

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003480.D
 Acq On : 24 Jun 2018 01:29
 Operator : SY/AP
 Sample : VW0623SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

Quant Time: Jun 25 02:42:40 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	257571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	408871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	200028	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	139822	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
35) Dibromofluoromethane	7.89	113	123560	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	10.33	98	496875	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.63	95	176278	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	21547	27.671	ug/l	92
3) Chloromethane	2.21	50	40072	20.367	ug/l	98
4) Vinyl Chloride	2.36	62	55120	19.218	ug/l	99
5) Bromomethane	2.78	94	35540	18.643	ug/l	100
6) Chloroethane	2.92	64	38157	19.112	ug/l	95
7) Trichlorofluoromethane	3.25	101	33952	19.760	ug/l	95
8) Diethyl Ether	3.68	74	26164	20.728	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48382	20.278	ug/l	96
10) Methyl Iodide	4.26	142	74833	20.738	ug/l	99
11) Tert butyl alcohol	5.24	59	8054	53.828	ug/l #	77
12) 1,1-Dichloroethene	4.03	96	47551	20.394	ug/l	97
13) Acrolein	3.90	56	15901	74.331	ug/l	96
14) Allyl chloride	4.66	41	83325	20.631	ug/l	99
15) Acrylonitrile	5.37	53	57147	110.040	ug/l	98
16) Acetone	4.14	43	57566	98.383	ug/l	97
17) Carbon Disulfide	4.37	76	139141	20.185	ug/l	99
18) Methyl Acetate	4.68	43	29922	21.556	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	92695	21.226	ug/l	99
20) Methylene Chloride	4.91	84	57681	21.083	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	51932	20.465	ug/l	94
22) Diisopropyl ether	6.32	45	173634	21.361	ug/l	97
23) Vinyl Acetate	6.26	43	476672	101.762	ug/l	99
24) 1,1-Dichloroethane	6.21	63	102189	21.177	ug/l	99
25) 2-Butanone	7.18	43	77833	106.974	ug/l	94
26) 2,2-Dichloropropane	7.17	77	60939	18.922	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	58917	21.135	ug/l	99
28) Bromochloromethane	7.51	49	39457	19.649	ug/l	95
29) Tetrahydrofuran	7.54	42	47745	107.370	ug/l	99
30) Chloroform	7.68	83	103244	21.001	ug/l	99
31) Cyclohexane	7.96	56	88786	19.694	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	83915	20.679	ug/l	98
36) 1,1-Dichloropropene	8.09	75	79113	20.036	ug/l	100
37) Ethyl Acetate	7.26	43	34671	21.195	ug/l	99
38) Carbon Tetrachloride	8.07	117	77097	19.905	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87206	19.087	ug/l	97
40) Benzene	8.32	78	223360	20.522	ug/l	99
41) Methacrylonitrile	7.49	41	20887	20.807	ug/l	99
42) 1,2-Dichloroethane	8.40	62	71522	20.974	ug/l	98
43) Isopropyl Acetate	8.43	43	66887	20.592	ug/l	99
44) Trichloroethene	9.10	130	57825	20.050	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57601	20.785	ug/l	95
46) Dibromomethane	9.46	93	28782	20.286	ug/l	98
47) Bromodichloromethane	9.65	83	74380	20.452	ug/l	99
48) Methyl methacrylate	9.44	41	31748	20.798	ug/l	98
49) 1,4-Dioxane	9.49	88	9875	460.961	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	170988	103.310	ug/l	100
52) Toluene	10.39	92	144331	20.679	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73475	19.778	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	84332	19.944	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	41320	20.667	ug/l	99
56) Ethyl methacrylate	10.65	69	48696	20.057	ug/l	96
57) 1,3-Dichloropropane	10.94	76	71891	20.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	117004	107.506	ug/l	98
59) 2-Hexanone	10.98	43	118153	102.188	ug/l	99
60) Dibromochloromethane	11.13	129	47453	19.958	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39541	20.908	ug/l	98
64) Tetrachloroethene	10.87	164	53933	21.380	ug/l	98
65) Chlorobenzene	11.66	112	158126	20.134	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	55239	20.015	ug/l	100
67) Ethyl Benzene	11.74	91	278118	19.977	ug/l	100
68) m/p-Xylenes	11.85	106	212446	40.144	ug/l	99
69) o-Xylene	12.17	106	99136	20.213	ug/l	99
70) Styrene	12.19	104	165917	20.324	ug/l	99
71) Bromoform	12.35	173	27689	19.358	ug/l #	100
73) Isopropylbenzene	12.47	105	276293	19.859	ug/l	99
74) N-amyl acetate	12.28	43	63821	20.154	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47669	20.252	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	63938	37.390	ug/l #	100
77) Bromobenzene	12.76	156	64752	19.984	ug/l	97
78) n-propylbenzene	12.81	91	342708	20.117	ug/l	100
79) 2-Chlorotoluene	12.90	91	195391	20.295	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	236646	20.264	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13502	18.169	ug/l	97
82) 4-Chlorotoluene	13.00	91	206523	20.222	ug/l	99
83) tert-Butylbenzene	13.21	119	200598	20.156	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	242626	20.197	ug/l	100
85) sec-Butylbenzene	13.39	105	296118	20.017	ug/l	99
86) p-Isopropyltoluene	13.51	119	258589	19.819	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	131008	19.682	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	131519	19.875	ug/l	99
89) n-Butylbenzene	13.83	91	247866	19.489	ug/l	99
90) Hexachloroethane	14.10	117	47165	19.983	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	118300	20.289	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8101	20.452	ug/l	98

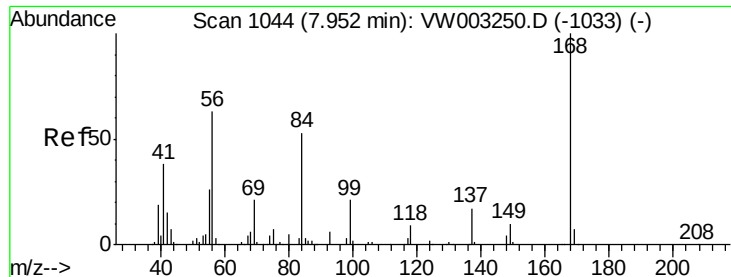
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	81229	19.845	ug/l	98
94) Hexachlorobutadiene	15.25	225	47844	19.432	ug/l	99
95) Naphthalene	15.38	128	139876	20.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71581	19.868	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: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

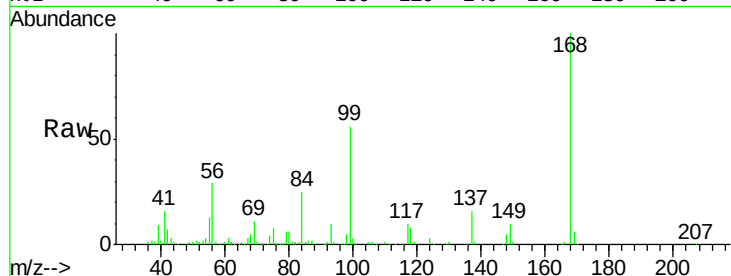
VW0623SBSD02

Tgt Ion:168 Resp: 257571

Ion Ratio Lower Upper

168 100

99 55.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

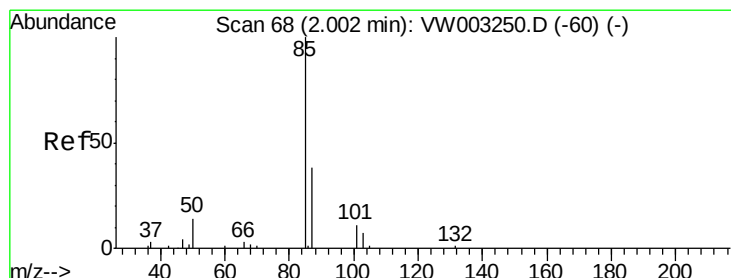
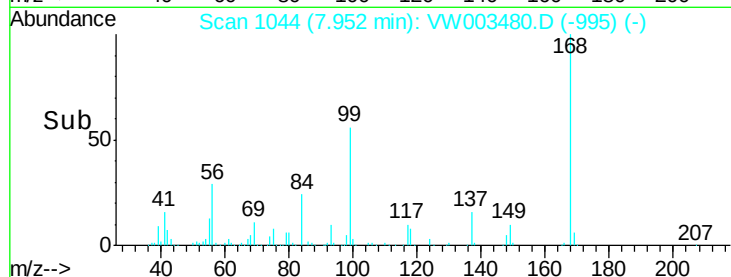
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 27.671 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003480.D

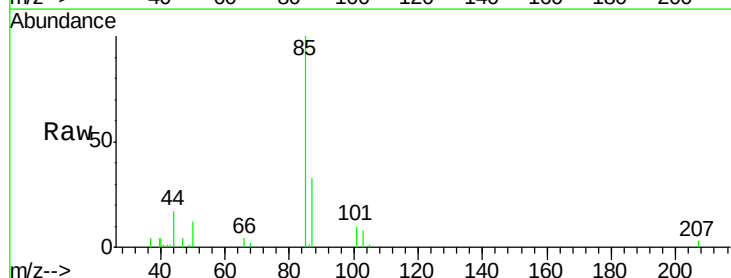
Acq: 24 Jun 2018 01:29

Tgt Ion: 85 Resp: 21547

Ion Ratio Lower Upper

85 100

87 33.1 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

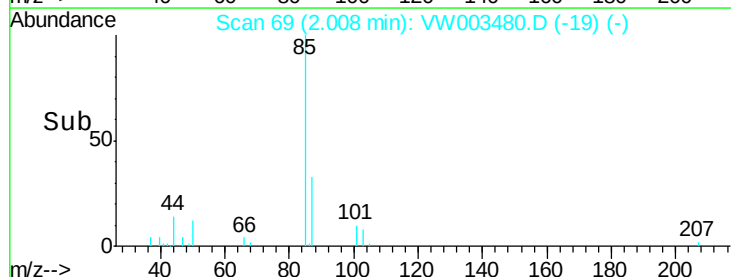
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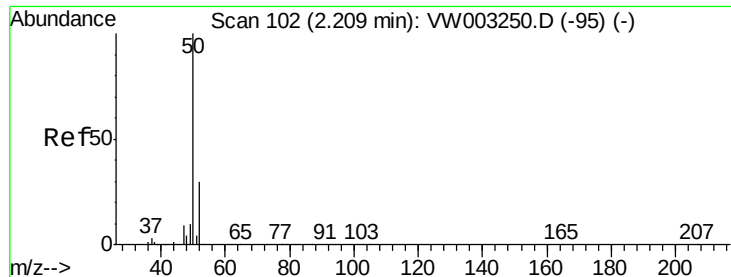
4000

2000

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Time-->





#3

Chloromethane

Concen: 20.367 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

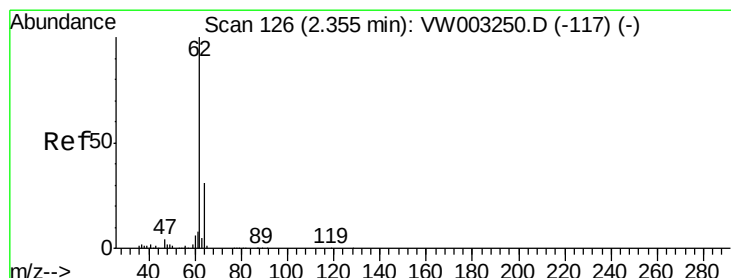
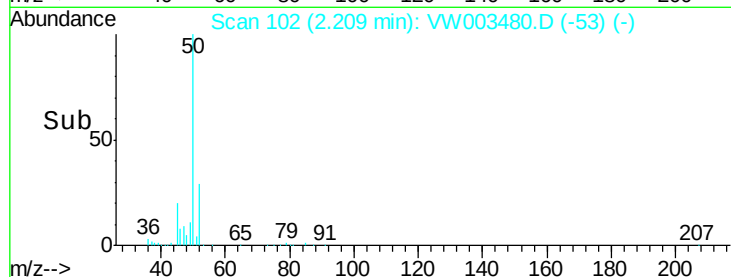
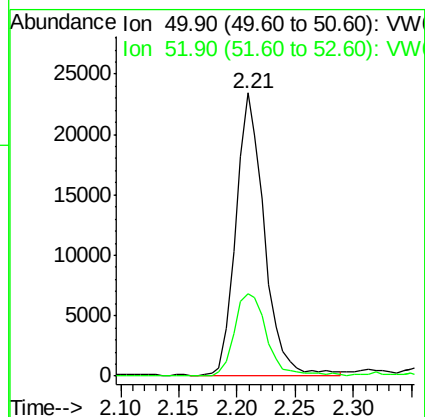
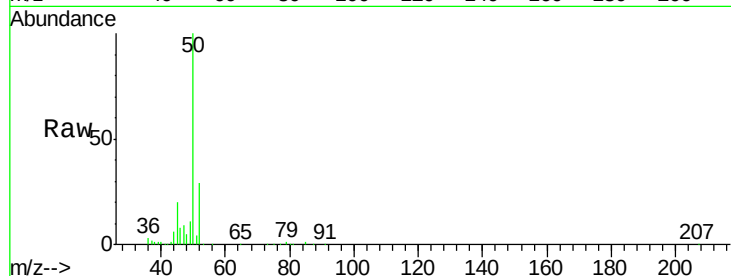
VW0623SBSD02

Tgt Ion: 50 Resp: 40072

Ion Ratio Lower Upper

50 100

52 29.0 24.2 36.2



#4

Vinyl Chloride

Concen: 19.218 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003480.D

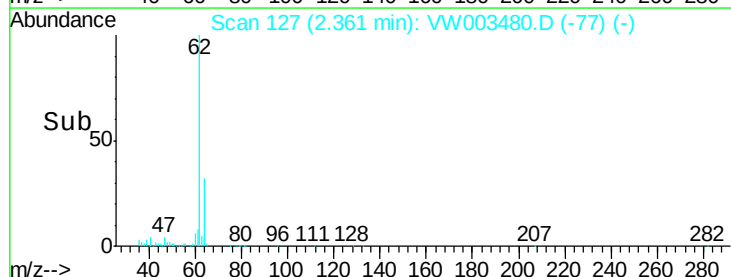
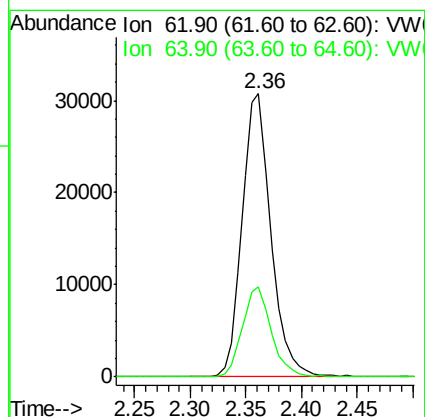
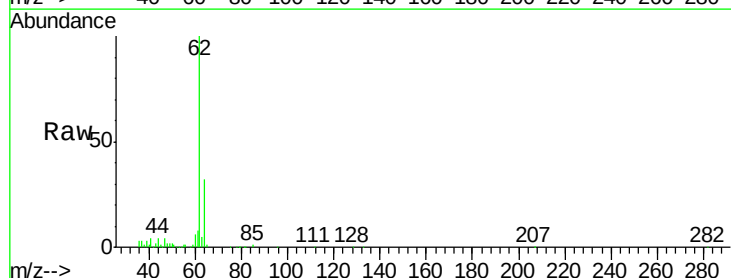
Acq: 24 Jun 2018 01:29

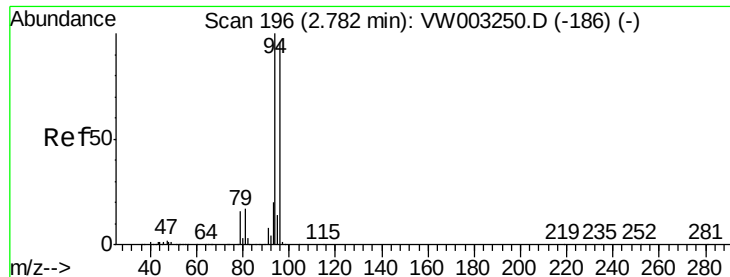
Tgt Ion: 62 Resp: 55120

Ion Ratio Lower Upper

62 100

64 31.8 24.9 37.3





#5

Bromomethane

Concen: 18.643 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

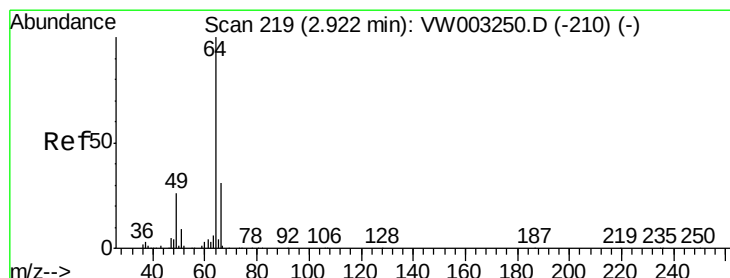
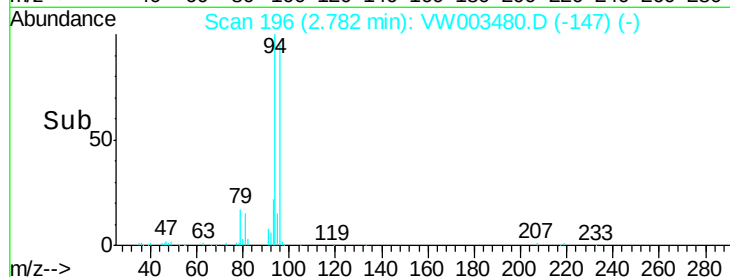
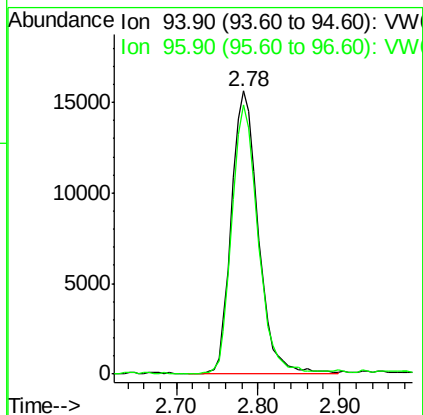
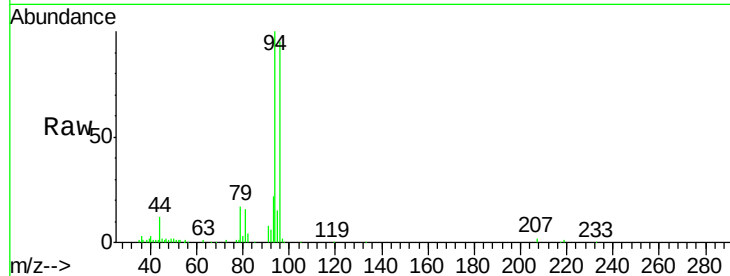
VW0623SBSD02

Tgt Ion: 94 Resp: 35540

Ion Ratio Lower Upper

94 100

96 95.1 76.5 114.7



#6

Chloroethane

Concen: 19.112 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003480.D

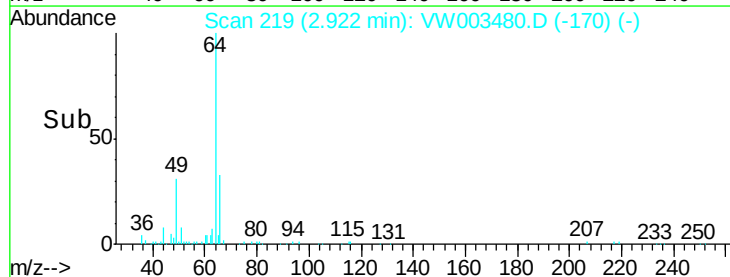
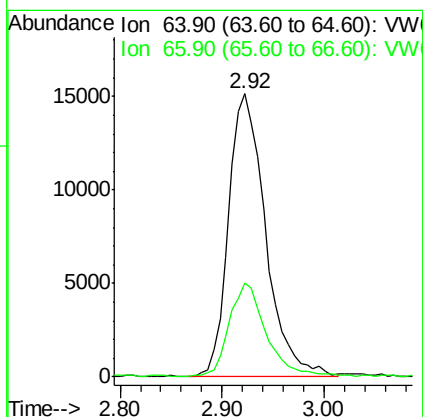
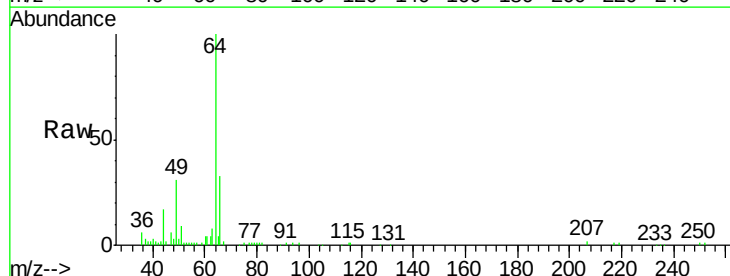
Acq: 24 Jun 2018 01:29

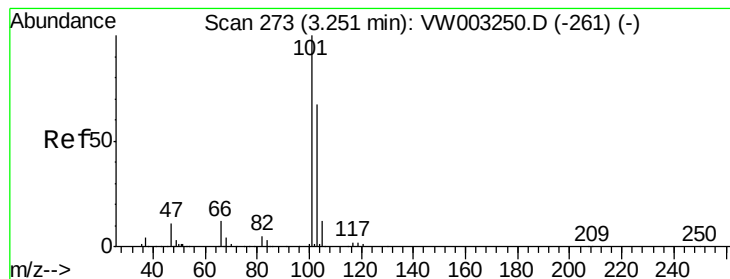
Tgt Ion: 64 Resp: 38157

Ion Ratio Lower Upper

64 100

66 33.0 24.4 36.6



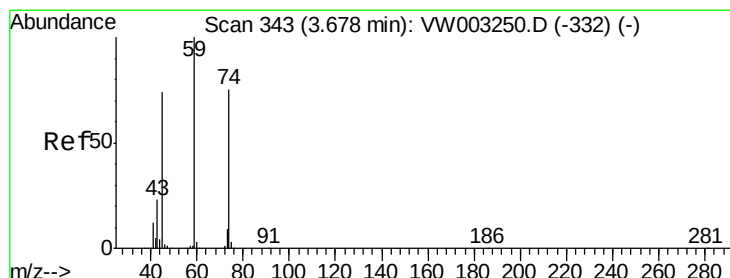
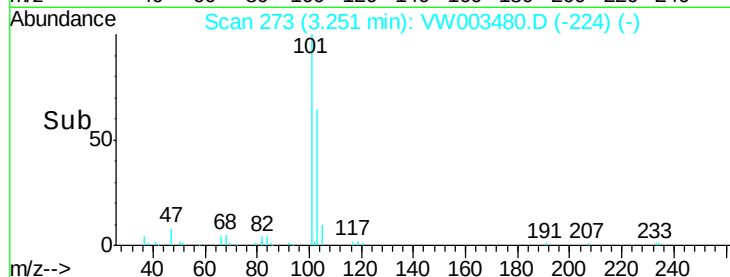
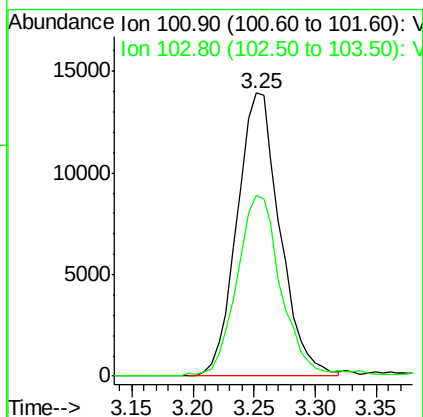
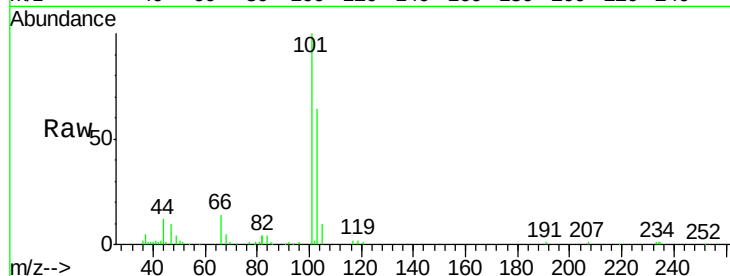


#7

Trichlorofluoromethane
 Concen: 19.760 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

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 MSVOA_W
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 VW0623SBS02

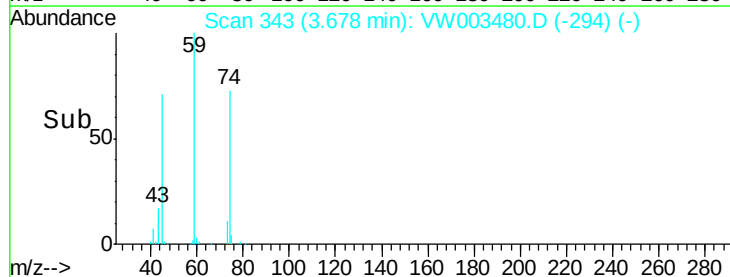
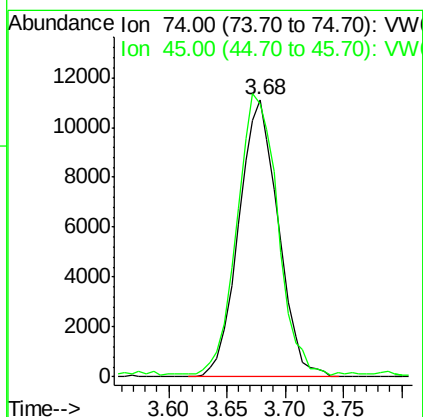
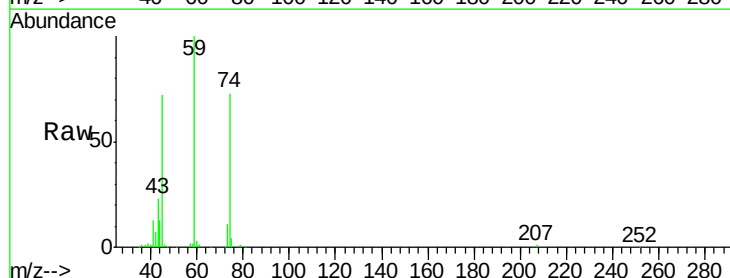
Tgt Ion:101 Resp: 33952
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.4 80.0

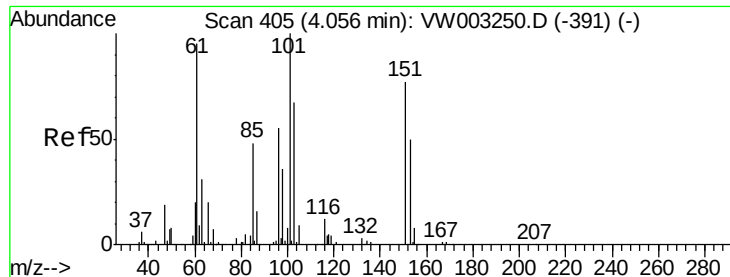


#8

Diethyl Ether
 Concen: 20.728 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion: 74 Resp: 26164
 Ion Ratio Lower Upper
 74 100
 45 103.9 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.278 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD02

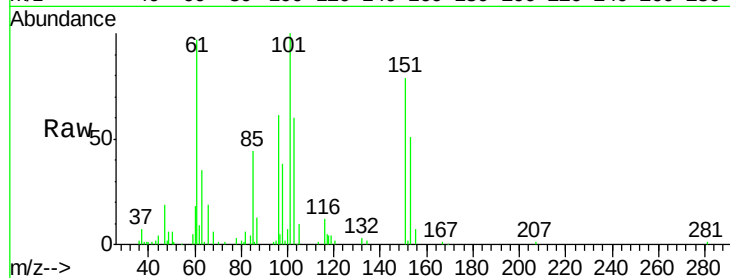
Tgt Ion:101 Resp: 48382

Ion Ratio Lower Upper

101 100

85 41.9 37.0 55.6

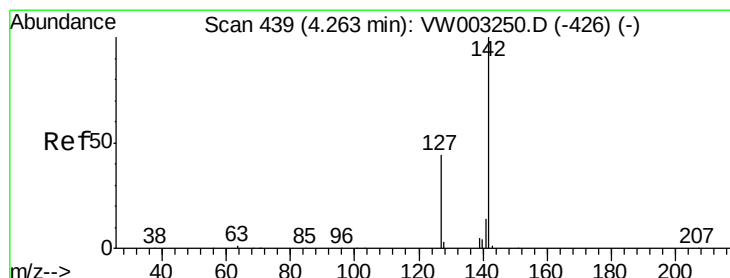
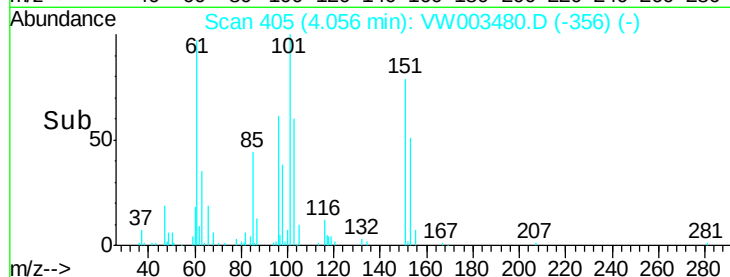
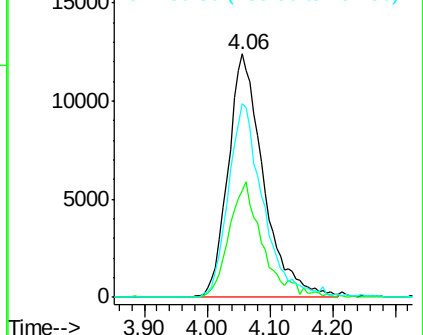
151 77.4 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.738 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

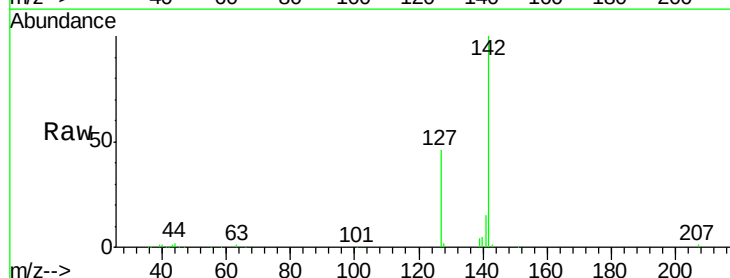
Tgt Ion:142 Resp: 74833

Ion Ratio Lower Upper

142 100

127 45.3 36.5 54.7

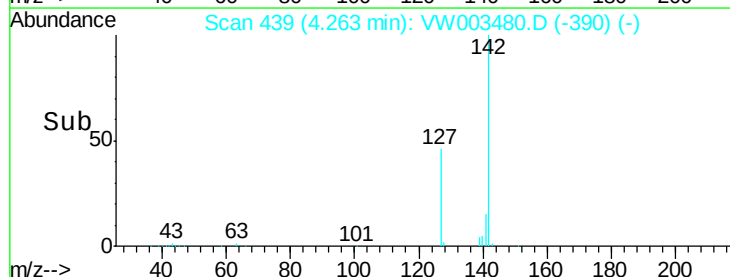
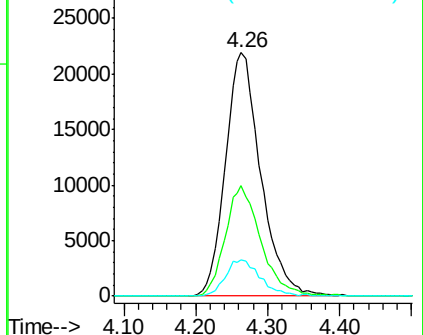
141 14.6 12.1 18.1

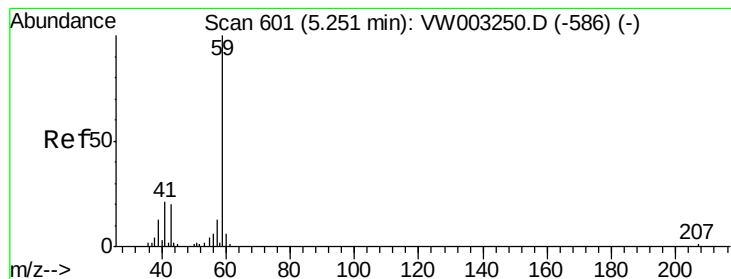


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 53.828 ug/l

RT: 5.24 min Scan# 599

Delta R.T. -0.01 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

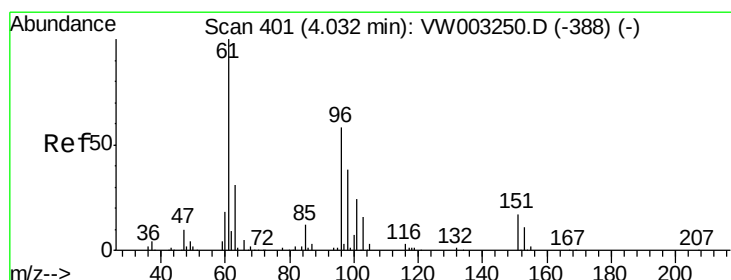
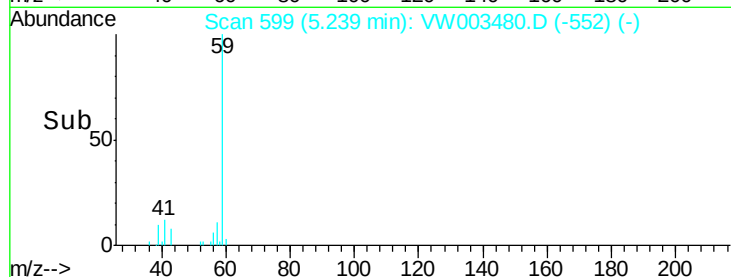
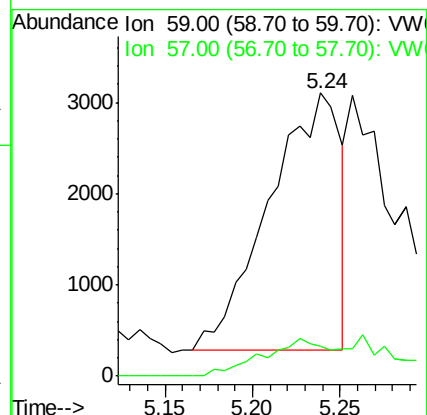
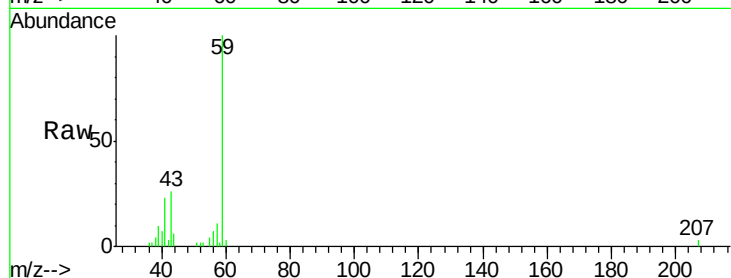
VW0623SBSD02

Tgt Ion: 59 Resp: 8054

Ion Ratio Lower Upper

59 100

57 12.9 4.2 6.2#



#12

1,1-Dichloroethene

Concen: 20.394 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

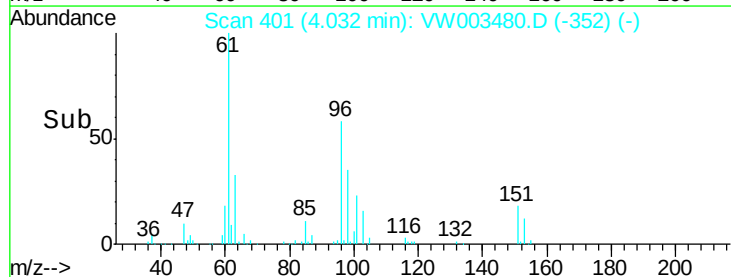
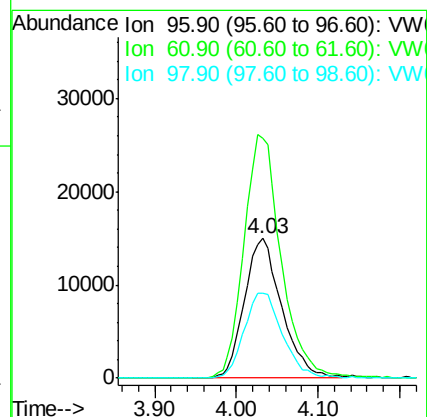
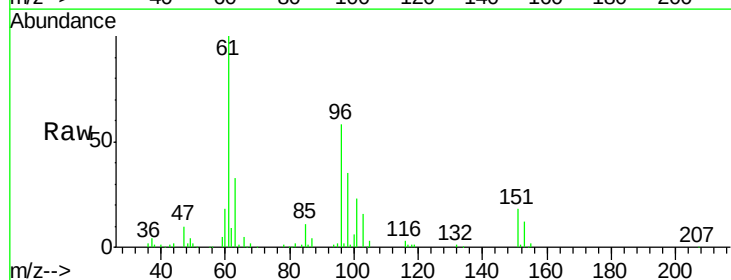
Tgt Ion: 96 Resp: 47551

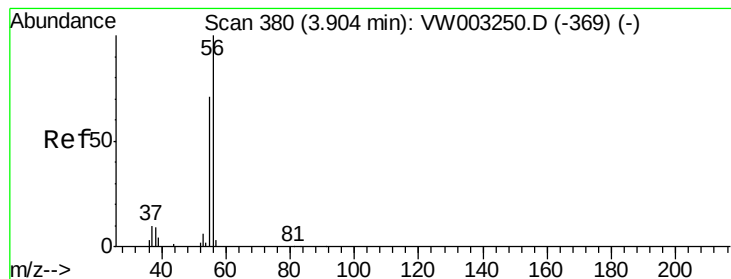
Ion Ratio Lower Upper

96 100

61 172.0 139.0 208.4

98 60.7 53.3 79.9





#13

Acrolein

Concen: 74.331 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

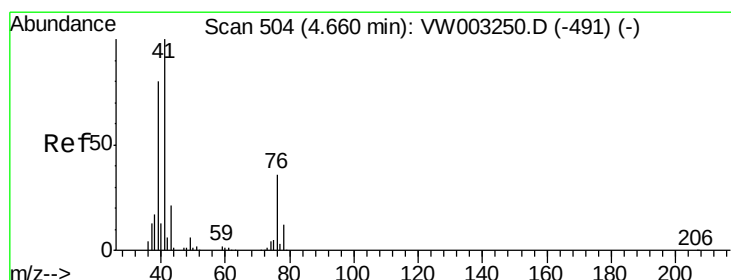
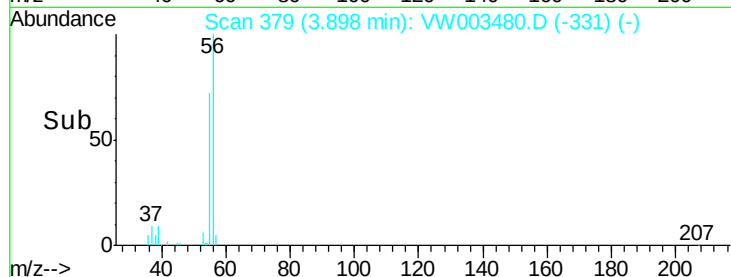
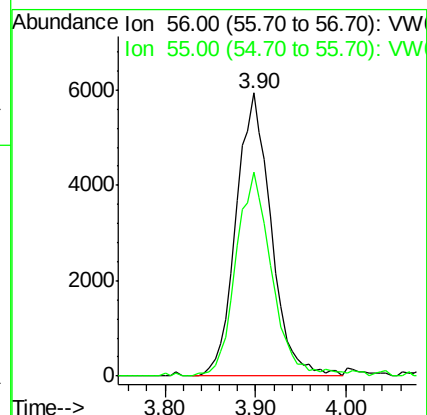
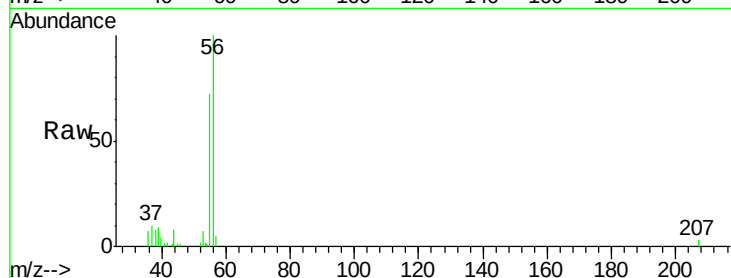
VW0623SBSD02

Tgt Ion: 56 Resp: 15901

Ion Ratio Lower Upper

56 100

55 72.6 55.4 83.2



#14

Allyl chloride

Concen: 20.631 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

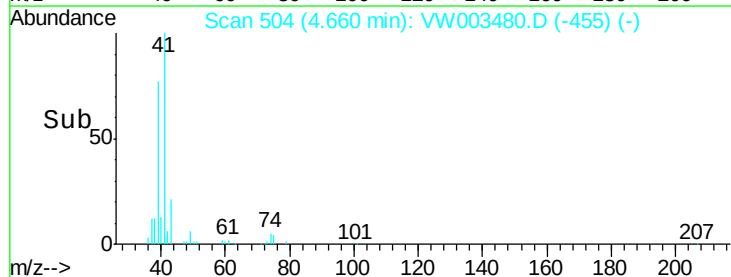
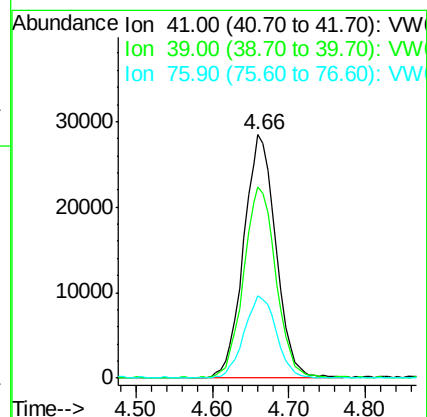
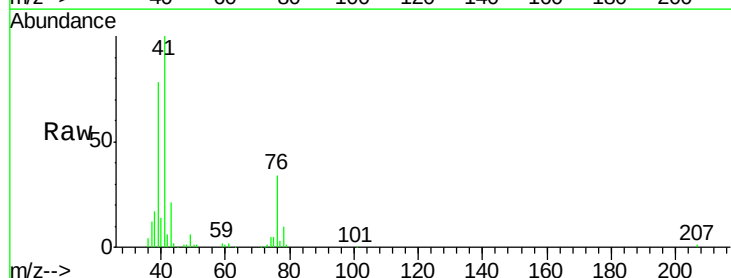
Tgt Ion: 41 Resp: 83325

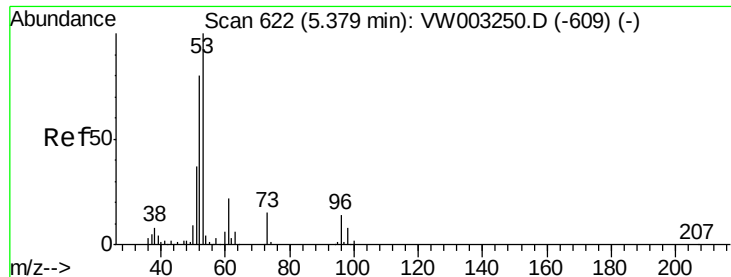
Ion Ratio Lower Upper

41 100

39 78.9 63.2 94.8

76 33.8 28.0 42.0





#15

Acrylonitrile

Concen: 110.040 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD02

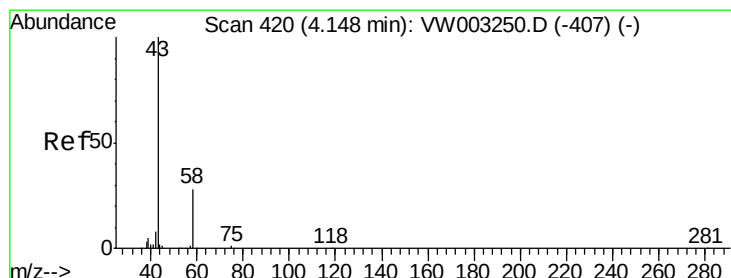
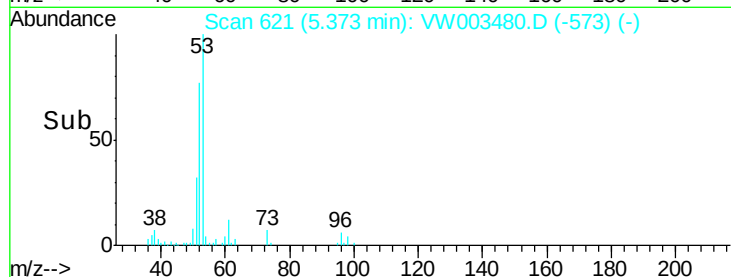
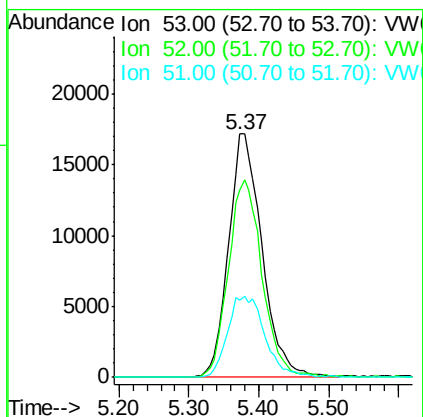
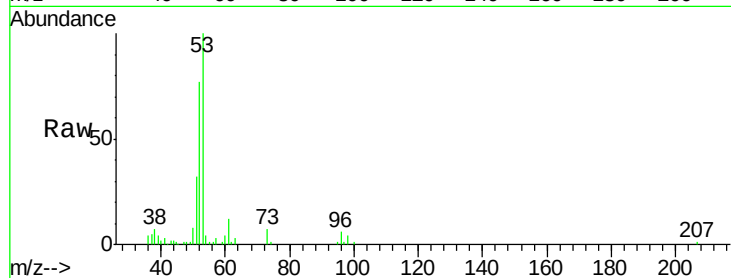
Tgt Ion: 53 Resp: 57147

Ion Ratio Lower Upper

53 100

52 81.4 66.6 100.0

51 37.1 30.6 46.0



#16

Acetone

Concen: 98.383 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003480.D

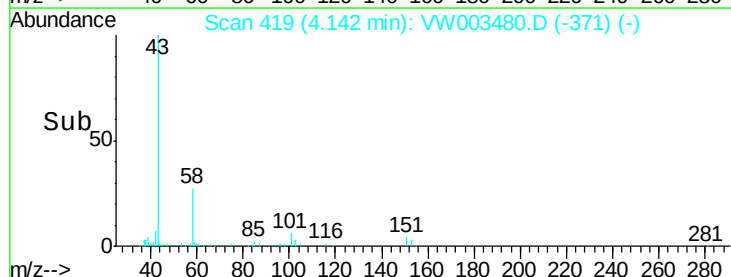
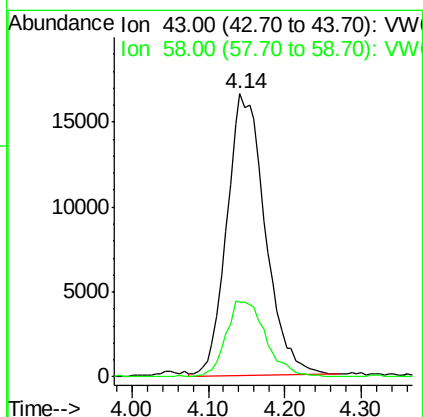
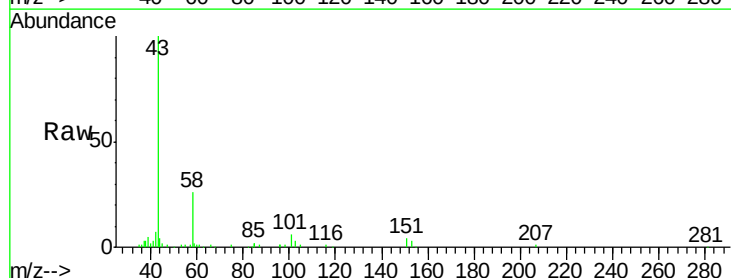
Acq: 24 Jun 2018 01:29

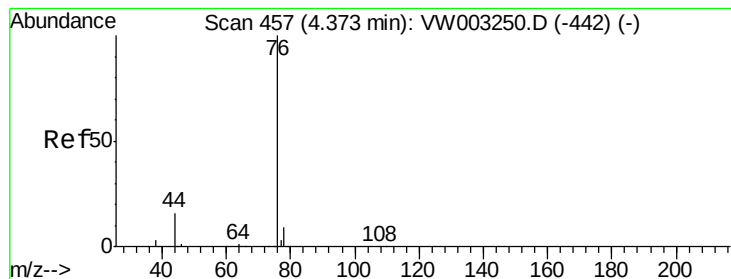
Tgt Ion: 43 Resp: 57566

Ion Ratio Lower Upper

43 100

58 26.7 22.6 34.0





#17

Carbon Disulfide

Concen: 20.185 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

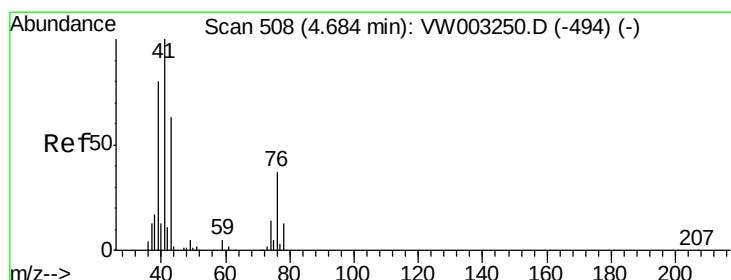
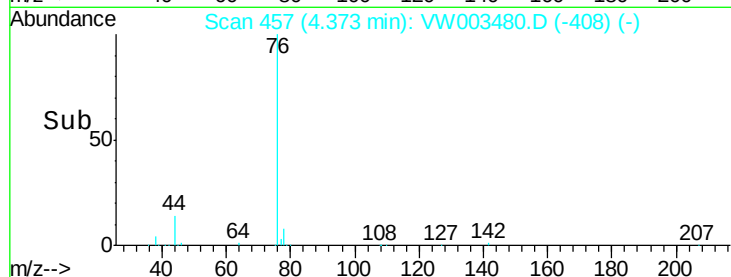
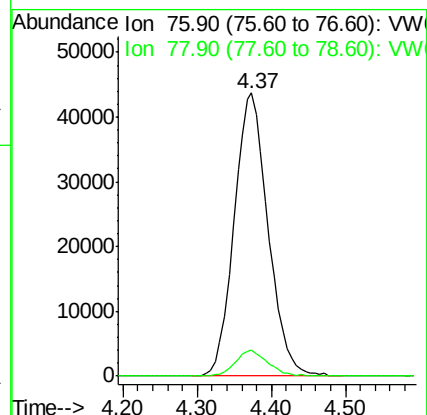
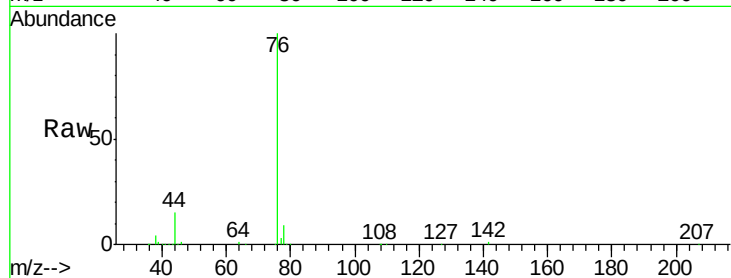
VW0623SBSD02

Tgt Ion: 76 Resp: 139141

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#18

Methyl Acetate

Concen: 21.556 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003480.D

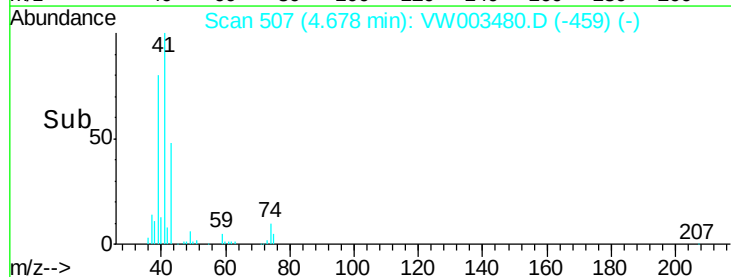
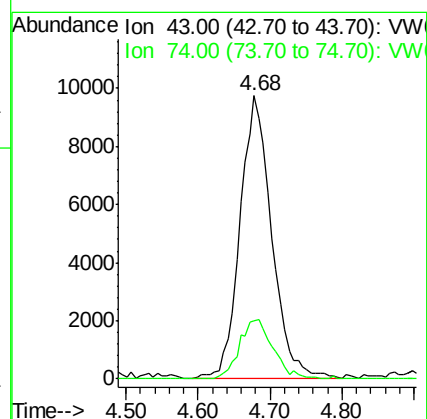
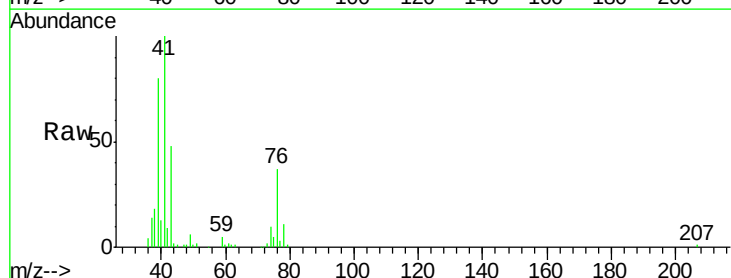
Acq: 24 Jun 2018 01:29

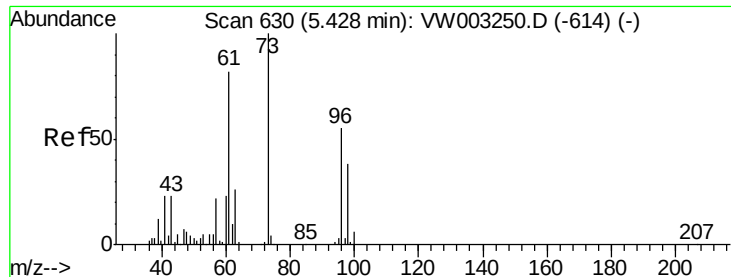
Tgt Ion: 43 Resp: 29922

Ion Ratio Lower Upper

43 100

74 22.1 18.7 28.1

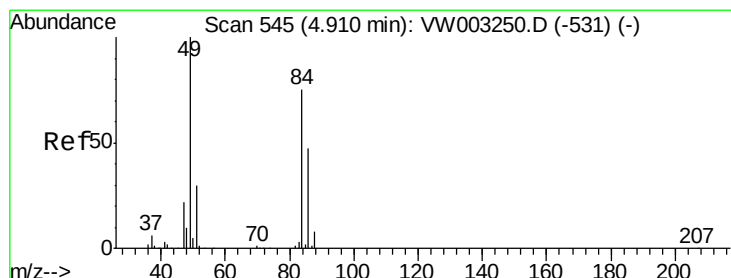
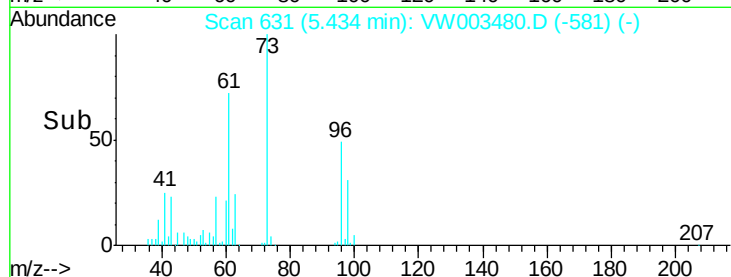
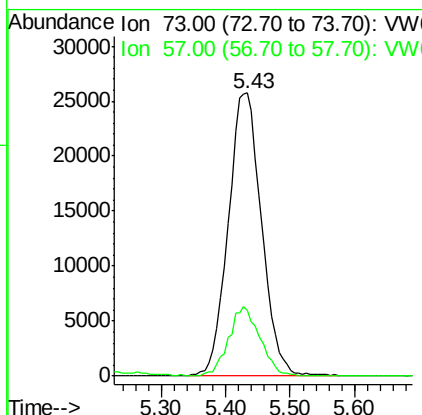
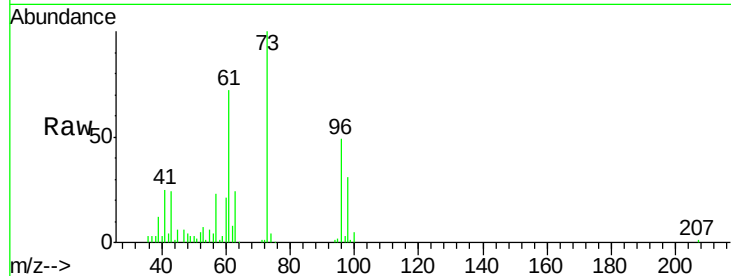




#19
Methyl tert-butyl Ether
Concen: 21.226 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

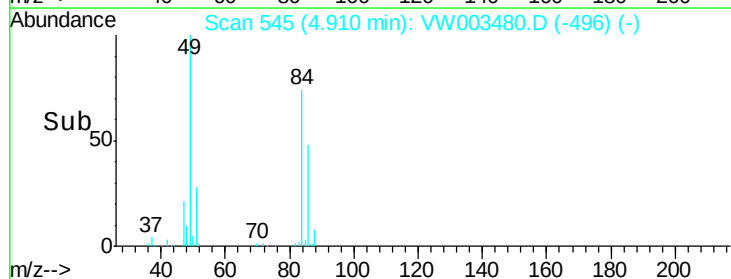
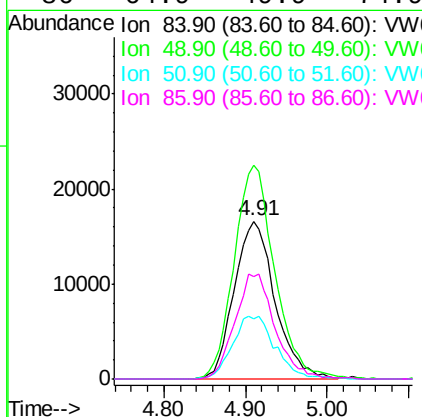
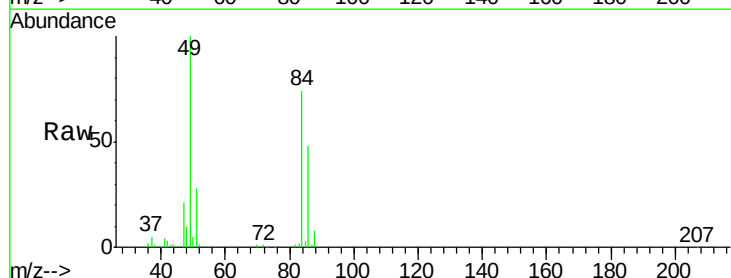
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD02

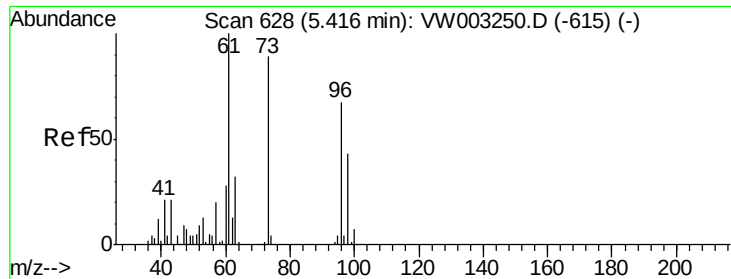
Tgt Ion: 73 Resp: 92695
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0



#20
Methylene Chloride
Concen: 21.083 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion: 84 Resp: 57681
Ion Ratio Lower Upper
84 100
49 135.6 106.3 159.5
51 37.8 32.0 48.0
86 64.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.465 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD02

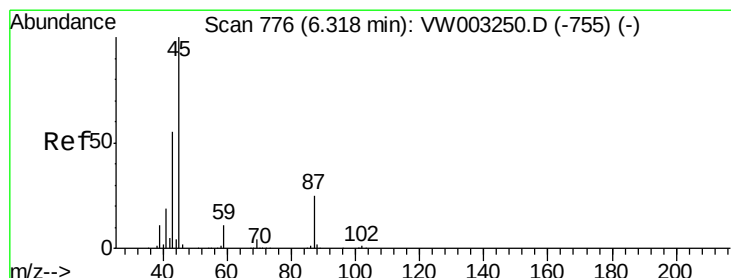
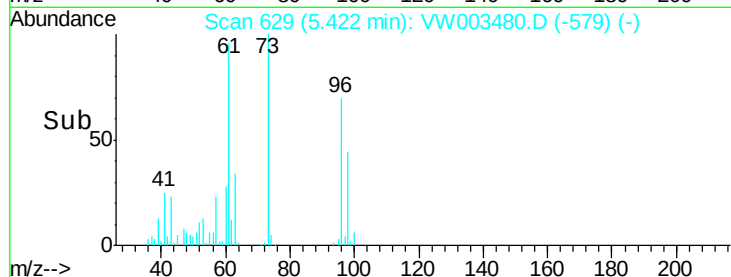
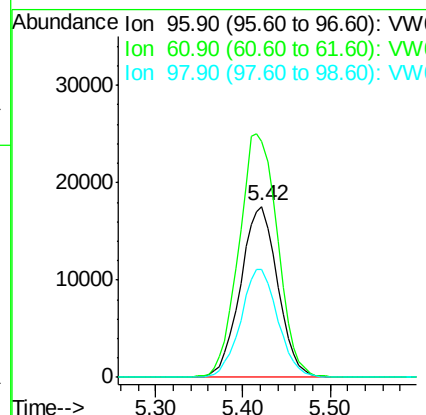
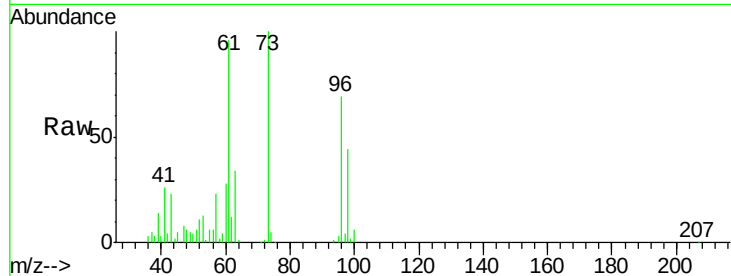
Tgt Ion: 96 Resp: 51932

Ion Ratio Lower Upper

96 100

61 138.4 118.7 178.1

98 63.3 51.0 76.6



#22

Diisopropyl ether

Concen: 21.361 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Tgt Ion: 45 Resp: 173634

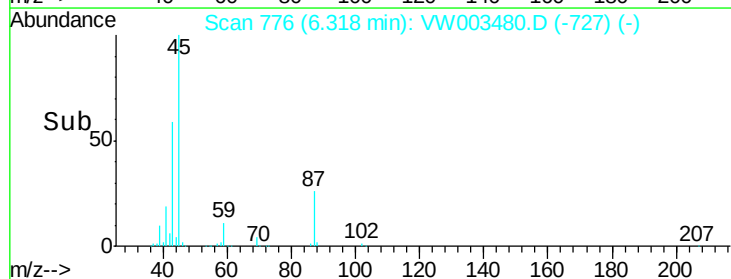
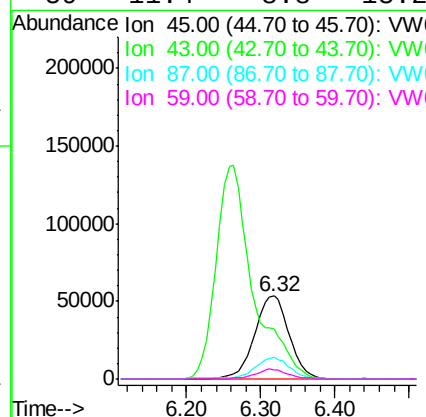
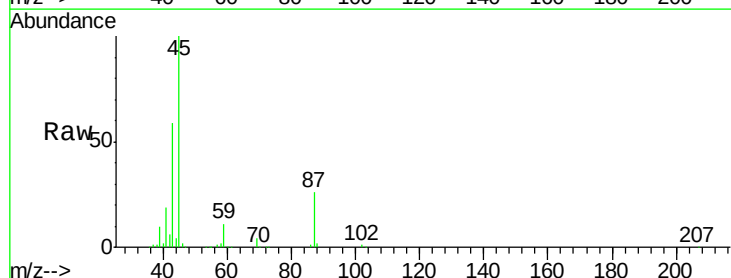
Ion Ratio Lower Upper

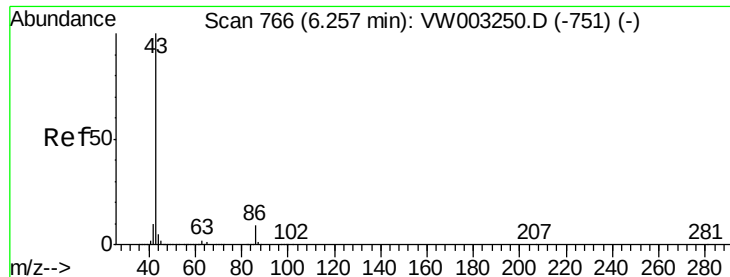
45 100

43 58.6 44.0 66.0

87 26.2 20.6 31.0

59 11.4 8.8 13.2





#23

Vinyl Acetate

Concen: 101.762 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

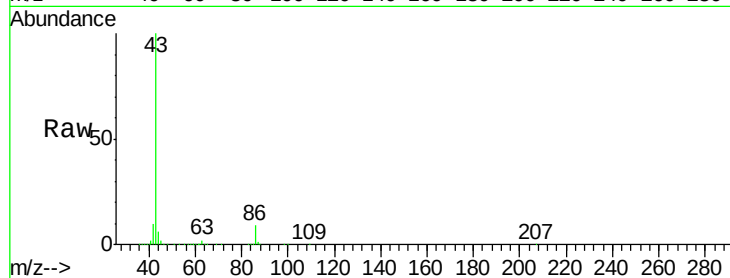
VW0623SBSD02

Tgt Ion: 43 Resp: 476672

Ion Ratio Lower Upper

43 100

86 9.0 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

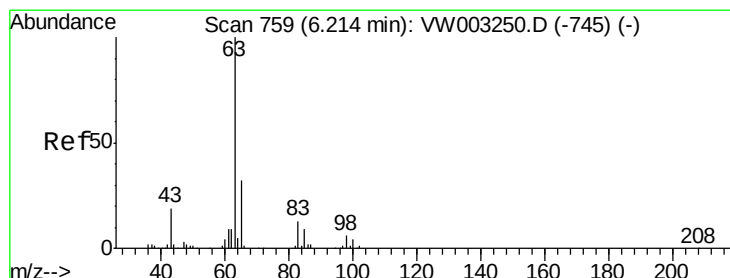
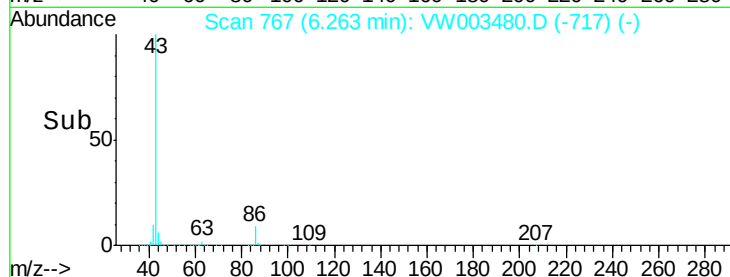
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.177 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

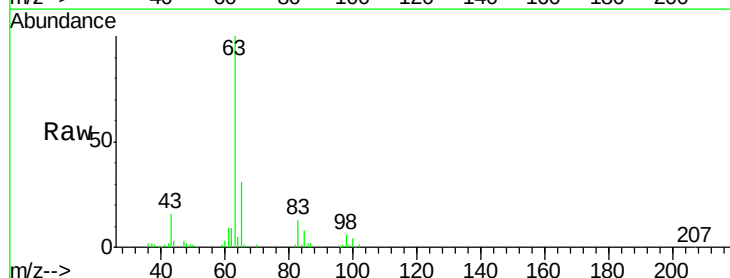
Tgt Ion: 63 Resp: 102189

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.3

100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

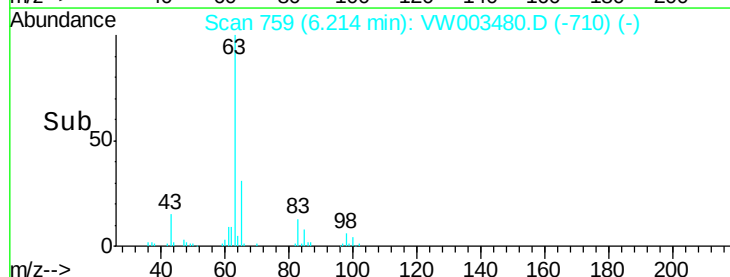
30000

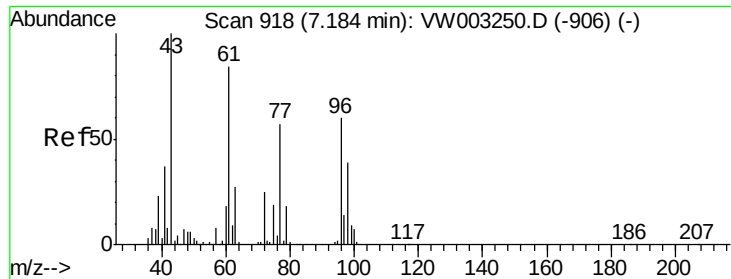
20000

10000

0

Time-->

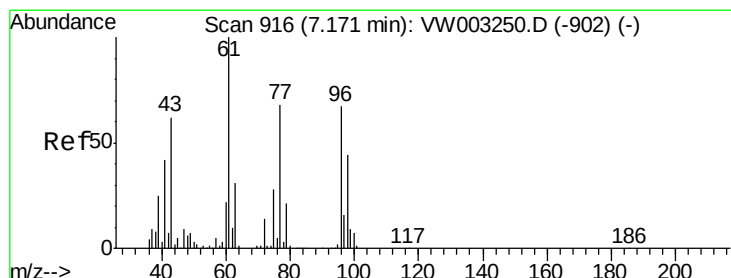
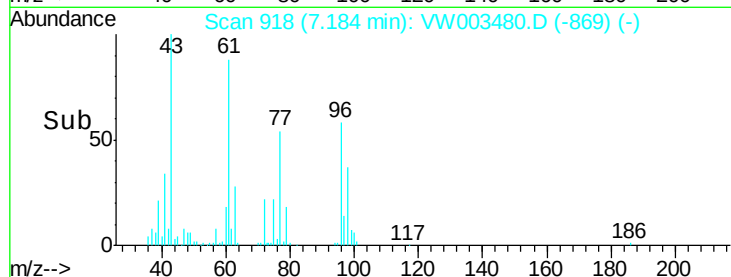
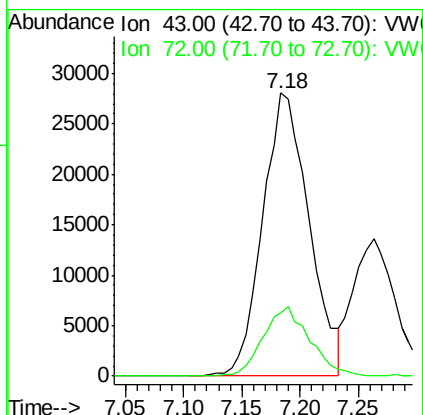
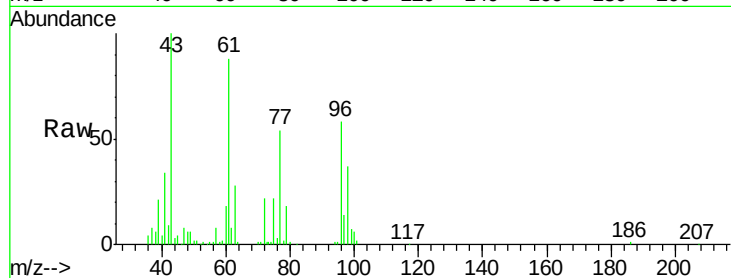




#25
2-Butanone
Concen: 106.974 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

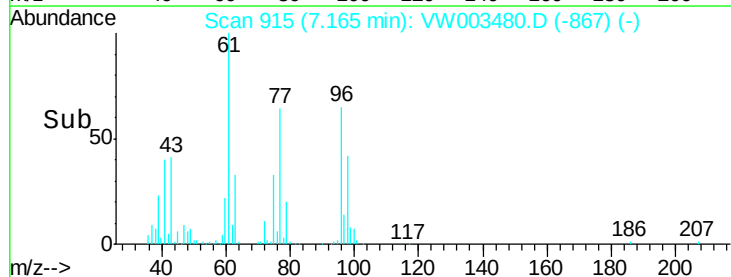
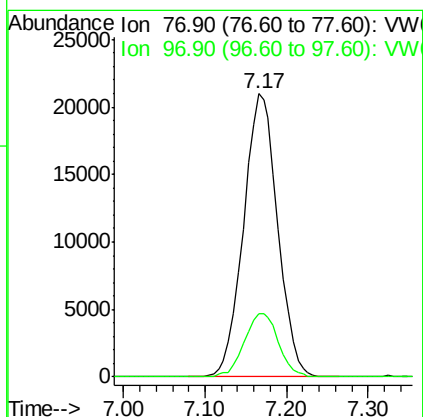
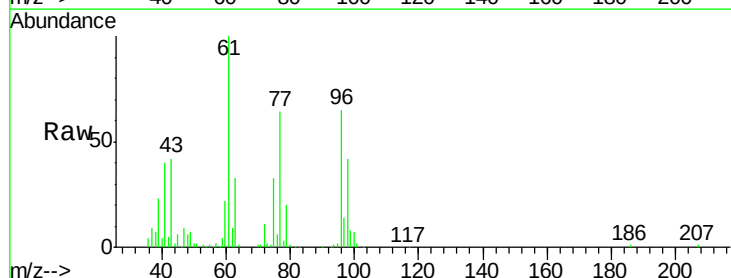
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD02

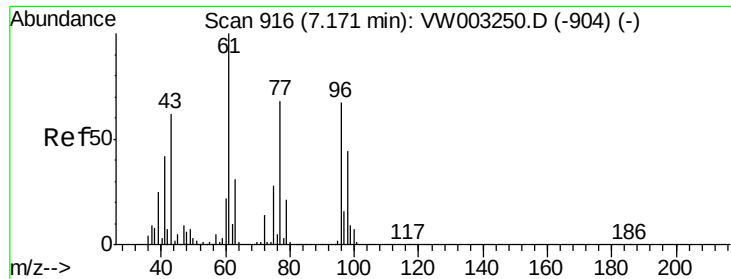
Tgt Ion: 43 Resp: 77833
Ion Ratio Lower Upper
43 100
72 22.2 20.3 30.5



#26
2,2-Dichloropropane
Concen: 18.922 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion: 77 Resp: 60939
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.9

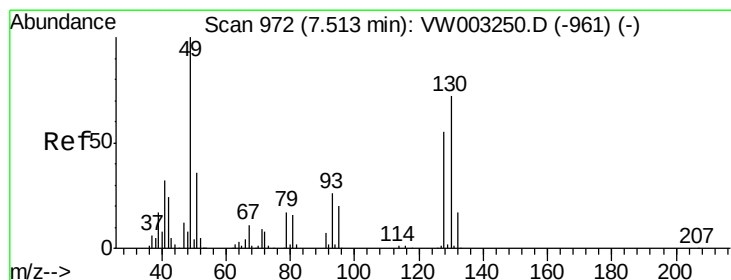
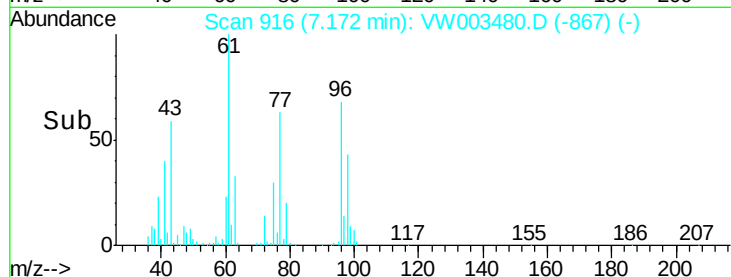
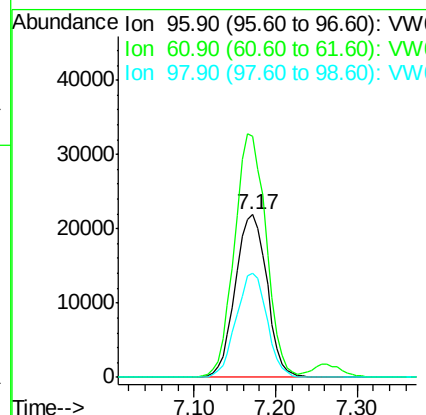
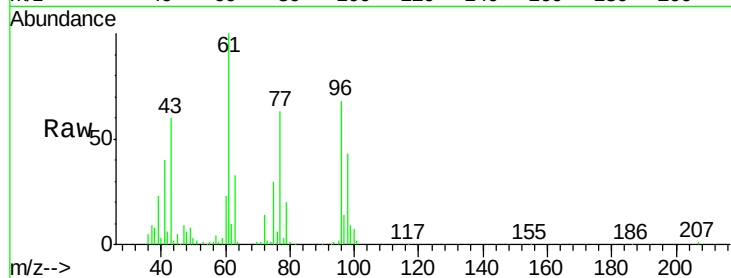




#27
 cis-1,2-Dichloroethene
 Concen: 21.135 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

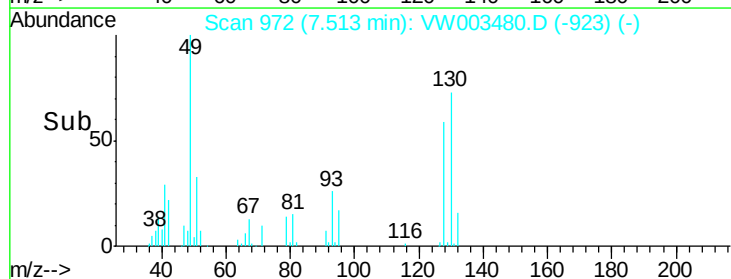
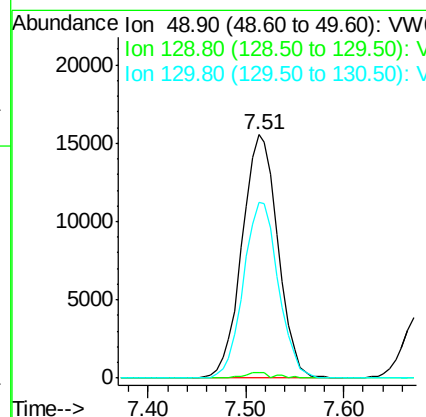
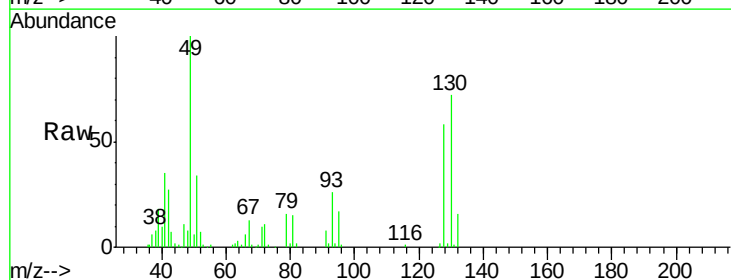
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

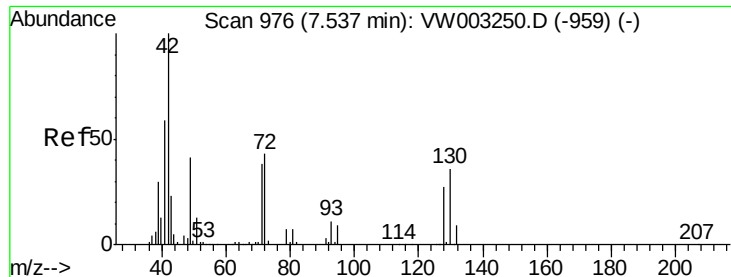
Tgt Ion: 96 Resp: 58917
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 298.8
 98 62.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 19.649 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion: 49 Resp: 39457
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 70.2 59.4 89.2

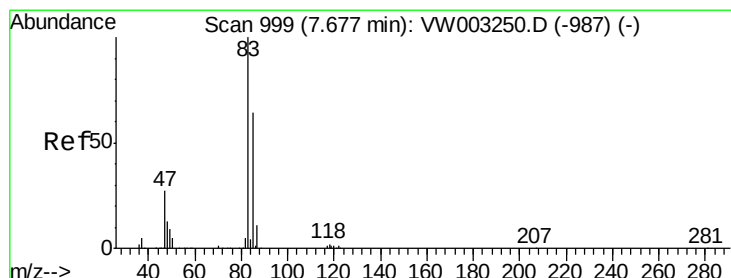
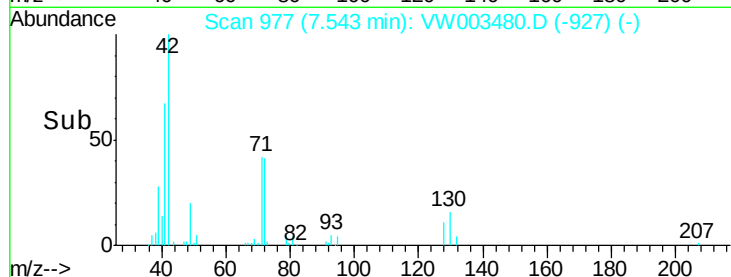
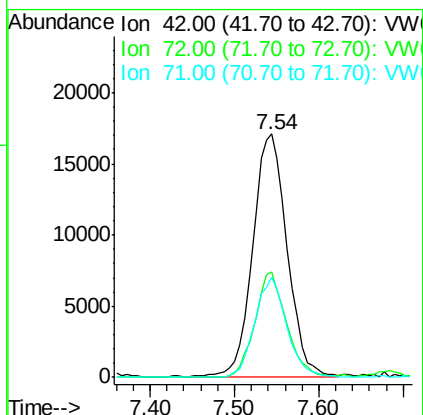
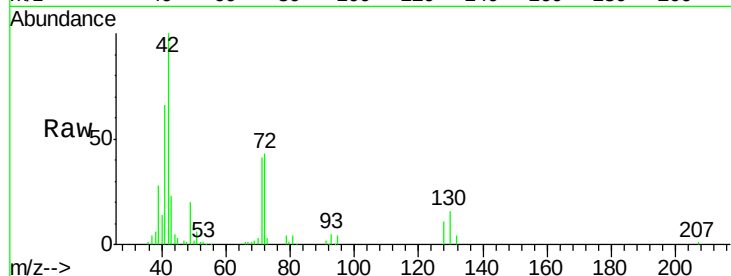




#29
Tetrahydrofuran
Concen: 107.370 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

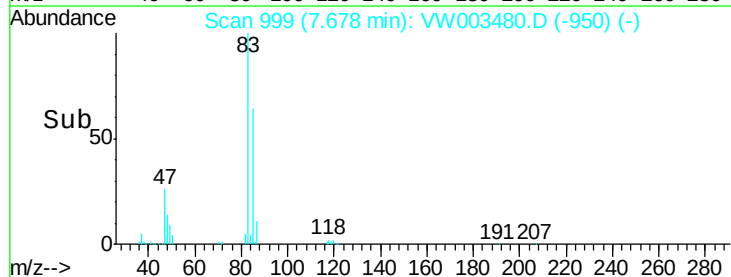
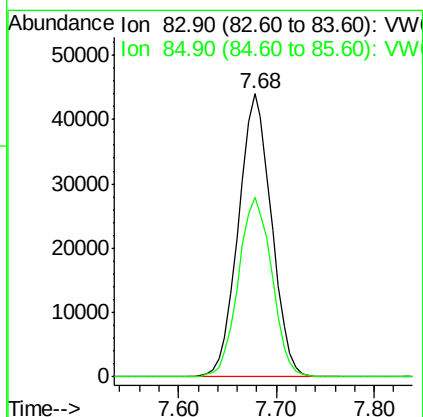
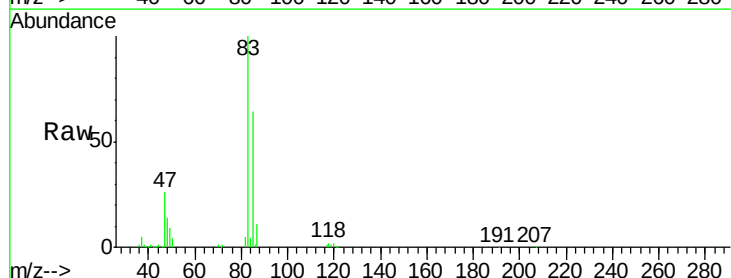
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS02

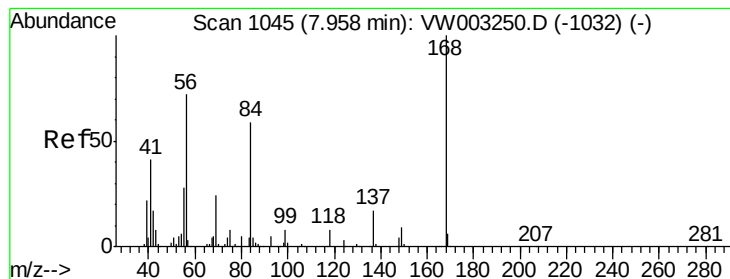
Tgt Ion: 42 Resp: 47745
Ion Ratio Lower Upper
42 100
72 40.0 32.4 48.6
71 38.3 31.2 46.8



#30
Chloroform
Concen: 21.001 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion: 83 Resp: 103244
Ion Ratio Lower Upper
83 100
85 63.7 51.3 76.9





#31

Cyclohexane

Concen: 19.694 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD02

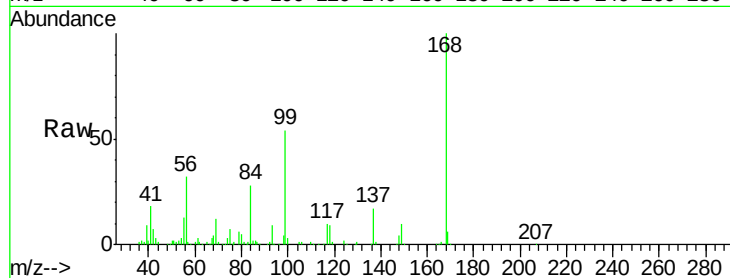
Tgt Ion: 56 Resp: 88786

Ion Ratio Lower Upper

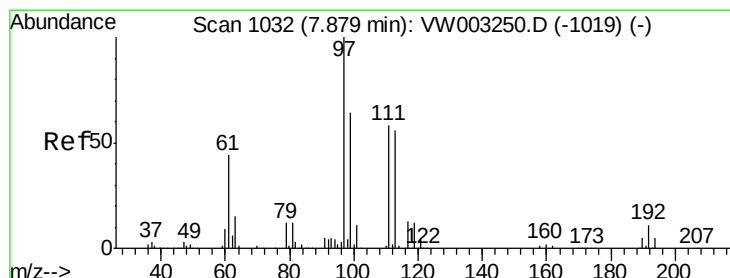
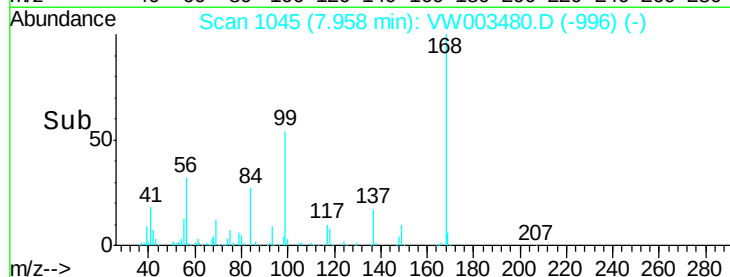
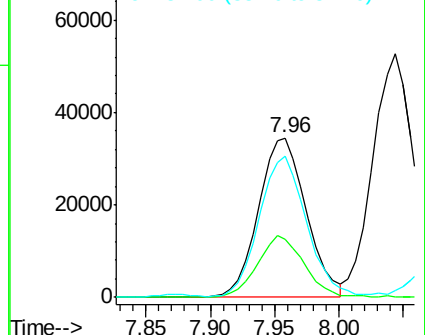
56 100

69 36.2 26.3 39.5

84 87.3 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: 20.679 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

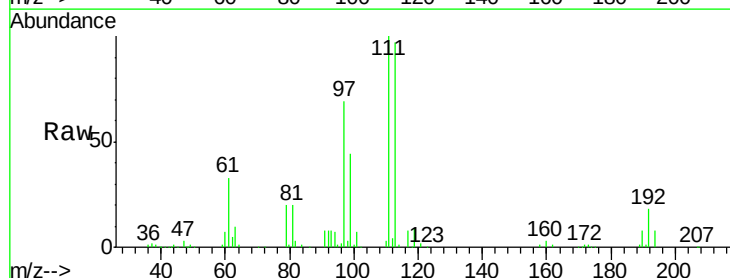
Tgt Ion: 97 Resp: 83915

Ion Ratio Lower Upper

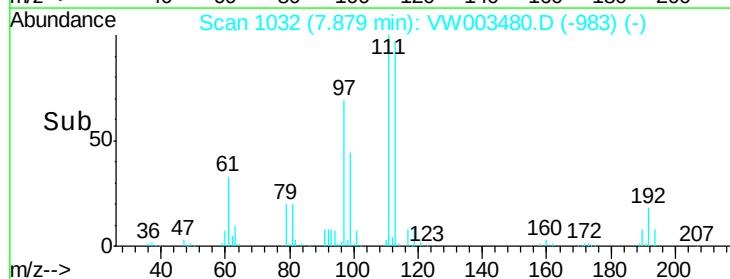
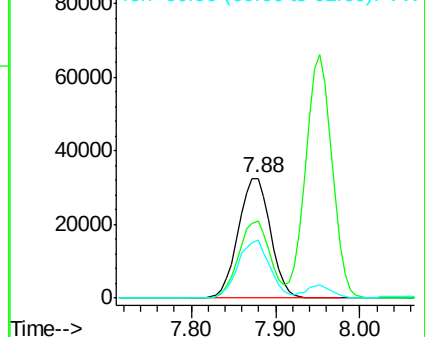
97 100

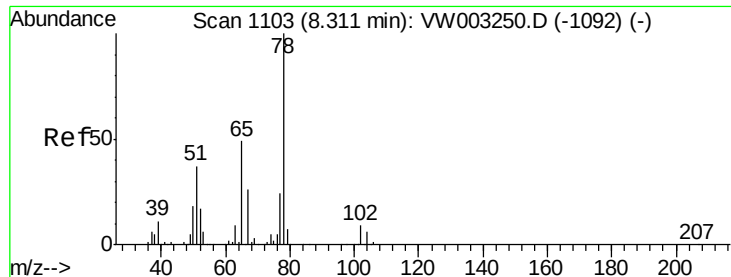
99 62.4 51.7 77.5

61 47.6 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

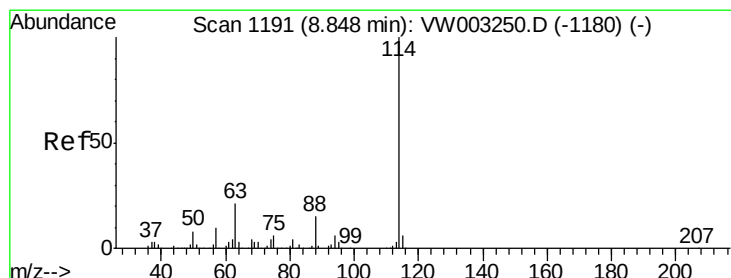
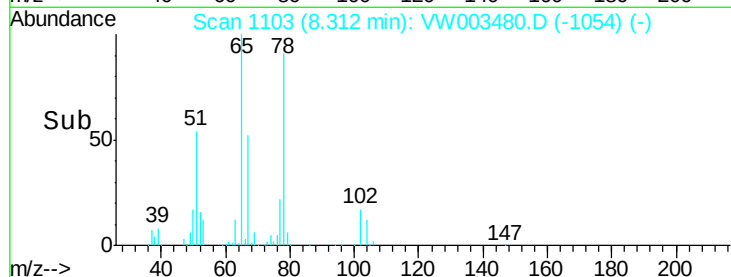
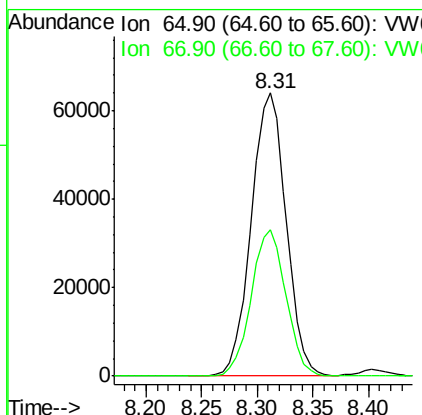
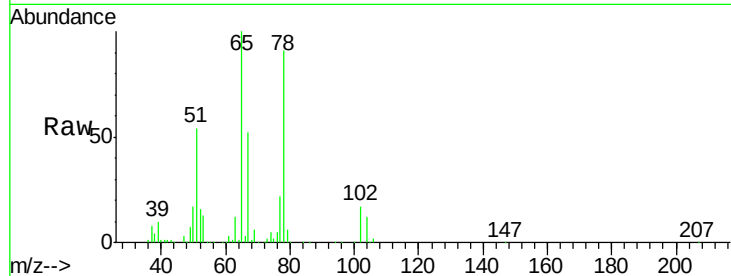




#33
 1,2-Dichloroethane-d4
 Concen: 50.117 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

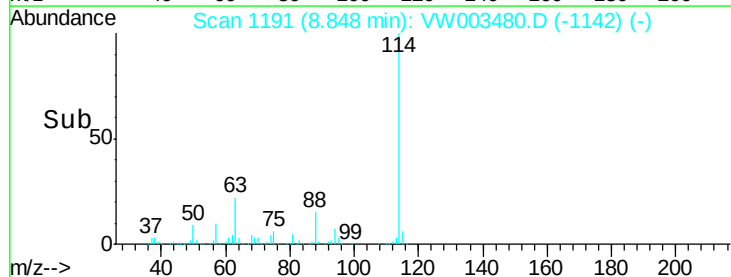
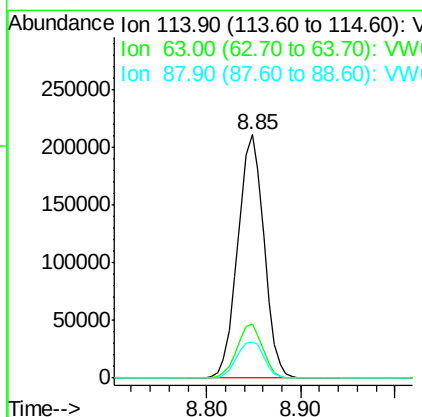
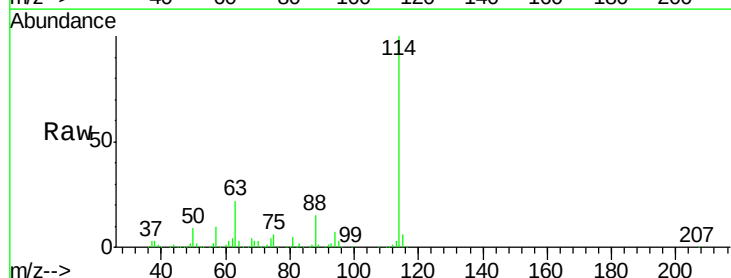
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

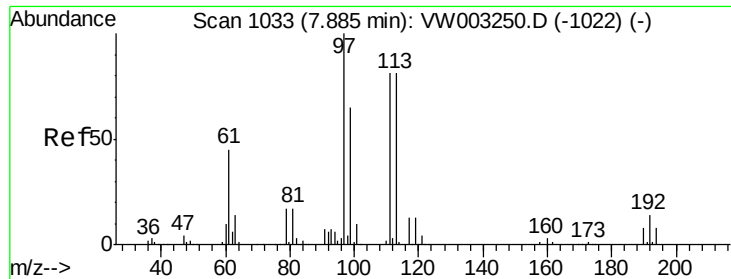
Tgt Ion: 65 Resp: 139822
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion: 114 Resp: 408871
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.0
 88 15.1 0.0 29.6

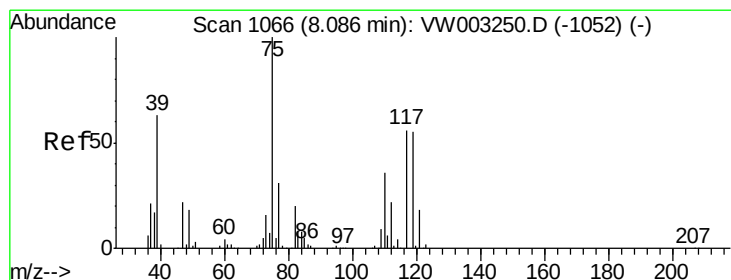
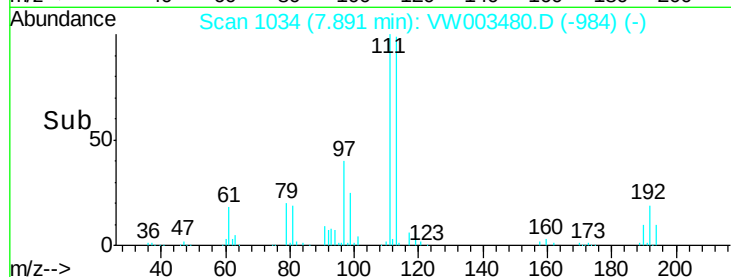
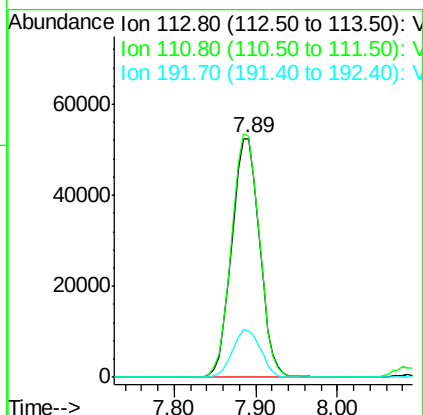
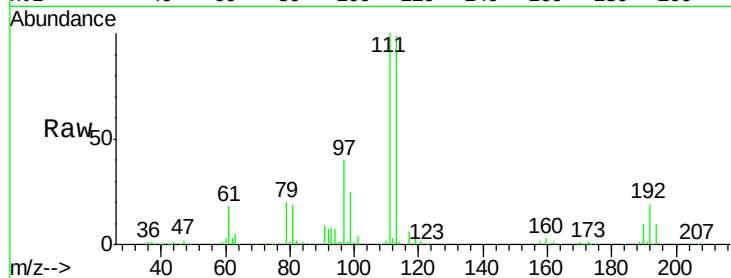




#35
 Dibromofluoromethane
 Concen: 48.634 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

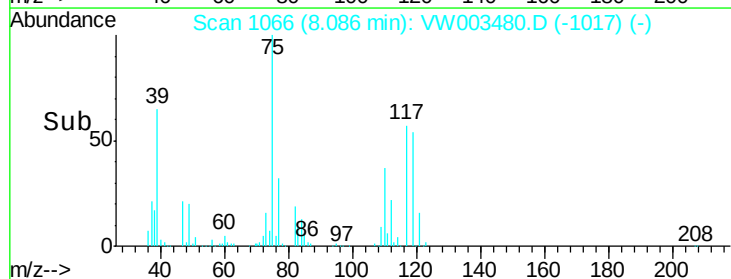
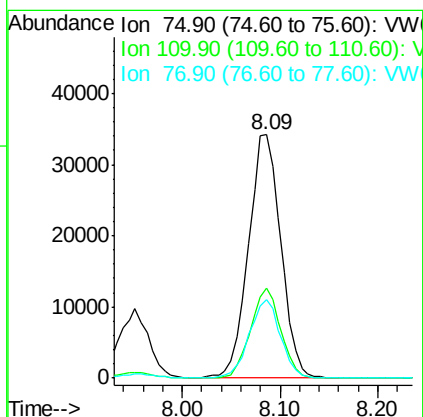
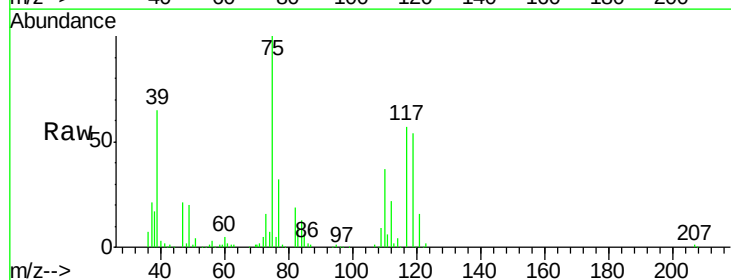
Instrument :
 MSVOA_W
 ClientSampled :
 VW0623SBS02

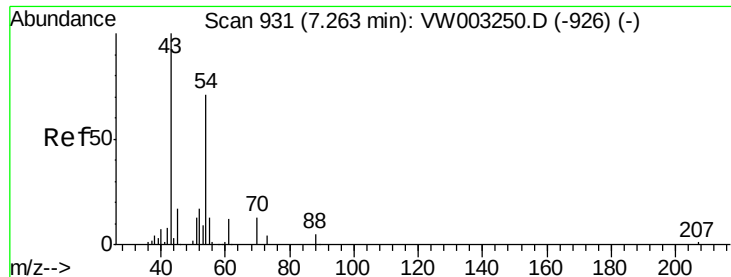
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	20.1	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 20.036 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.1	51.3
77	31.3	24.9	37.3

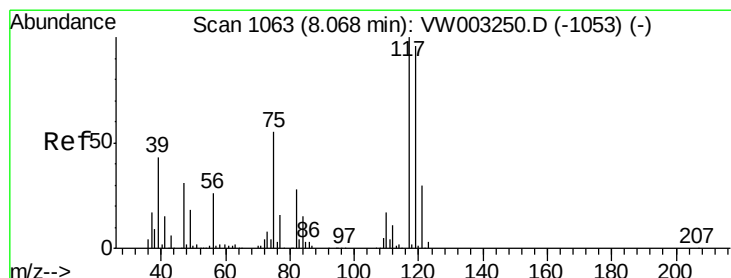
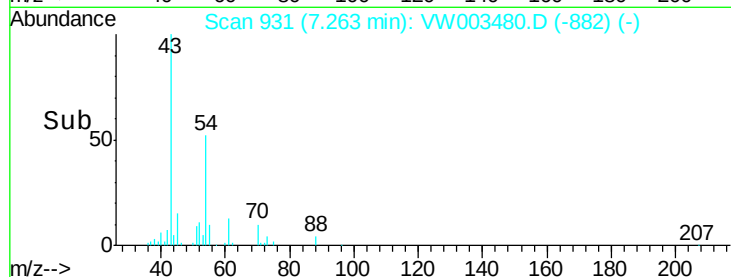
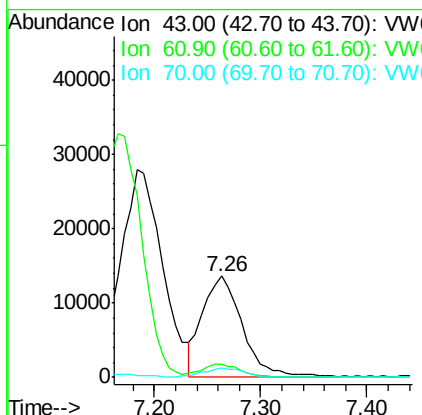
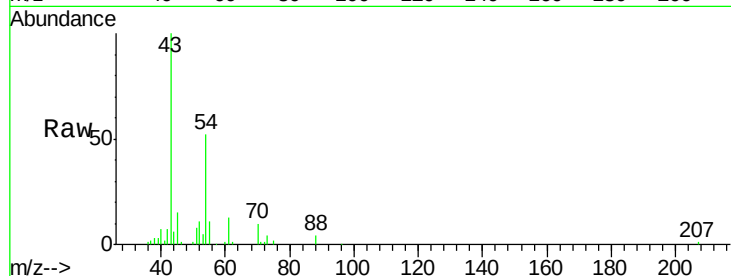




#37
 Ethyl Acetate
 Concen: 21.195 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

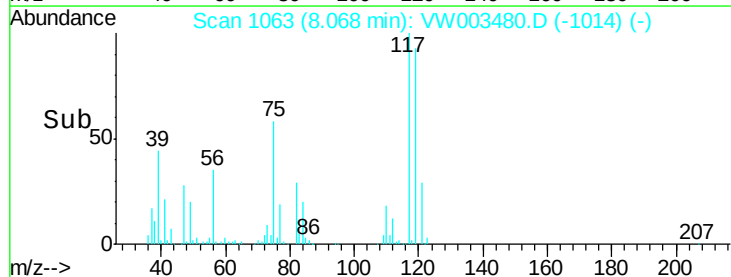
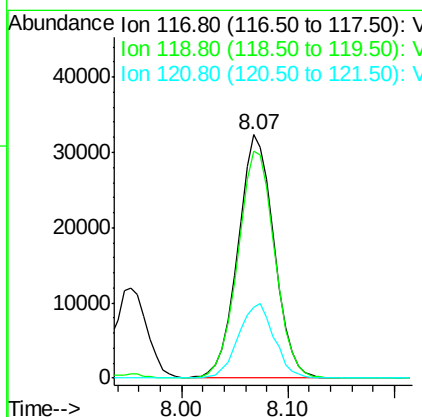
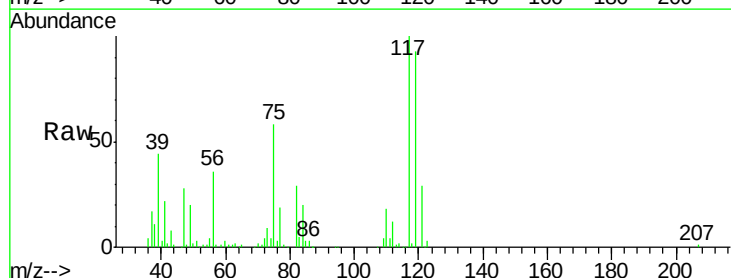
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

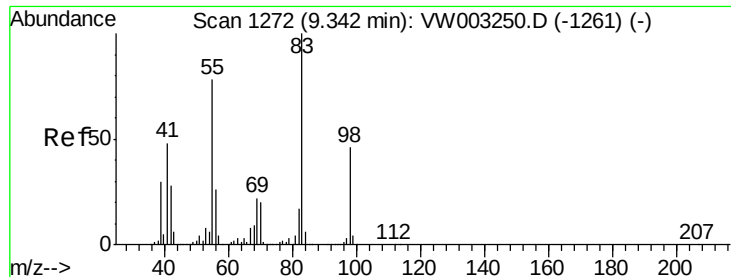
Tgt Ion: 43 Resp: 34671
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.8 16.2
 70 9.6 7.8 11.6



#38
 Carbon Tetrachloride
 Concen: 19.905 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion: 117 Resp: 77097
 Ion Ratio Lower Upper
 117 100
 119 93.0 76.6 115.0
 121 28.9 23.9 35.9

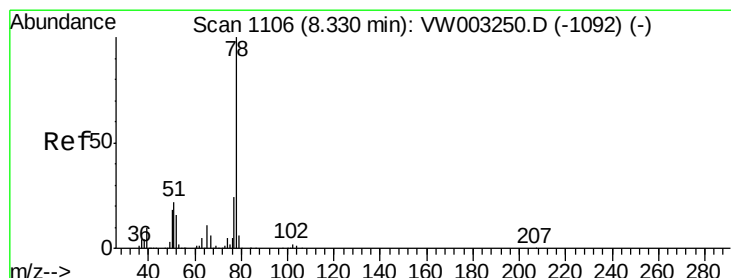
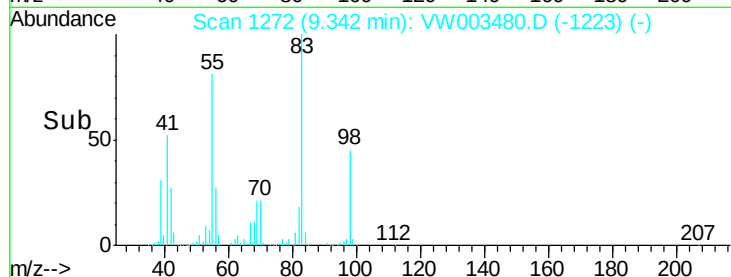
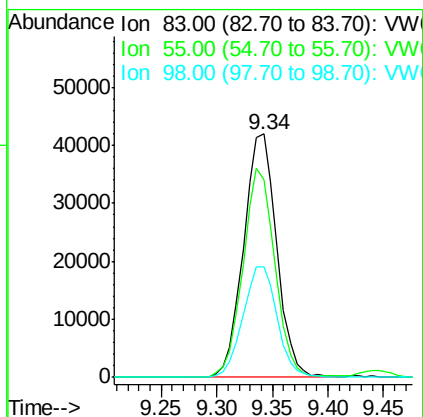
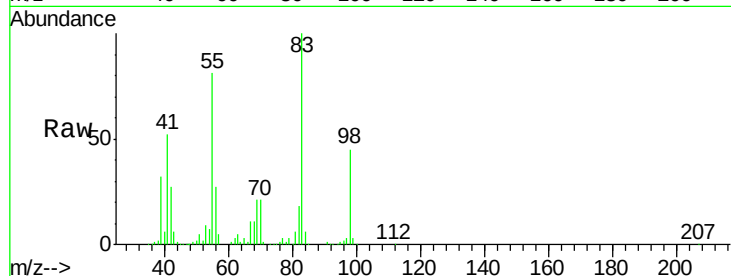




#39
Methylcyclohexane
Concen: 19.087 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

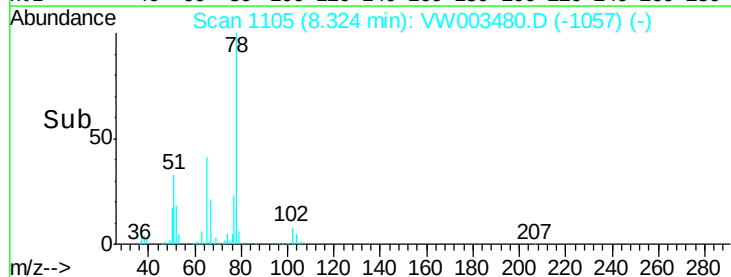
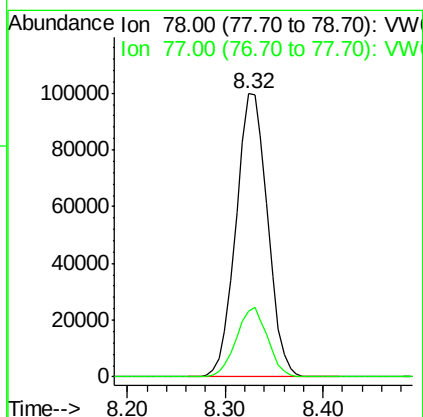
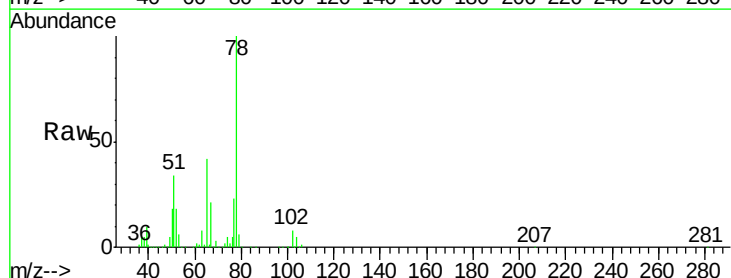
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD02

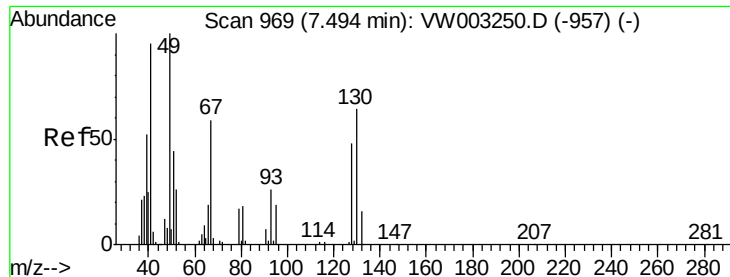
Tgt Ion: 83 Resp: 87206
Ion Ratio Lower Upper
83 100
55 81.2 62.6 93.8
98 45.3 37.0 55.4



#40
Benzene
Concen: 20.522 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion: 78 Resp: 223360
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

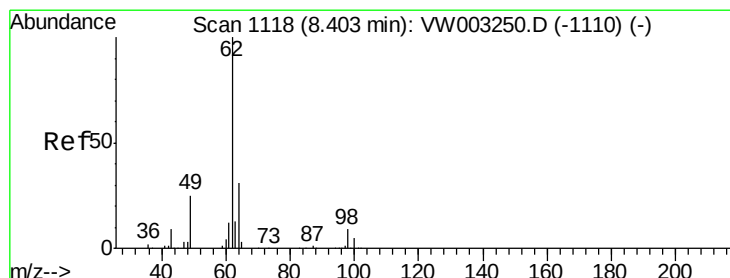
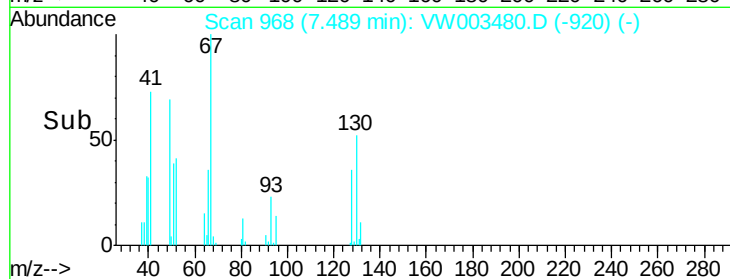
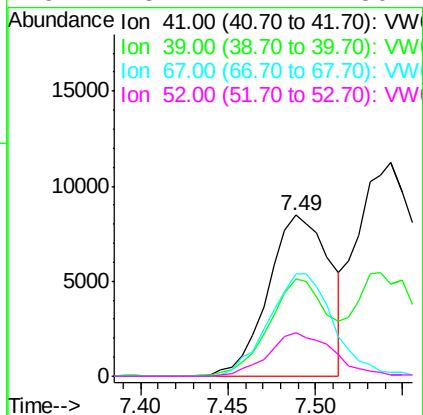
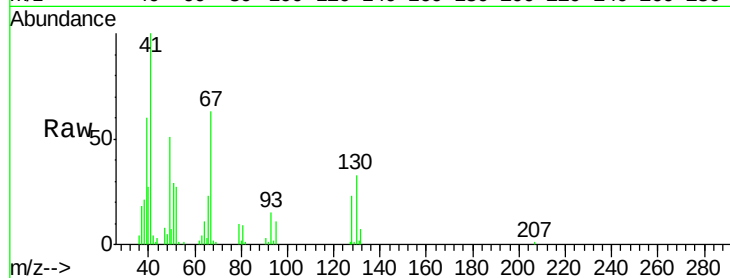




#41
Methacrylonitrile
Concen: 20.807 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

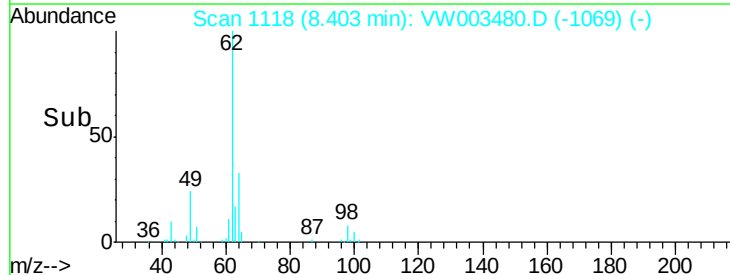
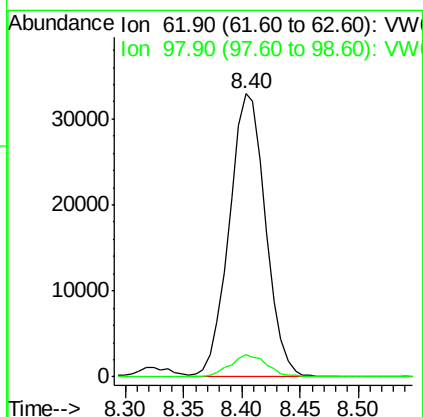
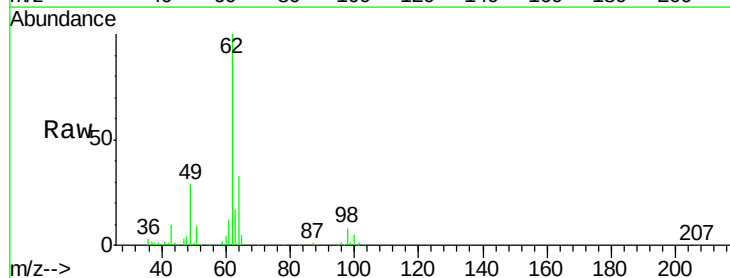
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD02

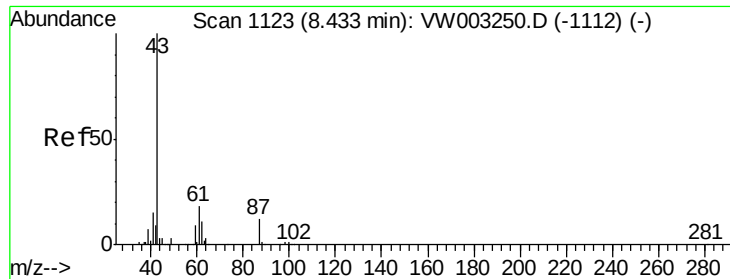
Tgt Ion:	41	Resp:	20887
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.8	68.8
67	66.8	52.3	78.5
52	28.7	24.1	36.1



#42
1,2-Dichloroethane
Concen: 20.974 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion:	62	Resp:	71522
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.592 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

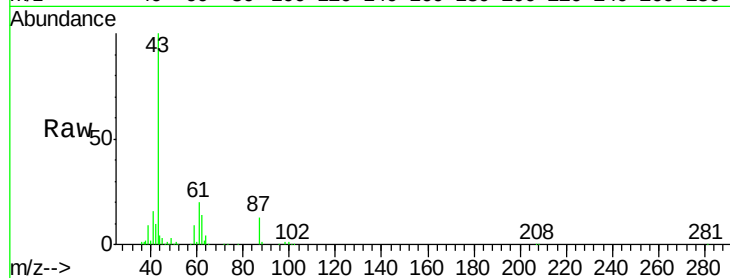
Tgt Ion: 43 Resp: 66887

Ion Ratio Lower Upper

43 100

61 29.6 23.1 34.7

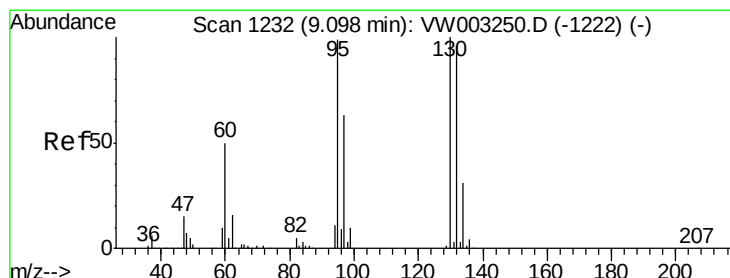
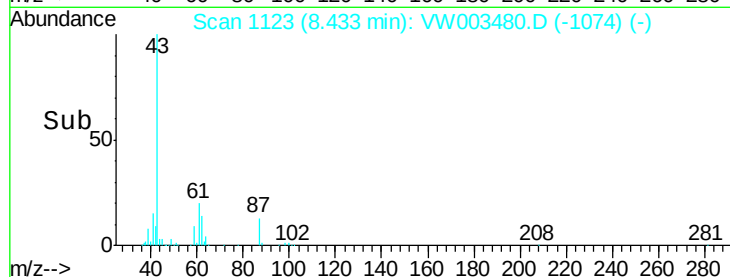
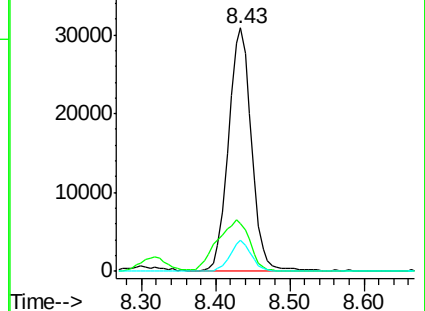
87 11.6 9.8 14.6



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: 20.050 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003480.D

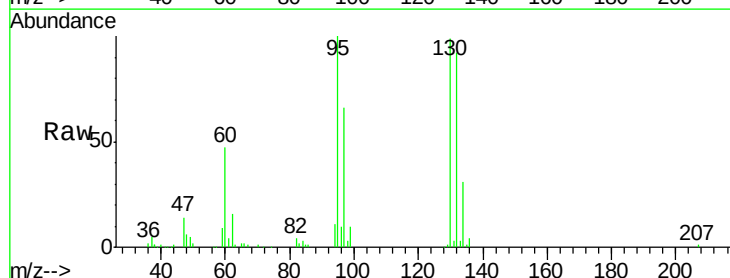
Acq: 24 Jun 2018 01:29

Tgt Ion: 130 Resp: 57825

Ion Ratio Lower Upper

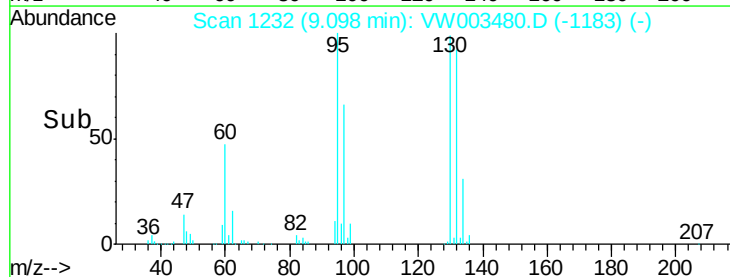
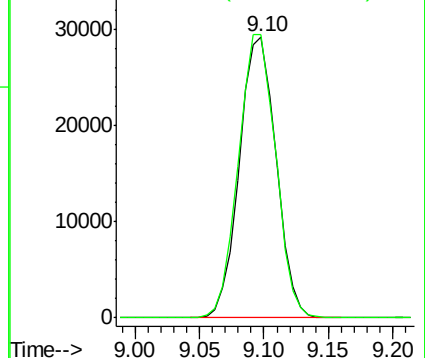
130 100

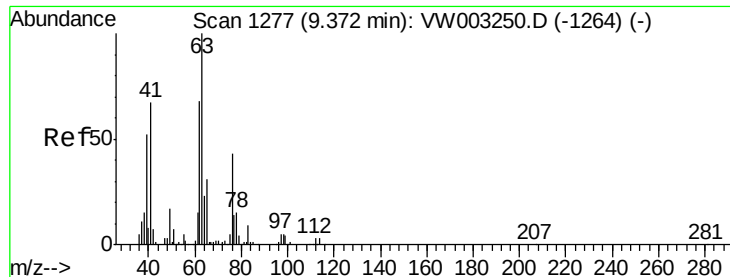
95 100.5 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

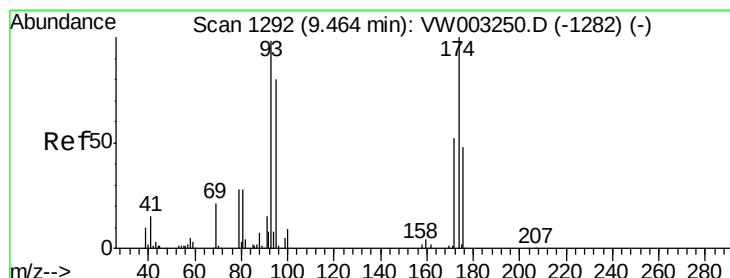
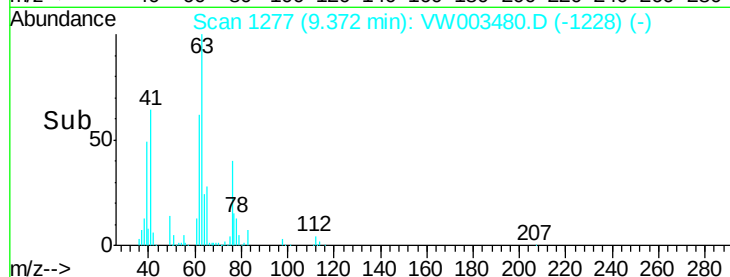
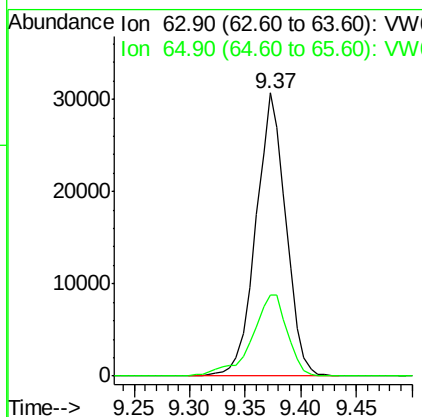
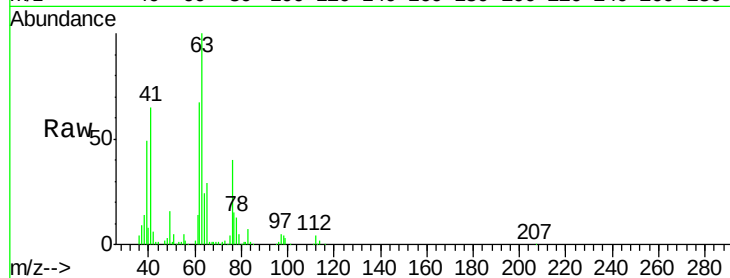




#45
 1,2-Dichloropropane
 Concen: 20.785 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

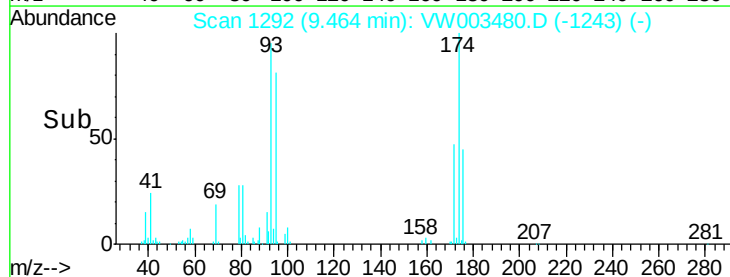
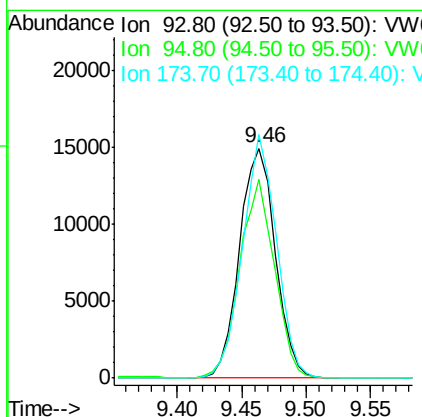
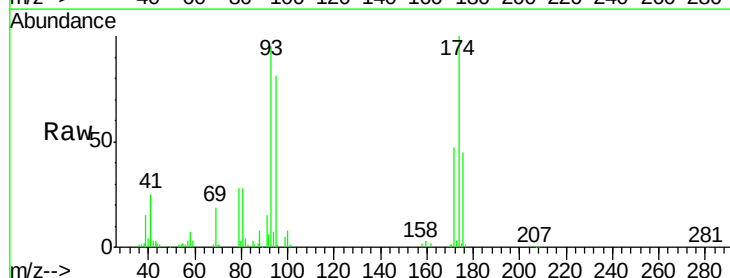
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

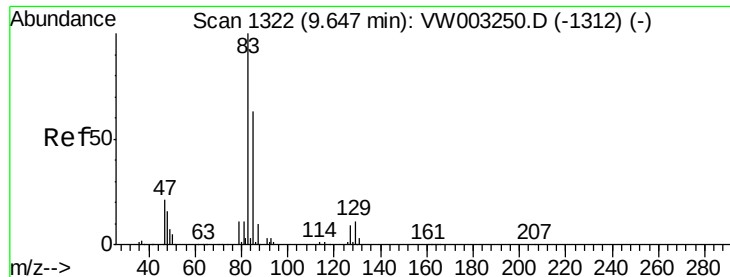
Tgt Ion: 63 Resp: 57601
 Ion Ratio Lower Upper
 63 100
 65 28.8 25.1 37.7



#46
 Dibromomethane
 Concen: 20.286 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion: 93 Resp: 28782
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.8 98.8
 174 100.3 81.4 122.0





#47

Bromodichloromethane

Concen: 20.452 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD02

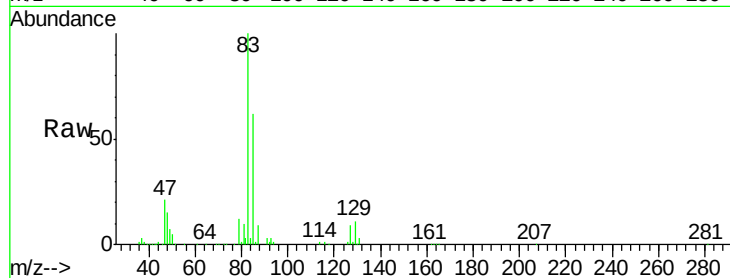
Tgt Ion: 83 Resp: 74380

Ion Ratio Lower Upper

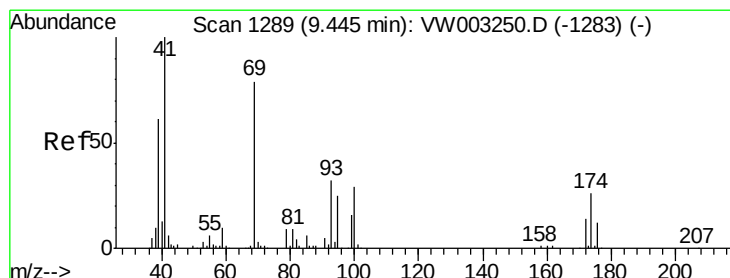
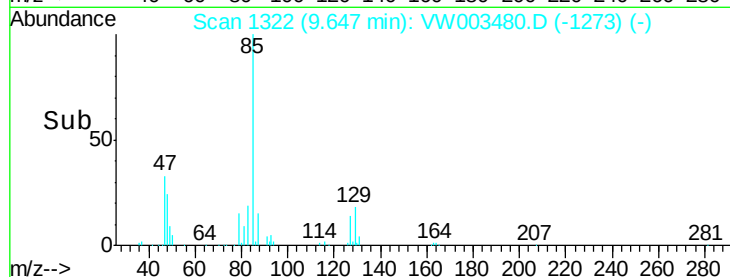
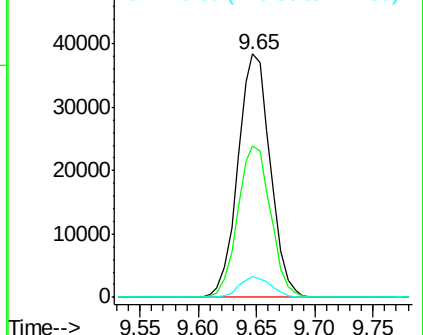
83 100

85 62.1 50.6 75.8

127 8.7 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: 20.798 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

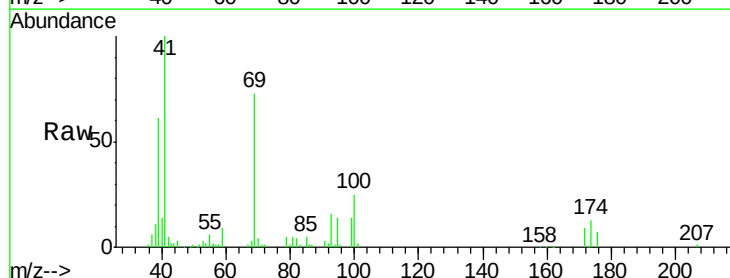
Tgt Ion: 41 Resp: 31748

Ion Ratio Lower Upper

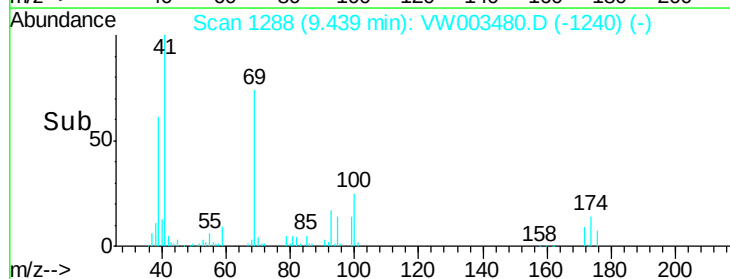
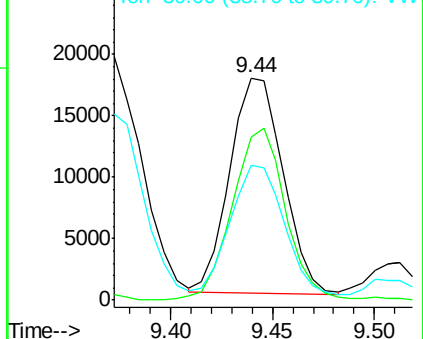
41 100

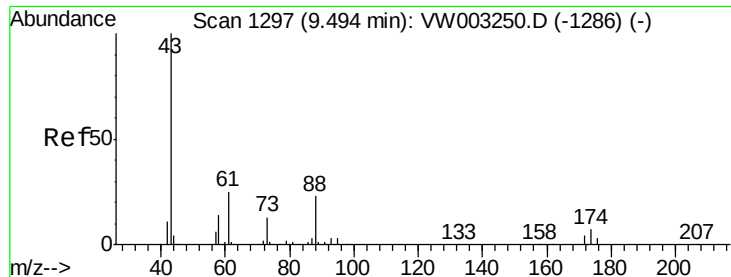
69 79.9 65.4 98.2

39 65.7 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

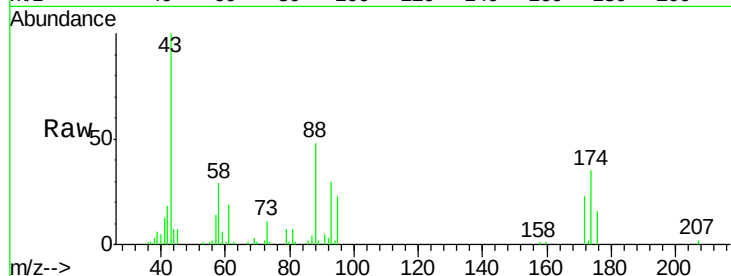




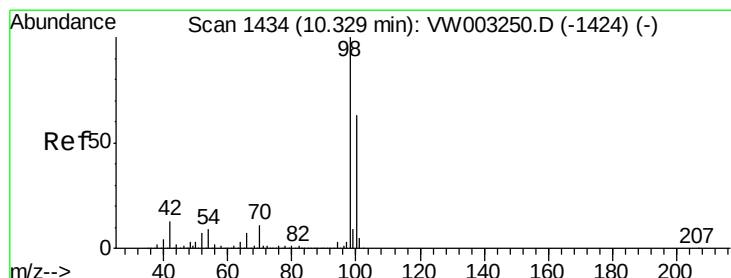
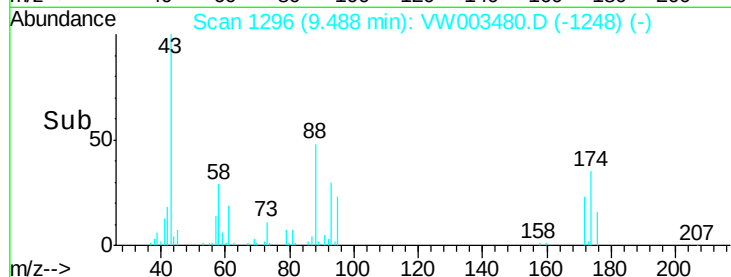
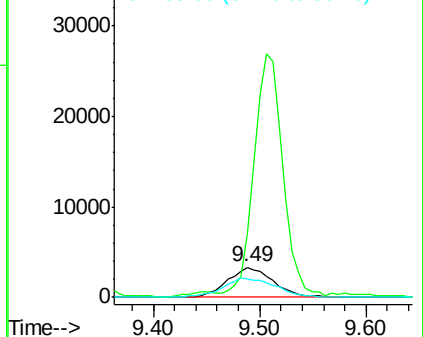
#49
1,4-Dioxane
Concen: 460.961 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD02

Tgt Ion: 88 Resp: 9875
Ion Ratio Lower Upper
88 100
43 0.0 454.7 682.1#
58 75.4 58.6 88.0

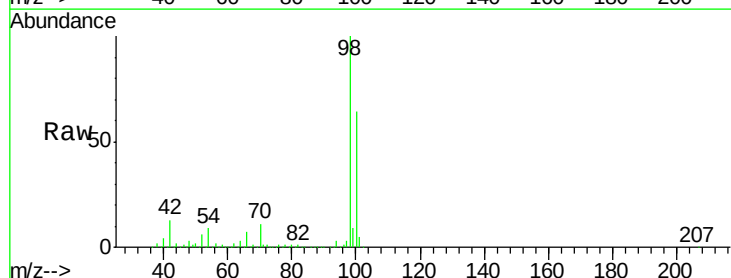


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

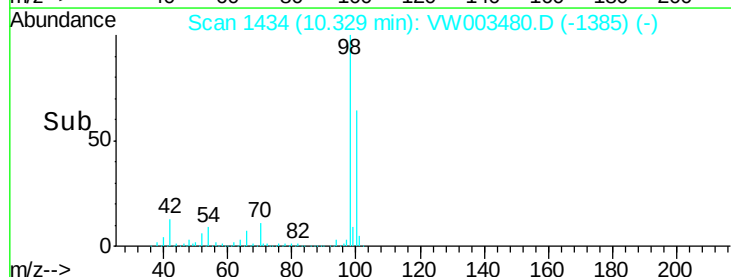
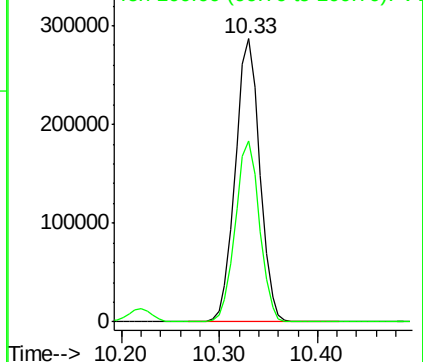


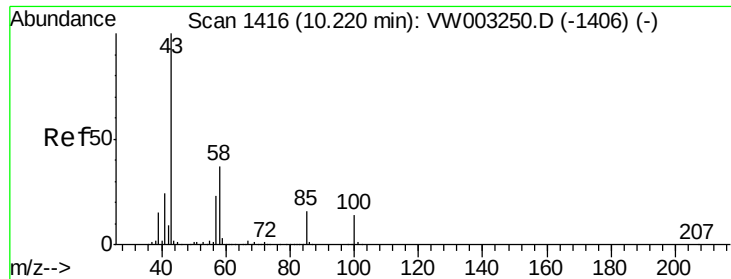
#50
Toluene-d8
Concen: 49.322 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion: 98 Resp: 496875
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

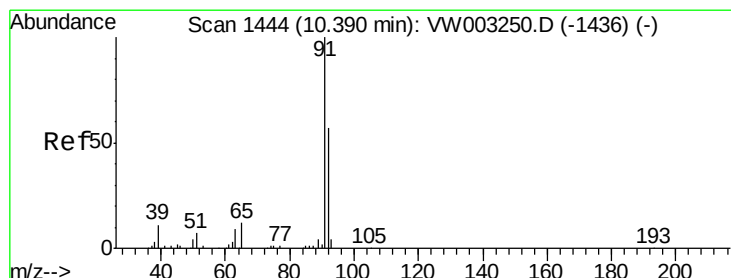
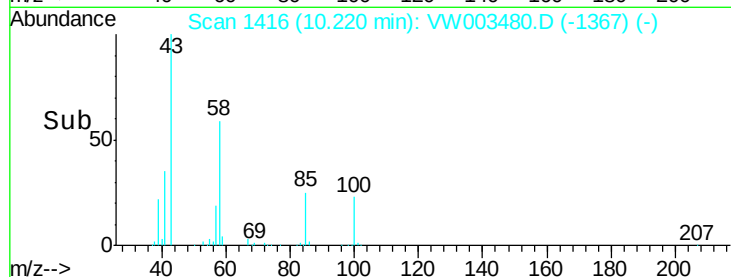
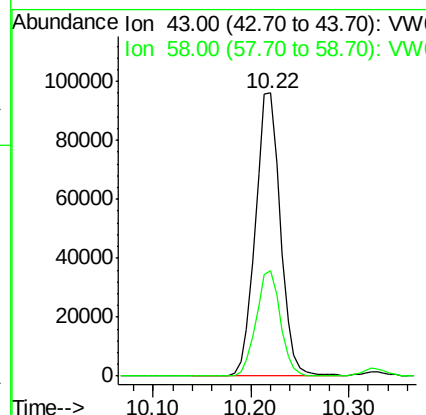
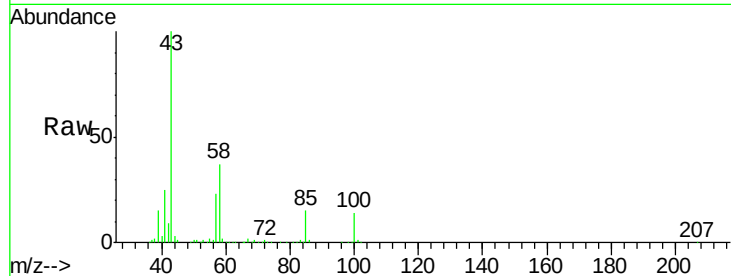




#51
 4-Methyl-2-Pentanone
 Concen: 103.310 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

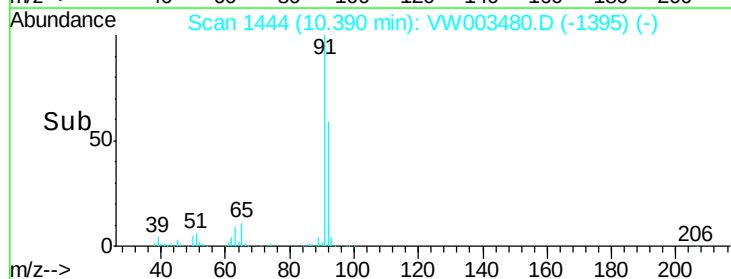
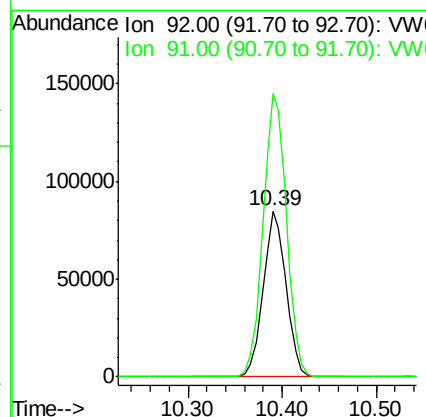
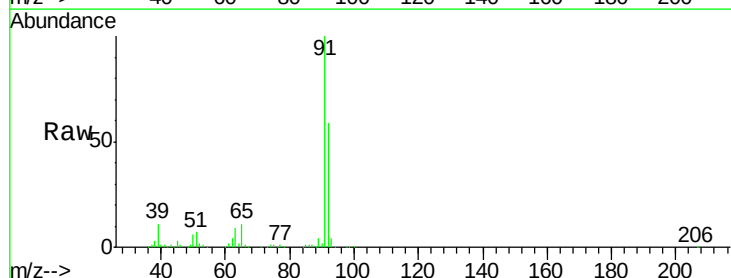
Instrument :
 MSVOA_W
 ClientSampled :
 VW0623SBS02

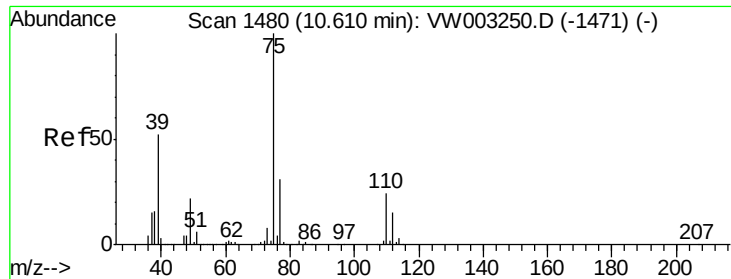
Tgt Ion: 43 Resp: 170988
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.0 43.4



#52
 Toluene
 Concen: 20.679 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion: 92 Resp: 144331
 Ion Ratio Lower Upper
 92 100
 91 175.5 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 19.778 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

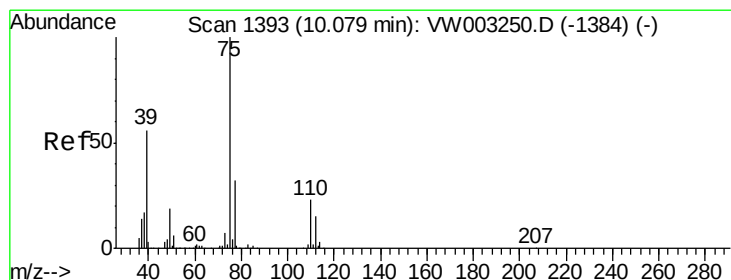
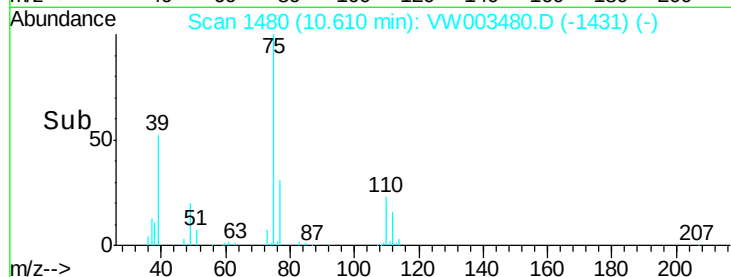
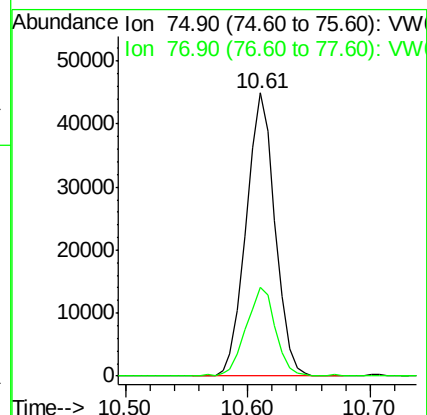
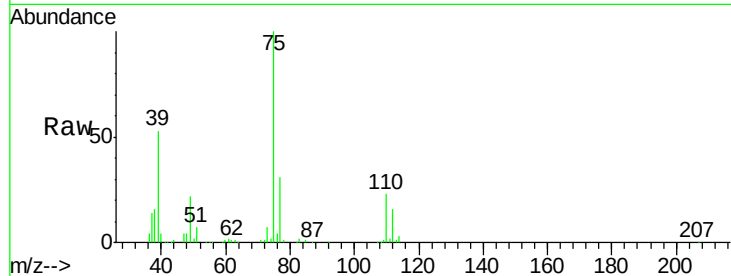
VW0623SBSD02

Tgt Ion: 75 Resp: 73475

Ion Ratio Lower Upper

75 100

77 31.2 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.944 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

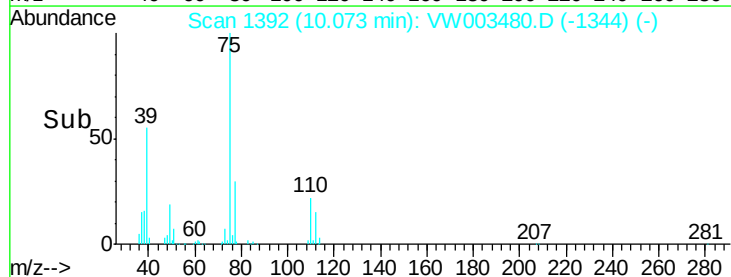
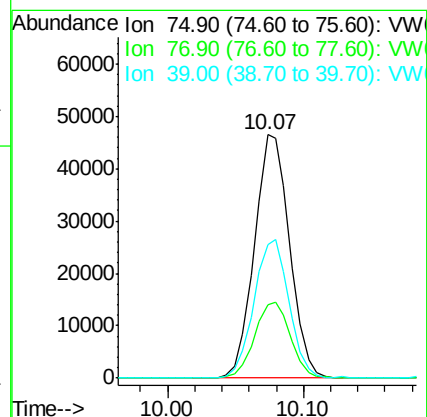
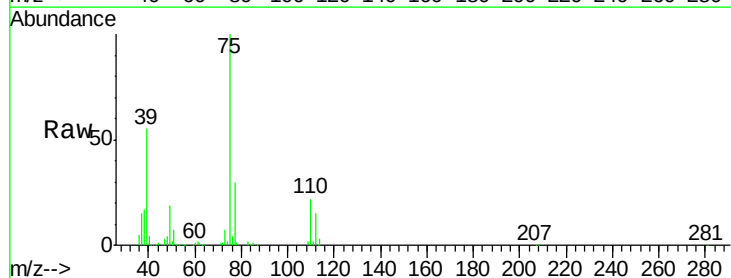
Tgt Ion: 75 Resp: 84332

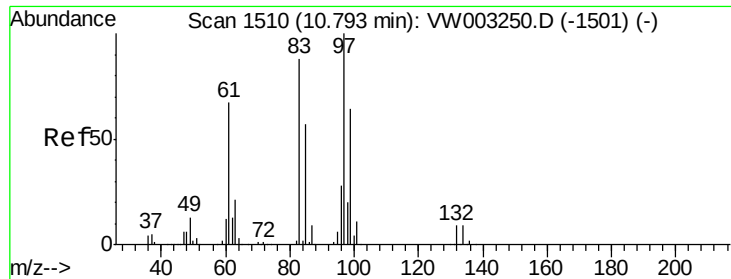
Ion Ratio Lower Upper

75 100

77 30.2 25.8 38.6

39 54.7 45.2 67.8

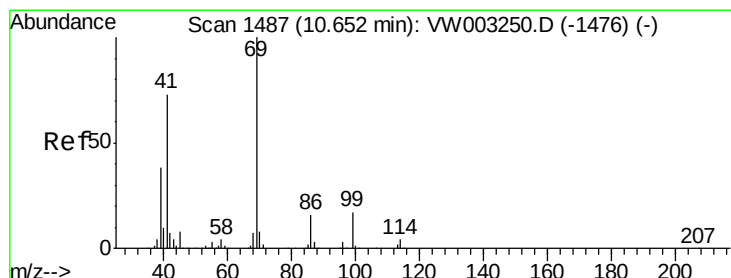
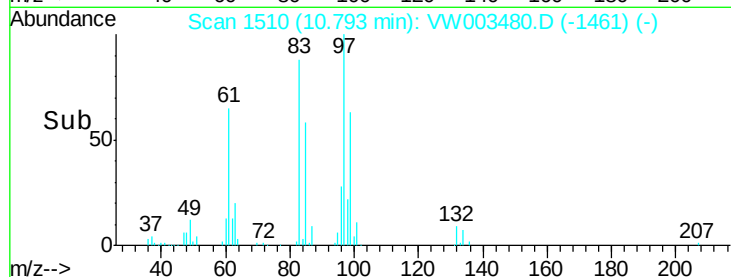
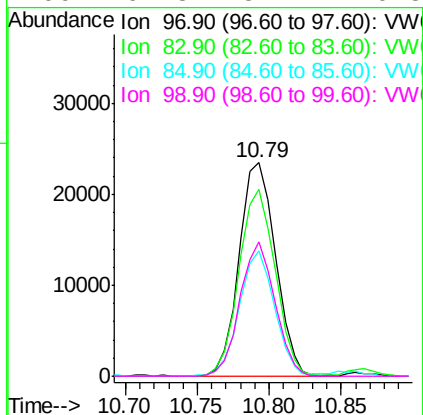
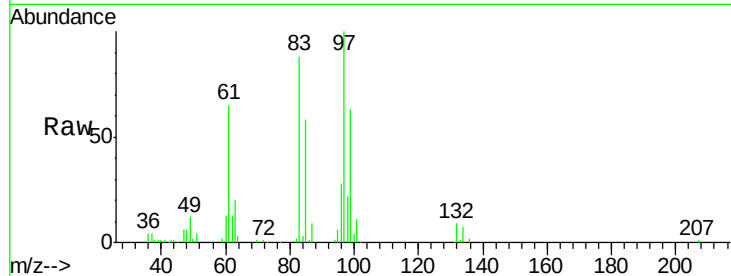




#55
 1,1,2-Trichloroethane
 Concen: 20.667 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

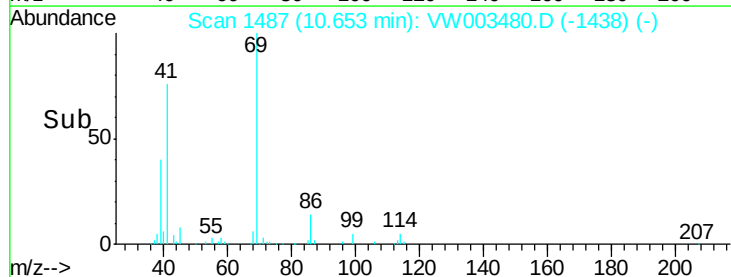
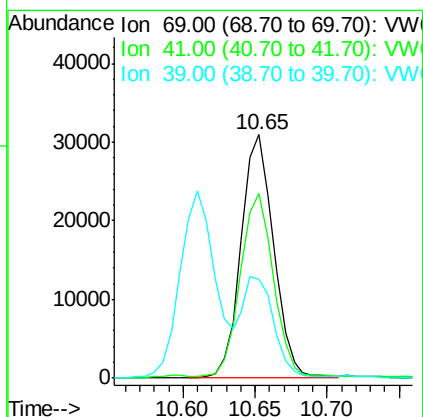
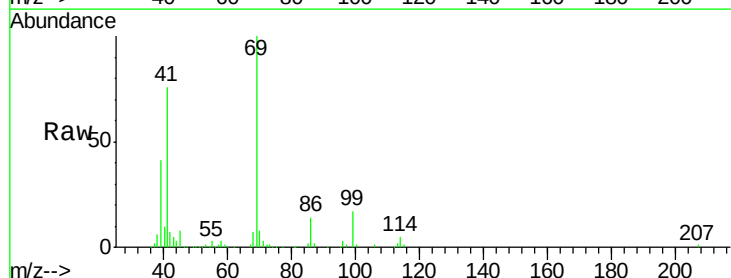
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

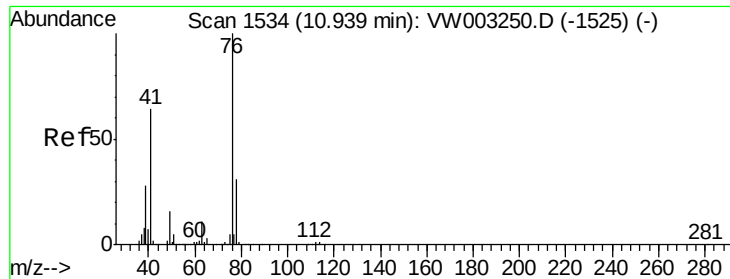
Tgt Ion: 97 Resp: 41320
 Ion Ratio Lower Upper
 97 100
 83 87.7 70.2 105.2
 85 58.4 45.6 68.4
 99 62.8 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 20.057 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion: 69 Resp: 48696
 Ion Ratio Lower Upper
 69 100
 41 76.0 57.8 86.6
 39 38.9 32.7 49.1

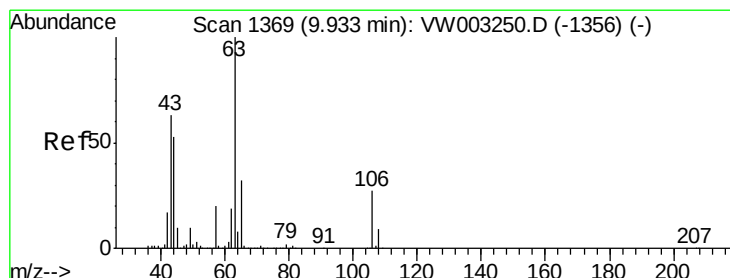
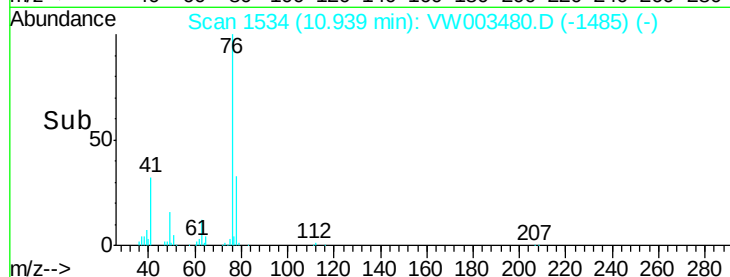
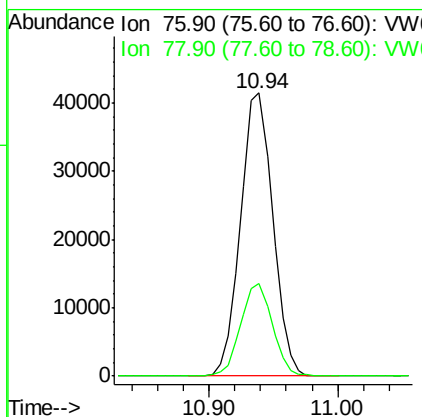
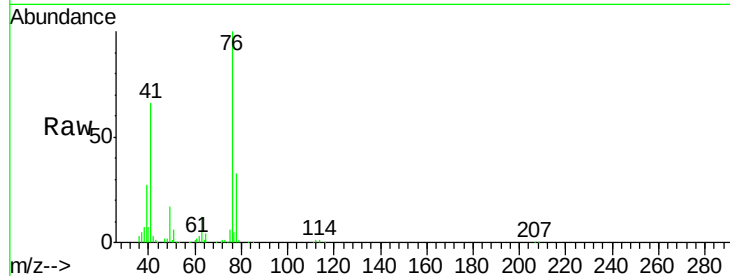




#57
 1,3-Dichloropropane
 Concen: 20.849 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

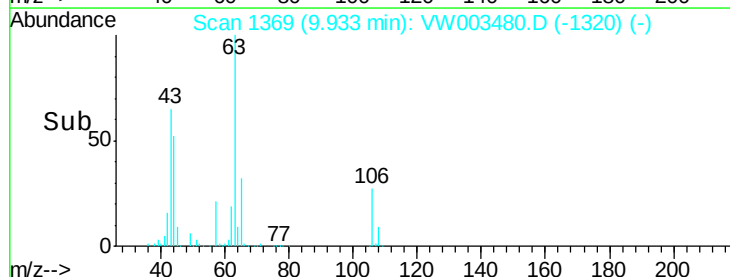
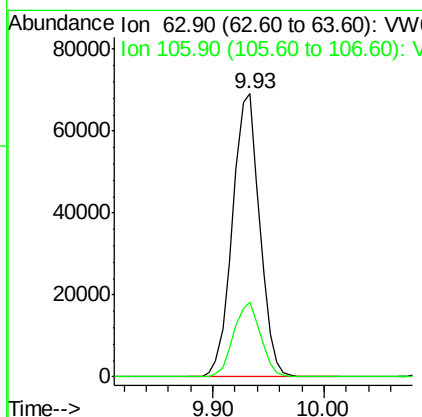
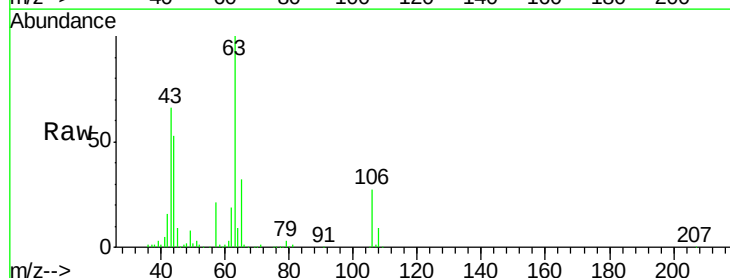
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

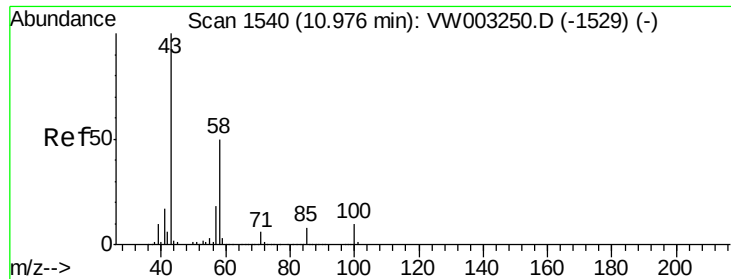
Tgt Ion: 76 Resp: 71891
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.506 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion: 63 Resp: 117004
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.8 32.8

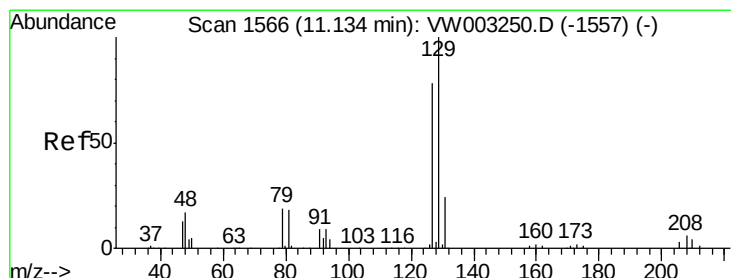
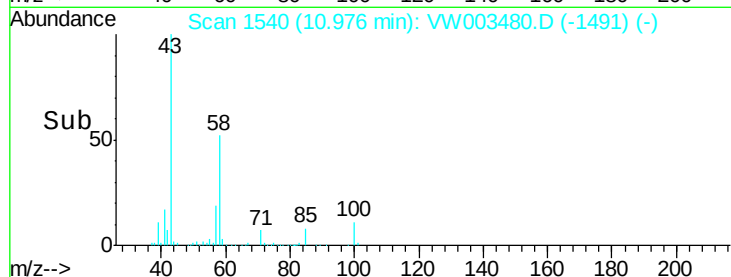
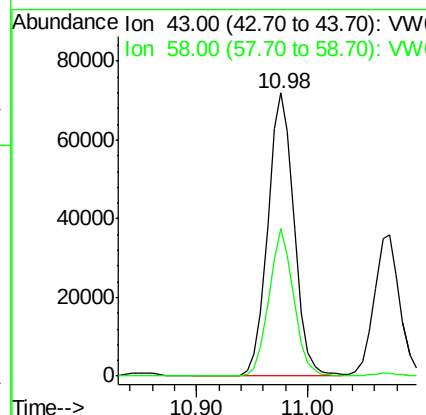
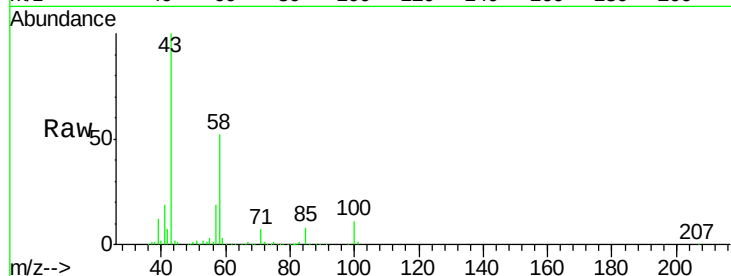




#59
2-Hexanone
Concen: 102.188 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

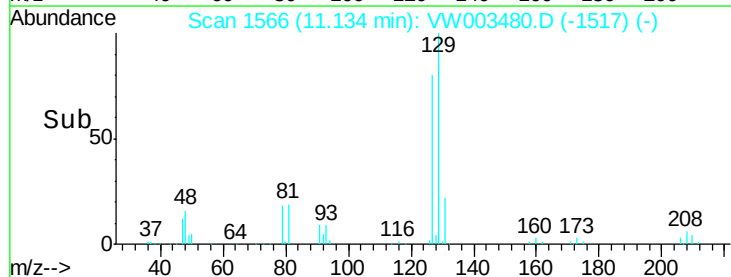
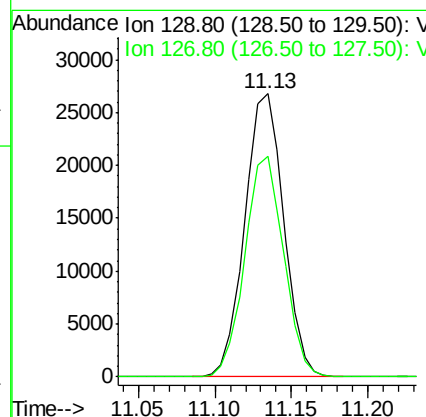
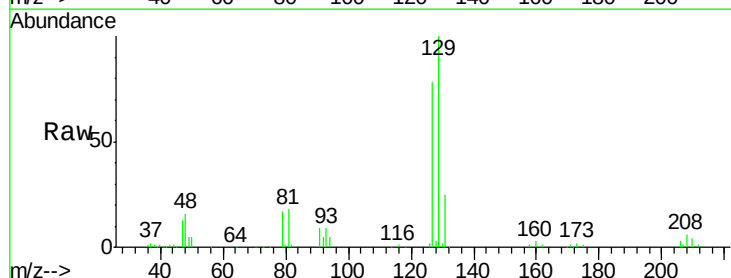
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD02

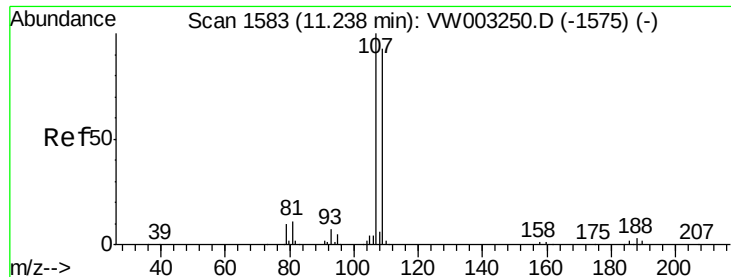
Tgt Ion: 43 Resp: 118153
Ion Ratio Lower Upper
43 100
58 49.2 25.0 75.0



#60
Dibromochloromethane
Concen: 19.958 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion: 129 Resp: 47453
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5

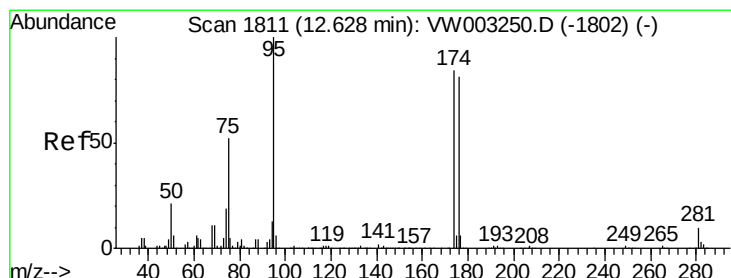
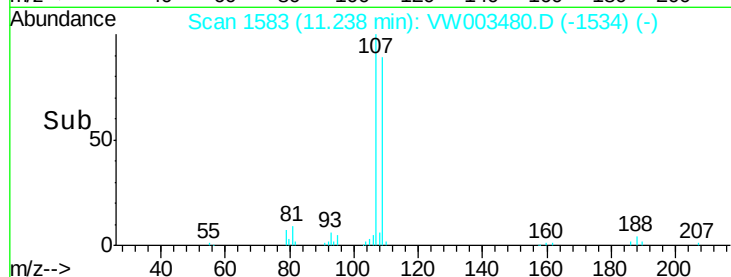
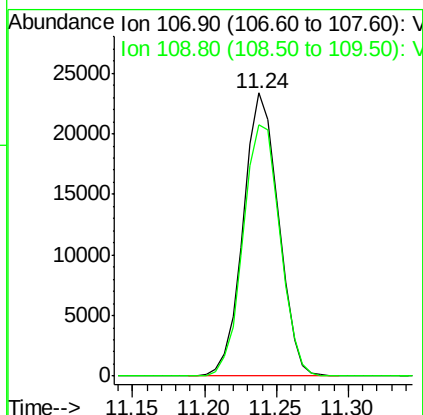
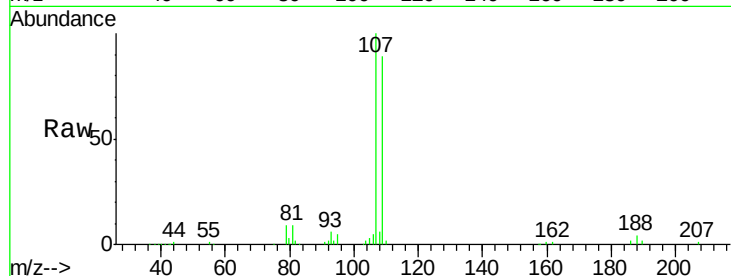




#61
 1,2-Dibromoethane
 Concen: 20.908 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

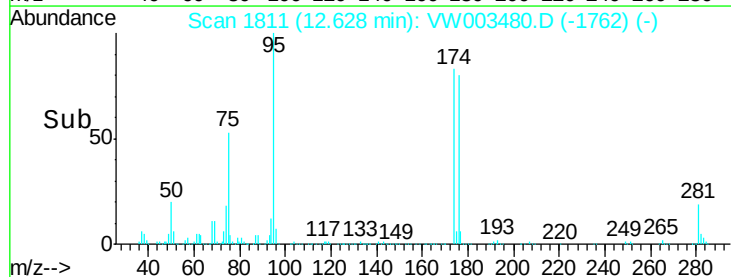
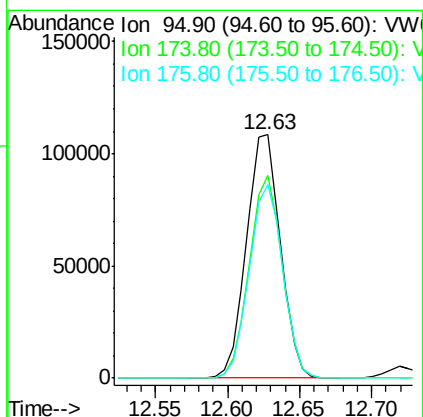
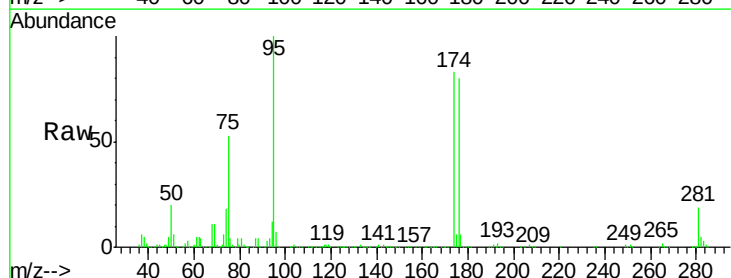
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

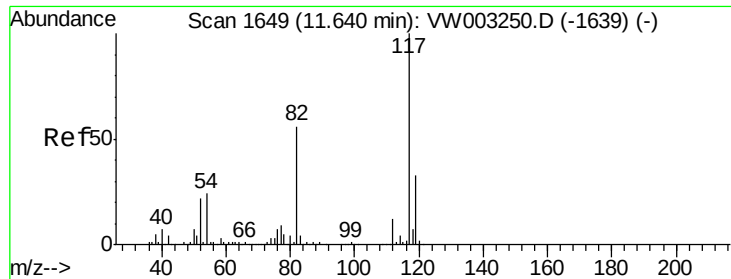
Tgt Ion: 107 Resp: 39541
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.445 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion: 95 Resp: 176278
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 166.4
 176 78.4 0.0 162.0

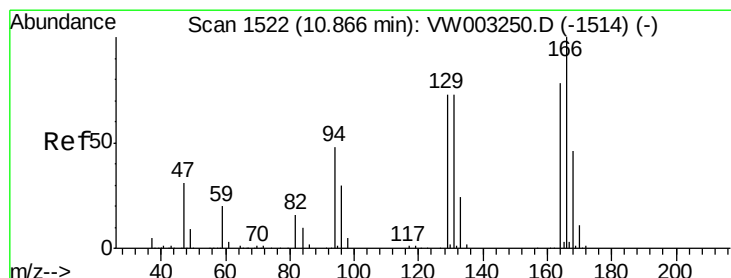
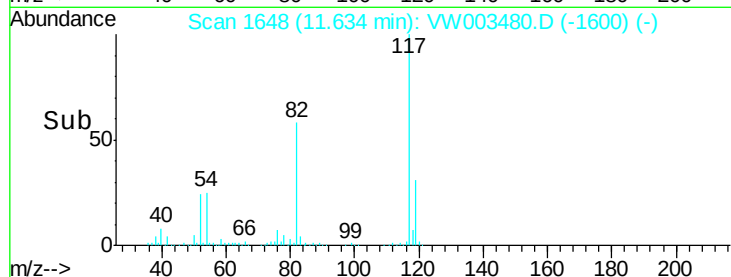
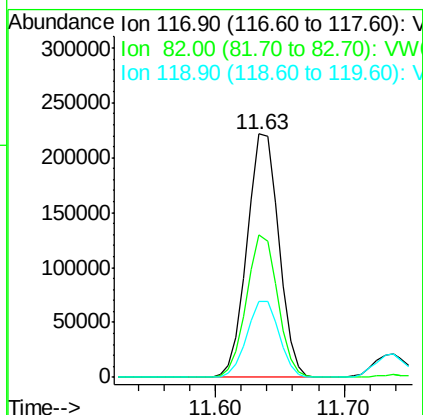
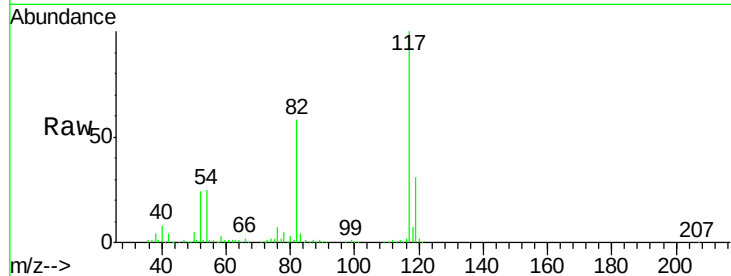




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

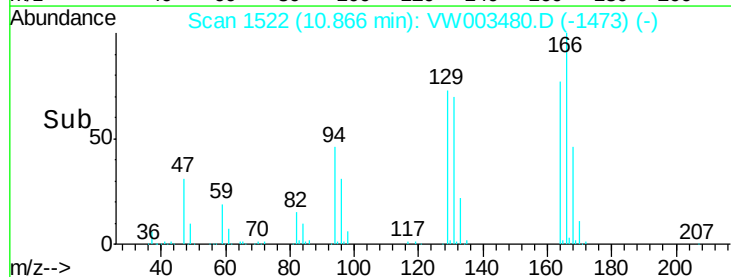
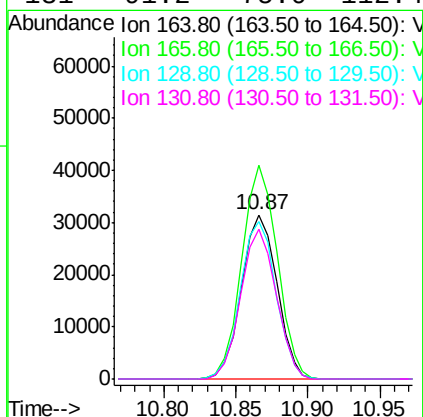
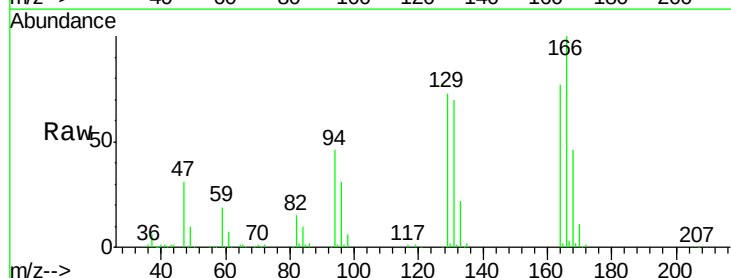
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD02

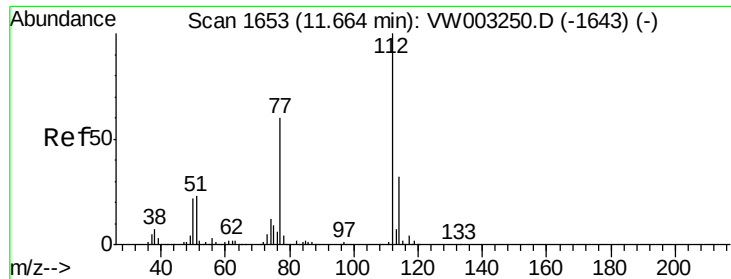
Tgt Ion:117 Resp: 377143
Ion Ratio Lower Upper
117 100
82 58.3 44.6 67.0
119 31.4 26.7 40.1



#64
Tetrachloroethene
Concen: 21.380 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion:164 Resp: 53933
Ion Ratio Lower Upper
164 100
166 129.9 102.6 154.0
129 95.4 75.2 112.8
131 91.2 75.0 112.4





#65

Chlorobenzene

Concen: 20.134 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

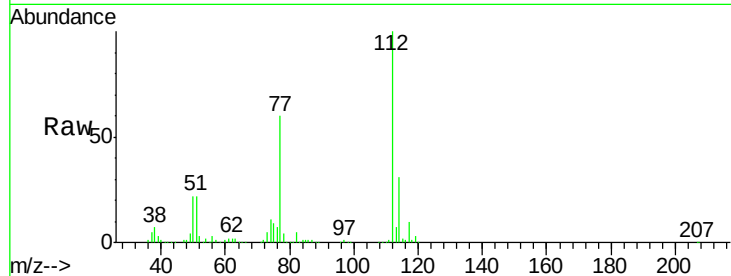
VW0623SBSD02

Tgt Ion:112 Resp: 158126

Ion Ratio Lower Upper

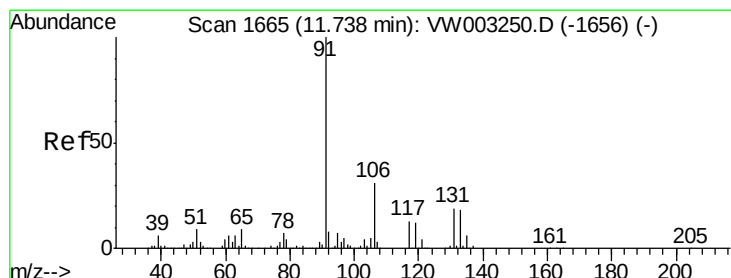
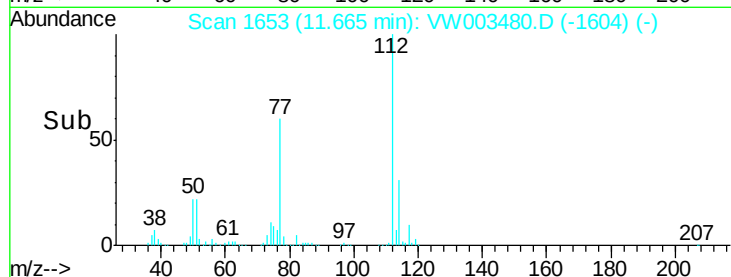
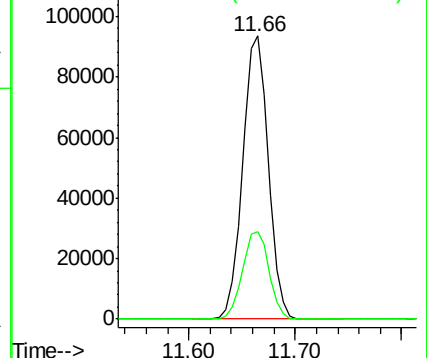
112 100

114 30.7 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.015 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

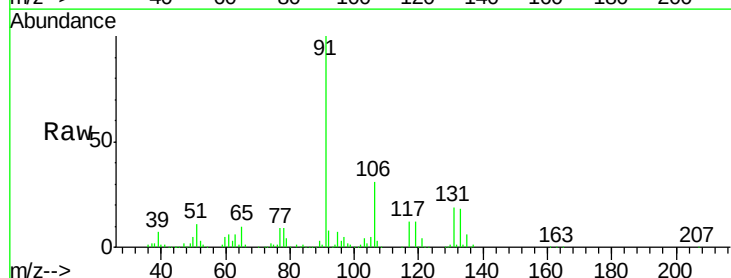
Tgt Ion:131 Resp: 55239

Ion Ratio Lower Upper

131 100

133 94.7 47.3 142.0

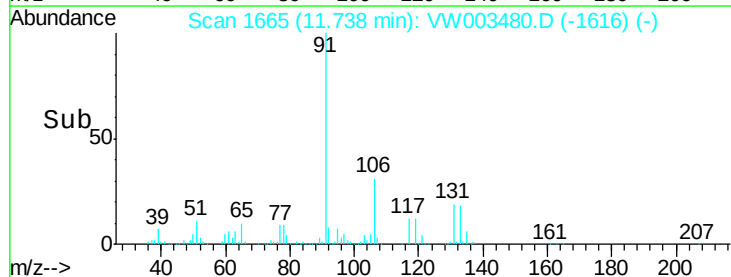
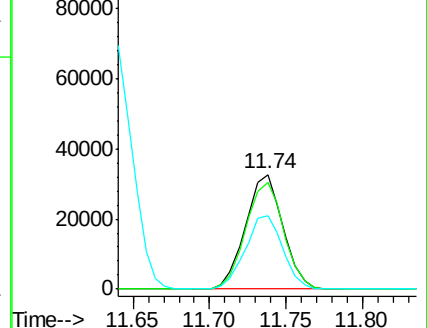
119 64.7 32.5 97.4

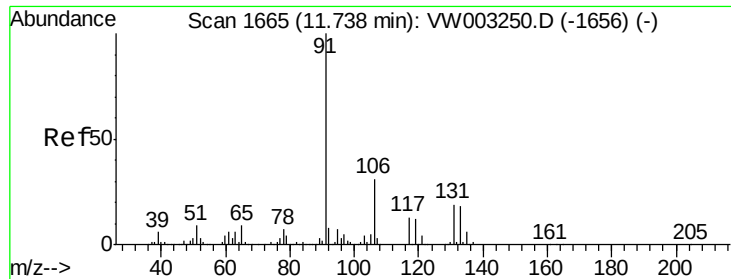


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

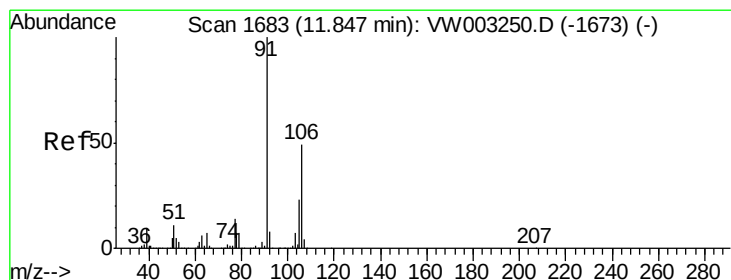
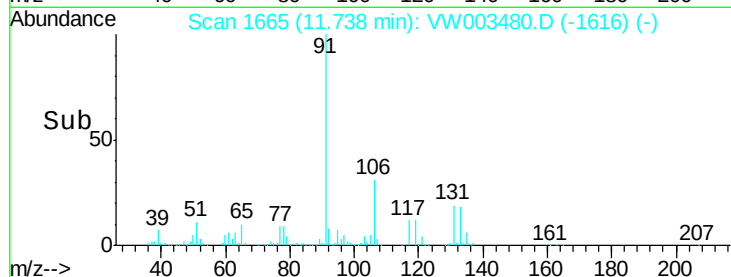
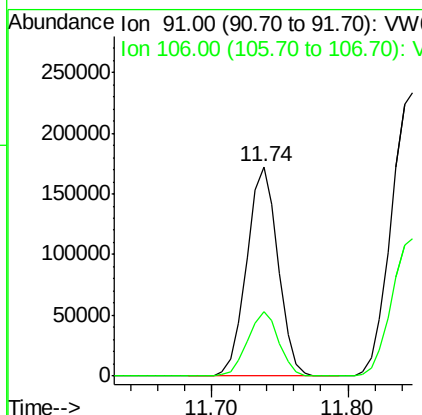
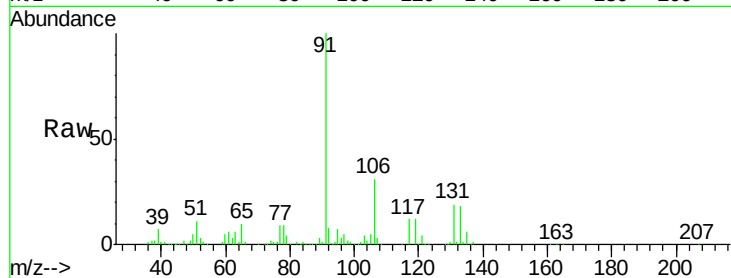




#67
Ethyl Benzene
Concen: 19.977 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

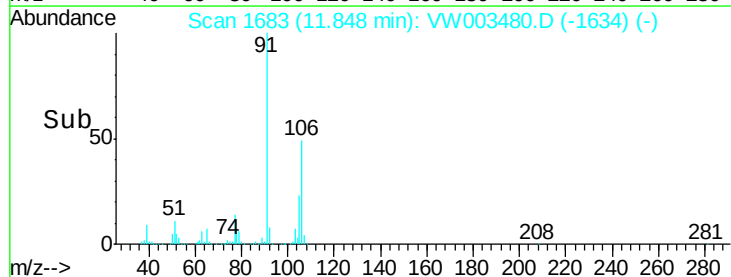
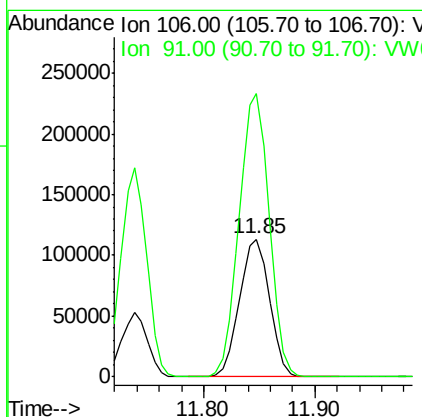
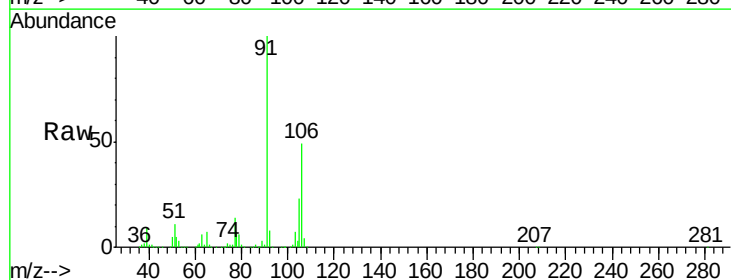
Instrument :
MSVOA_W
ClientSampled :
VW0623SBSD02

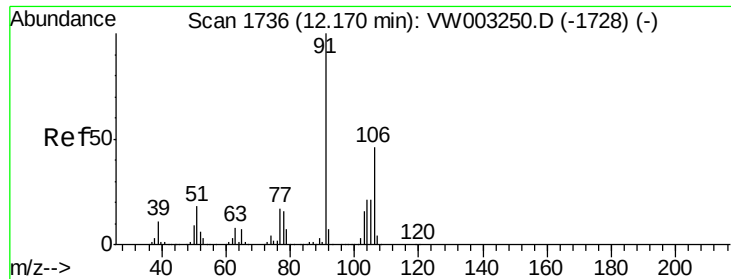
Tgt Ion: 91 Resp: 278118
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1



#68
m/p-Xylenes
Concen: 40.144 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion: 106 Resp: 212446
Ion Ratio Lower Upper
106 100
91 205.4 165.4 248.0

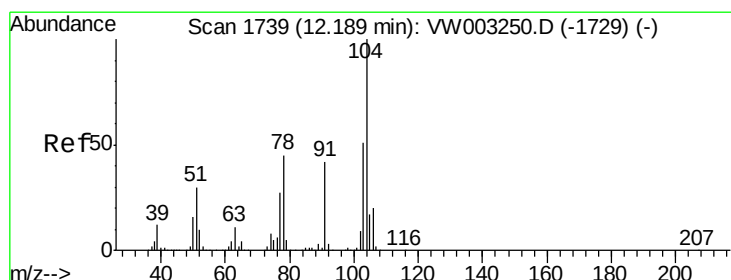
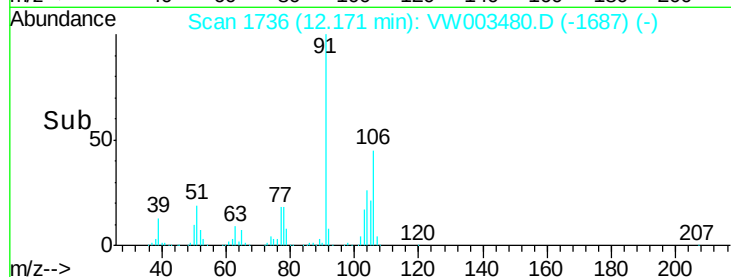
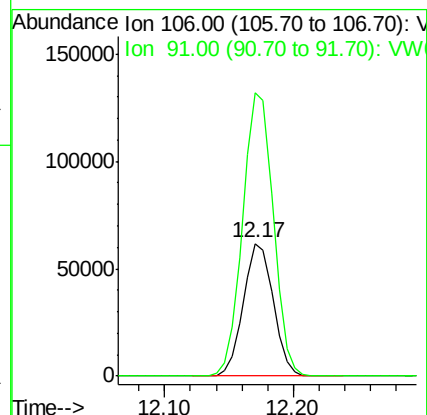
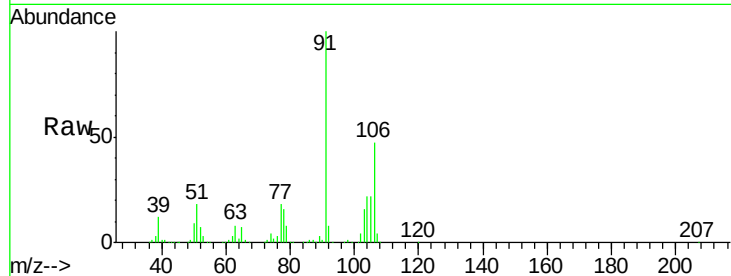




#69
o-Xylene
Concen: 20.213 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

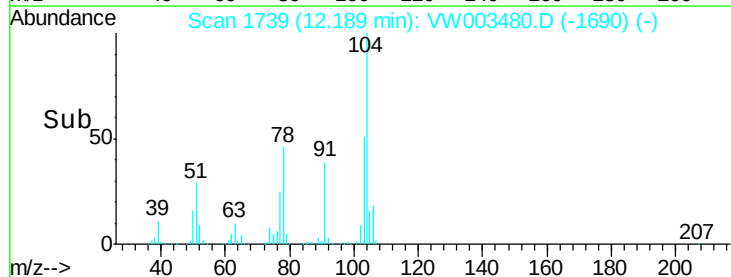
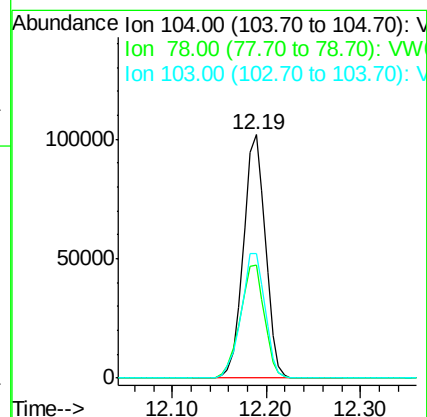
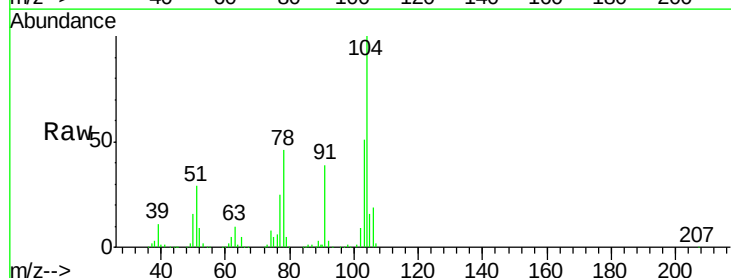
Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD02

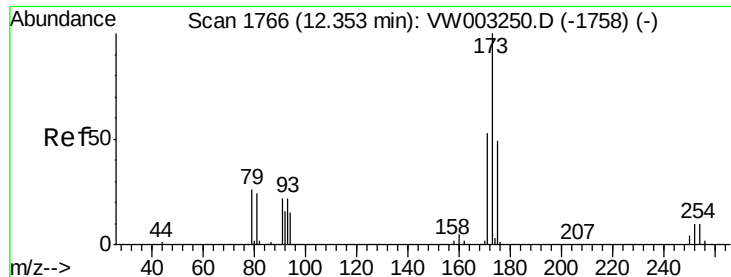
Tgt Ion:106 Resp: 99136
Ion Ratio Lower Upper
106 100
91 218.7 108.6 325.6



#70
Styrene
Concen: 20.324 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion:104 Resp: 165917
Ion Ratio Lower Upper
104 100
78 51.3 41.3 61.9
103 55.5 45.0 67.4





#71

Bromoform

Concen: 19.358 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD02

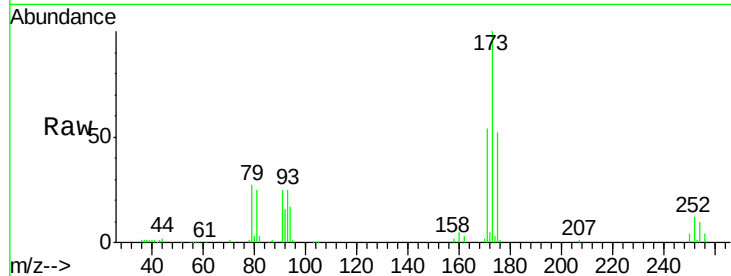
Tgt Ion:173 Resp: 27689

Ion Ratio Lower Upper

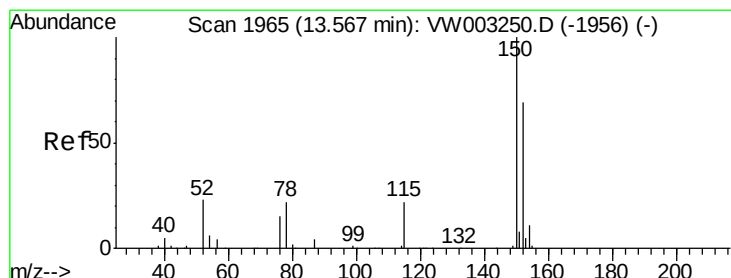
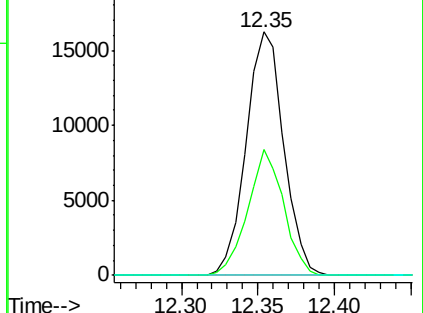
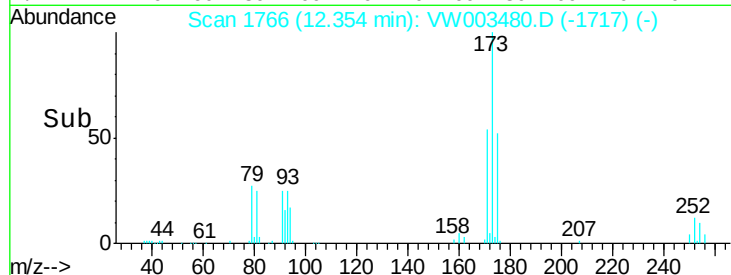
173 100

175 49.1 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: VW003480.D

Acq: 24 Jun 2018 01:29

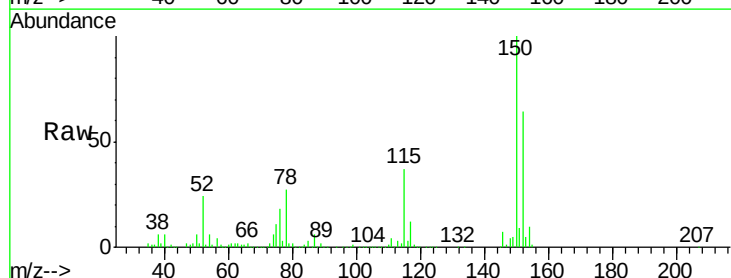
Tgt Ion:152 Resp: 200028

Ion Ratio Lower Upper

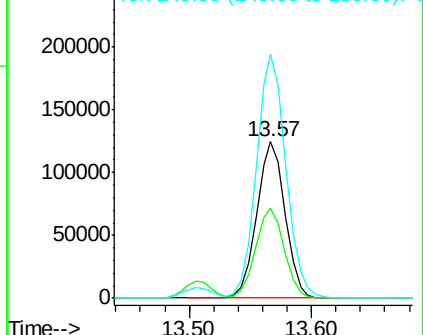
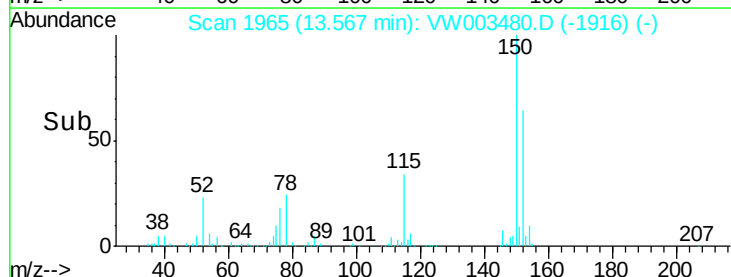
152 100

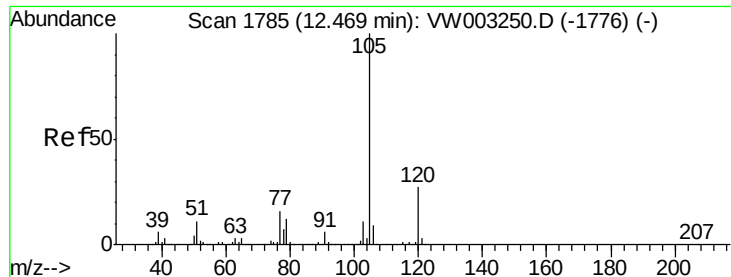
115 58.4 29.3 88.0

150 162.5 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: 19.859 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

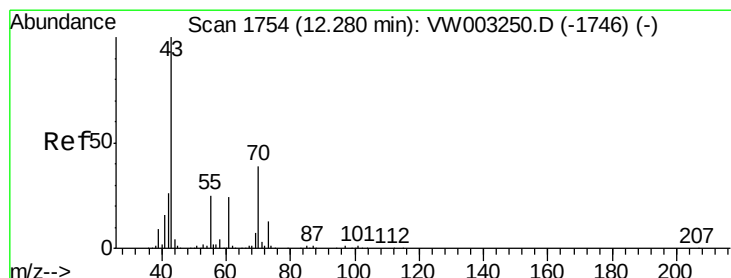
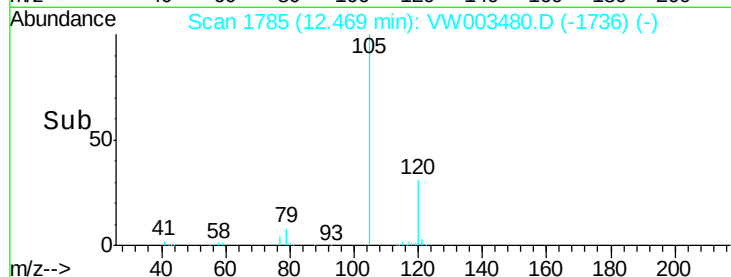
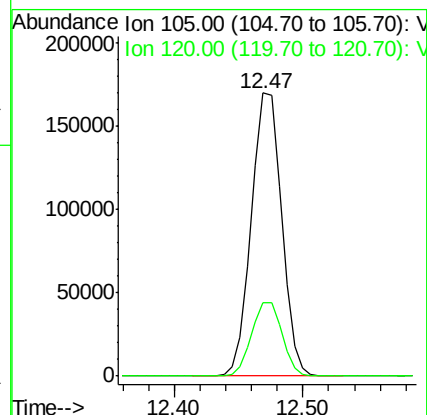
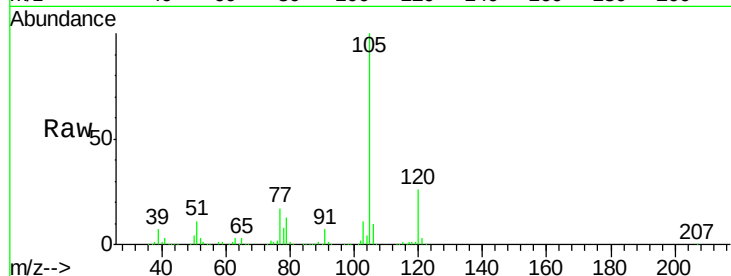
VW0623SBSD02

Tgt Ion:105 Resp: 276293

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 20.154 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Tgt Ion: 43 Resp: 63821

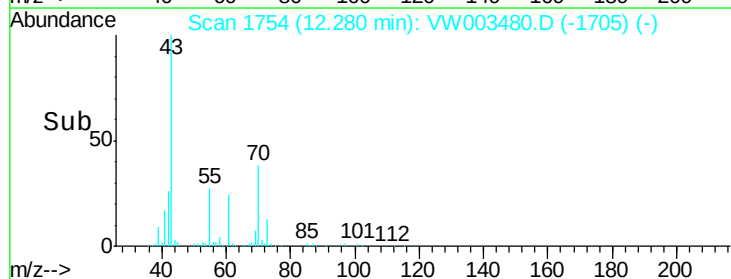
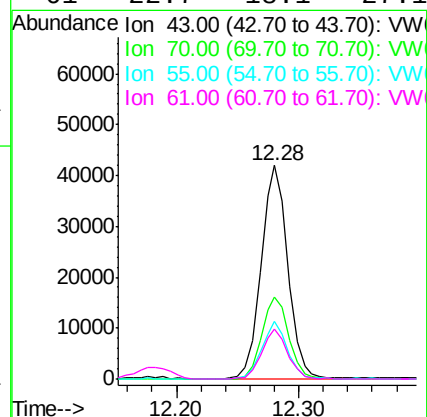
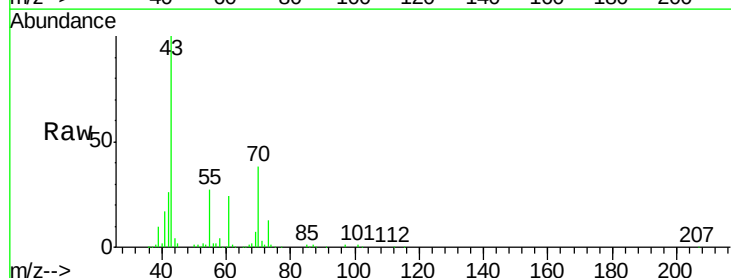
Ion Ratio Lower Upper

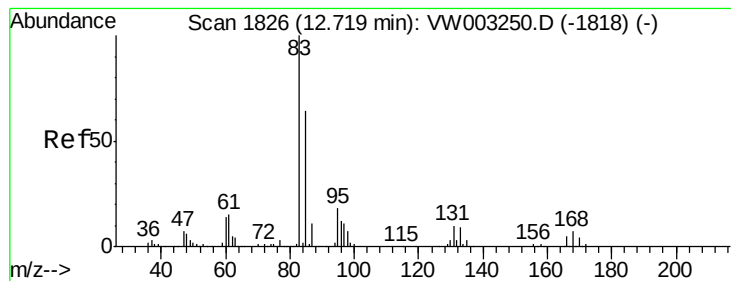
43 100

70 38.6 31.0 46.6

55 25.7 19.7 29.5

61 22.7 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.252 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

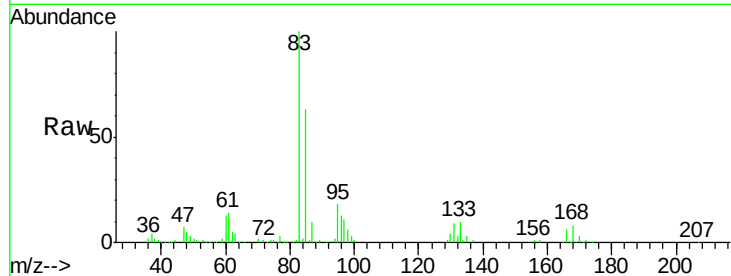
Tgt Ion: 83 Resp: 47669

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

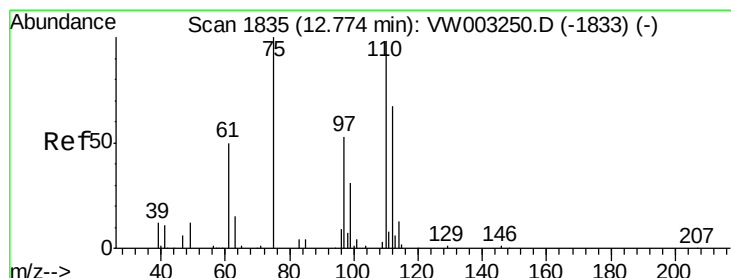
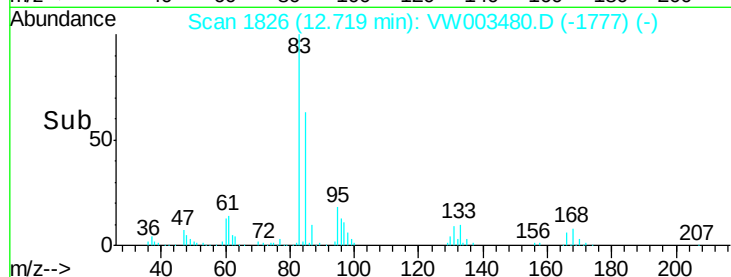
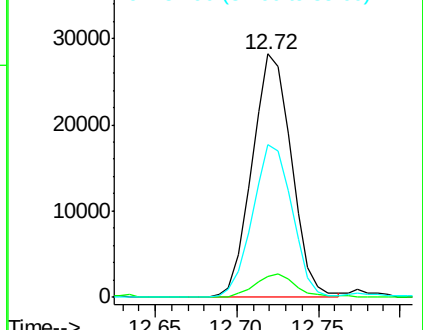
85 62.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.390 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW003480.D

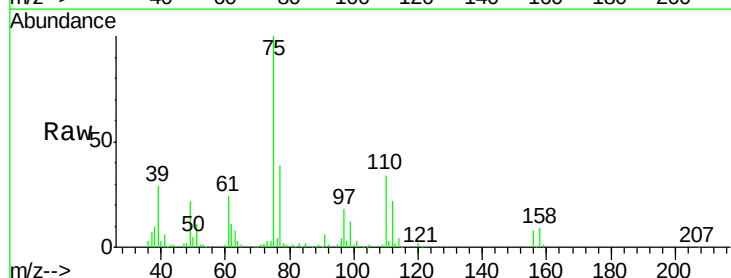
Acq: 24 Jun 2018 01:29

Tgt Ion: 75 Resp: 63938

Ion Ratio Lower Upper

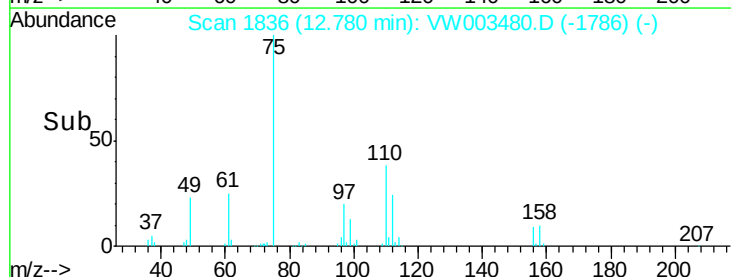
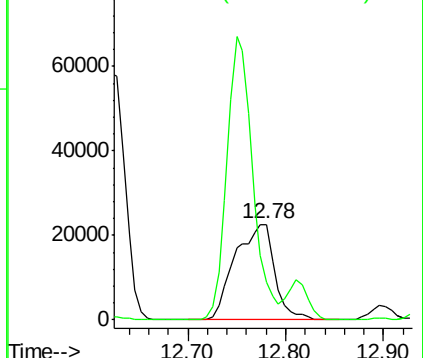
75 100

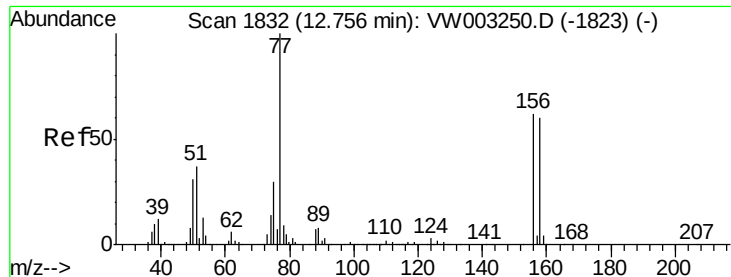
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.984 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD02

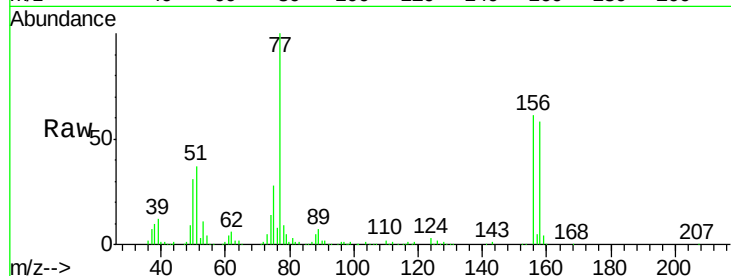
Tgt Ion:156 Resp: 64752

Ion Ratio Lower Upper

156 100

77 190.0 92.3 276.9

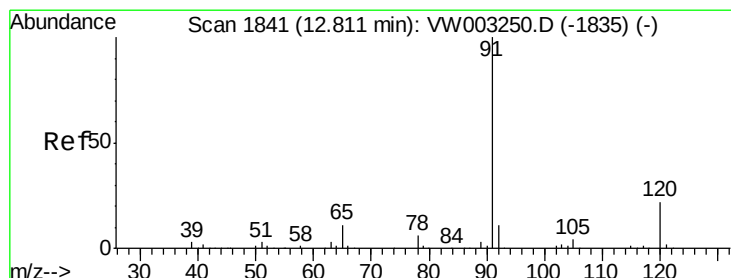
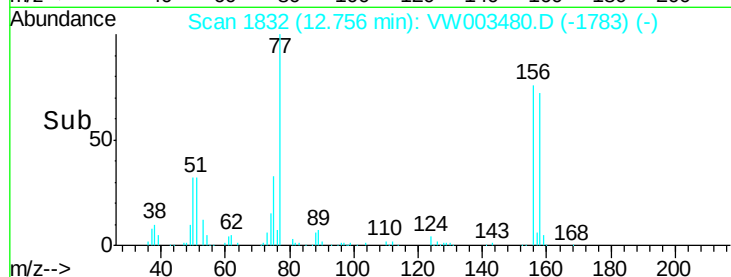
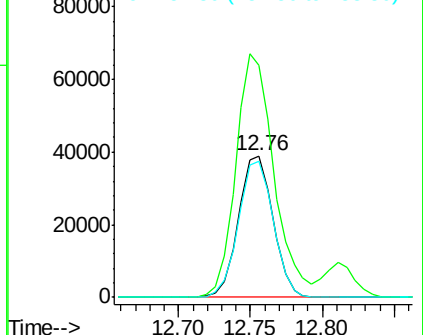
158 97.1 47.5 142.6



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: 20.117 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003480.D

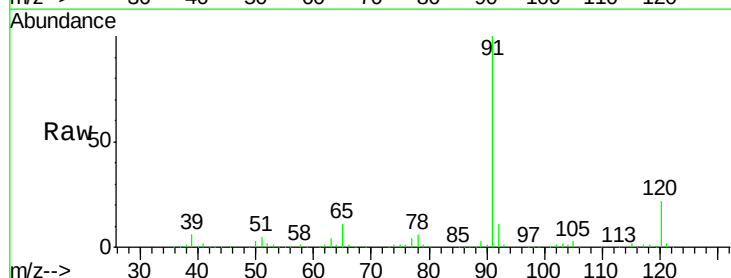
Acq: 24 Jun 2018 01:29

Tgt Ion: 91 Resp: 342708

Ion Ratio Lower Upper

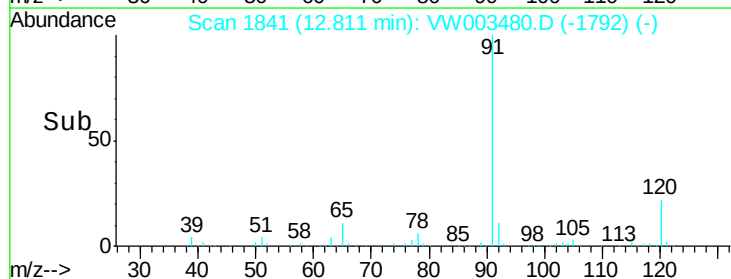
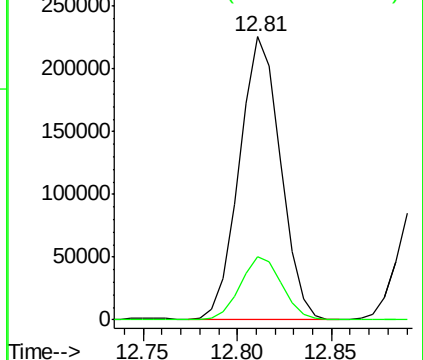
91 100

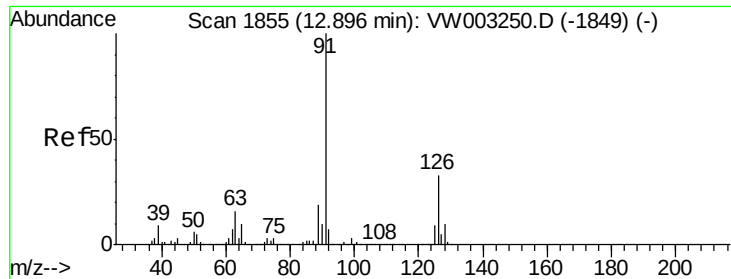
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.295 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

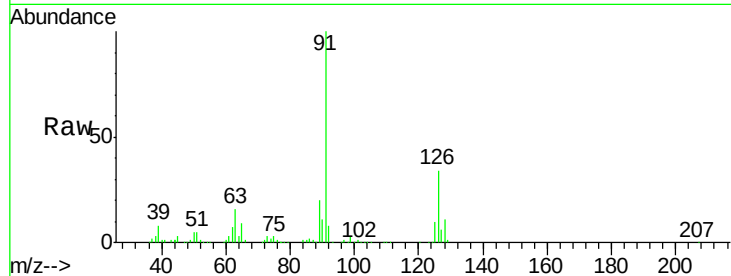
VW0623SBSD02

Tgt Ion: 91 Resp: 195391

Ion Ratio Lower Upper

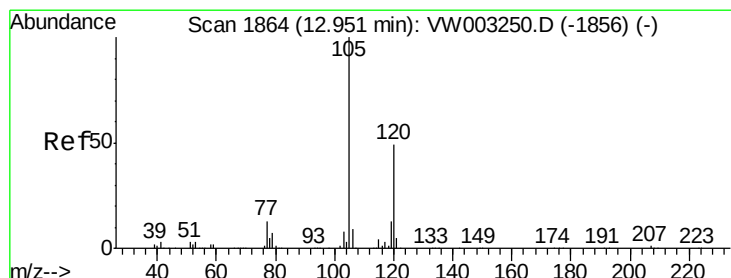
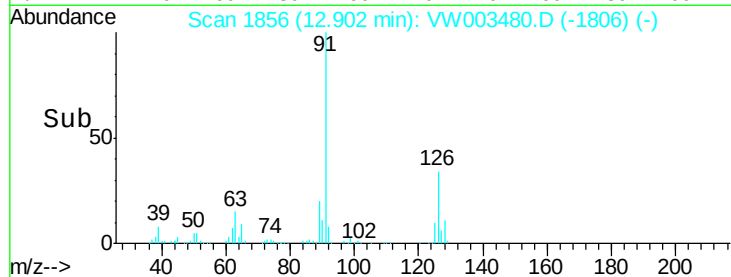
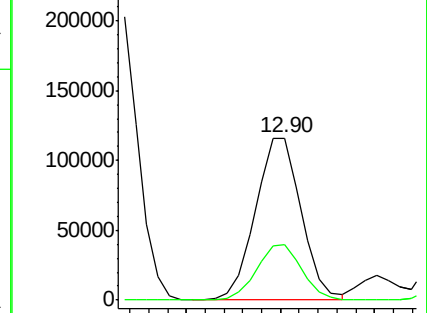
91 100

126 33.4 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.264 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003480.D

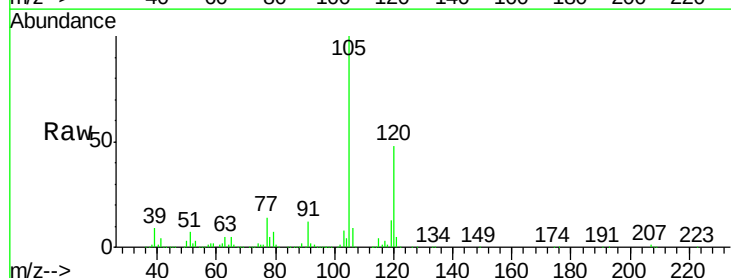
Acq: 24 Jun 2018 01:29

Tgt Ion: 105 Resp: 236646

Ion Ratio Lower Upper

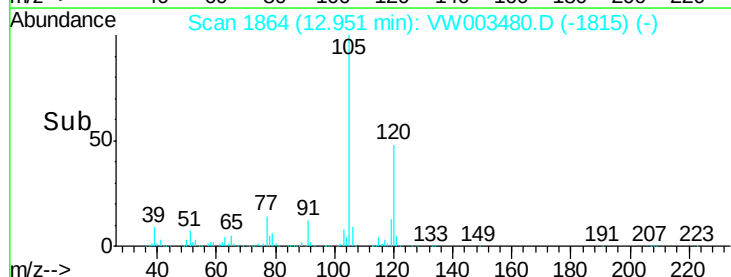
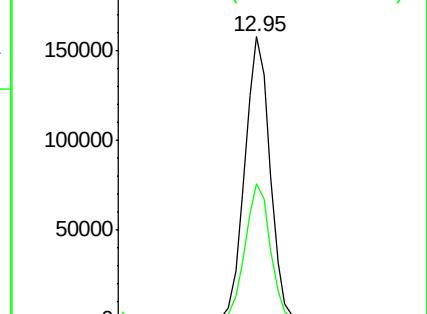
105 100

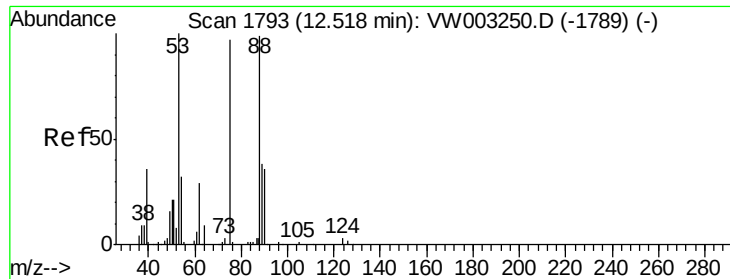
120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.169 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD02

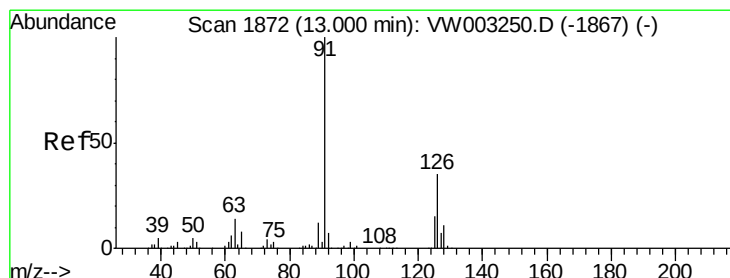
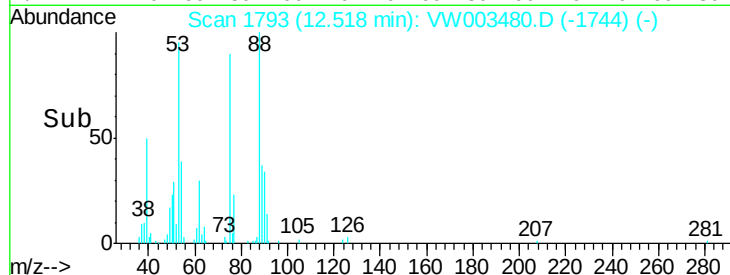
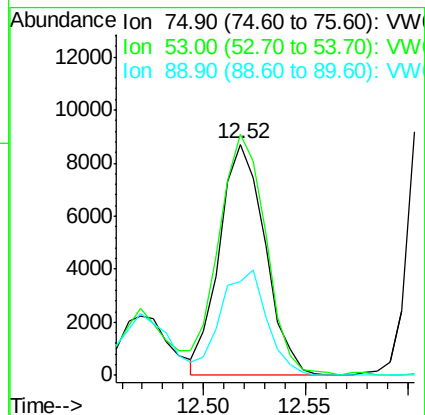
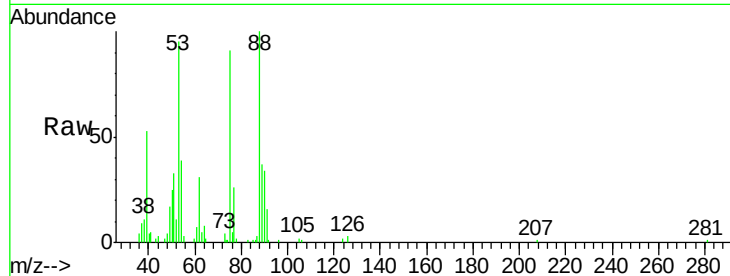
Tgt Ion: 75 Resp: 13502

Ion Ratio Lower Upper

75 100

53 107.5 82.9 124.3

89 46.1 36.7 55.1



#82

4-Chlorotoluene

Concen: 20.222 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW003480.D

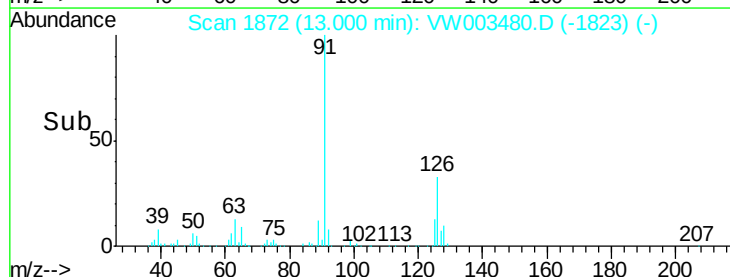
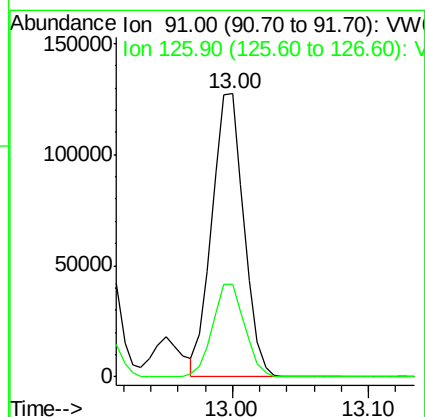
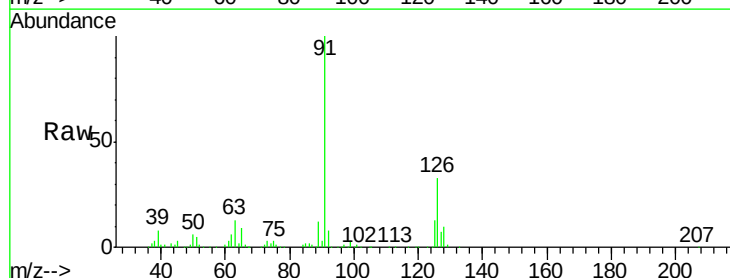
Acq: 24 Jun 2018 01:29

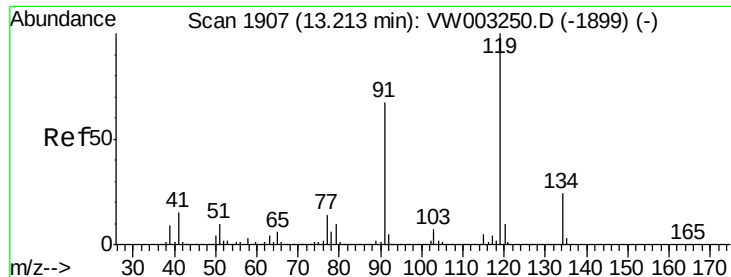
Tgt Ion: 91 Resp: 206523

Ion Ratio Lower Upper

91 100

126 33.0 16.8 50.3

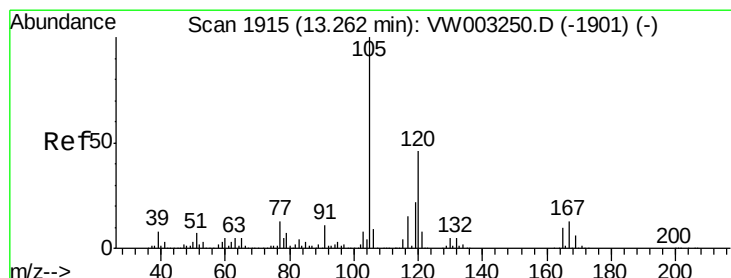
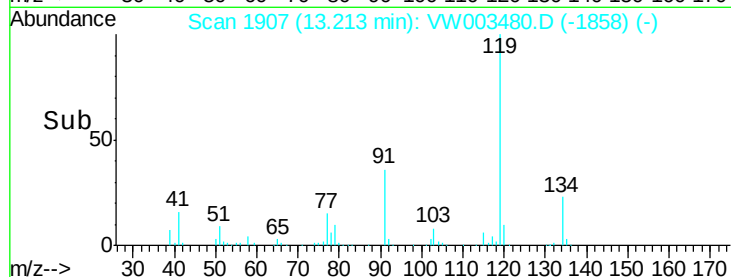
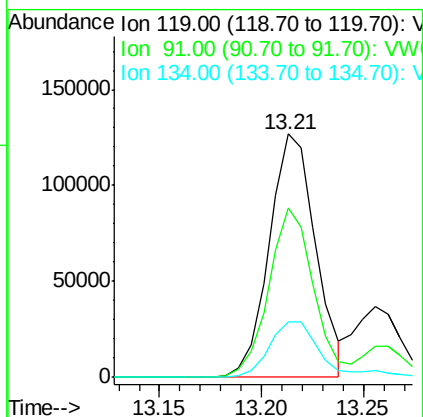
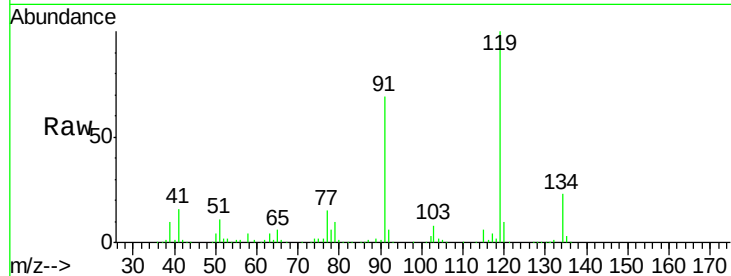




#83
 tert-Butylbenzene
 Concen: 20.156 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

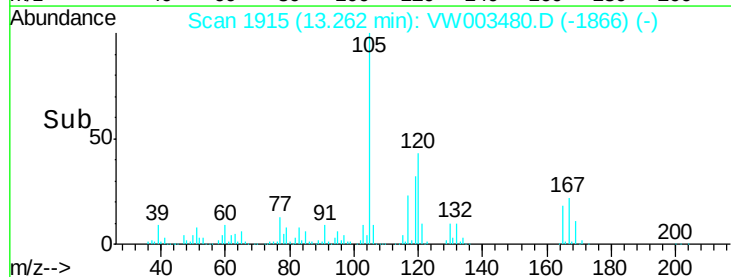
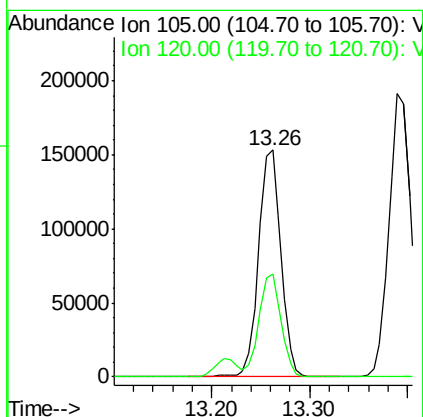
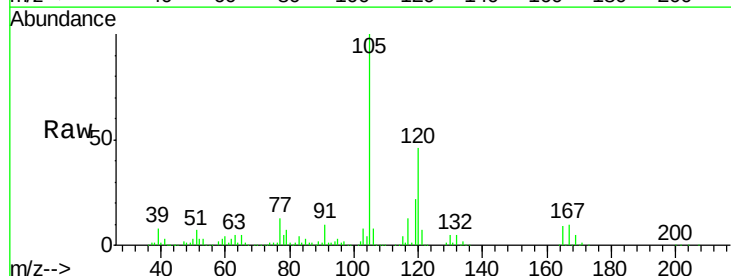
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

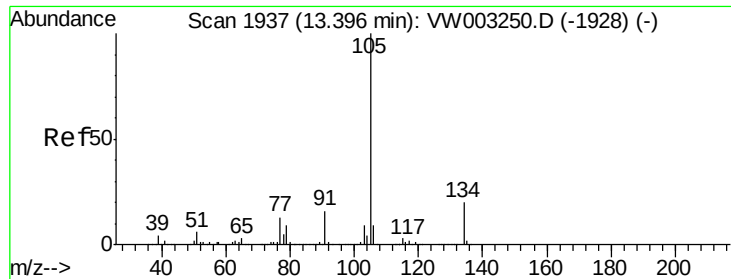
Tgt Ion:119 Resp: 200598
 Ion Ratio Lower Upper
 119 100
 91 67.6 33.9 101.7
 134 26.0 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.197 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion:105 Resp: 242626
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.5 67.5

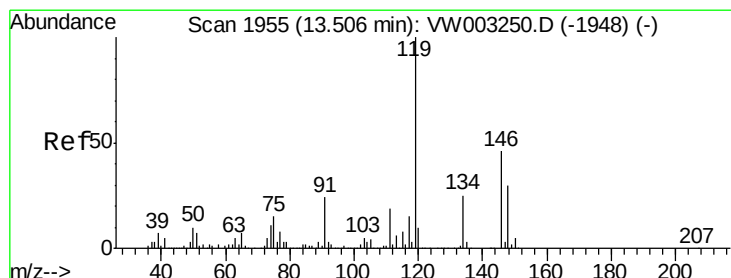
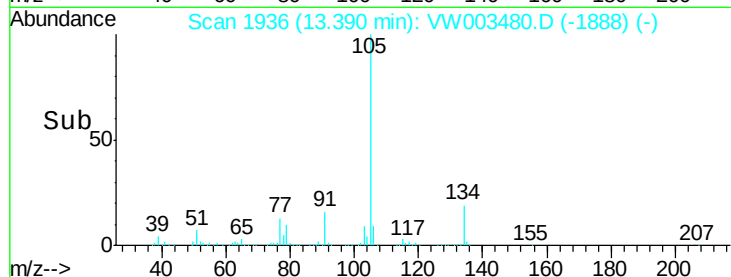
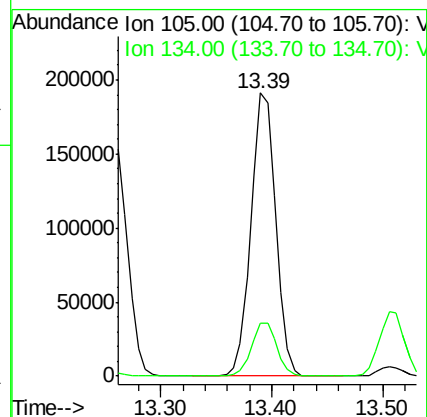
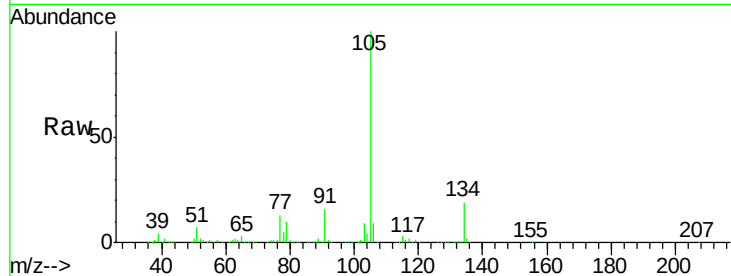




#85
 sec-Butylbenzene
 Concen: 20.017 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

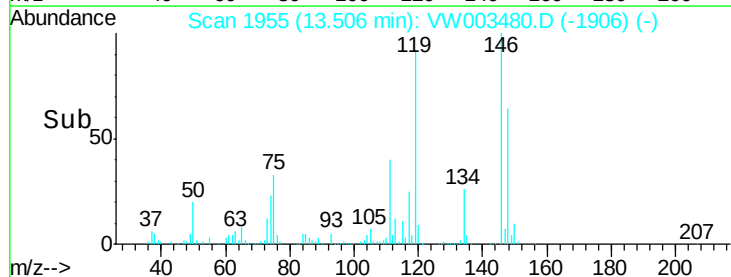
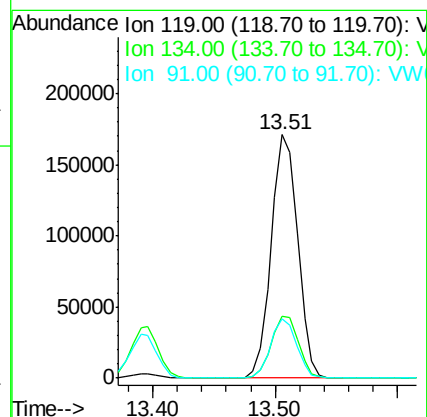
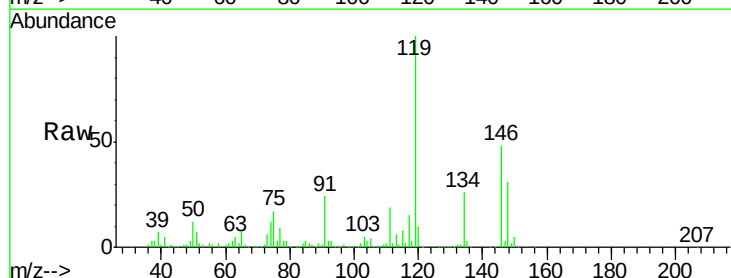
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

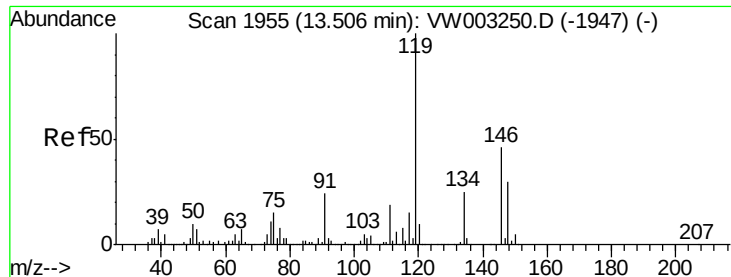
Tgt Ion:105 Resp: 296118
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.819 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion:119 Resp: 258589
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 24.1 11.8 35.3

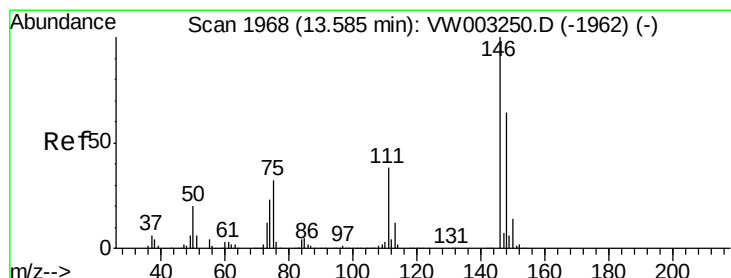
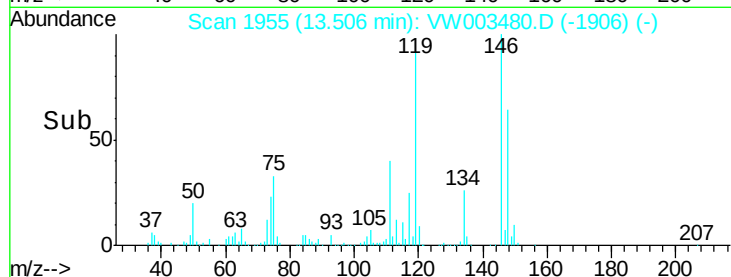
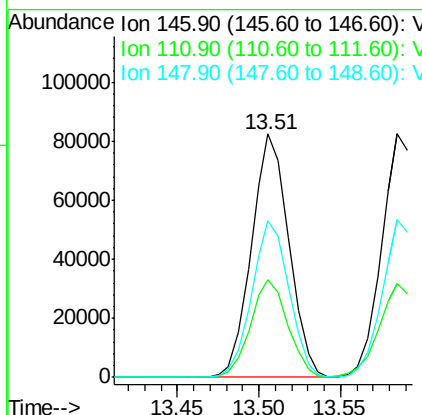
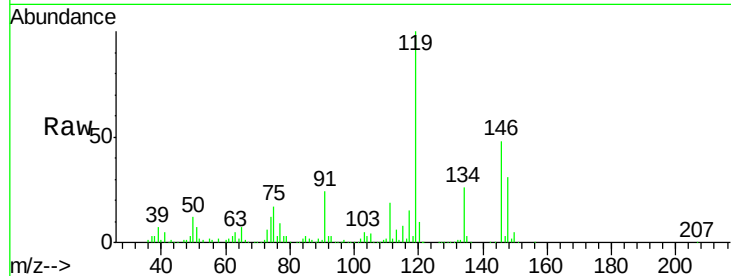




#87
 1,3-Dichlorobenzene
 Concen: 19.682 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

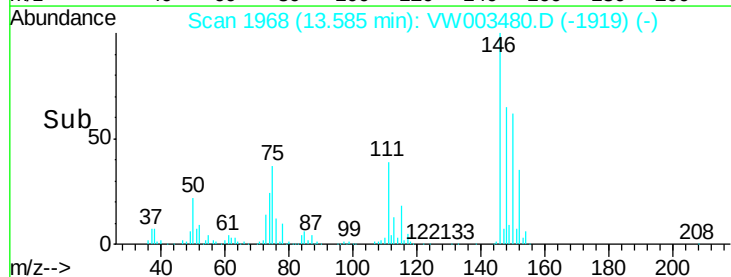
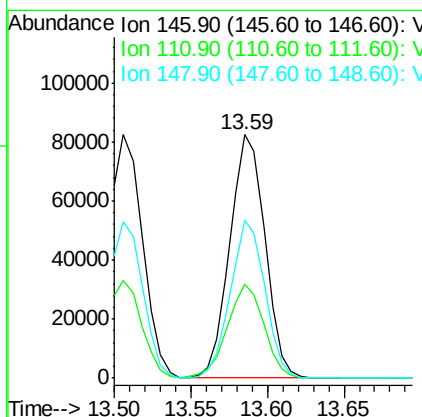
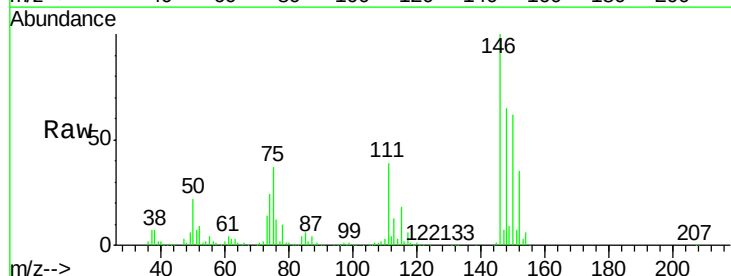
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBSD02

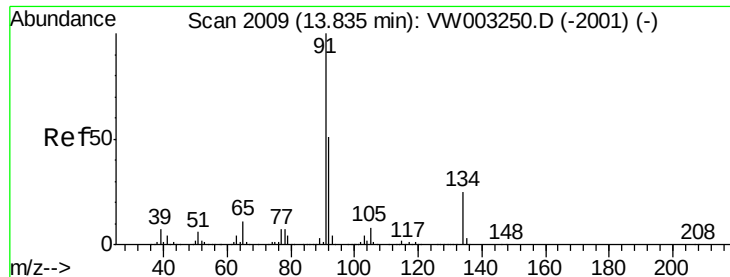
Tgt Ion:146 Resp: 131008
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.8 59.4
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.875 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion:146 Resp: 131519
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.2 57.6
 148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 19.489 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBS02

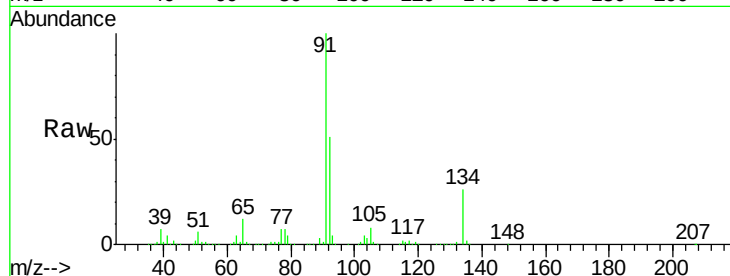
Tgt Ion: 91 Resp: 247866

Ion Ratio Lower Upper

91 100

92 51.5 26.0 78.0

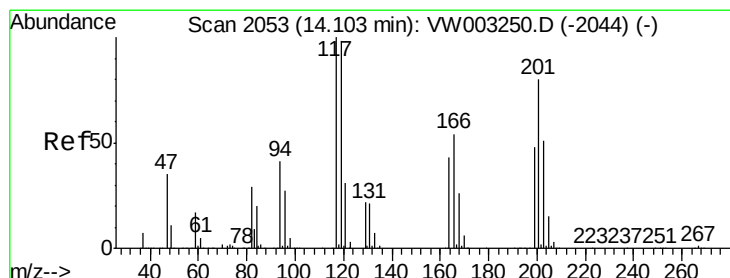
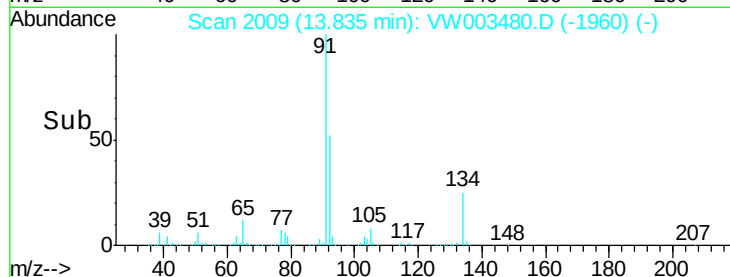
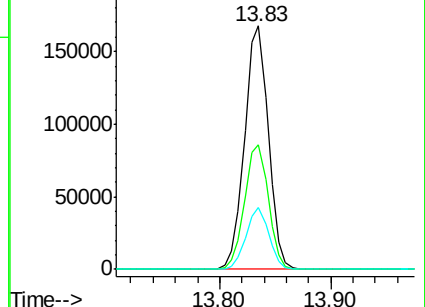
134 24.7 12.7 38.0



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): VW



#90

Hexachloroethane

Concen: 19.983 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003480.D

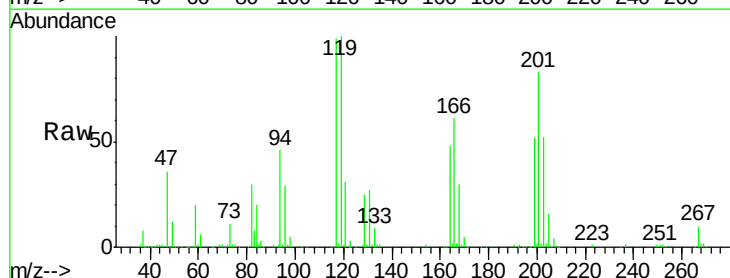
Acq: 24 Jun 2018 01:29

Tgt Ion: 117 Resp: 47165

Ion Ratio Lower Upper

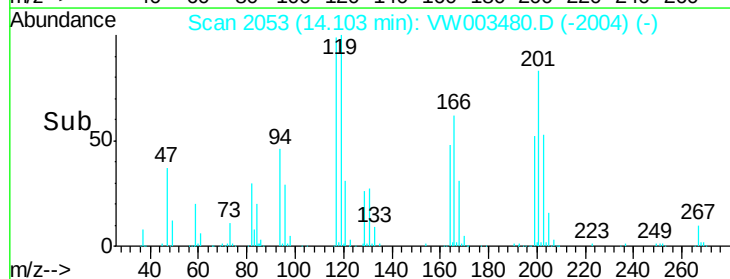
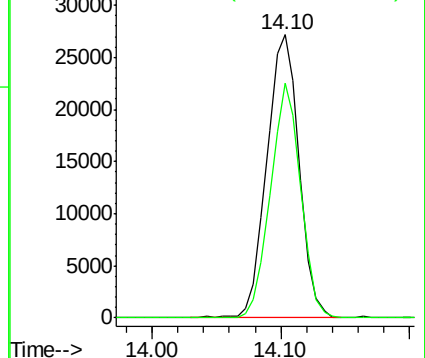
117 100

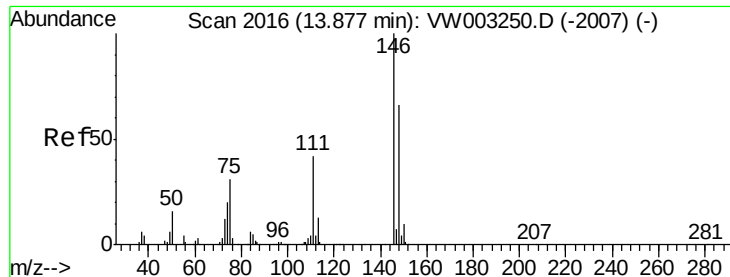
201 78.0 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.289 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBSD02

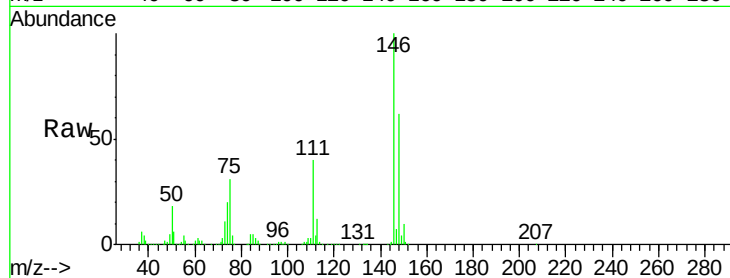
Tgt Ion:146 Resp: 118300

Ion Ratio Lower Upper

146 100

111 41.1 20.3 61.0

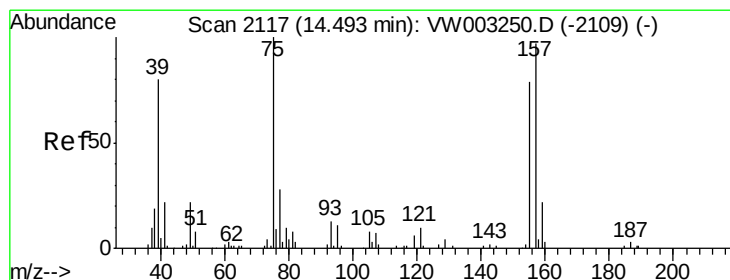
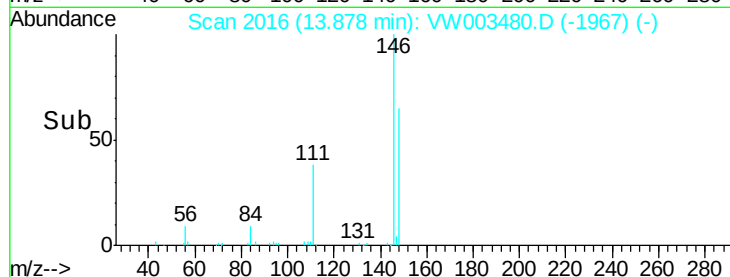
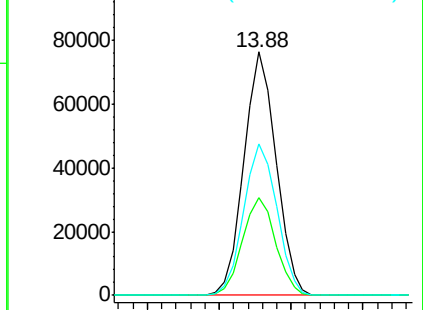
148 64.2 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.452 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW003480.D

Acq: 24 Jun 2018 01:29

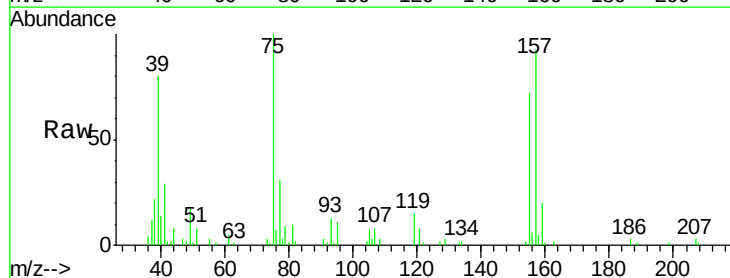
Tgt Ion: 75 Resp: 8101

Ion Ratio Lower Upper

75 100

155 79.1 39.4 118.2

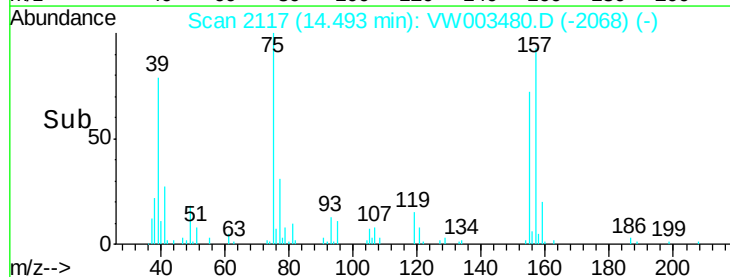
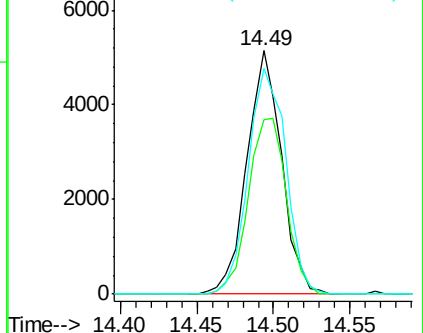
157 100.4 51.5 154.5

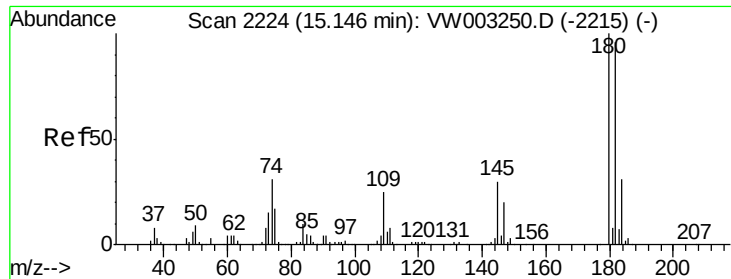


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

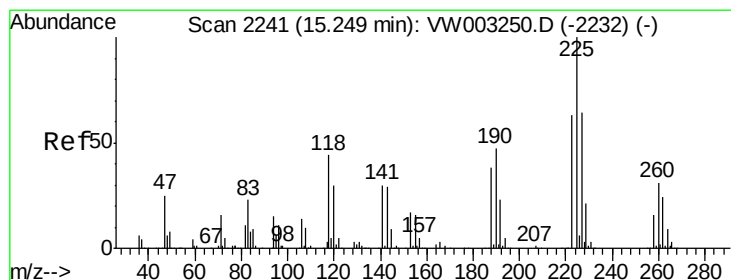
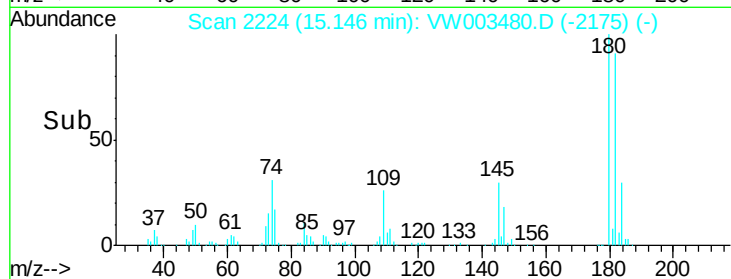
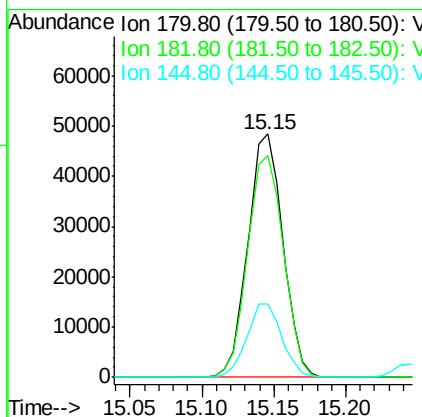
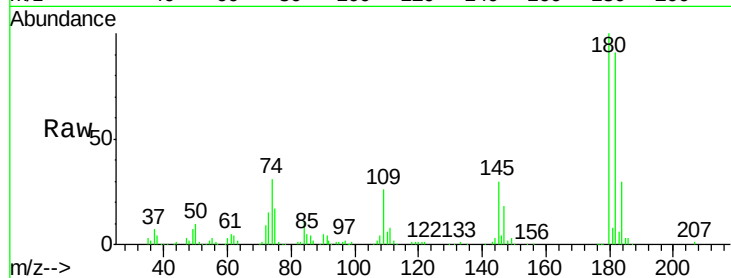




#93
 1,2,4-Trichlorobenzene
 Concen: 19.845 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

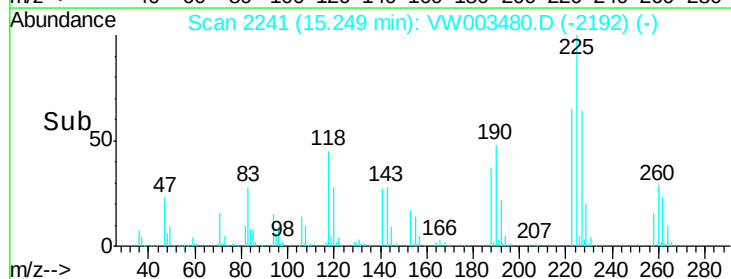
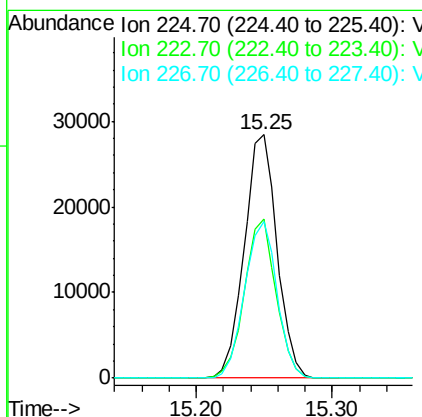
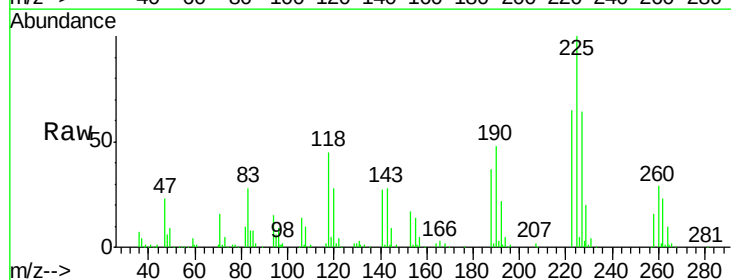
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBS02

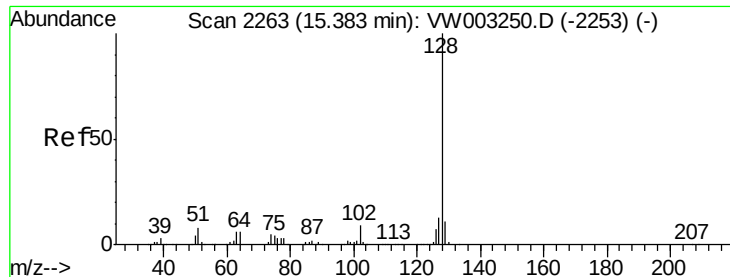
Tgt Ion:180 Resp: 81229
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.9 143.6
 145 30.3 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 19.432 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003480.D
 Acq: 24 Jun 2018 01:29

Tgt Ion:225 Resp: 47844
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.6 92.0
 227 63.9 31.7 95.1

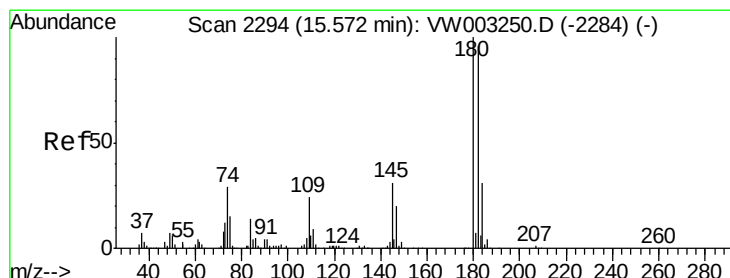
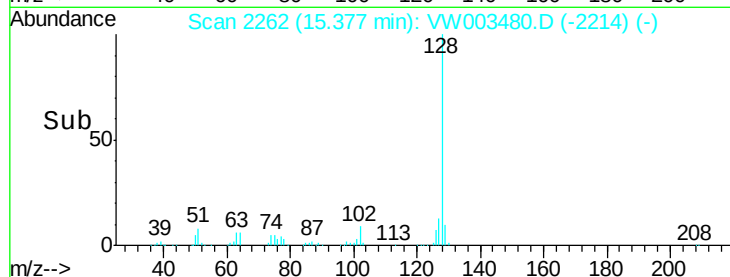
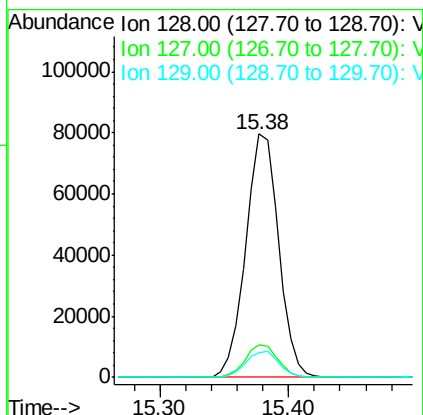
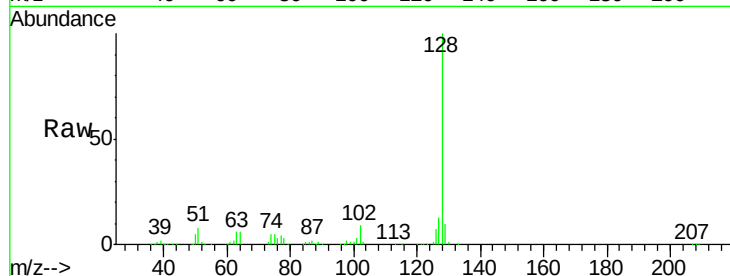




#95
Naphthalene
Concen: 20.146 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD02

Tgt Ion:128 Resp: 139876
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.868 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003480.D
Acq: 24 Jun 2018 01:29

Tgt Ion:180 Resp: 71581
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.6
145 32.3 15.8 47.4

