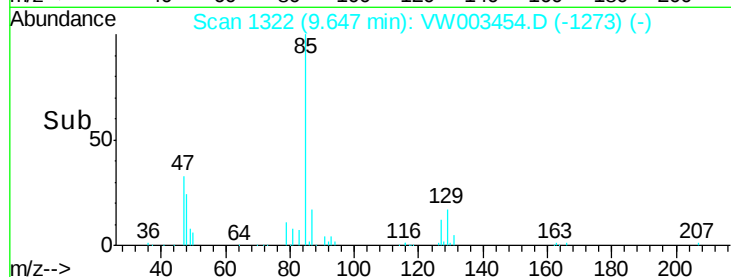
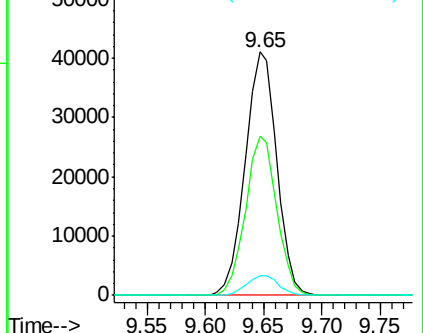
83 100

85 65.2 50.6 75.8

127 7.9 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.420 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

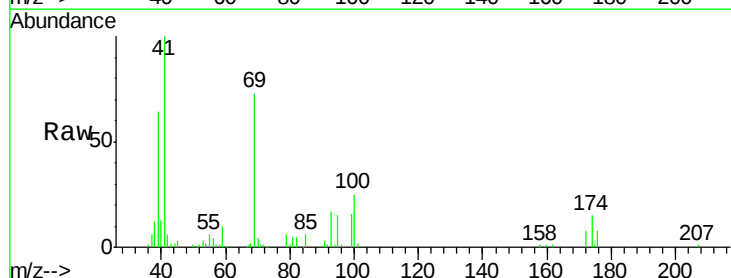
Tgt Ion: 41 Resp: 30128

Ion Ratio Lower Upper

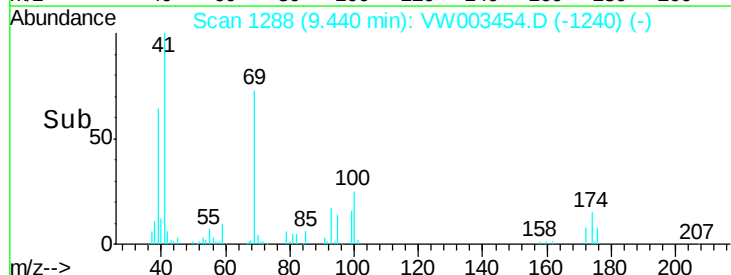
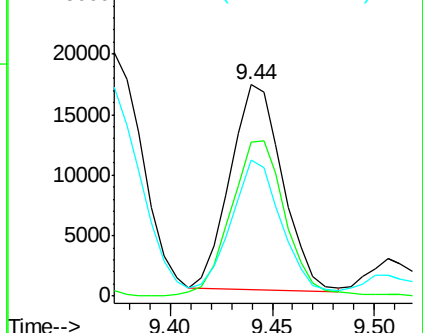
41 100

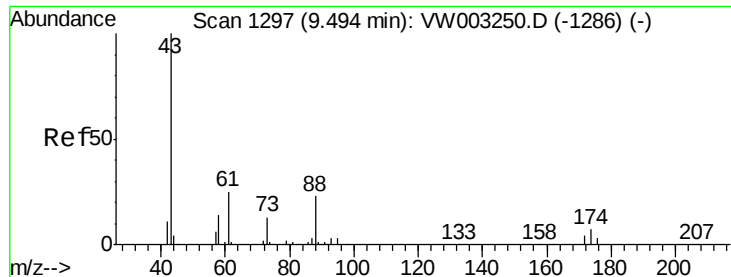
69 79.4 65.4 98.2

39 65.3 54.2 81.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

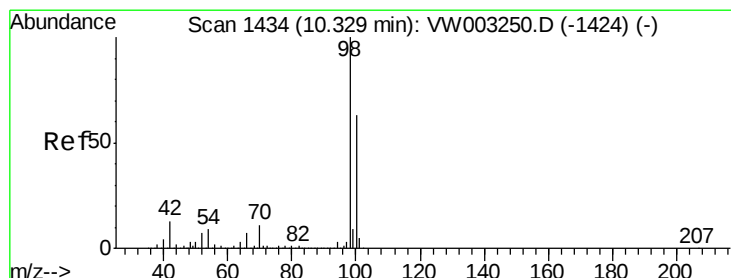
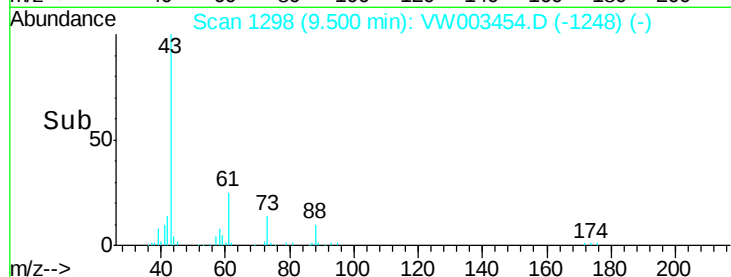
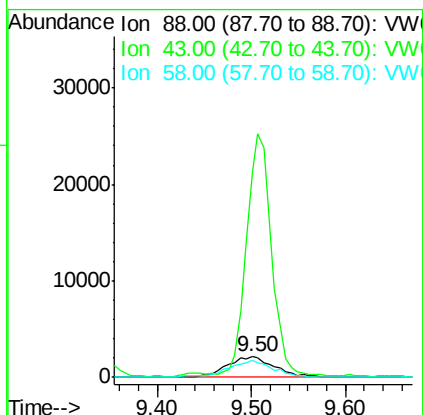
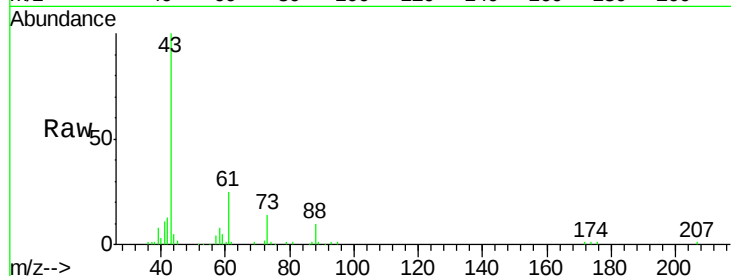




#49
1,4-Dioxane
Concen: 345.345 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

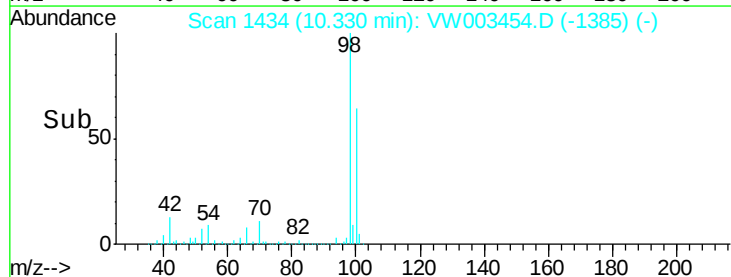
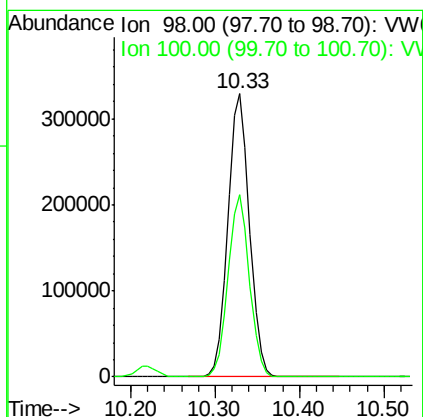
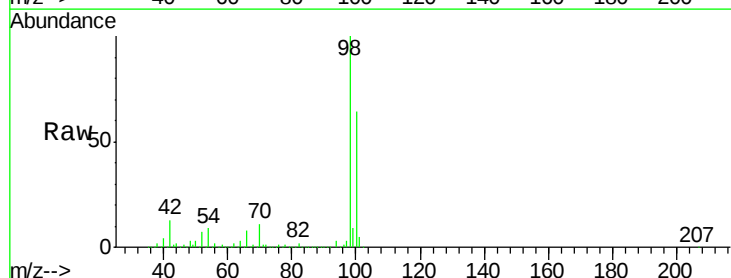
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

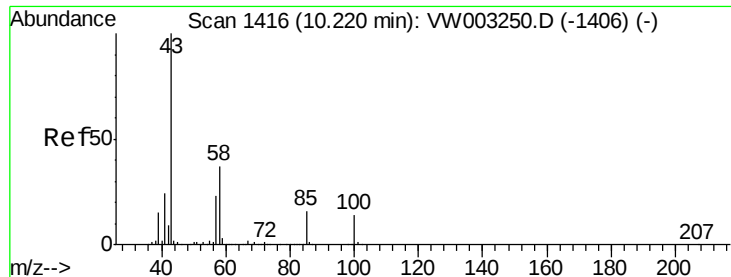
Tgt Ion: 88 Resp: 7519
Ion Ratio Lower Upper
88 100
43 618.7 454.7 682.1
58 78.4 58.6 88.0



#50
Toluene-d8
Concen: 55.939 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: 98 Resp: 572735
Ion Ratio Lower Upper
98 100
100 63.7 50.8 76.2

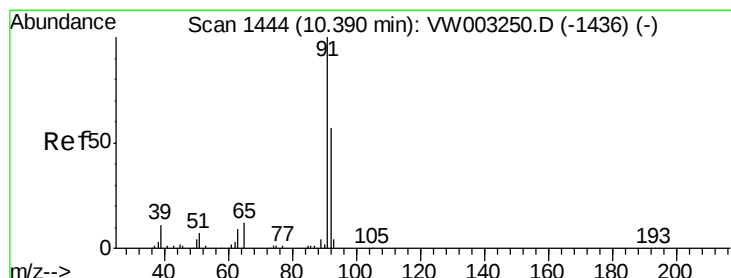
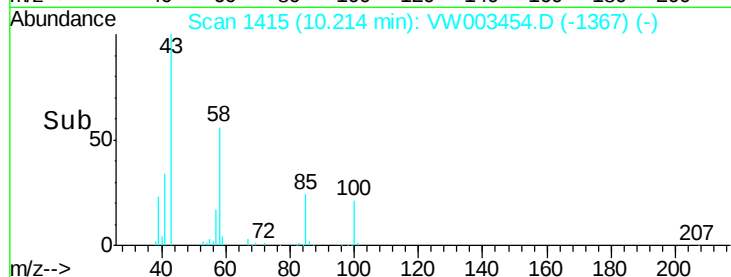
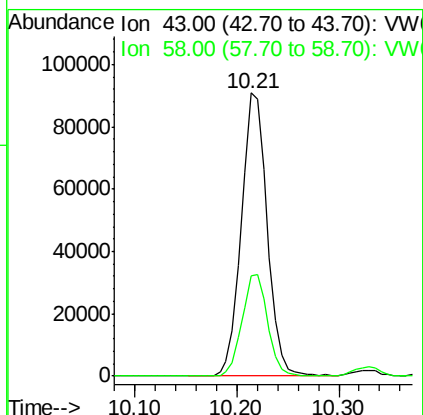
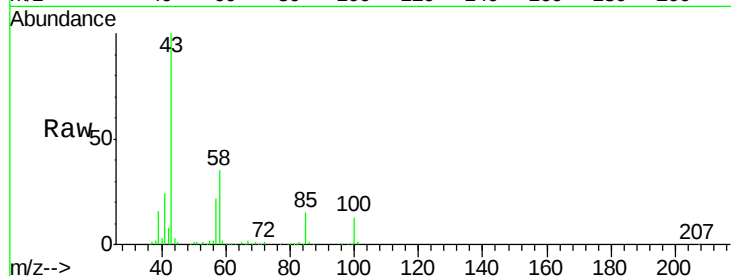




#51
 4-Methyl-2-Pentanone
 Concen: 95.050 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

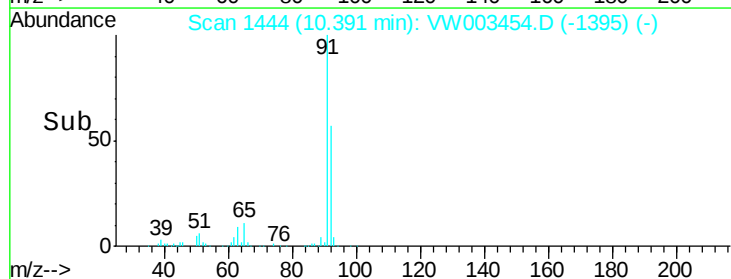
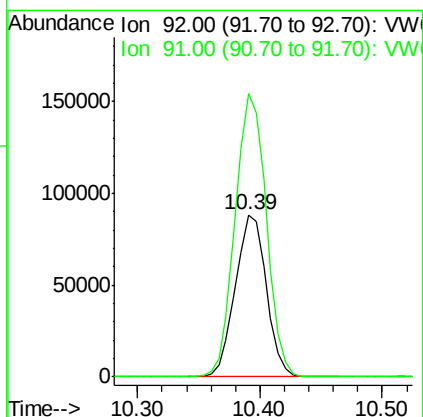
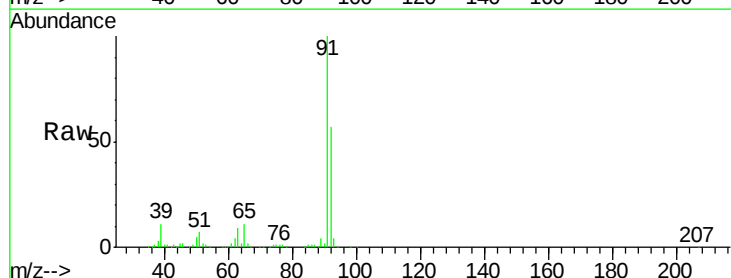
Instrument :
 MSVOA_W
 ClientSampled :
 VW0623SBS01

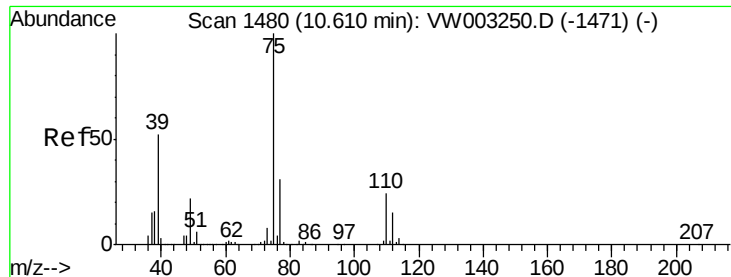
Tgt Ion: 43 Resp: 159886
 Ion Ratio Lower Upper
 43 100
 58 35.7 29.0 43.4



#52
 Toluene
 Concen: 21.816 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: 20.359 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

ClientSampleId :

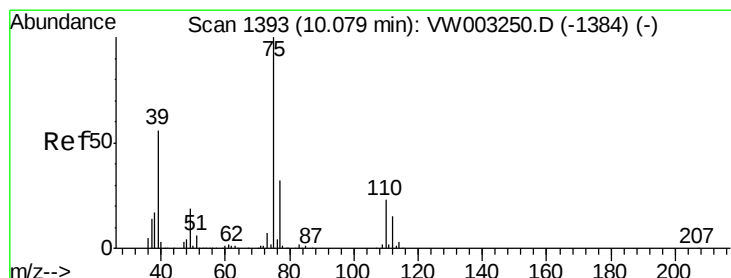
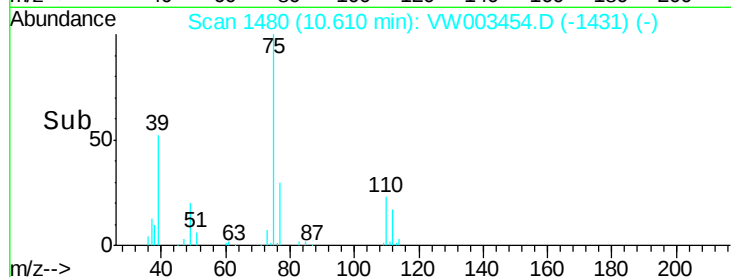
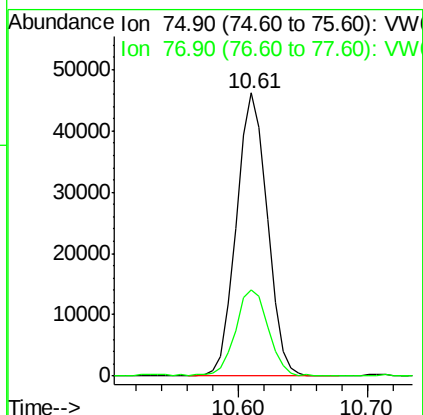
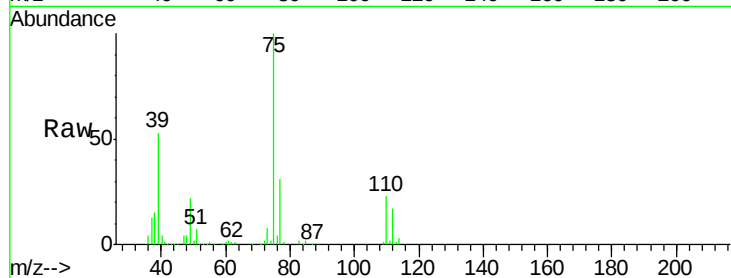
VW0623SBS01

Tgt Ion: 75 Resp: 76870

Ion Ratio Lower Upper

75 100

77 30.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 20.782 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

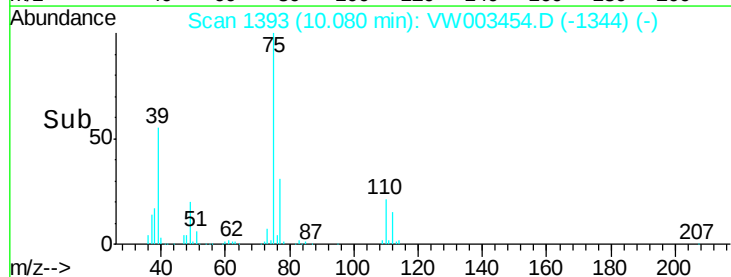
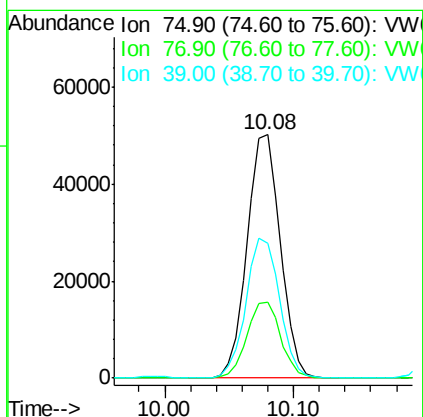
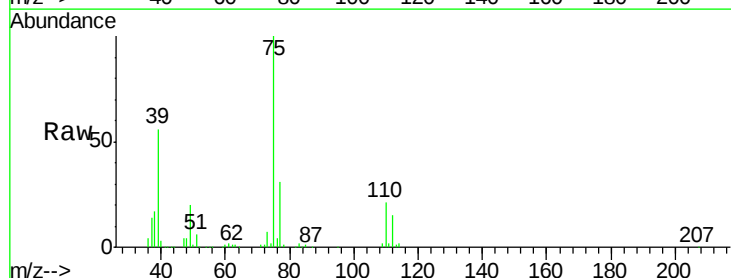
Tgt Ion: 75 Resp: 89309

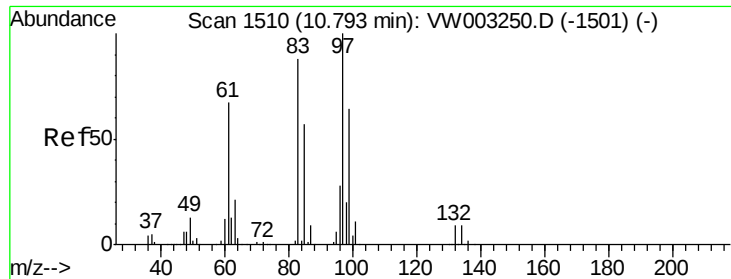
Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

39 55.5 45.2 67.8

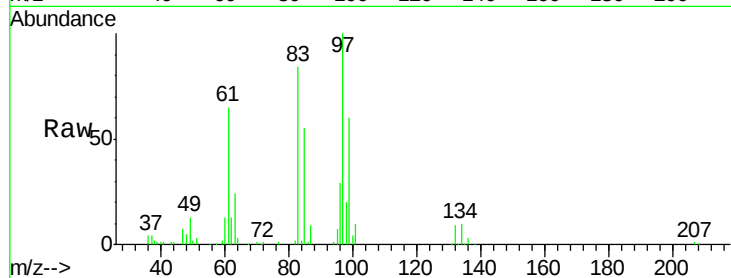




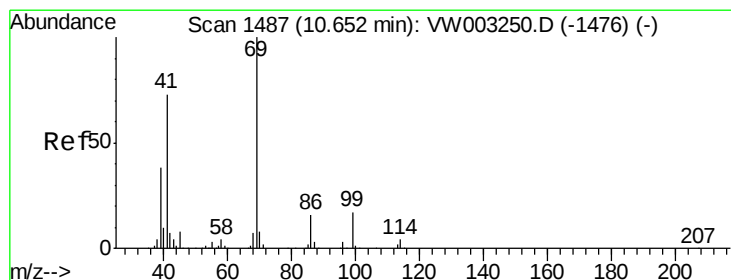
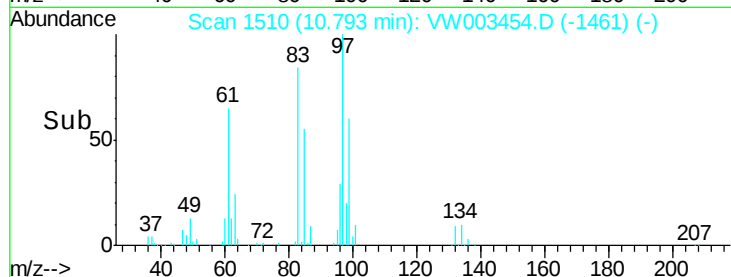
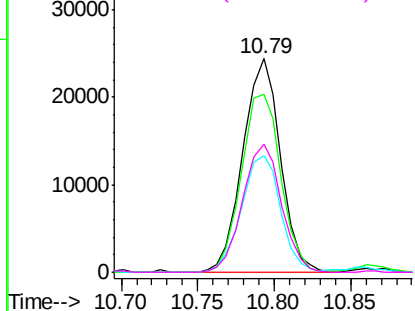
#55
 1,1,2-Trichloroethane
 Concen: 20.534 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

Tgt Ion: 97 Resp: 41725
 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

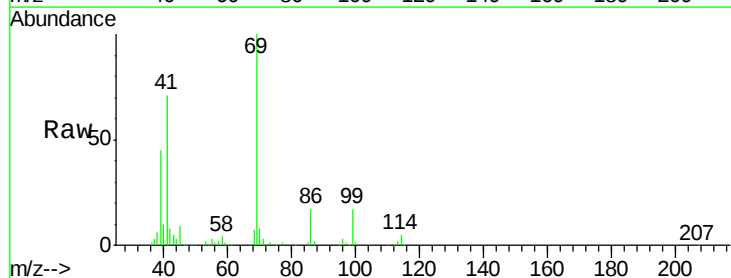


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

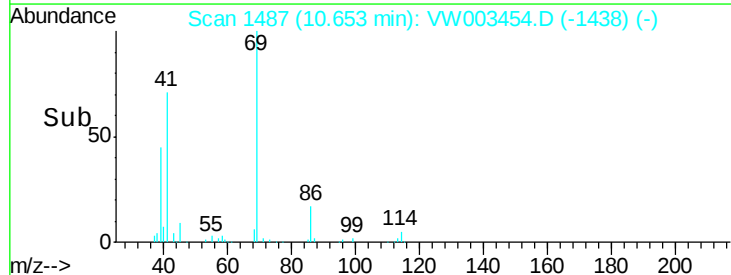
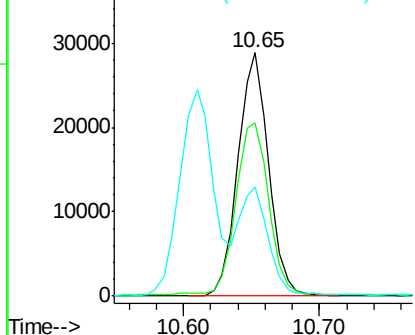


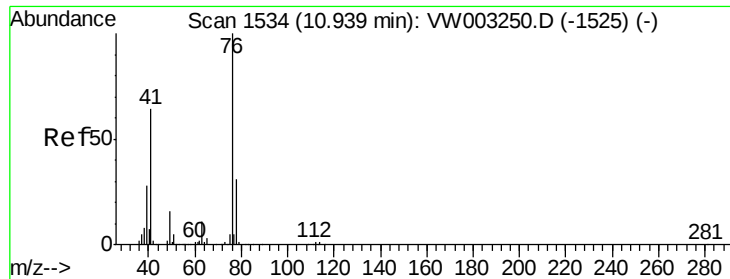
#56
 Ethyl methacrylate
 Concen: 18.401 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

Tgt Ion: 69 Resp: 45405
 Ion Ratio Lower Upper
 69 100
 41 78.6 57.8 86.6
 39 41.9 32.7 49.1



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

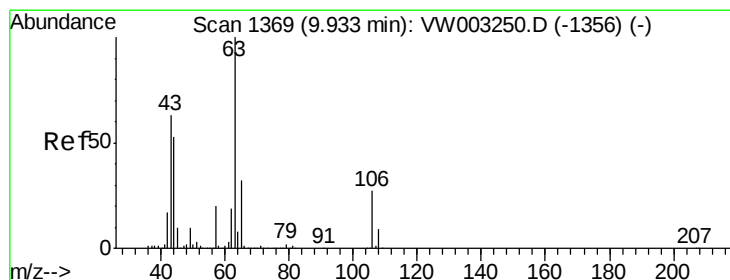
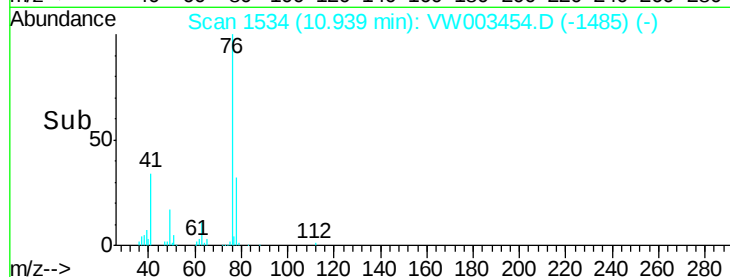
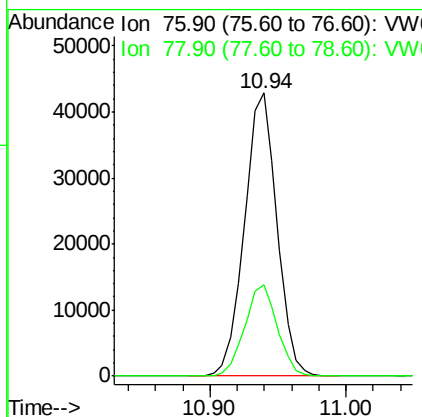
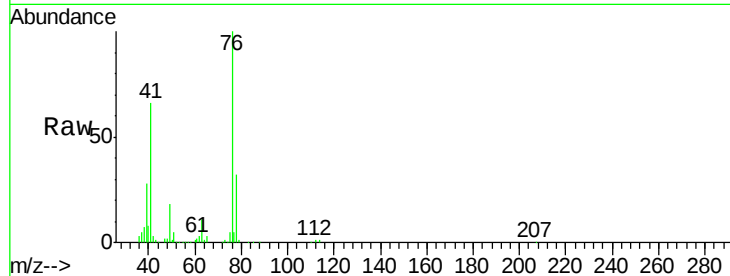




#57
 1,3-Dichloropropane
 Concen: 20.442 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

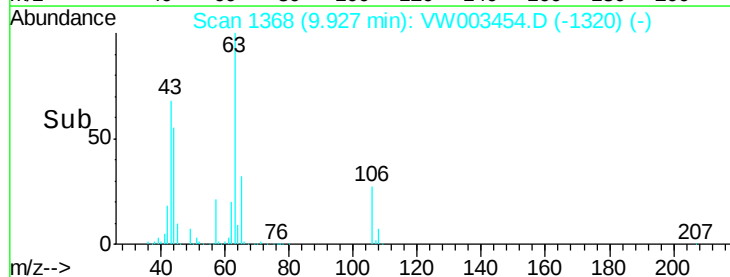
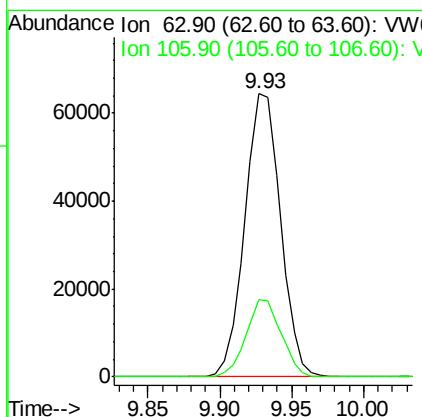
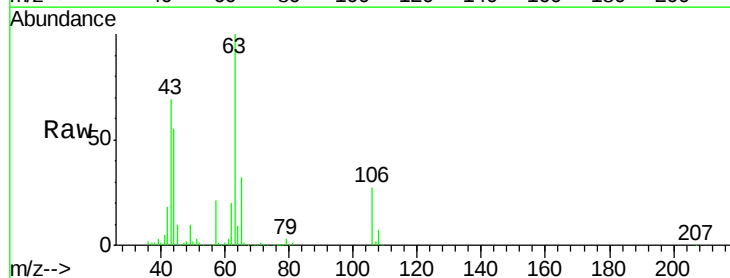
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

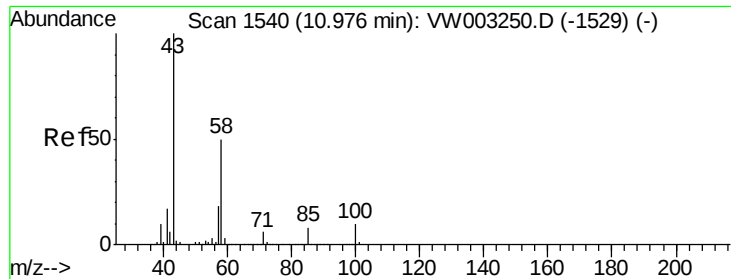
Tgt Ion: 76 Resp: 71639
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.996 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: 96.802 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

ClientSampled :

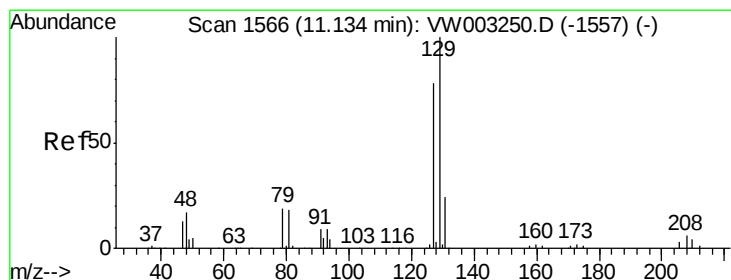
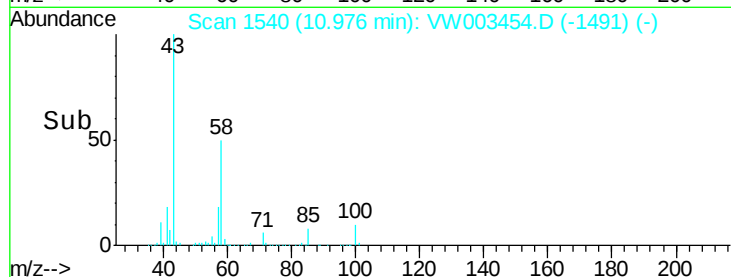
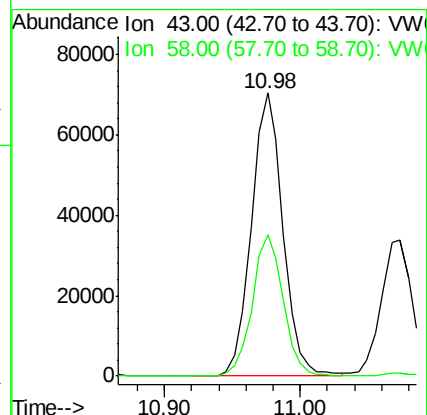
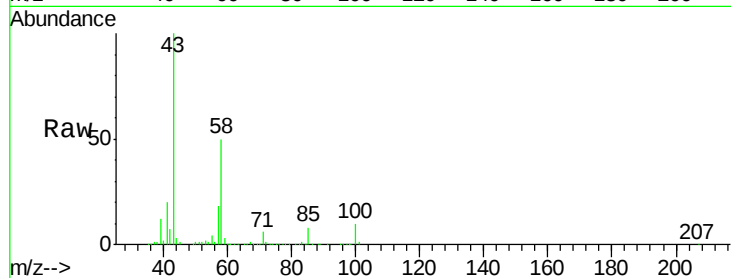
VW0623SBS01

Tgt Ion: 43 Resp: 113753

Ion Ratio Lower Upper

43 100

58 49.1 25.0 75.0



#60

Dibromochloromethane

Concen: 20.084 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW003454.D

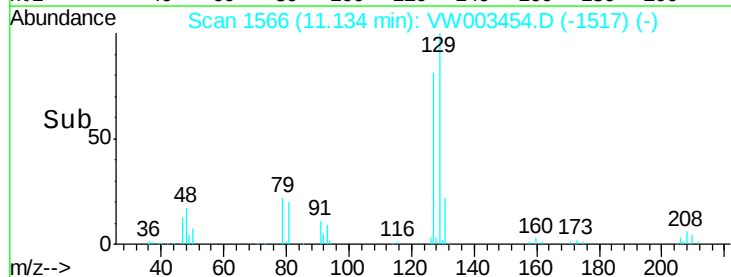
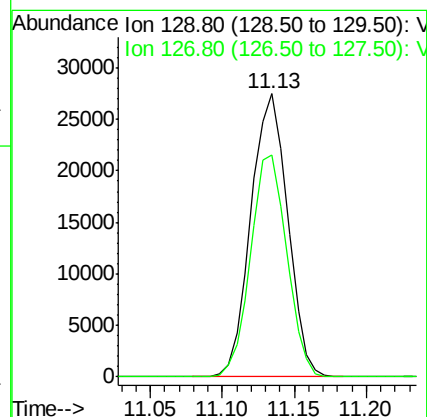
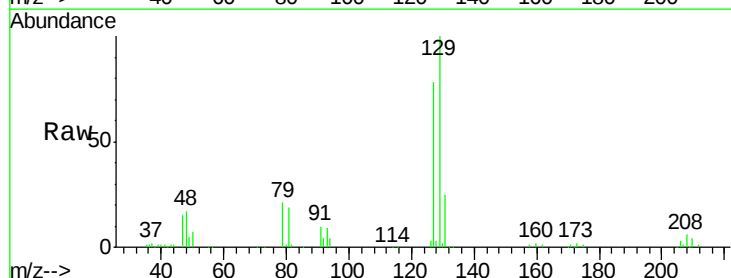
Acq: 23 Jun 2018 12:36

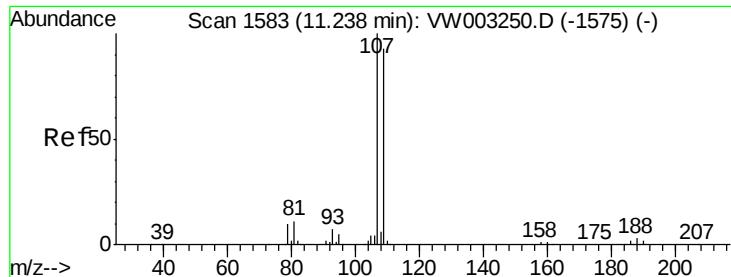
Tgt Ion: 129 Resp: 48533

Ion Ratio Lower Upper

129 100

127 77.2 39.1 117.5





#61

1,2-Dibromoethane

Concen: 19.986 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 :

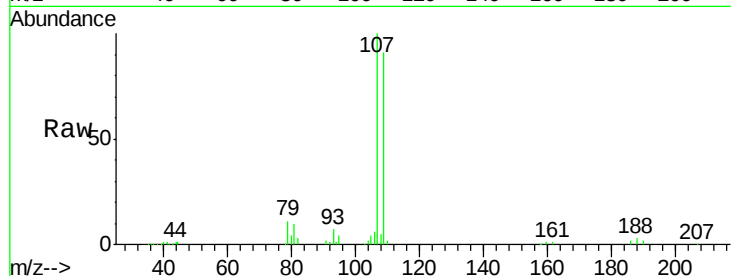
VW0623SBS01

Tgt Ion: 107 Resp: 38414

Ion Ratio Lower Upper

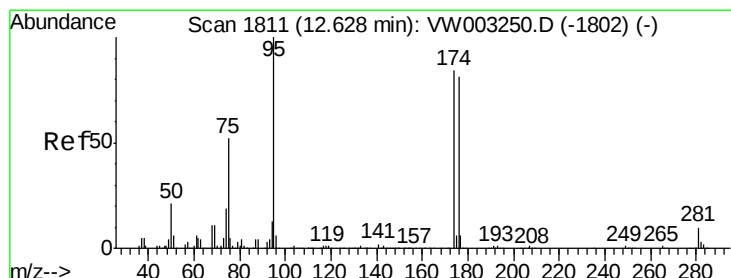
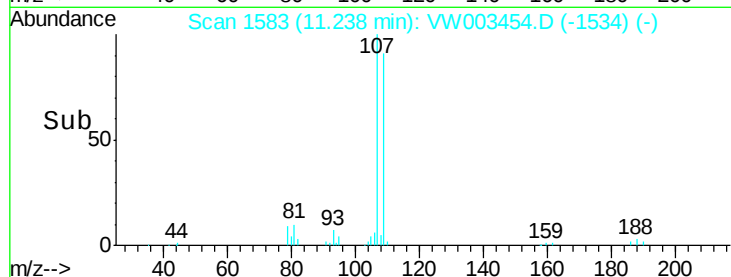
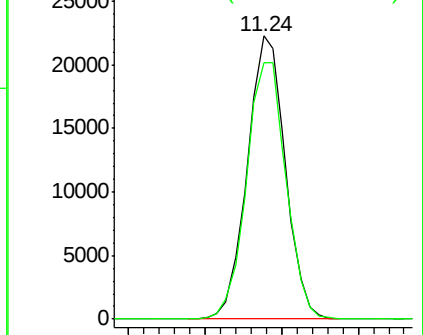
107 100

109 94.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.001 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

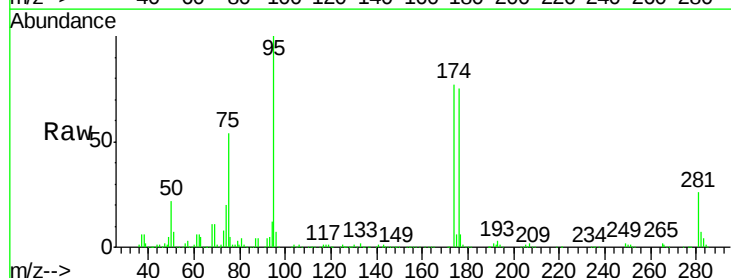
Tgt Ion: 95 Resp: 199287

Ion Ratio Lower Upper

95 100

174 82.9 0.0 166.4

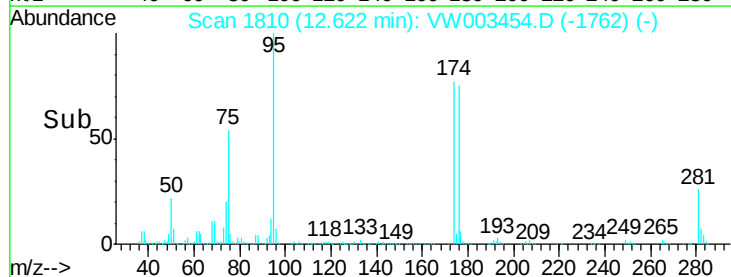
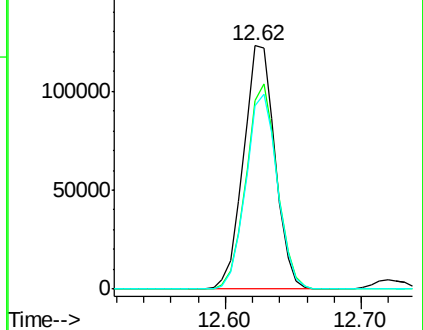
176 80.1 0.0 162.0

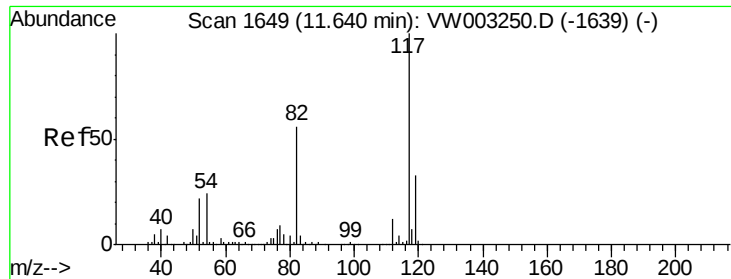


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

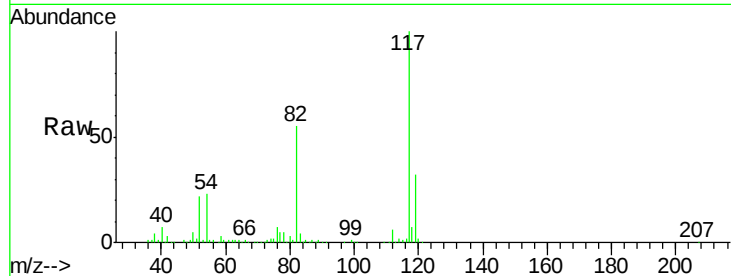




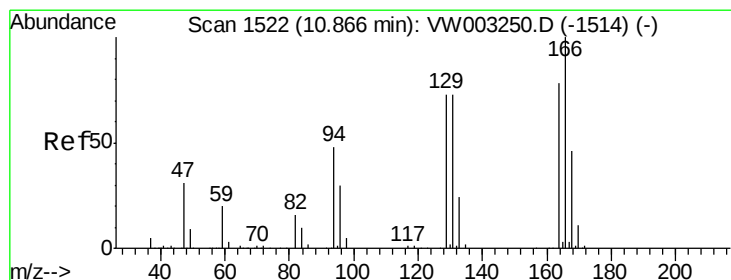
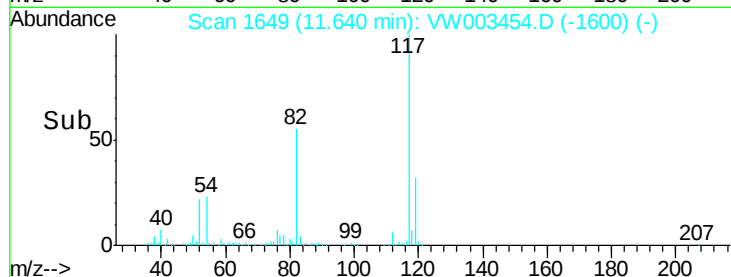
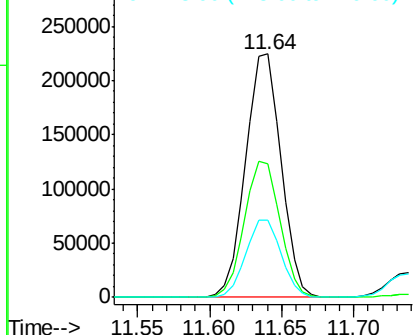
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Tgt Ion:117 Resp: 382676
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 31.7 26.7 40.1

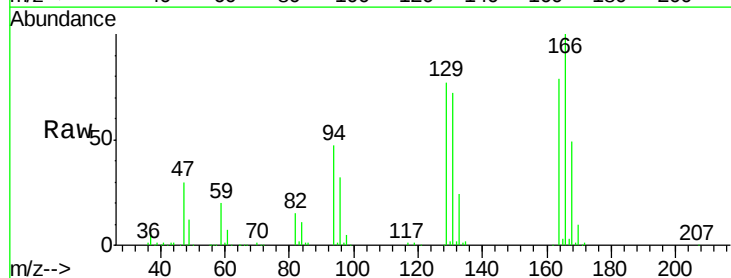


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

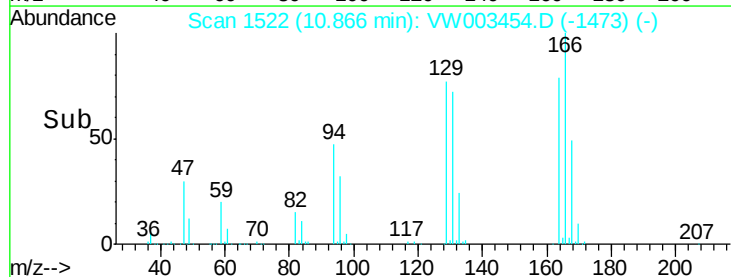
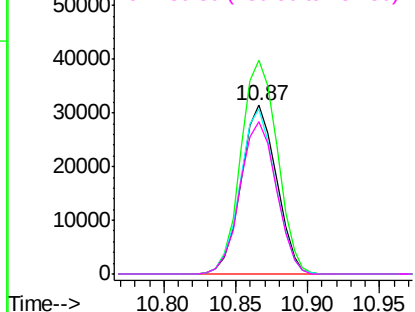


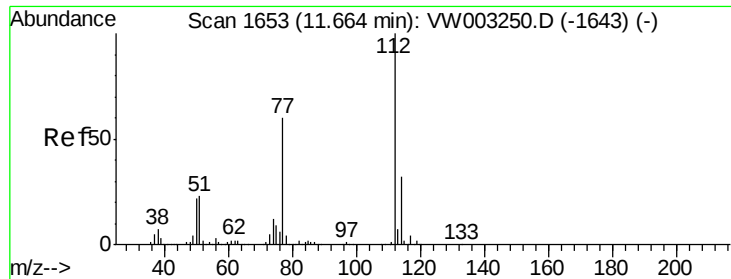
#64
Tetrachloroethene
Concen: 20.869 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

Tgt Ion:164 Resp: 53414
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



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

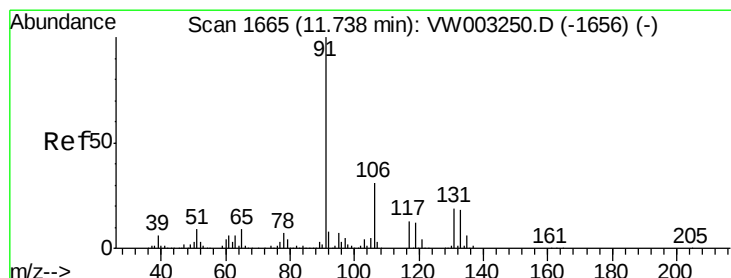
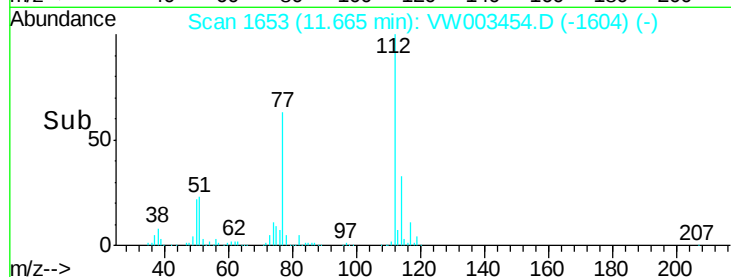
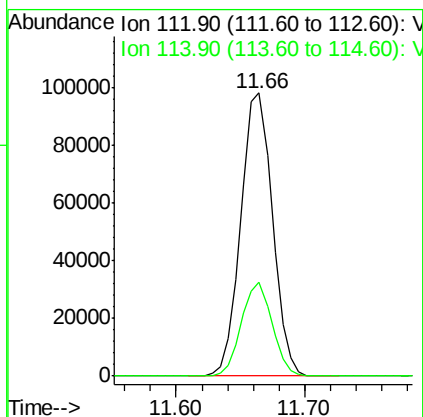
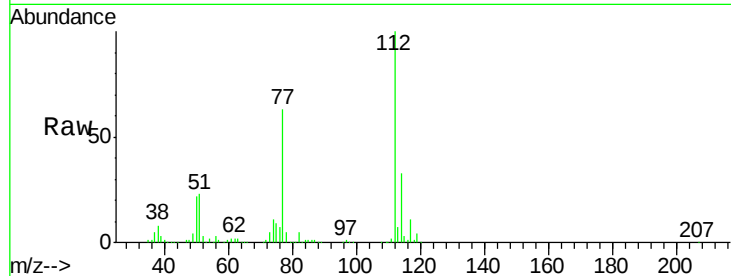




#65
Chlorobenzene
Concen: 20.926 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

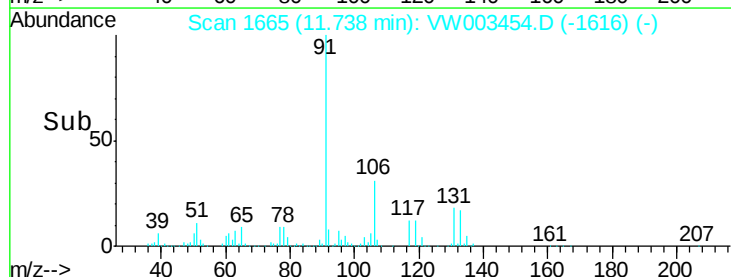
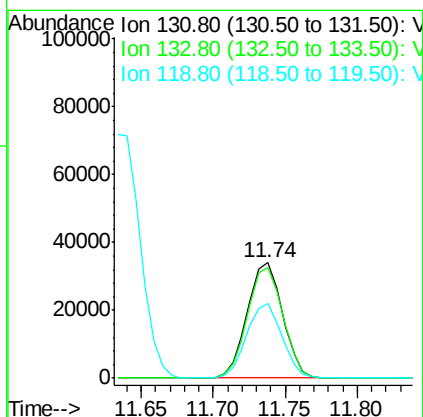
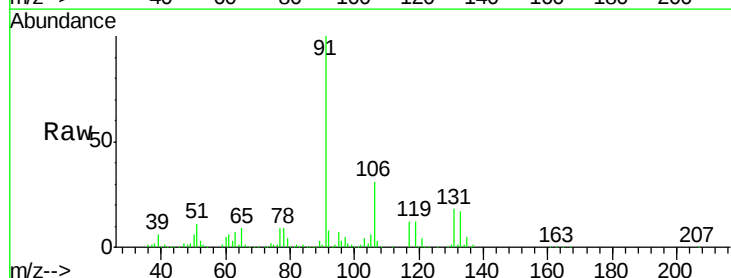
Instrument :
MSVOA_W
ClientSampled :
VW0623SBS01

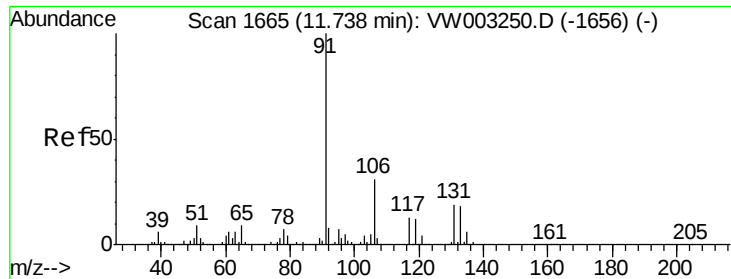
Tgt Ion:112 Resp: 166759
Ion Ratio Lower Upper
112 100
114 33.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.573 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

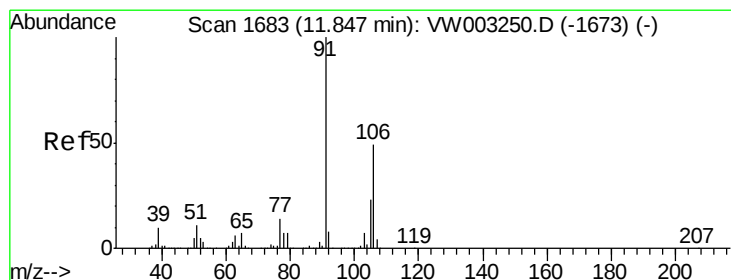
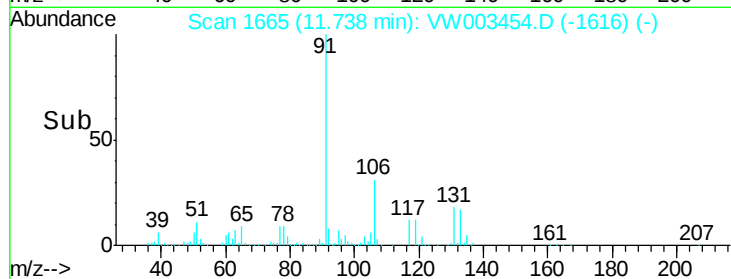
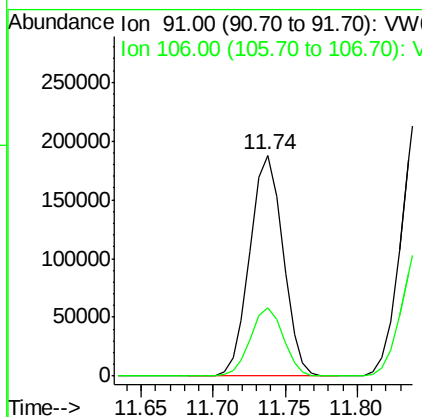
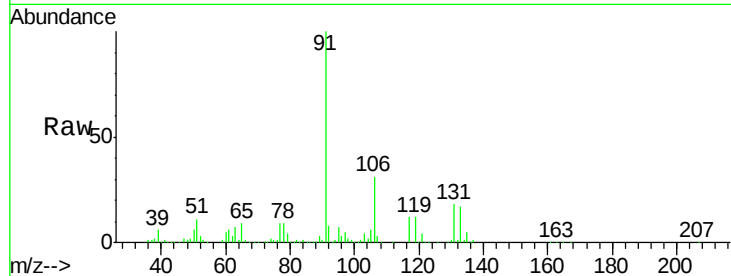




#67
Ethyl Benzene
Concen: 21.219 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

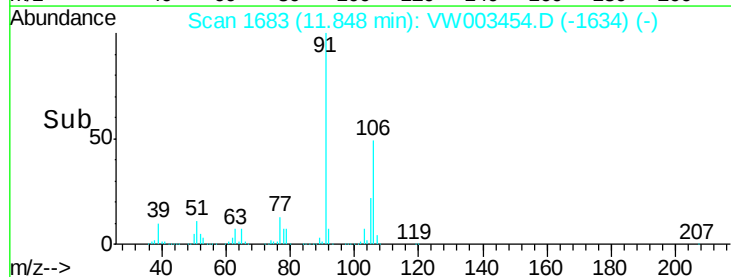
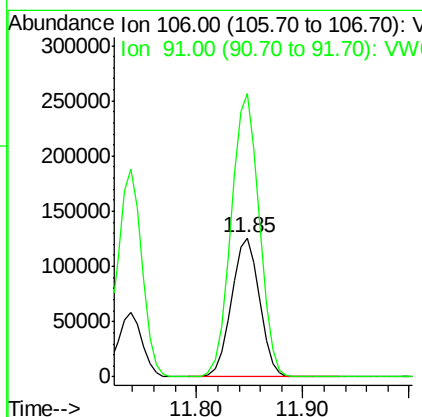
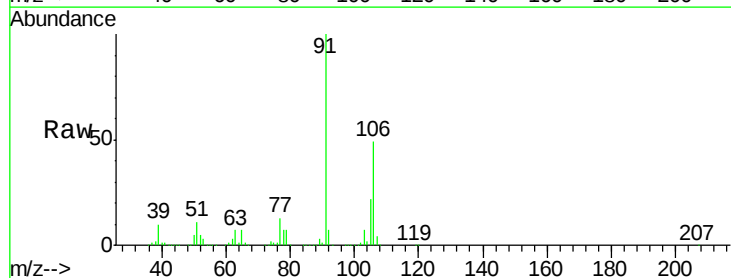
Instrument :
MSVOA_W
ClientSampled :
VW0623SBS01

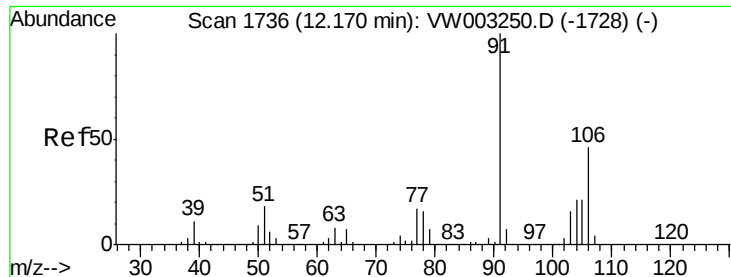
Tgt Ion: 91 Resp: 299731
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1



#68
m/p-Xylenes
Concen: 43.258 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

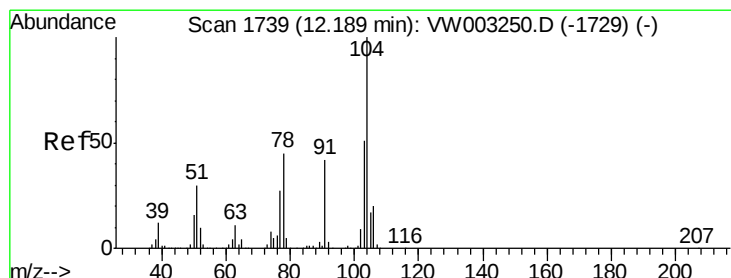
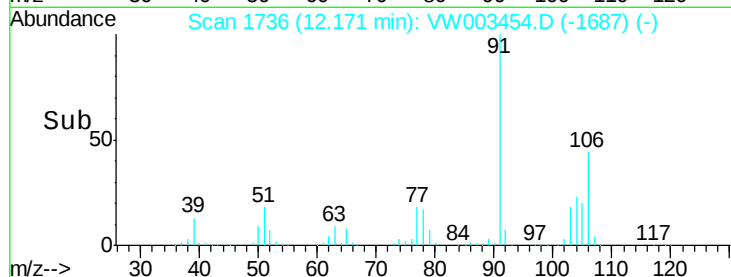
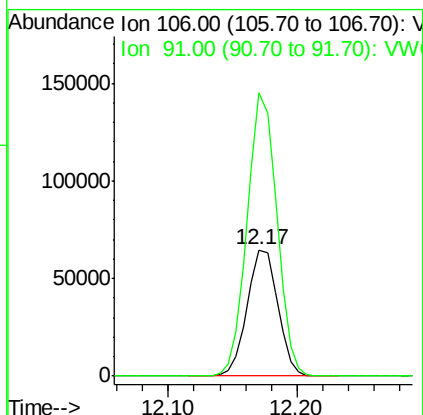
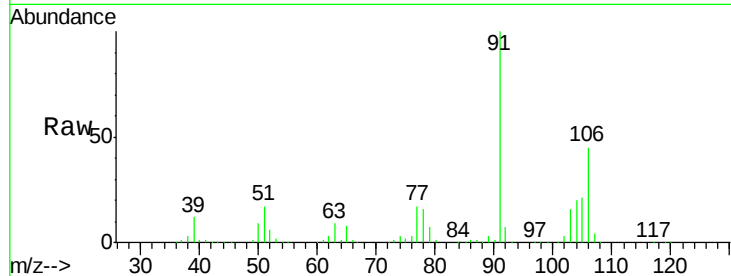




#69
o-Xylene
Concen: 21.340 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003454.D
Acq: 23 Jun 2018 12:36

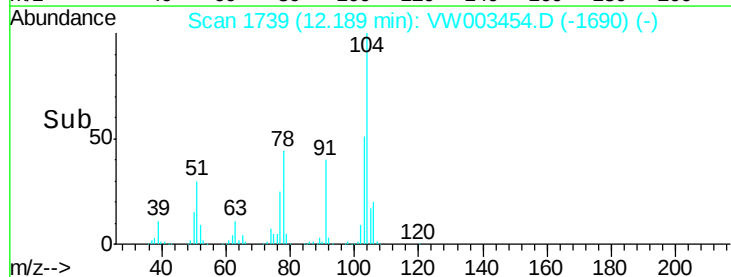
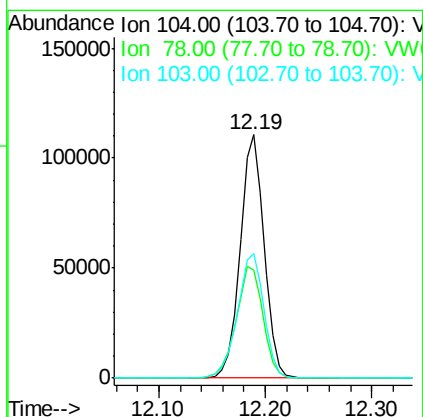
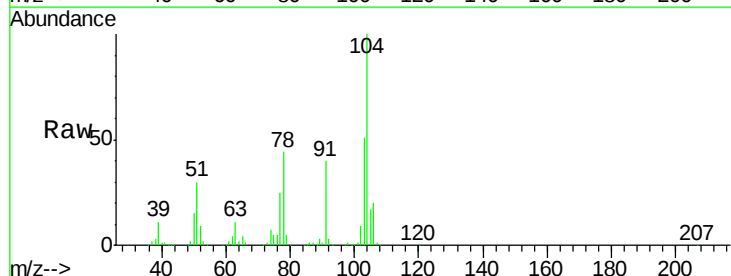
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

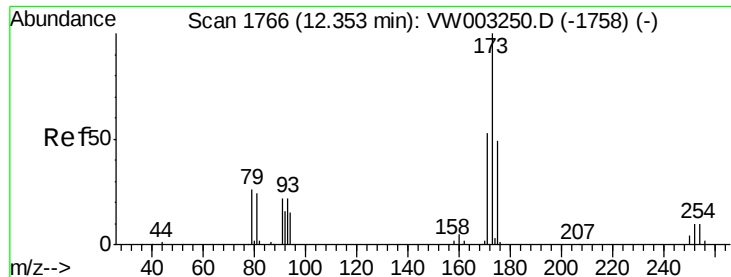
Tgt Ion:106 Resp: 106200
Ion Ratio Lower Upper
106 100
91 217.9 108.6 325.6



#70
Styrene
Concen: 21.109 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:104 Resp: 174858
Ion Ratio Lower Upper
104 100
78 51.5 41.3 61.9
103 56.5 45.0 67.4





#71

Bromoform

Concen: 19.387 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

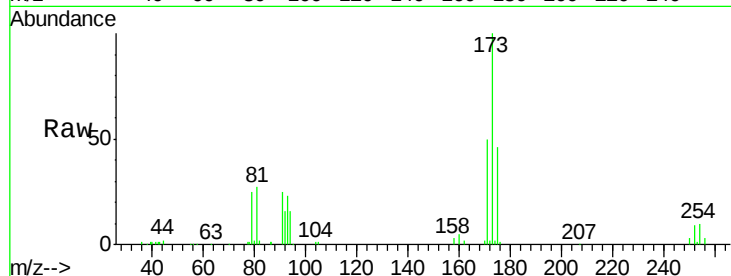
Tgt Ion:173 Resp: 28138

Ion Ratio Lower Upper

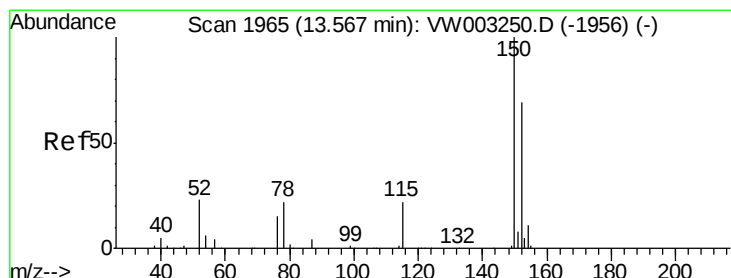
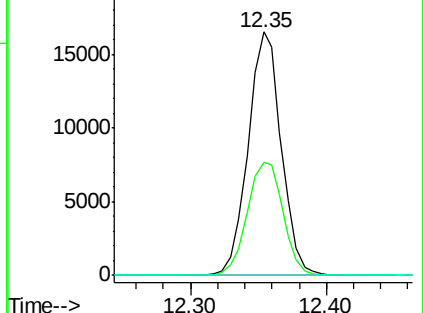
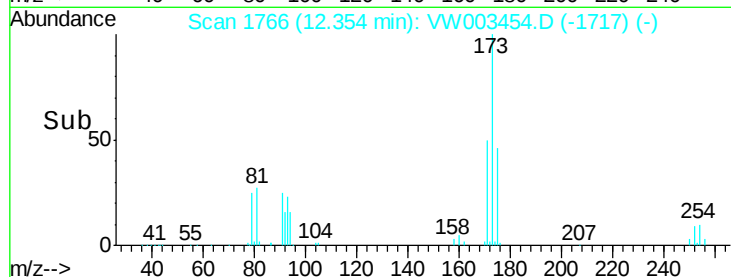
173 100

175 50.2 24.4 73.4

254 0.0 0.1 0.1#



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: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

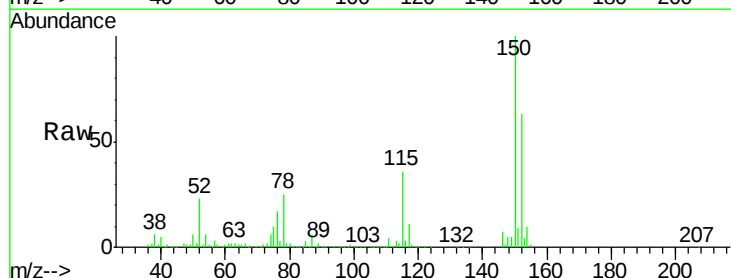
Tgt Ion:152 Resp: 205697

Ion Ratio Lower Upper

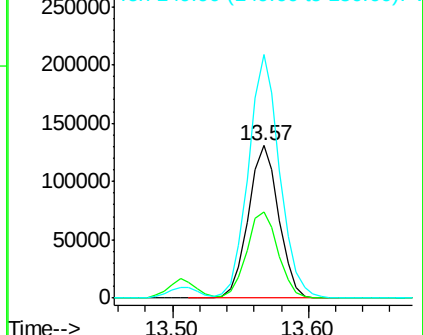
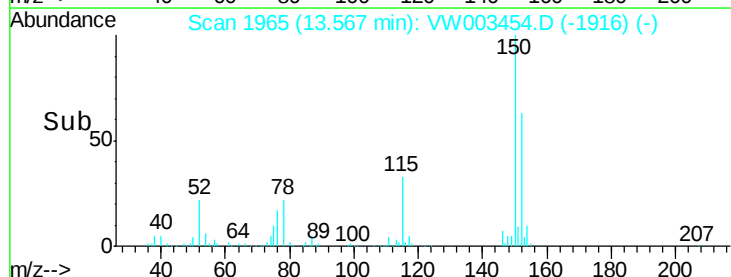
152 100

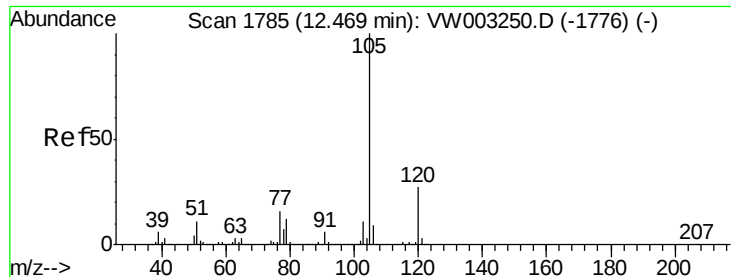
115 58.4 29.3 88.0

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: 21.056 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 :

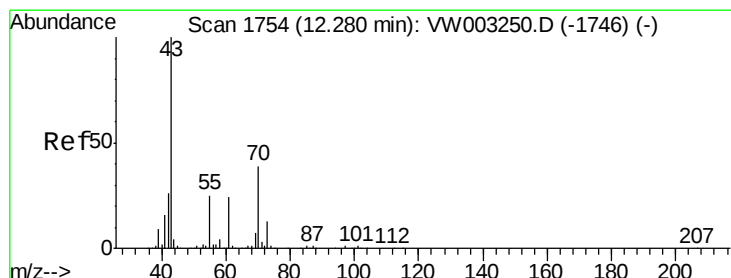
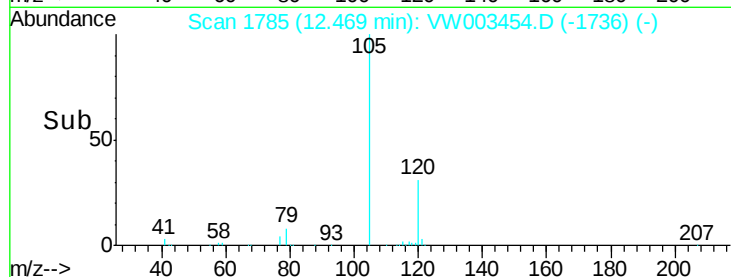
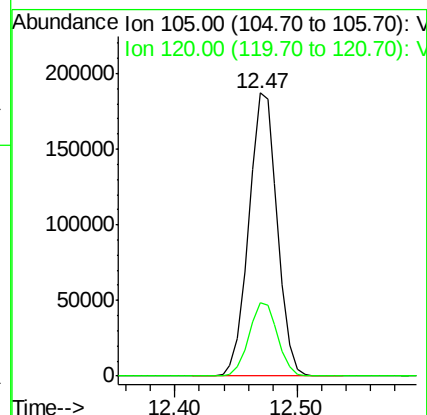
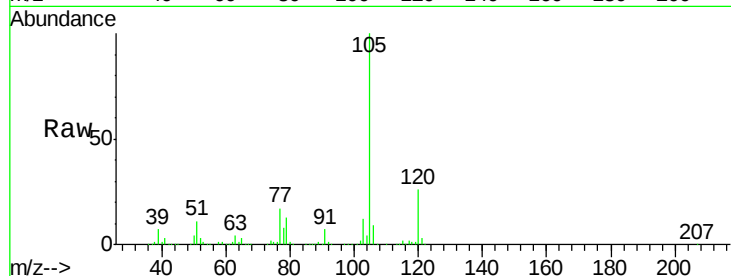
VW0623SBS01

Tgt Ion: 105 Resp: 301243

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 17.912 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: 43 Resp: 58329

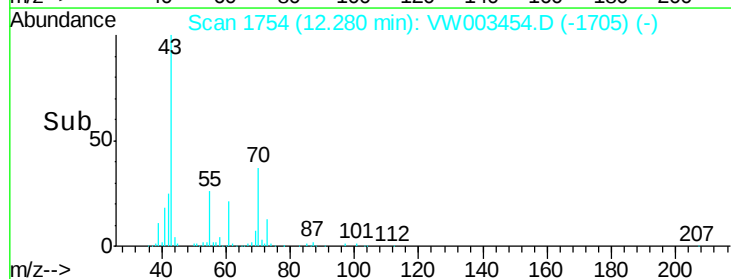
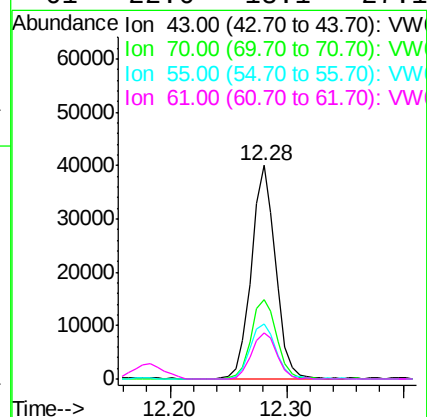
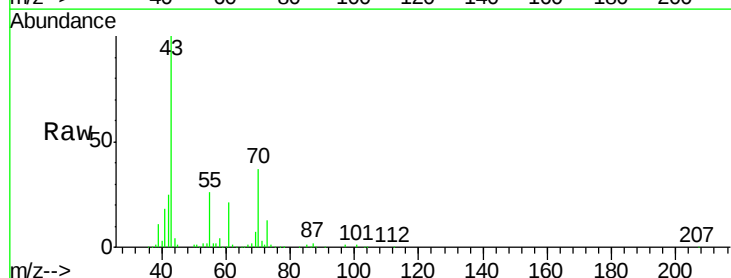
Ion Ratio Lower Upper

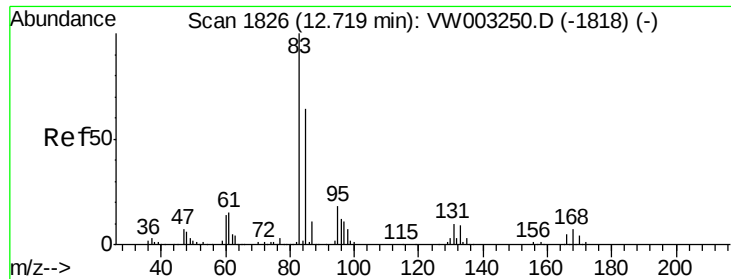
43 100

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: 19.699 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

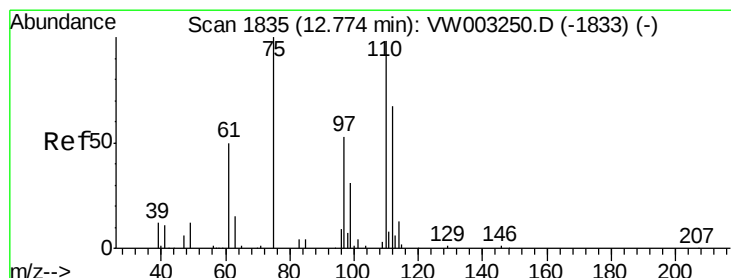
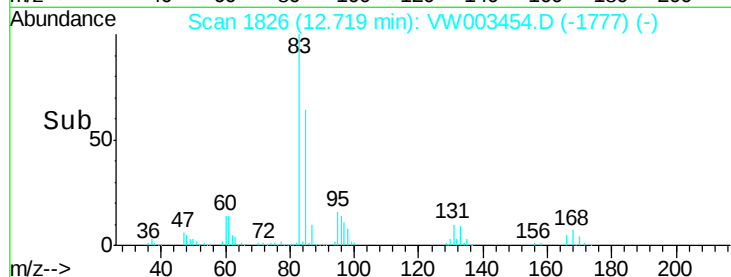
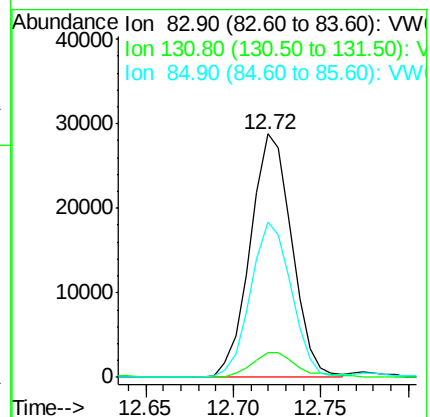
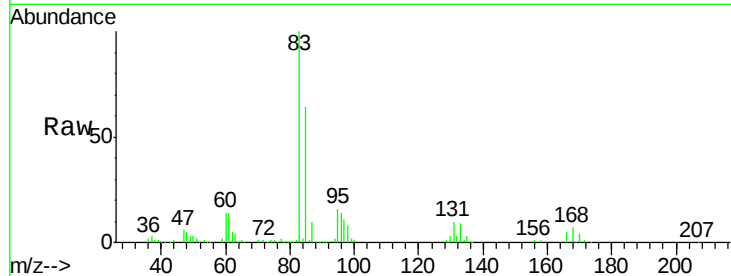
Tgt Ion: 83 Resp: 47680

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 62.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 36.064 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003454.D

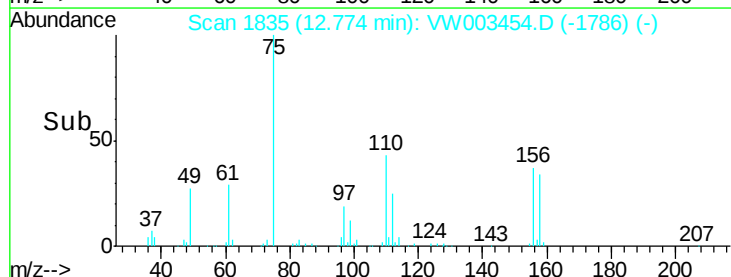
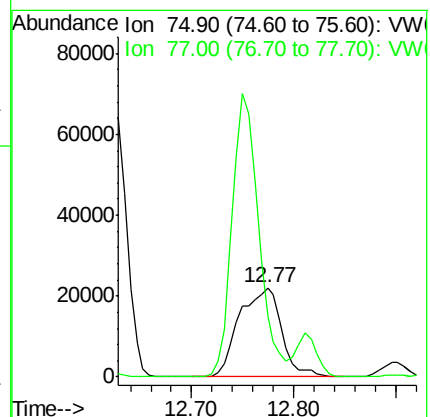
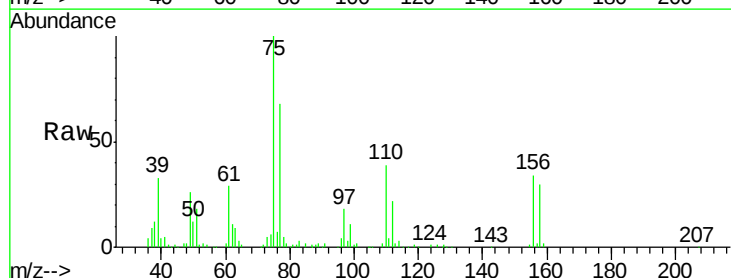
Acq: 23 Jun 2018 12:36

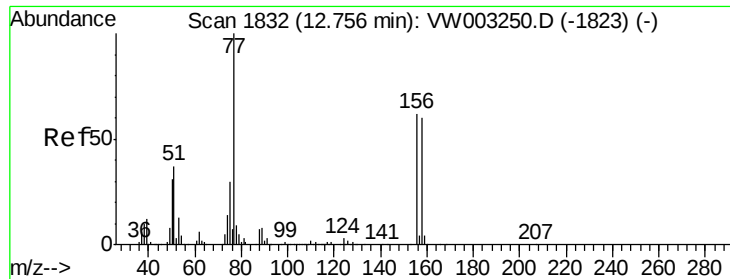
Tgt Ion: 75 Resp: 63418

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.563 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

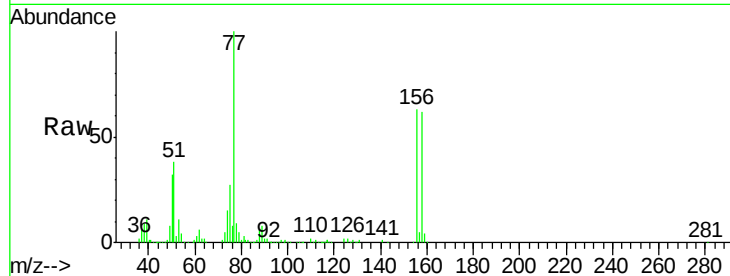
Tgt Ion:156 Resp: 68515

Ion Ratio Lower Upper

156 100

77 185.6 92.3 276.9

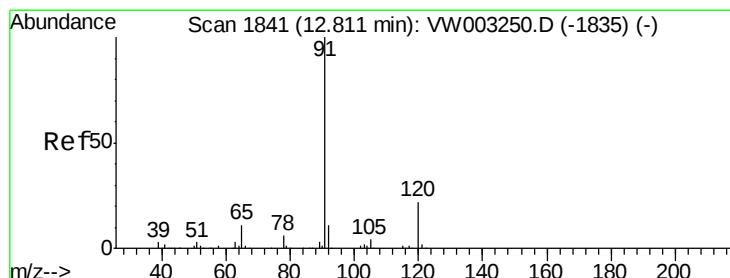
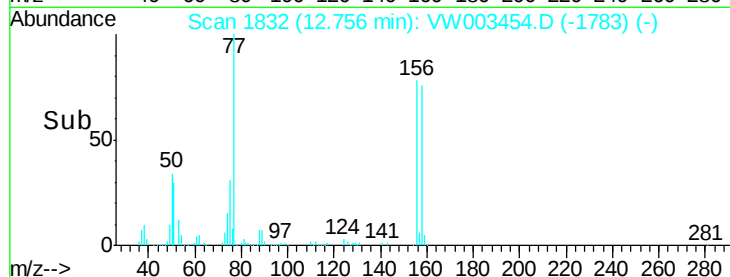
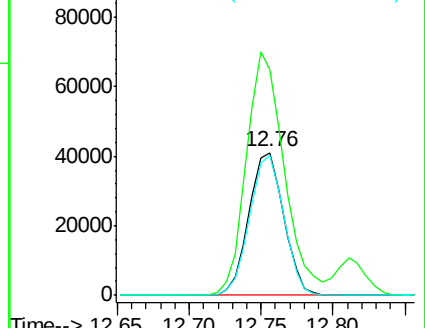
158 96.5 47.5 142.6



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: 21.495 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003454.D

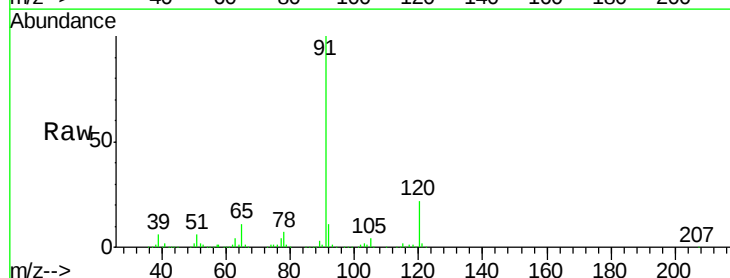
Acq: 23 Jun 2018 12:36

Tgt Ion: 91 Resp: 376567

Ion Ratio Lower Upper

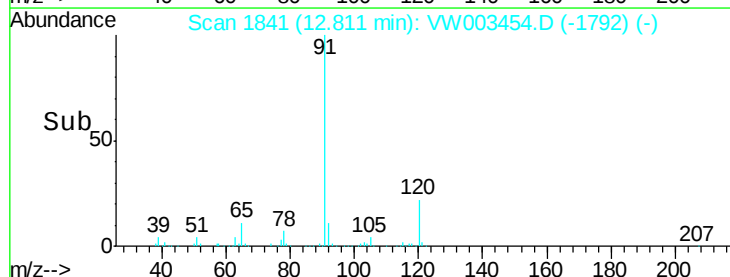
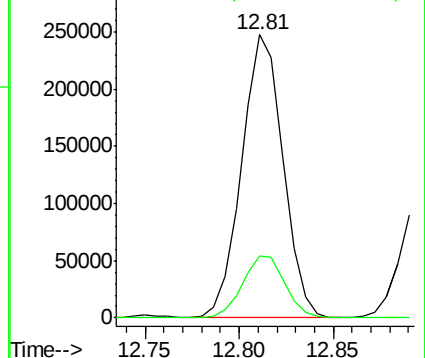
91 100

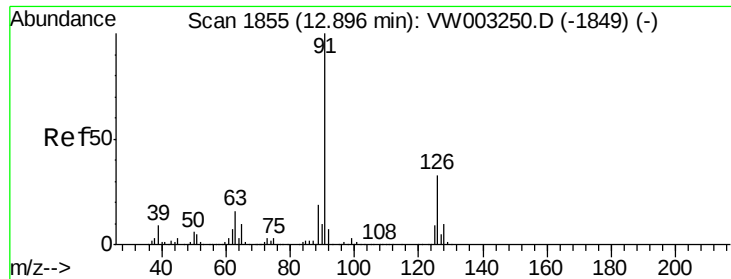
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

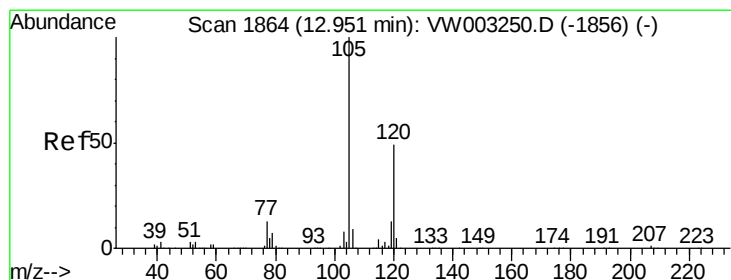
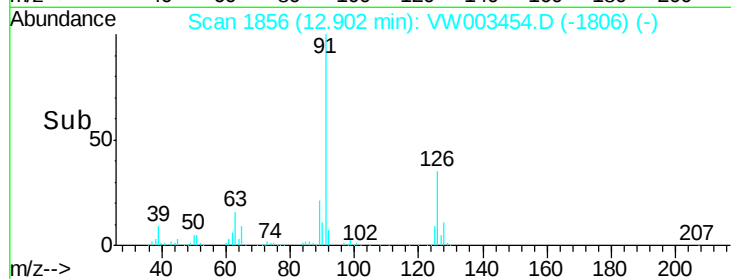
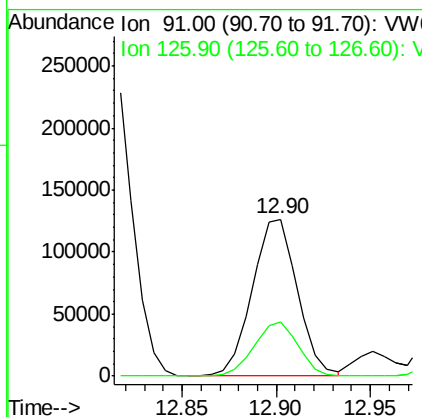
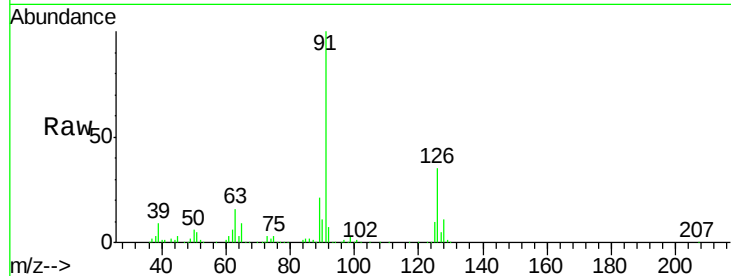




#79
 2-Chlorotoluene
 Concen: 21.194 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

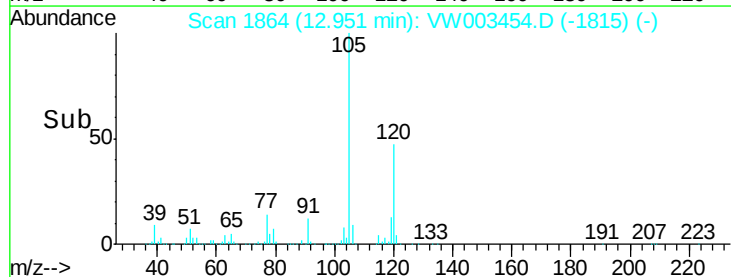
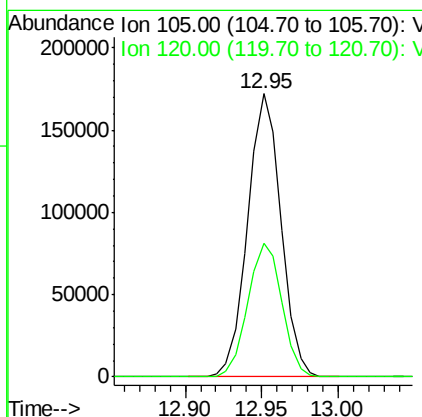
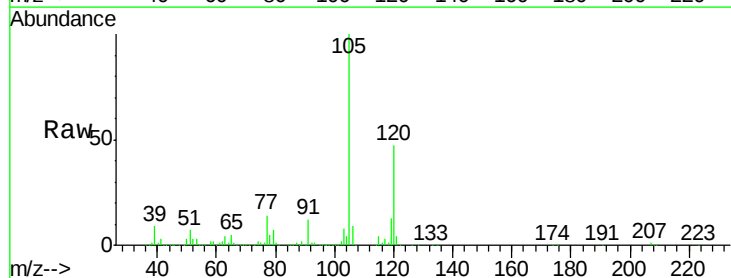
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

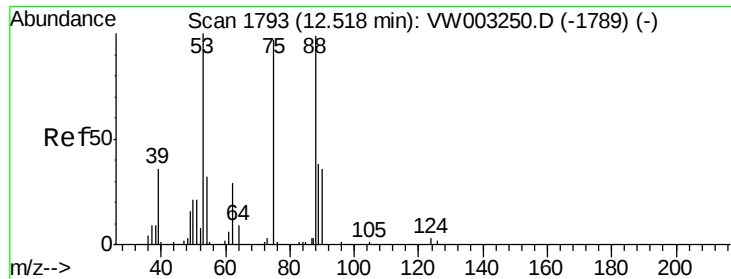
Tgt Ion: 91 Resp: 209830
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.654 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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.100 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

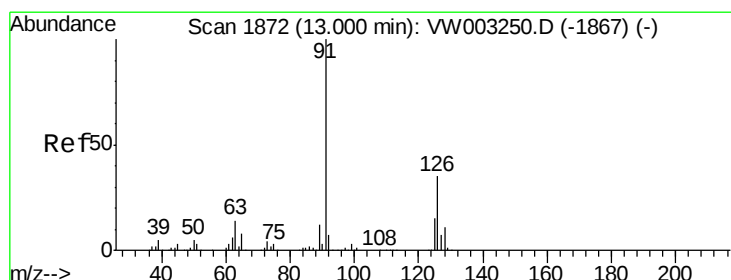
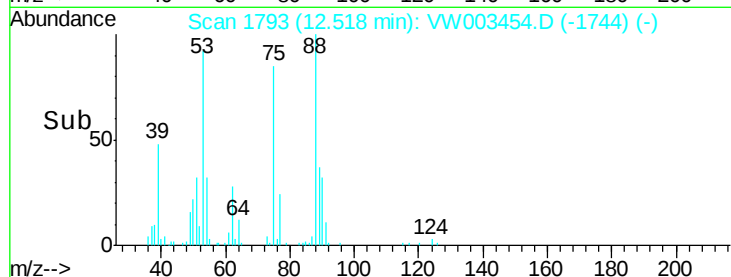
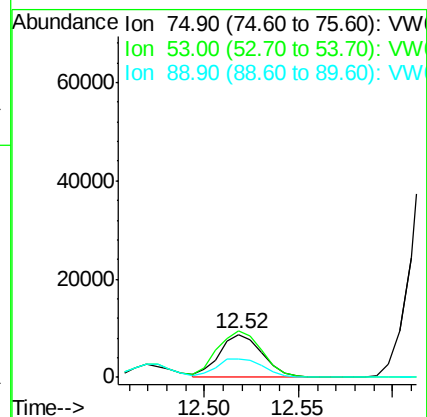
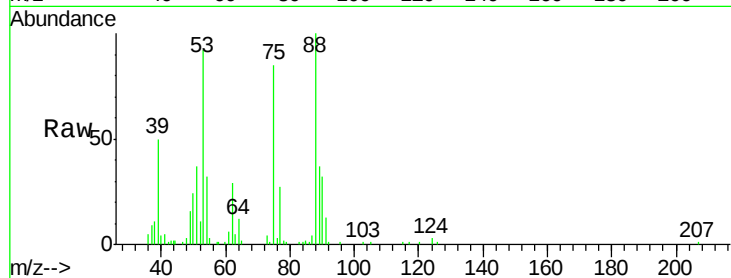
Tgt Ion: 75 Resp: 13832

Ion Ratio Lower Upper

75 100

53 112.9 82.9 124.3

89 47.3 36.7 55.1



#82

4-Chlorotoluene

Concen: 21.033 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003454.D

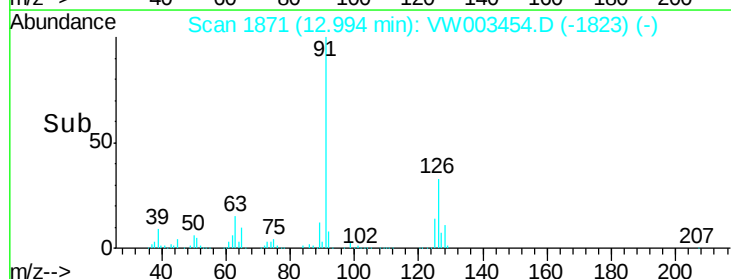
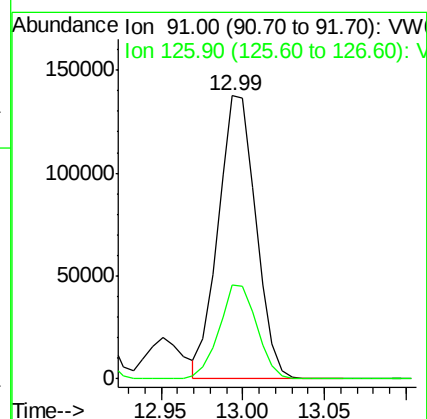
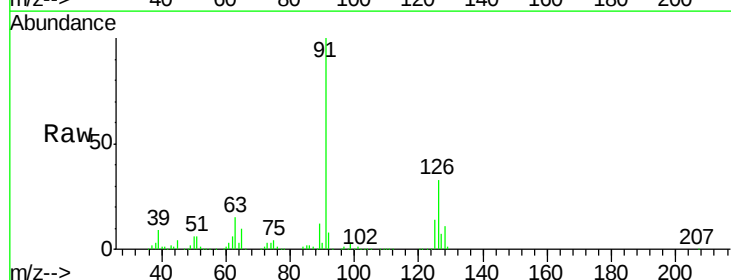
Acq: 23 Jun 2018 12:36

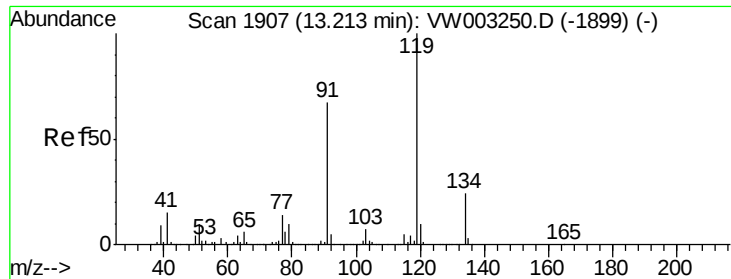
Tgt Ion: 91 Resp: 220900

Ion Ratio Lower Upper

91 100

126 33.4 16.8 50.3

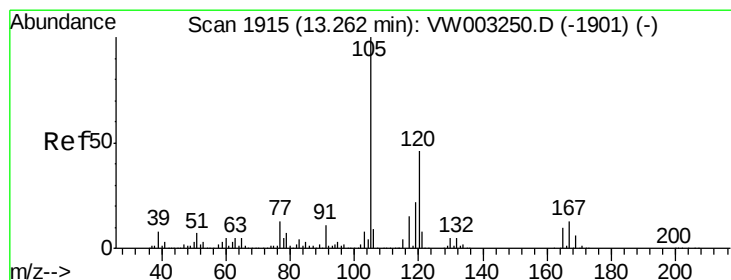
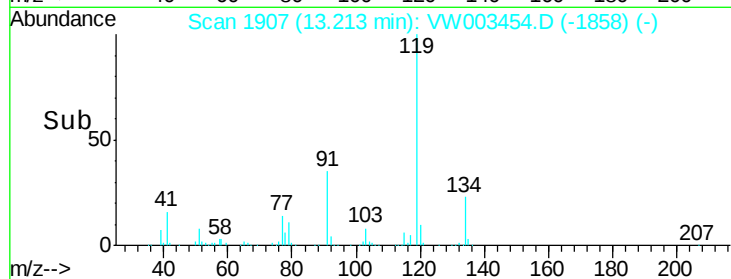
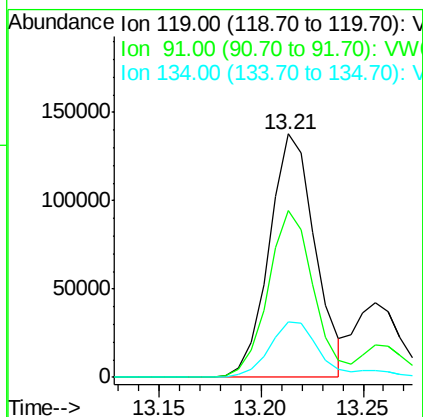
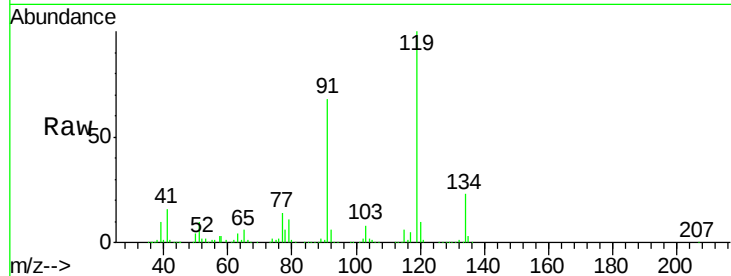




#83
 tert-Butylbenzene
 Concen: 21.092 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

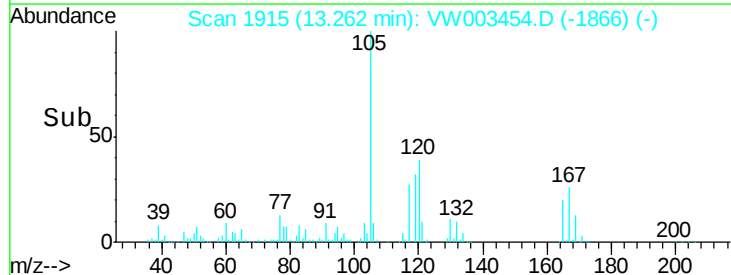
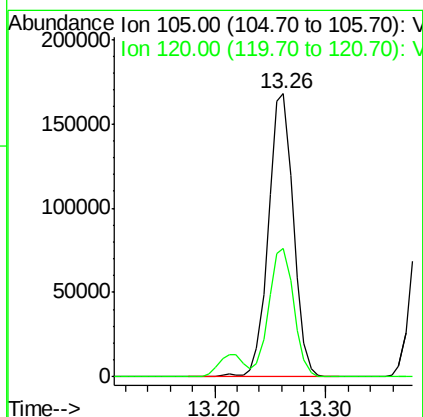
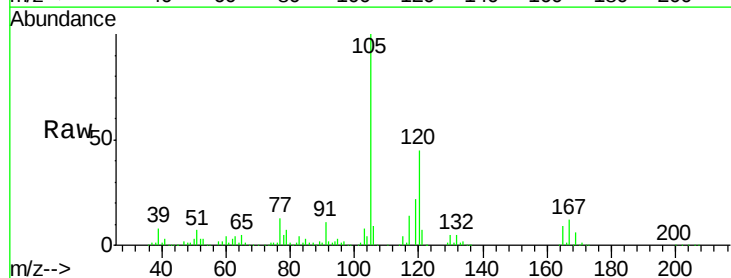
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

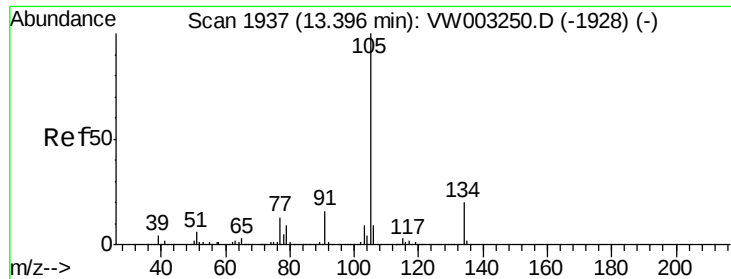
Tgt Ion:119 Resp: 215866
 Ion Ratio Lower Upper
 119 100
 91 68.3 33.9 101.7
 134 26.0 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.329 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:105 Resp: 263483
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.5 67.5

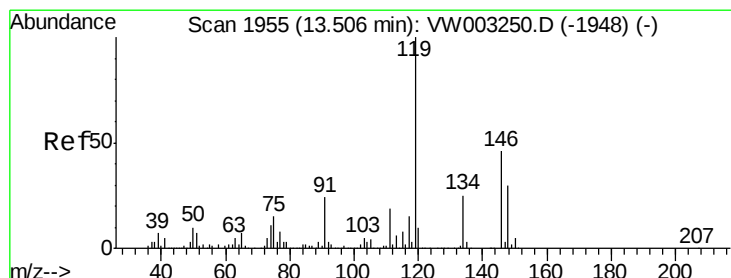
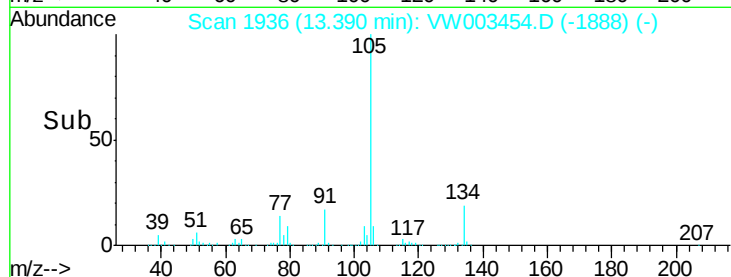
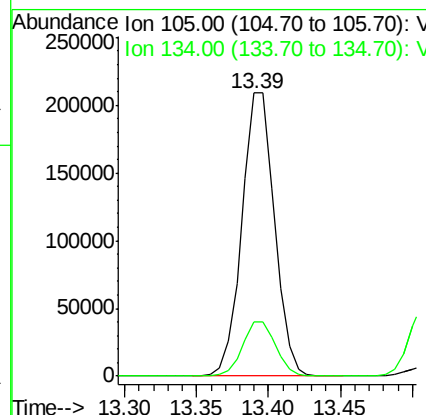
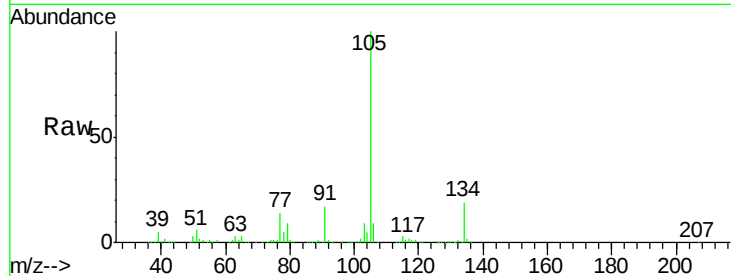




#85
 sec-Butylbenzene
 Concen: 21.575 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

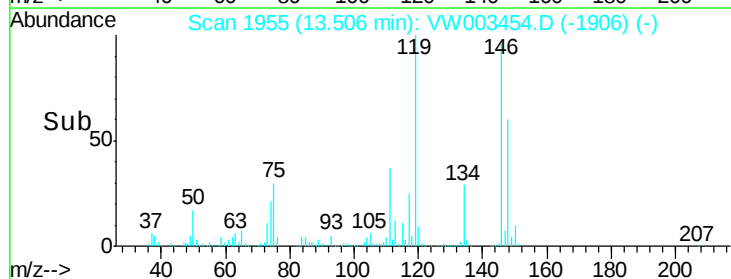
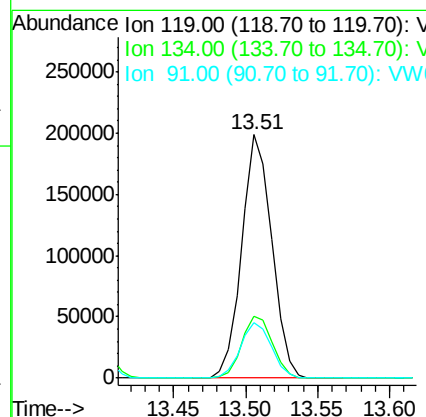
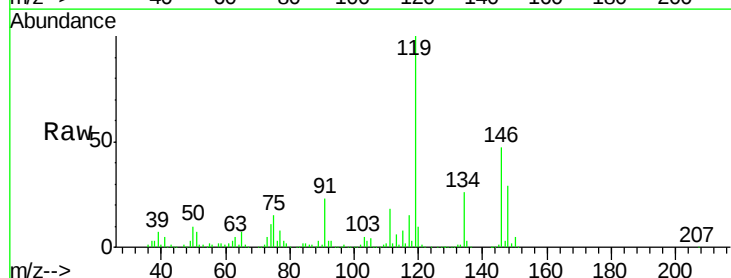
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

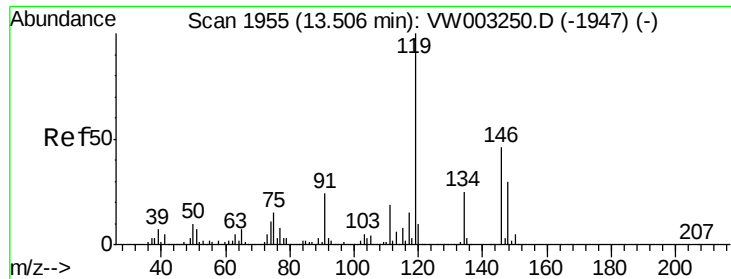
Tgt Ion:105 Resp: 328199
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.444 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

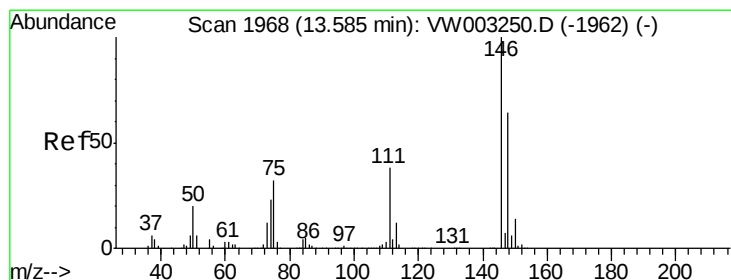
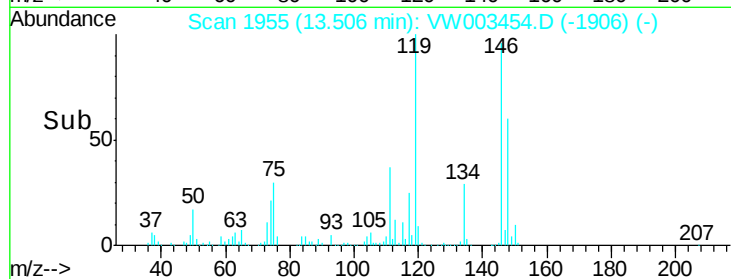
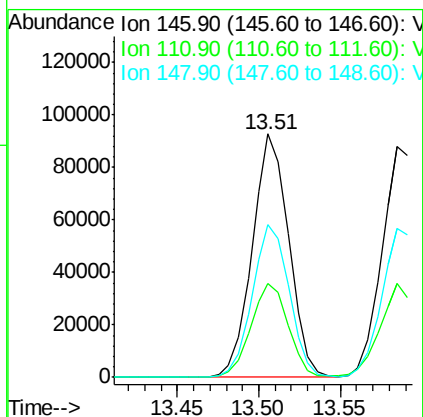
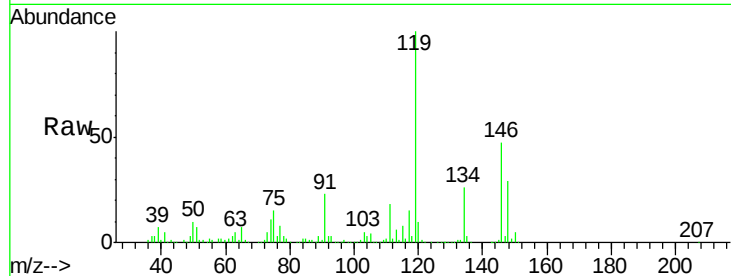




#87
 1,3-Dichlorobenzene
 Concen: 21.117 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

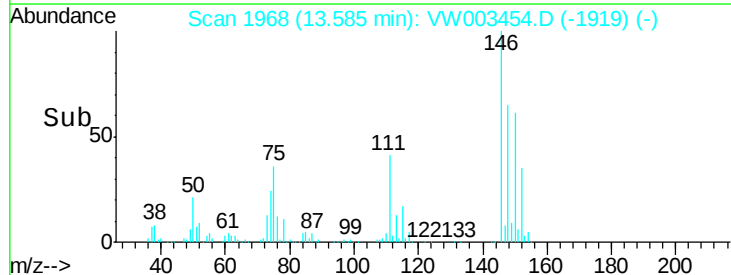
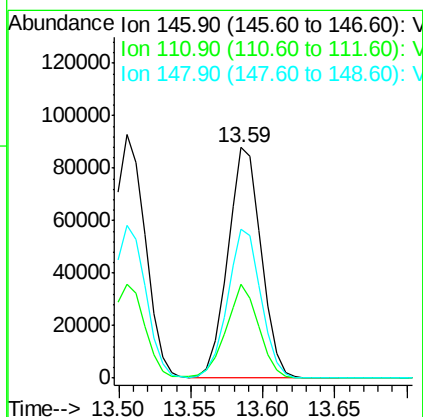
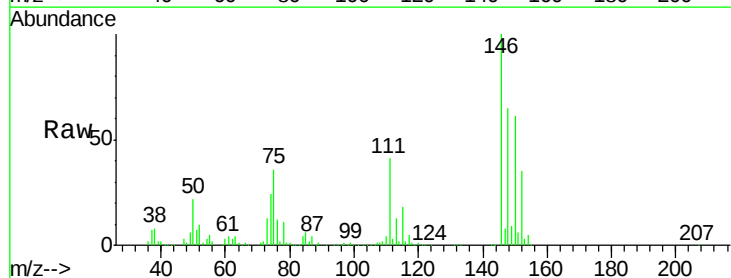
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

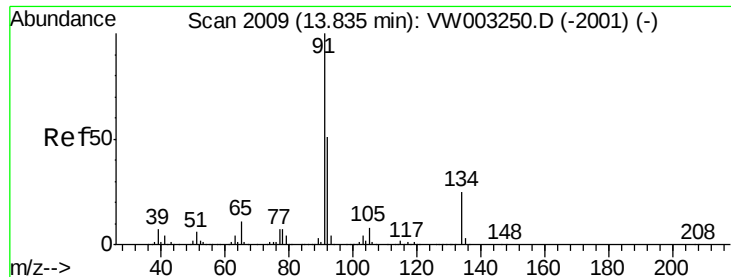
Tgt Ion:146 Resp: 144540
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.4
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.883 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:146 Resp: 142105
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.2 57.6
 148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 21.550 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

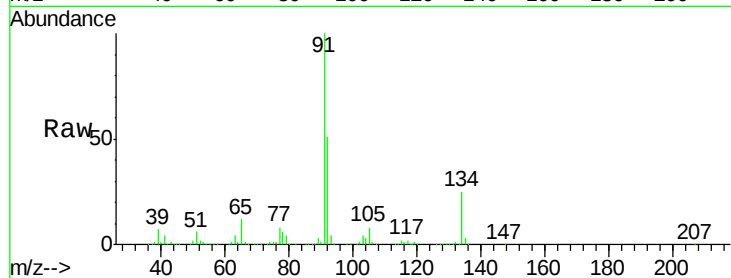
Tgt Ion: 91 Resp: 281837

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

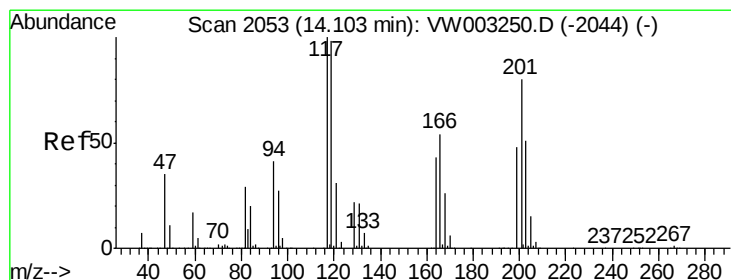
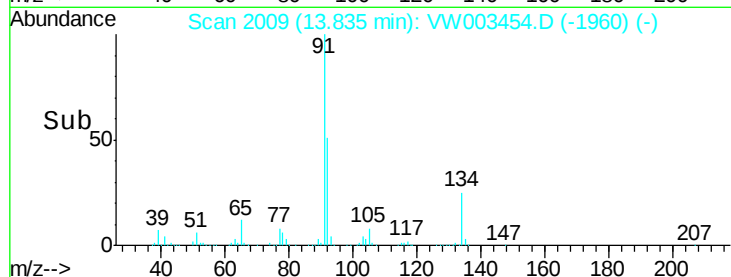
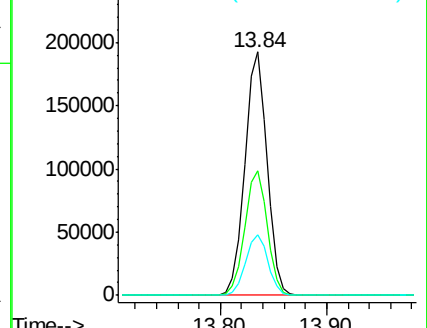
134 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.264 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003454.D

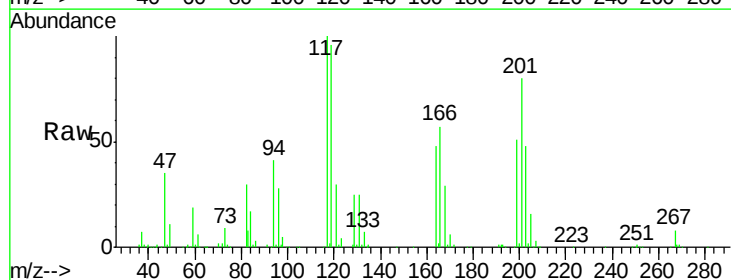
Acq: 23 Jun 2018 12:36

Tgt Ion: 117 Resp: 51611

Ion Ratio Lower Upper

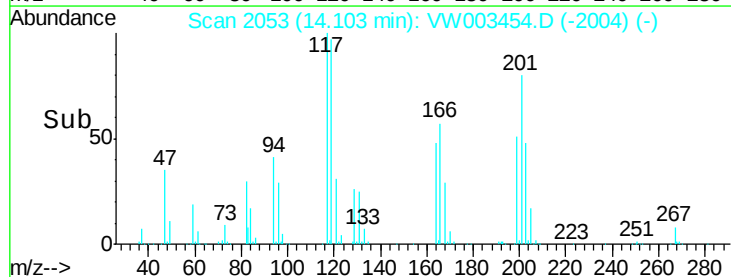
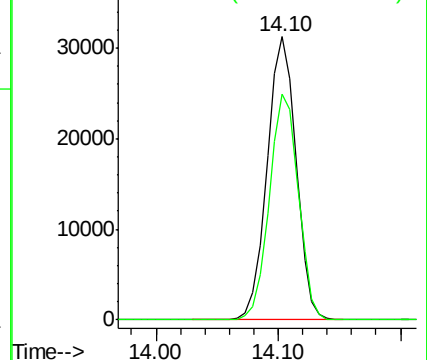
117 100

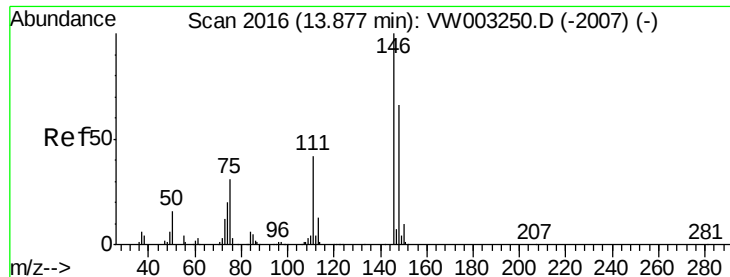
201 79.5 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

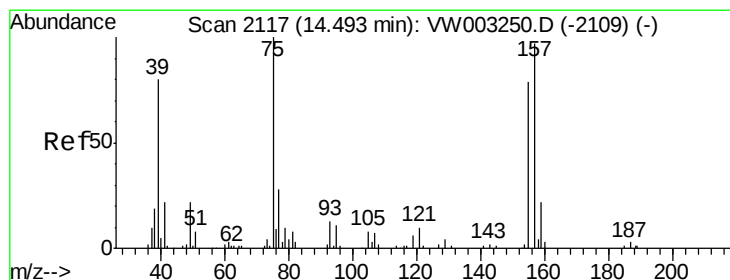
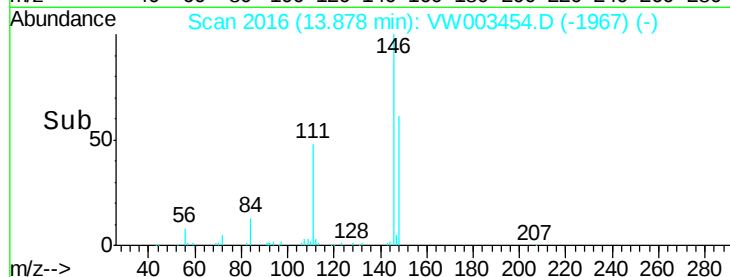
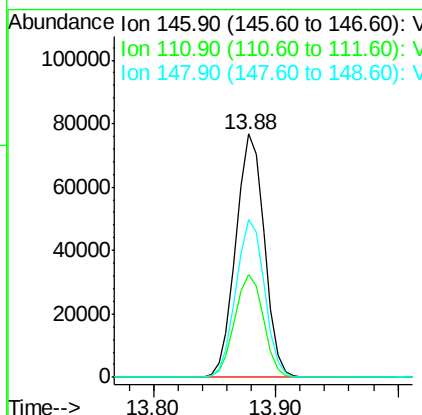
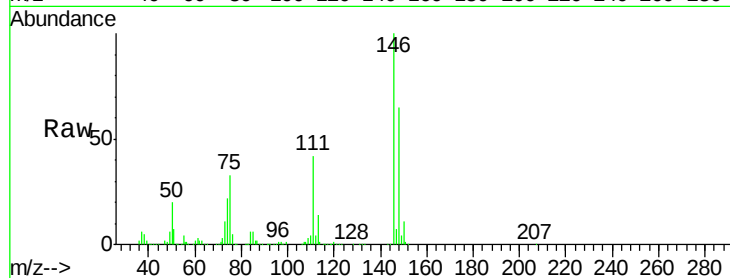




#91
 1,2-Dichlorobenzene
 Concen: 20.612 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

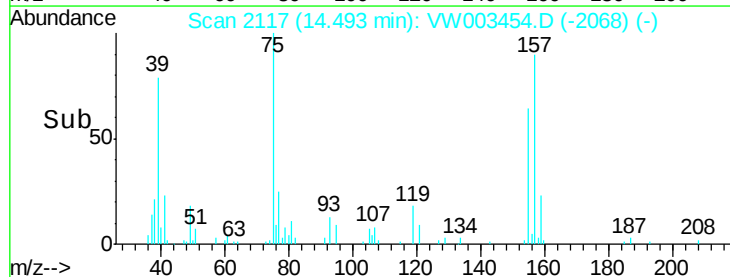
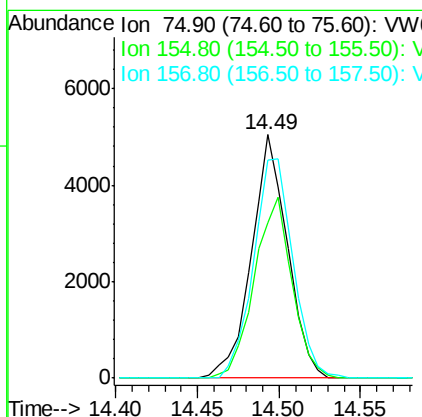
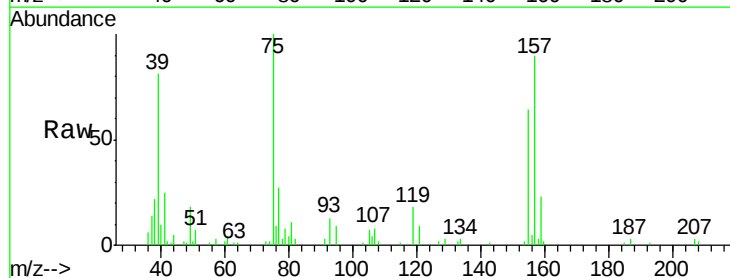
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

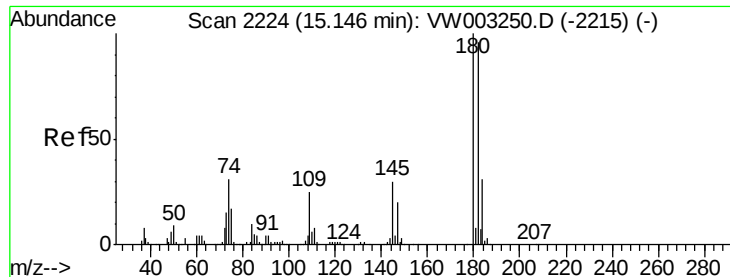
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.3	61.0
148	64.9	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.948 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

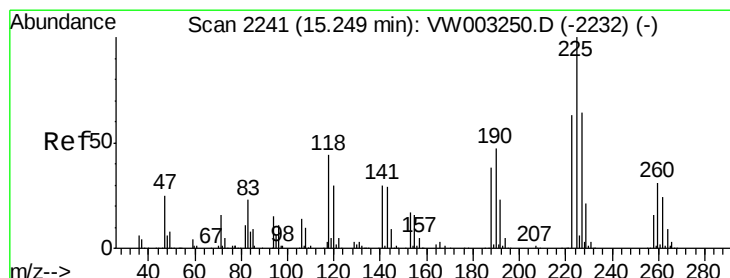
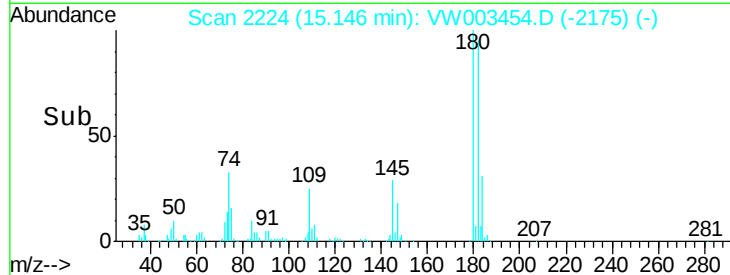
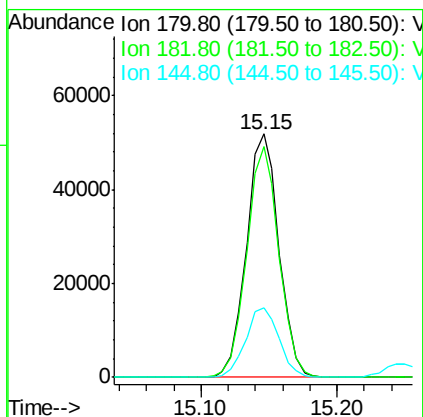
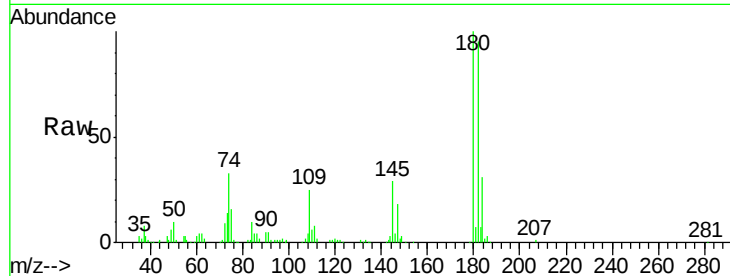




#93
 1,2,4-Trichlorobenzene
 Concen: 20.551 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003454.D
 Acq: 23 Jun 2018 12:36

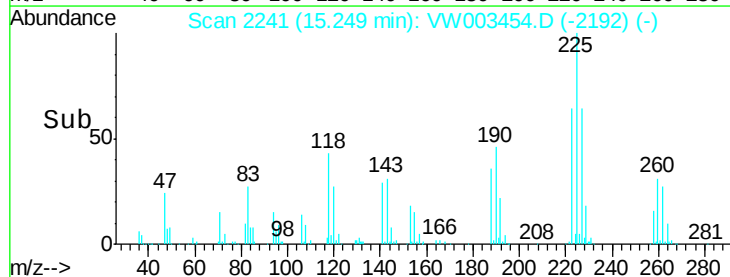
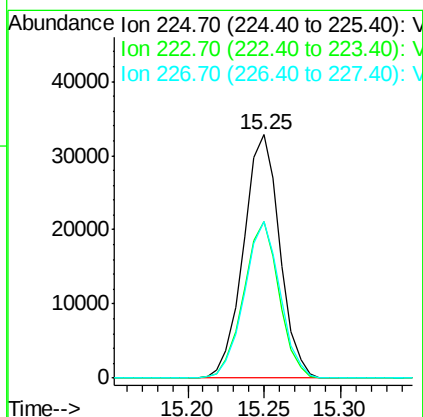
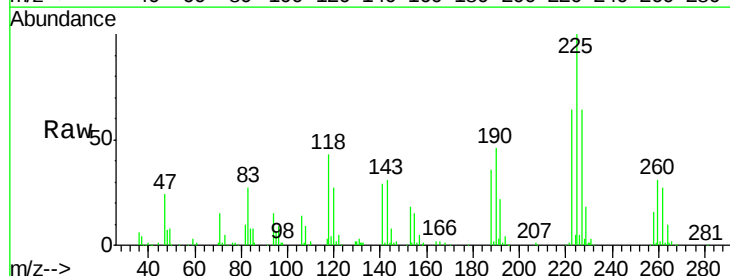
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS01

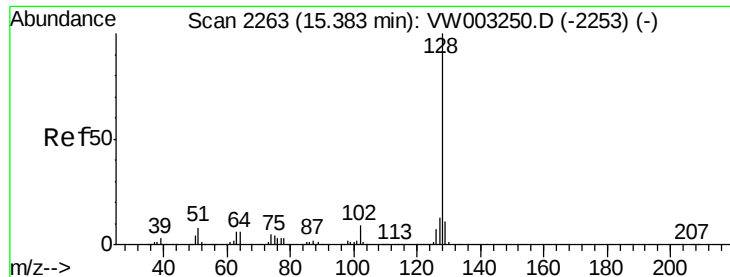
Tgt Ion:180 Resp: 86501
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.9 143.6
 145 29.5 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 21.330 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:225 Resp: 54007
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.6 92.0
 227 63.5 31.7 95.1





#95

Naphthalene

Concen: 18.697 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

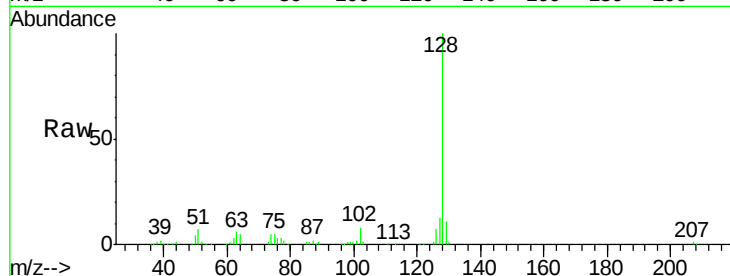
Tgt Ion:128 Resp: 133496

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

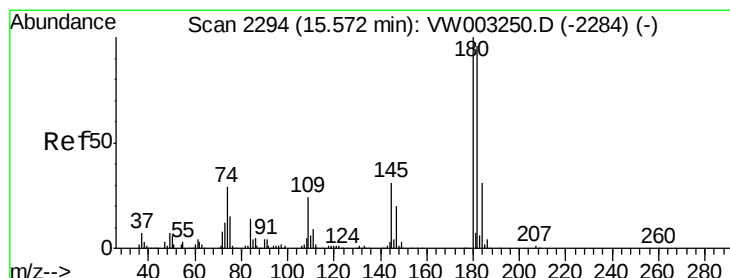
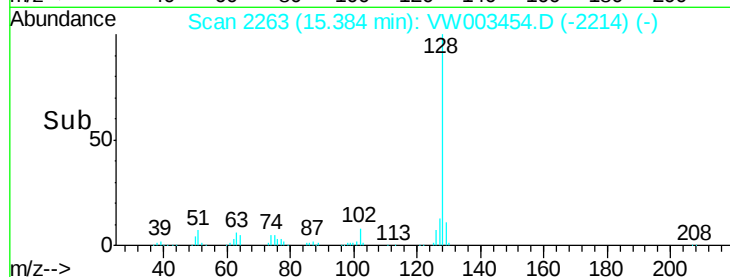
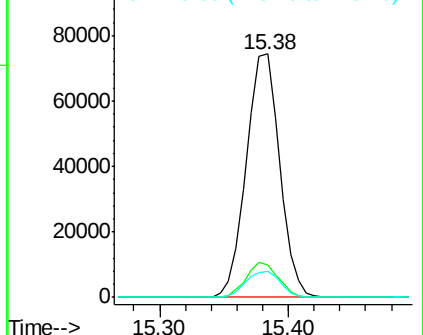
129 11.1 8.9 13.3



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: 19.874 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003454.D

Acq: 23 Jun 2018 12:36

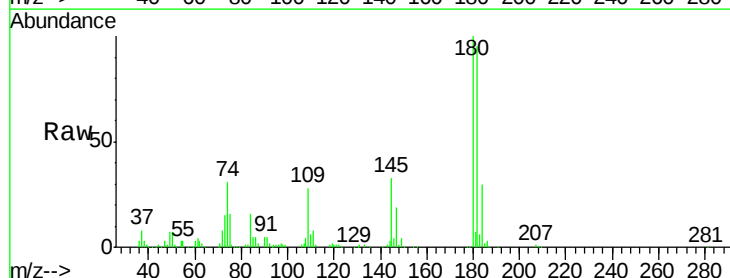
Tgt Ion:180 Resp: 73632

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

