

Data File : VW002346.D

Acq On : 10 May 2018 00:05

Operator : JC/SY

Sample : VW0509SBS01

Misc : 5.00G/5ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Quant Time: May 10 05:49:08 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:57:58 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	301532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112355	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.88	113	103994	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	10.33	98	395879	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.63	95	142851	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	12019	15.89	ug/l	91
3) Chloromethane	2.21	50	31966	20.81	ug/l	96
4) Vinyl Chloride	2.36	62	48531	19.15	ug/l	97
5) Bromomethane	2.77	94	45305	22.23	ug/l	99
6) Chloroethane	2.92	64	36459	21.33	ug/l	98
7) Trichlorofluoromethane	3.24	101	18239	17.63	ug/l	96
8) Diethyl Ether	3.67	74	32010	27.64	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	35913	19.65	ug/l	99
10) Methyl Iodide	4.25	142	63137	21.29	ug/l	99
11) Tert butyl alcohol	5.18	59	16203	104.87	ug/l #	78
12) 1,1-Dichloroethene	4.03	96	36162	19.96	ug/l	98
13) Acrolein	3.88	56	13077	101.09	ug/l	100
14) Allyl chloride	4.65	41	53736	20.18	ug/l	98
15) Acrylonitrile	5.37	53	49055	107.97	ug/l	98
16) Acetone	4.12	43	45306	109.13	ug/l	92
17) Carbon Disulfide	4.37	76	105377	20.00	ug/l	100
18) Methyl Acetate	4.67	43	25734	20.66	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	68588	21.65	ug/l	99
20) Methylene Chloride	4.90	84	47293	23.63	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	41058	20.99	ug/l	94
22) Diisopropyl ether	6.31	45	125402	21.49	ug/l	98
23) Vinyl Acetate	6.25	43	374669	107.20	ug/l	99
24) 1,1-Dichloroethane	6.21	63	75252	21.27	ug/l	97
25) 2-Butanone	7.17	43	67480	109.47	ug/l	100
26) 2,2-Dichloropropane	7.17	77	36779	20.85	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	47394	21.50	ug/l	99
28) Bromochloromethane	7.51	49	33625	21.01	ug/l #	98
29) Tetrahydrofuran	7.53	42	43144	106.72	ug/l	100
30) Chloroform	7.67	83	80009	21.59	ug/l	97
31) Cyclohexane	7.95	56	59194	18.74	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	57888	20.79	ug/l	97
36) 1,1-Dichloropropene	8.08	75	56646	19.65	ug/l	99
37) Ethyl Acetate	7.26	43	28401	20.21	ug/l	98
38) Carbon Tetrachloride	8.06	117	54498	19.54	ug/l	99

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Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Quant Time: May 10 05:49:08 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:57:58 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62482	18.57	ug/l	100
40) Benzene	8.32	78	174419	20.69	ug/l	99
41) Methacrylonitrile	7.48	41	15884	19.73	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	54037	20.56	ug/l	99
43) Isopropyl Acetate	8.43	43	55437	20.80	ug/l	99
44) Trichloroethene	9.09	130	46236	20.12	ug/l	99
45) 1,2-Dichloropropane	9.37	63	44449	21.05	ug/l	99
46) Dibromomethane	9.46	93	25373	21.50	ug/l	98
47) Bromodichloromethane	9.65	83	58016	20.83	ug/l	99
48) Methyl methacrylate	9.44	41	27038	20.89	ug/l	99
49) 1,4-Dioxane	9.45	88	8433	449.72	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	154488	105.05	ug/l	98
52) Toluene	10.40	92	108752	20.32	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	55913	20.41	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	64587	20.63	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	35104	21.12	ug/l	93
56) Ethyl methacrylate	10.65	69	41859	20.37	ug/l	99
57) 1,3-Dichloropropane	10.94	76	59588	21.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	102833	103.12	ug/l	99
59) 2-Hexanone	10.98	43	105195	104.58	ug/l	99
60) Dibromochloromethane	11.13	129	40544	20.67	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34728	21.38	ug/l	98
64) Tetrachloroethene	10.87	164	46853	20.19	ug/l	97
65) Chlorobenzene	11.66	112	126877	20.59	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	44209	20.13	ug/l	98
67) Ethyl Benzene	11.74	91	209364	19.77	ug/l	96
68) m/p-Xylenes	11.85	106	163377	39.98	ug/l	99
69) o-Xylene	12.18	106	77083	19.84	ug/l	99
70) Styrene	12.19	104	132021	20.46	ug/l	100
71) Bromoform	12.36	173	25164	19.98	ug/l #	98
73) Isopropylbenzene	12.48	105	208049	19.45	ug/l	100
74) N-amyl acetate	12.28	43	54687	20.43	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	42641	20.63	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	52617	36.03	ug/l #	14
77) Bromobenzene	12.76	156	55691	20.66	ug/l	98
78) n-propylbenzene	12.82	91	249493	19.68	ug/l	99
79) 2-Chlorotoluene	12.90	91	145341	19.91	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	182407	20.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11276	20.34	ug/l	96
82) 4-Chlorotoluene	13.00	91	156272	20.13	ug/l	99
83) tert-Butylbenzene	13.22	119	153905	19.87	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	187237	20.07	ug/l	99
85) sec-Butylbenzene	13.40	105	213805	19.33	ug/l	100
86) p-Isopropyltoluene	13.51	119	193621	19.58	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	108711	20.37	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	109323	20.52	ug/l	99
89) n-Butylbenzene	13.84	91	179610	19.41	ug/l	100
90) Hexachloroethane	14.10	117	35069	19.83	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	101878	21.04	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7828	21.90	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051018\
Quantitation Report (Not Reviewed)

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QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	71606	20.69	ug/l	97
94) Hexachlorobutadiene	15.26	225	38527	19.98	ug/l	99
95) Naphthalene	15.38	128	135901	21.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	65690	21.16	ug/l	99

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

Data File : VW002346.D

Acq On : 10 May 2018 00:05

Operator : JC/SY

Sample : VW0509SBS01

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

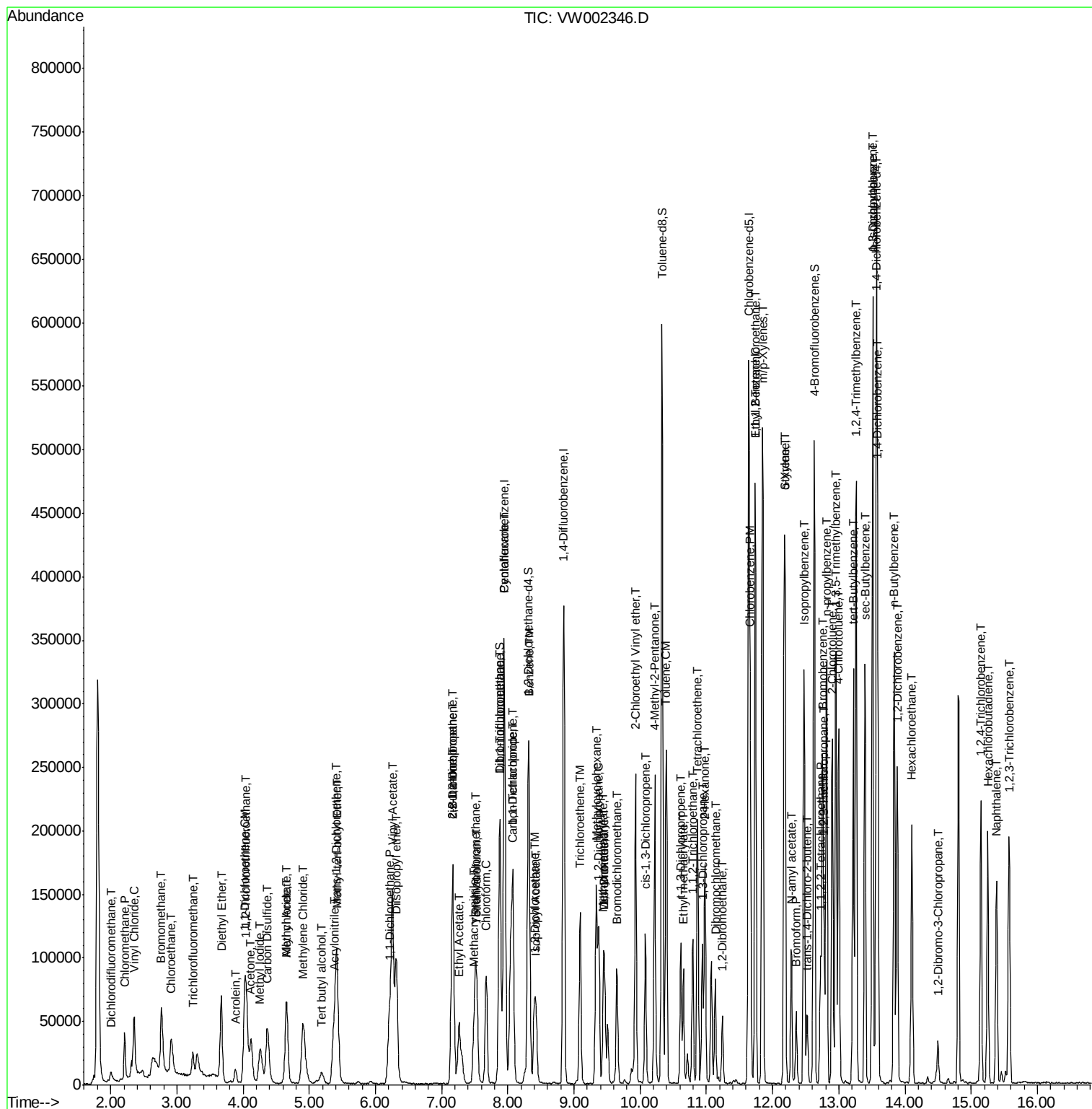
Quant Time: May 10 05:49:08 2018

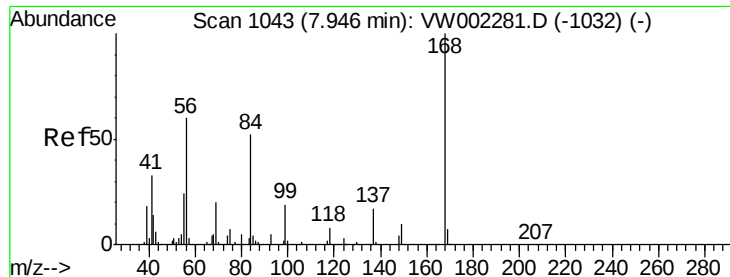
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:57:58 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

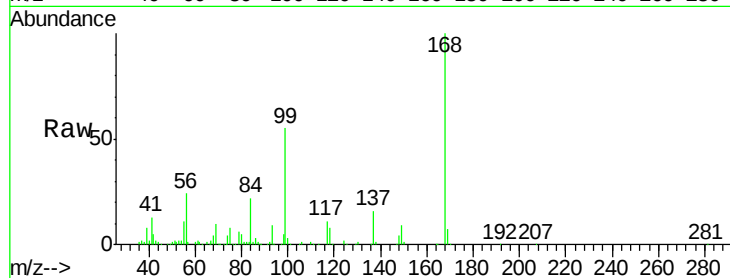
VW0509SBS01

Tgt Ion:168 Resp: 200170

Ion Ratio Lower Upper

168 100

99 55.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

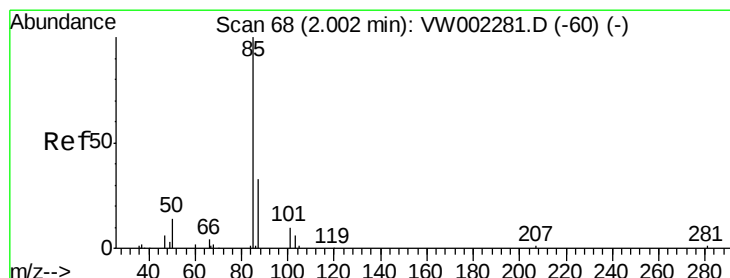
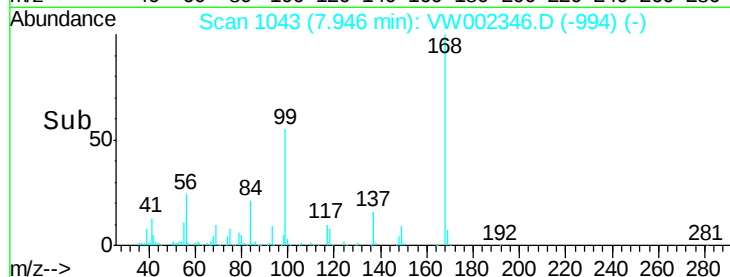
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 15.89 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002346.D

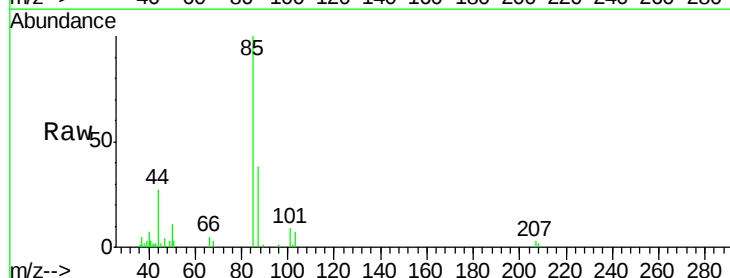
Acq: 10 May 2018 00:05

Tgt Ion: 85 Resp: 12019

Ion Ratio Lower Upper

85 100

87 37.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

4000

3000

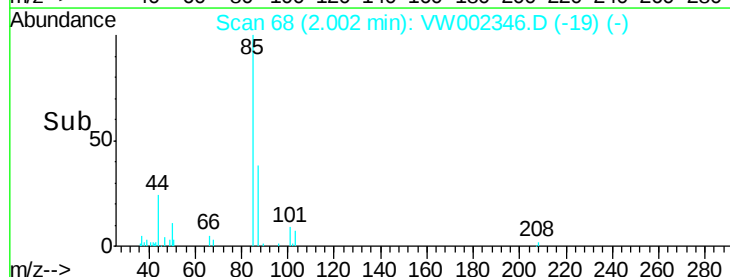
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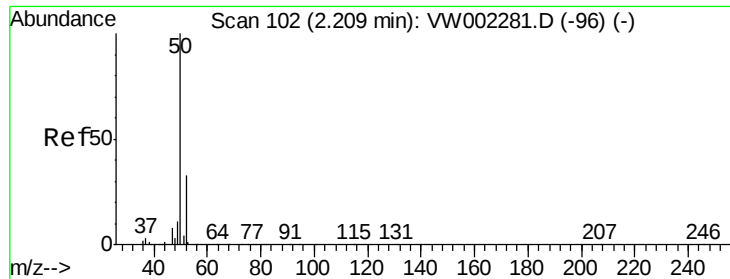
1000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.81 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

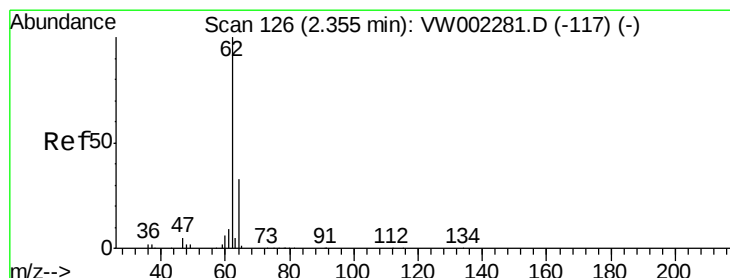
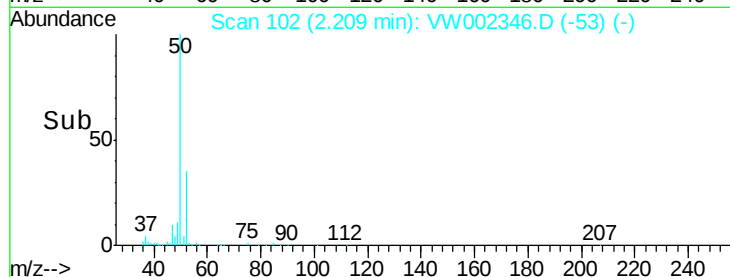
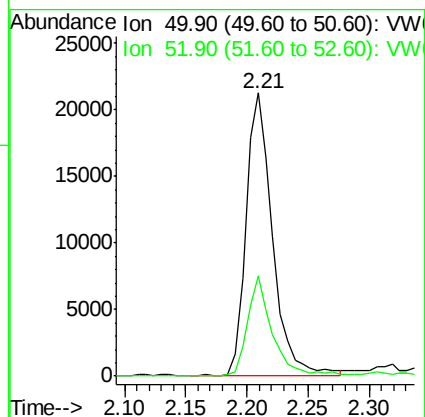
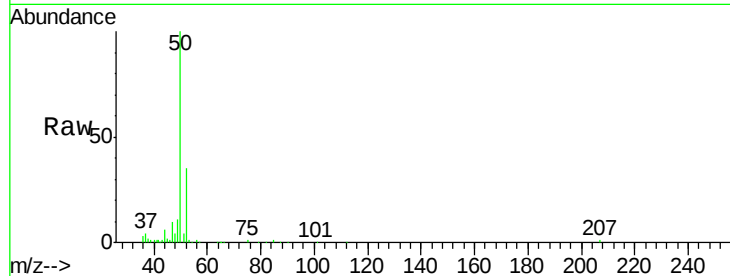
VW0509SBS01

Tgt Ion: 50 Resp: 31966

Ion Ratio Lower Upper

50 100

52 35.3 26.5 39.7



#4

Vinyl Chloride

Concen: 19.15 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002346.D

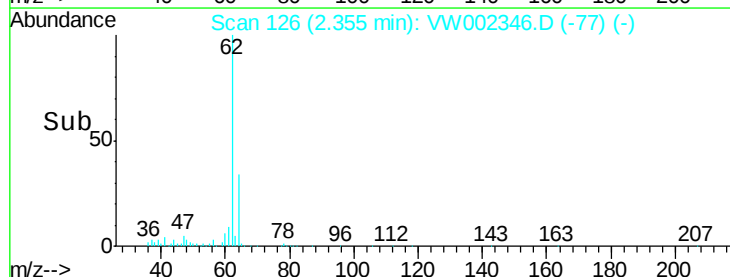
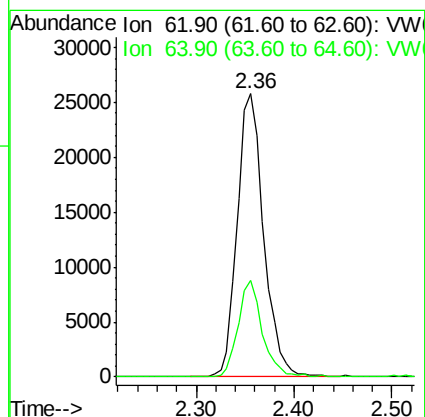
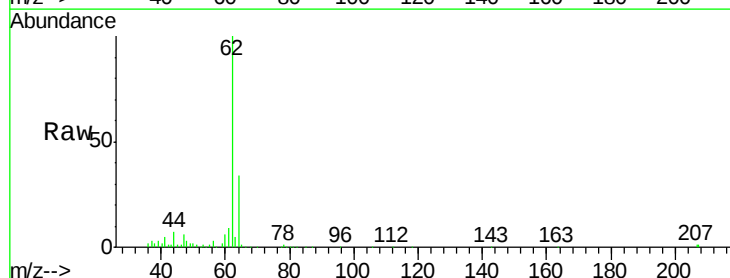
Acq: 10 May 2018 00:05

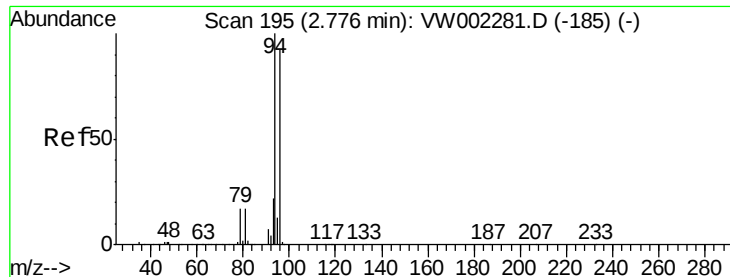
Tgt Ion: 62 Resp: 48531

Ion Ratio Lower Upper

62 100

64 34.0 26.1 39.1





#5

Bromomethane

Concen: 22.23 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

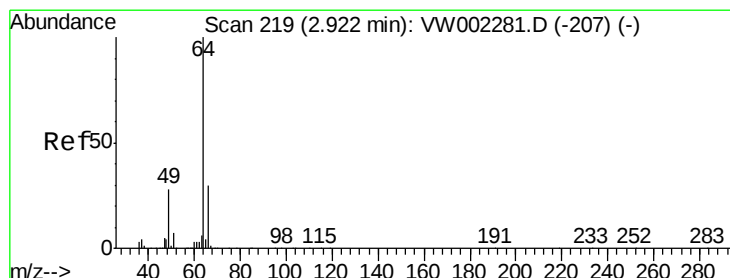
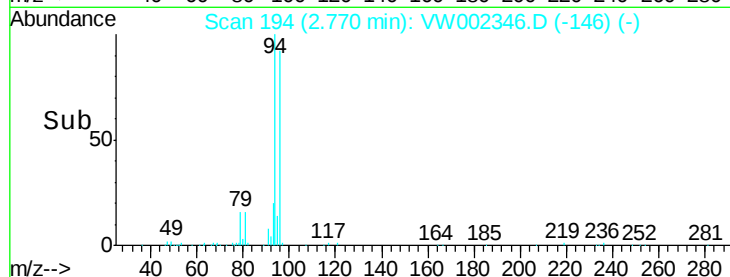
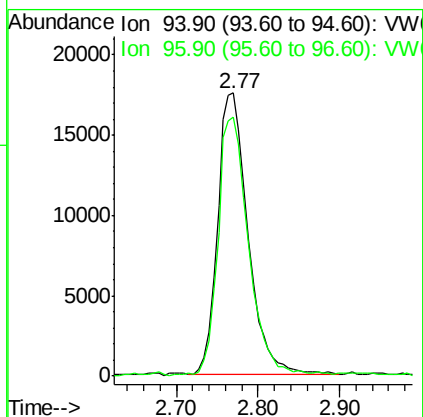
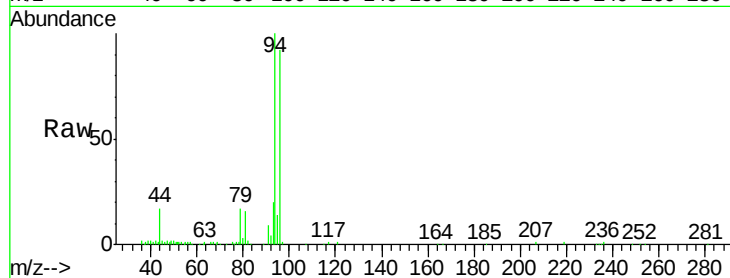
VW0509SBS01

Tgt Ion: 94 Resp: 45305

Ion Ratio Lower Upper

94 100

96 91.2 73.6 110.4



#6

Chloroethane

Concen: 21.33 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW002346.D

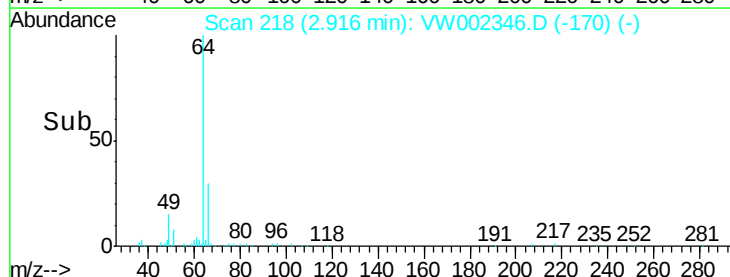
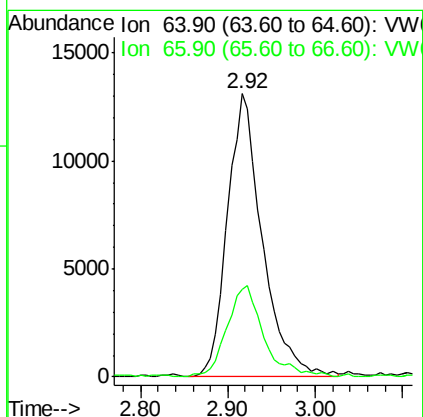
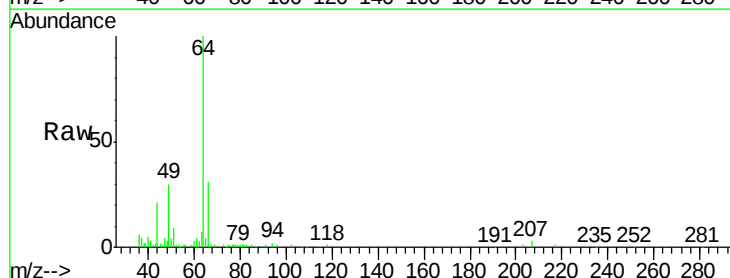
Acq: 10 May 2018 00:05

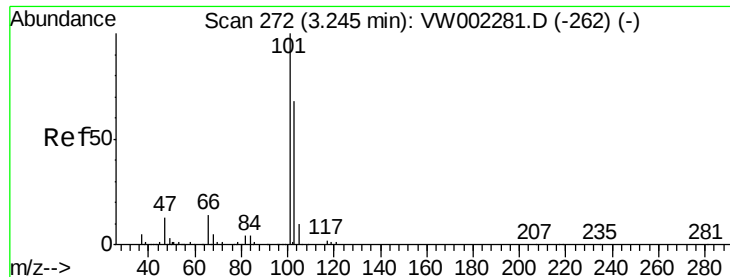
Tgt Ion: 64 Resp: 36459

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.6



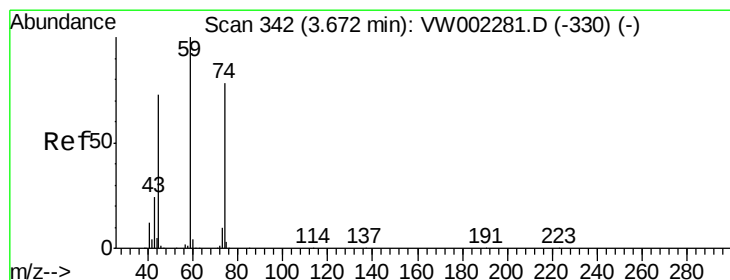
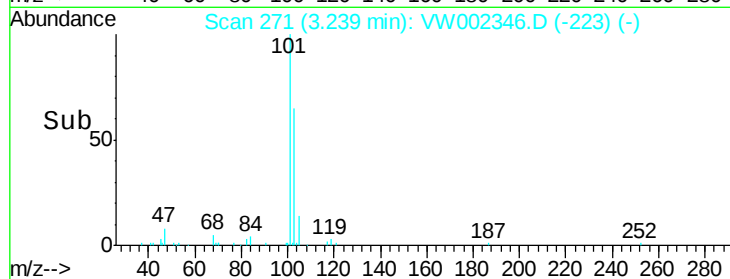
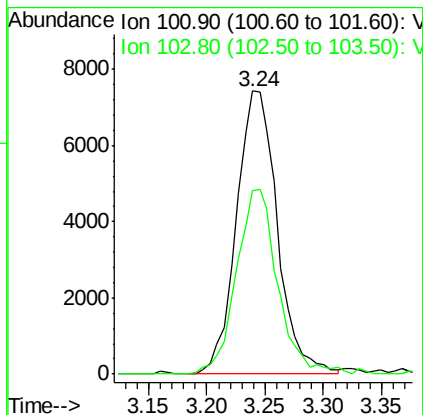
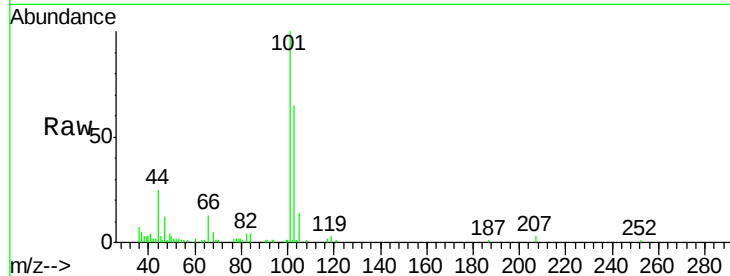


#7

Trichlorofluoromethane
Concen: 17.63 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Instrument :
MSVOA_W
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VW0509SBS01

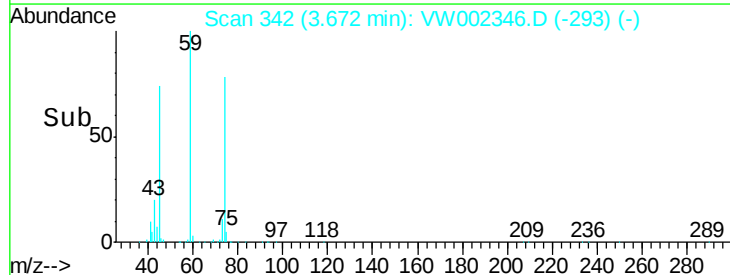
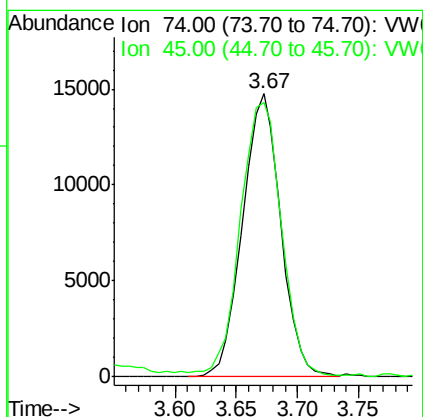
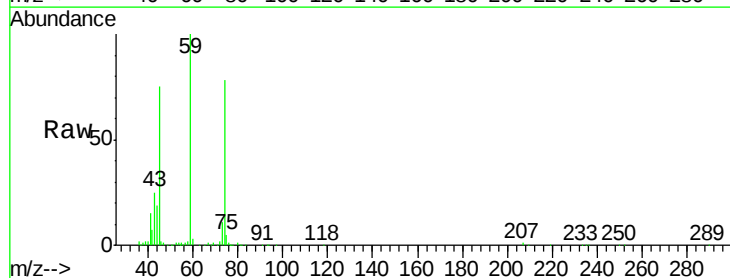
Tgt Ion:101 Resp: 18239
Ion Ratio Lower Upper
101 100
103 65.0 54.6 82.0

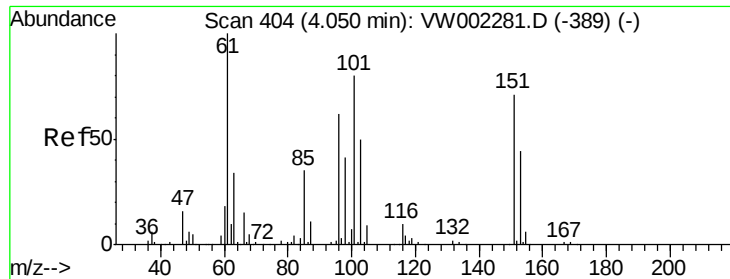


#8

Diethyl Ether
Concen: 27.64 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion: 74 Resp: 32010
Ion Ratio Lower Upper
74 100
45 103.6 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.65 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

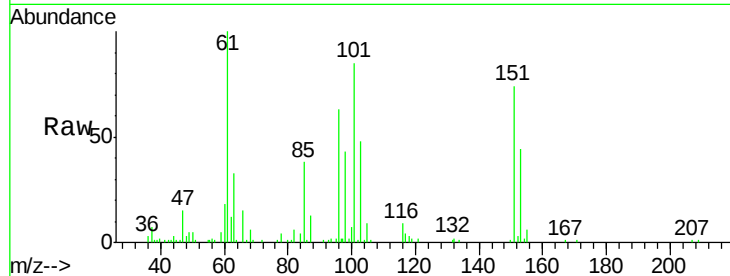
Tgt Ion:101 Resp: 35913

Ion Ratio Lower Upper

101 100

85 44.7 35.9 53.9

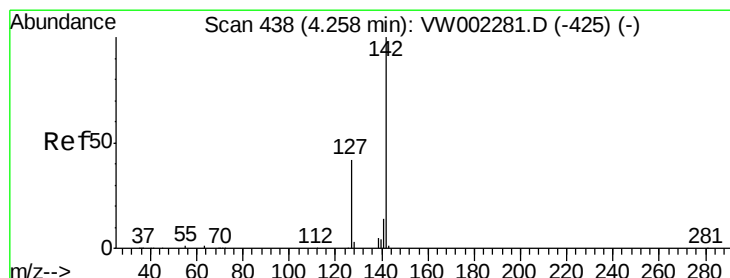
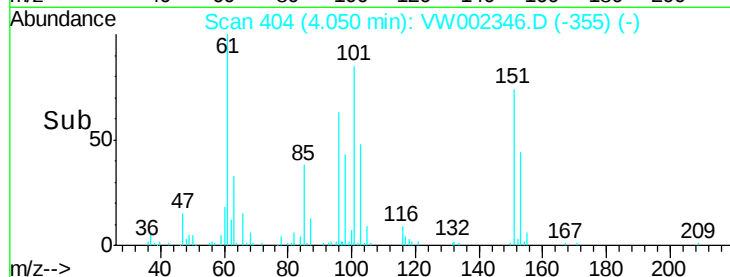
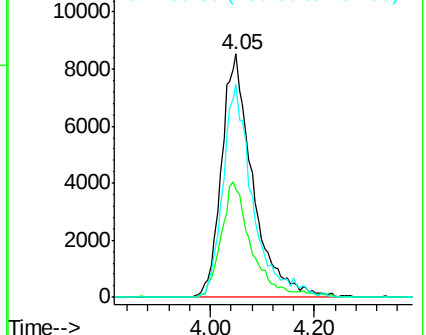
151 83.1 65.4 98.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.29 ug/l

RT: 4.25 min Scan# 437

Delta R.T. -0.01 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

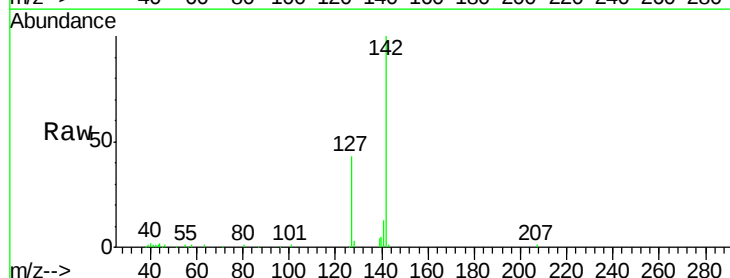
Tgt Ion:142 Resp: 63137

Ion Ratio Lower Upper

142 100

127 42.6 34.7 52.1

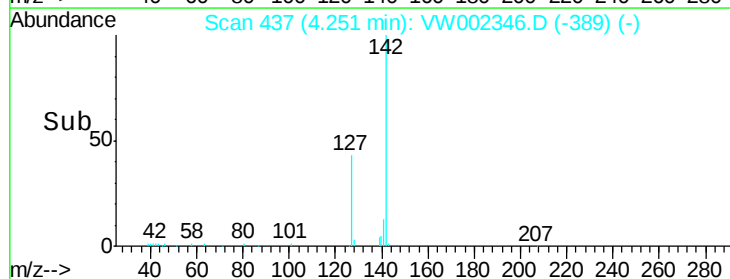
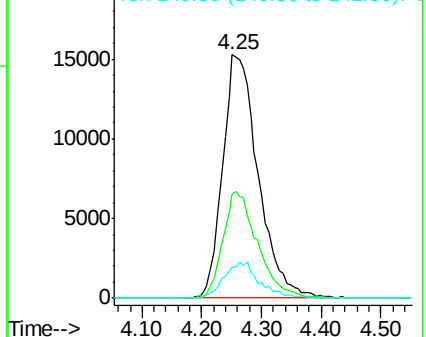
141 14.6 11.9 17.9

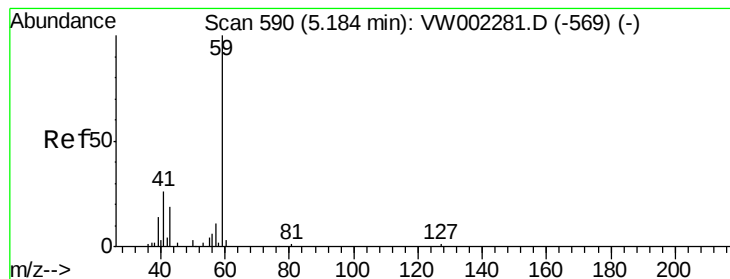


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



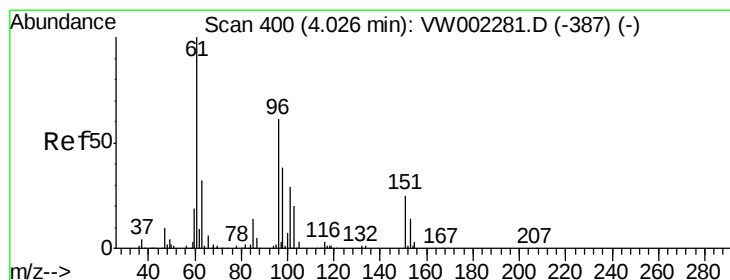
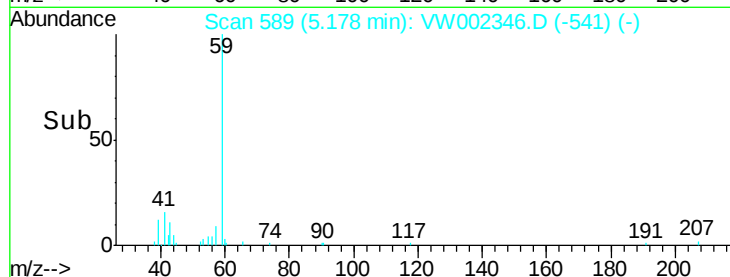
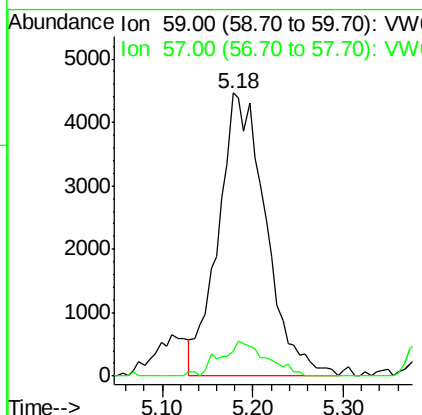
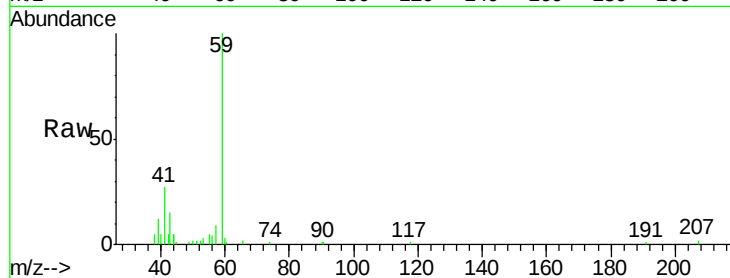


#11

Tert butyl alcohol
 Concen: 104.87 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

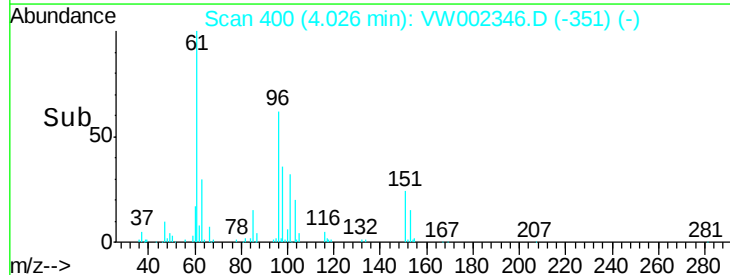
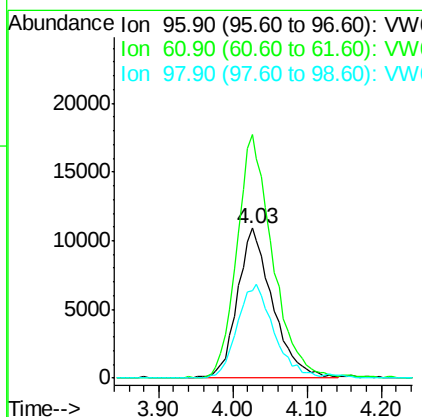
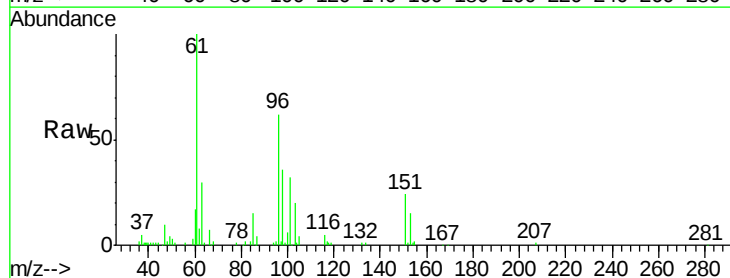
Tgt Ion: 59 Resp: 16203
 Ion Ratio Lower Upper
 59 100
 57 12.1 3.9 5.9#

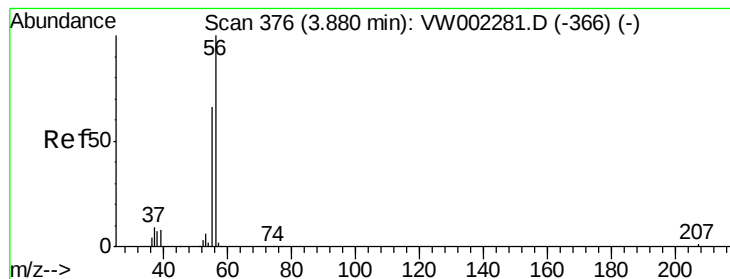


#12

1,1-Dichloroethene
 Concen: 19.96 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion: 96 Resp: 36162
 Ion Ratio Lower Upper
 96 100
 61 161.8 130.6 196.0
 98 58.2 49.0 73.4





#13

Acrolein

Concen: 101.09 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampled :

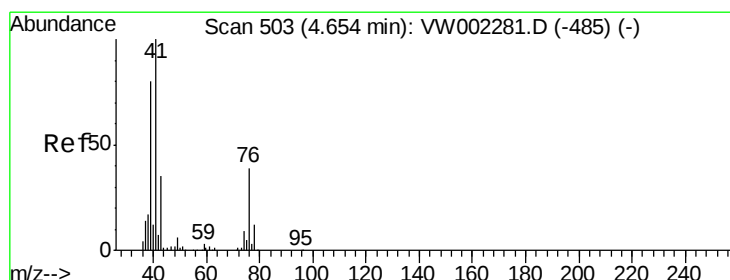
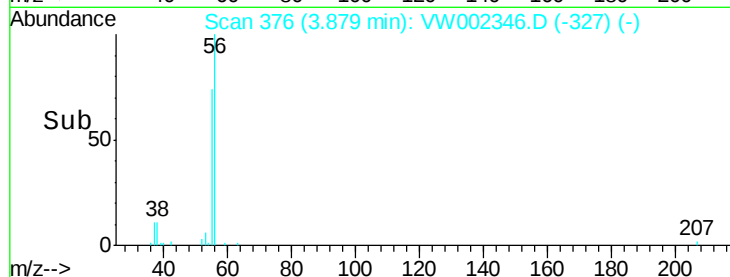
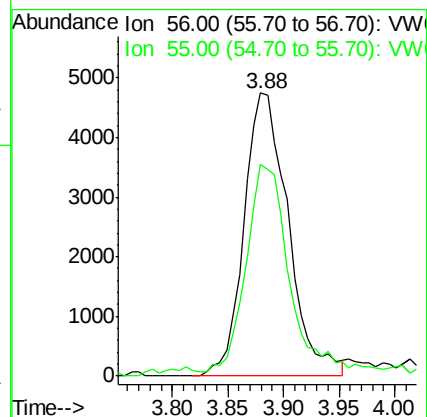
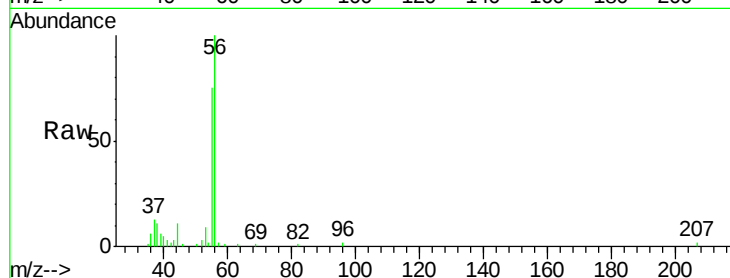
VW0509SBS01

Tgt Ion: 56 Resp: 13077

Ion Ratio Lower Upper

56 100

55 71.2 57.3 85.9



#14

Allyl chloride

Concen: 20.18 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

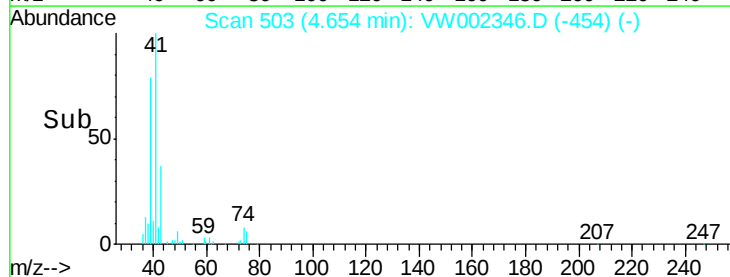
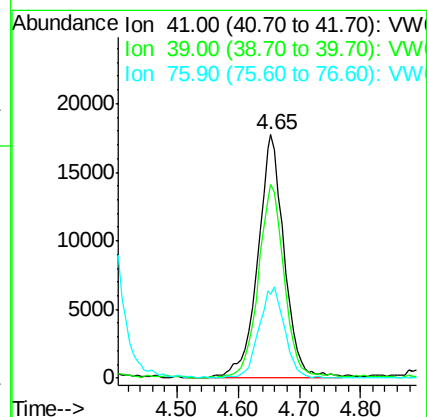
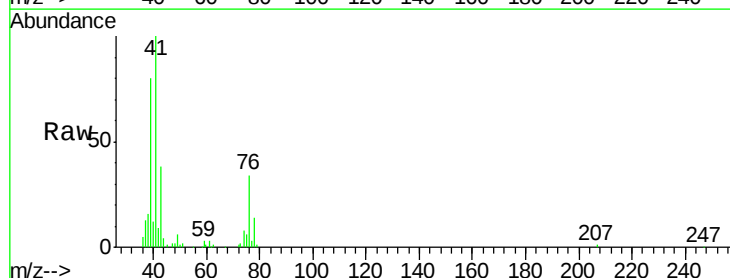
Tgt Ion: 41 Resp: 53736

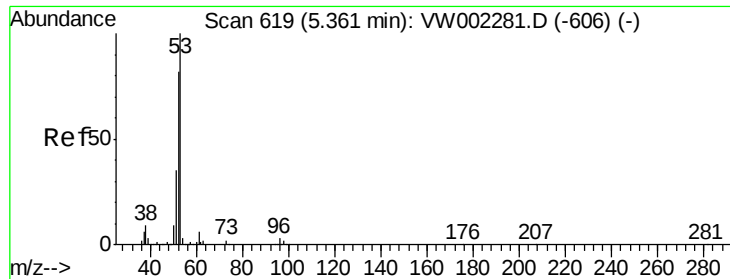
Ion Ratio Lower Upper

41 100

39 78.7 61.7 92.5

76 36.1 29.8 44.6

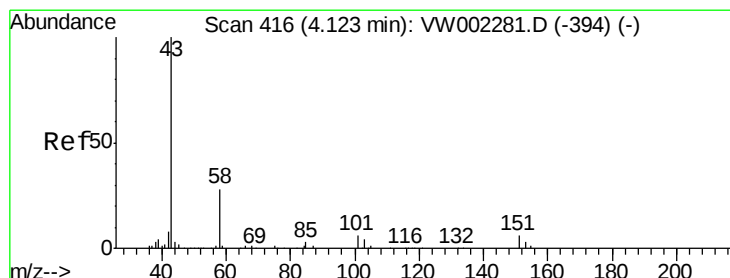
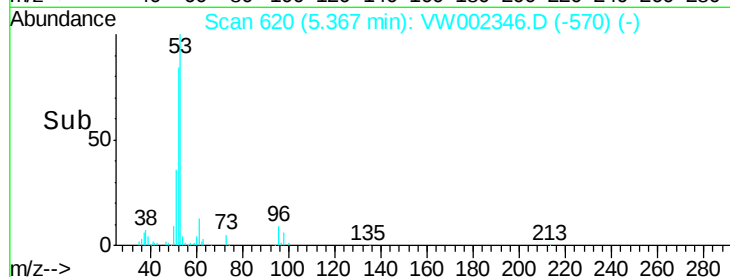
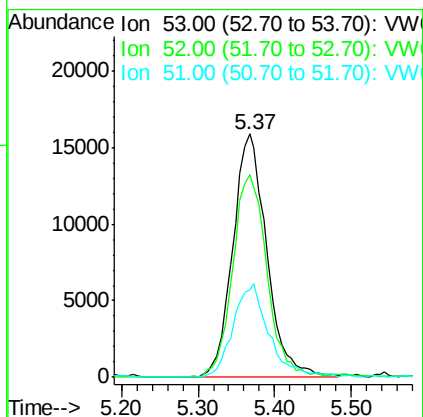
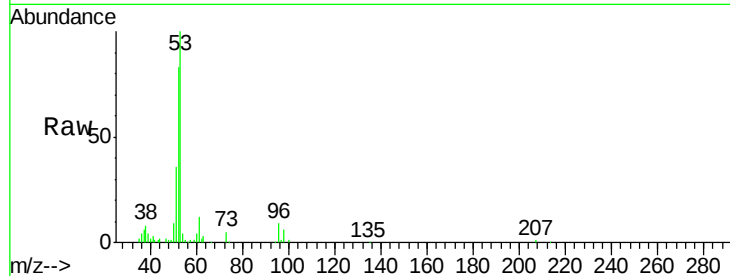




#15
 Acrylonitrile
 Concen: 107.97 ug/l
 RT: 5.37 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

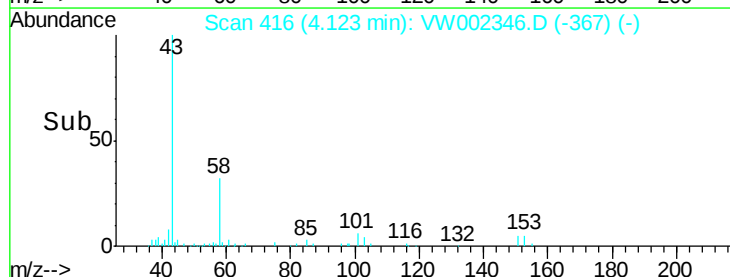
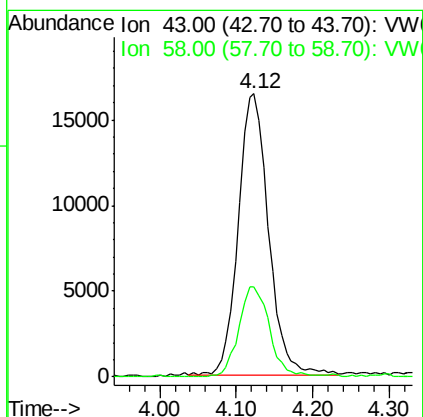
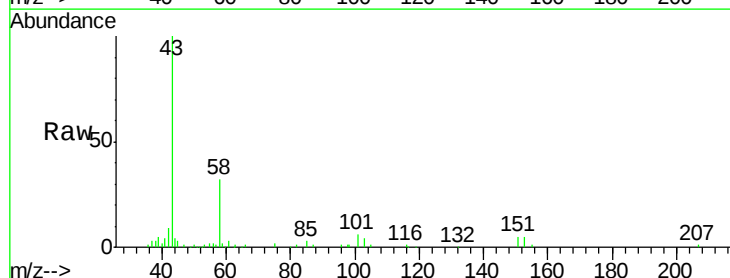
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

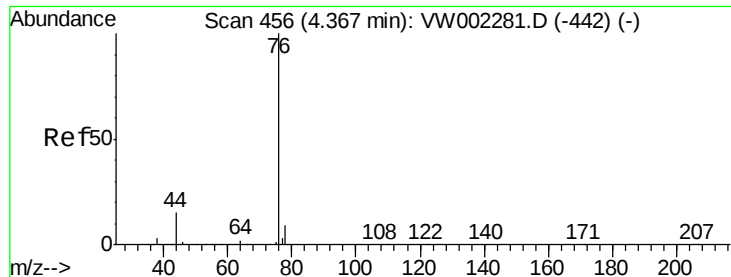
Tgt Ion: 53 Resp: 49055
 Ion Ratio Lower Upper
 53 100
 52 84.0 67.9 101.9
 51 40.3 30.0 45.0



#16
 Acetone
 Concen: 109.13 ug/l
 RT: 4.12 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion: 43 Resp: 45306
 Ion Ratio Lower Upper
 43 100
 58 32.2 22.2 33.4

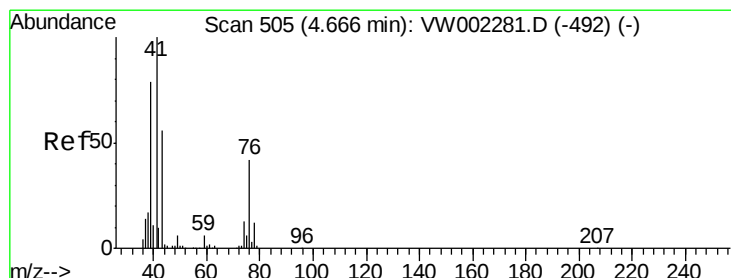
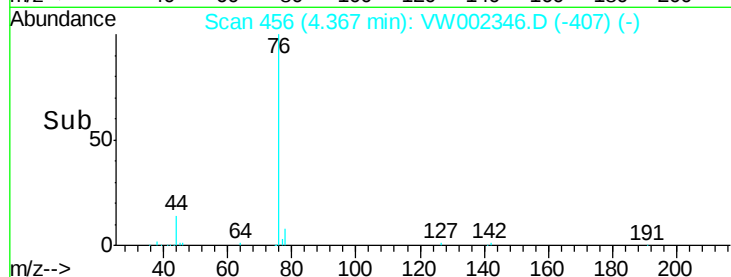
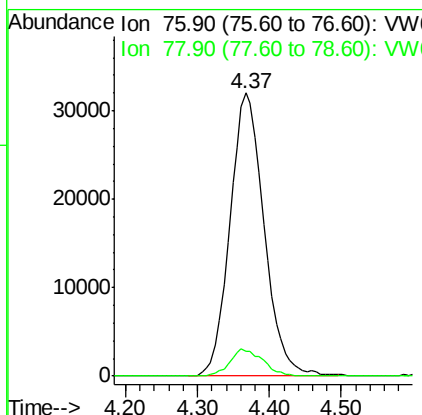
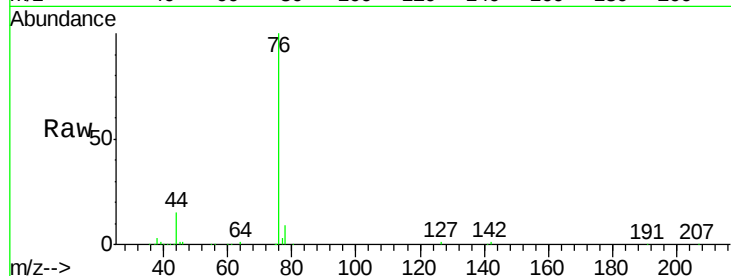




#17
Carbon Disulfide
Concen: 20.00 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

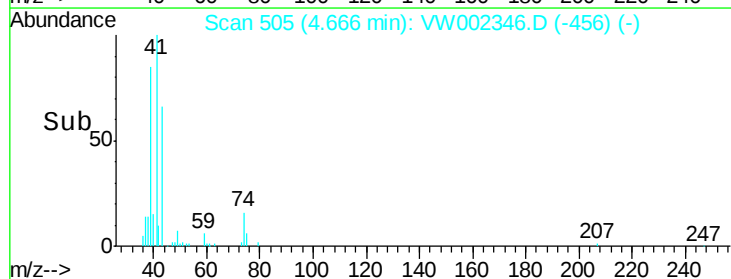
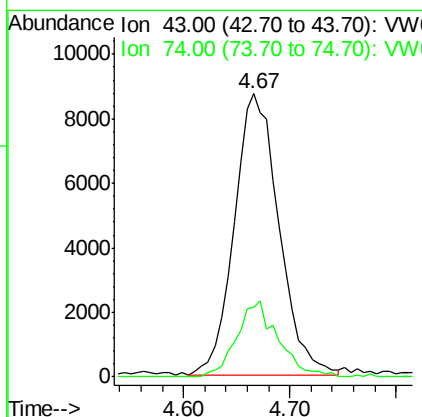
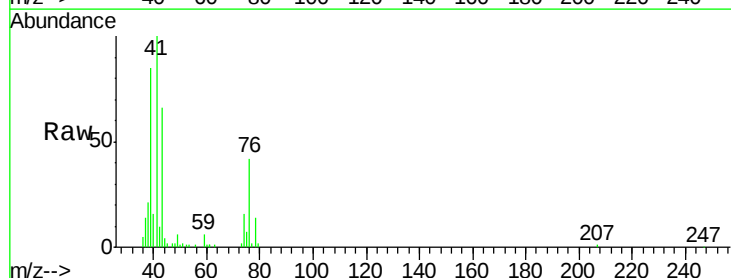
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

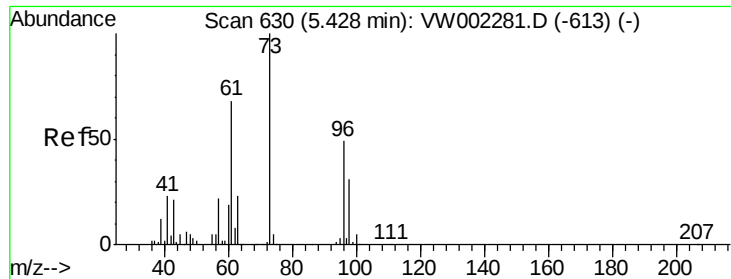
Tgt Ion: 76 Resp: 105377
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 20.66 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion: 43 Resp: 25734
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.2

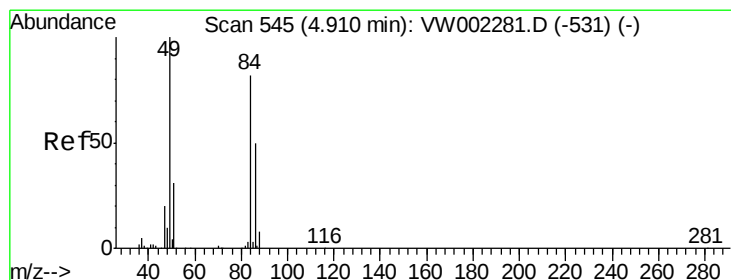
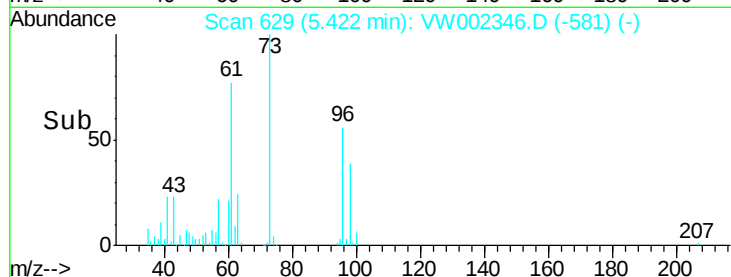
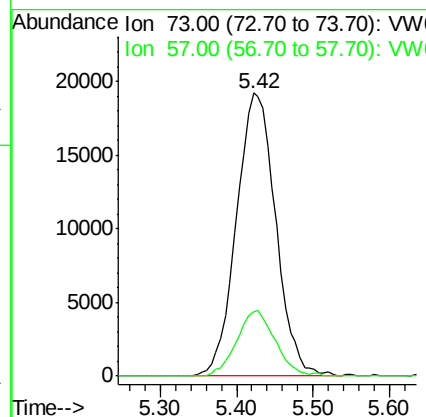
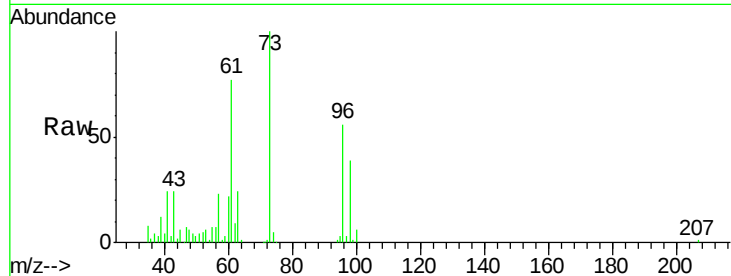




#19
Methyl tert-butyl Ether
Concen: 21.65 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

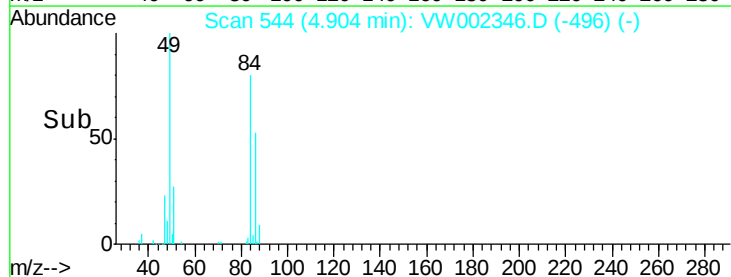
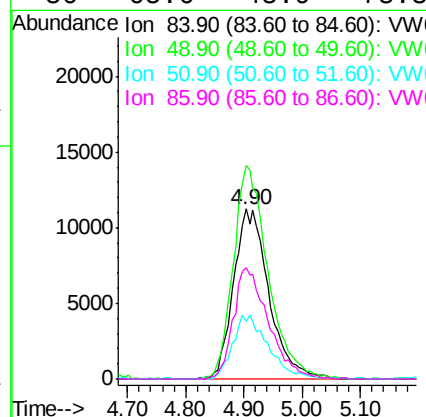
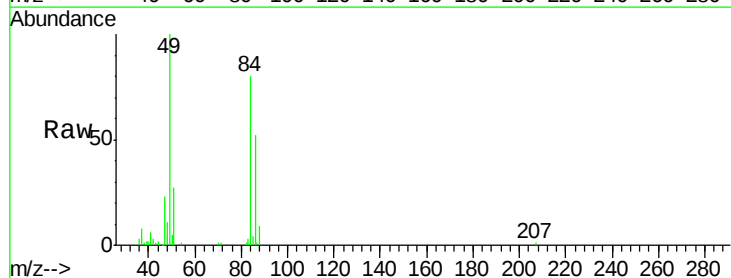
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

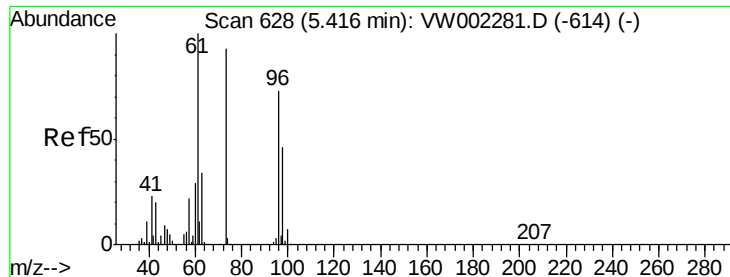
Tgt Ion: 73 Resp: 68588
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5



#20
Methylene Chloride
Concen: 23.63 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion: 84 Resp: 47293
Ion Ratio Lower Upper
84 100
49 125.7 97.7 146.5
51 33.6 30.2 45.4
86 65.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.99 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

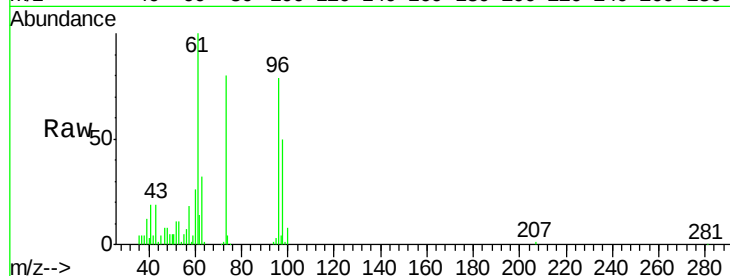
Tgt Ion: 96 Resp: 41058

Ion Ratio Lower Upper

96 100

61 127.0 109.5 164.3

98 63.7 50.2 75.4

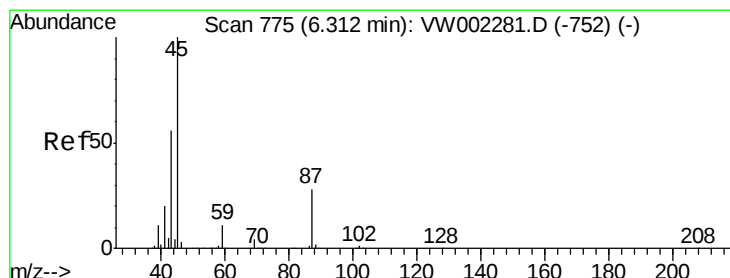
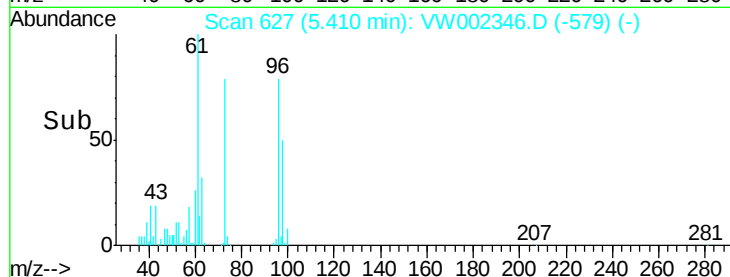
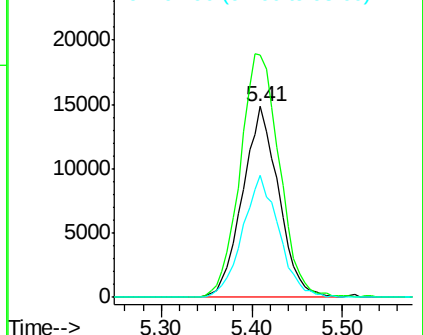


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 21.49 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Tgt Ion: 45 Resp: 125402

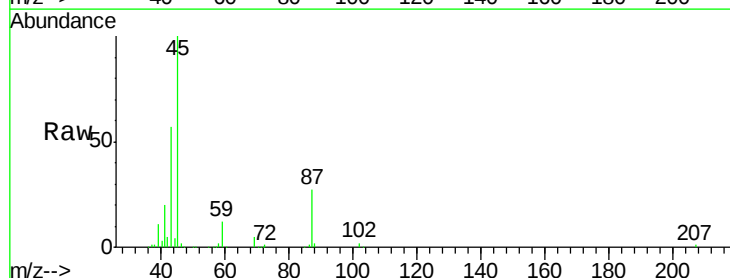
Ion Ratio Lower Upper

45 100

43 56.4 44.5 66.7

87 26.6 22.2 33.4

59 11.9 8.9 13.3



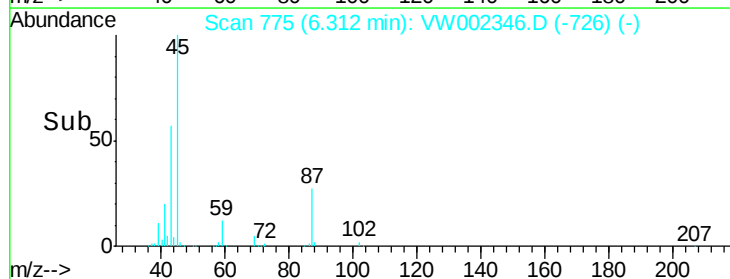
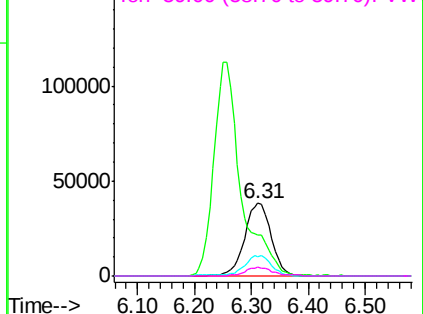
Abundance

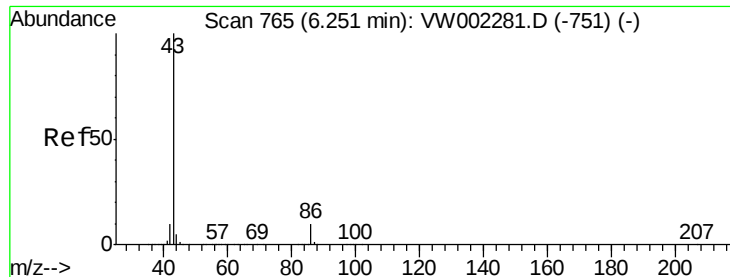
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 107.20 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

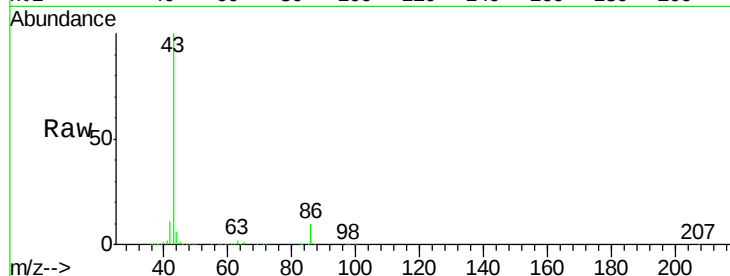
VW0509SBS01

Tgt Ion: 43 Resp: 374669

Ion Ratio Lower Upper

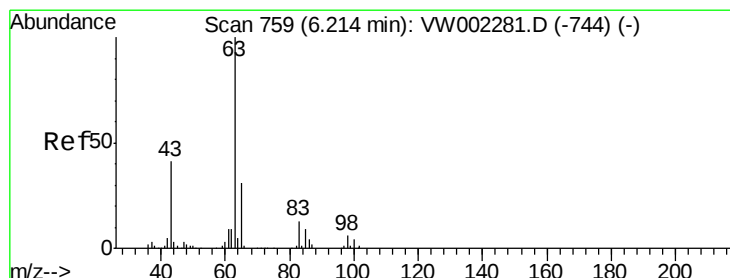
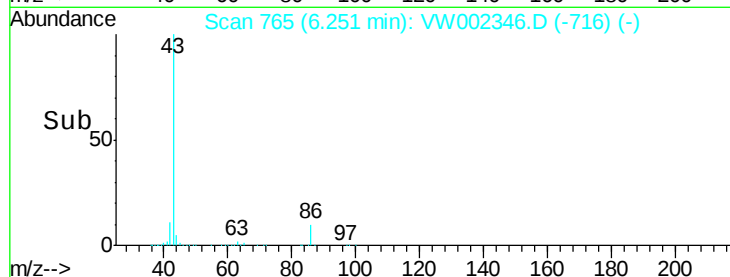
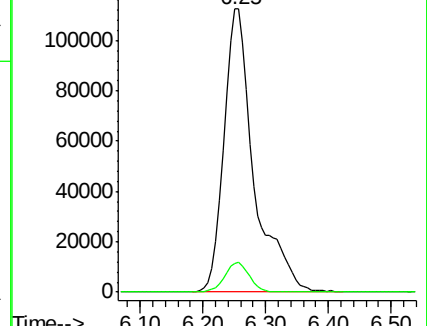
43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.27 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

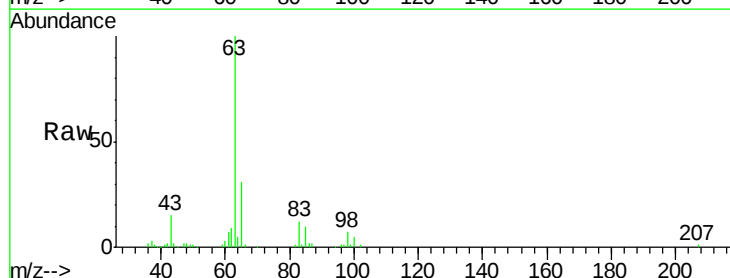
Tgt Ion: 63 Resp: 75252

Ion Ratio Lower Upper

63 100

98 7.2 2.9 8.7

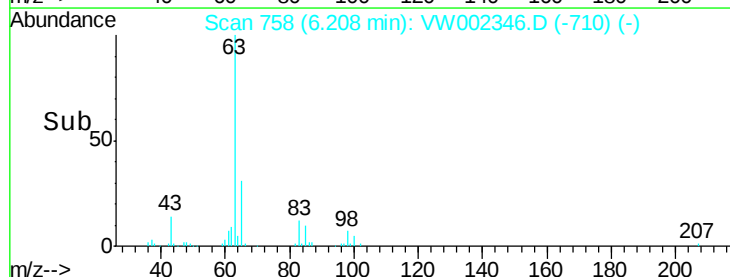
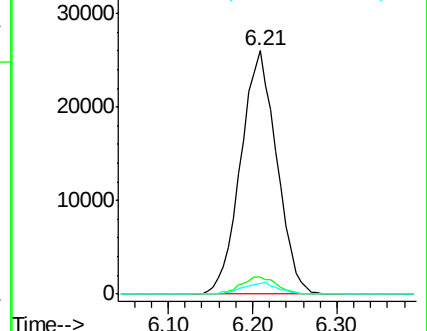
100 4.6 2.0 6.0

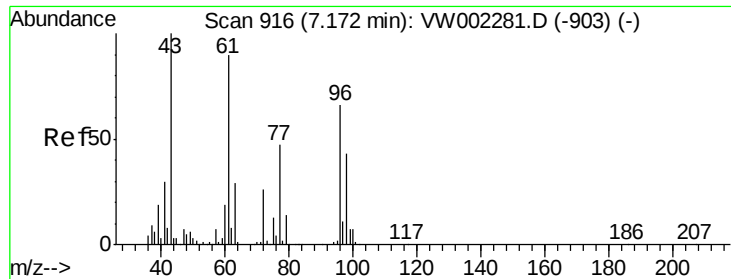


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 109.47 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

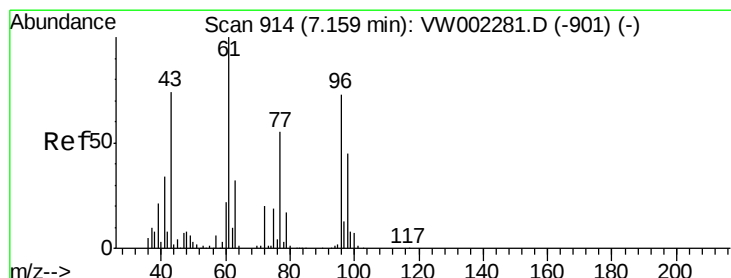
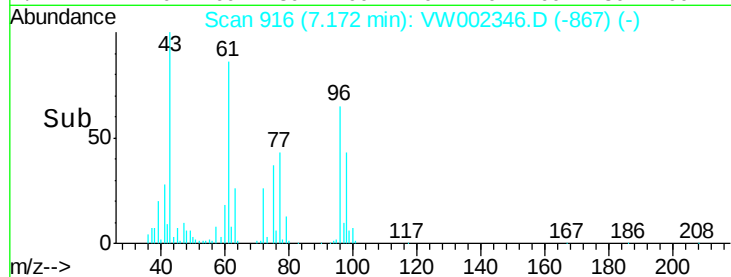
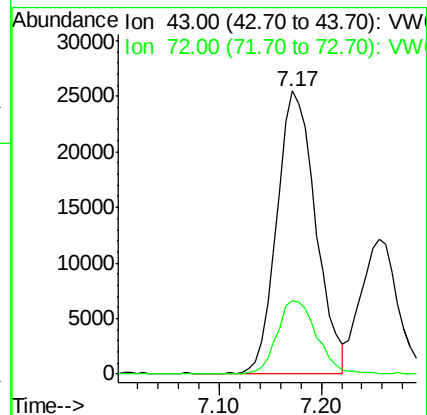
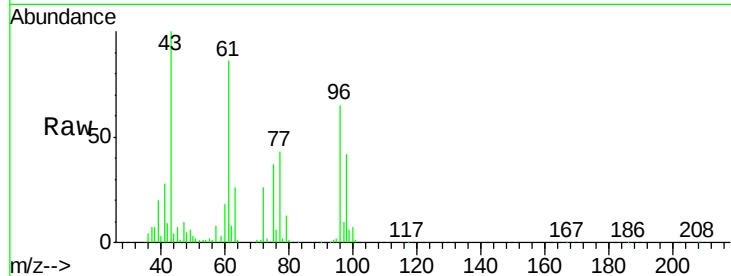
VW0509SBS01

Tgt Ion: 43 Resp: 67480

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 20.85 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW002346.D

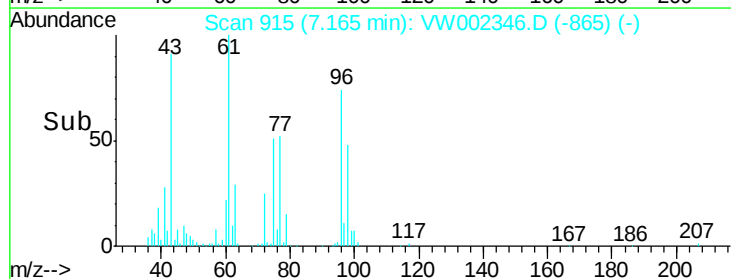
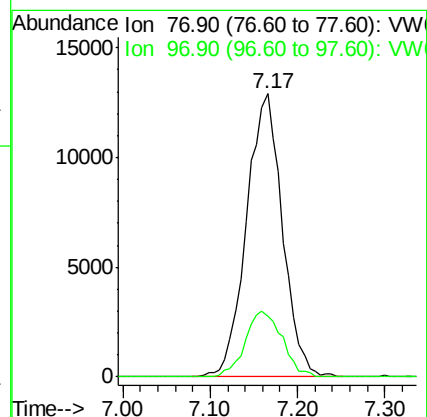
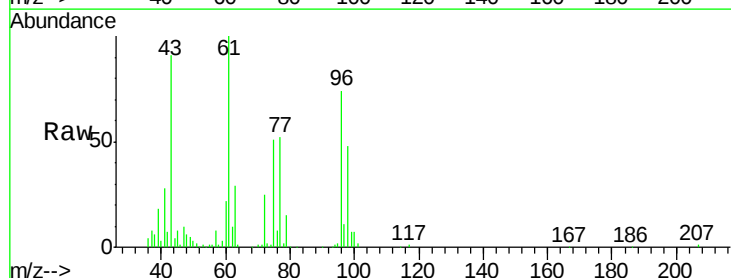
Acq: 10 May 2018 00:05

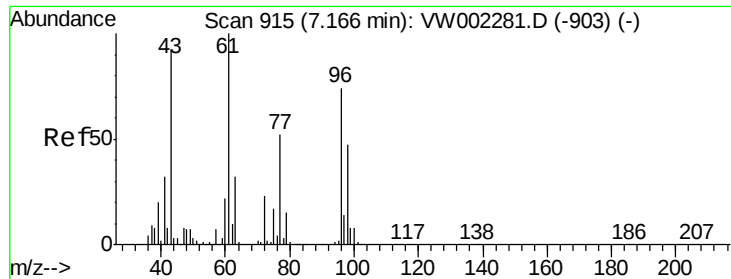
Tgt Ion: 77 Resp: 36779

Ion Ratio Lower Upper

77 100

97 23.8 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 21.50 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

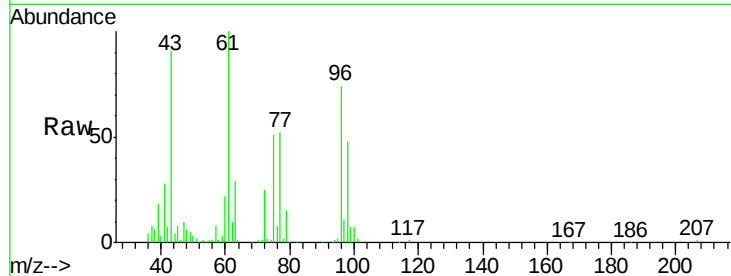
Tgt Ion: 96 Resp: 47394

Ion Ratio Lower Upper

96 100

61 135.8 0.0 274.8

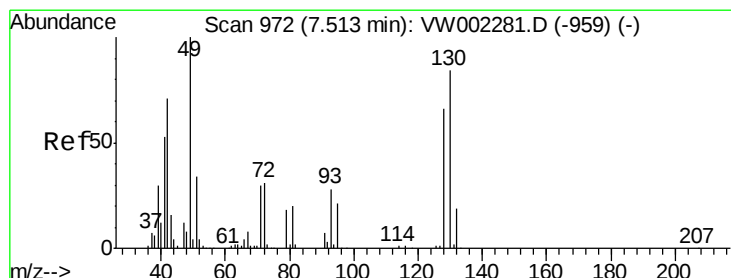
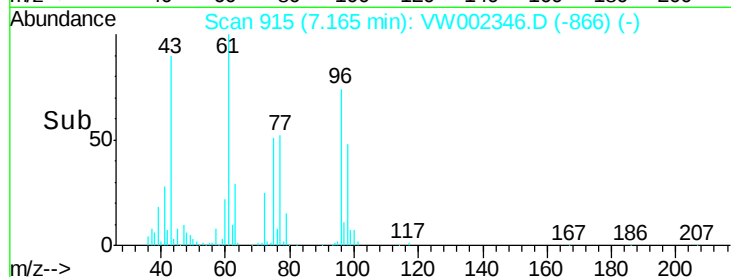
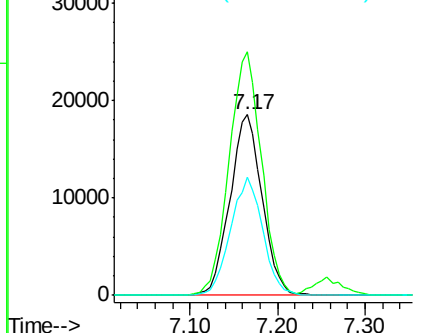
98 64.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 21.01 ug/l

RT: 7.51 min Scan# 971

Delta R.T. -0.01 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

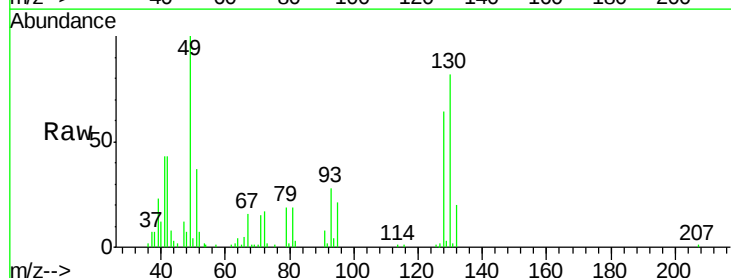
Tgt Ion: 49 Resp: 33625

Ion Ratio Lower Upper

49 100

129 3.0 0.0 2.4#

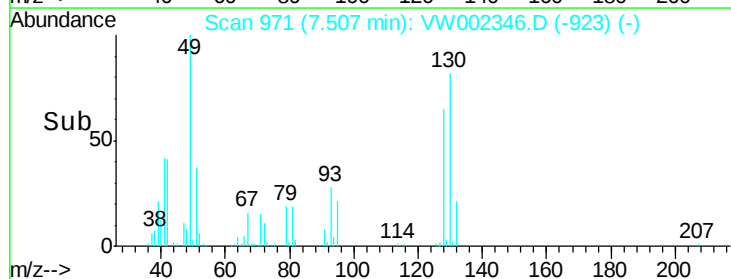
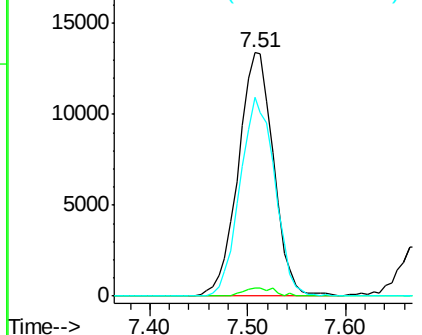
130 80.3 65.5 98.3

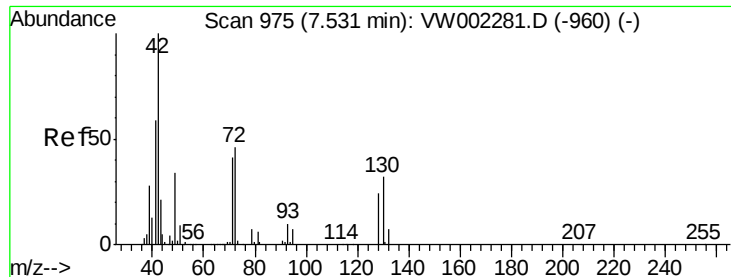


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 106.72 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

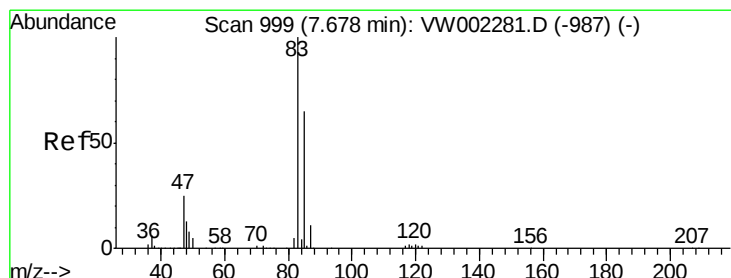
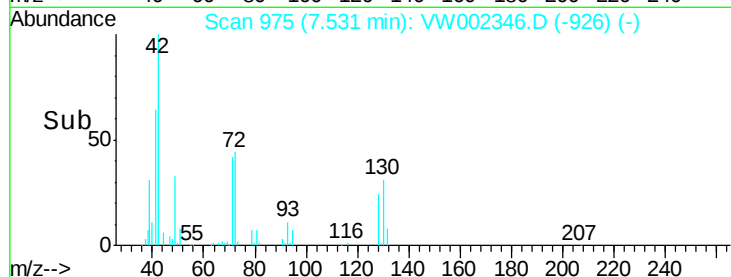
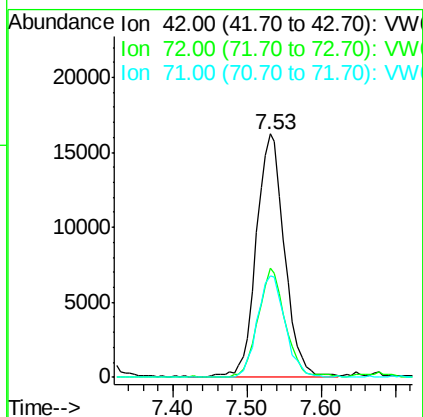
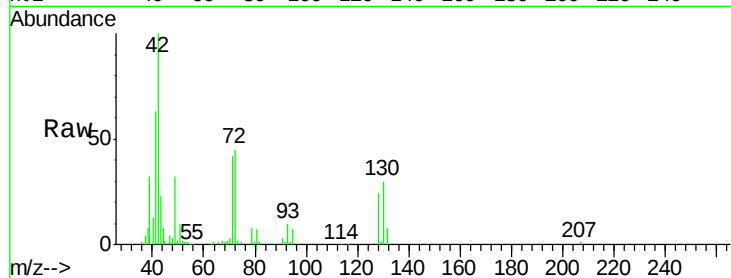
Tgt Ion: 42 Resp: 43144

Ion Ratio Lower Upper

42 100

72 43.1 34.5 51.7

71 41.3 33.0 49.6



#30

Chloroform

Concen: 21.59 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW002346.D

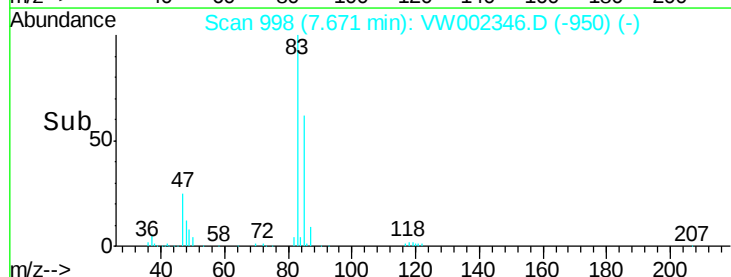
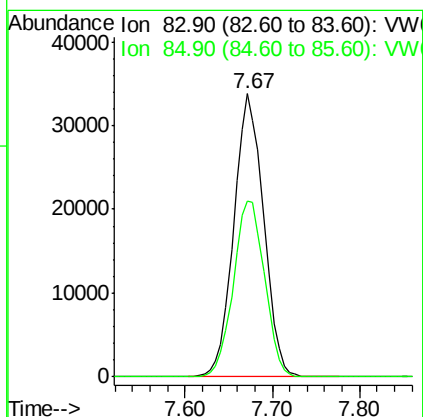
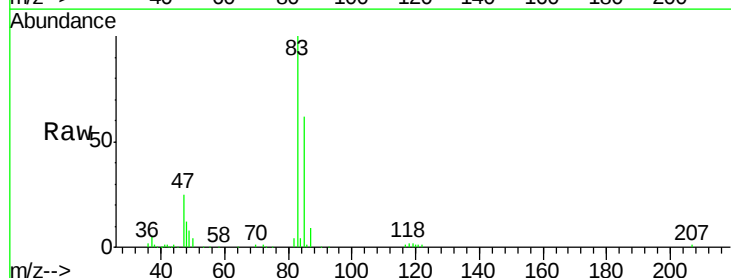
Acq: 10 May 2018 00:05

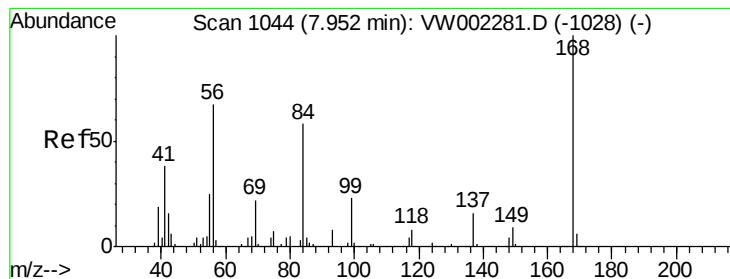
Tgt Ion: 83 Resp: 80009

Ion Ratio Lower Upper

83 100

85 62.3 51.8 77.6





#31

Cyclohexane

Concen: 18.74 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampled :

VW0509SBS01

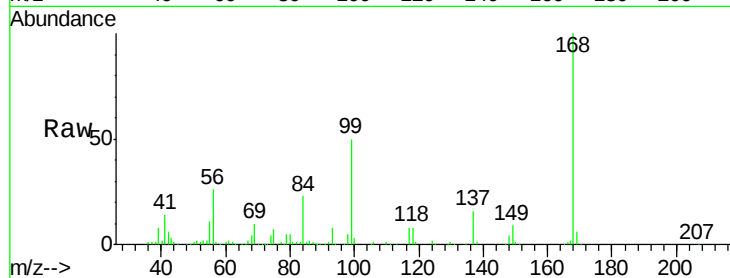
Tgt Ion: 56 Resp: 59194

Ion Ratio Lower Upper

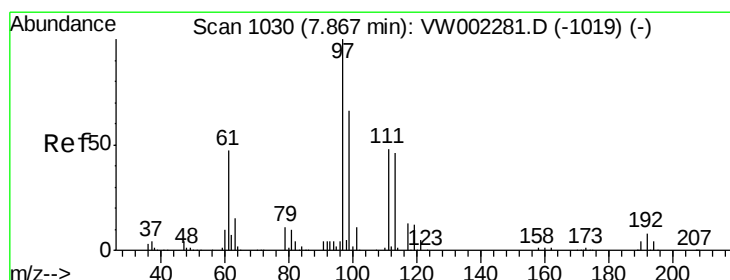
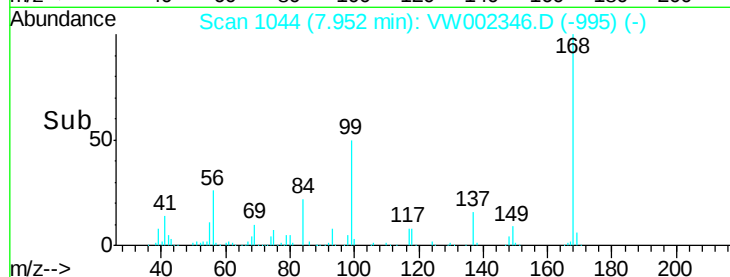
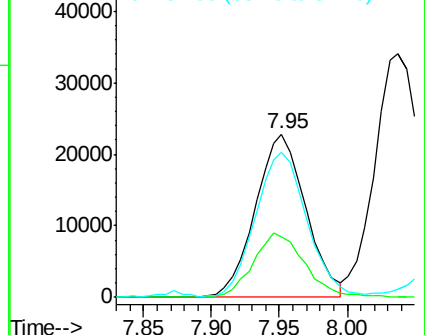
56 100

69 37.3 26.2 39.4

84 86.9 69.2 103.8



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: 20.79 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

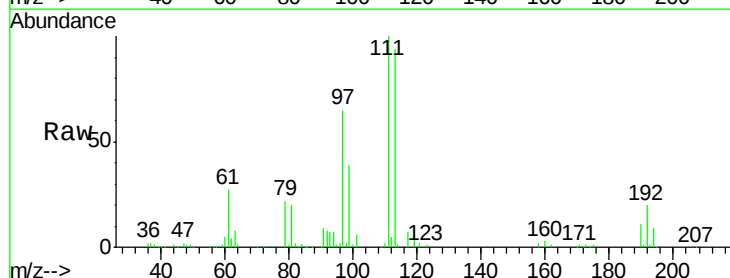
Tgt Ion: 97 Resp: 57888

Ion Ratio Lower Upper

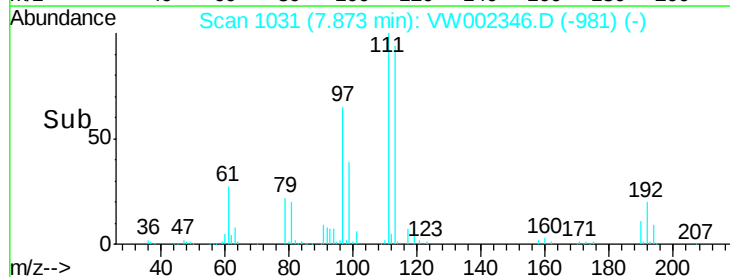
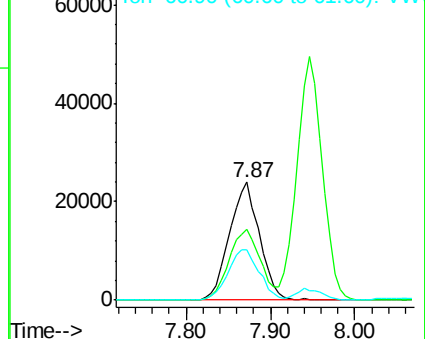
97 100

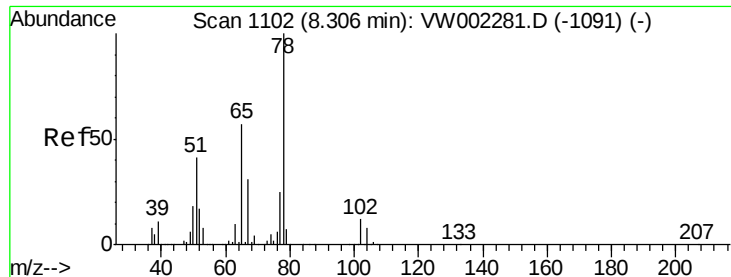
99 62.0 52.6 79.0

61 44.9 35.6 53.4



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

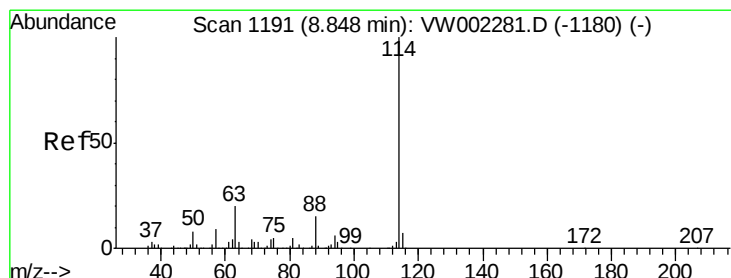
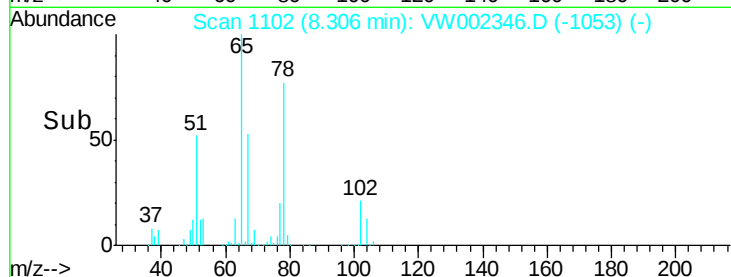
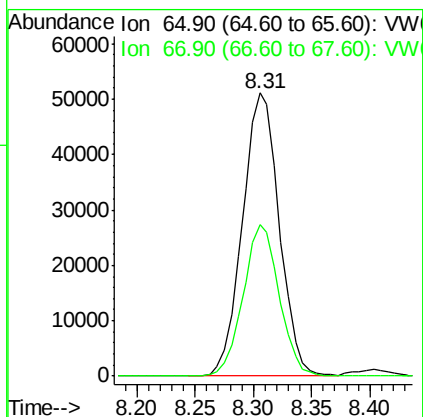
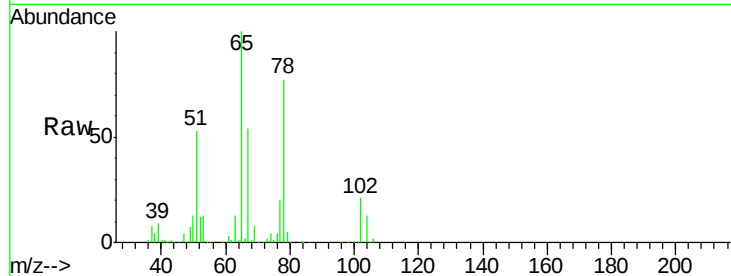




#33
 1,2-Dichloroethane-d4
 Concen: 52.86 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

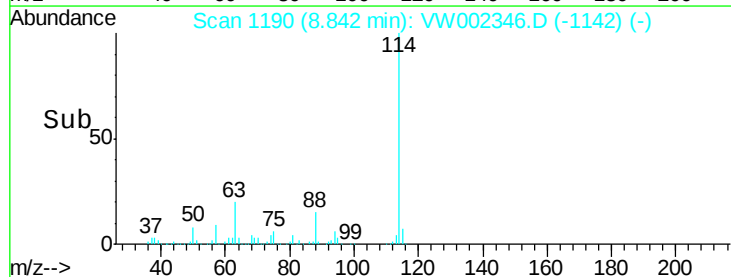
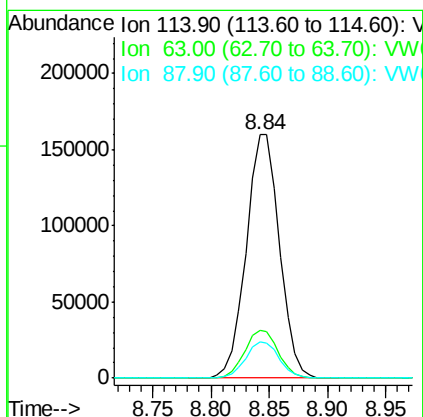
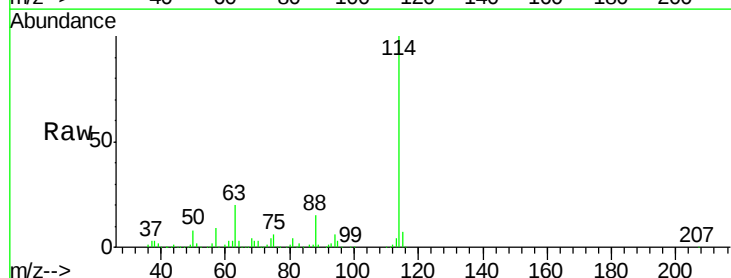
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

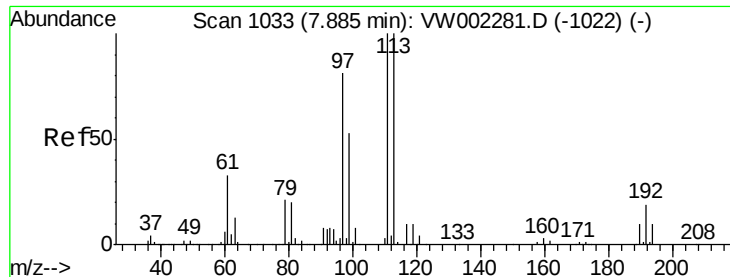
Tgt Ion: 65 Resp: 112355
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion: 114 Resp: 318819
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.1 0.0 29.6

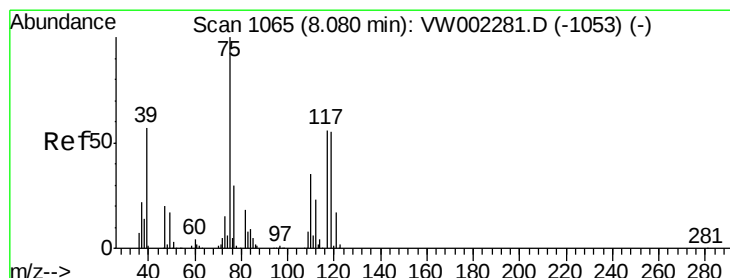
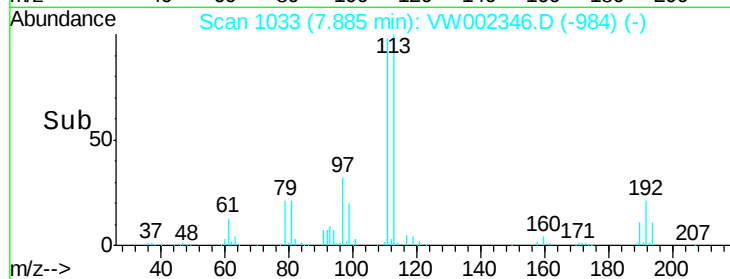
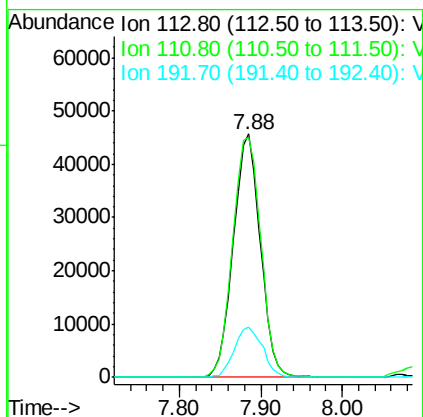
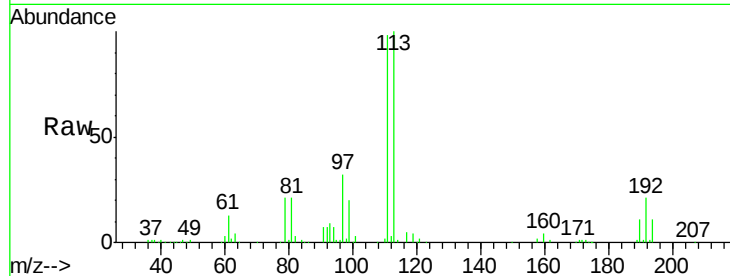




#35
 Dibromofluoromethane
 Concen: 50.89 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

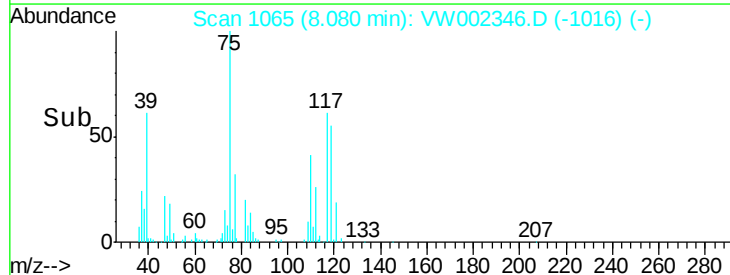
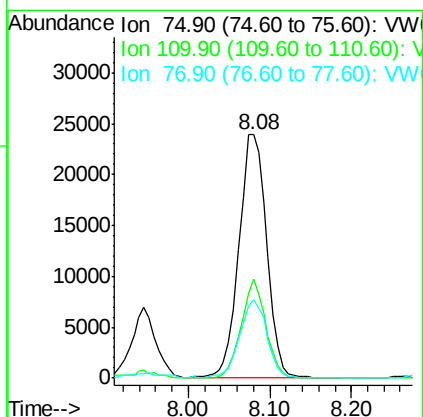
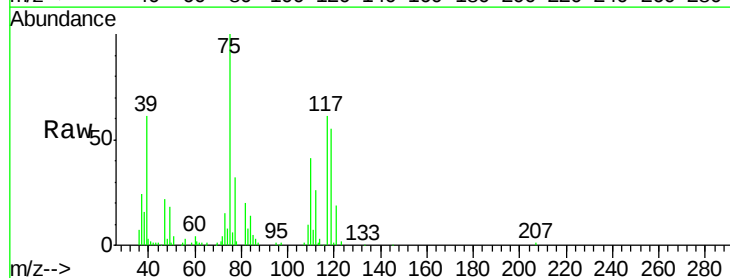
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

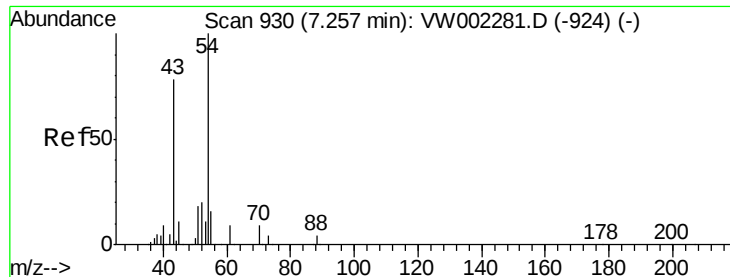
Tgt Ion: 113 Resp: 103994
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 21.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 19.65 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion: 75 Resp: 56646
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.1 54.1
 77 31.3 24.5 36.7

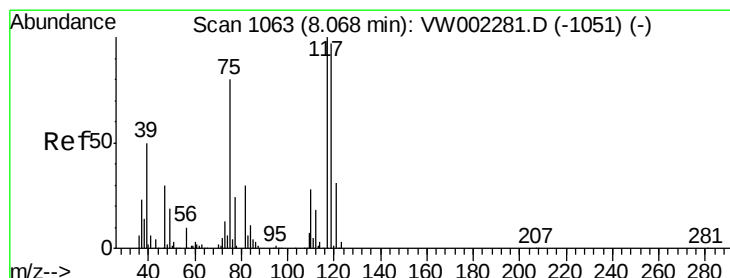
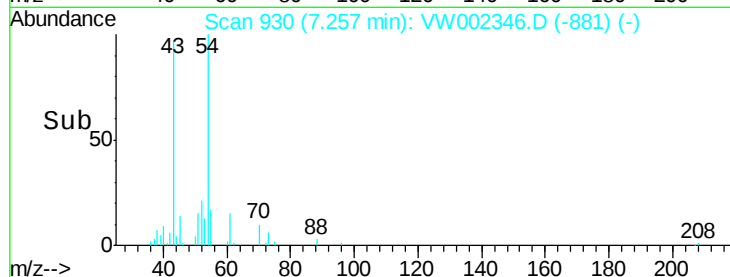
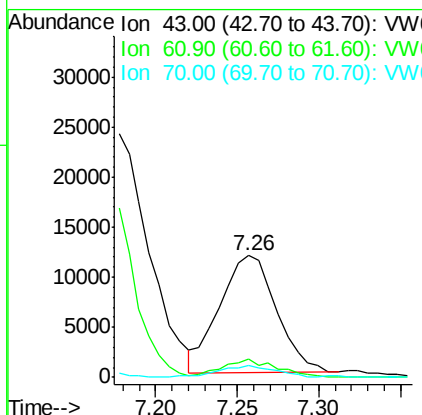
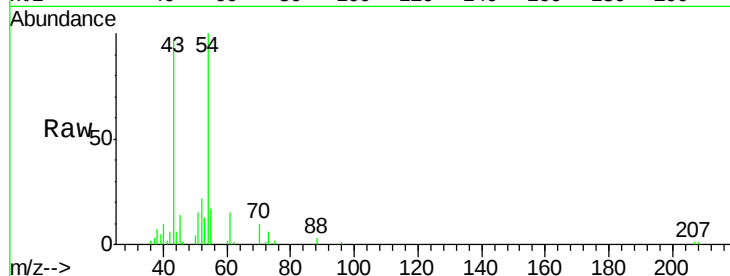




#37
 Ethyl Acetate
 Concen: 20.21 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

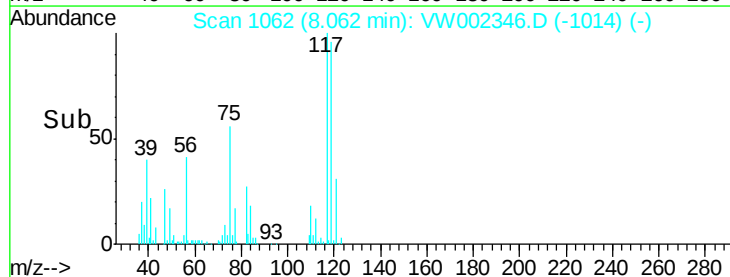
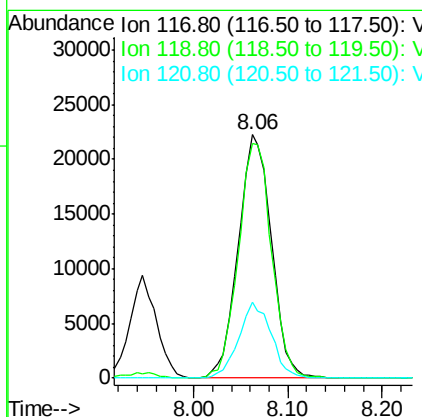
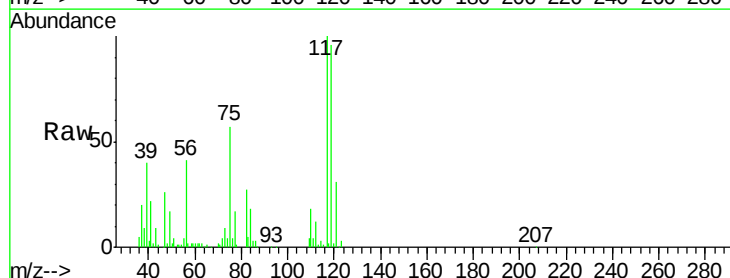
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

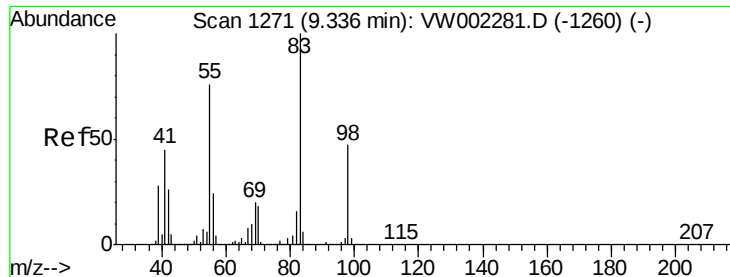
Tgt Ion: 43 Resp: 28401
 Ion Ratio Lower Upper
 43 100
 61 15.1 11.1 16.7
 70 10.4 7.9 11.9



#38
 Carbon Tetrachloride
 Concen: 19.54 ug/l
 RT: 8.06 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion: 117 Resp: 54498
 Ion Ratio Lower Upper
 117 100
 119 96.3 77.5 116.3
 121 31.0 24.4 36.6

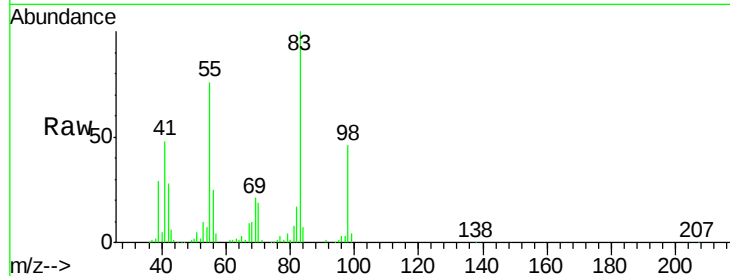




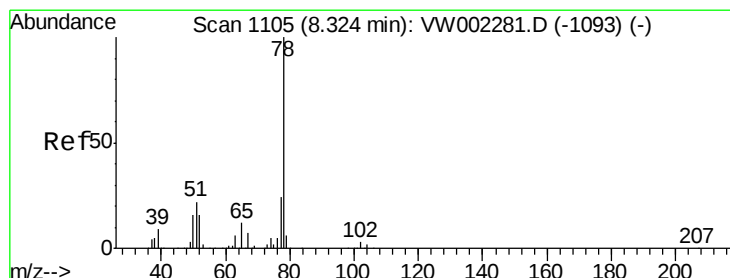
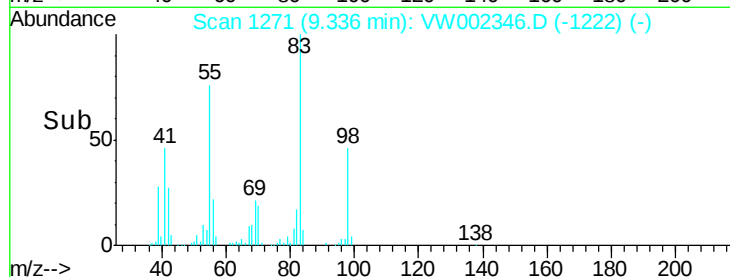
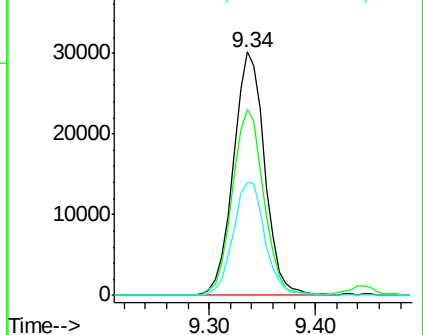
#39
Methylcyclohexane
Concen: 18.57 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tgt Ion: 83 Resp: 62482
Ion Ratio Lower Upper
83 100
55 76.0 60.6 91.0
98 46.2 37.4 56.0

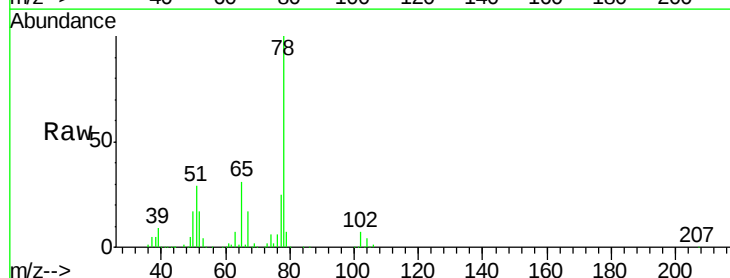


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

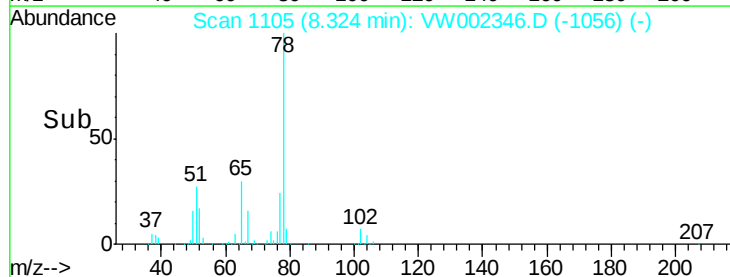
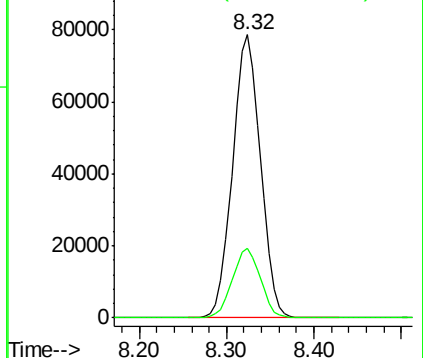


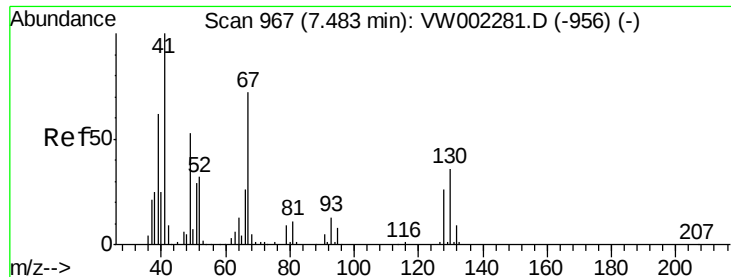
#40
Benzene
Concen: 20.69 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion: 78 Resp: 174419
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 19.73 ug/l

RT: 7.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

Tgt Ion: 41 Resp: 15884

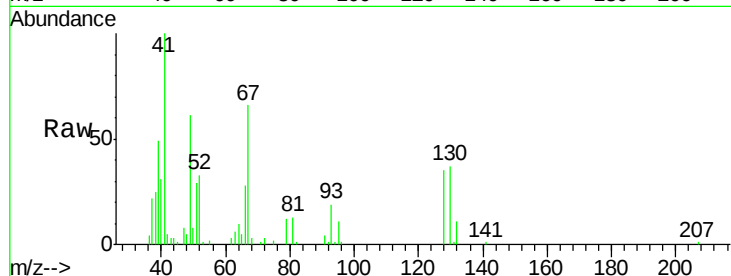
Ion Ratio Lower Upper

41 100

39 60.9 40.2 60.4#

67 76.4 54.7 82.1

52 37.2 23.6 35.4#



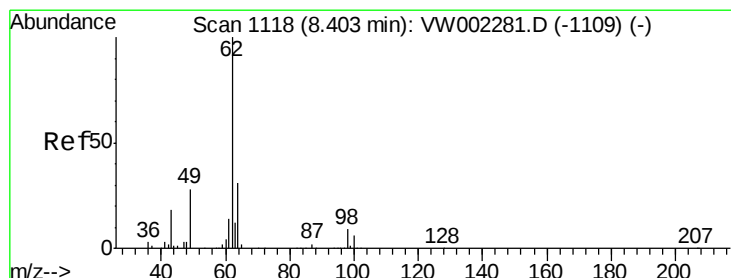
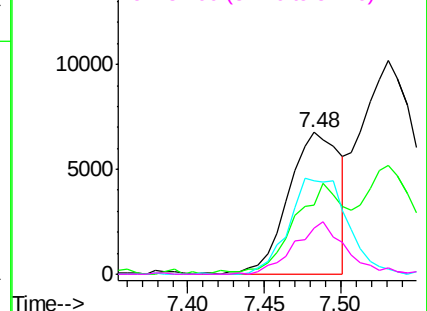
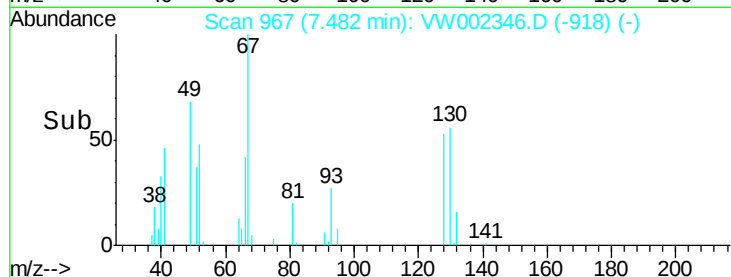
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.56 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW002346.D

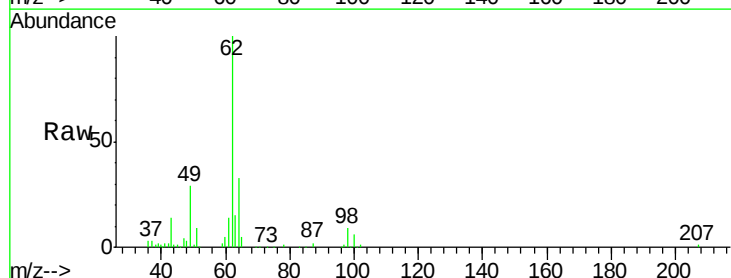
Acq: 10 May 2018 00:05

Tgt Ion: 62 Resp: 54037

Ion Ratio Lower Upper

62 100

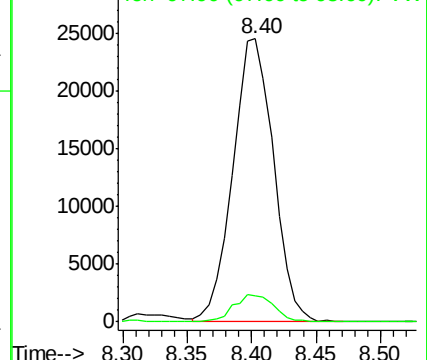
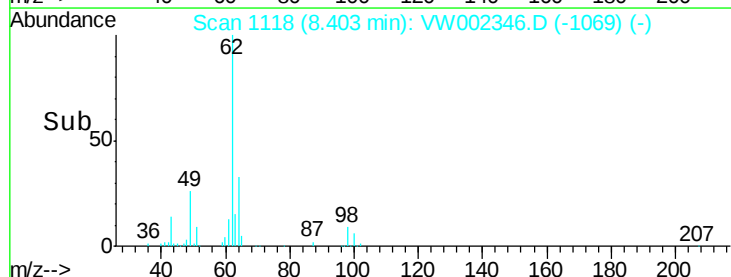
98 9.6 0.0 18.4

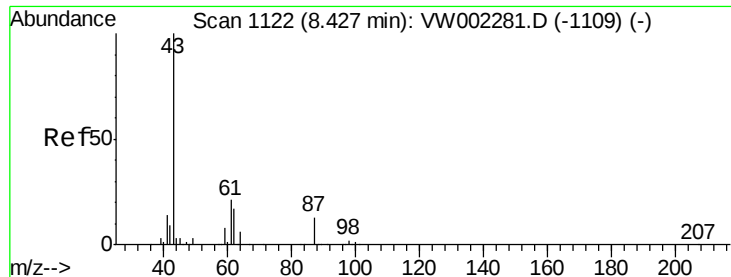


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

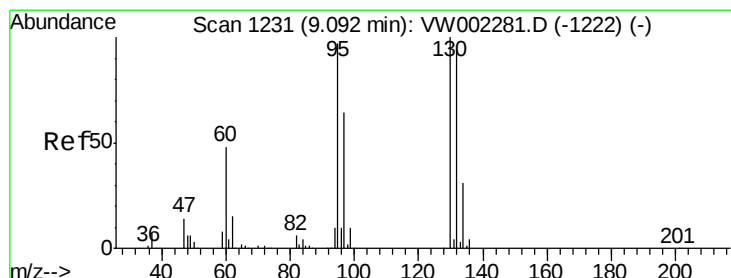
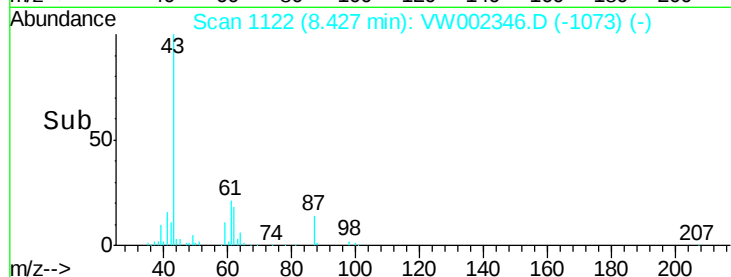
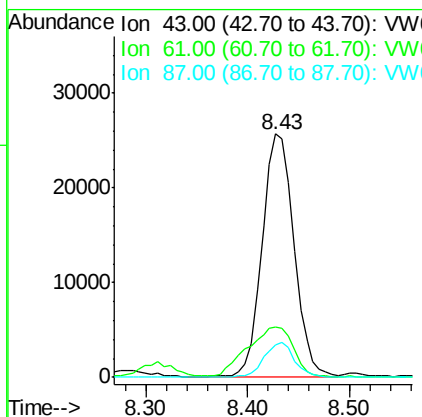
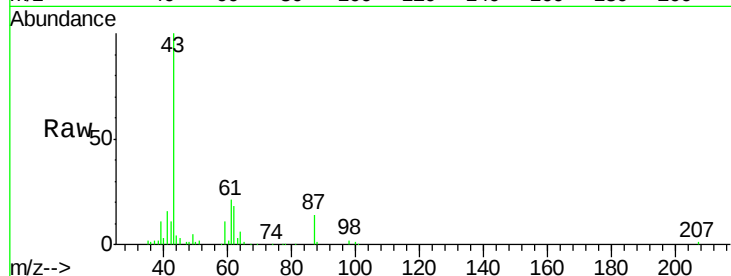




#43
Isopropyl Acetate
Concen: 20.80 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

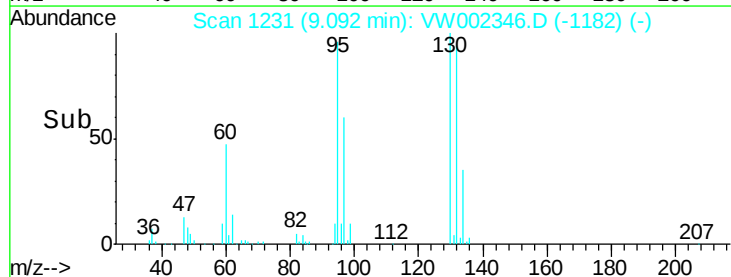
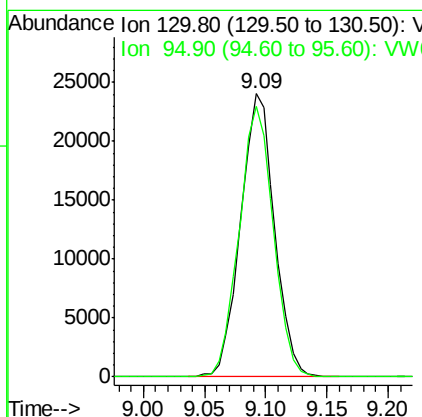
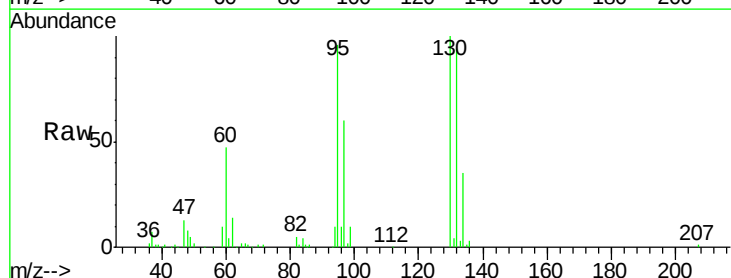
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

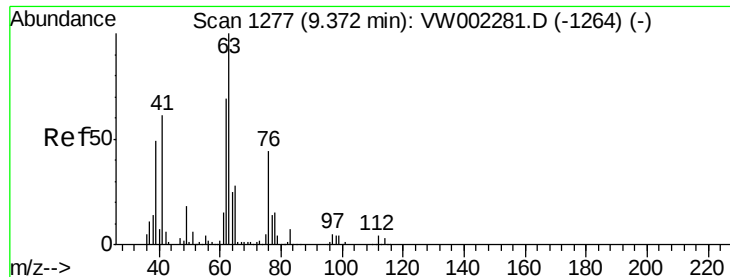
Tgt Ion: 43 Resp: 55437
Ion Ratio Lower Upper
43 100
61 30.3 23.7 35.5
87 13.9 10.7 16.1



#44
Trichloroethene
Concen: 20.12 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion: 130 Resp: 46236
Ion Ratio Lower Upper
130 100
95 95.6 0.0 193.4

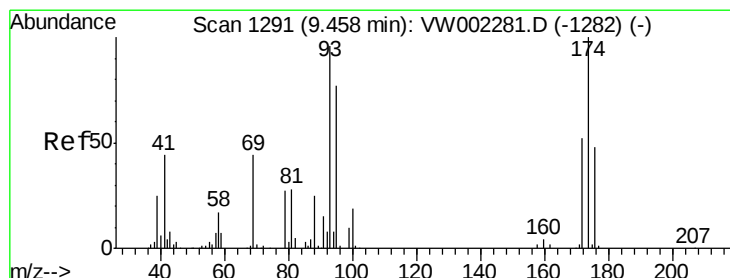
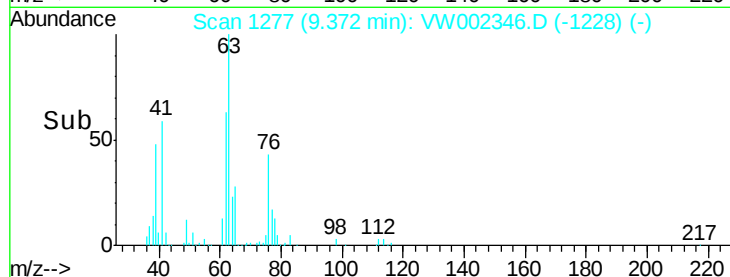
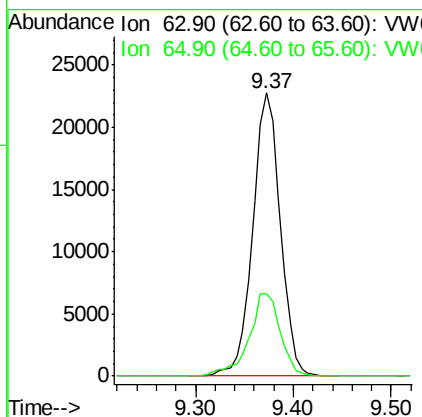
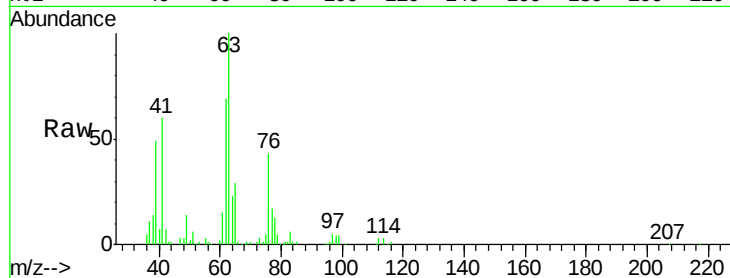




#45
 1,2-Dichloropropane
 Concen: 21.05 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

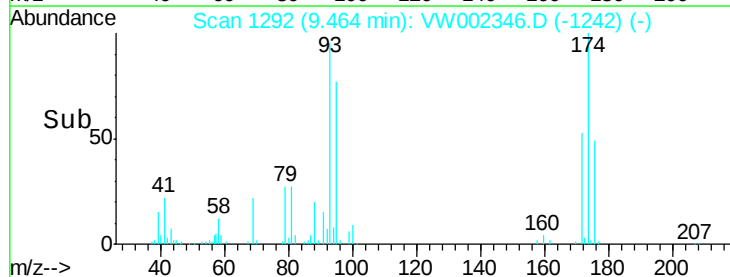
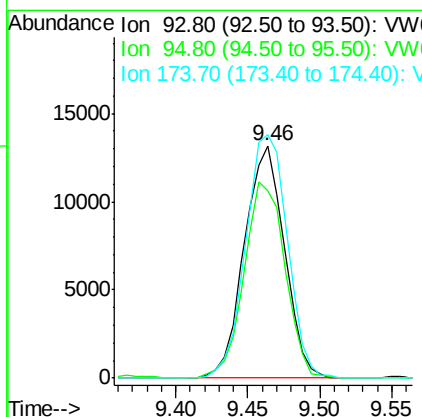
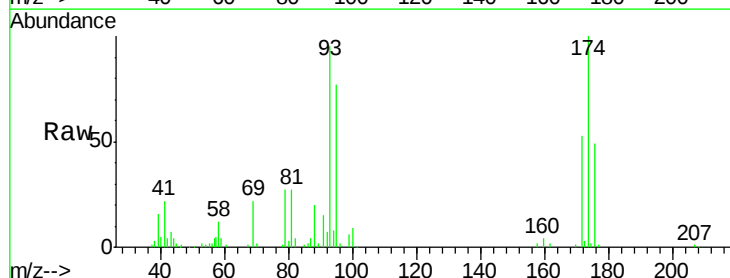
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

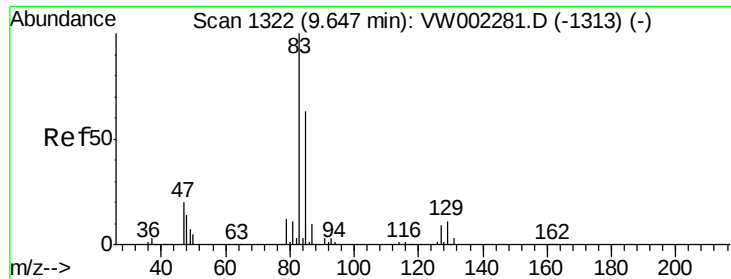
Tgt Ion: 63 Resp: 44449
 Ion Ratio Lower Upper
 63 100
 65 29.0 22.9 34.3



#46
 Dibromomethane
 Concen: 21.50 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion: 93 Resp: 25373
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.4 99.6
 174 109.1 86.8 130.2

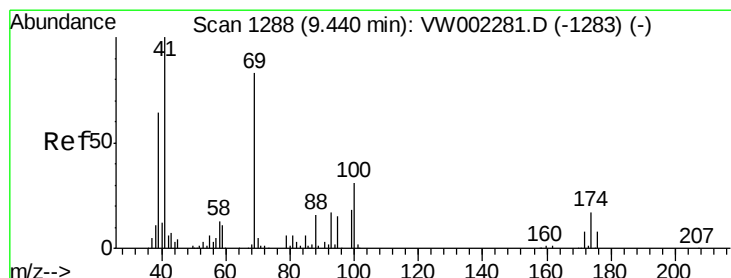
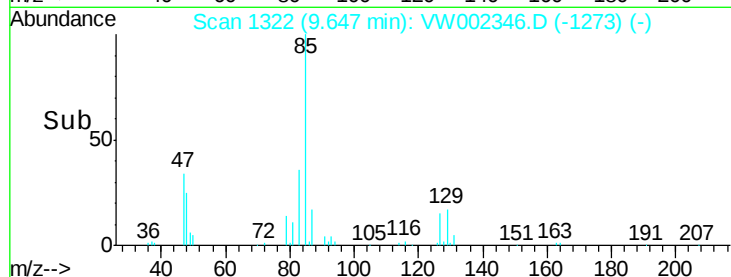
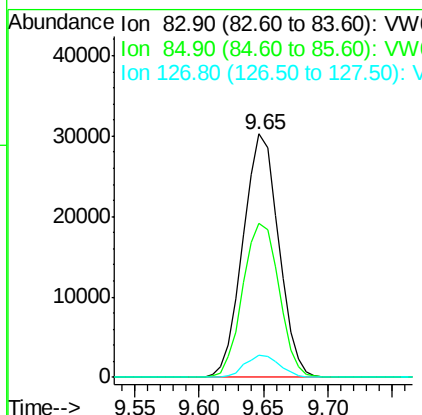
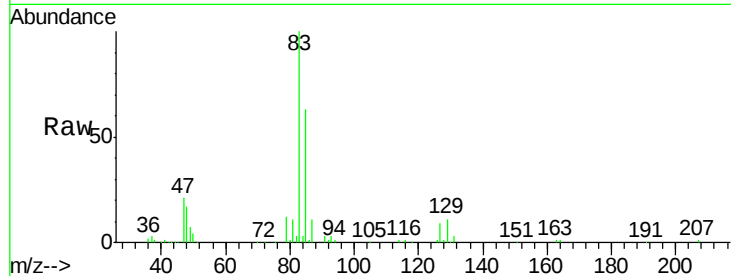




#47
 Bromodichloromethane
 Concen: 20.83 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

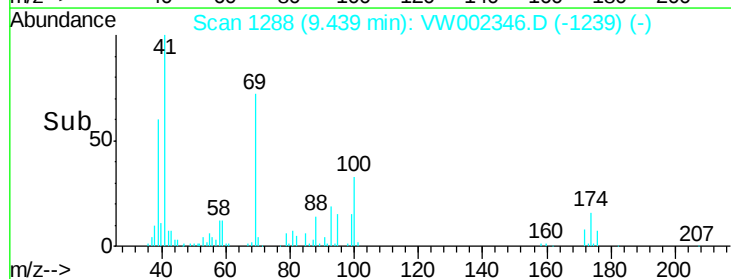
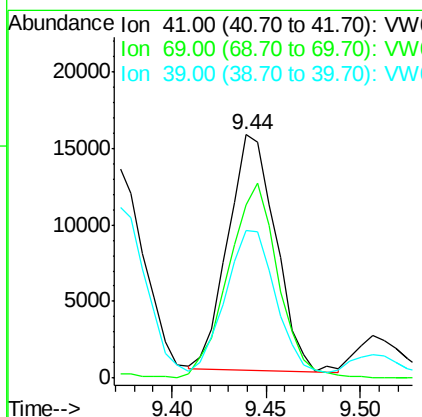
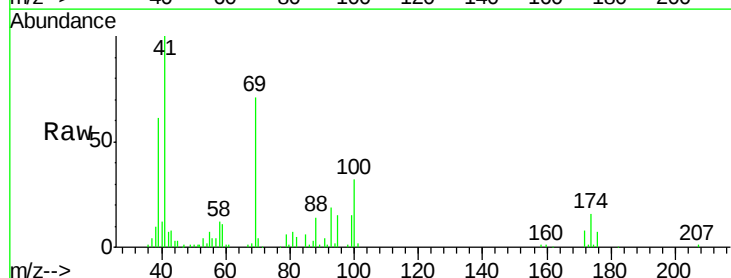
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

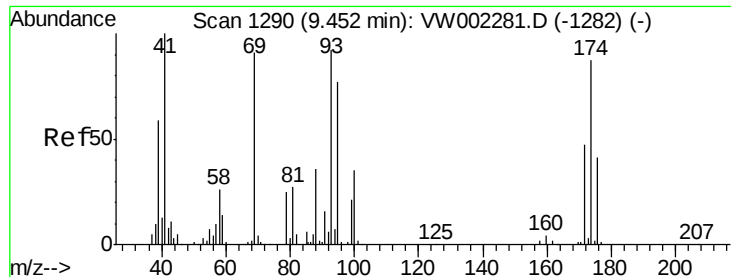
Tgt Ion: 83 Resp: 58016
 Ion Ratio Lower Upper
 83 100
 85 63.5 50.2 75.2
 127 9.3 6.9 10.3



#48
 Methyl methacrylate
 Concen: 20.89 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion: 41 Resp: 27038
 Ion Ratio Lower Upper
 41 100
 69 86.8 69.9 104.9
 39 68.0 54.0 81.0

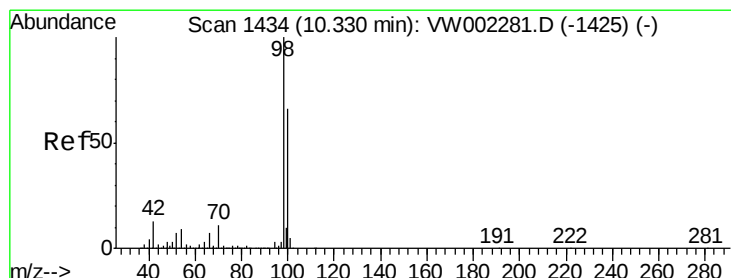
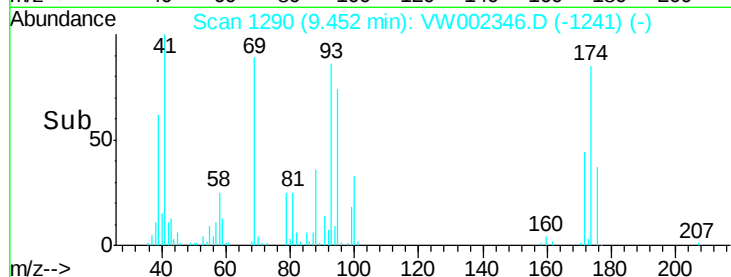
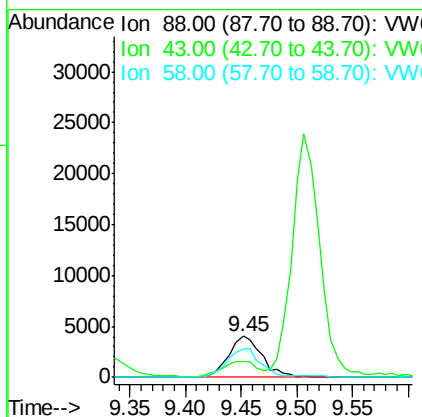
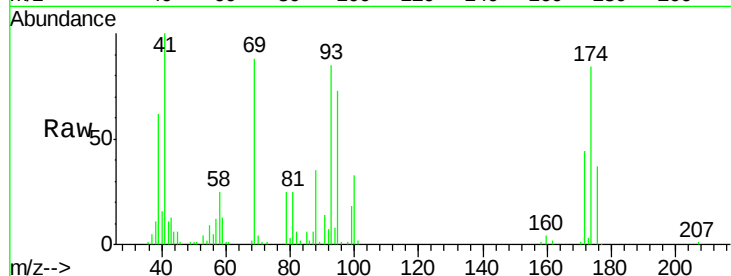




#49
1,4-Dioxane
Concen: 449.72 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

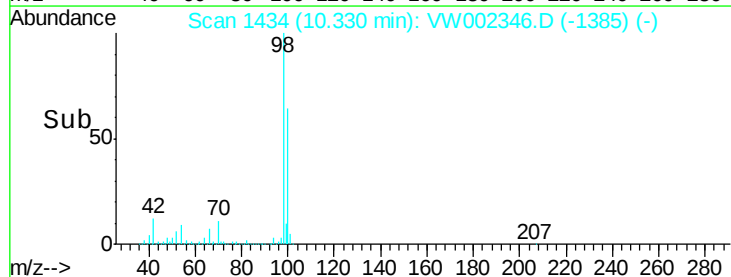
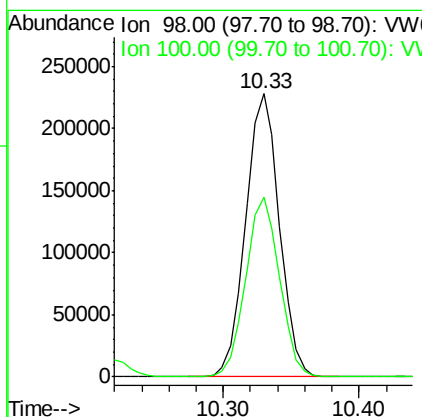
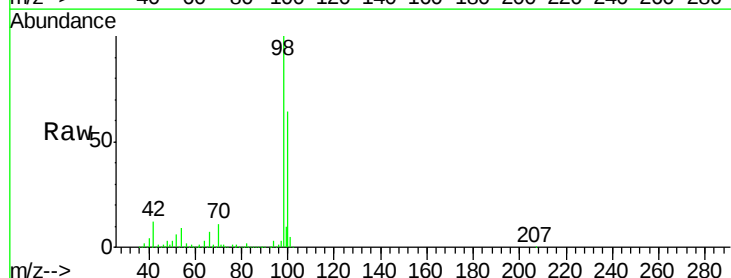
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

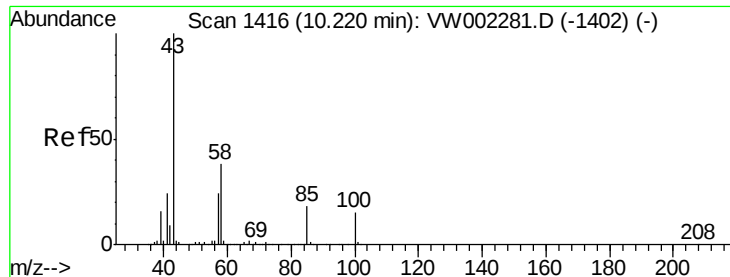
Tgt Ion: 88 Resp: 8433
Ion Ratio Lower Upper
88 100
43 36.1 26.3 39.5
58 71.9 56.0 84.0



#50
Toluene-d8
Concen: 50.80 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion: 98 Resp: 395879
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.2

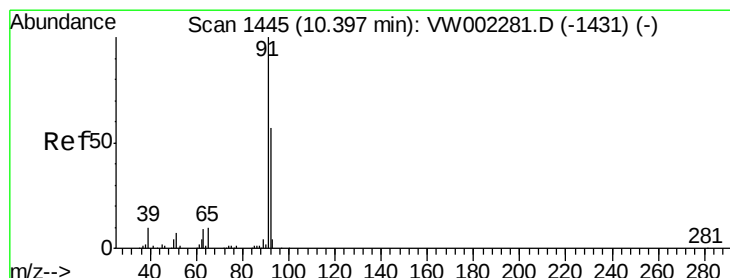
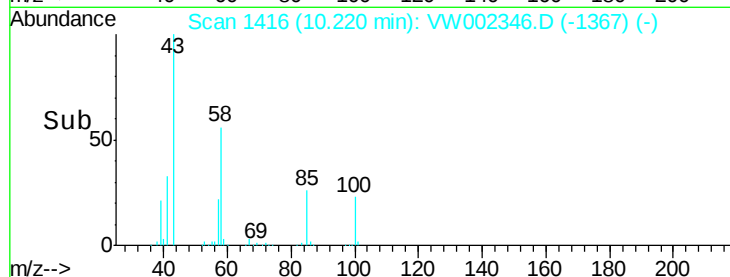
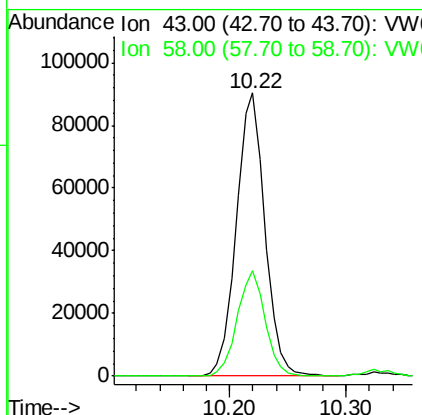
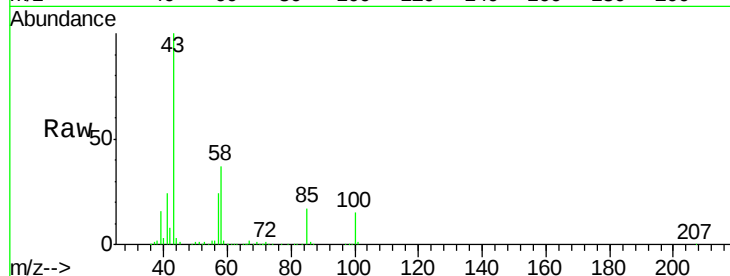




#51
 4-Methyl-2-Pentanone
 Concen: 105.05 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

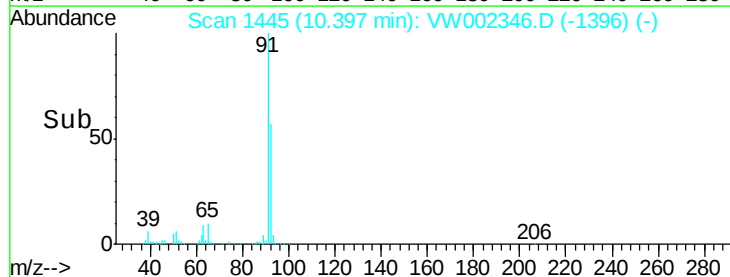
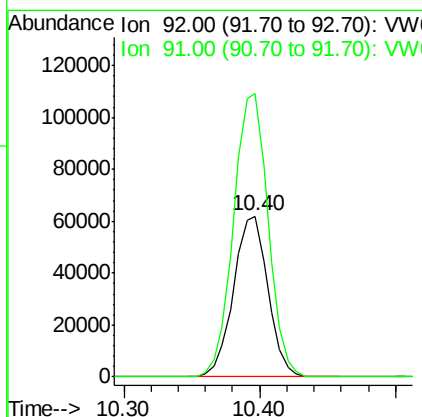
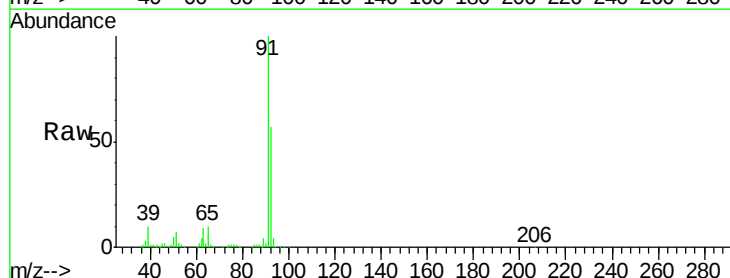
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

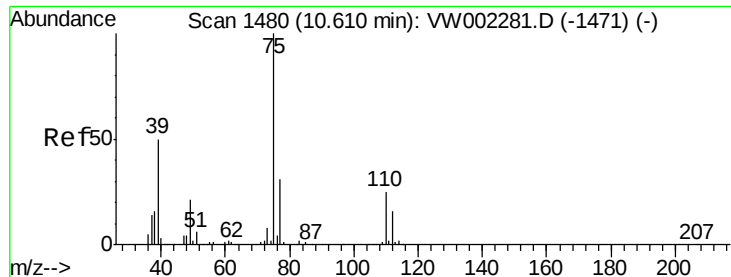
Tgt Ion: 43 Resp: 154488
 Ion Ratio Lower Upper
 43 100
 58 36.6 30.2 45.2



#52
 Toluene
 Concen: 20.32 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion: 92 Resp: 108752
 Ion Ratio Lower Upper
 92 100
 91 177.7 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.41 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

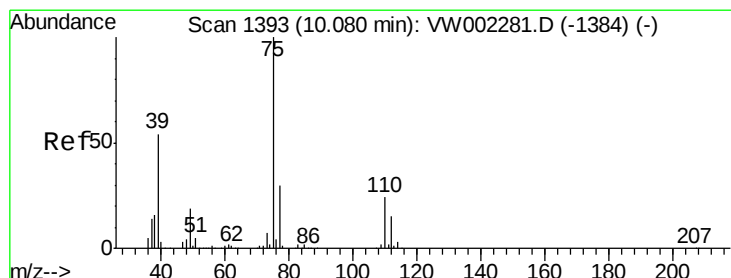
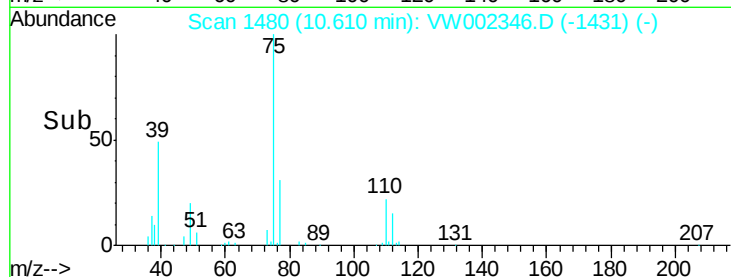
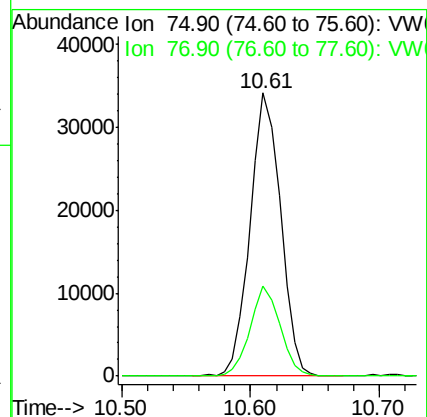
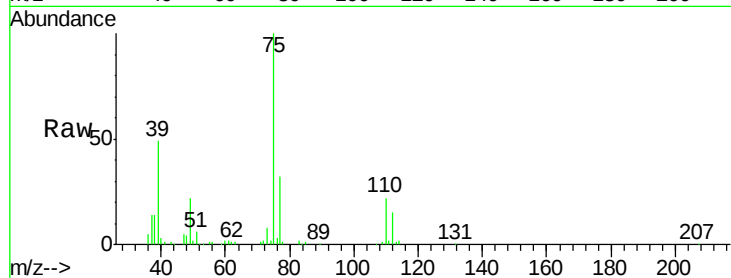
VW0509SBS01

Tgt Ion: 75 Resp: 55913

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.63 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

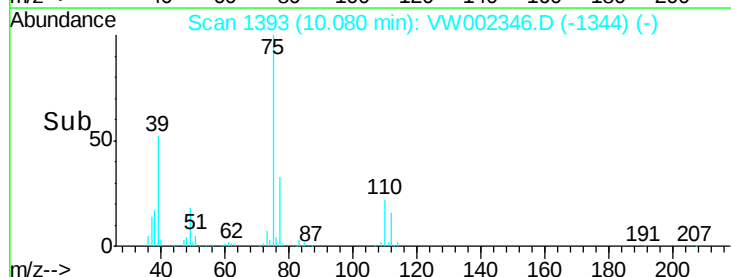
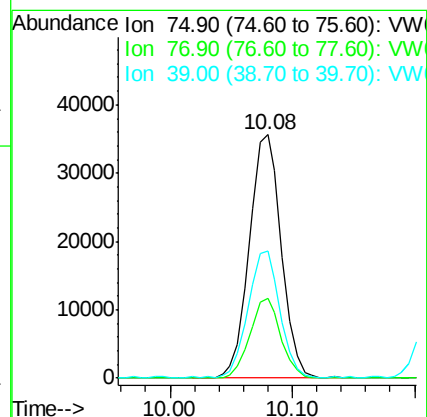
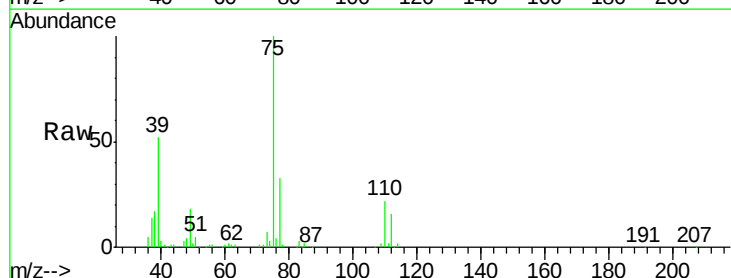
Tgt Ion: 75 Resp: 64587

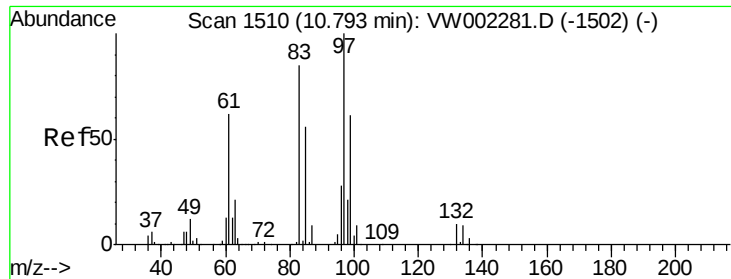
Ion Ratio Lower Upper

75 100

77 32.8 23.9 35.9

39 52.1 43.2 64.8

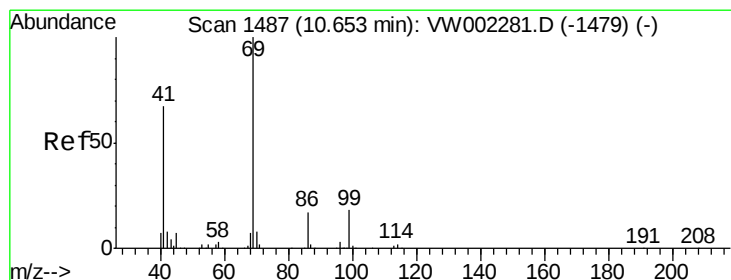
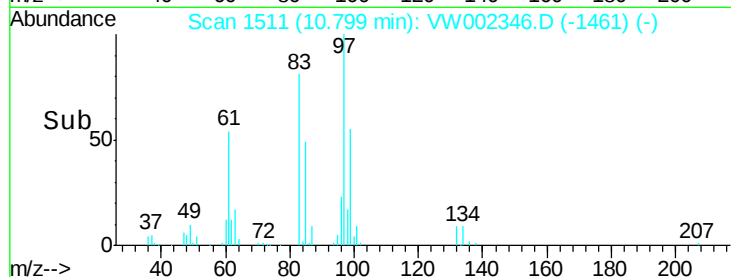
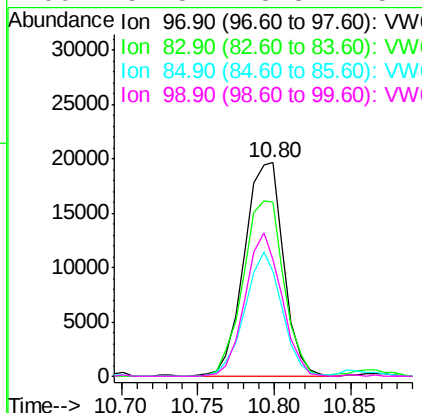
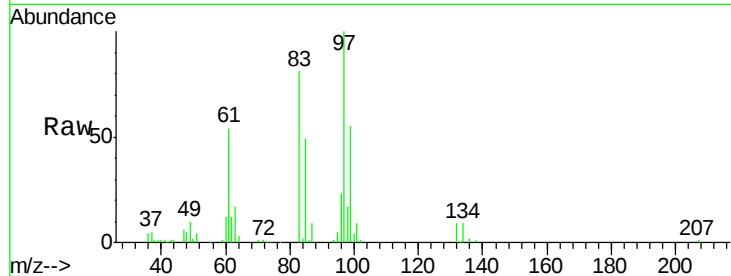




#55
 1,1,2-Trichloroethane
 Concen: 21.12 ug/l
 RT: 10.80 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

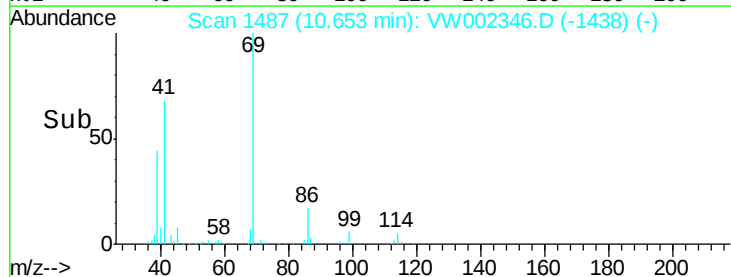
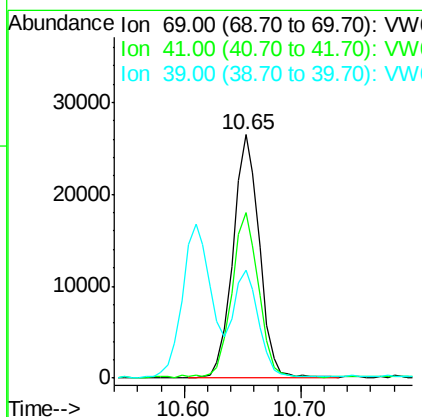
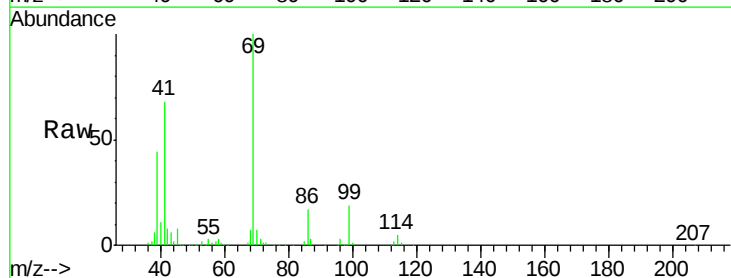
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

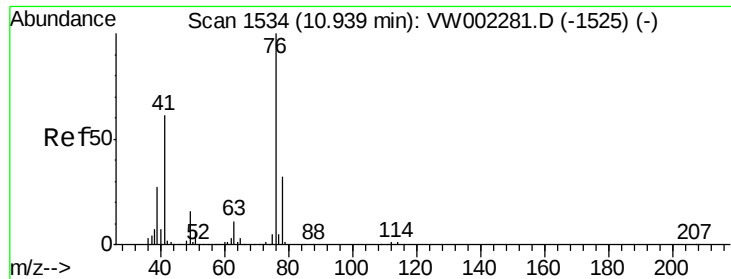
Tgt Ion: 97 Resp: 35104
 Ion Ratio Lower Upper
 97 100
 83 81.4 68.4 102.6
 85 49.1 44.6 67.0
 99 54.8 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 20.37 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion: 69 Resp: 41859
 Ion Ratio Lower Upper
 69 100
 41 68.3 56.0 84.0
 39 40.6 32.7 49.1





#57

1,3-Dichloropropane

Concen: 21.09 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

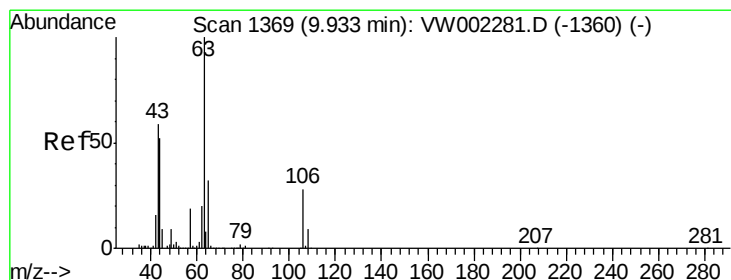
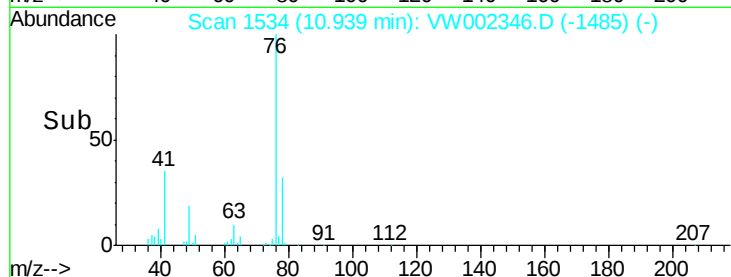
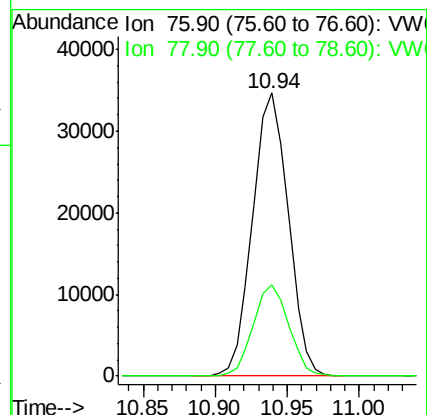
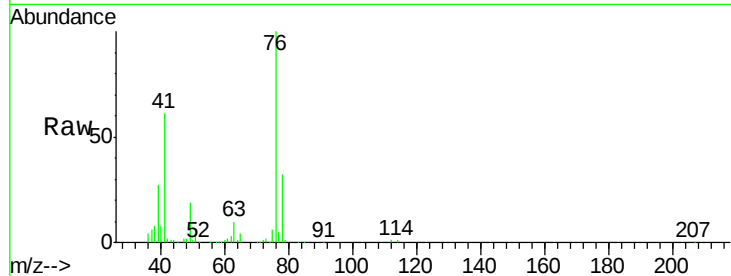
VW0509SBS01

Tgt Ion: 76 Resp: 59588

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 103.12 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW002346.D

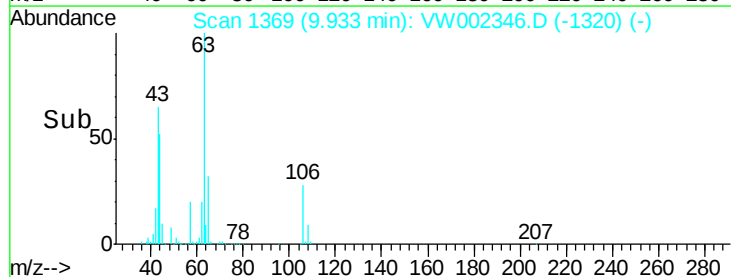
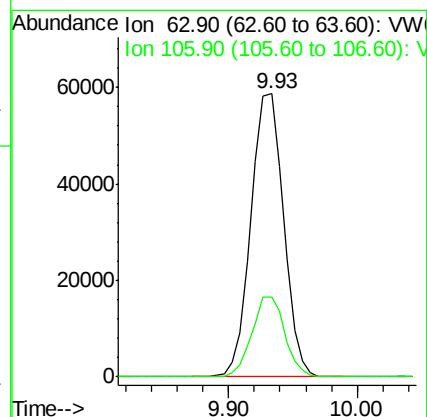
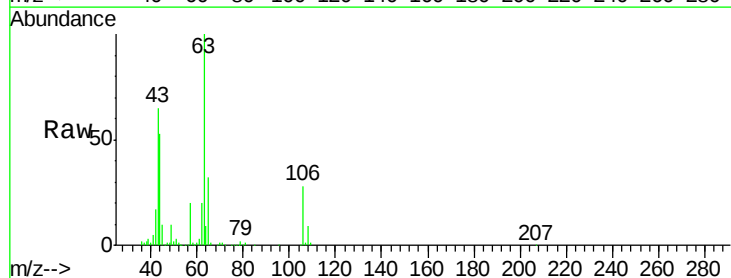
Acq: 10 May 2018 00:05

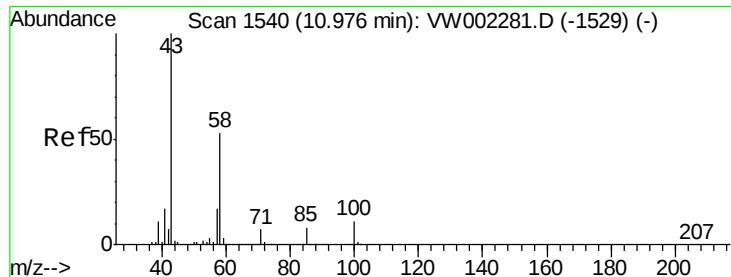
Tgt Ion: 63 Resp: 102833

Ion Ratio Lower Upper

63 100

106 28.4 22.5 33.7

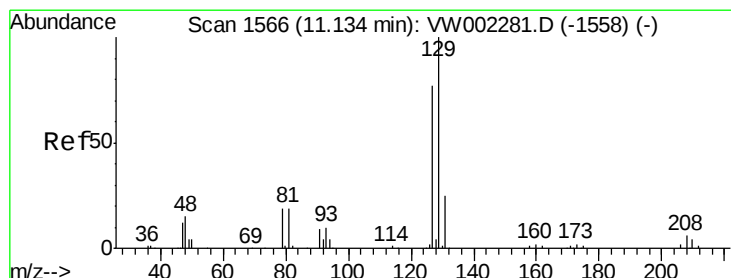
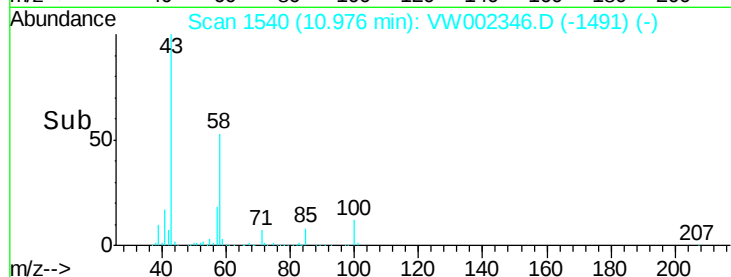
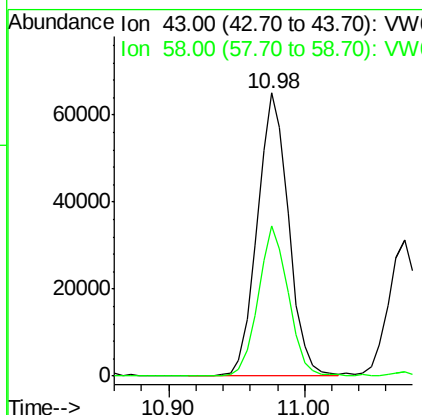
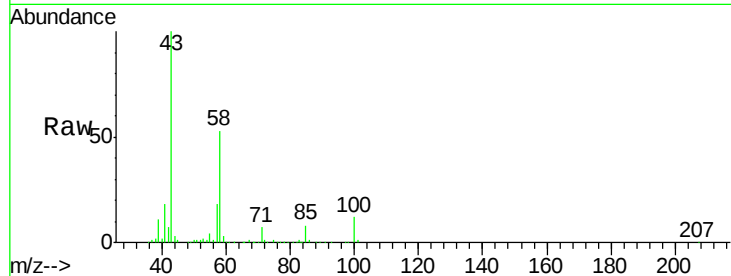




#59
2-Hexanone
Concen: 104.58 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

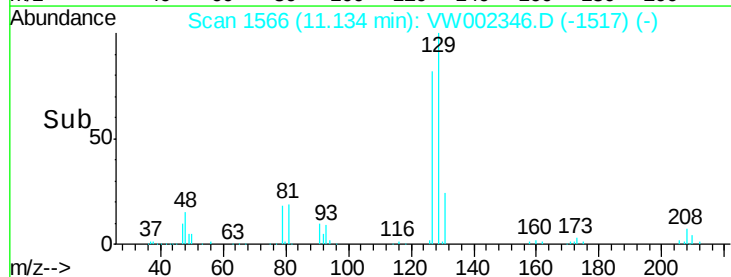
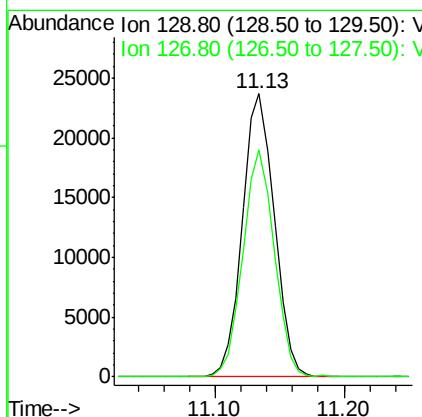
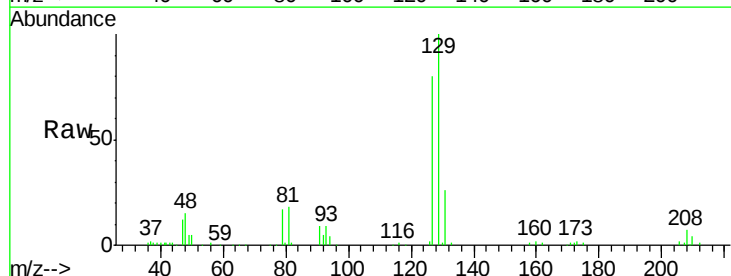
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

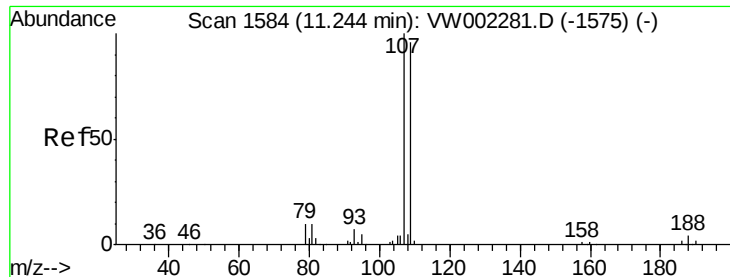
Tgt Ion: 43 Resp: 105195
Ion Ratio Lower Upper
43 100
58 51.2 26.0 78.0



#60
Dibromochloromethane
Concen: 20.67 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion: 129 Resp: 40544
Ion Ratio Lower Upper
129 100
127 78.7 39.0 116.9





#61

1,2-Dibromoethane

Concen: 21.38 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

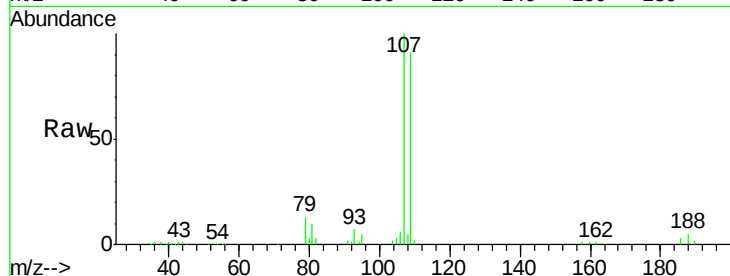
VW0509SBS01

Tgt Ion: 107 Resp: 34728

Ion Ratio Lower Upper

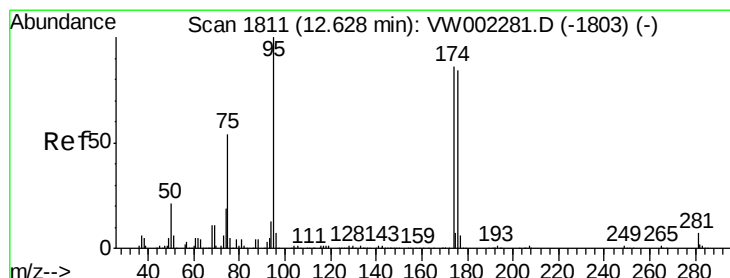
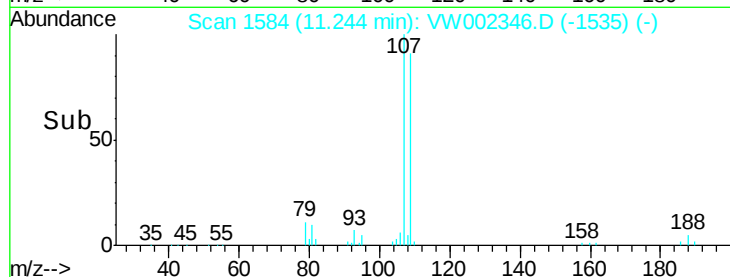
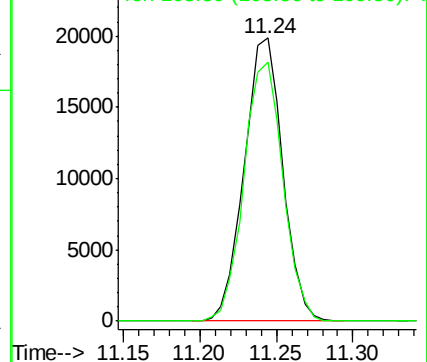
107 100

109 93.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.73 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

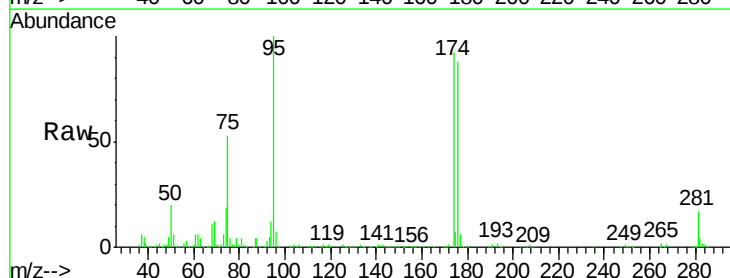
Tgt Ion: 95 Resp: 142851

Ion Ratio Lower Upper

95 100

174 88.9 0.0 176.8

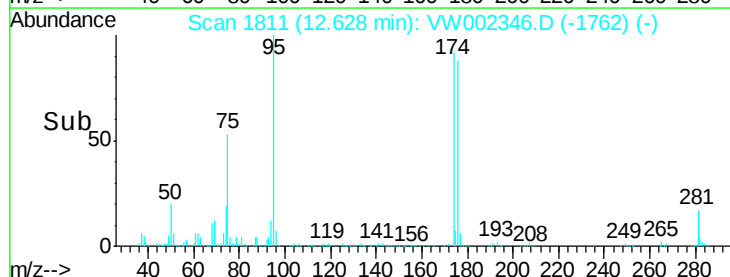
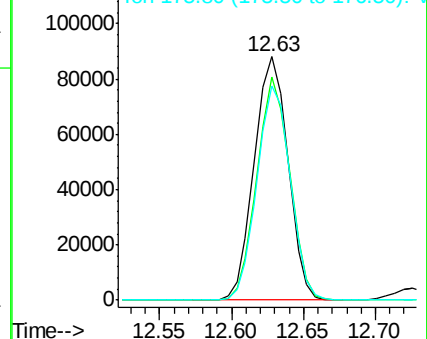
176 86.9 0.0 170.4

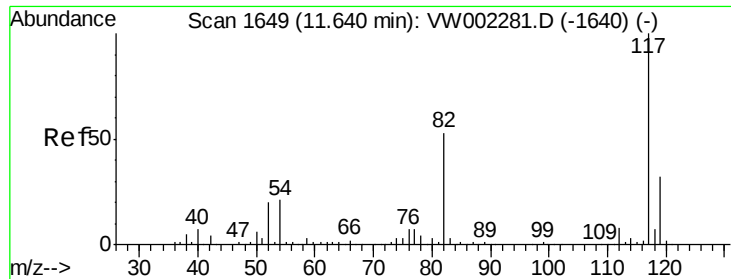


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

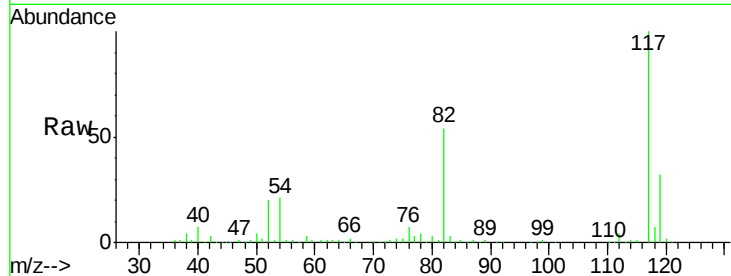




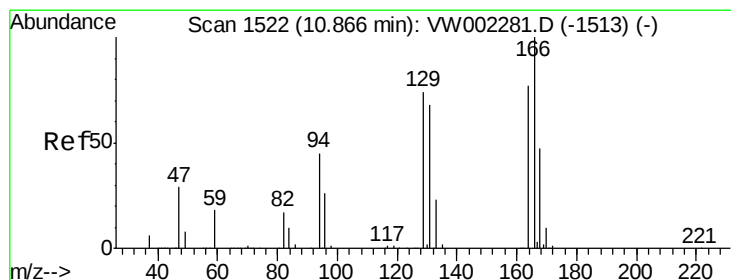
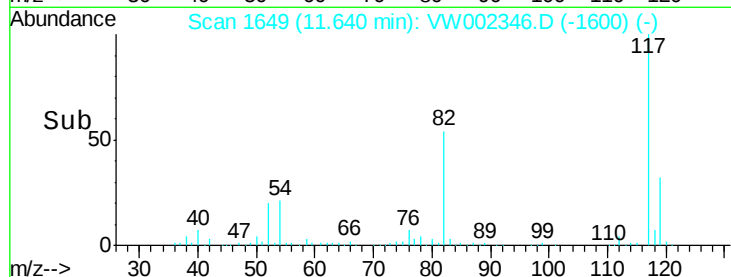
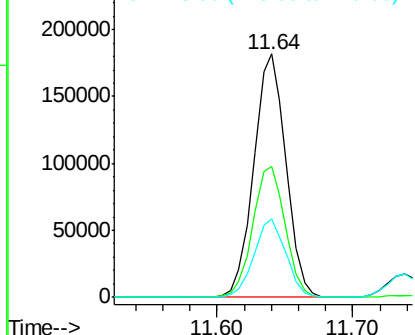
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

Tgt Ion:117 Resp: 301532
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 32.0 25.2 37.8



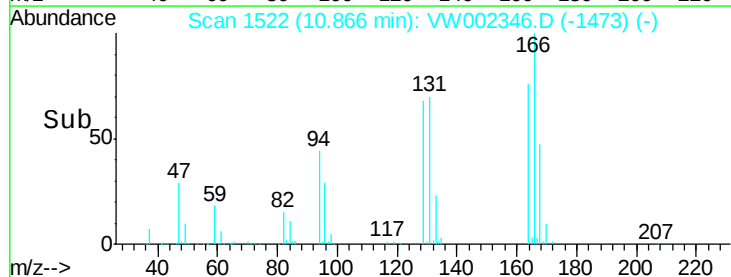
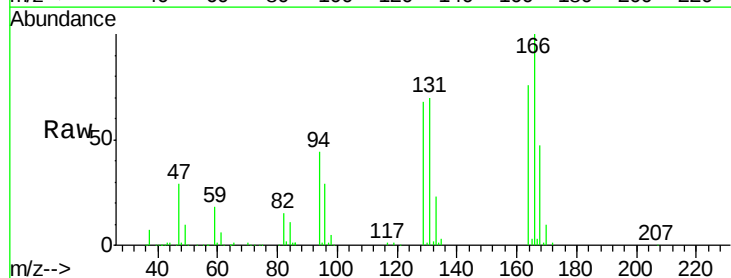
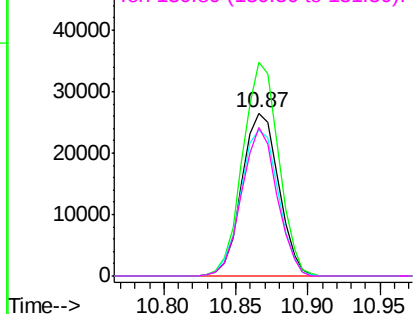
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

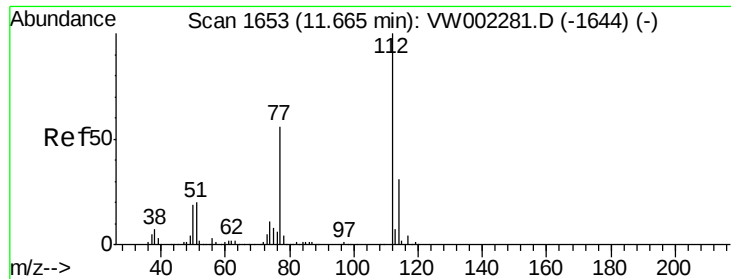


#64
Tetrachloroethene
Concen: 20.19 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion:164 Resp: 46853
Ion Ratio Lower Upper
164 100
166 131.0 103.3 154.9
129 89.6 76.6 114.8
131 91.3 70.7 106.1

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





#65

Chlorobenzene

Concen: 20.59 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

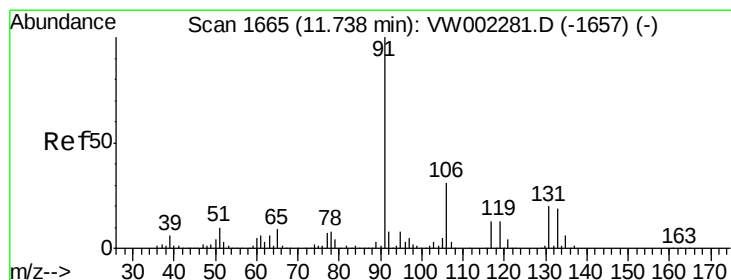
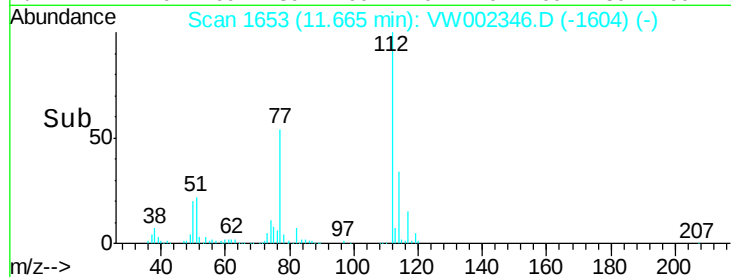
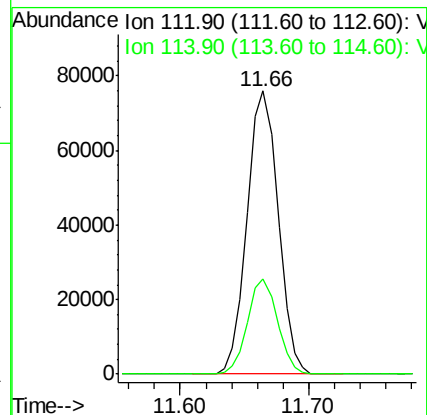
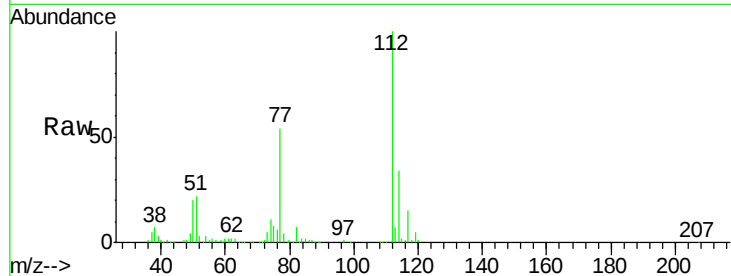
VW0509SBS01

Tgt Ion:112 Resp: 126877

Ion Ratio Lower Upper

112 100

114 33.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.13 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

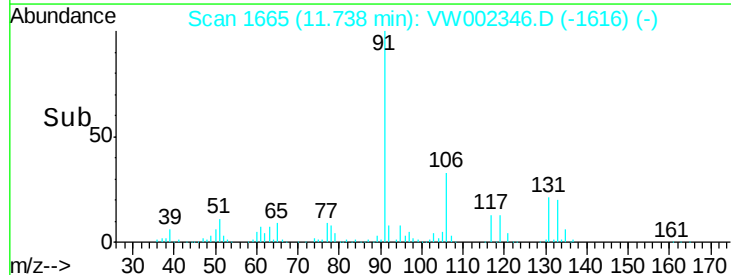
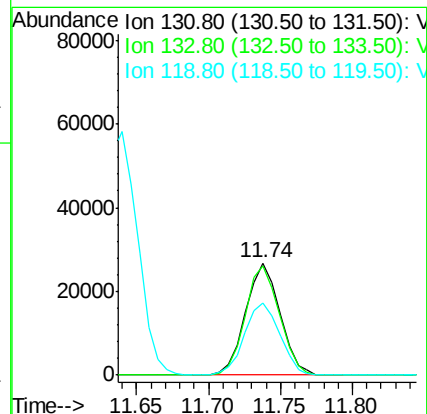
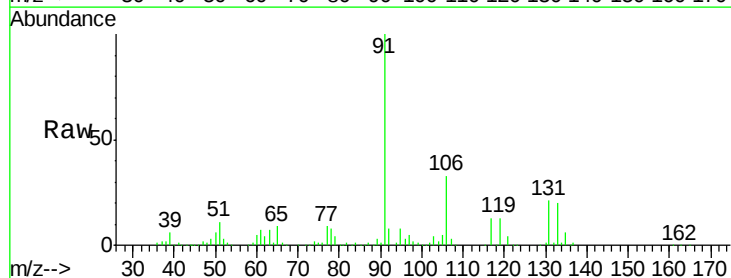
Tgt Ion:131 Resp: 44209

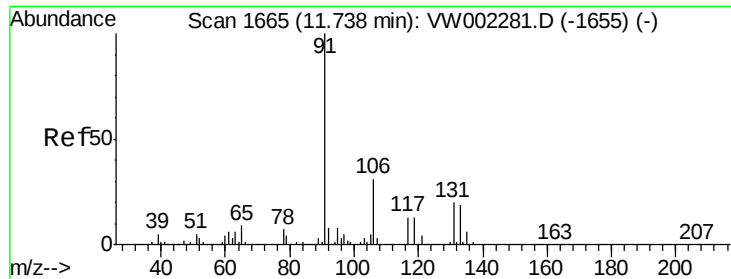
Ion Ratio Lower Upper

131 100

133 97.0 47.8 143.3

119 66.4 32.0 96.0

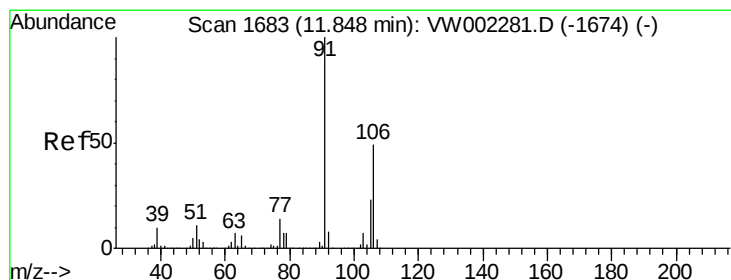
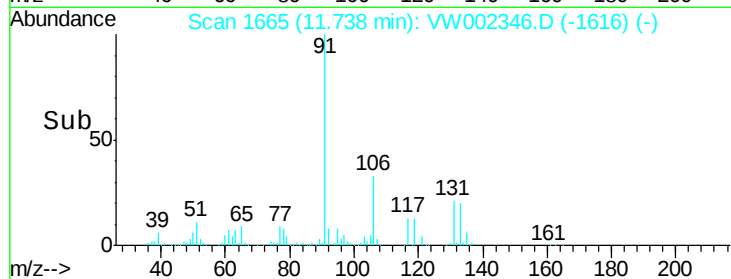
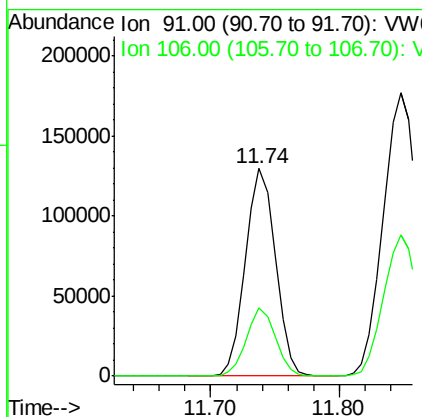
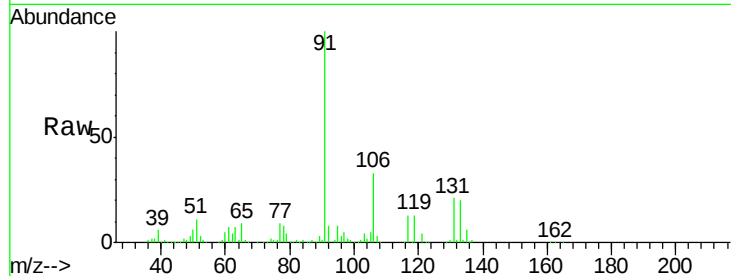




#67
Ethyl Benzene
Concen: 19.77 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

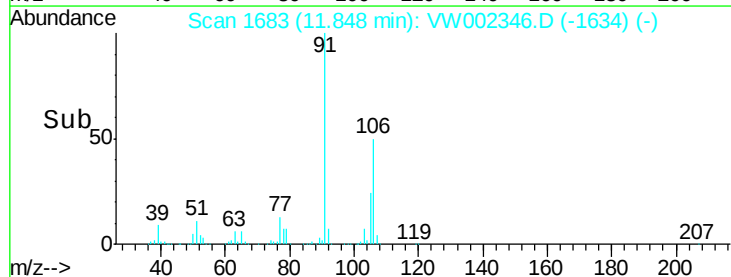
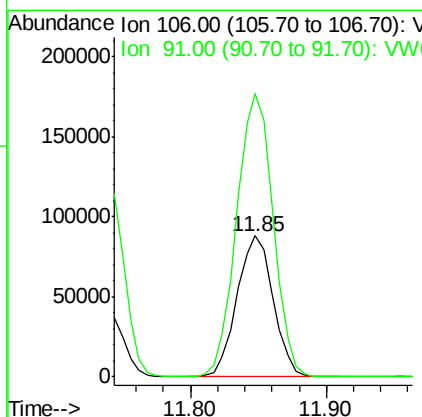
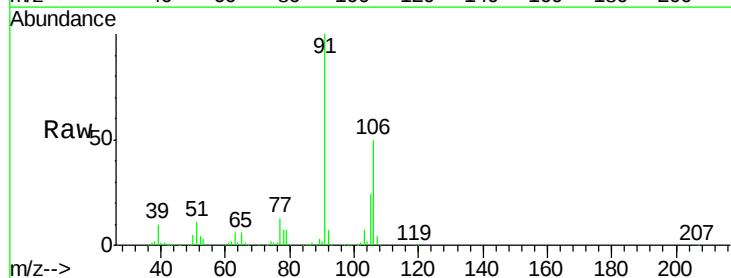
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

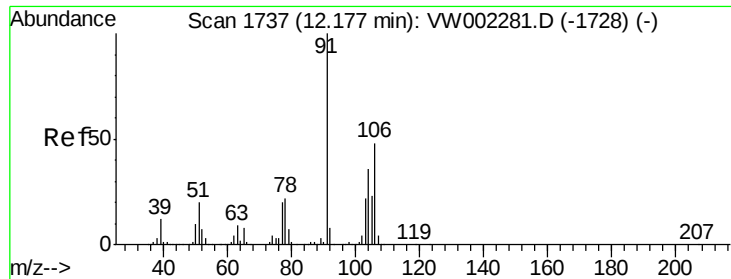
Tgt Ion: 91 Resp: 209364
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3



#68
m/p-Xylenes
Concen: 39.98 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion: 106 Resp: 163377
Ion Ratio Lower Upper
106 100
91 202.8 161.4 242.0

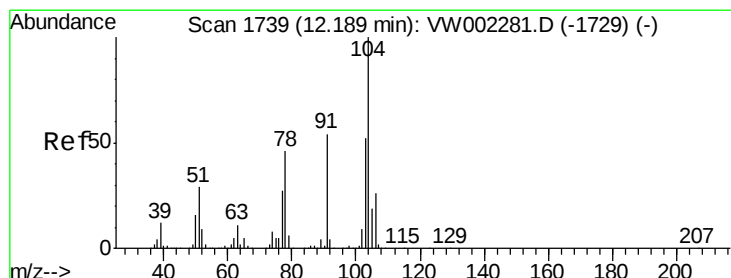
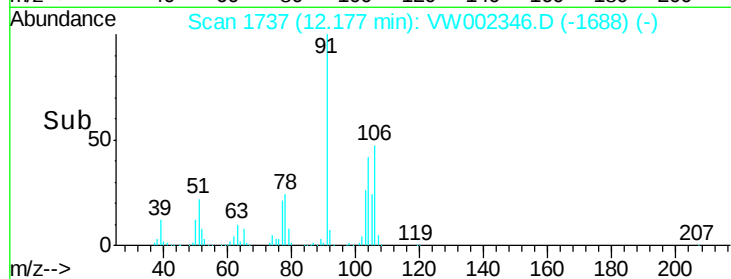
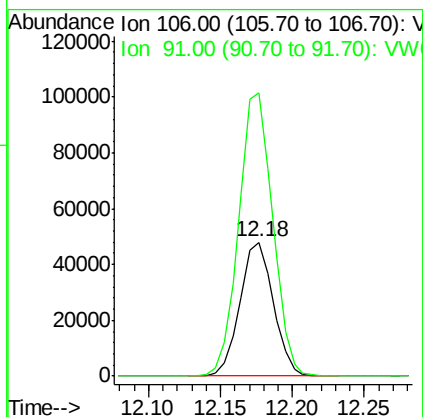
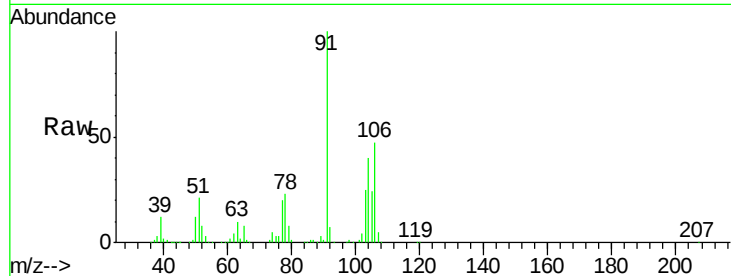




#69
o-Xylene
Concen: 19.84 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

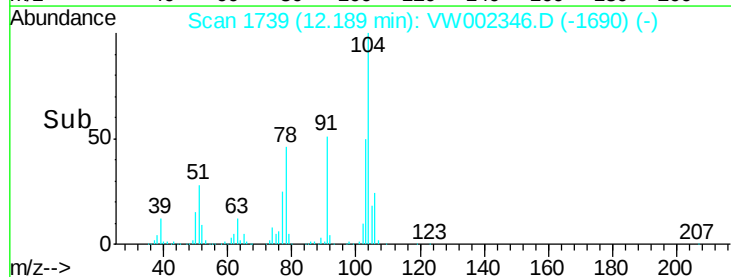
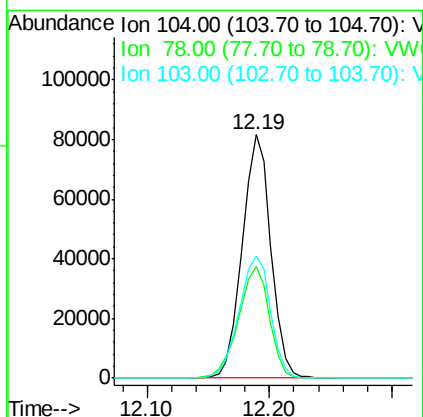
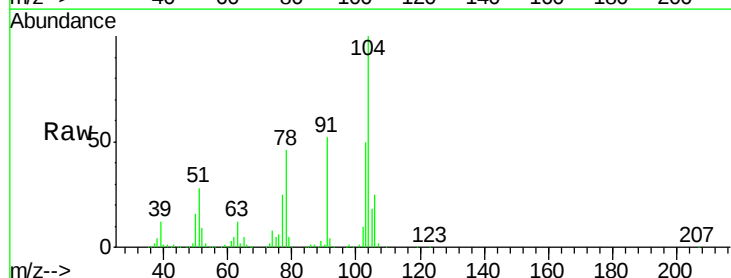
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

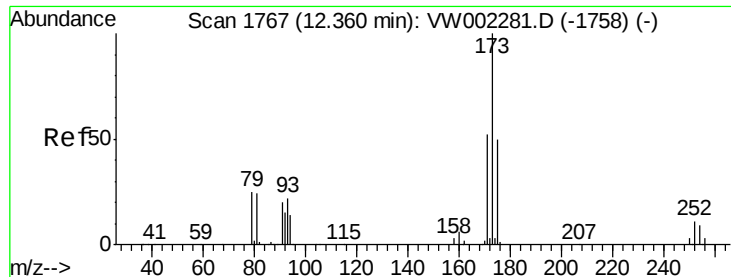
Tgt Ion:106 Resp: 77083
Ion Ratio Lower Upper
106 100
91 215.0 107.1 321.1



#70
Styrene
Concen: 20.46 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion:104 Resp: 132021
Ion Ratio Lower Upper
104 100
78 49.8 39.6 59.4
103 55.3 44.4 66.6





#71

Bromoform

Concen: 19.98 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

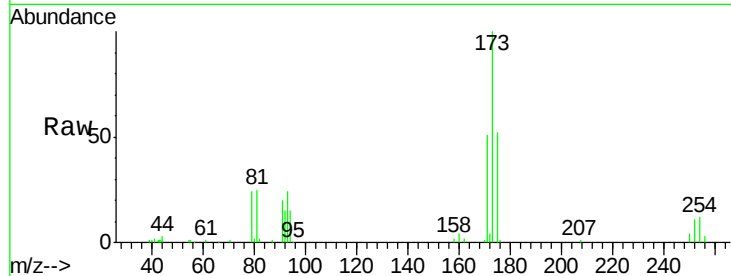
Tgt Ion:173 Resp: 25164

Ion Ratio Lower Upper

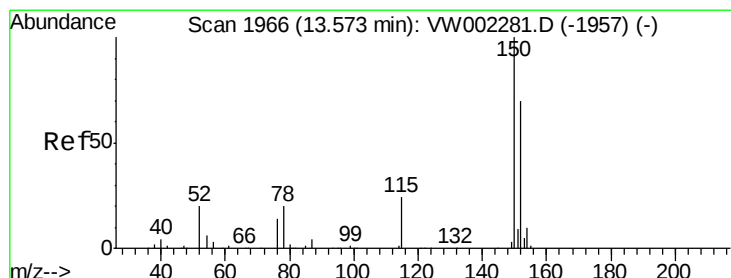
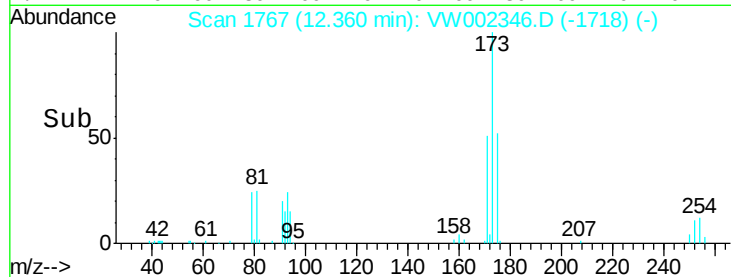
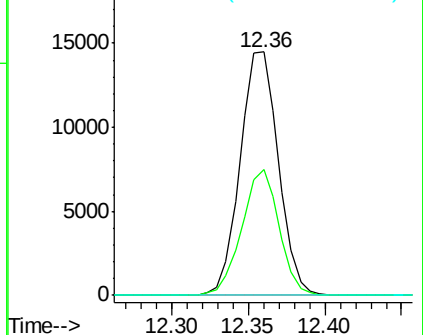
173 100

175 50.1 24.3 72.9

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: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

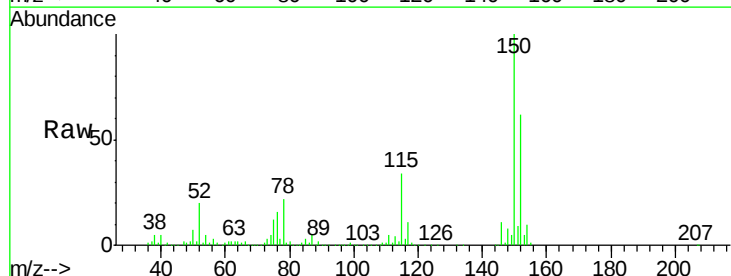
Tgt Ion:152 Resp: 164661

Ion Ratio Lower Upper

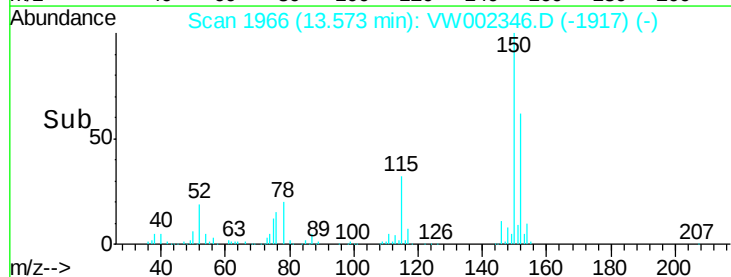
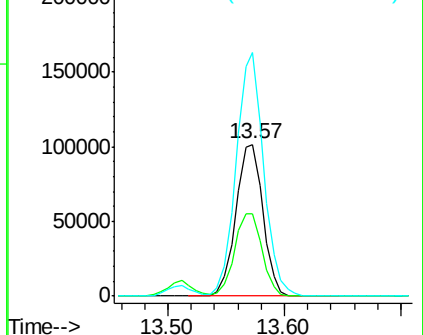
152 100

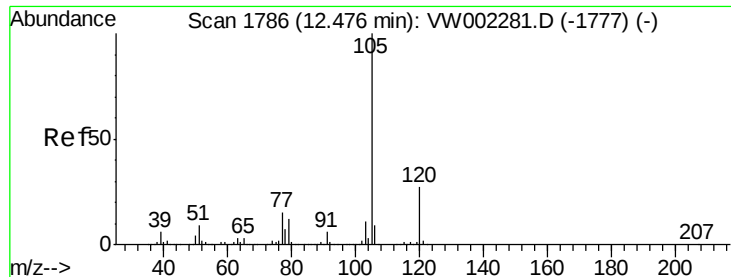
115 55.6 28.5 85.5

150 162.7 0.0 342.6



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: 19.45 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampled :

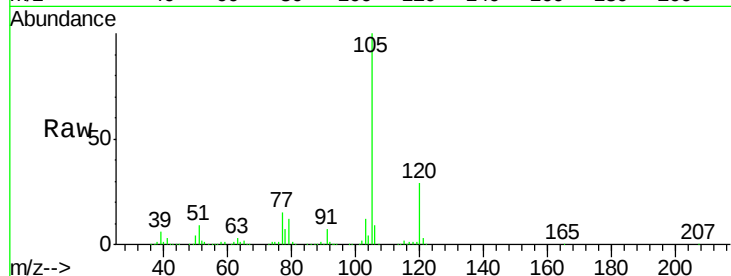
VW0509SBS01

Tgt Ion: 105 Resp: 208049

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

120000

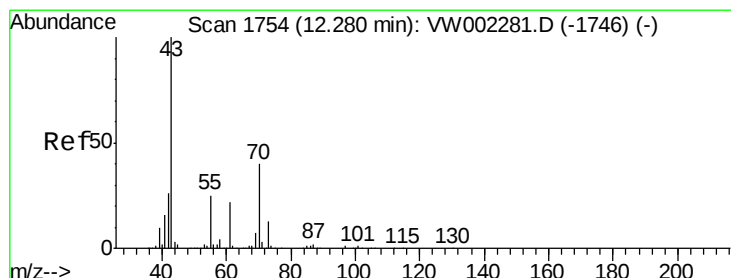
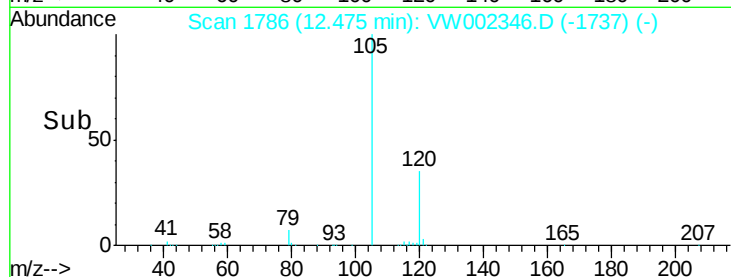
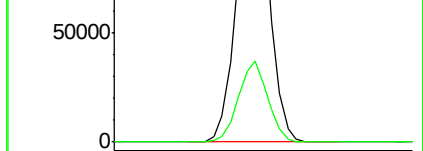
100000

50000

0

12.40

12.50



#74

N-ethyl acetate

Concen: 20.43 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Tgt Ion: 43 Resp: 54687

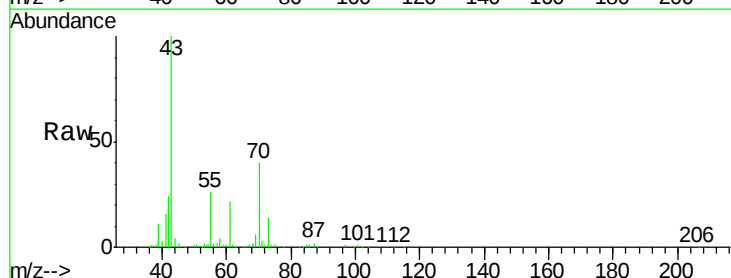
Ion Ratio Lower Upper

43 100

70 40.0 31.9 47.9

55 26.0 19.9 29.9

61 22.2 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

50000

40000

30000

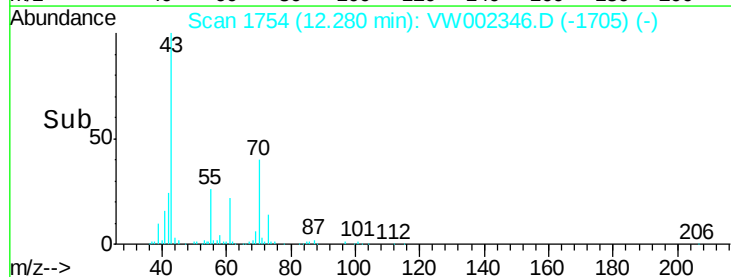
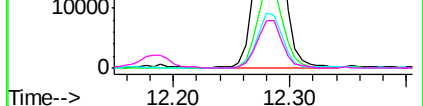
20000

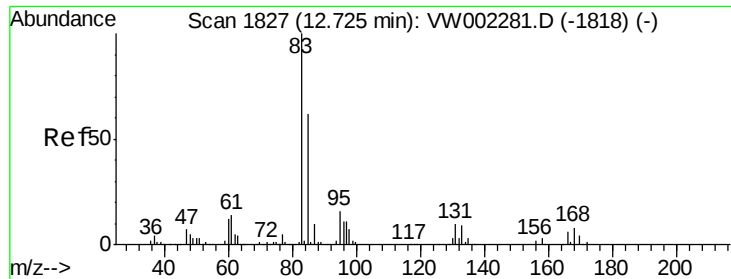
10000

0

12.20

12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 20.63 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

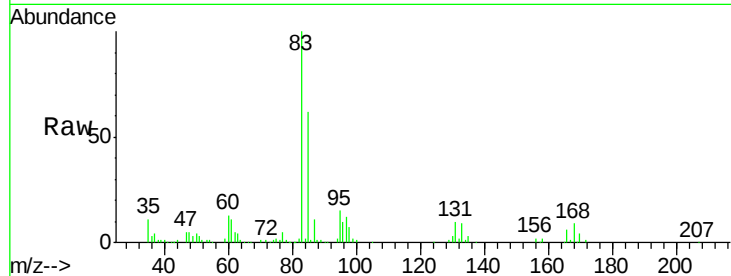
Tgt Ion: 83 Resp: 42641

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

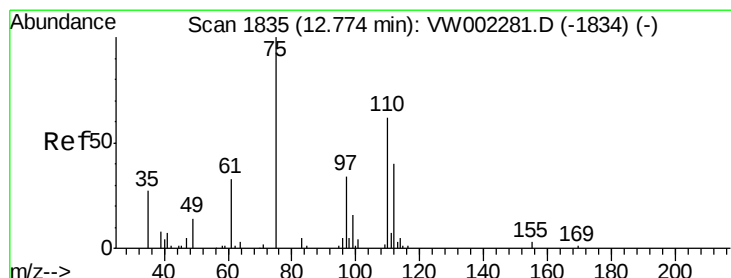
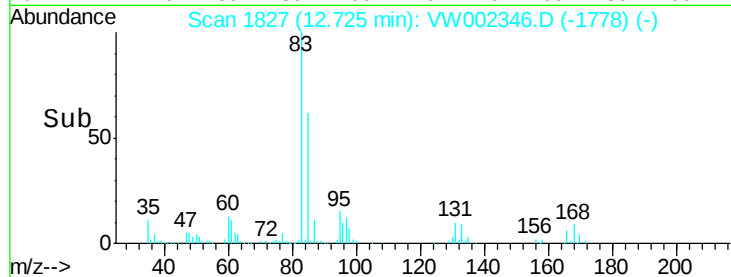
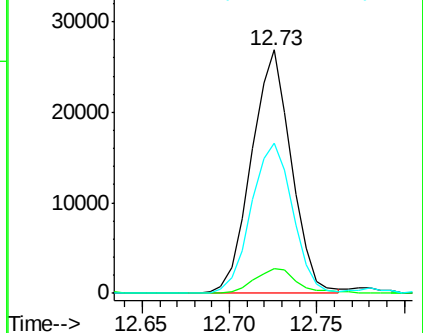
85 64.1 31.5 94.5



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: 36.03 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW002346.D

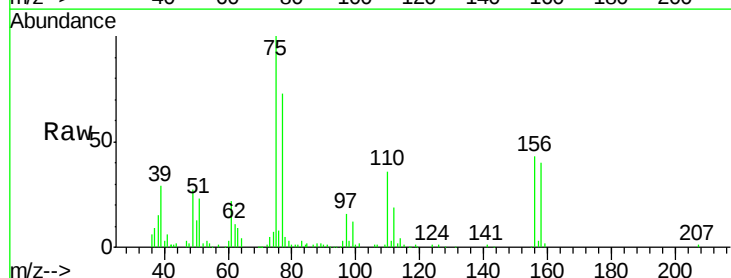
Acq: 10 May 2018 00:05

Tgt Ion: 75 Resp: 52617

Ion Ratio Lower Upper

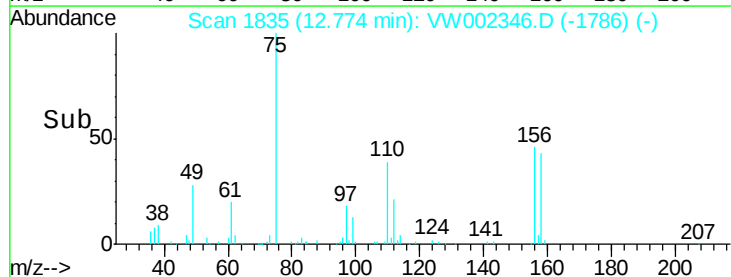
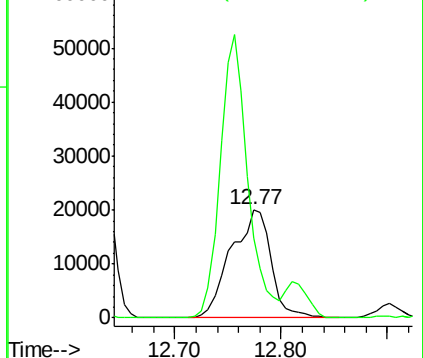
75 100

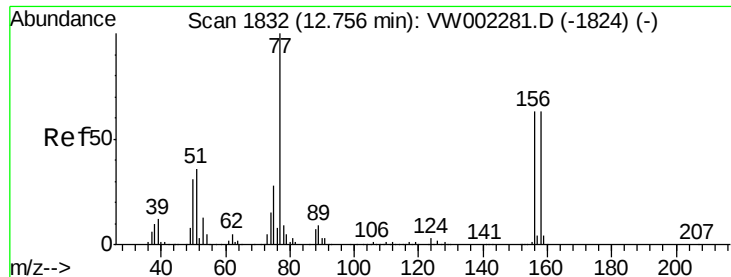
77 180.7 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.66 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

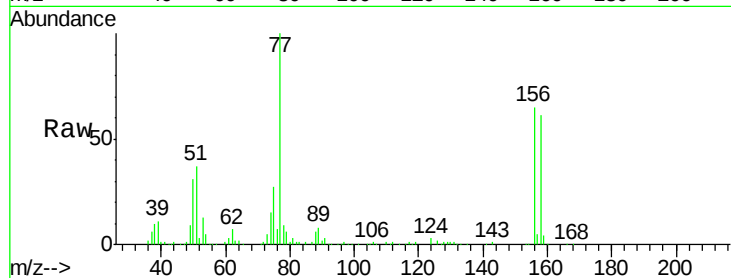
Tgt Ion:156 Resp: 55691

Ion Ratio Lower Upper

156 100

77 170.7 87.7 263.1

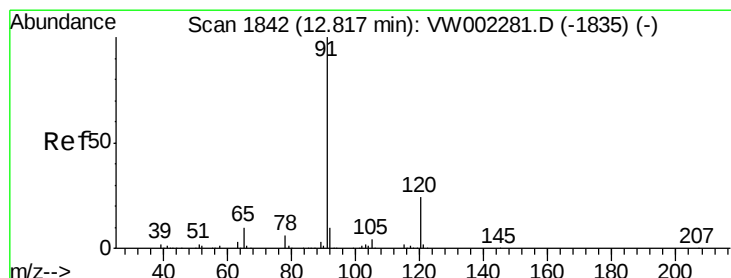
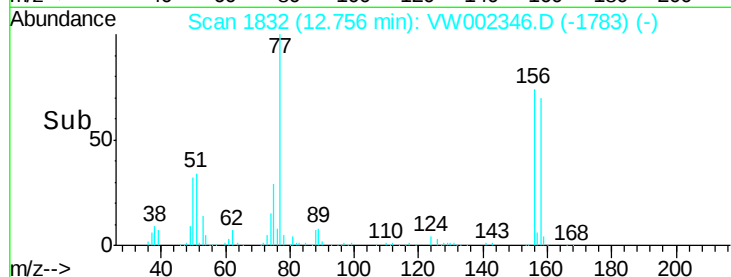
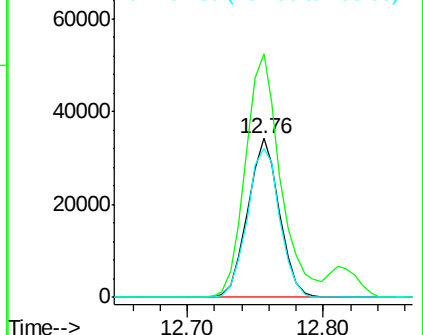
158 96.5 48.6 145.8



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: 19.68 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002346.D

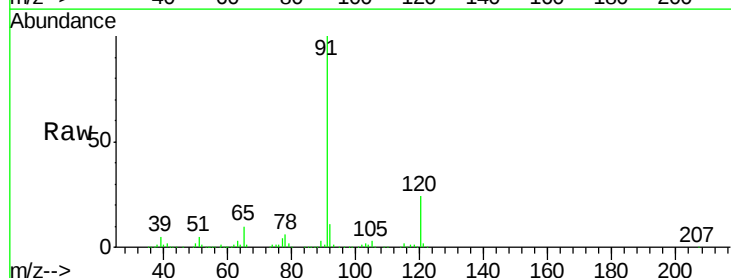
Acq: 10 May 2018 00:05

Tgt Ion: 91 Resp: 249493

Ion Ratio Lower Upper

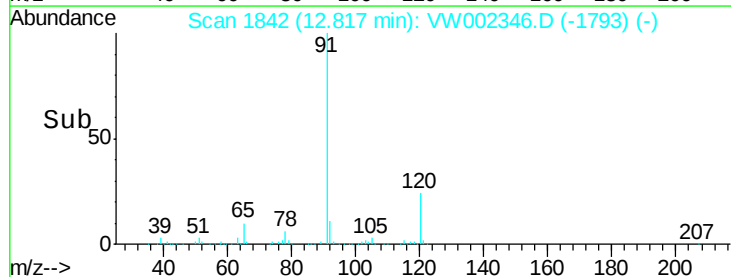
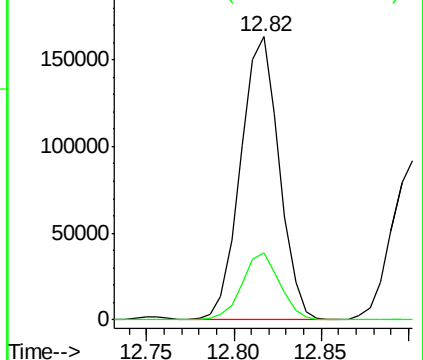
91 100

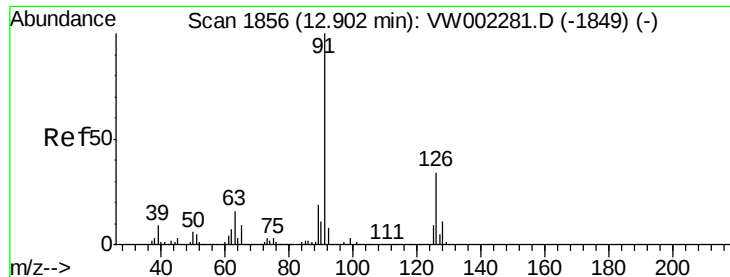
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.91 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

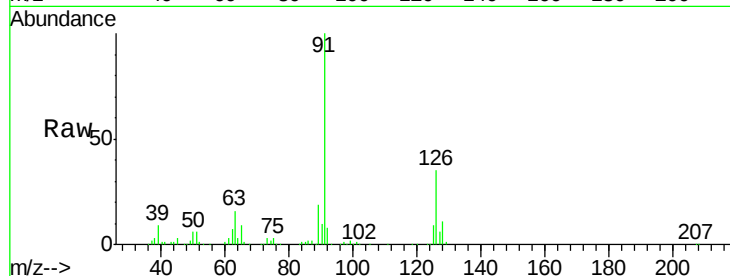
VW0509SBS01

Tgt Ion: 91 Resp: 145341

Ion Ratio Lower Upper

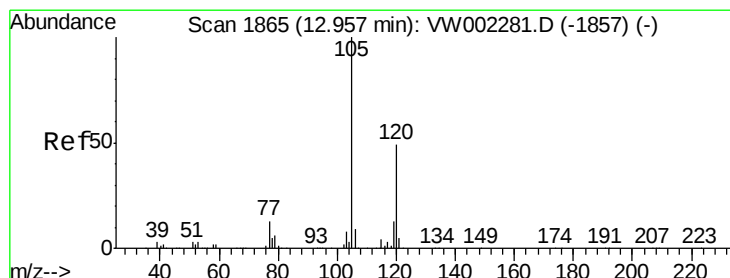
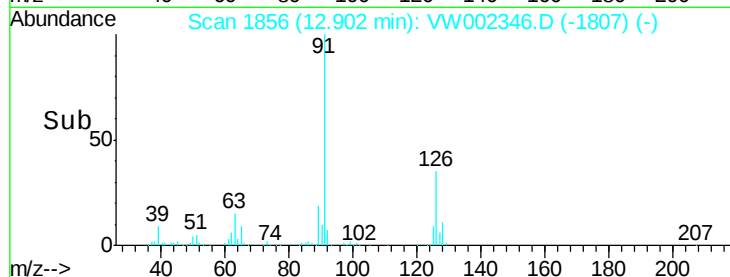
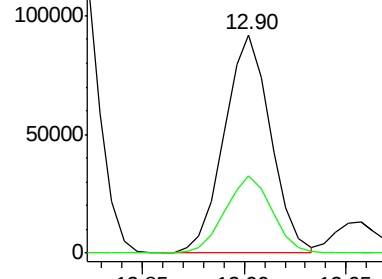
91 100

126 35.6 17.2 51.6



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: 20.27 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VW002346.D

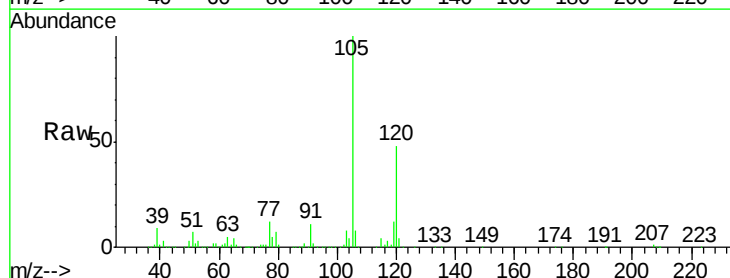
Acq: 10 May 2018 00:05

Tgt Ion: 105 Resp: 182407

Ion Ratio Lower Upper

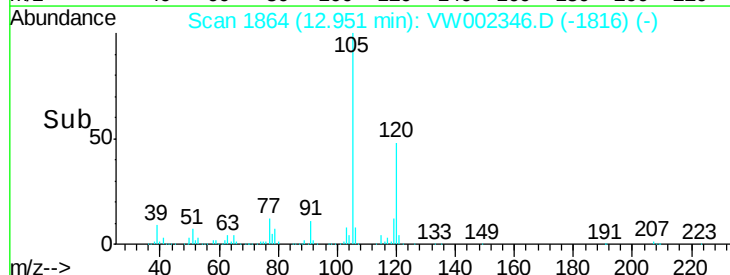
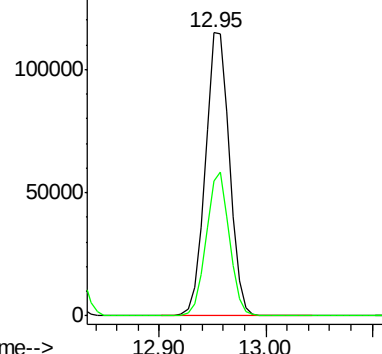
105 100

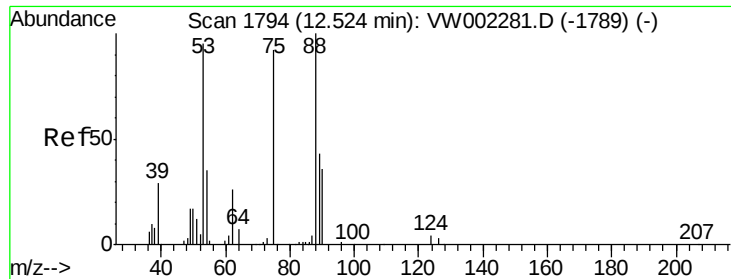
120 48.8 24.6 74.0



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: 20.34 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

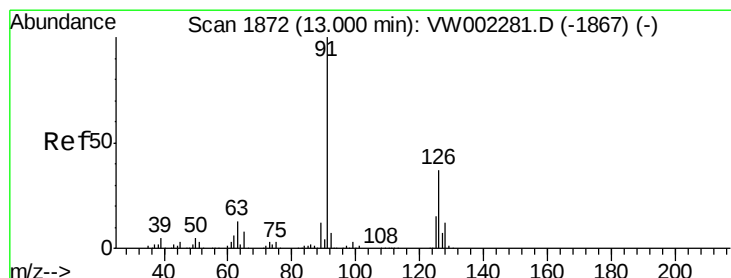
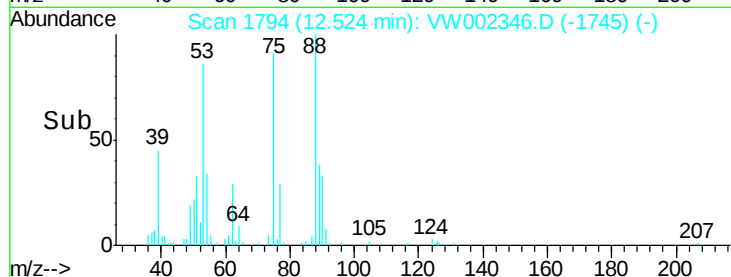
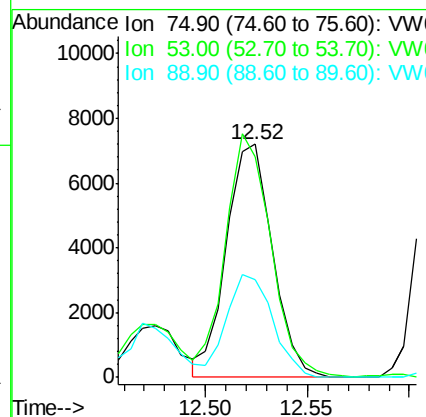
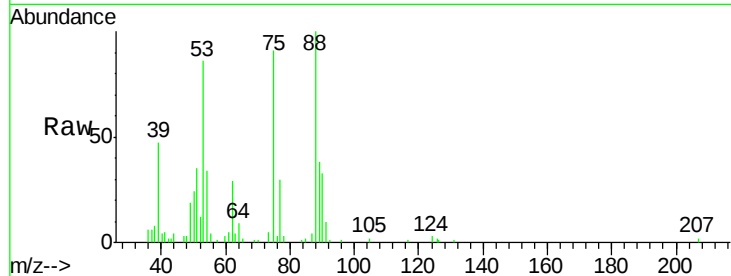
Tgt Ion: 75 Resp: 11276

Ion Ratio Lower Upper

75 100

53 103.4 79.9 119.9

89 43.6 37.6 56.4



#82

4-Chlorotoluene

Concen: 20.13 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW002346.D

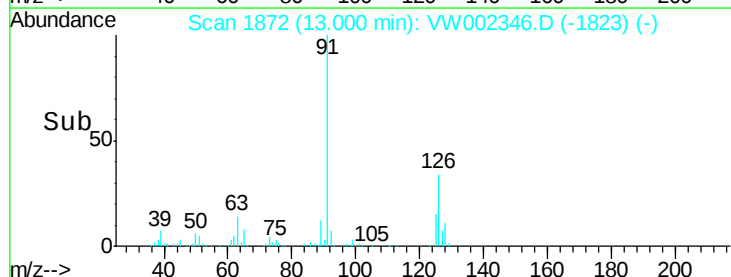
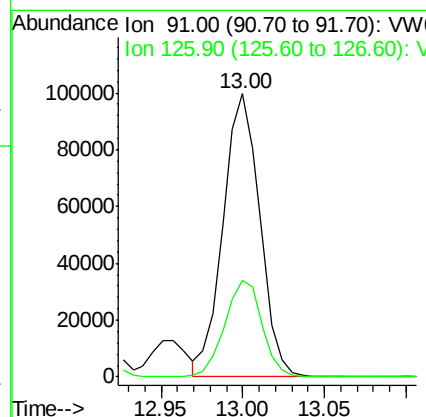
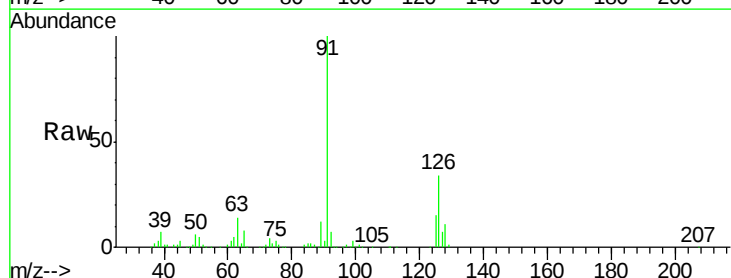
Acq: 10 May 2018 00:05

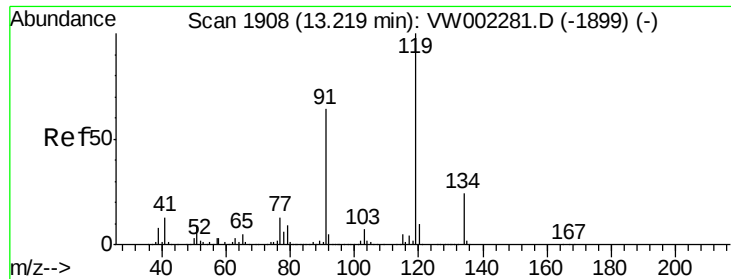
Tgt Ion: 91 Resp: 156272

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.3

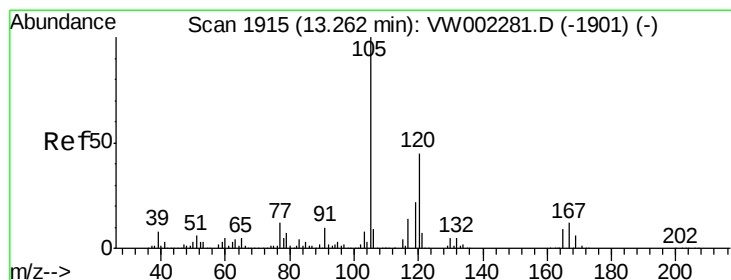
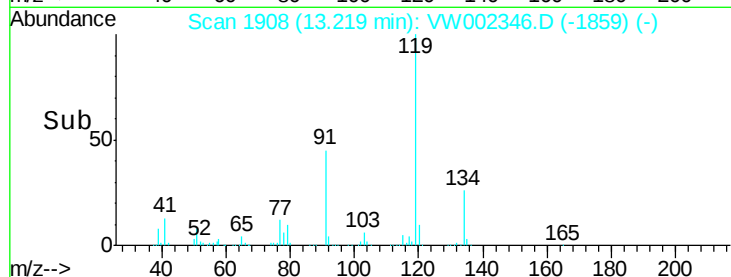
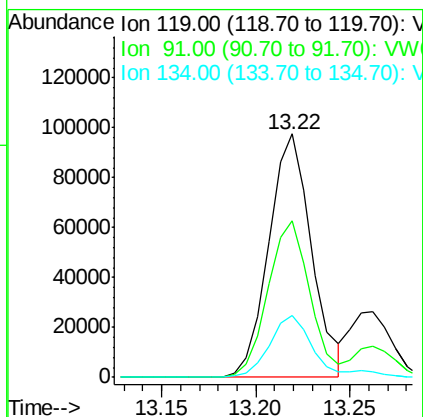
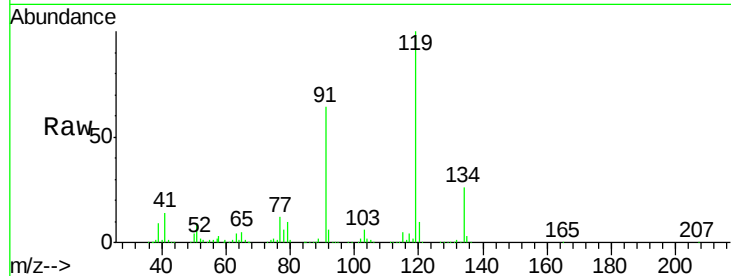




#83
tert-Butylbenzene
Concen: 19.87 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

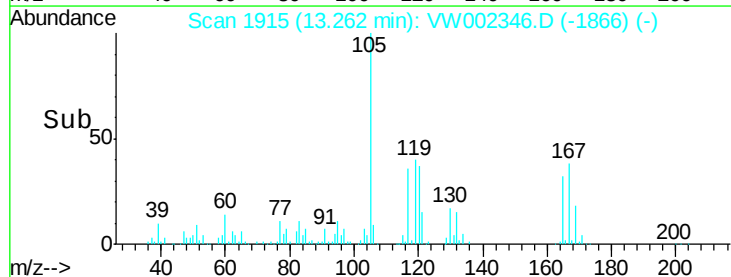
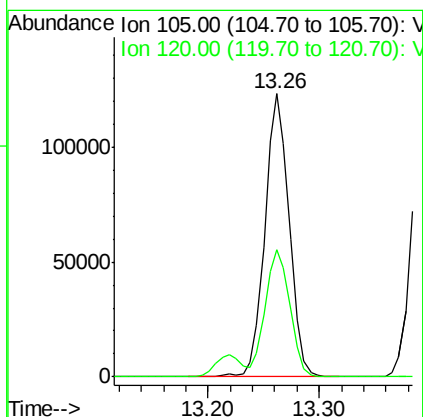
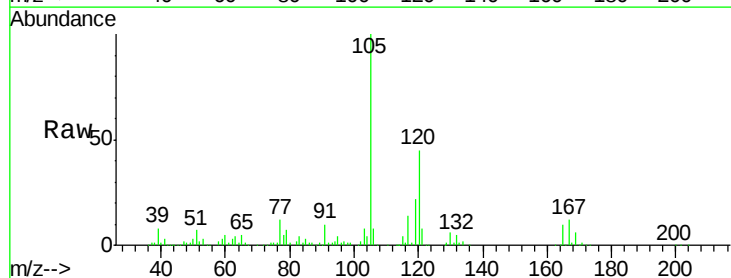
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

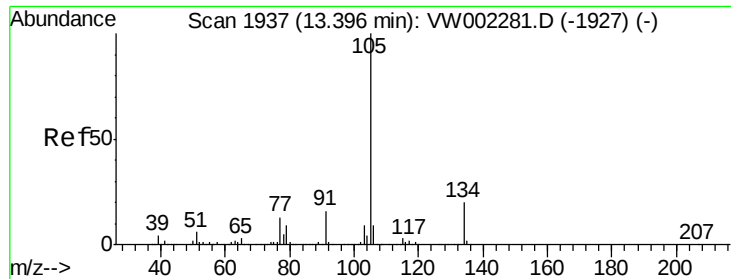
Tgt Ion:119 Resp: 153905
Ion Ratio Lower Upper
119 100
91 63.0 31.6 94.8
134 26.7 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 20.07 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion:105 Resp: 187237
Ion Ratio Lower Upper
105 100
120 45.5 22.5 67.5

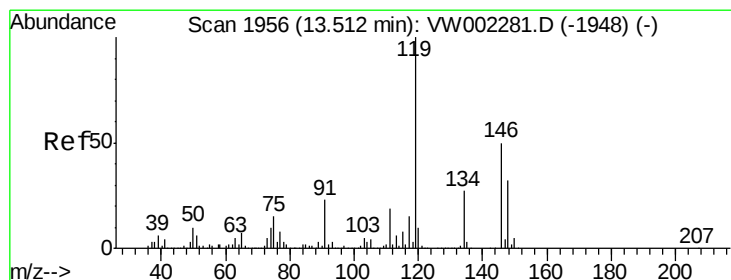
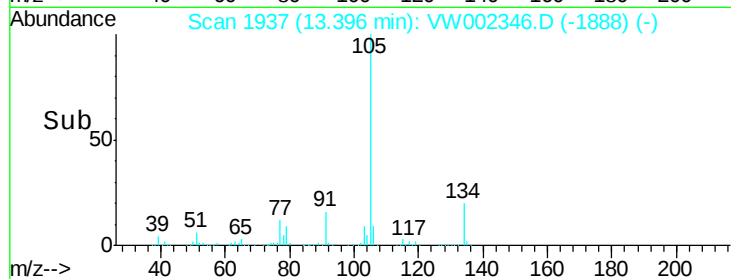
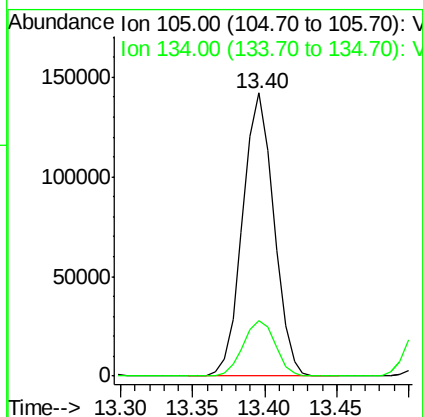
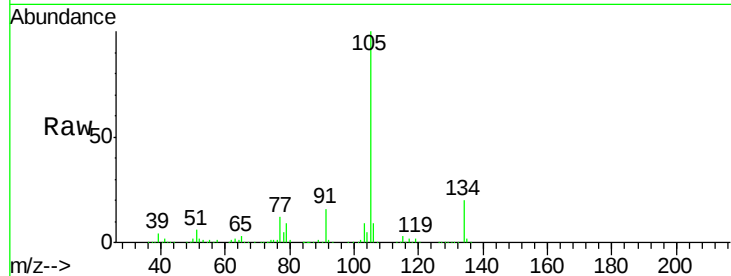




#85
 sec-Butylbenzene
 Concen: 19.33 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

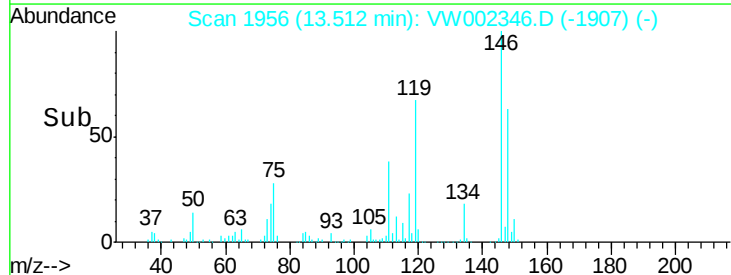
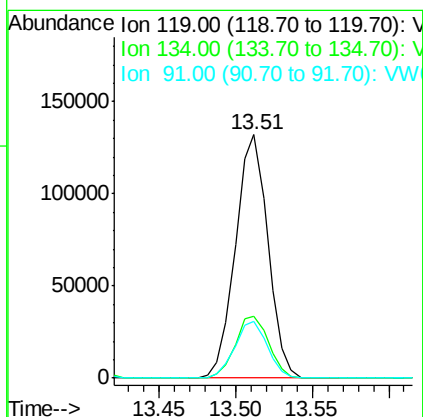
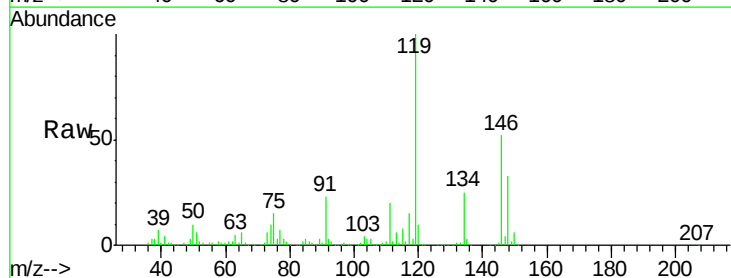
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

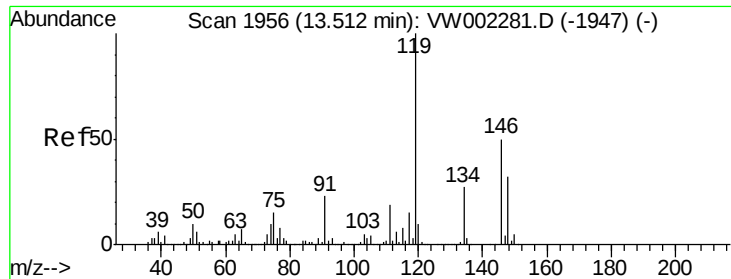
Tgt Ion:105 Resp: 213805
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.58 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion:119 Resp: 193621
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 23.7 11.8 35.3

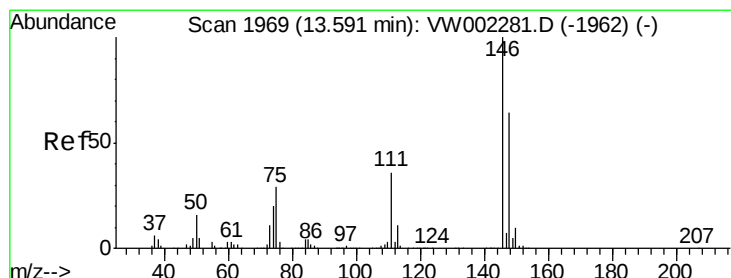
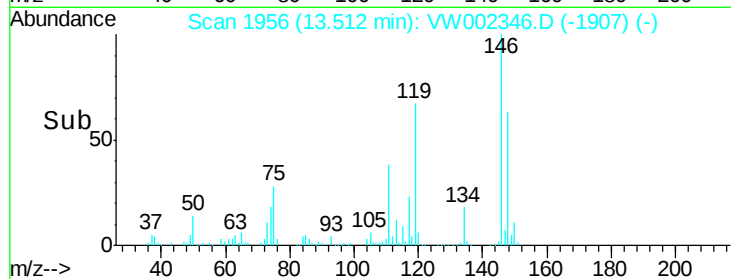
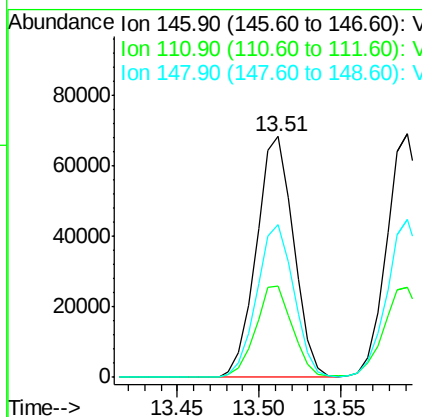
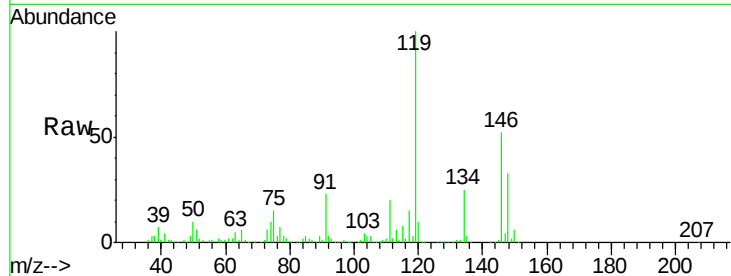




#87
 1,3-Dichlorobenzene
 Concen: 20.37 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

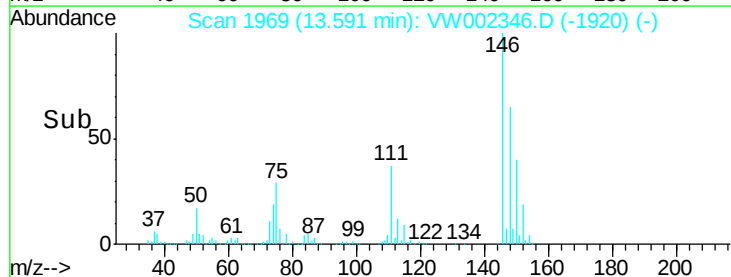
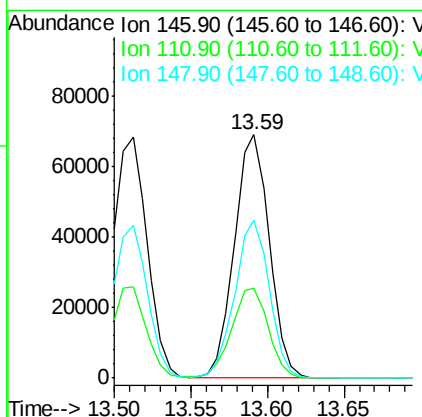
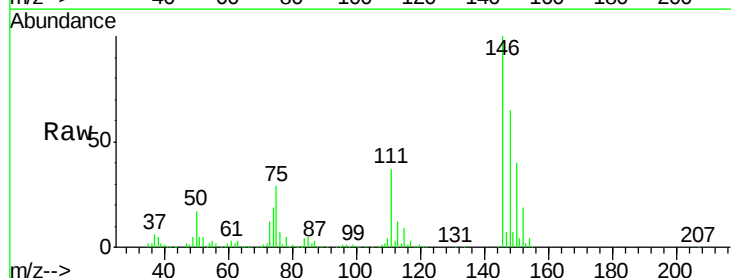
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

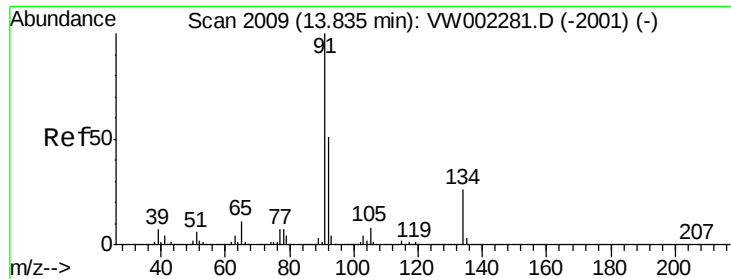
Tgt Ion:146 Resp: 108711
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.3 57.8
 148 63.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.52 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion:146 Resp: 109323
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 64.2 32.3 96.9

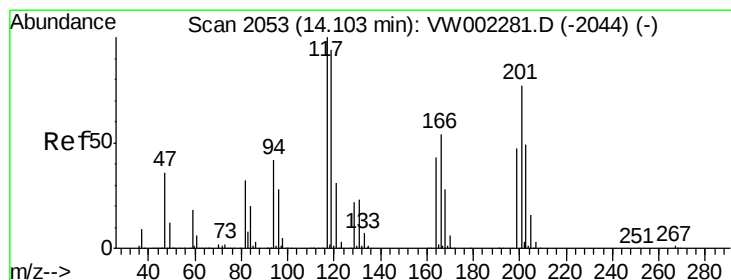
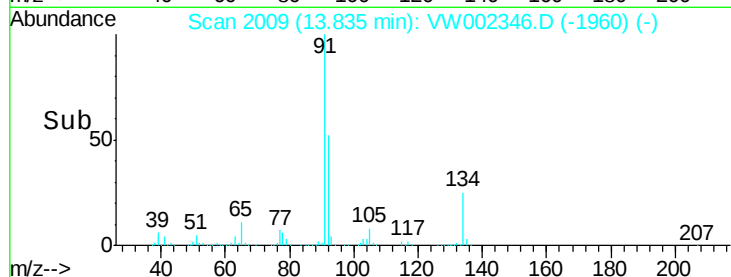
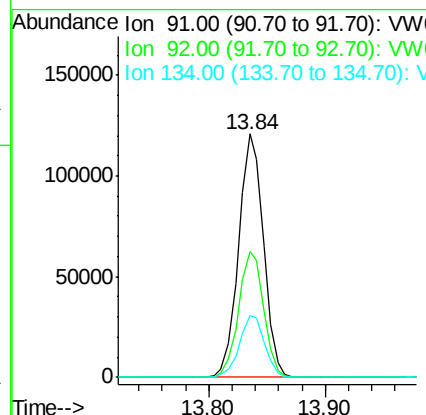
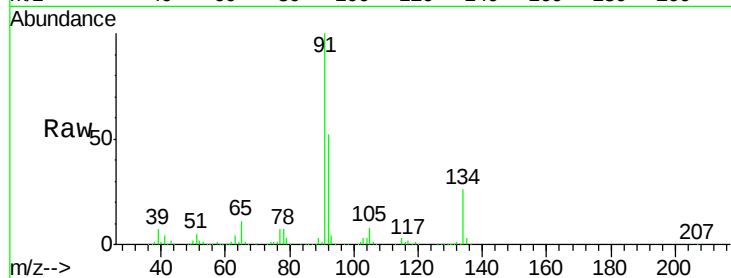




#89
n-Butylbenzene
Concen: 19.41 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

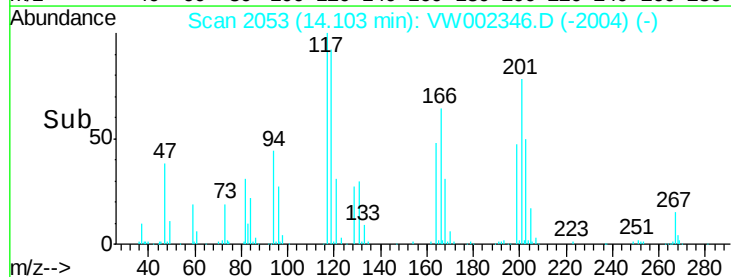
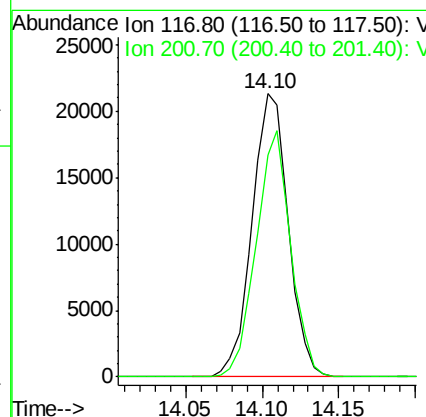
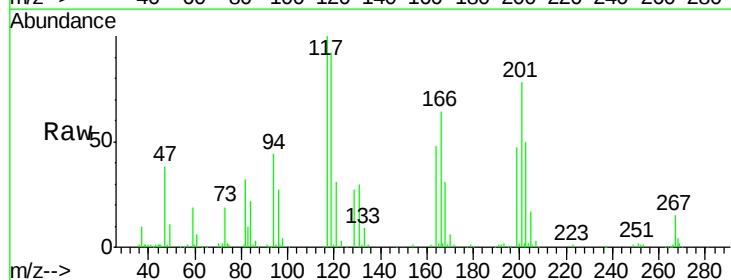
Instrument :
MSVOA_W
ClientSampleId :
VW0509SBS01

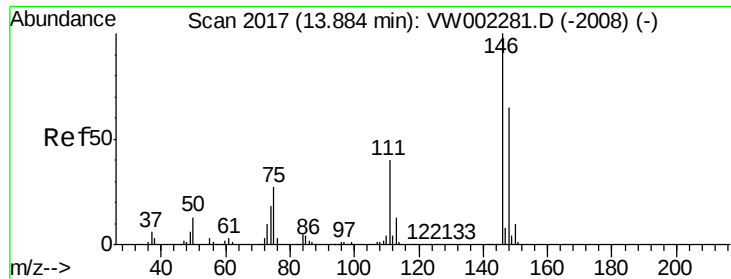
Tgt Ion: 91 Resp: 179610
Ion Ratio Lower Upper
91 100
92 52.0 25.9 77.8
134 25.7 13.1 39.1



#90
Hexachloroethane
Concen: 19.83 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW002346.D
Acq: 10 May 2018 00:05

Tgt Ion: 117 Resp: 35069
Ion Ratio Lower Upper
117 100
201 83.1 42.2 126.6

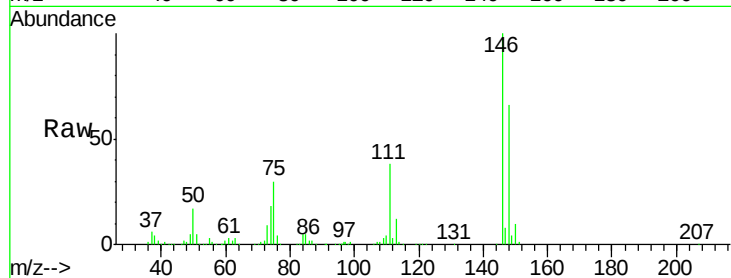




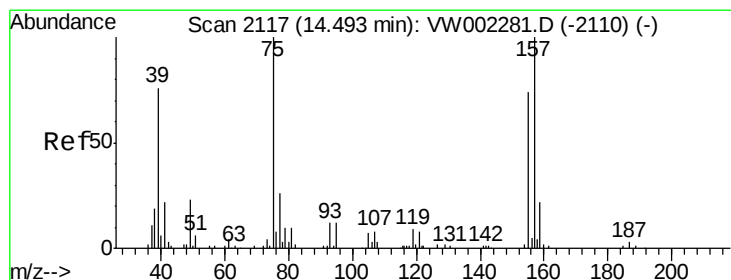
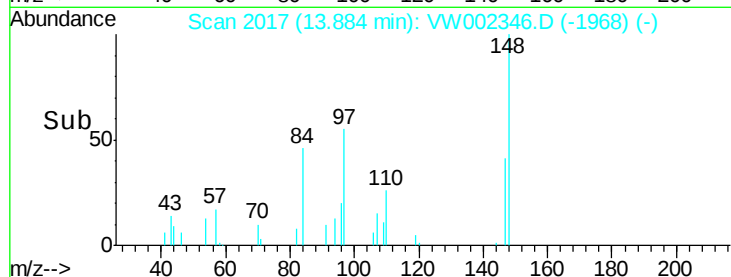
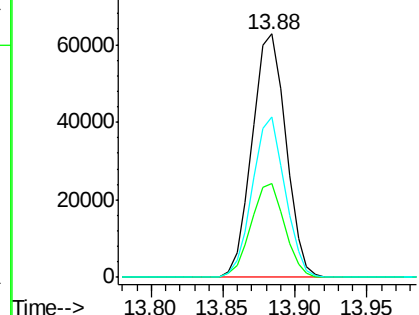
#91
 1,2-Dichlorobenzene
 Concen: 21.04 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Tgt Ion: 146 Resp: 101878
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.0 59.9
 148 63.5 32.5 97.5

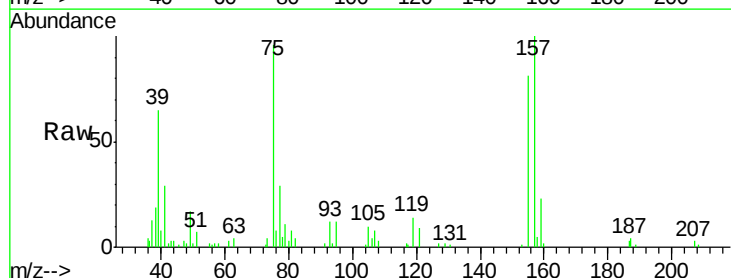


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

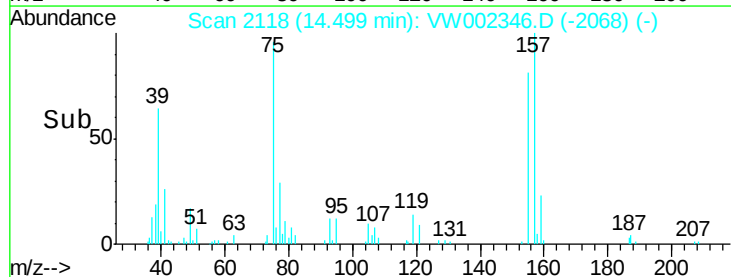
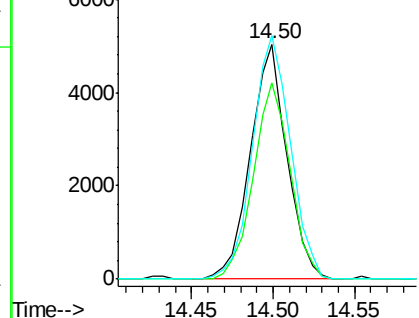


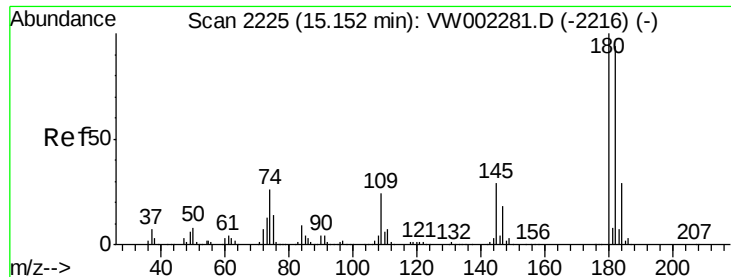
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.90 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion: 75 Resp: 7828
 Ion Ratio Lower Upper
 75 100
 155 83.8 43.3 129.8
 157 107.9 55.8 167.4



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

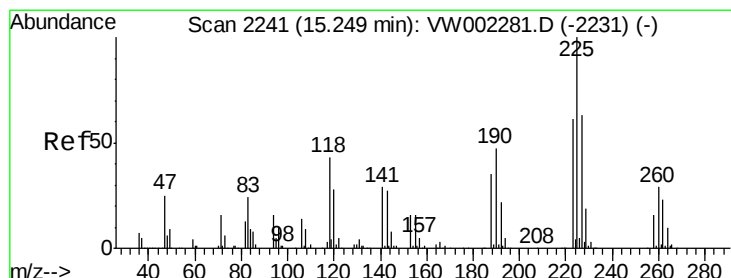
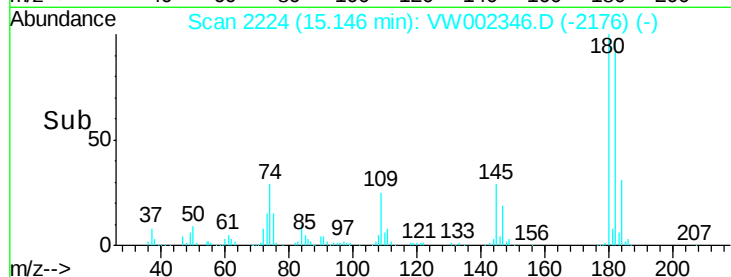
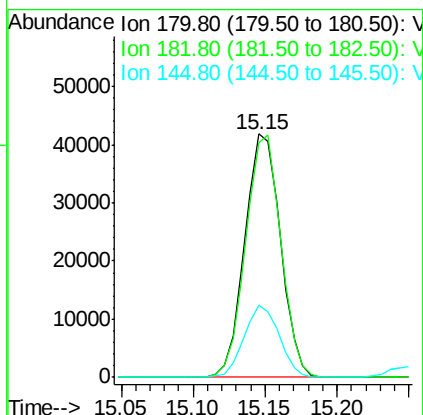
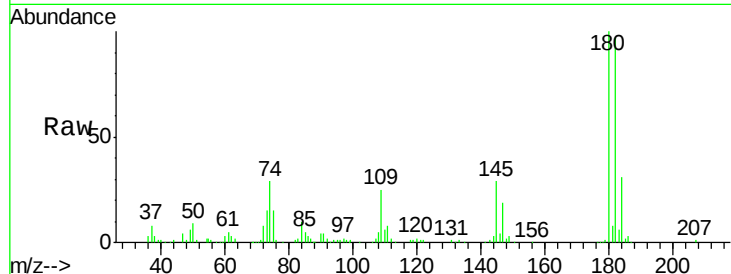




#93
 1,2,4-Trichlorobenzene
 Concen: 20.69 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

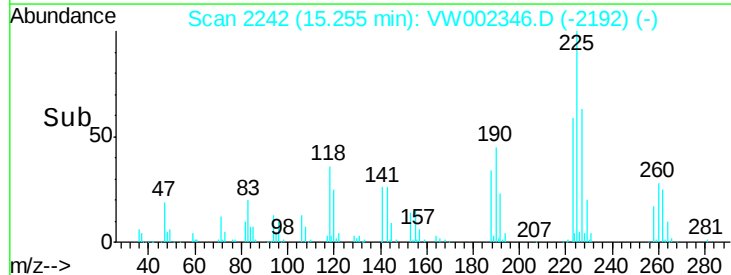
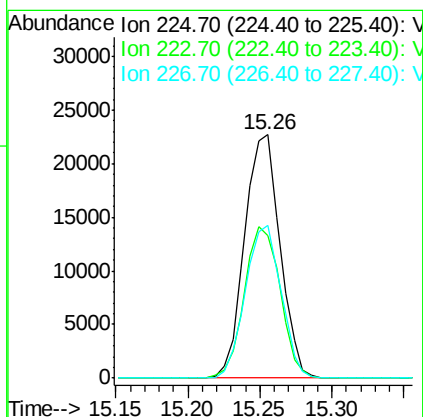
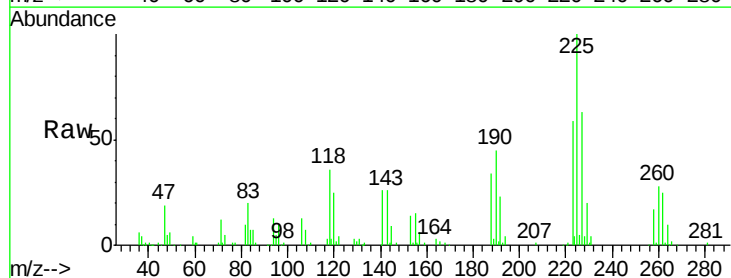
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

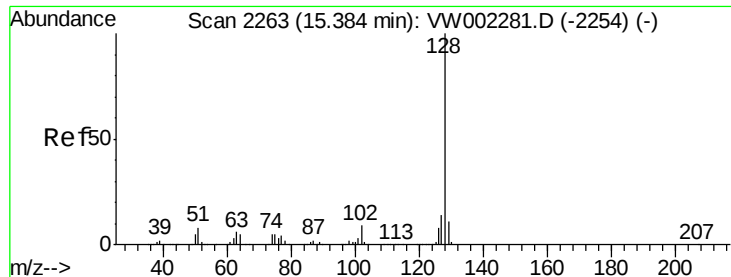
Tgt Ion:180 Resp: 71606
 Ion Ratio Lower Upper
 180 100
 182 98.0 47.3 141.8
 145 29.1 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 19.98 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW002346.D
 Acq: 10 May 2018 00:05

Tgt Ion:225 Resp: 38527
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.9 92.7
 227 63.4 32.0 96.0





#95

Naphthalene

Concen: 21.36 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBS01

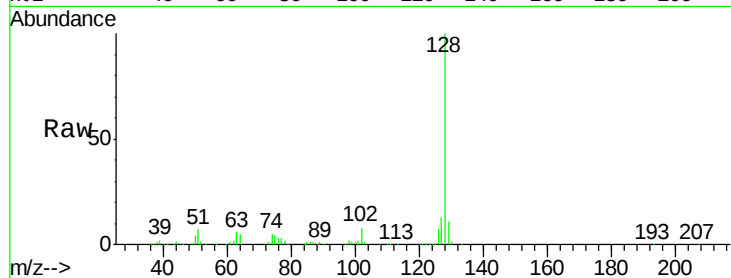
Tgt Ion:128 Resp: 135901

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

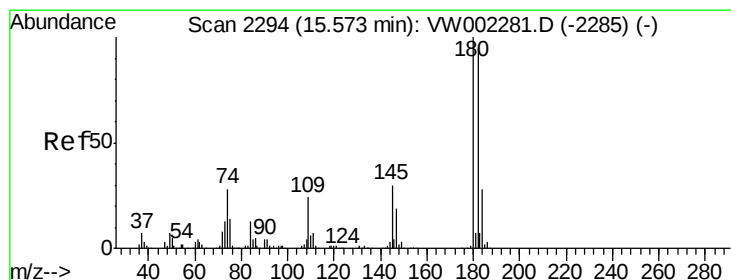
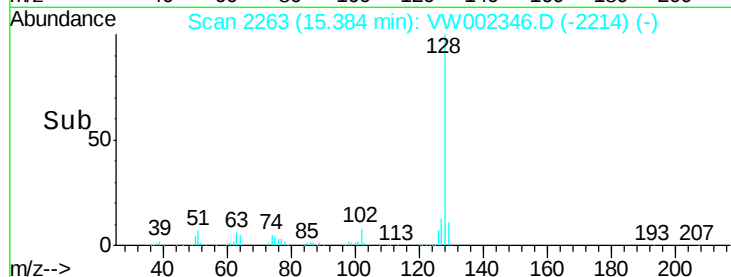
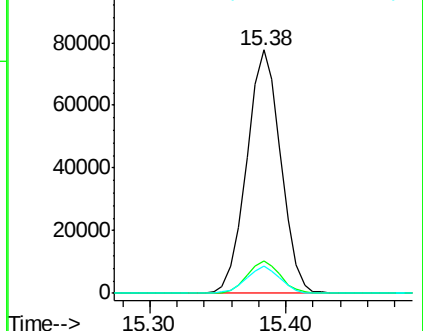
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.16 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002346.D

Acq: 10 May 2018 00:05

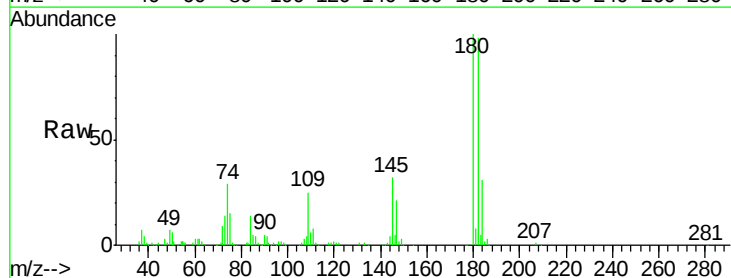
Tgt Ion:180 Resp: 65690

Ion Ratio Lower Upper

180 100

182 97.3 48.0 144.0

145 31.2 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

