

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003661.D
 Acq On : 29 Jun 2018 15:32
 Operator : SY/AP
 Sample : J2923-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:39:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	306430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117262	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
35) Dibromofluoromethane	7.88	113	102770	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	10.33	98	399638	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.63	95	143214	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	3792	6.481	ug/l	89
3) Chloromethane	2.20	50	9402	6.360	ug/l	98
4) Vinyl Chloride	2.36	62	13449	6.241	ug/l	99
5) Bromomethane	2.78	94	8118	5.668	ug/l	97
6) Chloroethane	2.93	64	7959	5.306	ug/l	96
7) Trichlorofluoromethane	3.25	101	8047	6.233	ug/l	90
8) Diethyl Ether	3.68	74	6164	6.499	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	10947	6.106	ug/l	98
10) Methyl Iodide	4.26	142	15825	5.837	ug/l	98
11) Tert butyl alcohol	5.23	59	3978	35.384	ug/l	99
12) 1,1-Dichloroethene	4.03	96	11063	6.315	ug/l	95
13) Acrolein	3.89	56	2918	18.154	ug/l	91
14) Allyl chloride	4.66	41	17920	5.905	ug/l	99
15) Acrylonitrile	5.39	53	11867	30.412	ug/l	99
16) Acetone	4.14	43	16658	37.889	ug/l #	89
17) Carbon Disulfide	4.37	76	33281	6.426	ug/l	97
18) Methyl Acetate	4.68	43	9725	9.324	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	18362	5.596	ug/l	99
20) Methylene Chloride	4.91	84	21083	8.222	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	11630	6.100	ug/l	89
22) Diisopropyl ether	6.32	45	31471	5.153	ug/l	93
23) Vinyl Acetate	6.26	43	78840	22.400	ug/l	98
24) 1,1-Dichloroethane	6.21	63	22097	6.094	ug/l	99
25) 2-Butanone	7.18	43	17221	31.500	ug/l	98
26) 2,2-Dichloropropane	7.17	77	15464	6.391	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	11538	5.509	ug/l	89
28) Bromochloromethane	7.51	49	9121	6.045	ug/l	97
29) Tetrahydrofuran	7.54	42	9346	27.972	ug/l	99
30) Chloroform	7.68	83	22057	5.971	ug/l	98
31) Cyclohexane	7.95	56	22544	6.655	ug/l #	87
32) 1,1,1-Trichloroethane	7.88	97	17799	5.838	ug/l	96
36) 1,1-Dichloropropene	8.08	75	17289	5.842	ug/l	98
37) Ethyl Acetate	7.26	43	7721	6.298	ug/l	99
38) Carbon Tetrachloride	8.07	117	16544	5.699	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	18379	5.367	ug/l	92
40) Benzene	8.32	78	49282	6.042	ug/l	98
41) Methacrylonitrile	7.49	41	4190	5.569	ug/l	97
42) 1,2-Dichloroethane	8.40	62	15398	6.025	ug/l	97
43) Isopropyl Acetate	8.43	43	13363	5.489	ug/l	94
44) Trichloroethene	9.09	130	12875	5.957	ug/l	92
45) 1,2-Dichloropropane	9.38	63	12398	5.969	ug/l	93
46) Dibromomethane	9.46	93	6290	5.915	ug/l	99
47) Bromodichloromethane	9.65	83	15773	5.787	ug/l	96
48) Methyl methacrylate	9.45	41	5994	5.239	ug/l	97
49) 1,4-Dioxane	9.48	88	1775	110.556	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	34363	27.703	ug/l	97
52) Toluene	10.39	92	31313	5.986	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	14815	5.321	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	16956	5.351	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	8368	5.585	ug/l	97
56) Ethyl methacrylate	10.65	69	9109	5.006	ug/l	96
57) 1,3-Dichloropropane	10.94	76	15259	5.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	21121	25.894	ug/l	98
59) 2-Hexanone	10.98	43	23188	26.759	ug/l	98
60) Dibromochloromethane	11.13	129	9607	5.391	ug/l	97
61) 1,2-Dibromoethane	11.24	107	7811	5.511	ug/l	97
64) Tetrachloroethene	10.87	164	11422	5.949	ug/l	98
65) Chlorobenzene	11.66	112	33824	5.658	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	11463	5.456	ug/l	97
67) Ethyl Benzene	11.74	91	54597	5.152	ug/l	96
68) m/p-Xylenes	11.85	106	41029	10.185	ug/l	98
69) o-Xylene	12.17	106	18229	4.883	ug/l	99
70) Styrene	12.19	104	29118	4.686	ug/l	97
71) Bromoform	12.35	173	5340	4.905	ug/l #	97
73) Isopropylbenzene	12.47	105	49623	4.733	ug/l	98
74) N-amyl acetate	12.28	43	11756	4.927	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	10493	5.916	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	13463	10.448	ug/l #	100
77) Bromobenzene	12.75	156	13239	5.422	ug/l	96
78) n-propylbenzene	12.81	91	67853	5.286	ug/l	99
79) 2-Chlorotoluene	12.90	91	37856	5.218	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	44582	5.066	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2792	4.986	ug/l	92
82) 4-Chlorotoluene	12.99	91	40932	5.319	ug/l	100
83) tert-Butylbenzene	13.21	119	35875	4.784	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	45212	4.995	ug/l	99
85) sec-Butylbenzene	13.39	105	54944	4.929	ug/l	99
86) p-Isopropyltoluene	13.51	119	47899	4.872	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	27159	5.415	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	28393	5.694	ug/l	94
89) n-Butylbenzene	13.83	91	48291	5.039	ug/l	98
90) Hexachloroethane	14.10	117	10052	5.652	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	24468	5.569	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1822	6.104	ug/l	92

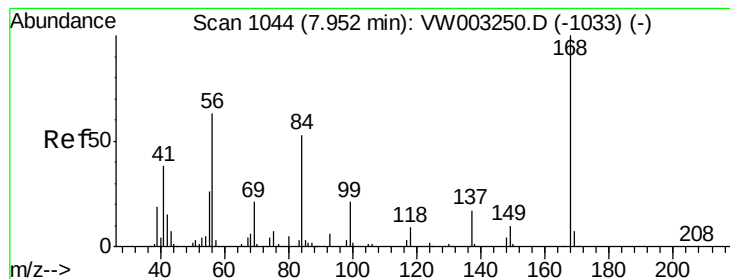
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	16357	5.303	ug/l	98
94) Hexachlorobutadiene	15.25	225	10167	5.480	ug/l	98
95) Naphthalene	15.38	128	23752	4.540	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	13989	5.153	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

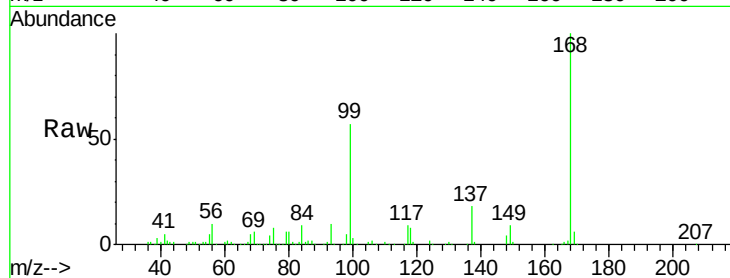
ClientSampleId :

Tot Ion:168 Resp: 193533

Ion Ratio Lower Upper

168 100

99 56.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

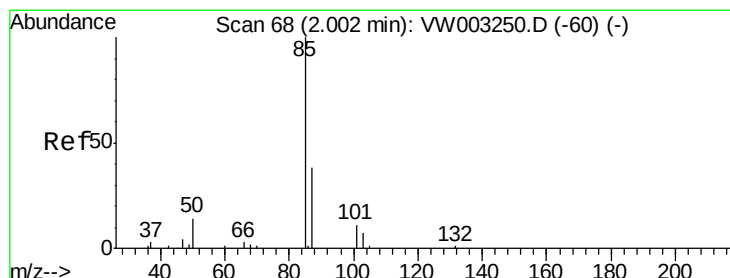
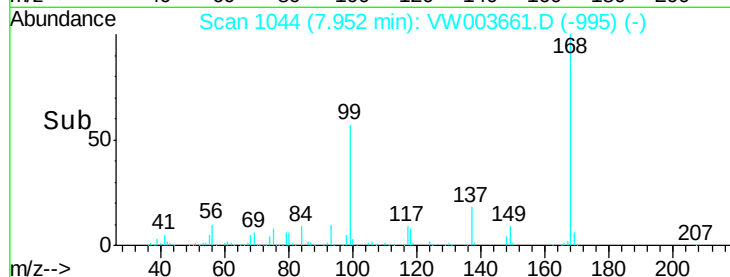
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 6.481 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003661.D

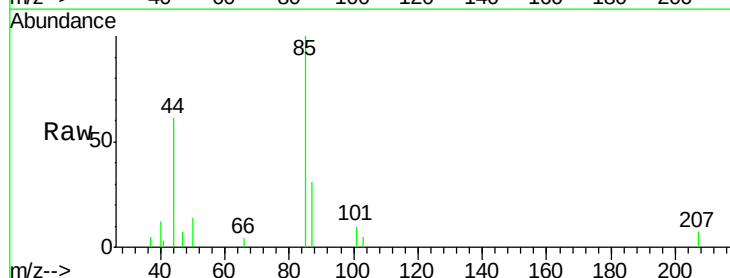
Acq: 29 Jun 2018 15:32

Tgt Ion: 85 Resp: 3792

Ion Ratio Lower Upper

85 100

87 30.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

2000

1500

1000

500

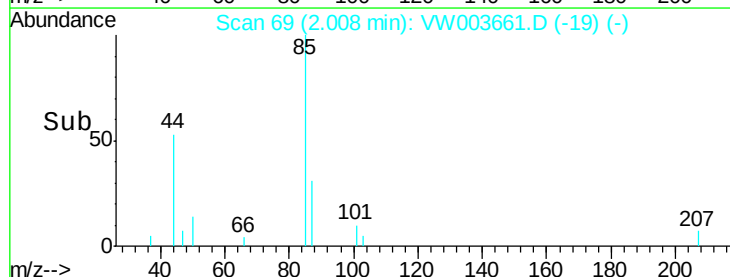
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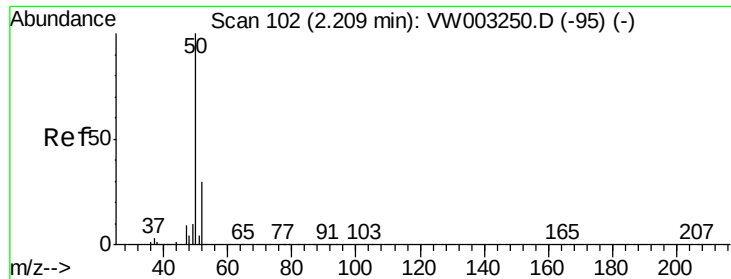
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 6.360 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

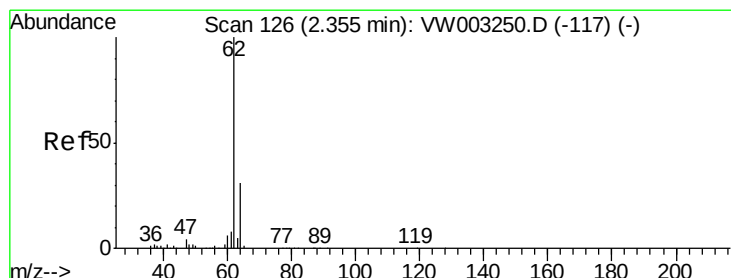
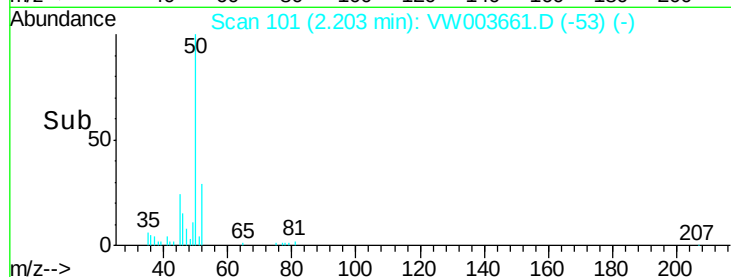
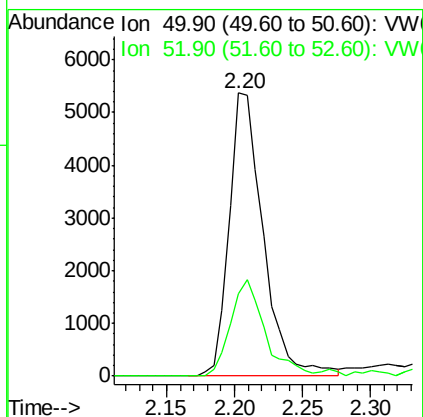
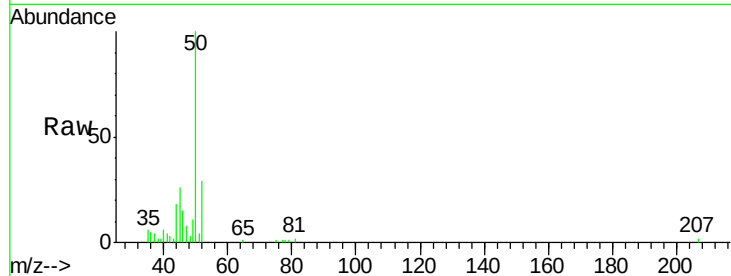
ClientSampled :

Tot Ion: 50 Resp: 9402

Ion Ratio Lower Upper

50 100

52 29.2 24.2 36.2



#4

Vinyl Chloride

Concen: 6.241 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003661.D

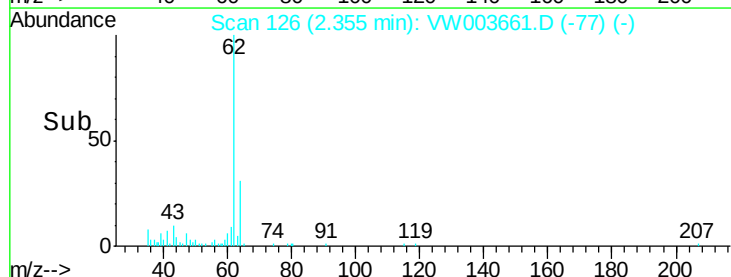
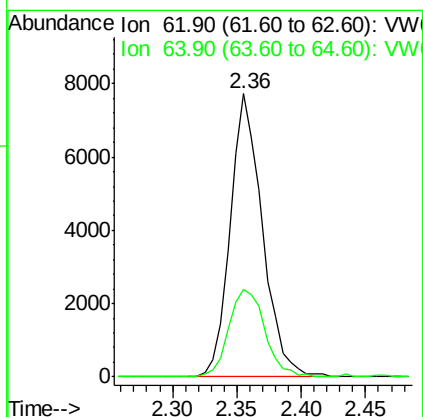
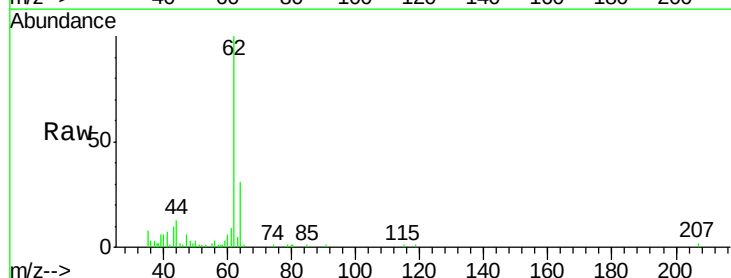
Acq: 29 Jun 2018 15:32

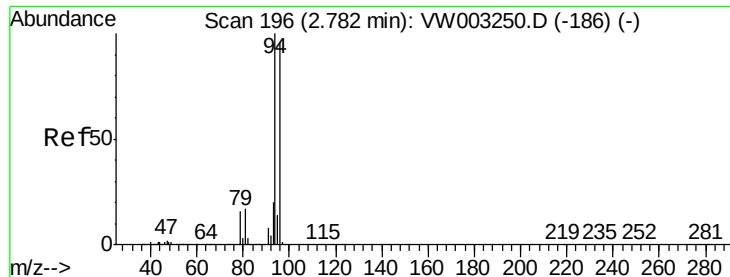
Tgt Ion: 62 Resp: 13449

Ion Ratio Lower Upper

62 100

64 30.7 24.9 37.3





#5

Bromomethane

Concen: 5.668 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

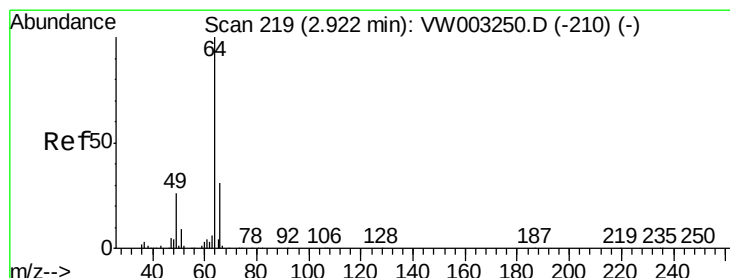
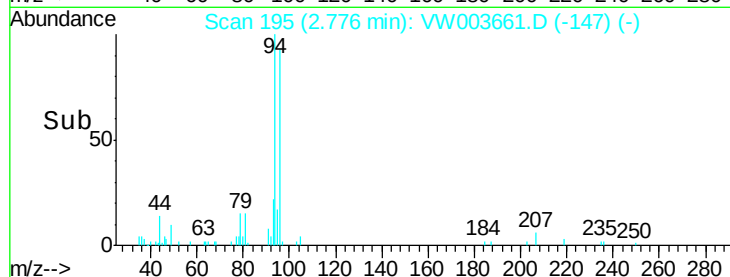
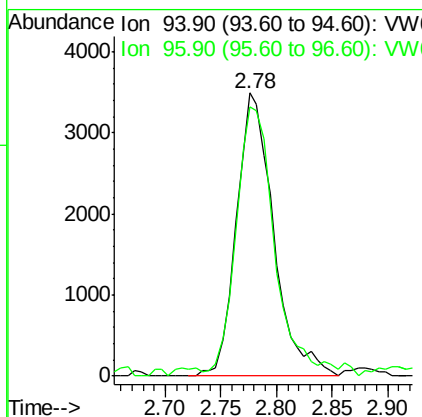
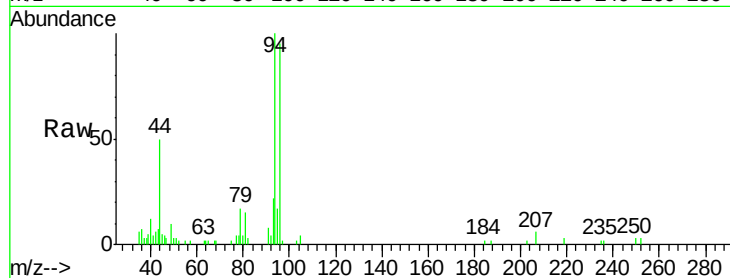
ClientSampled :

Tot Ion: 94 Resp: 8118

Ion Ratio Lower Upper

94 100

96 92.8 76.5 114.7



#6

Chloroethane

Concen: 5.306 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003661.D

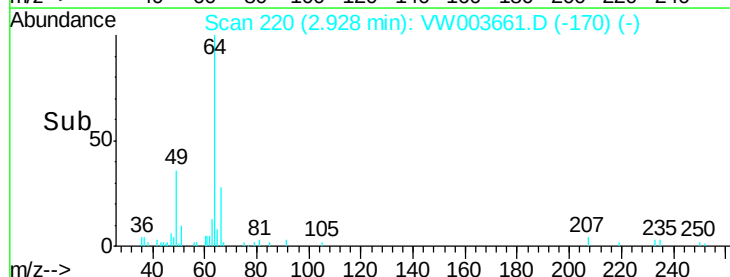
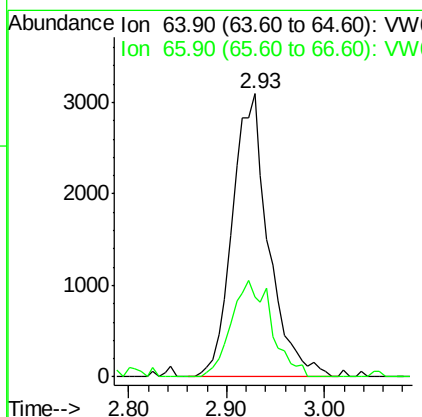
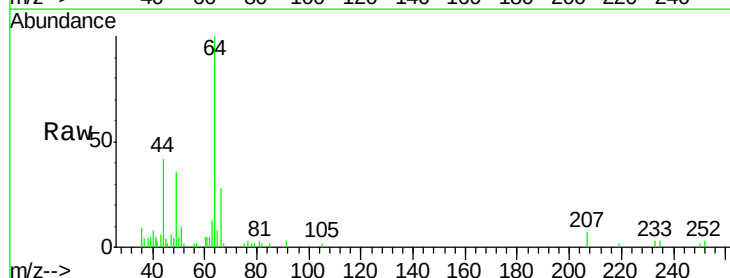
Acq: 29 Jun 2018 15:32

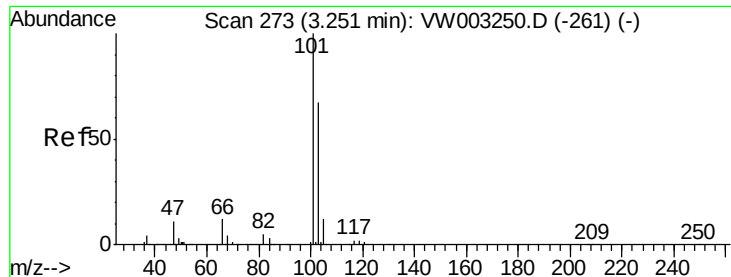
Tgt Ion: 64 Resp: 7959

Ion Ratio Lower Upper

64 100

66 28.1 24.4 36.6



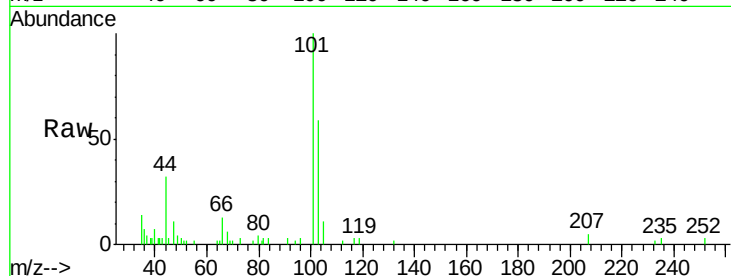


#7

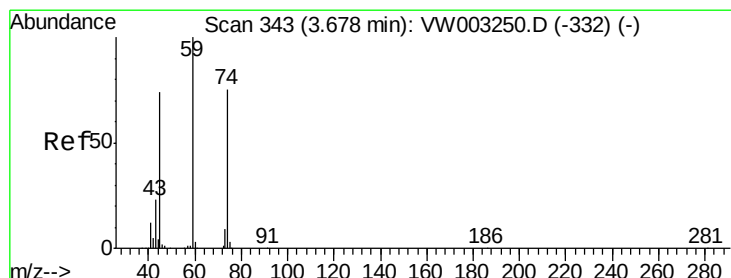
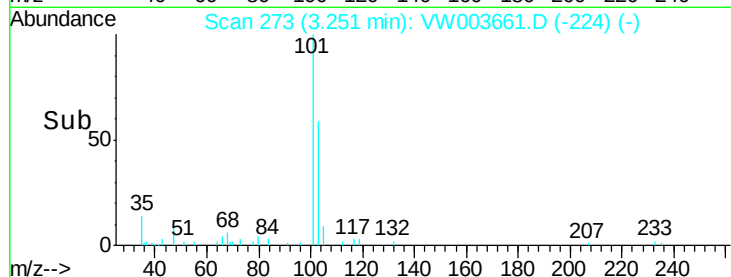
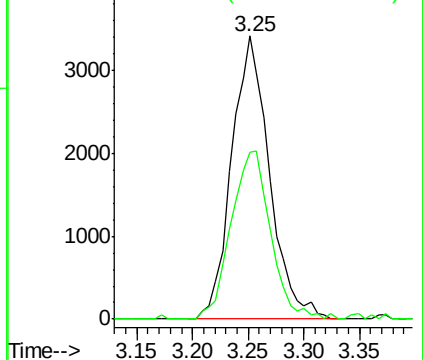
Trichlorofluoromethane
 Concen: 6.233 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:101 Resp: 8047
 Ion Ratio Lower Upper
 101 100
 103 59.0 53.4 80.0



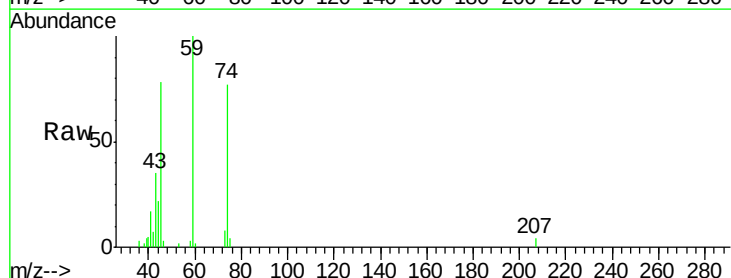
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



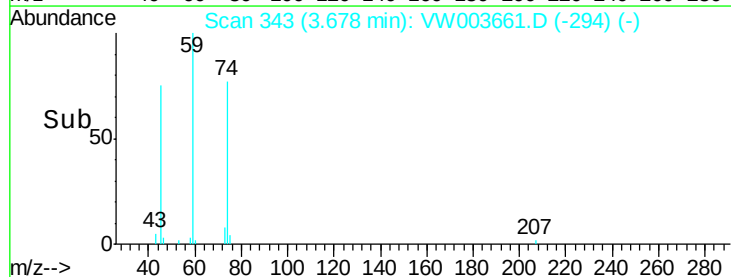
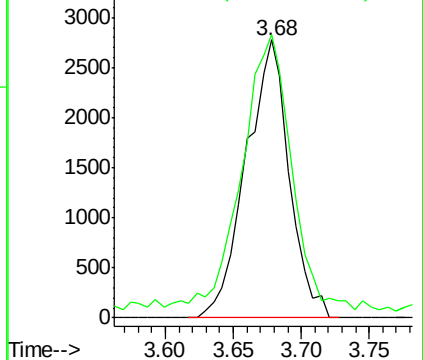
#8

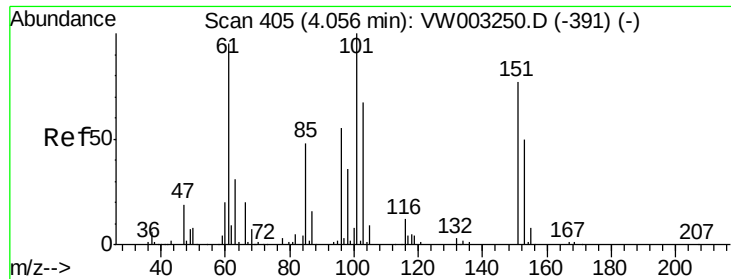
Diethyl Ether
 Concen: 6.499 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion: 74 Resp: 6164
 Ion Ratio Lower Upper
 74 100
 45 112.1 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.106 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003661.D

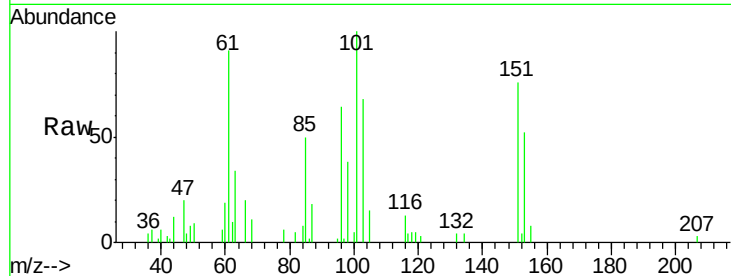
Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

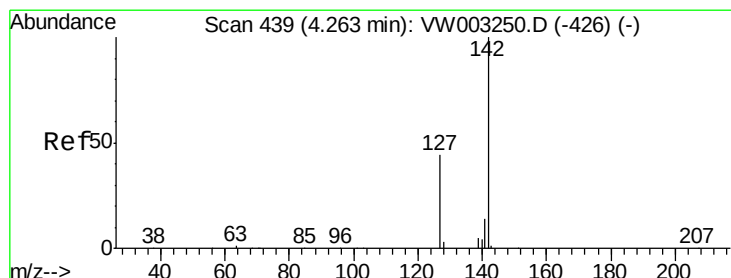
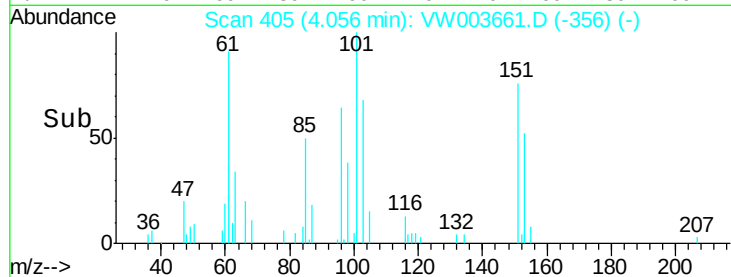
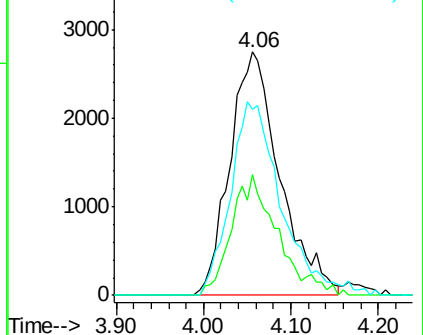
Tot Ion:	101	Resp:	10947
Ion	Ratio	Lower	Upper
101	100		
85	45.7	37.0	55.6
151	81.0	63.3	94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.837 ug/l

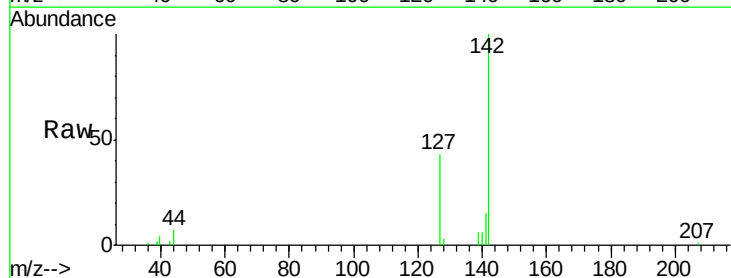
RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

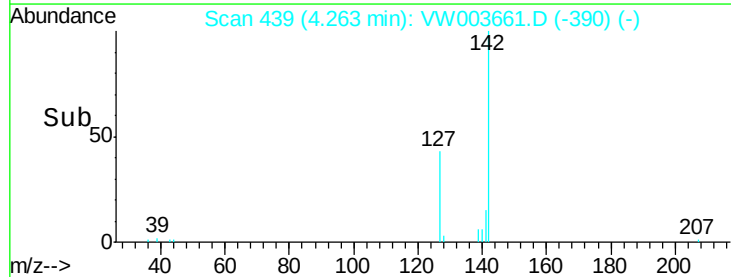
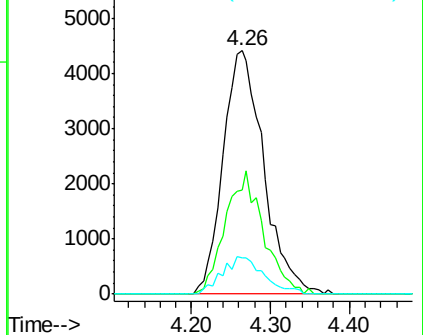
Tgt Ion:	142	Resp:	15825
Ion	Ratio	Lower	Upper
142	100		
127	47.3	36.5	54.7
141	15.7	12.1	18.1

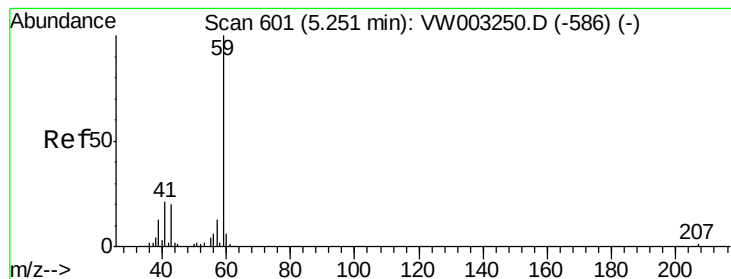


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



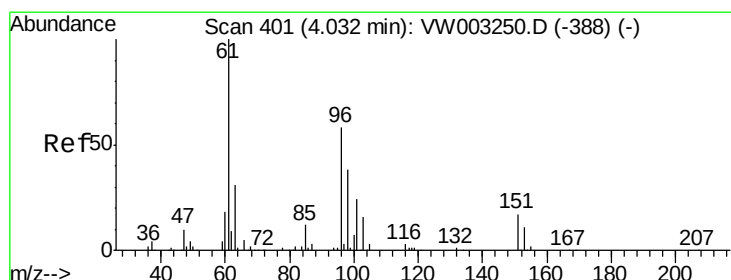
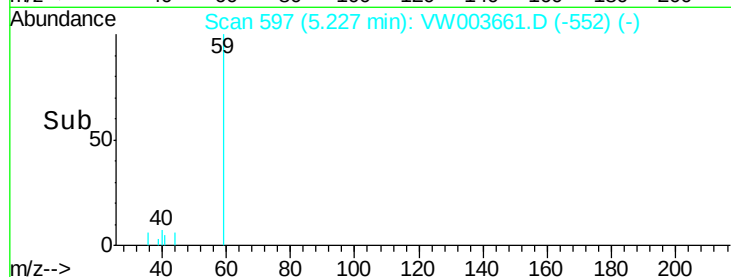
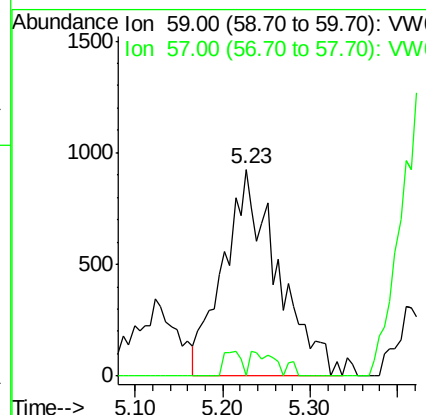
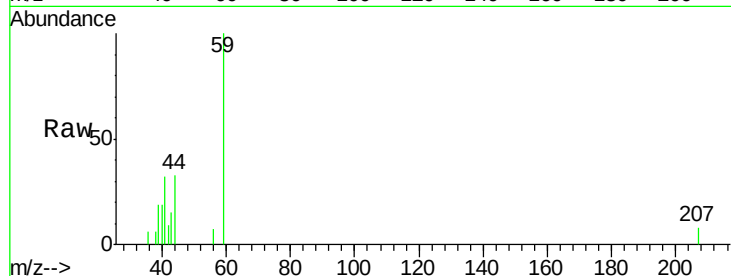


#11

Tert butyl alcohol
Concen: 35.384 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampled :

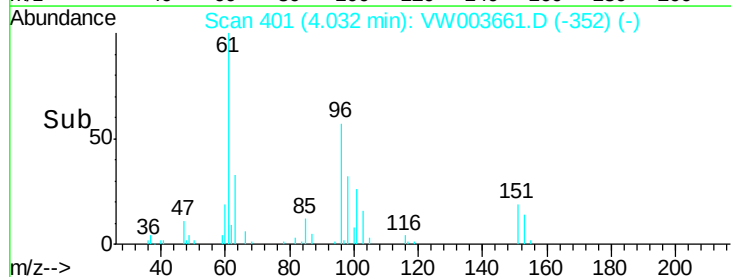
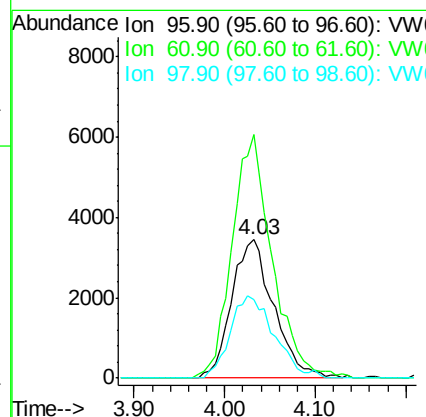
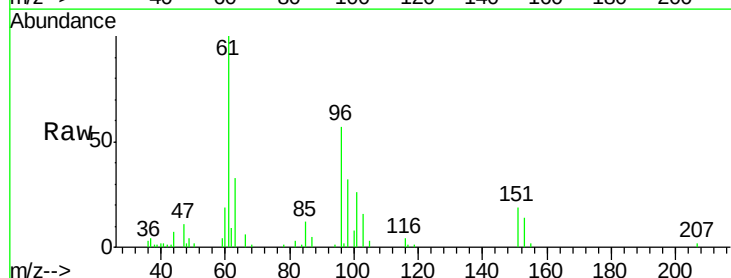
Tot Ion: 59 Resp: 3978
Ion Ratio Lower Upper
59 100
57 4.9 4.2 6.2

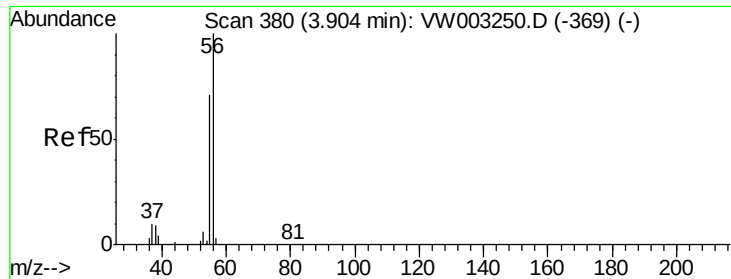


#12

1,1-Dichloroethene
Concen: 6.315 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 96 Resp: 11063
Ion Ratio Lower Upper
96 100
61 176.3 139.0 208.4
98 57.1 53.3 79.9





#13

Acrolein

Concen: 18.154 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.02 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

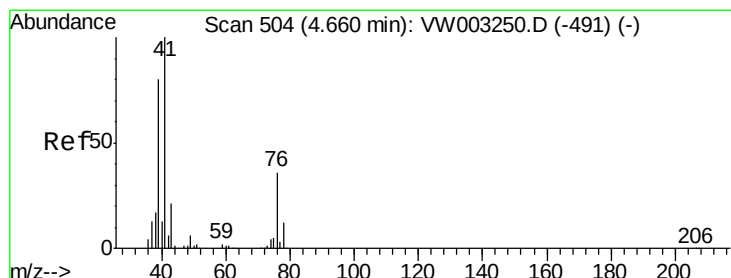
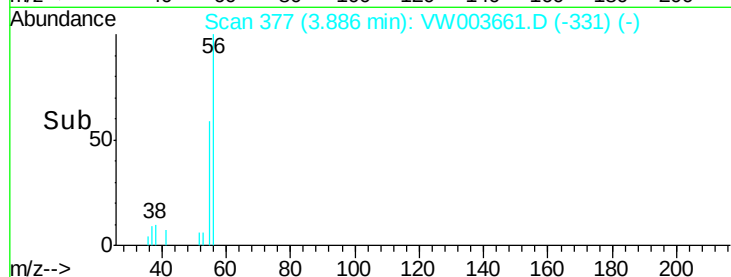
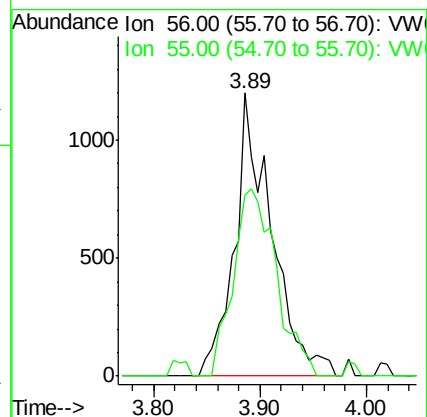
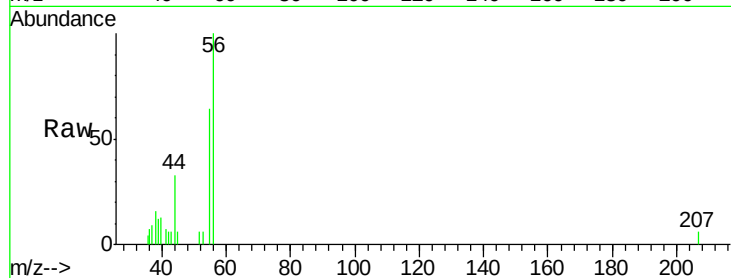
ClientSampled :

Tot Ion: 56 Resp: 2918

Ion Ratio Lower Upper

56 100

55 77.0 55.4 83.2



#14

Allyl chloride

Concen: 5.905 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

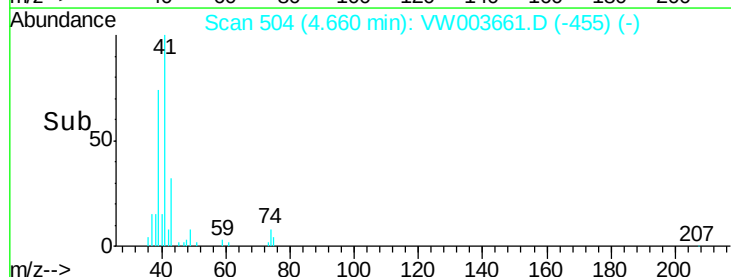
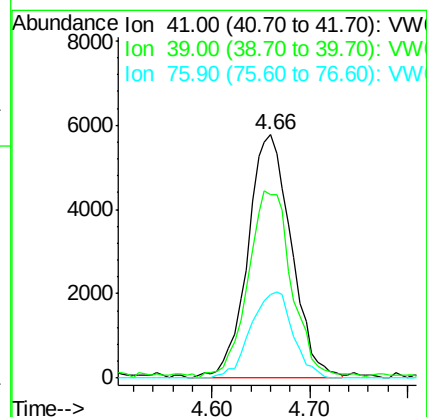
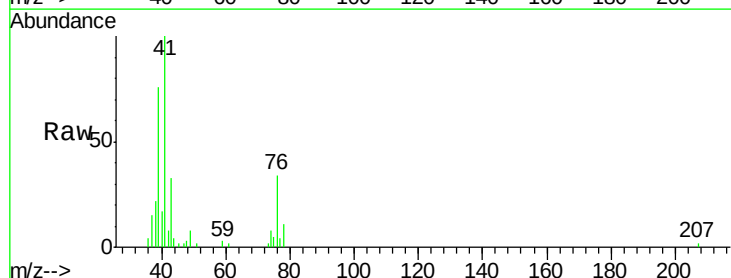
Tgt Ion: 41 Resp: 17920

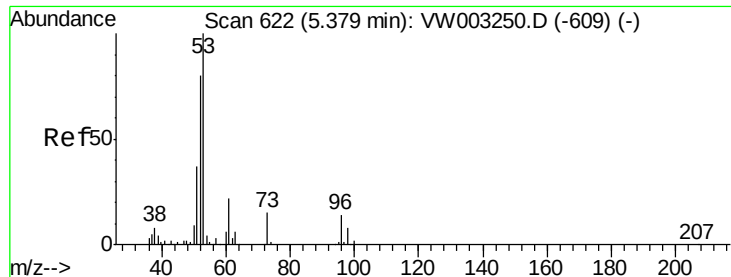
Ion Ratio Lower Upper

41 100

39 78.1 63.2 94.8

76 34.4 28.0 42.0





#15

Acrylonitrile

Concen: 30.412 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

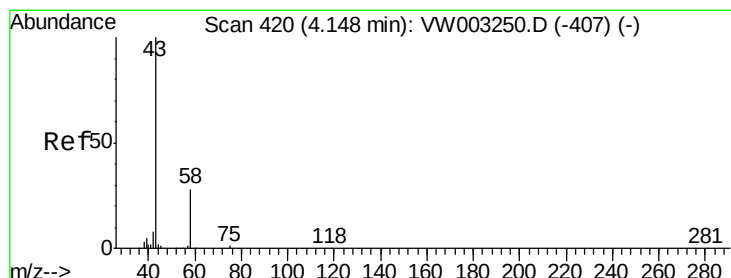
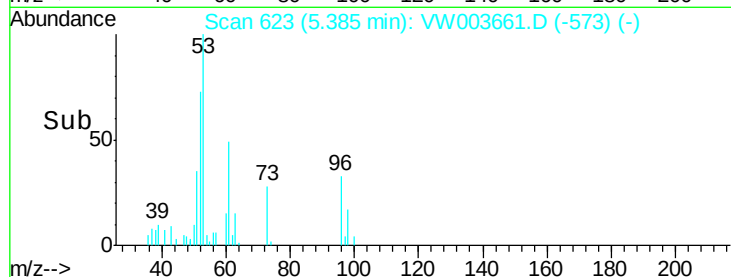
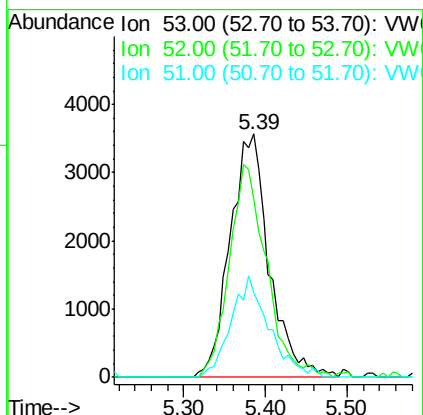
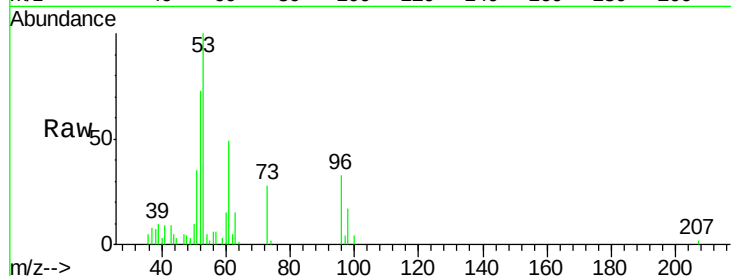
Tot Ion: 53 Resp: 11867

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

51 40.4 30.6 46.0



#16

Acetone

Concen: 37.889 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003661.D

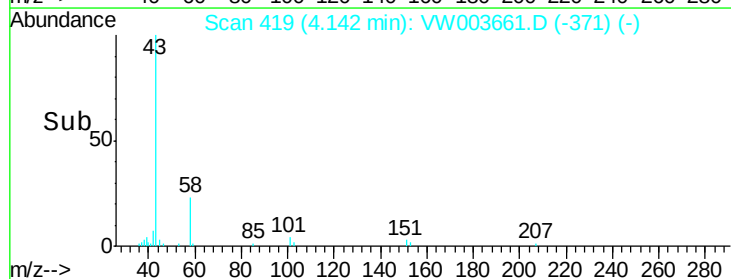
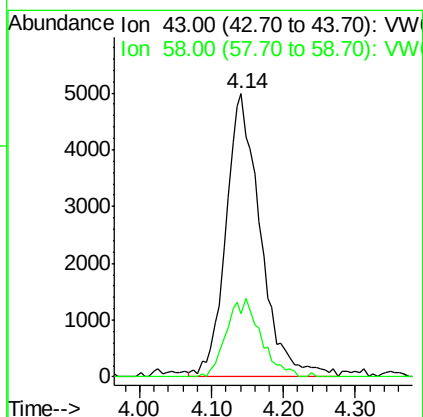
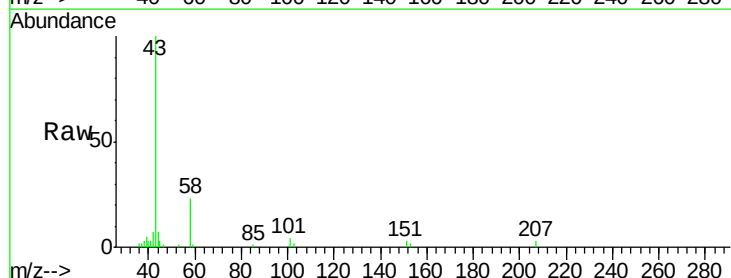
Acq: 29 Jun 2018 15:32

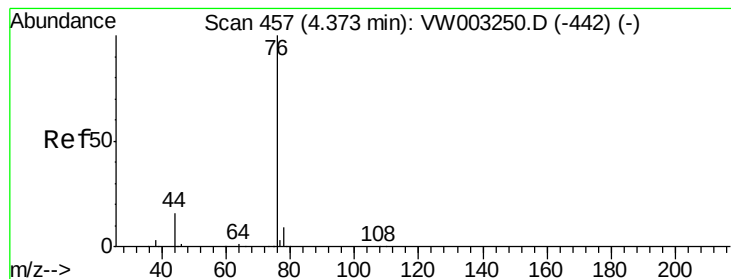
Tgt Ion: 43 Resp: 16658

Ion Ratio Lower Upper

43 100

58 22.5 22.6 34.0#





#17

Carbon Disulfide

Concen: 6.426 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

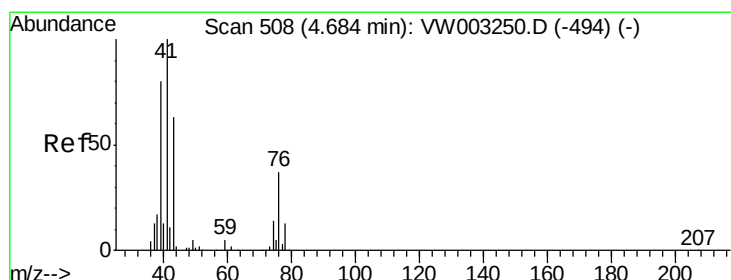
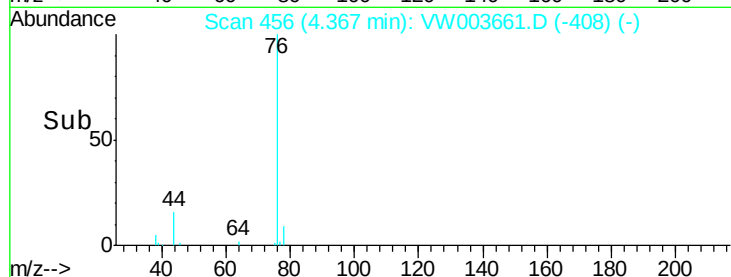
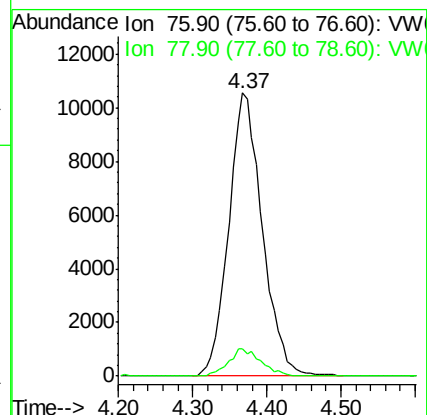
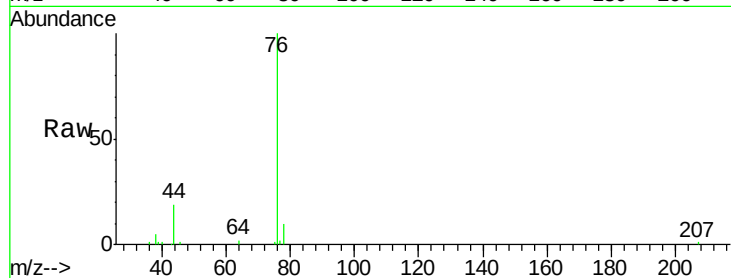
ClientSampled :

Tot Ion: 76 Resp: 33281

Ion Ratio Lower Upper

76 100

78 9.9 7.1 10.7



#18

Methyl Acetate

Concen: 9.324 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003661.D

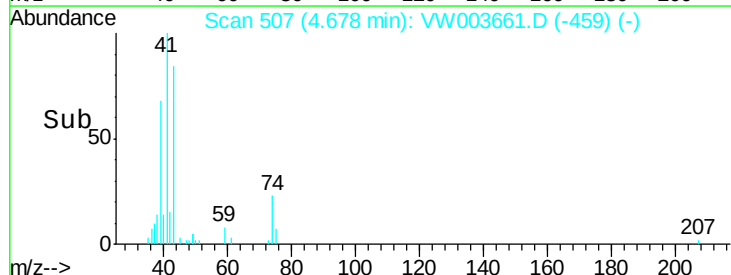
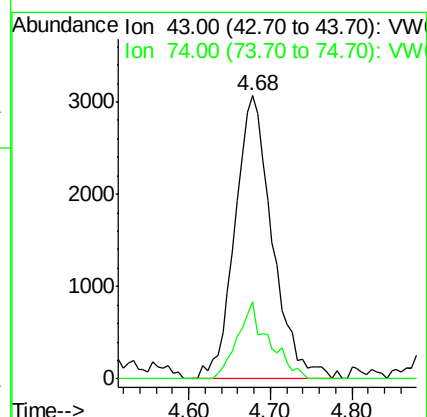
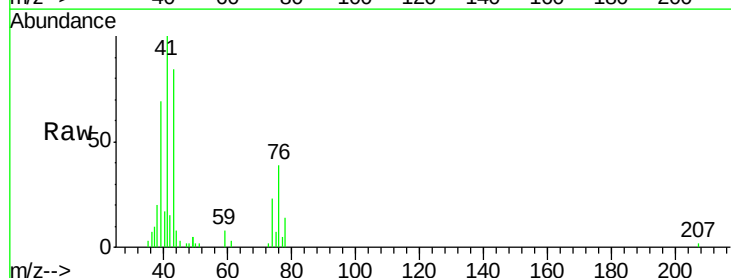
Acq: 29 Jun 2018 15:32

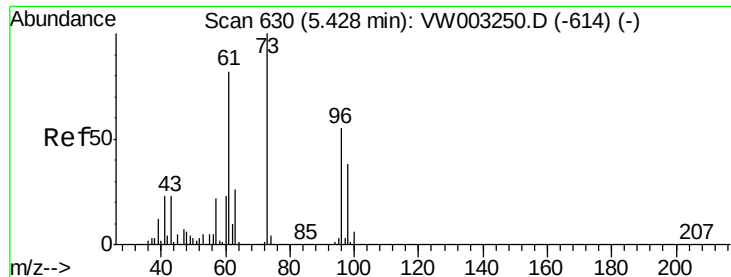
Tgt Ion: 43 Resp: 9725

Ion Ratio Lower Upper

43 100

74 22.8 18.7 28.1

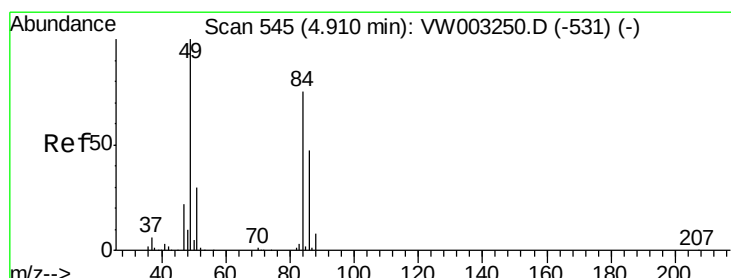
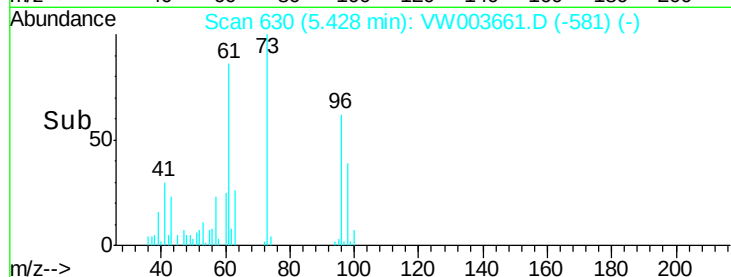
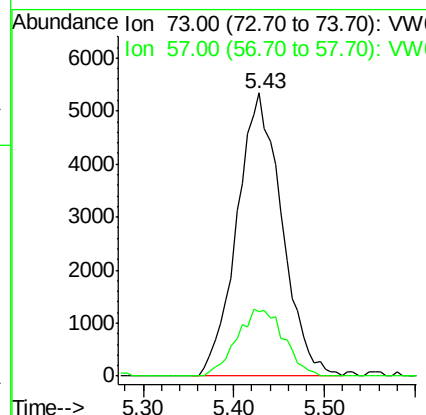
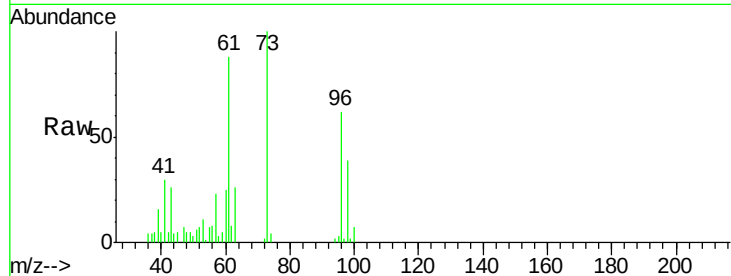




#19
Methyl tert-butyl Ether
Concen: 5.596 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

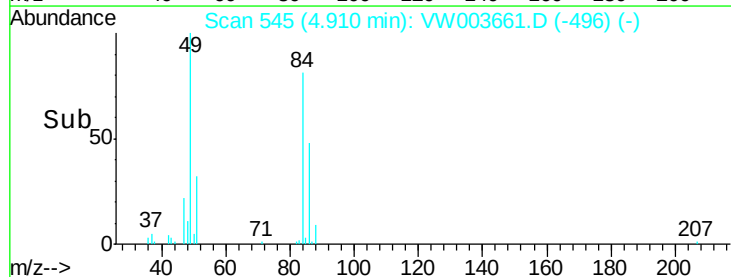
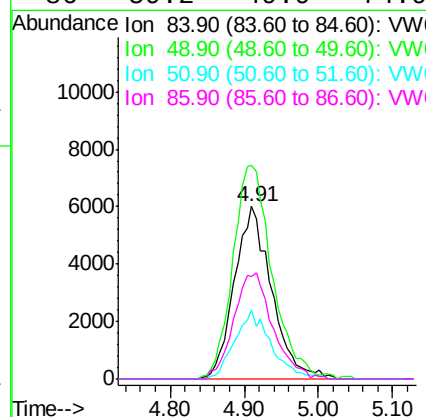
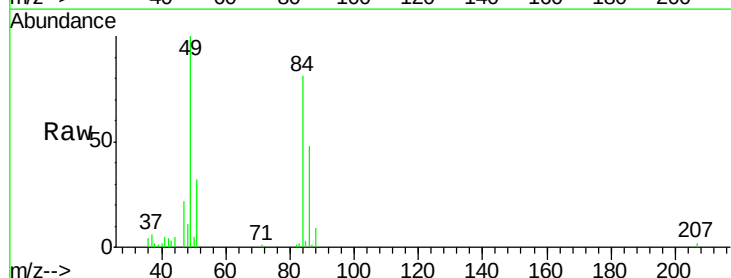
Instrument :
MSVOA_W
ClientSampleId :

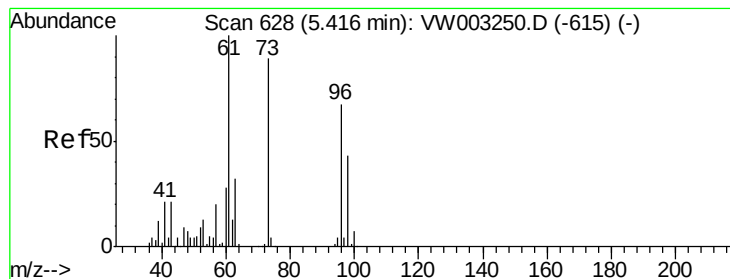
Tot Ion: 73 Resp: 18362
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0



#20
Methylene Chloride
Concen: 8.222 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 84 Resp: 21083
Ion Ratio Lower Upper
84 100
49 124.0 106.3 159.5
51 39.9 32.0 48.0
86 59.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 6.100 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

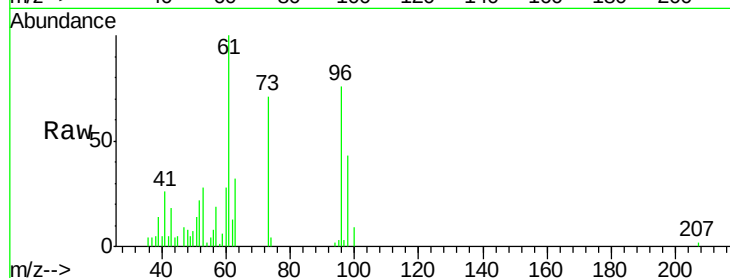
Tot Ion: 96 Resp: 11630

Ion Ratio Lower Upper

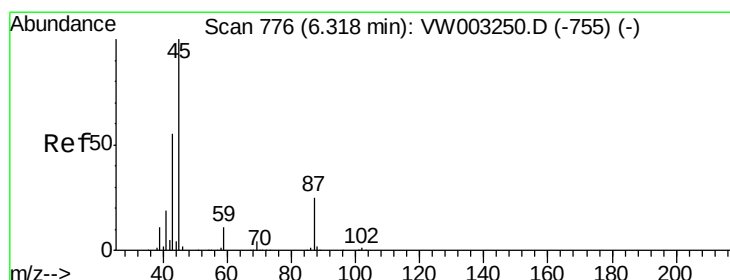
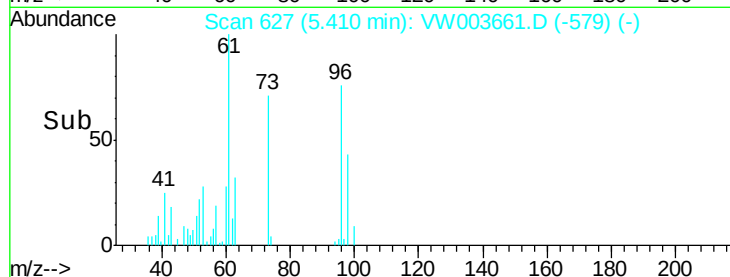
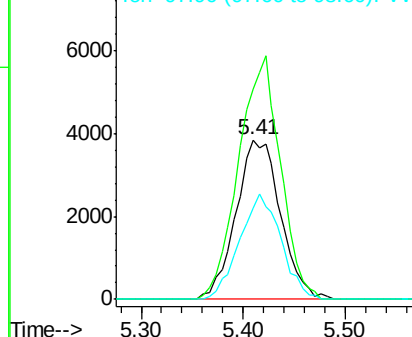
96 100

61 132.3 118.7 178.1

98 57.2 51.0 76.6



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: 5.153 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion: 45 Resp: 31471

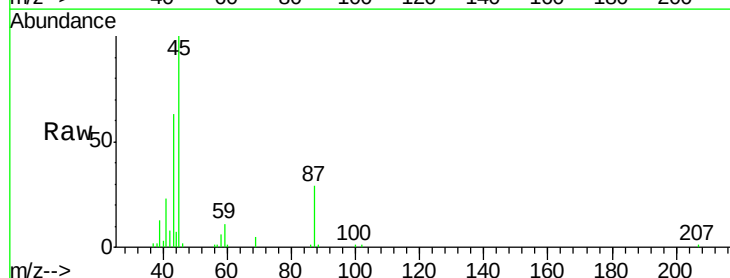
Ion Ratio Lower Upper

45 100

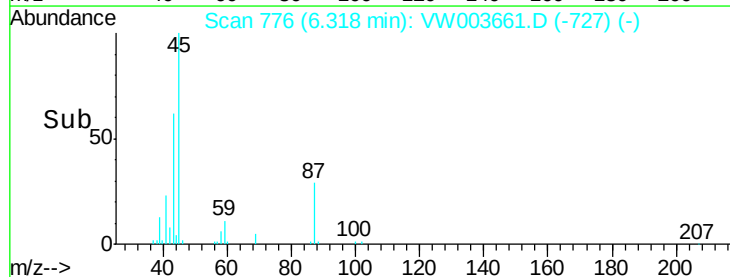
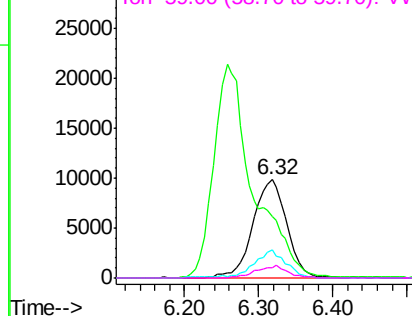
43 61.1 44.0 66.0

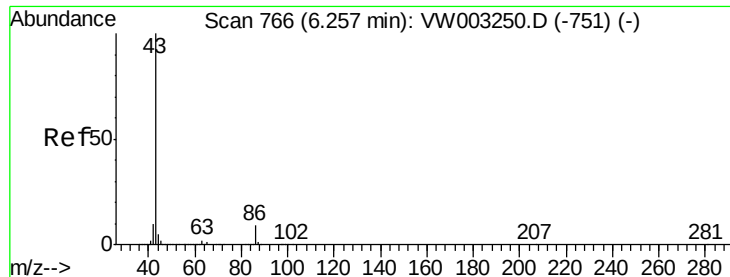
87 28.7 20.6 31.0

59 11.0 8.8 13.2



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: 22.400 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

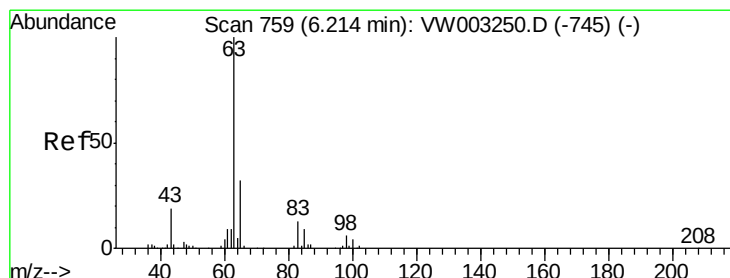
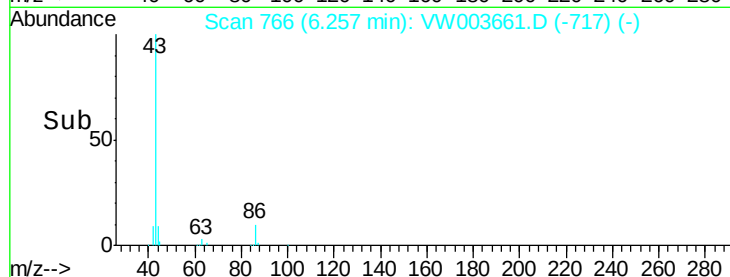
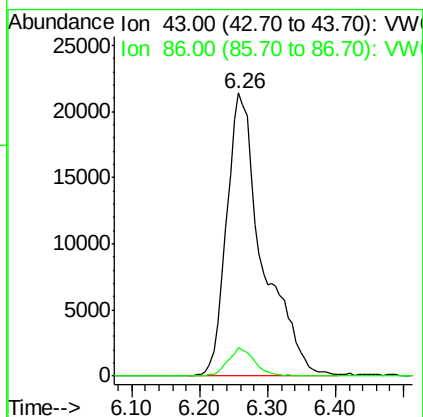
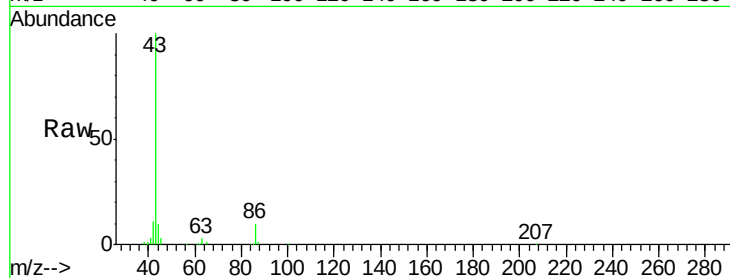
ClientSampleId :

Tot Ion: 43 Resp: 78840

Ion Ratio Lower Upper

43 100

86 10.0 7.5 11.3



#24

1,1-Dichloroethane

Concen: 6.094 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

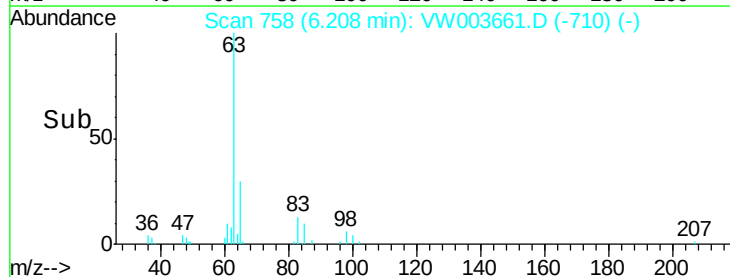
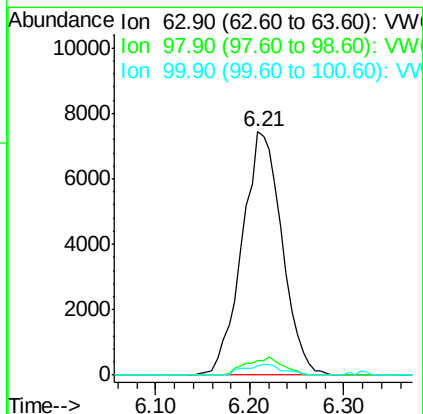
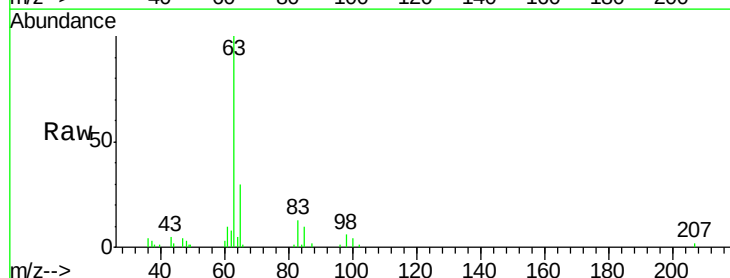
Tgt Ion: 63 Resp: 22097

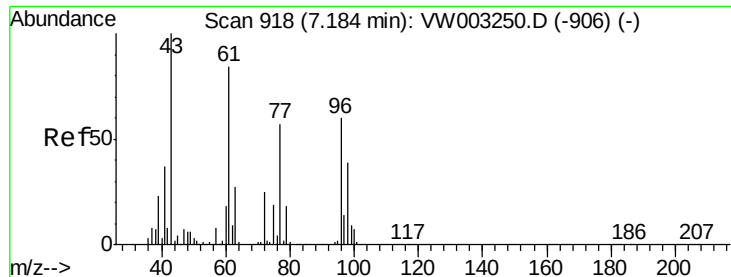
Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.3

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 31.500 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

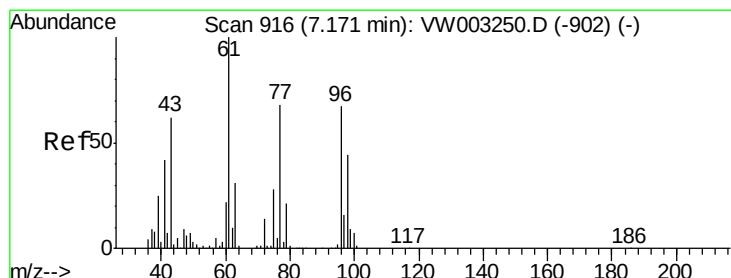
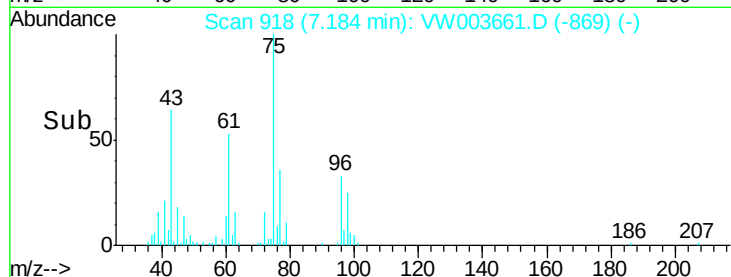
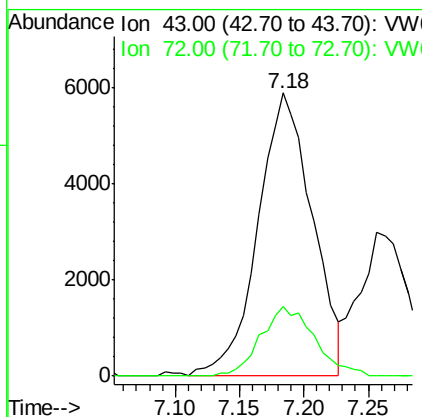
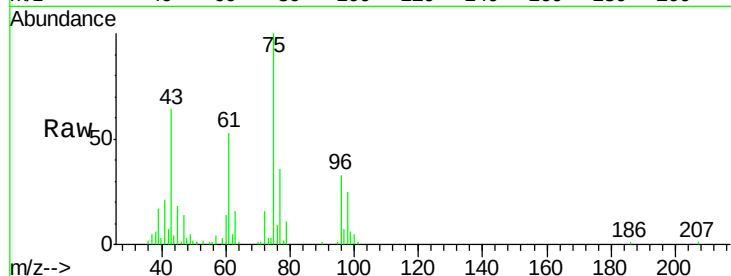
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 17221

Ion Ratio Lower Upper

43 100

72 24.5 20.3 30.5



#26

2,2-Dichloropropane

Concen: 6.391 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003661.D

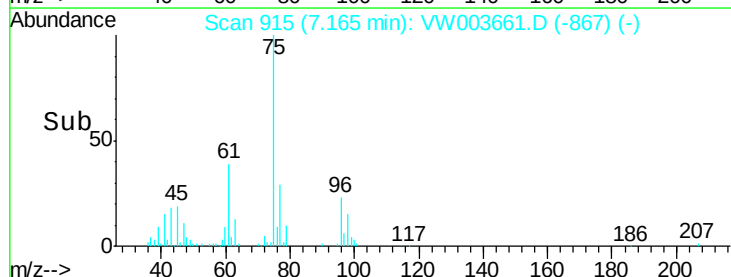
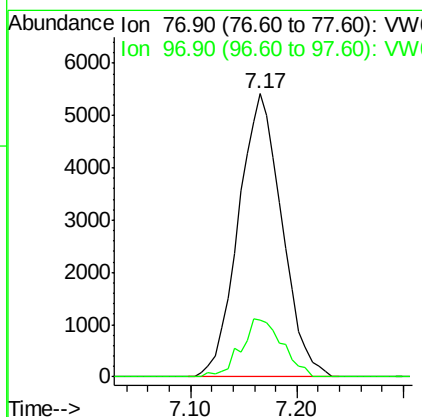
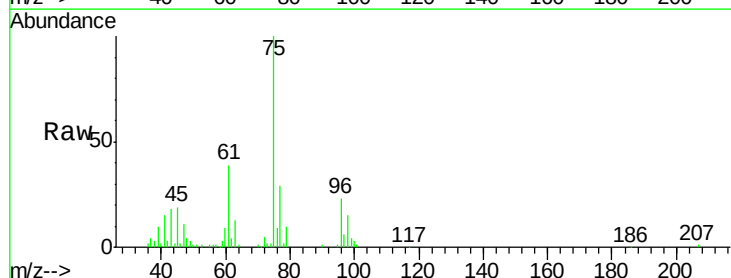
Acq: 29 Jun 2018 15:32

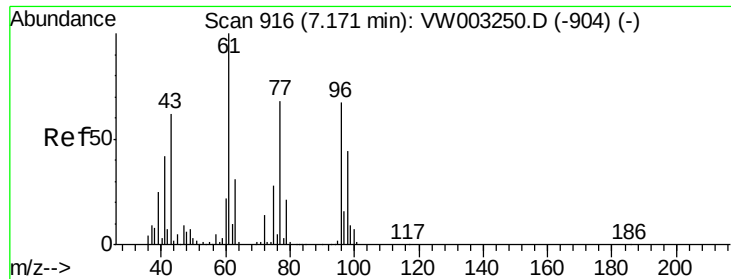
Tgt Ion: 77 Resp: 15464

Ion Ratio Lower Upper

77 100

97 19.5 11.3 33.9



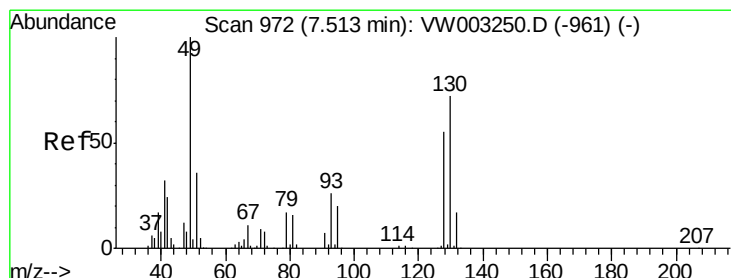
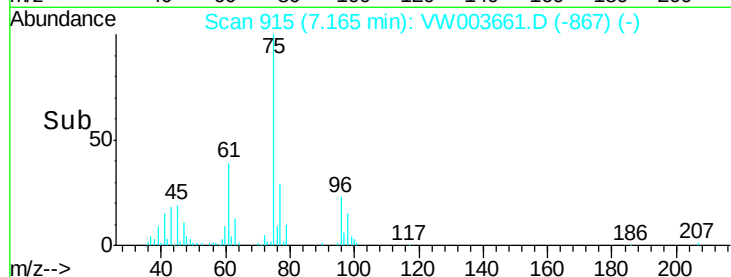
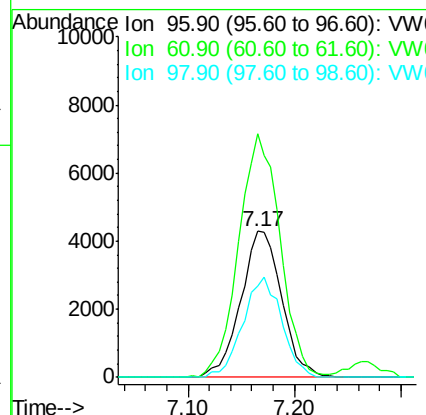
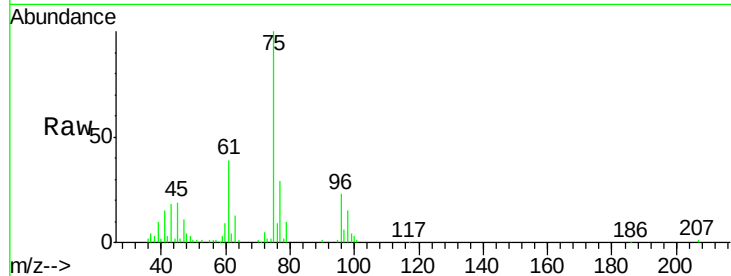


#27

cis-1,2-Dichloroethene
Concen: 5.509 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampled :

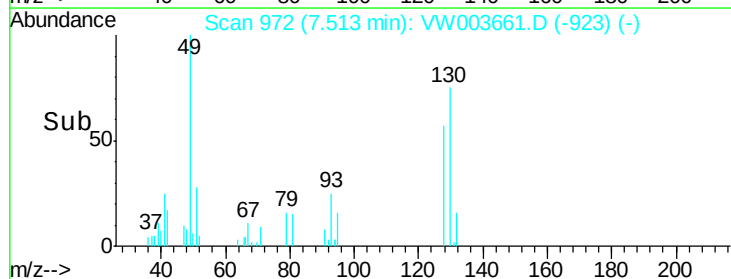
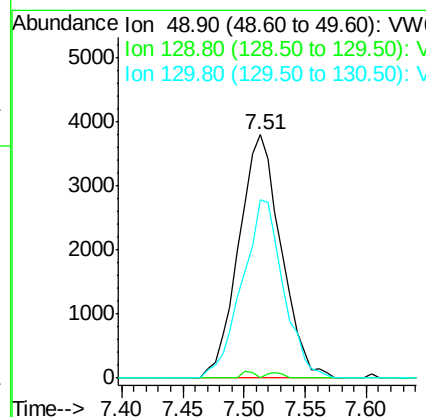
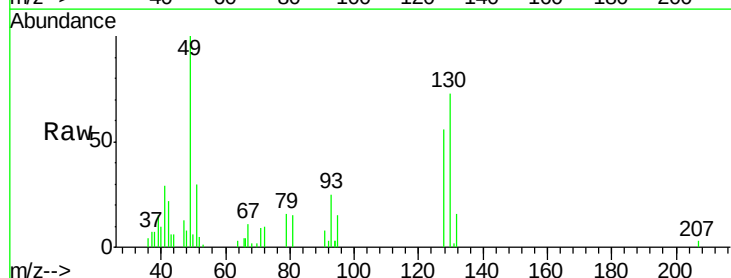
Tot Ion	96	Resp	11538
Ion Ratio	Lower	Upper	
96	100		
61	168.9	0.0	298.8
98	65.4	0.0	130.4

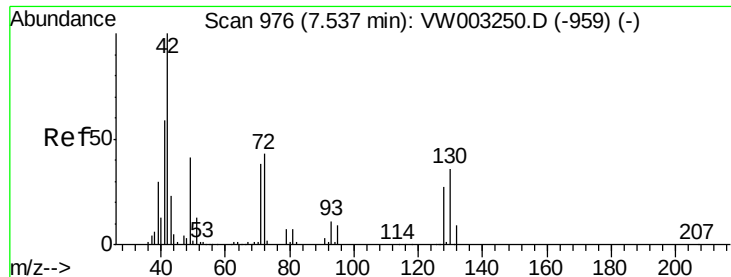


#28

Bromochloromethane
Concen: 6.045 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	49	Resp	9121
Ion Ratio	Lower	Upper	
49	100		
129	0.9	0.0	4.6
130	71.4	59.4	89.2

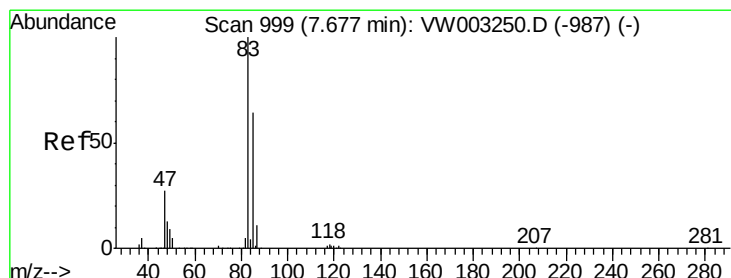
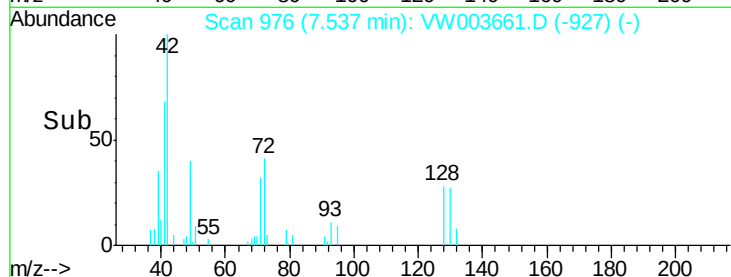
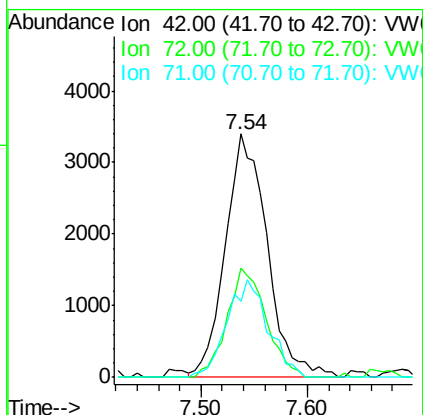
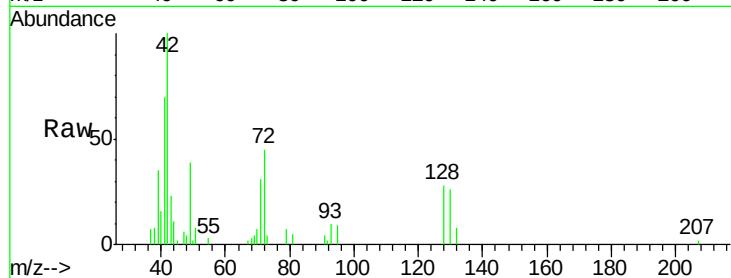




#29
Tetrahydrofuran
Concen: 27.972 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

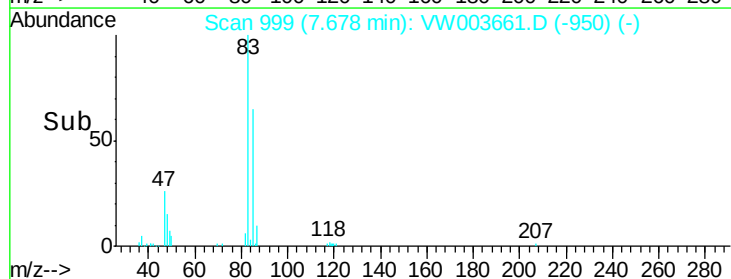
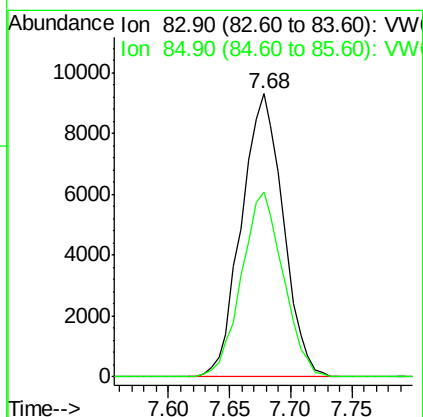
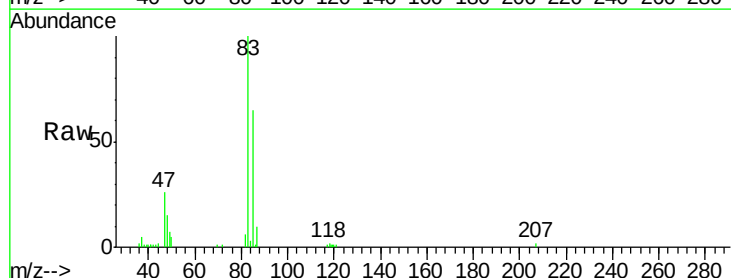
Instrument :
MSVOA_W
ClientSampled :

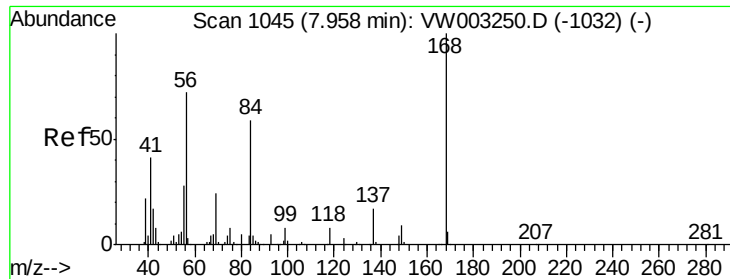
Tot Ion: 42 Resp: 9346
Ion Ratio Lower Upper
42 100
72 41.8 32.4 48.6
71 39.4 31.2 46.8



#30
Chloroform
Concen: 5.971 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 83 Resp: 22057
Ion Ratio Lower Upper
83 100
85 65.4 51.3 76.9





#31

Cyclohexane

Concen: 6.655 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

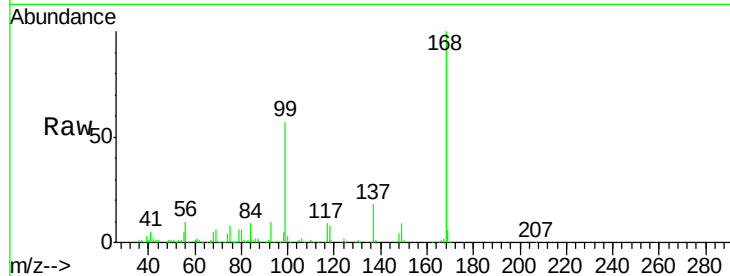
Tot Ion: 56 Resp: 22544

Ion Ratio Lower Upper

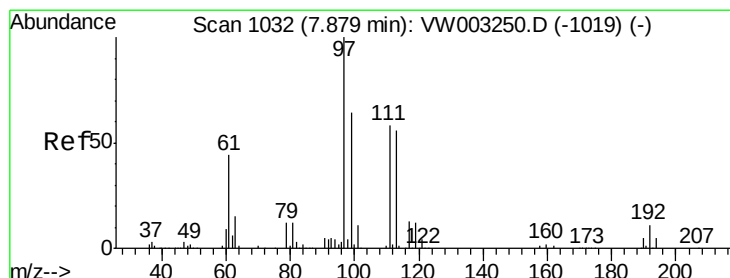
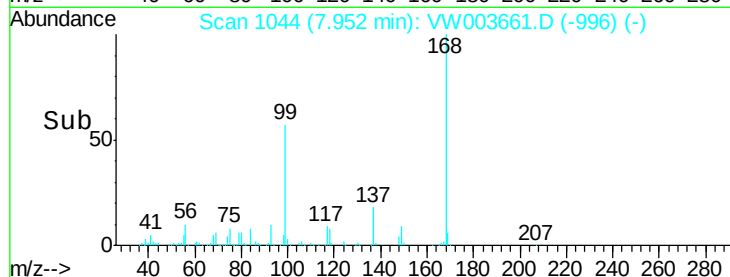
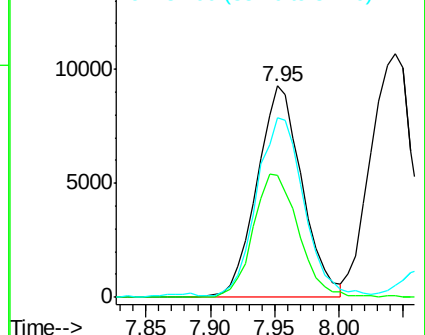
56 100

69 58.0 26.3 39.5#

84 83.1 65.7 98.5



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



#32

1,1,1-Trichloroethane

Concen: 5.838 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

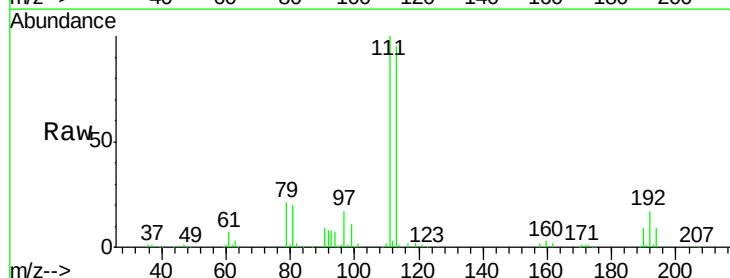
Tgt Ion: 97 Resp: 17799

Ion Ratio Lower Upper

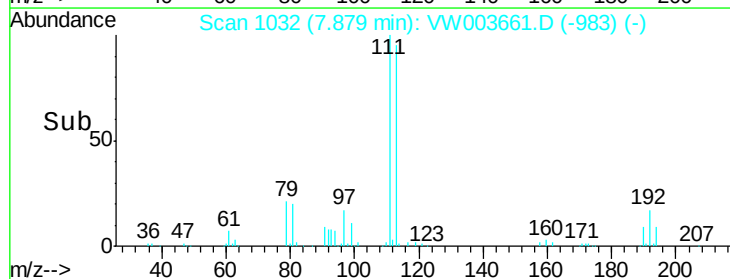
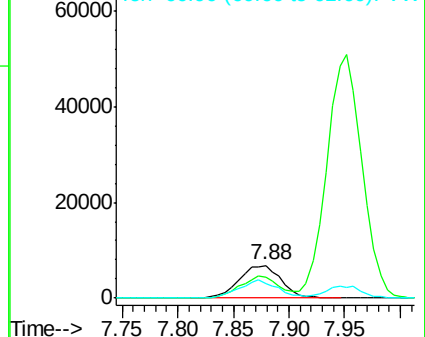
97 100

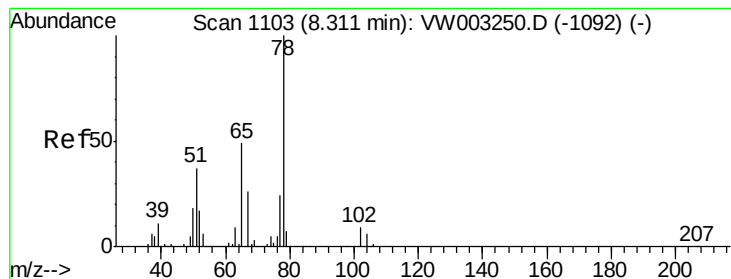
99 62.5 51.7 77.5

61 50.8 37.6 56.4



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





#33

1,2-Dichloroethane-d4

Concen: 55.939 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

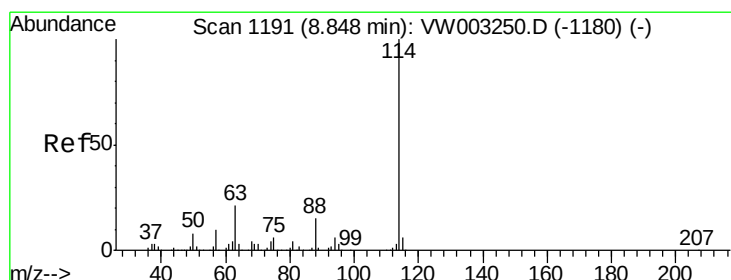
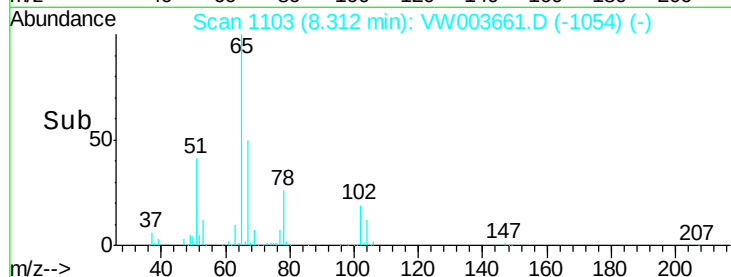
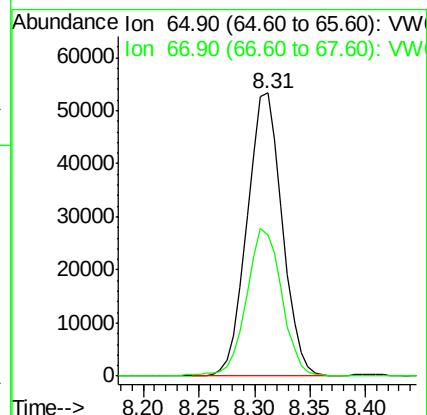
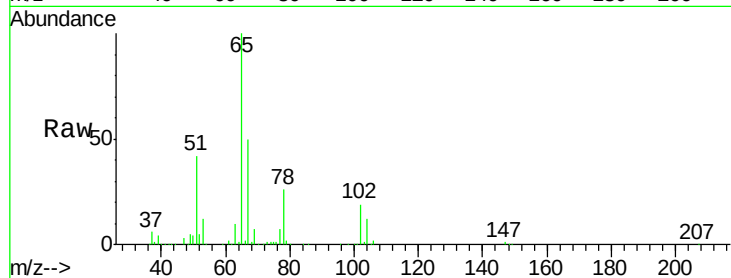
ClientSampled :

Tot Ion: 65 Resp: 117262

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

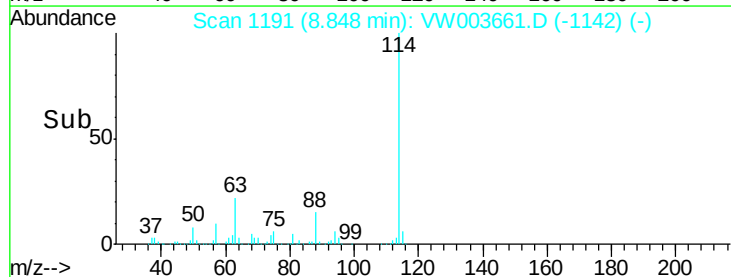
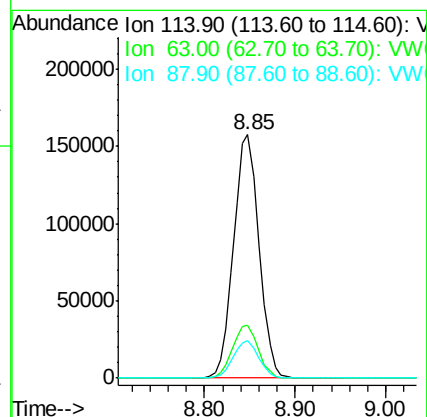
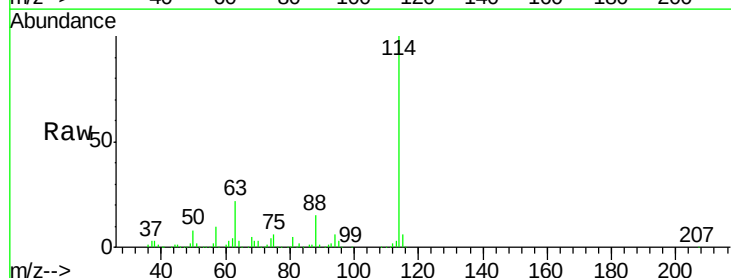
Tgt Ion: 114 Resp: 306430

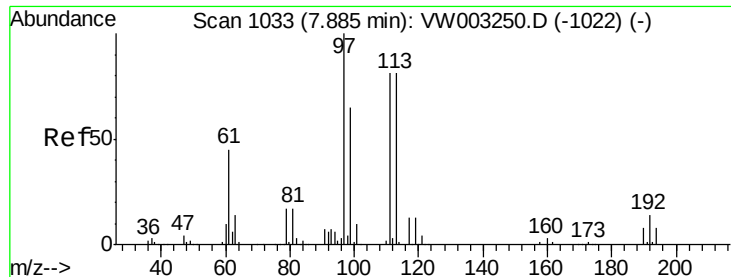
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

88 15.2 0.0 29.6

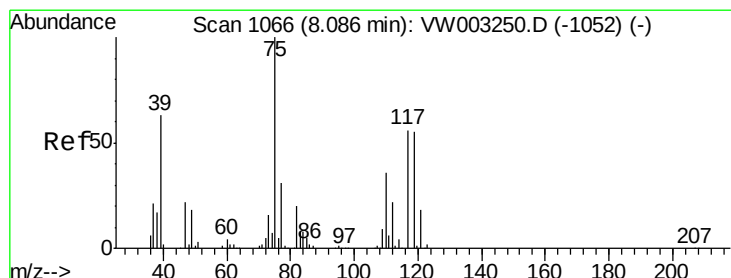
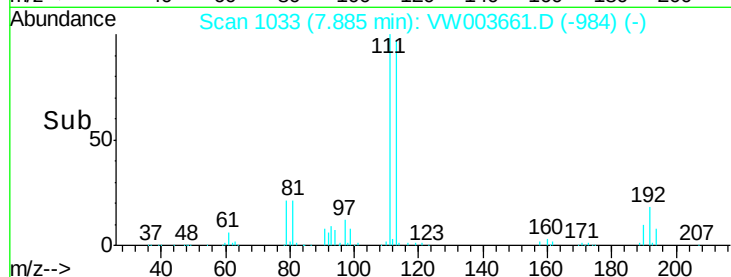
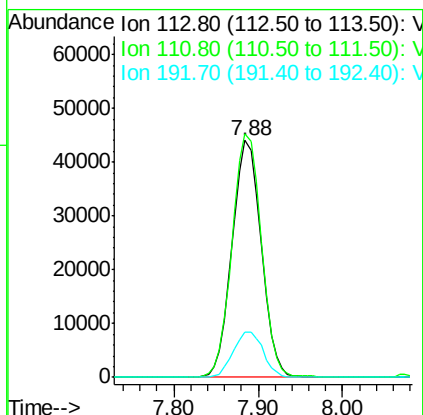
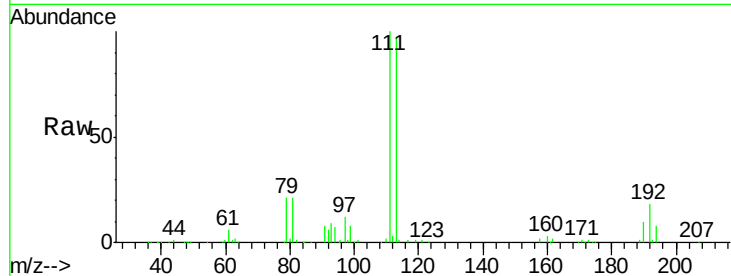




#35
Dibromofluoromethane
Concen: 53.974 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

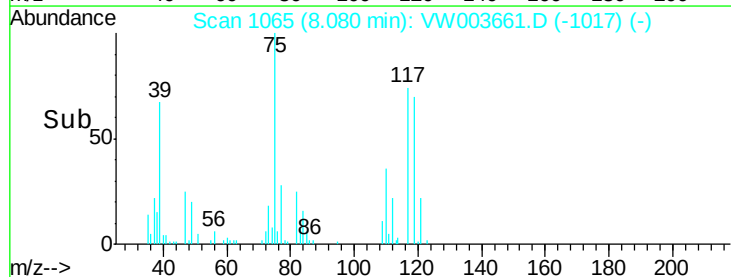
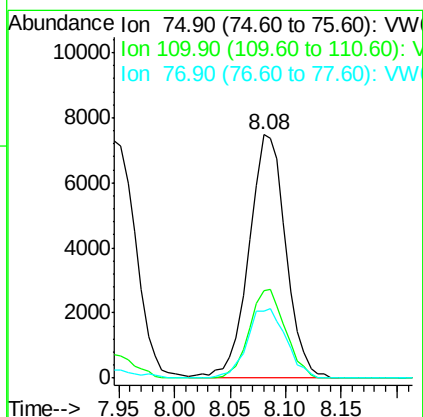
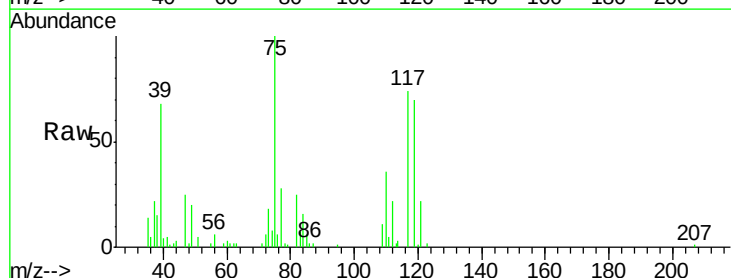
Instrument :
MSVOA_W
ClientSampleId :

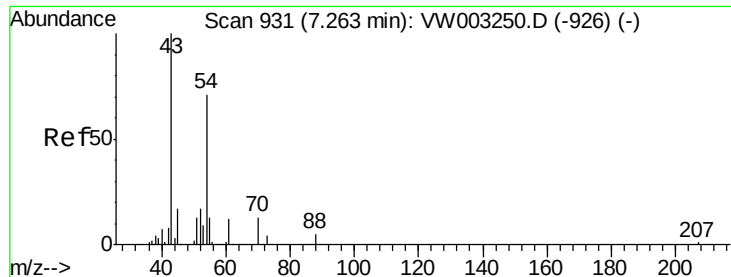
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.2
192	19.6	16.2	24.2



#36
1,1-Dichloropropene
Concen: 5.842 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.1	51.3
77	30.0	24.9	37.3

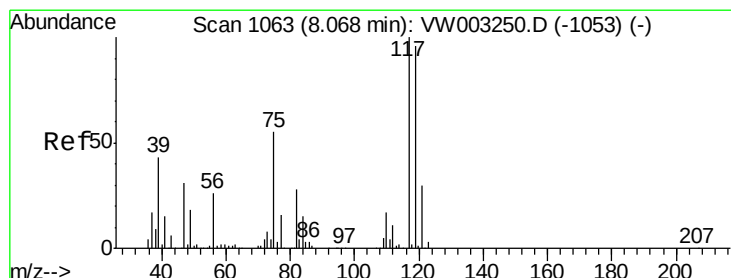
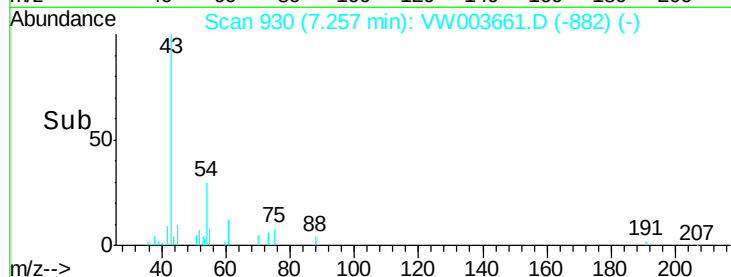
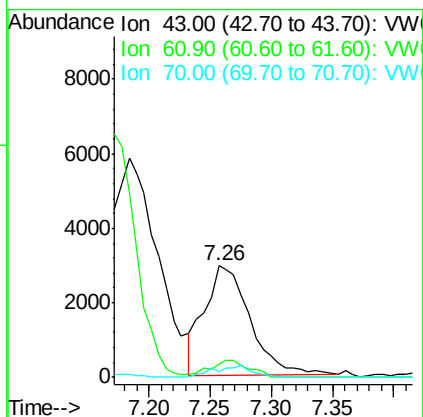
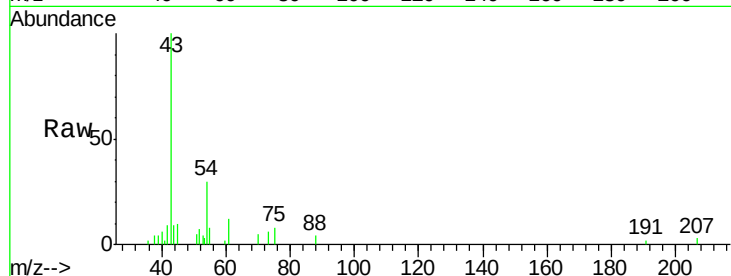




#37
Ethyl Acetate
Concen: 6.298 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

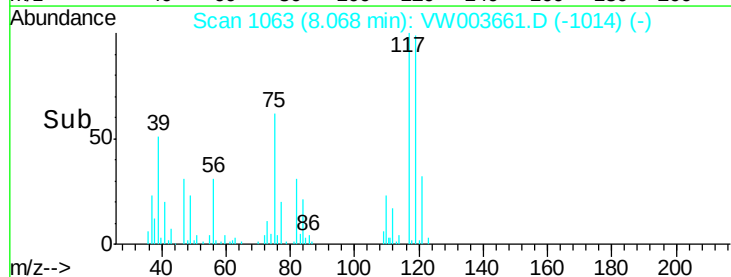
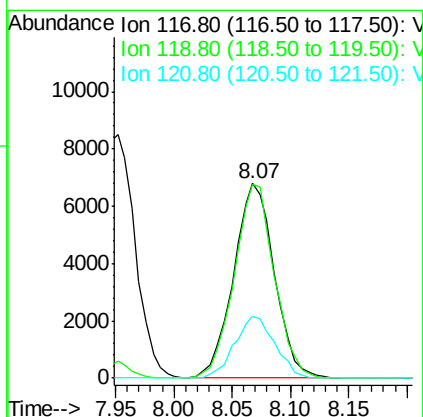
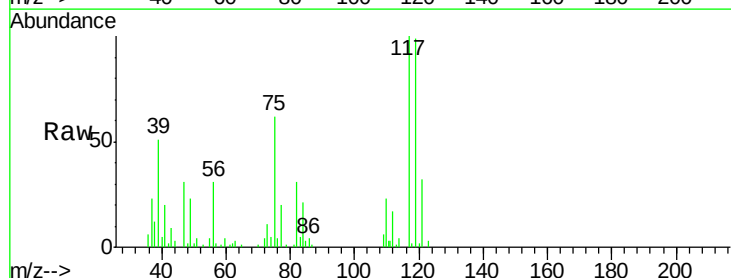
Instrument :
MSVOA_W
ClientSampleId :

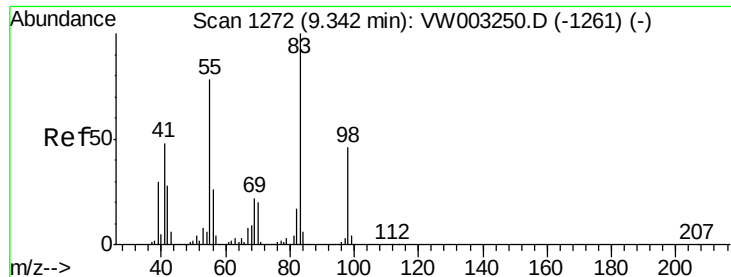
Tot Ion: 43 Resp: 7721
Ion Ratio Lower Upper
43 100
61 13.6 10.8 16.2
70 8.8 7.8 11.6



#38
Carbon Tetrachloride
Concen: 5.699 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 117 Resp: 16544
Ion Ratio Lower Upper
117 100
119 99.3 76.6 115.0
121 31.8 23.9 35.9

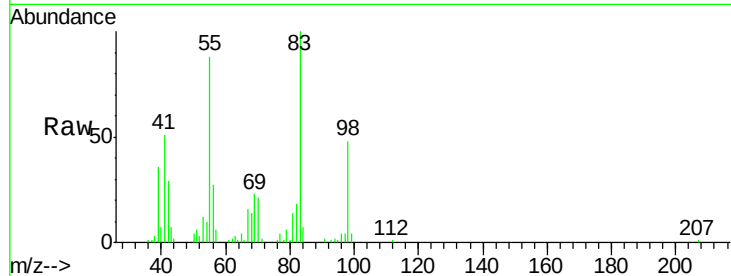




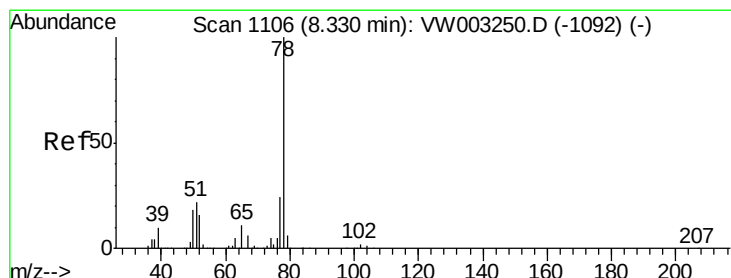
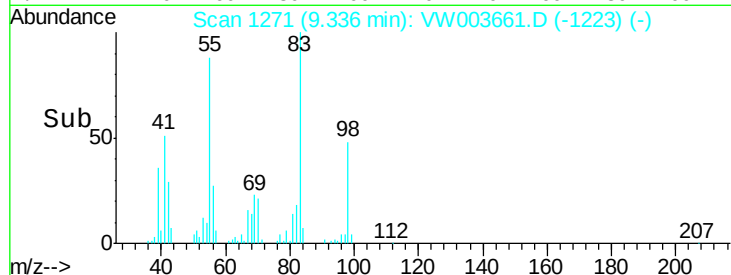
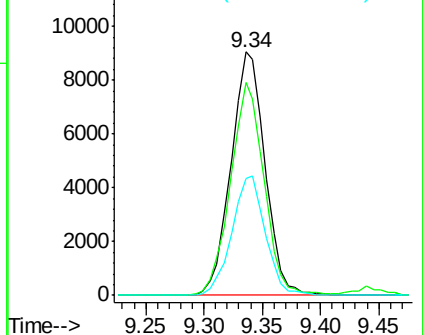
#39
Methylvlcyclohexane
Concen: 5.367 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 18379
Ion Ratio Lower Upper
83 100
55 87.6 62.6 93.8
98 48.1 37.0 55.4

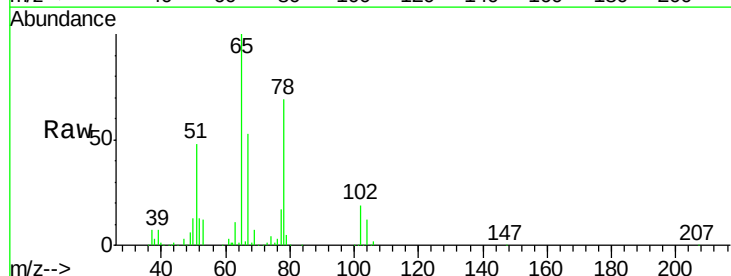


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

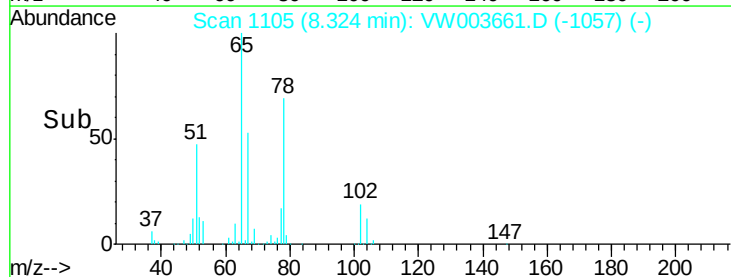
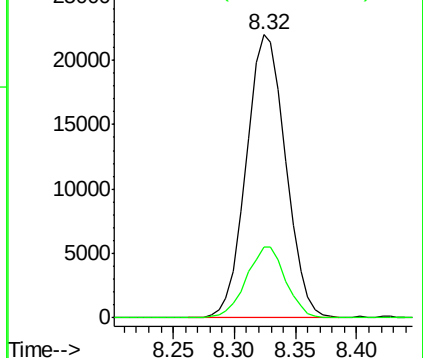


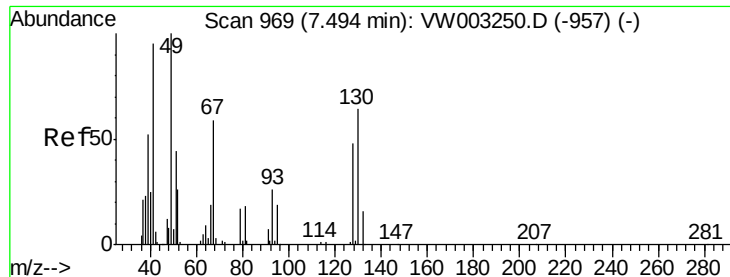
#40
Benzene
Concen: 6.042 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 78 Resp: 49282
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.6



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

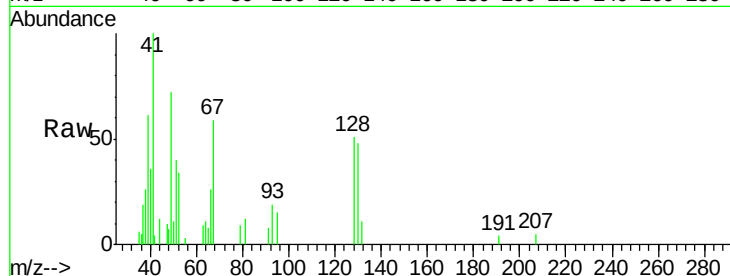




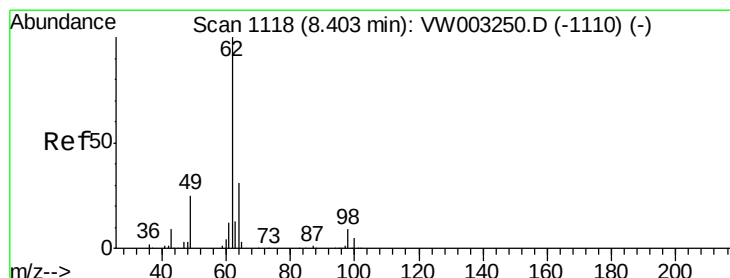
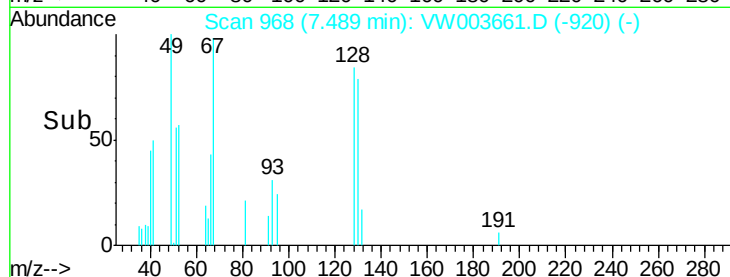
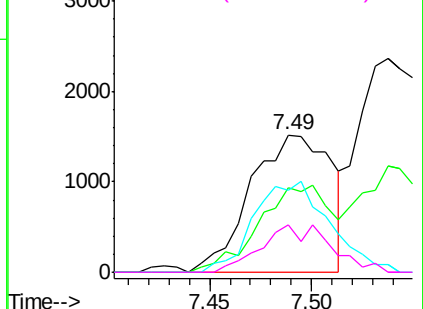
#41
Methacrylonitrile
Concen: 5.569 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	4190
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.8
67	61.8	52.3	78.5
52	29.5	24.1	36.1

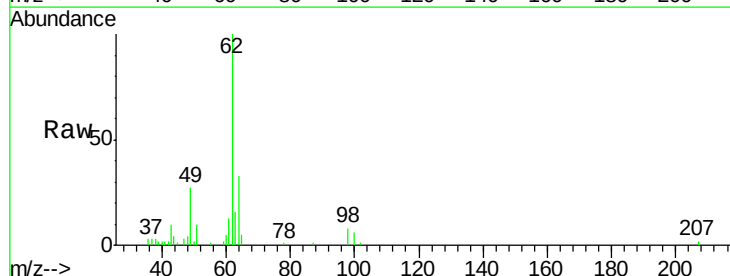


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

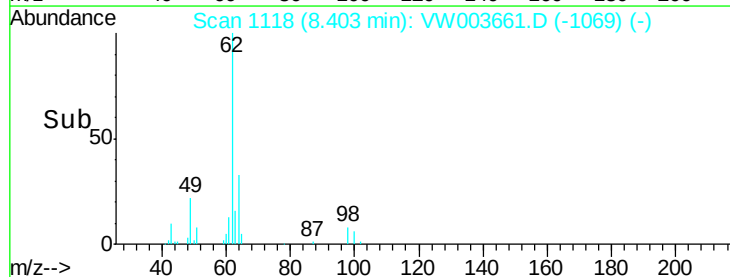
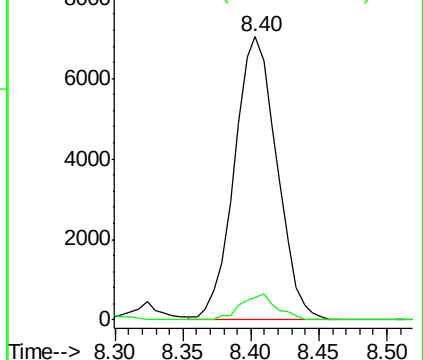


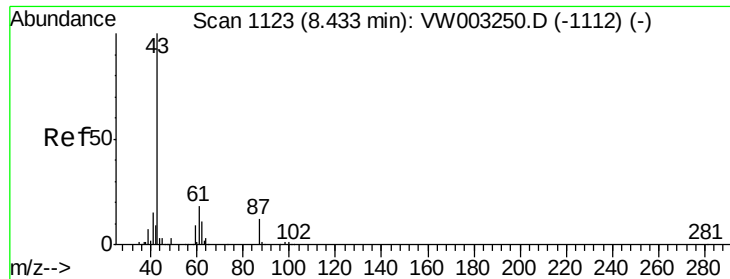
#42
1,2-Dichloroethane
Concen: 6.025 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion:	62	Resp:	15398
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 5.489 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

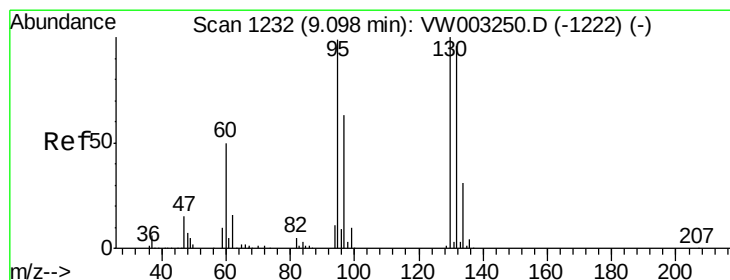
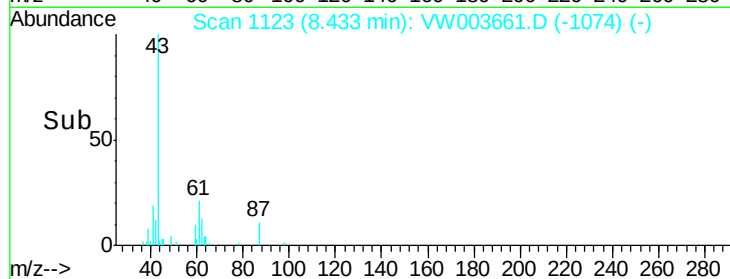
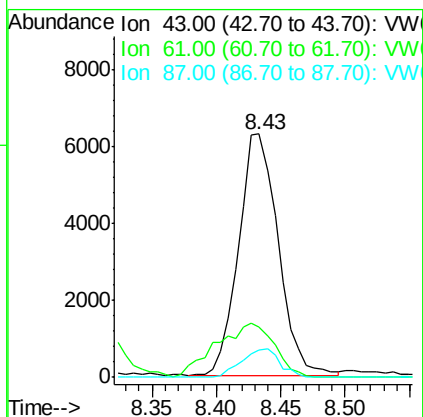
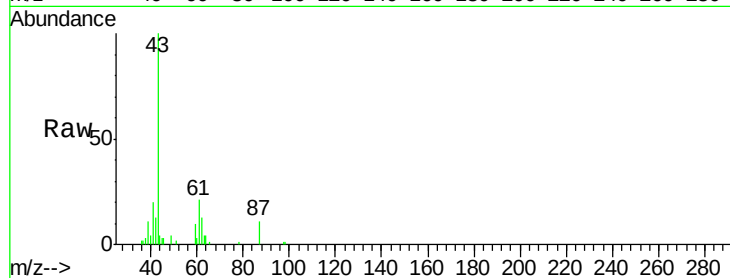
Tot Ion: 43 Resp: 13363

Ion Ratio Lower Upper

43 100

61 33.0 23.1 34.7

87 11.5 9.8 14.6



#44

Trichloroethene

Concen: 5.957 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003661.D

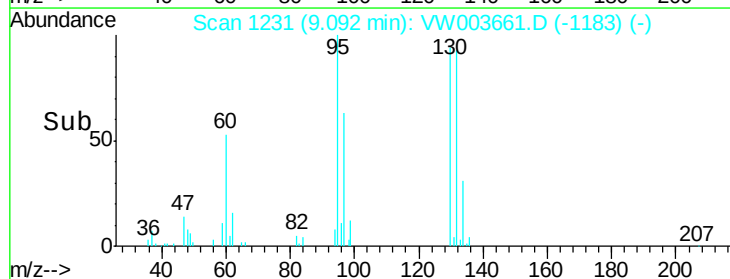
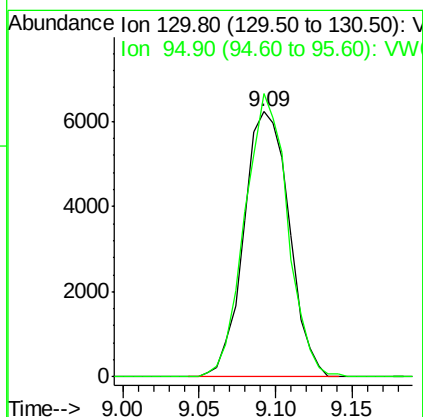
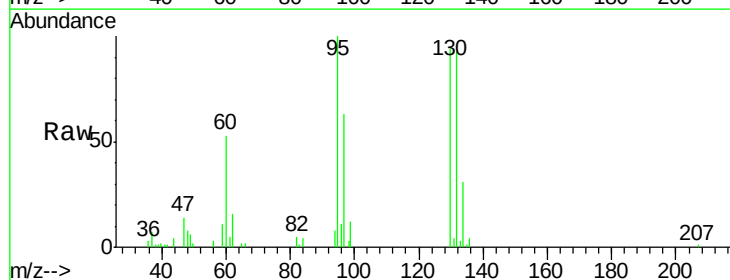
Acq: 29 Jun 2018 15:32

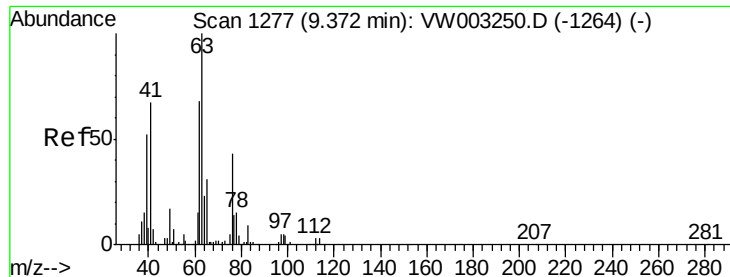
Tgt Ion: 130 Resp: 12875

Ion Ratio Lower Upper

130 100

95 106.7 0.0 198.0





#45

1,2-Dichloropropane

Concen: 5.969 ug/l

RT: 9.38 min Scan# 1278

Delta R.T. 0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

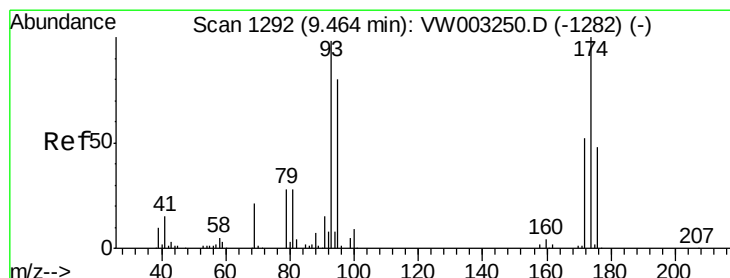
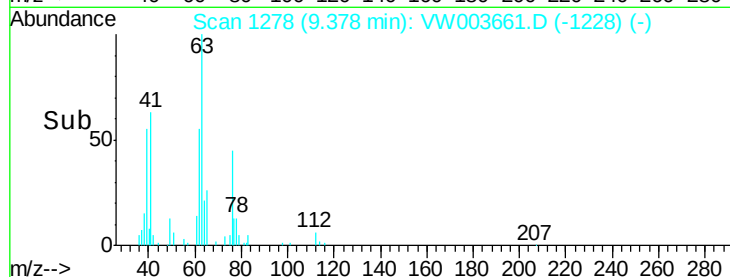
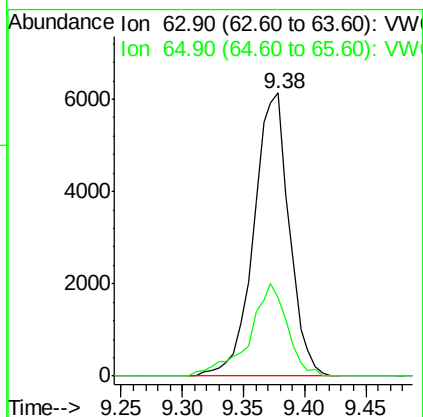
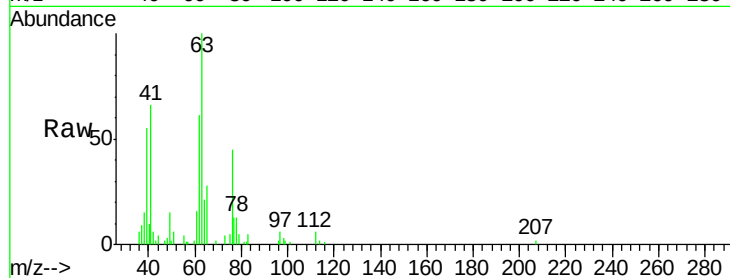
ClientSampleId :

Tot Ion: 63 Resp: 12398

Ion Ratio Lower Upper

63 100

65 27.7 25.1 37.7



#46

Dibromomethane

Concen: 5.915 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

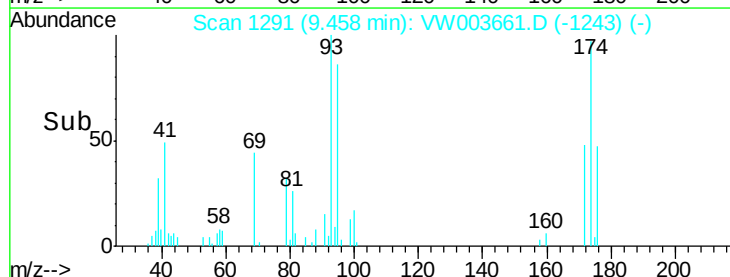
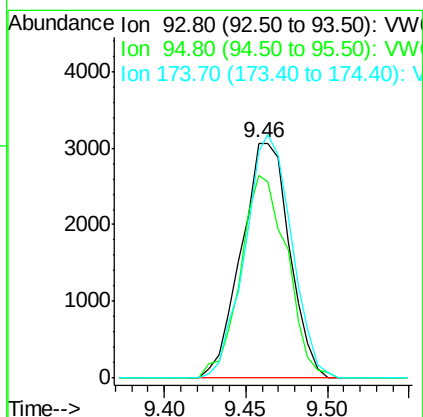
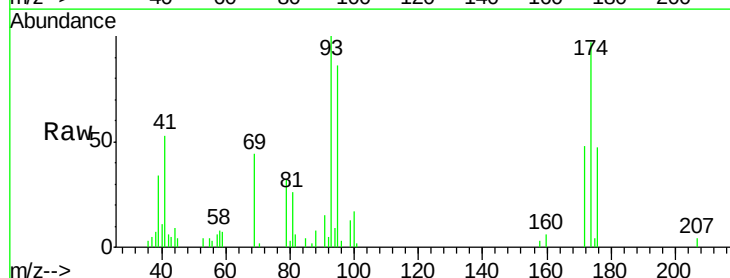
Tgt Ion: 93 Resp: 6290

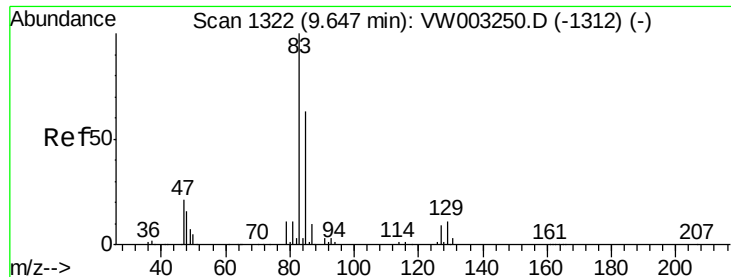
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 100.7 81.4 122.0





#47

Bromodichloromethane

Concen: 5.787 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampled :

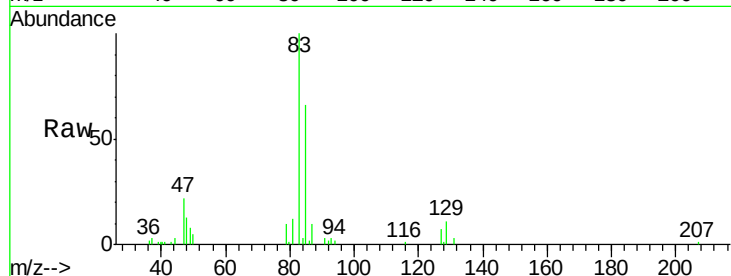
Tot Ion: 83 Resp: 15773

Ion Ratio Lower Upper

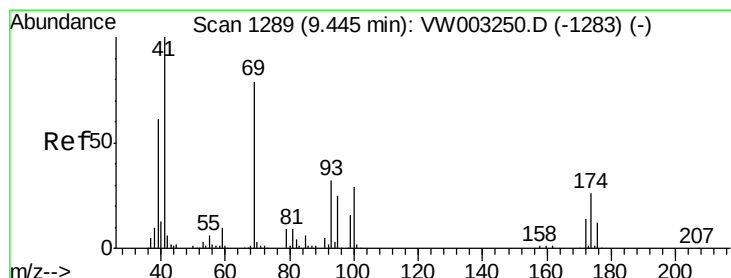
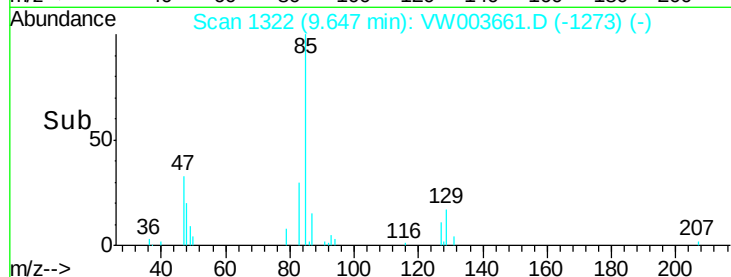
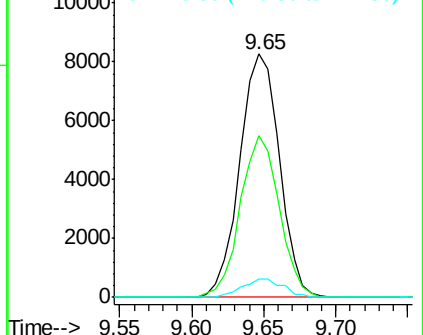
83 100

85 66.3 50.6 75.8

127 7.4 6.8 10.2



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



#48

Methyl methacrylate

Concen: 5.239 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

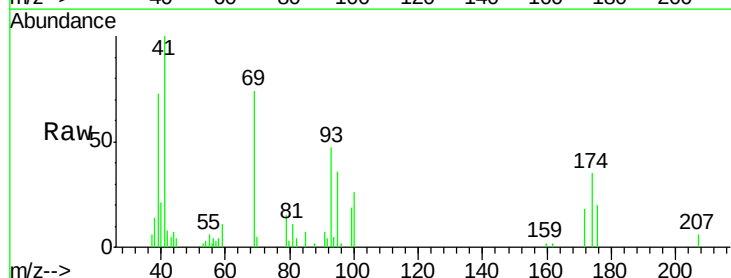
Tgt Ion: 41 Resp: 5994

Ion Ratio Lower Upper

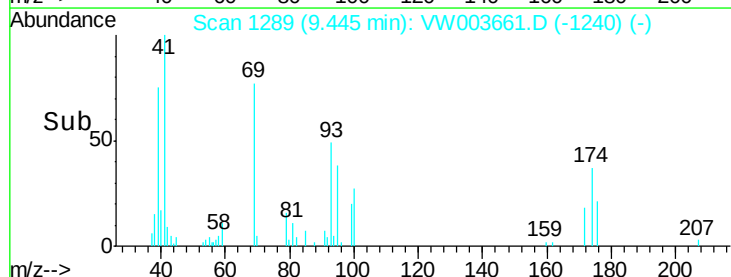
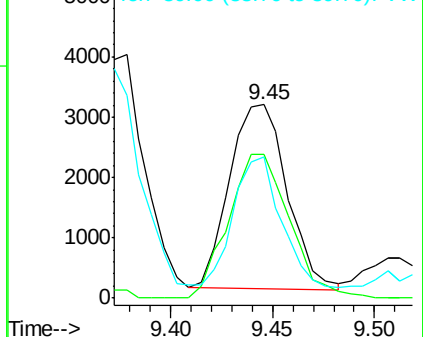
41 100

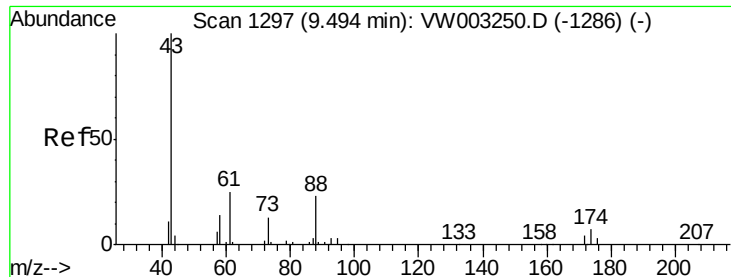
69 82.8 65.4 98.2

39 71.4 54.2 81.2



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

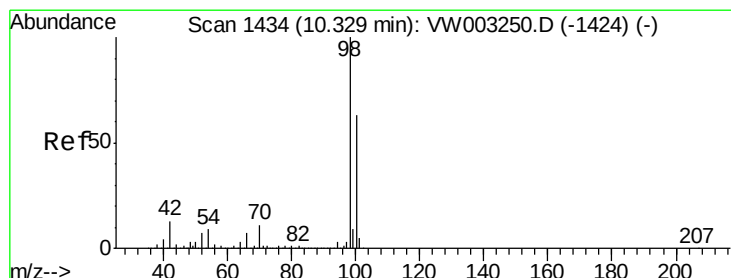
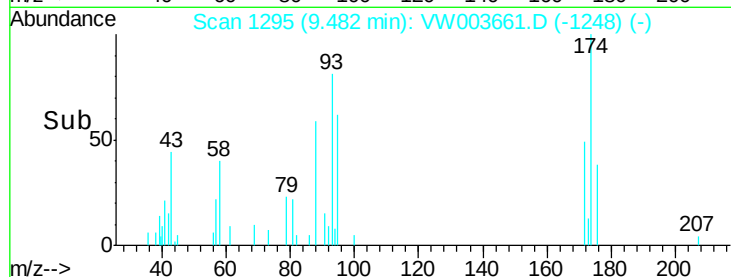
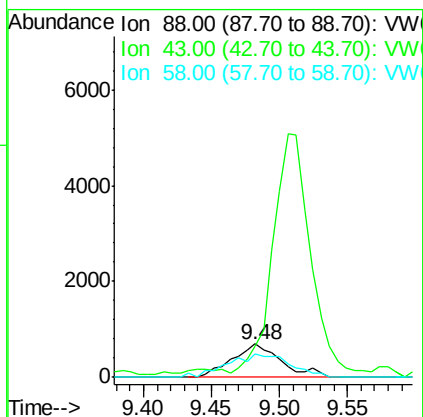
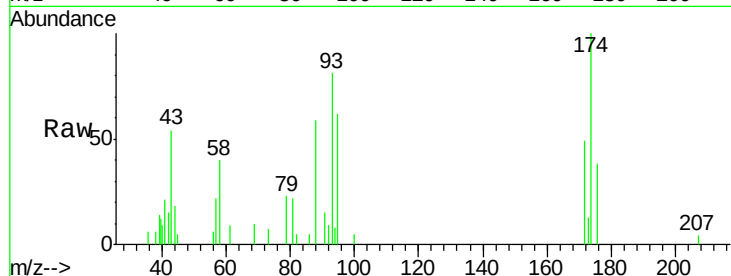




#49
1,4-Dioxane
Concen: 110.556 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

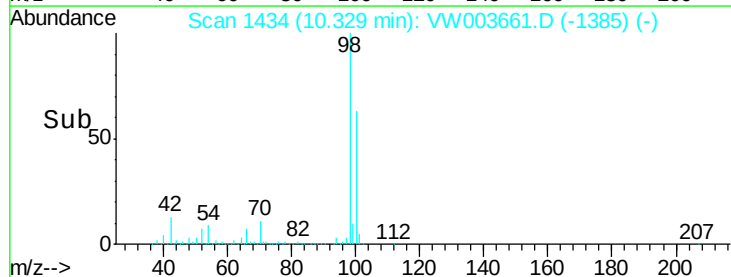
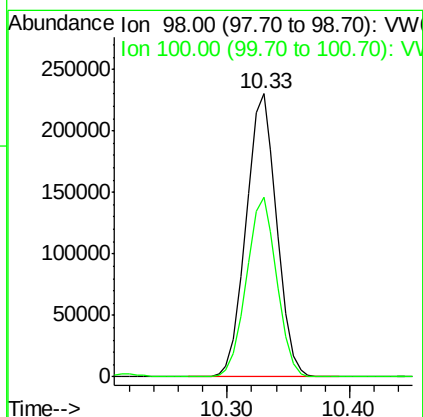
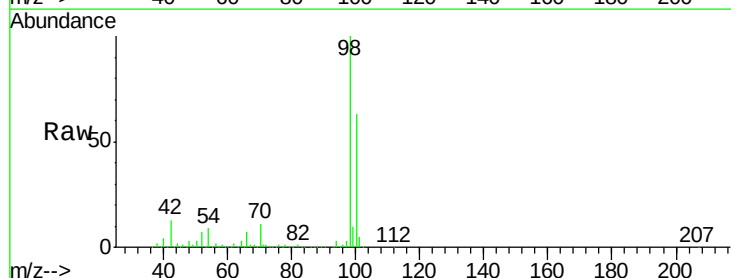
Instrument :
MSVOA_W
ClientSampleId :

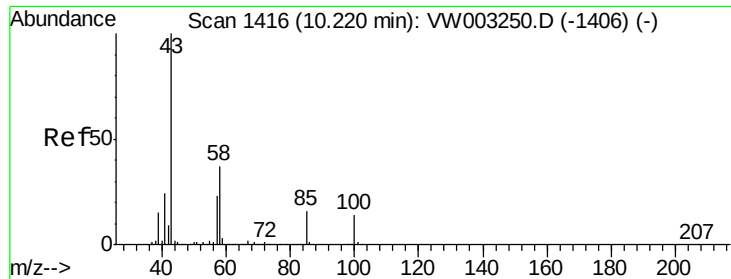
Tot Ion: 88 Resp: 1775
Ion Ratio Lower Upper
88 100
43 0.0 454.7 682.1#
58 87.9 58.6 88.0



#50
Toluene-d8
Concen: 52.932 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 98 Resp: 399638
Ion Ratio Lower Upper
98 100
100 62.9 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 27.703 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

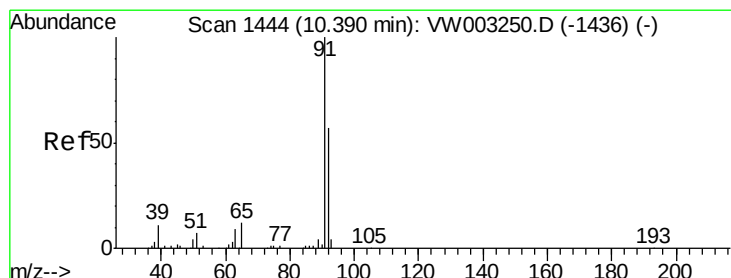
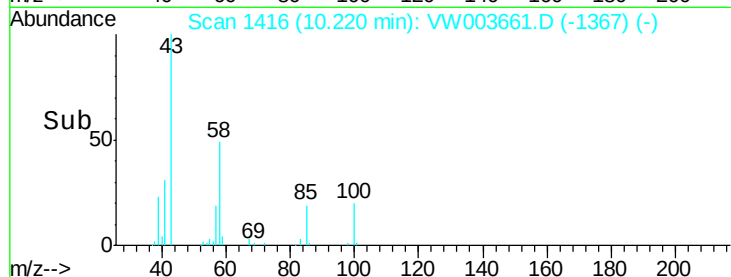
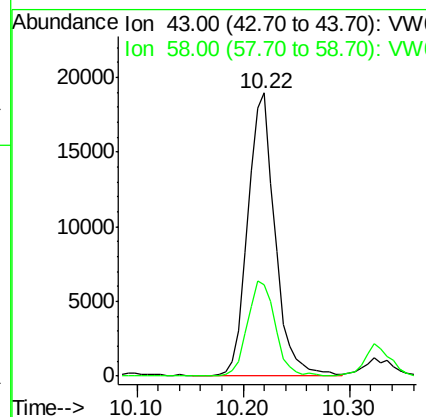
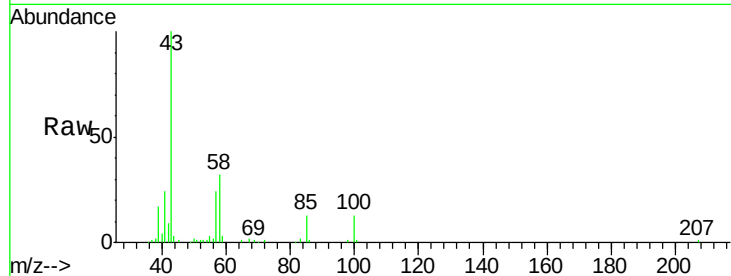
ClientSampled :

Tot Ion: 43 Resp: 34363

Ion Ratio Lower Upper

43 100

58 34.2 29.0 43.4



#52

Toluene

Concen: 5.986 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003661.D

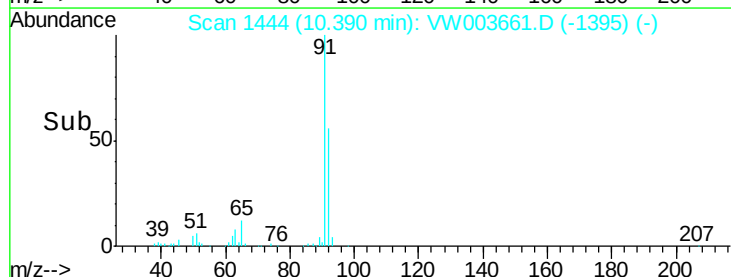
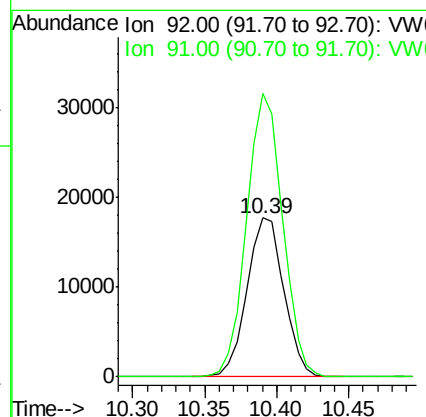
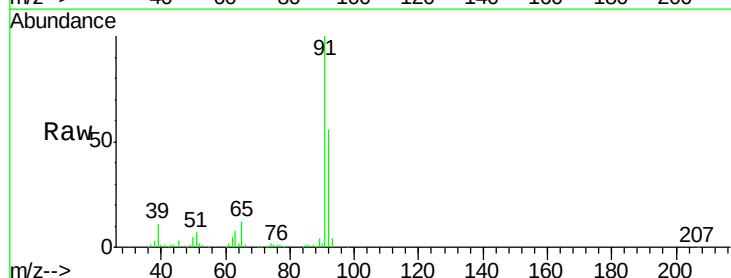
Acq: 29 Jun 2018 15:32

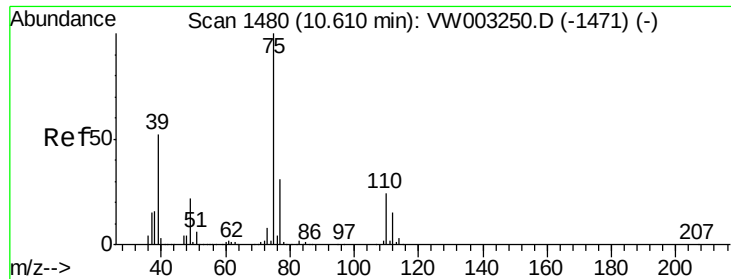
Tgt Ion: 92 Resp: 31313

Ion Ratio Lower Upper

92 100

91 174.5 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 5.321 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

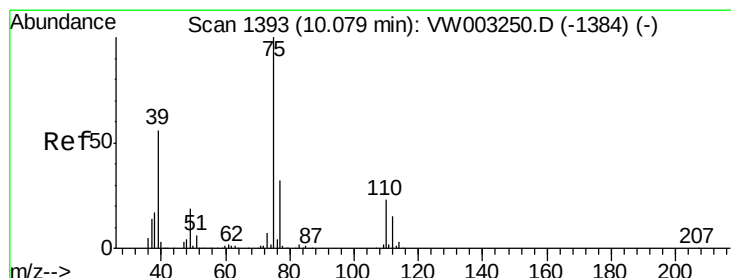
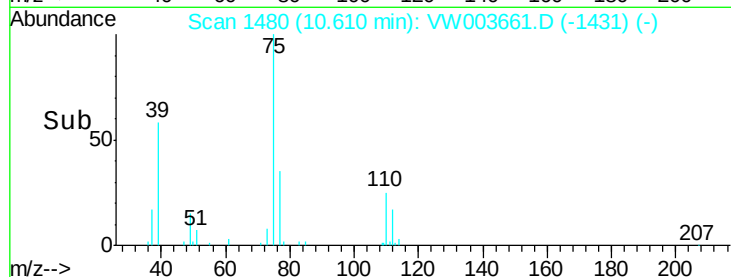
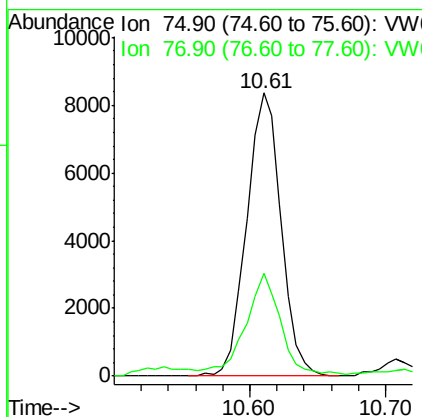
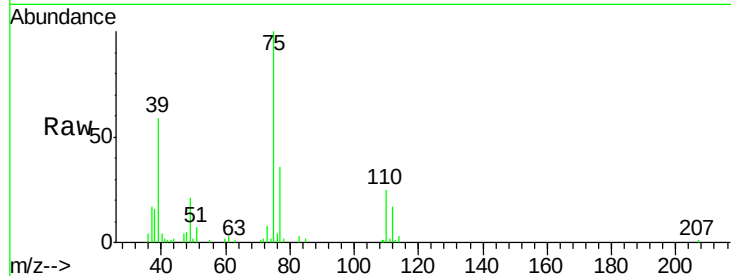
ClientSampleId :

Tot Ion: 75 Resp: 14815

Ion Ratio Lower Upper

75 100

77 35.2 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 5.351 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

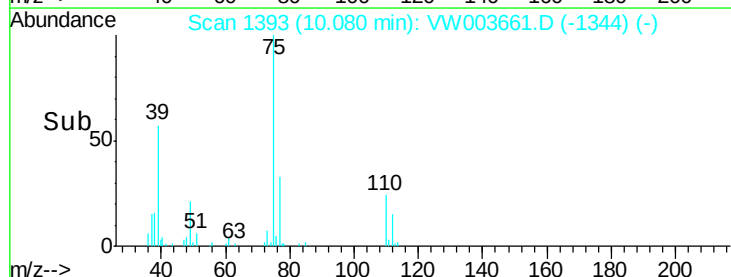
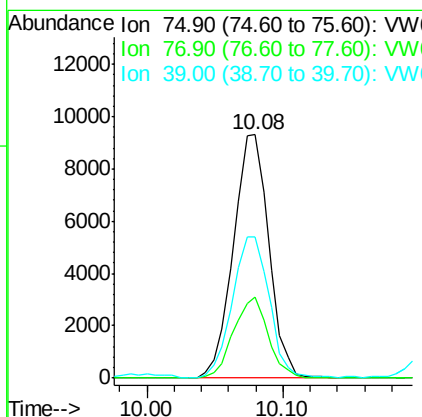
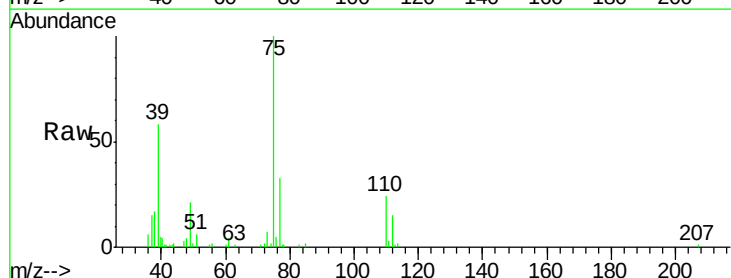
Tgt Ion: 75 Resp: 16956

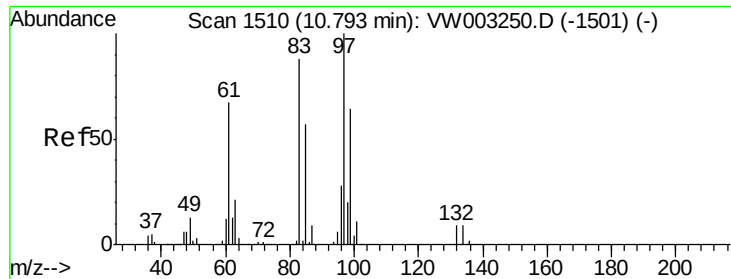
Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.6

39 58.2 45.2 67.8

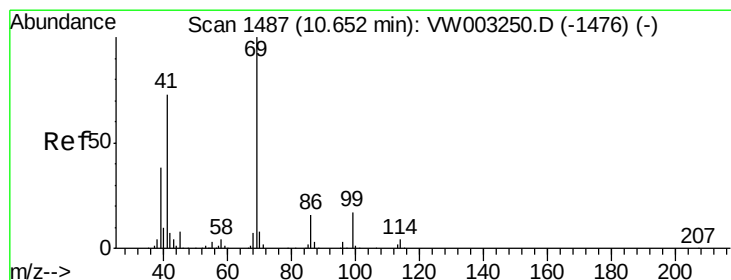
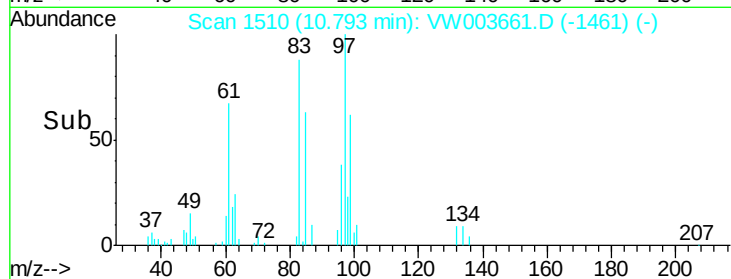
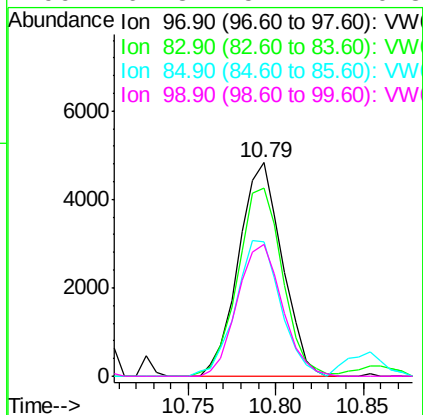
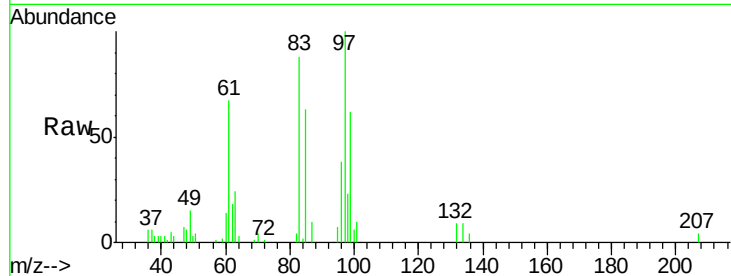




#55
 1,1,2-Trichloroethane
 Concen: 5.585 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

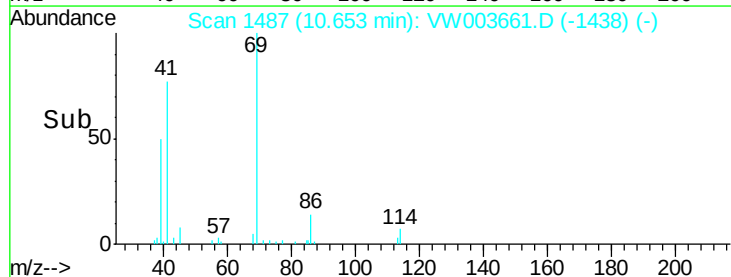
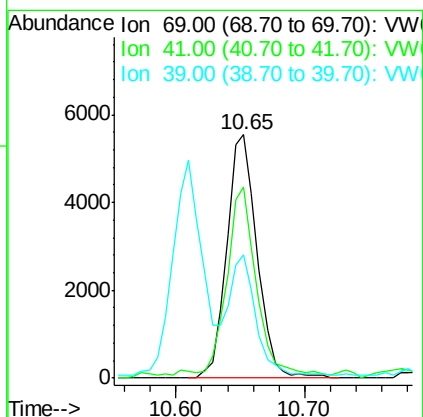
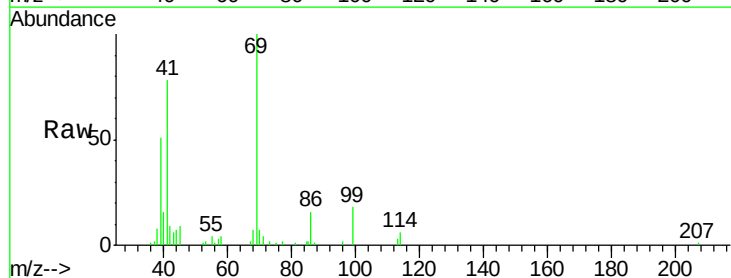
Instrument :
 MSVOA_W
 ClientSampleId :

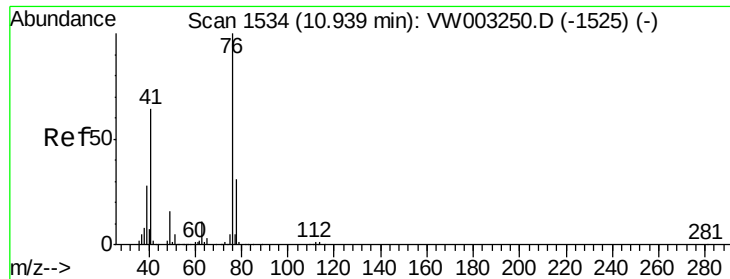
Tot Ion:	97	Resp:	8368
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.2	105.2
85	63.0	45.6	68.4
99	61.8	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 5.006 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion:	69	Resp:	9109
Ion	Ratio	Lower	Upper
69	100		
41	76.6	57.8	86.6
39	41.8	32.7	49.1

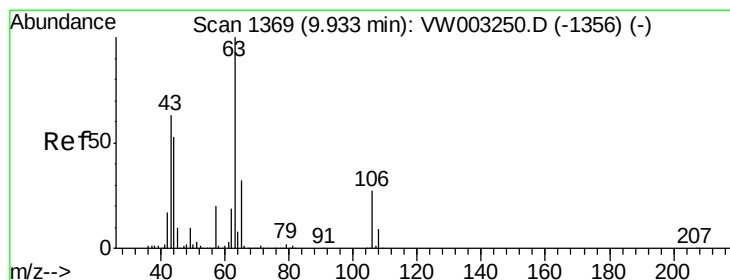
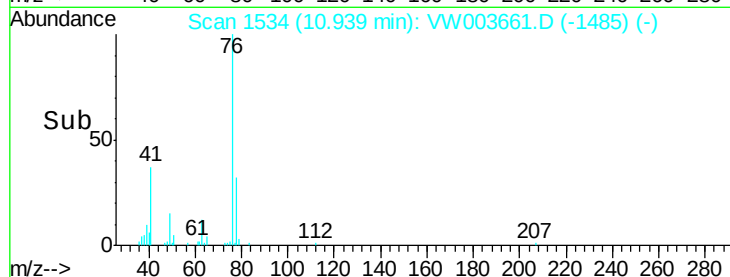
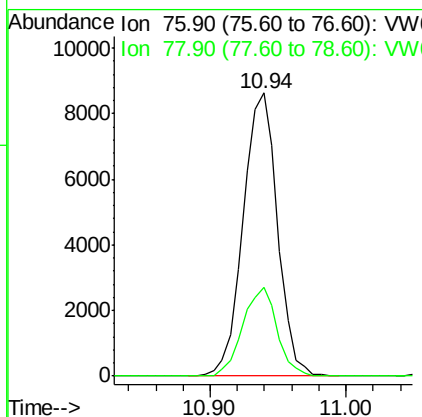
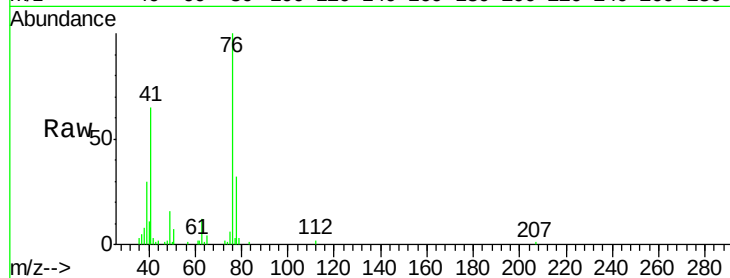




#57
 1,3-Dichloropropane
 Concen: 5.905 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

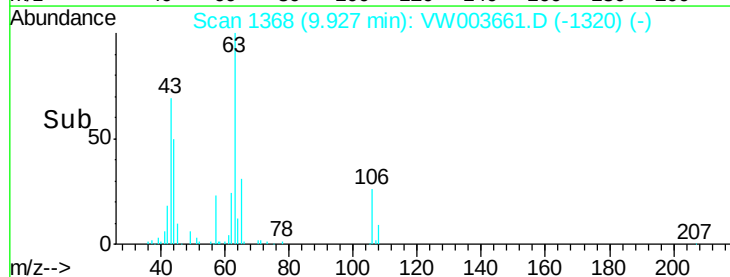
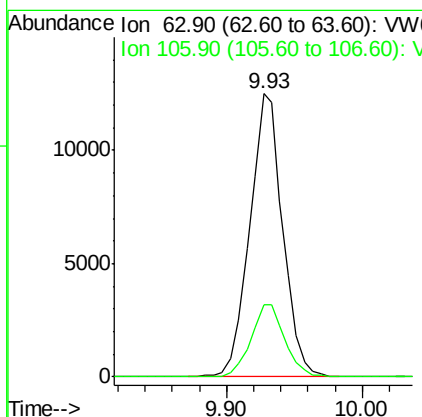
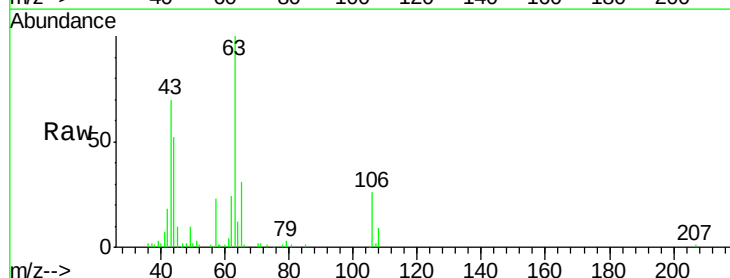
Instrument :
 MSVOA_W
 ClientSampleId :

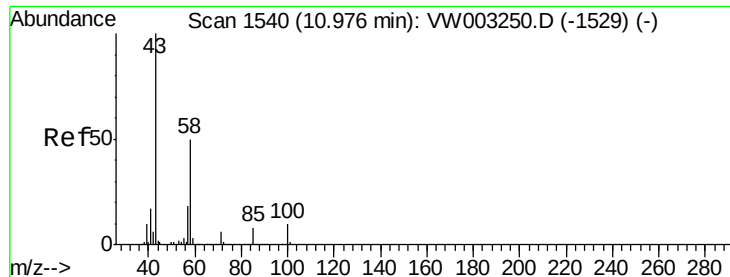
Tot Ion: 76 Resp: 15259
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.894 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion: 63 Resp: 21121
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.8 32.8

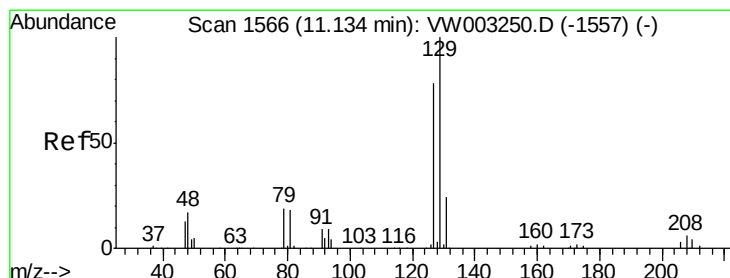
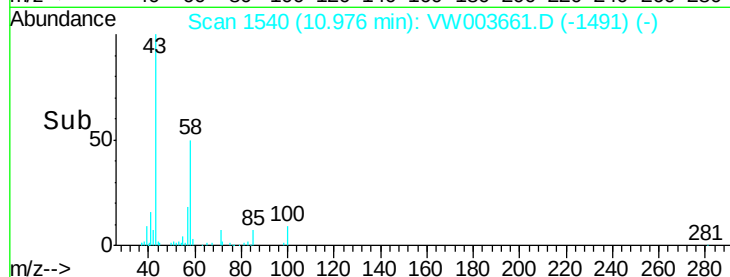
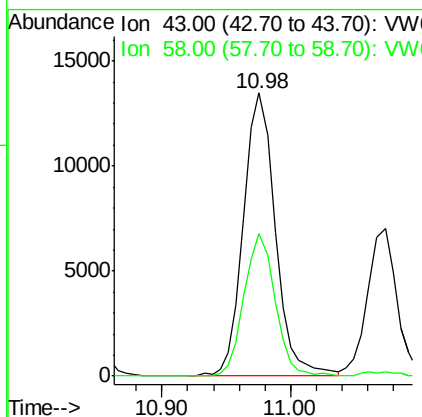
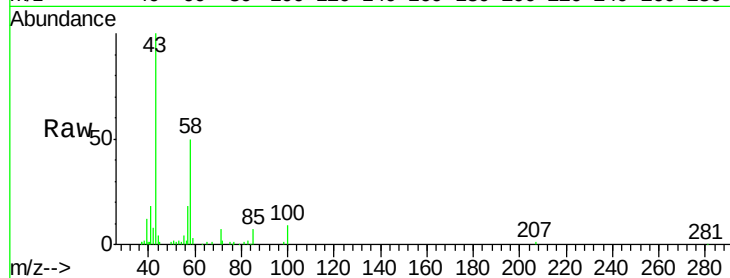




#59
2-Hexanone
Concen: 26.759 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

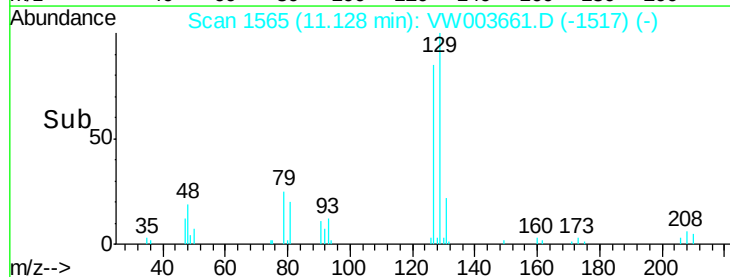
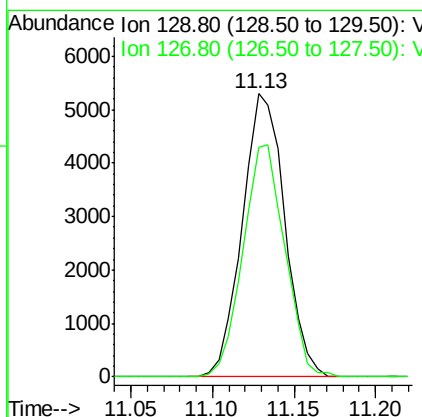
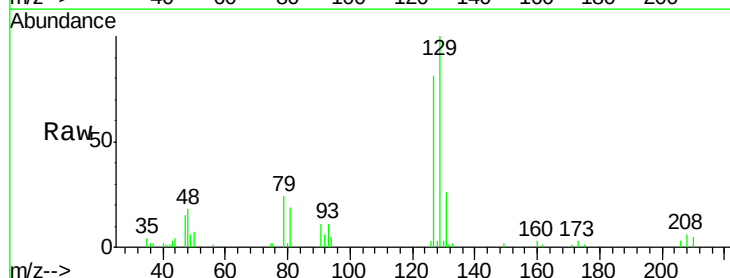
Instrument :
MSVOA_W
ClientSampleId :

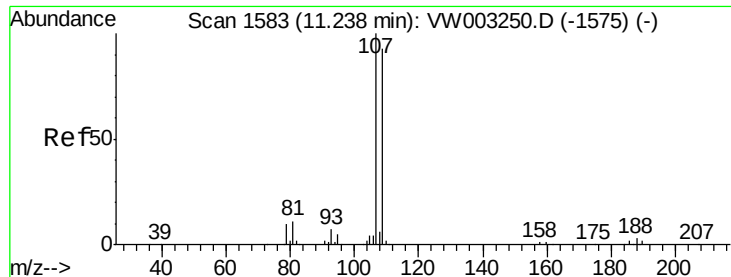
Tot Ion: 43 Resp: 23188
Ion Ratio Lower Upper
43 100
58 48.5 25.0 75.0



#60
Dibromochloromethane
Concen: 5.391 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 129 Resp: 9607
Ion Ratio Lower Upper
129 100
127 80.8 39.1 117.5





#61

1,2-Dibromoethane

Concen: 5.511 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

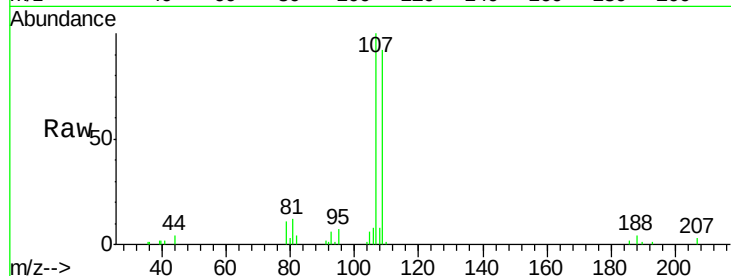
ClientSampled :

Tot Ion: 107 Resp: 7811

Ion Ratio Lower Upper

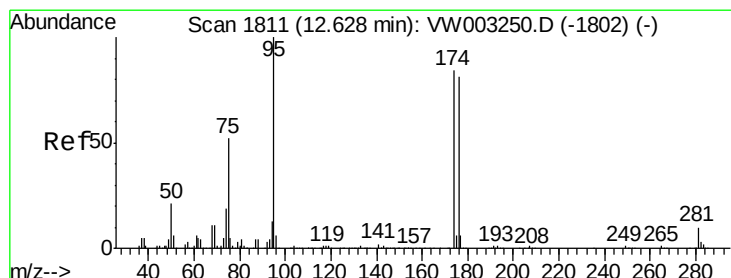
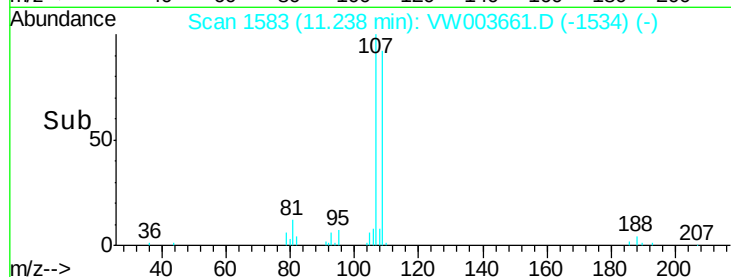
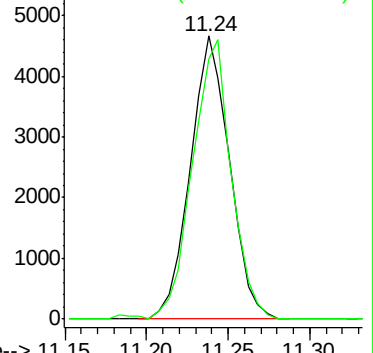
107 100

109 97.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.600 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

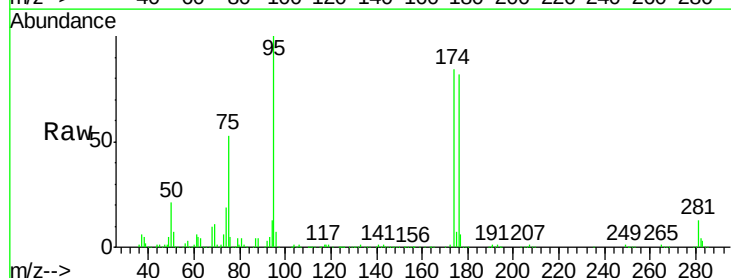
Tgt Ion: 95 Resp: 143214

Ion Ratio Lower Upper

95 100

174 81.5 0.0 166.4

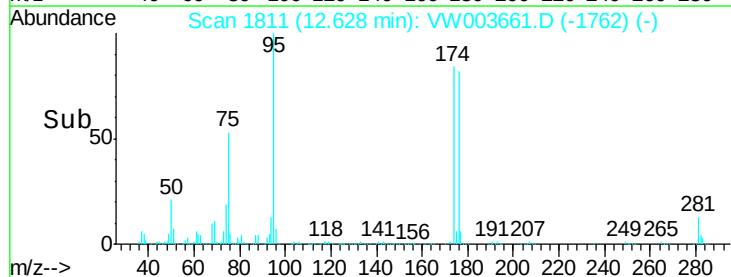
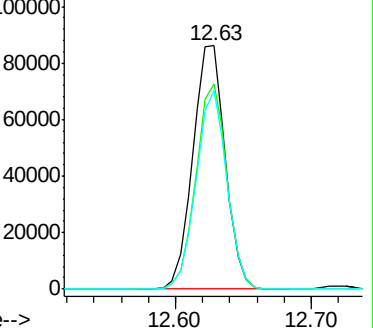
176 78.0 0.0 162.0

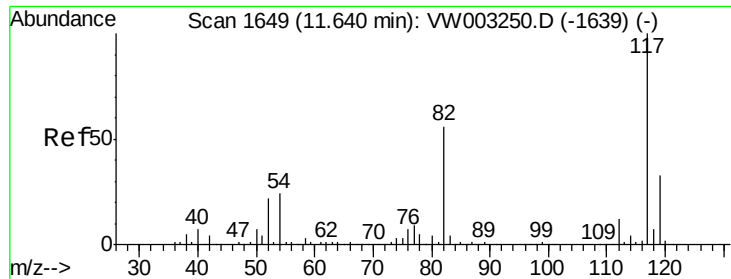


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

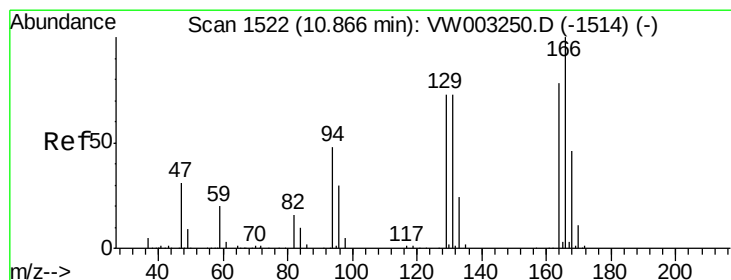
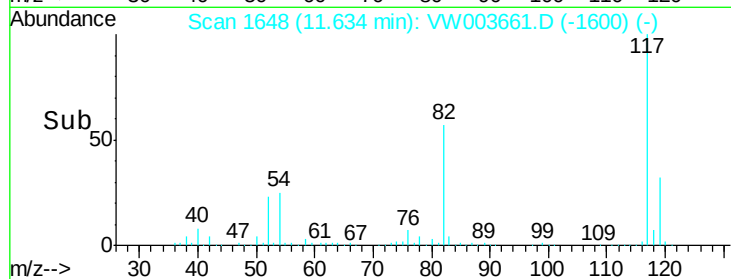
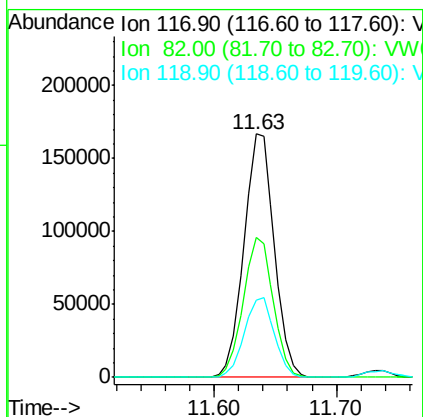
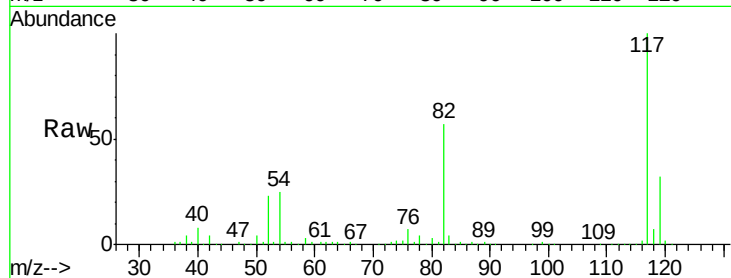




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

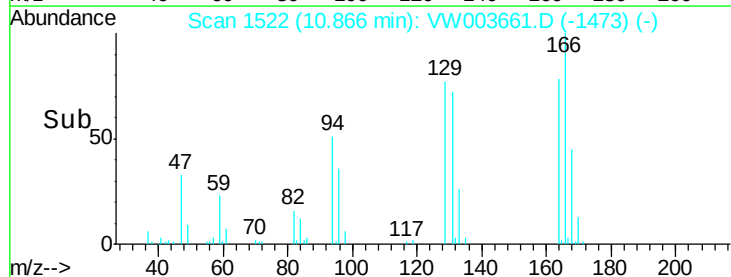
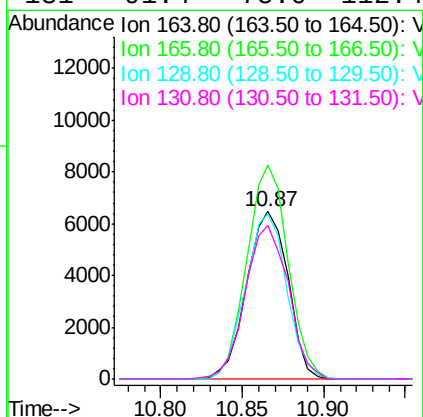
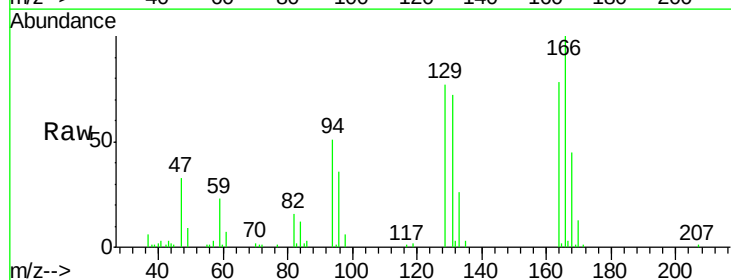
Instrument :
MSVOA_W
ClientSampled :

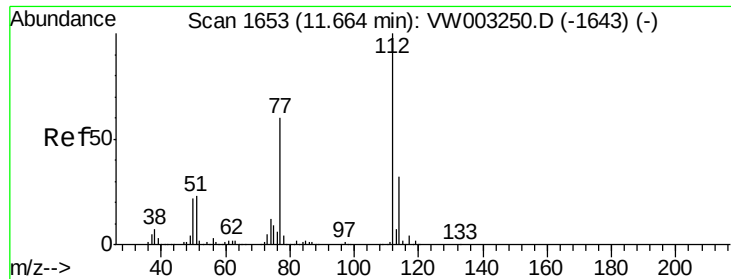
Tot Ion:117 Resp: 287077
Ion Ratio Lower Upper
117 100
82 57.3 44.6 67.0
119 31.6 26.7 40.1



#64
Tetrachloroethene
Concen: 5.949 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion:164 Resp: 11422
Ion Ratio Lower Upper
164 100
166 127.5 102.6 154.0
129 98.7 75.2 112.8
131 91.4 75.0 112.4

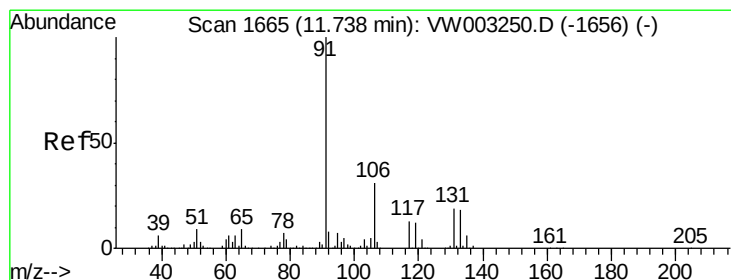
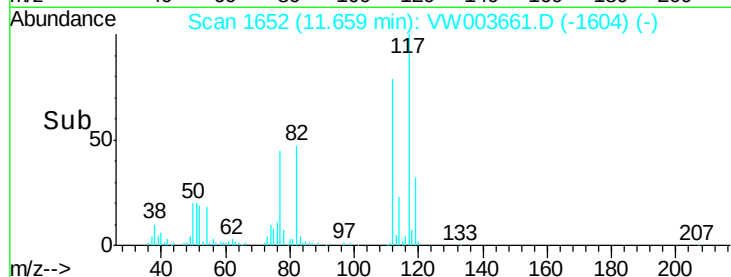
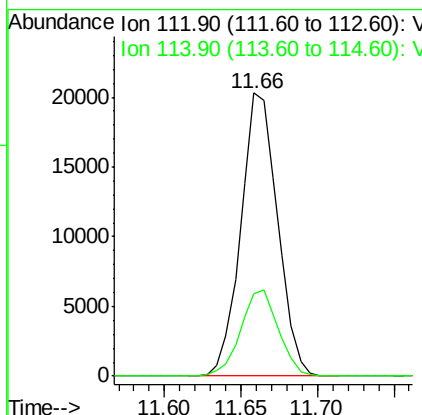
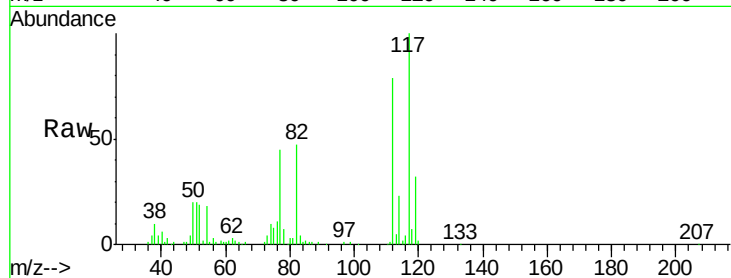




#65
Chlorobenzene
Concen: 5.658 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

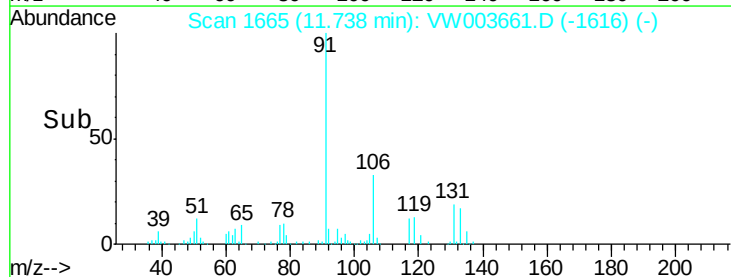
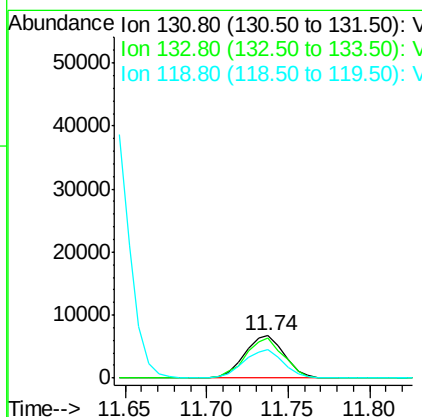
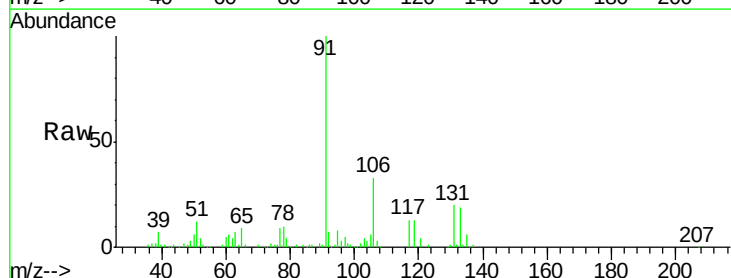
Instrument :
MSVOA_W
ClientSampleId :

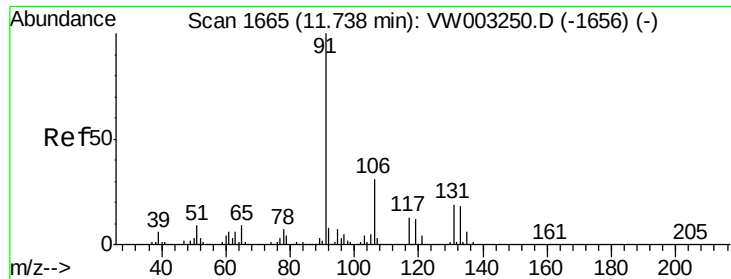
Tot Ion:112 Resp: 33824
Ion Ratio Lower Upper
112 100
114 29.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.456 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion:131 Resp: 11463
Ion Ratio Lower Upper
131 100
133 91.6 47.3 142.0
119 67.0 32.5 97.4

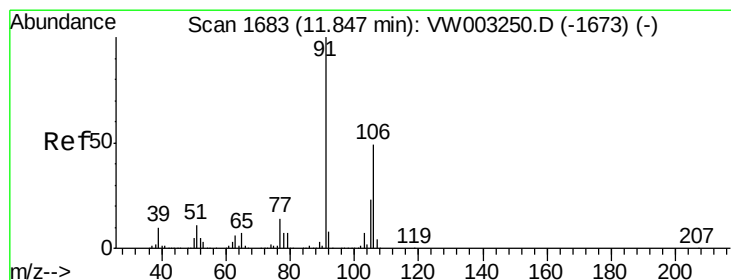
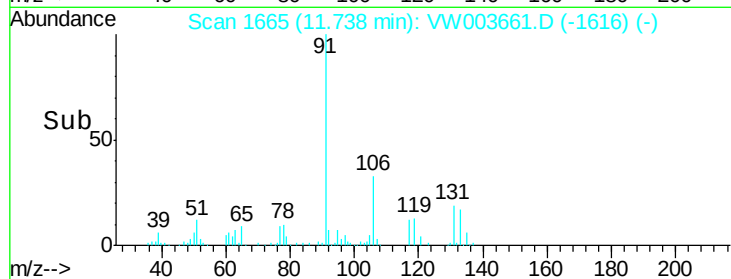
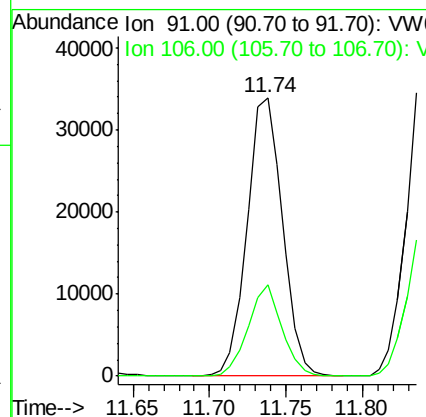
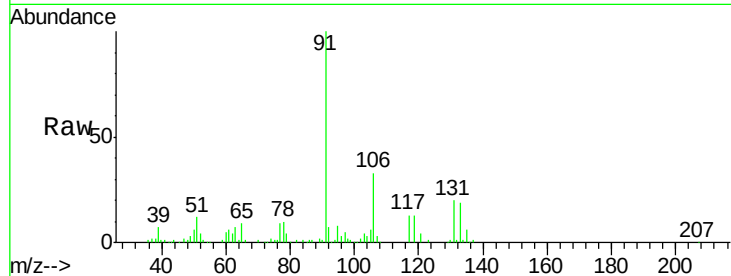




#67
Ethyl Benzene
Concen: 5.152 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

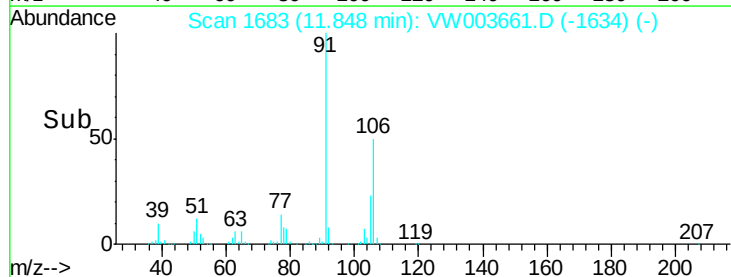
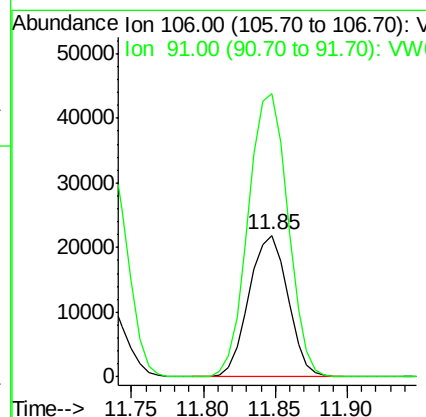
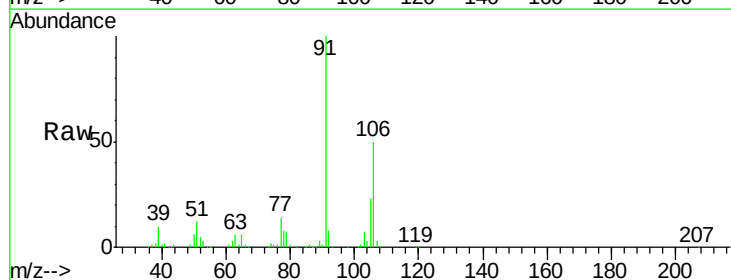
Instrument :
MSVOA_W
ClientSampleId :

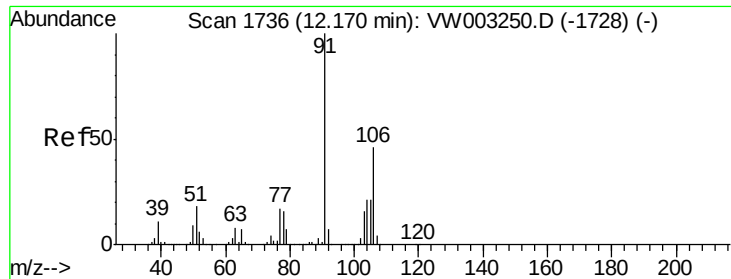
Tot Ion: 91 Resp: 54597
Ion Ratio Lower Upper
91 100
106 32.8 24.7 37.1



#68
m/p-Xylenes
Concen: 10.185 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 106 Resp: 41029
Ion Ratio Lower Upper
106 100
91 204.2 165.4 248.0

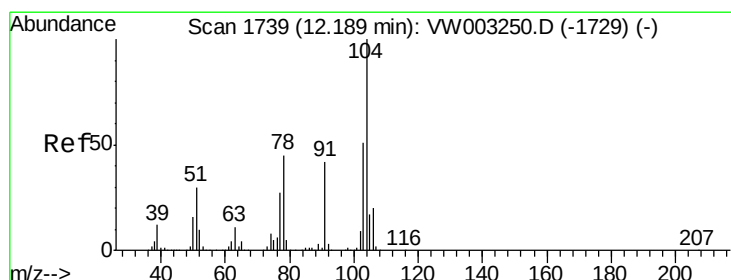
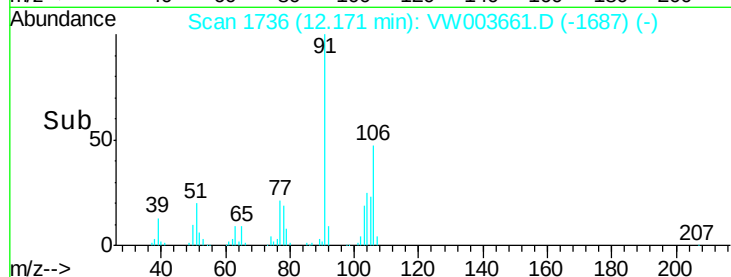
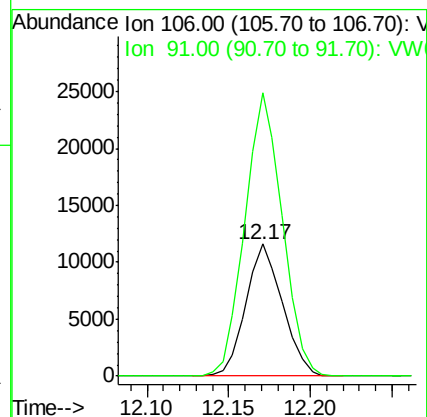
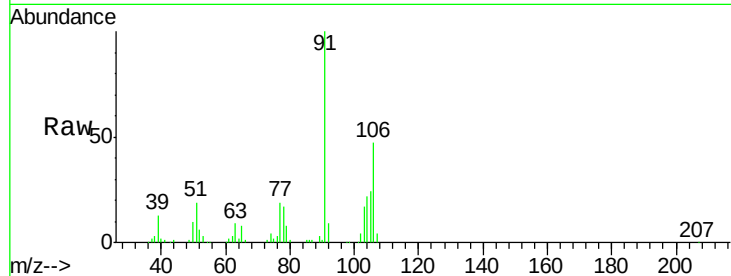




#69
o-Xylene
Concen: 4.883 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

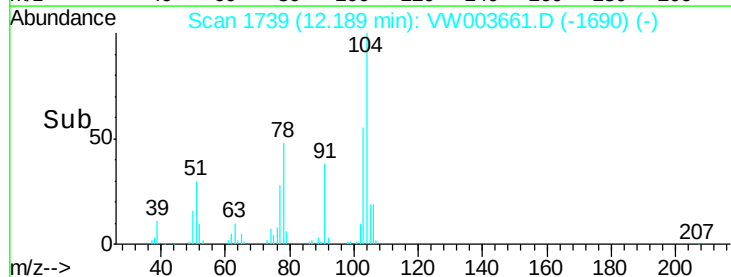
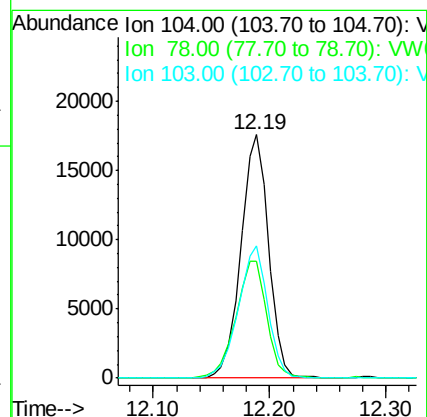
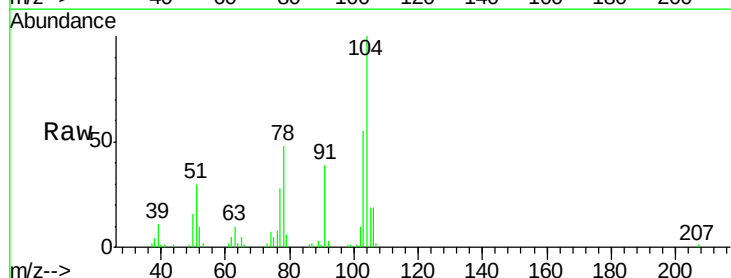
Instrument :
MSVOA_W
ClientSampled :

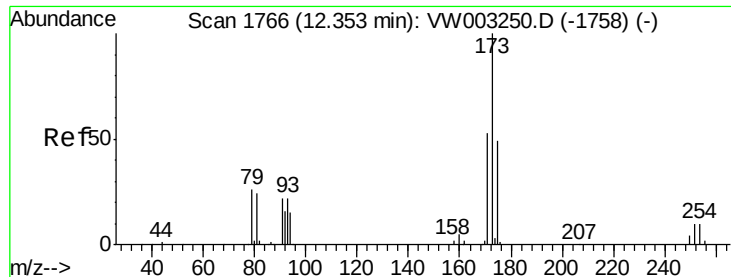
Tot Ion:106 Resp: 18229
Ion Ratio Lower Upper
106 100
91 217.9 108.6 325.6



#70
Styrene
Concen: 4.686 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion:104 Resp: 29118
Ion Ratio Lower Upper
104 100
78 53.4 41.3 61.9
103 58.0 45.0 67.4

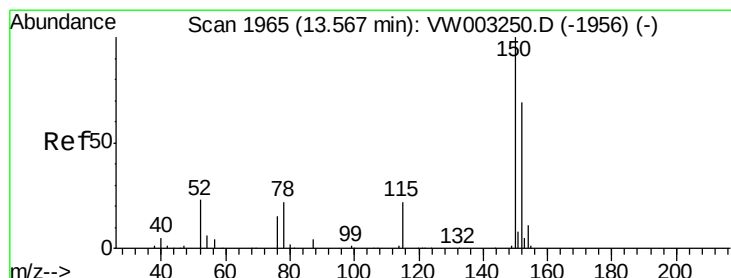
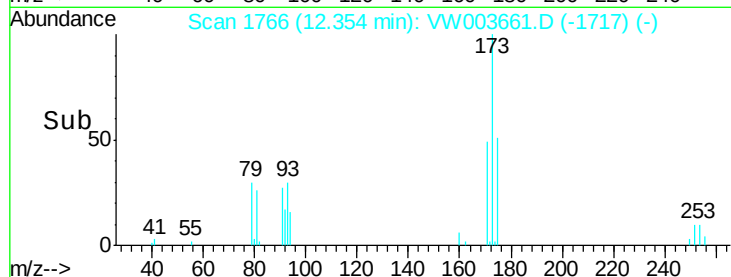
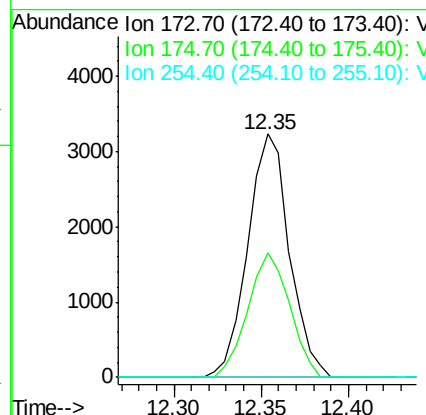
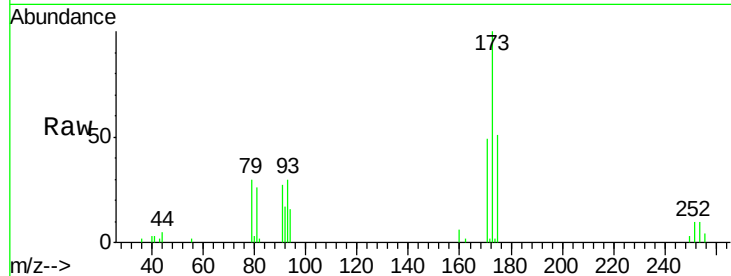




#71
Bromoform
Concen: 4.905 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

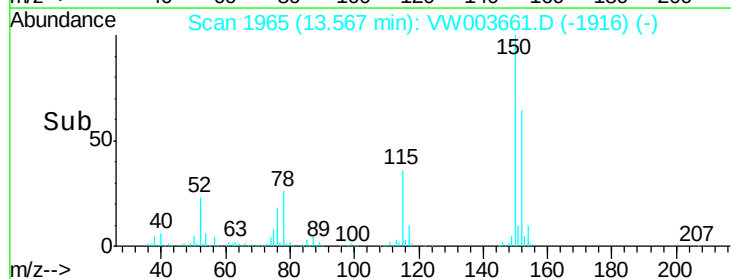
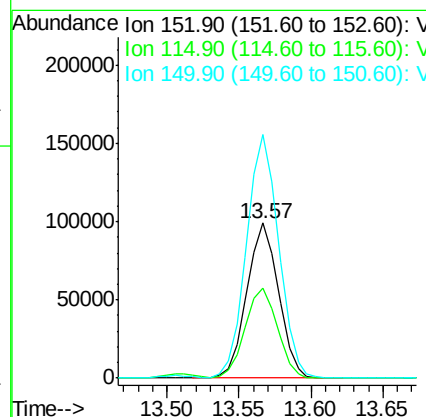
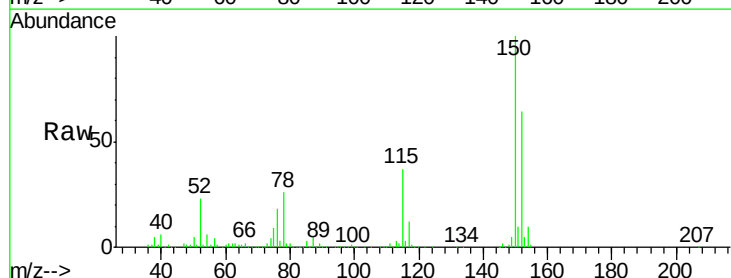
Instrument :
MSVOA_W
ClientSampleId :

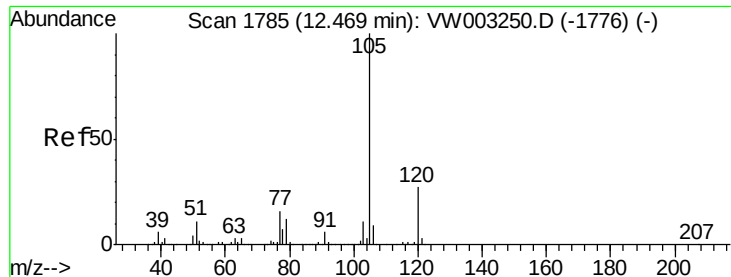
Tot Ion:173 Resp: 5340
Ion Ratio Lower Upper
173 100
175 51.2 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion:152 Resp: 150728
Ion Ratio Lower Upper
152 100
115 59.5 29.3 88.0
150 159.7 0.0 349.6





#73

Isopropylbenzene

Concen: 4.733 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

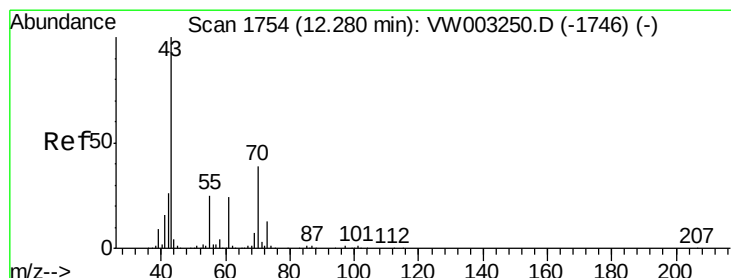
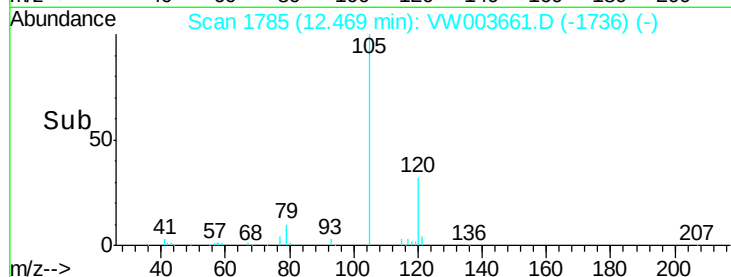
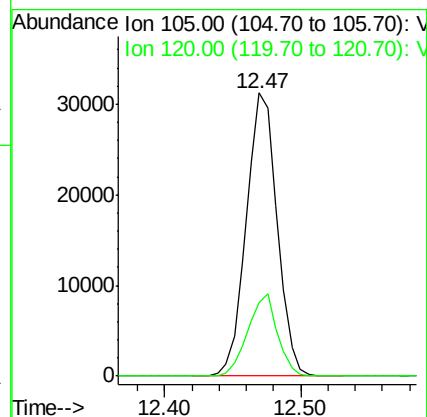
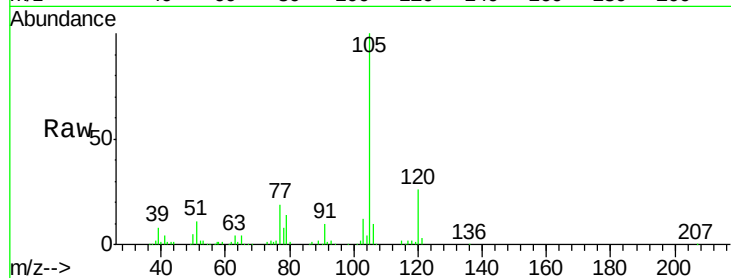
ClientSampleId :

Tot Ion:105 Resp: 49623

Ion Ratio Lower Upper

105 100

120 27.7 13.2 39.6



#74

N-ethyl acetate

Concen: 4.927 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion: 43 Resp: 11756

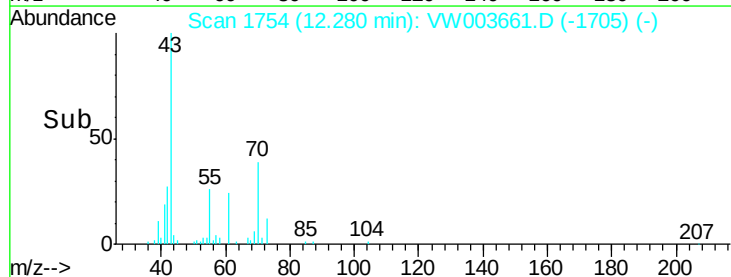
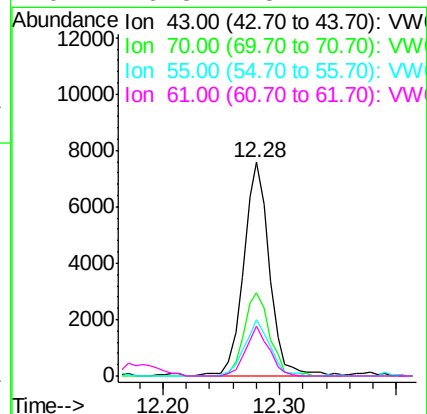
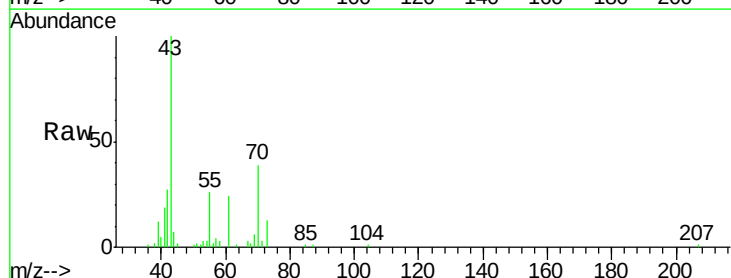
Ion Ratio Lower Upper

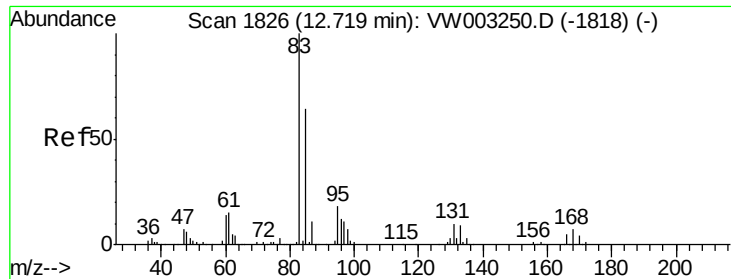
43 100

70 38.2 31.0 46.6

55 25.8 19.7 29.5

61 20.8 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.916 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampled :

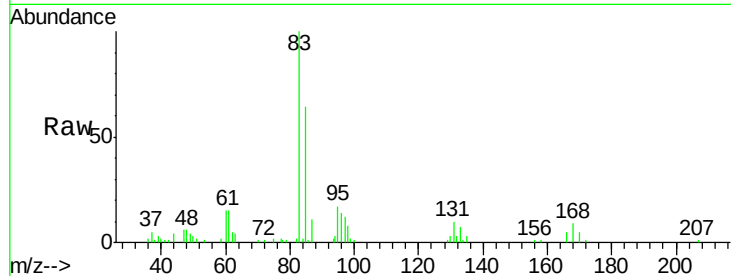
Tot Ion: 83 Resp: 10493

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

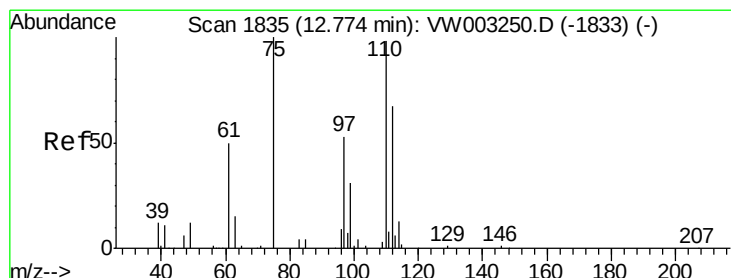
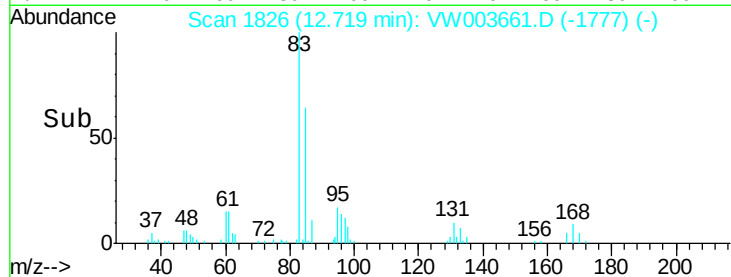
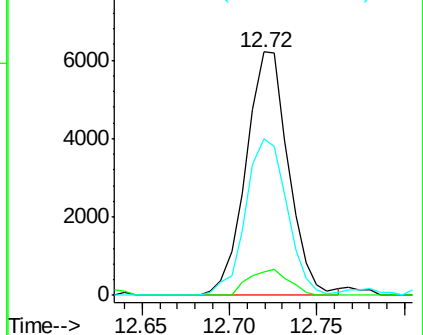
85 63.1 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 10.448 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003661.D

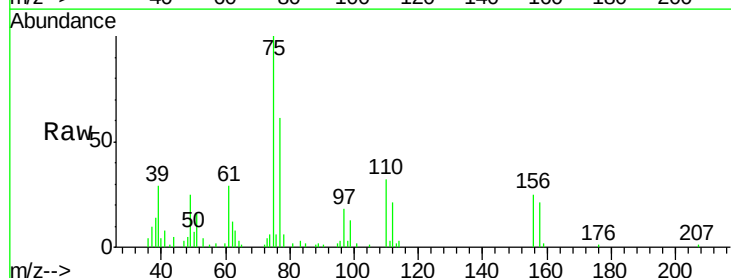
Acq: 29 Jun 2018 15:32

Tgt Ion: 75 Resp: 13463

Ion Ratio Lower Upper

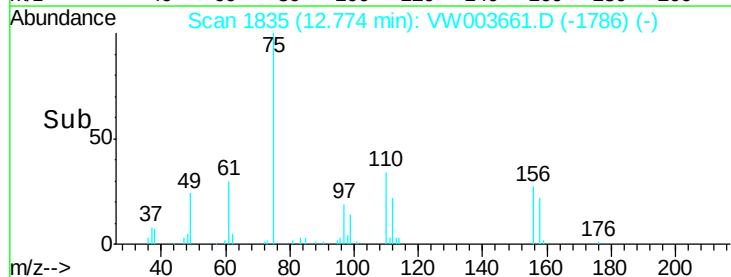
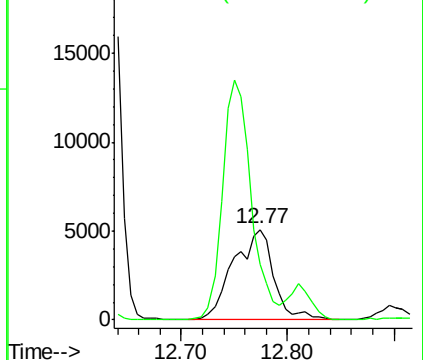
75 100

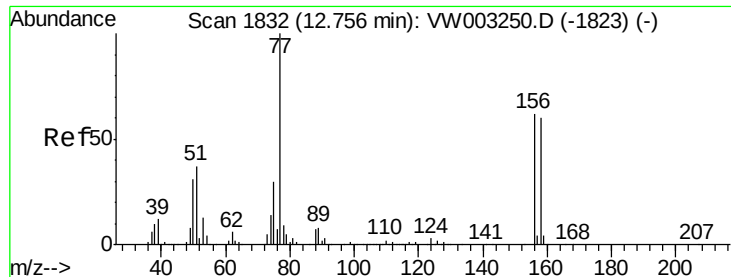
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.422 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

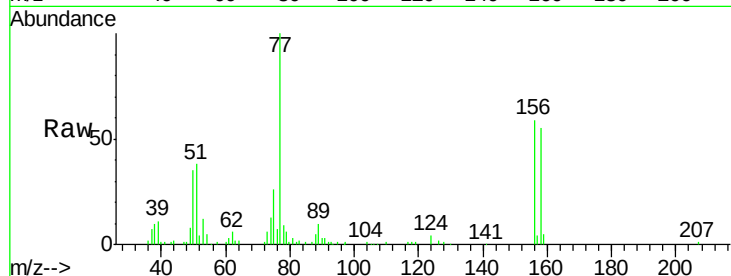
Tot Ion:156 Resp: 13239

Ion Ratio Lower Upper

156 100

77 192.7 92.3 276.9

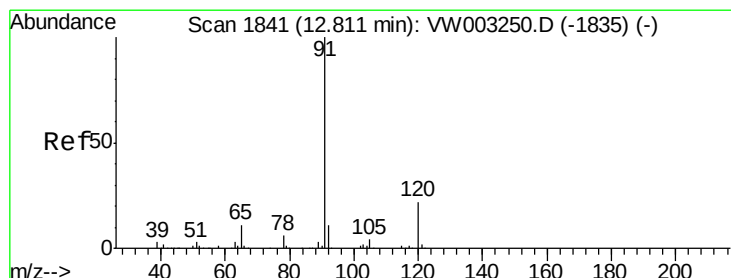
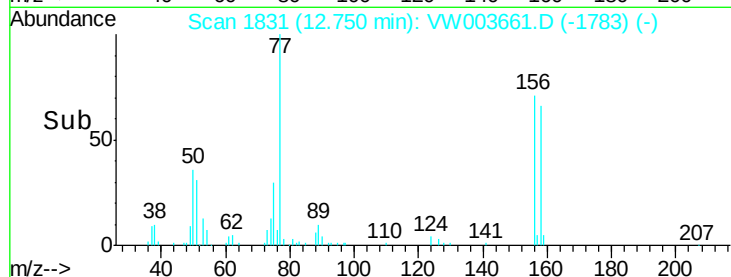
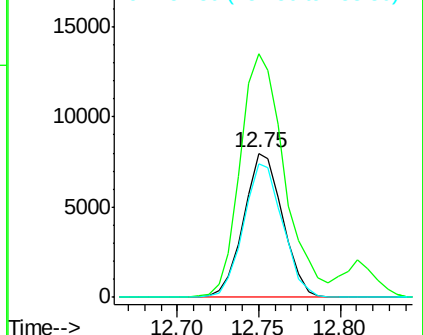
158 93.1 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.286 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003661.D

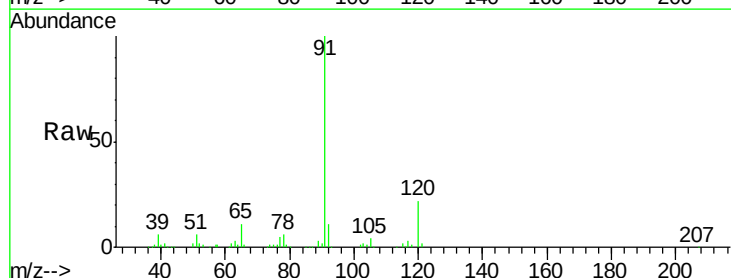
Acq: 29 Jun 2018 15:32

Tgt Ion: 91 Resp: 67853

Ion Ratio Lower Upper

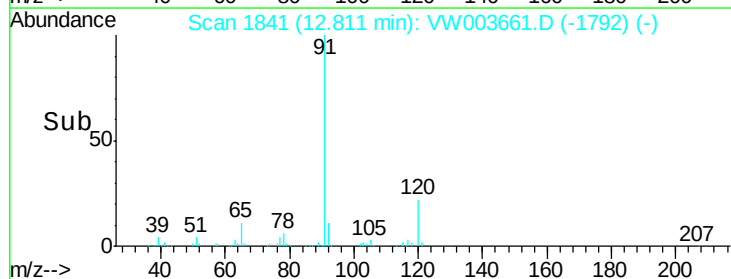
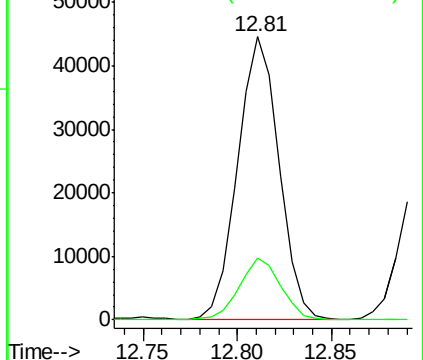
91 100

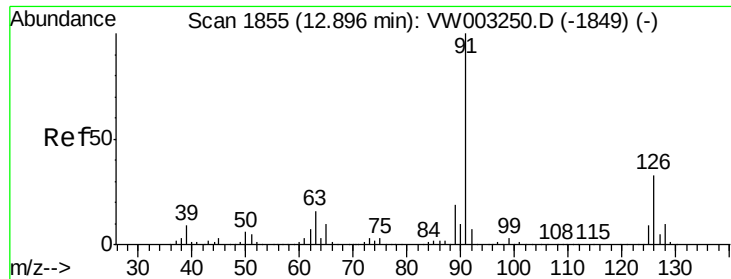
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.218 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

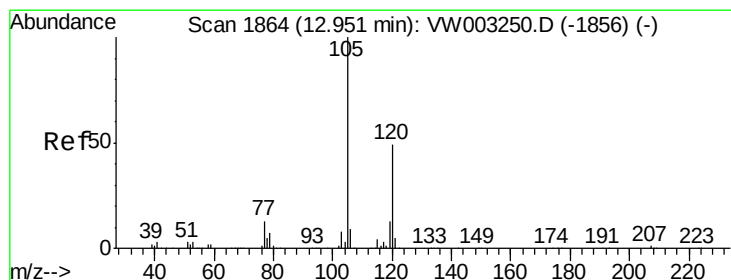
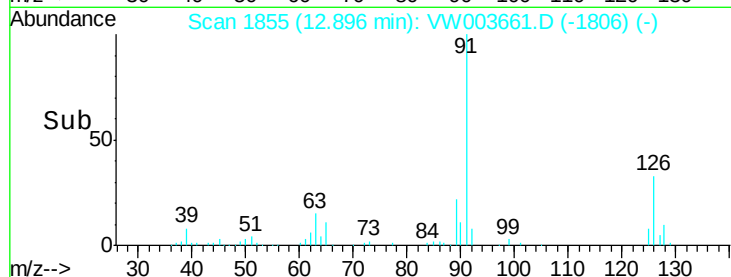
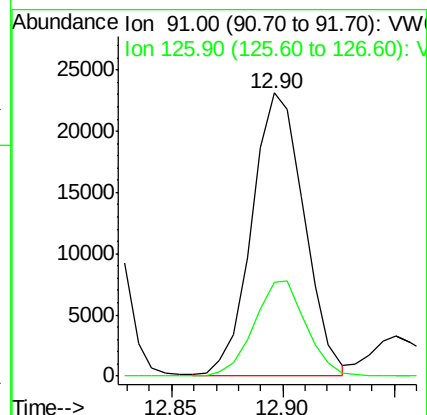
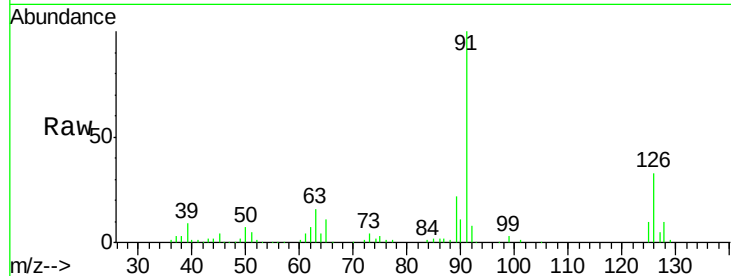
ClientSampleId :

Tot Ion: 91 Resp: 37856

Ion Ratio Lower Upper

91 100

126 33.3 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 5.066 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003661.D

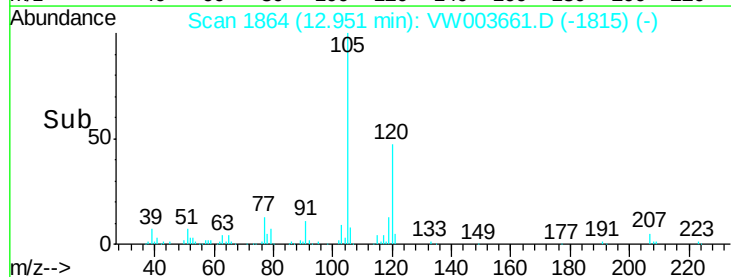
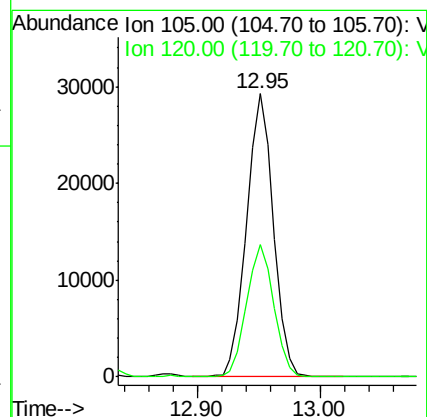
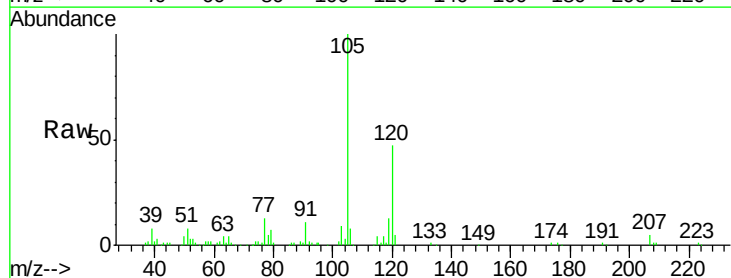
Acq: 29 Jun 2018 15:32

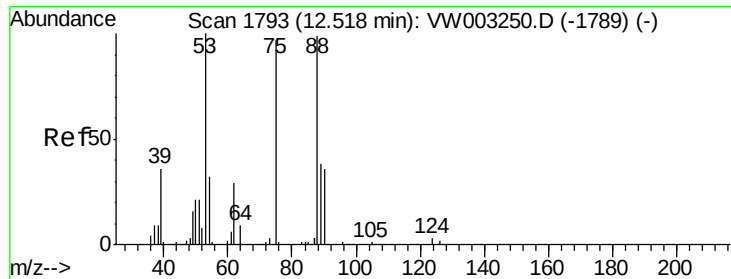
Tgt Ion:105 Resp: 44582

Ion Ratio Lower Upper

105 100

120 47.2 24.3 72.9

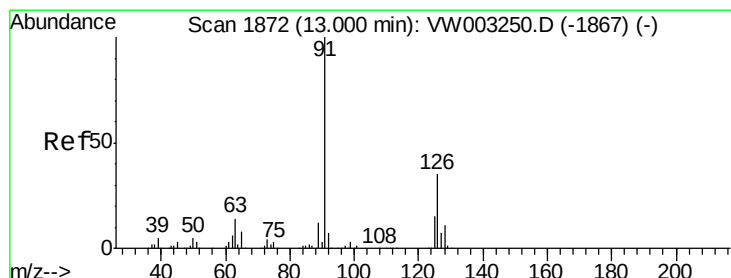
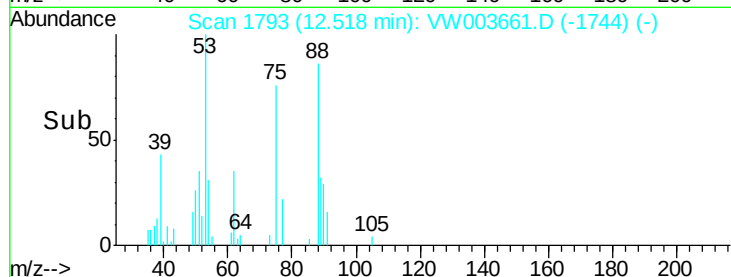
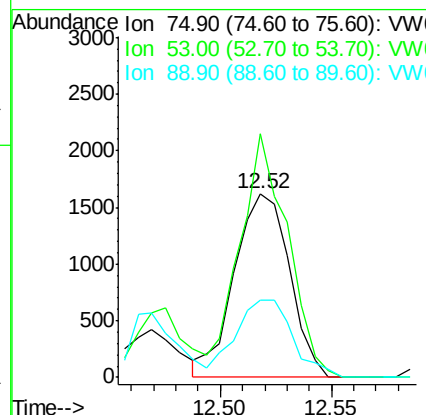
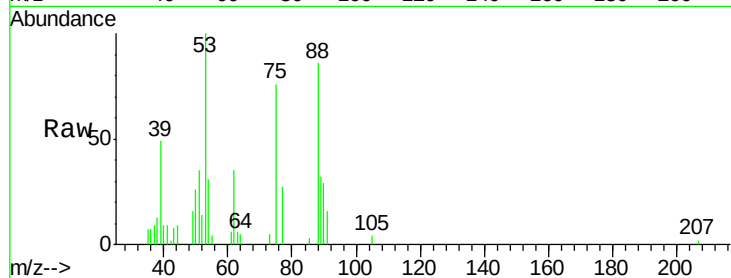




#81
trans-1,4-Dichloro-2-butene
Concen: 4.986 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

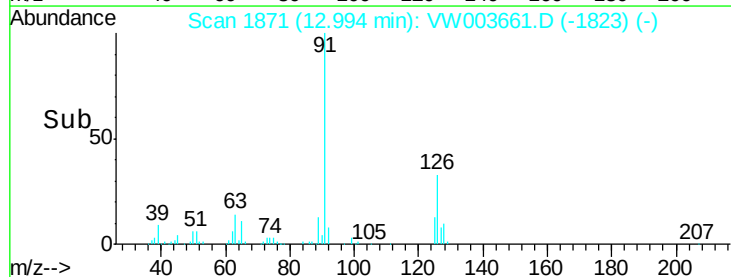
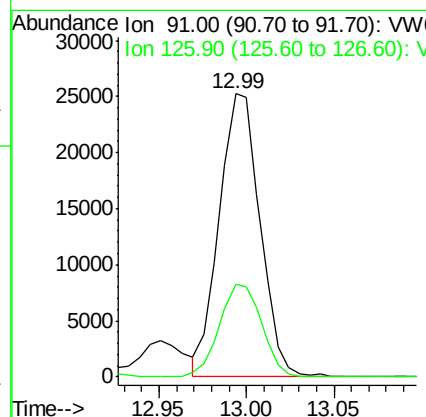
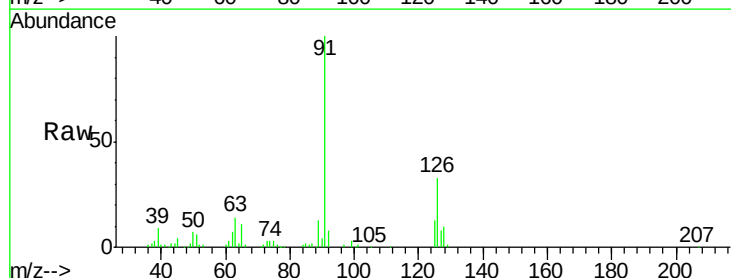
Instrument :
MSVOA_W
ClientSampleId :

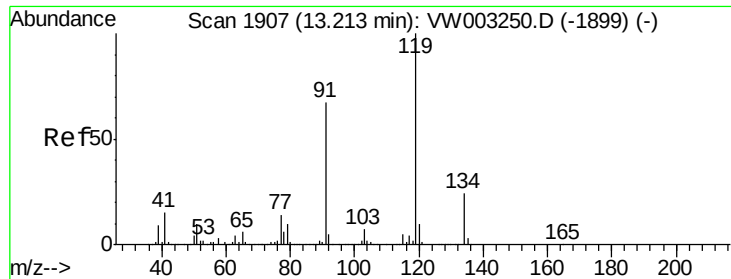
Tot Ion: 75 Resp: 2792
Ion Ratio Lower Upper
75 100
53 114.7 82.9 124.3
89 43.9 36.7 55.1



#82
4-Chlorotoluene
Concen: 5.319 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 91 Resp: 40932
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.3

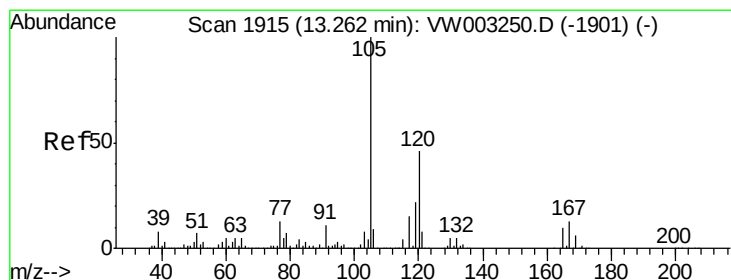
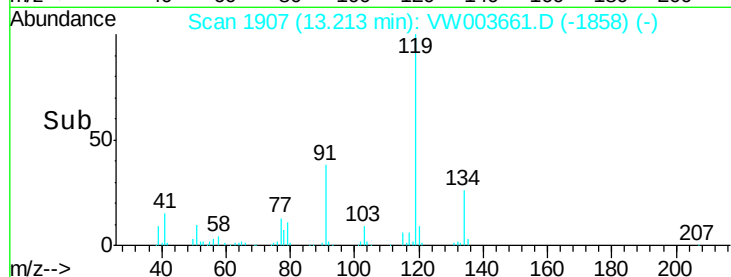
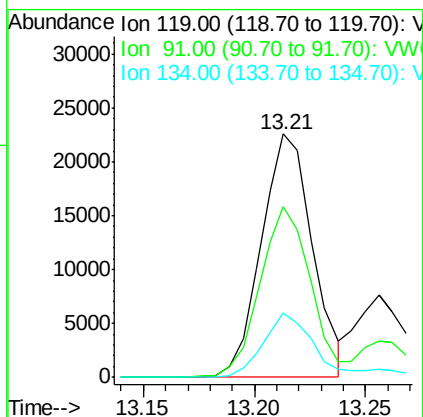
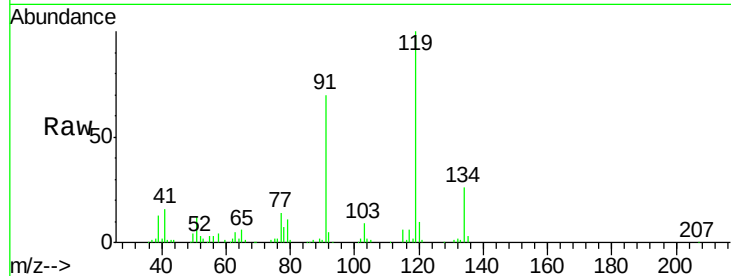




#83
tert-Butylbenzene
Concen: 4.784 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

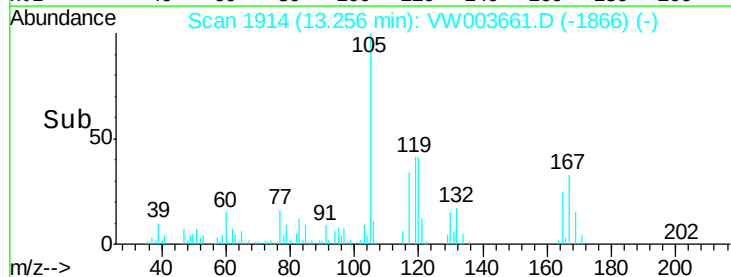
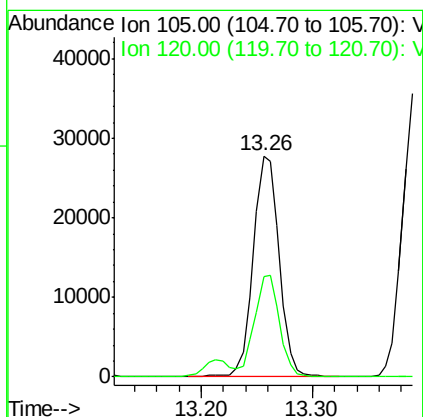
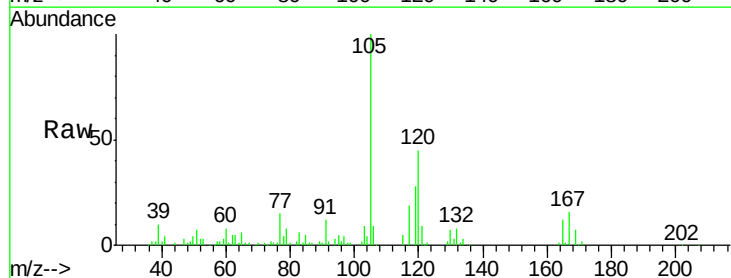
Instrument :
MSVOA_W
ClientSampled :

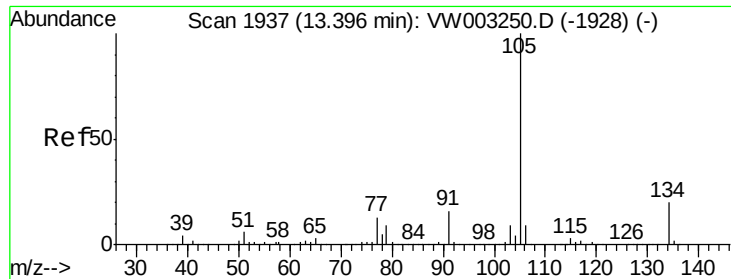
Tot Ion:119 Resp: 35875
Ion Ratio Lower Upper
119 100
91 70.6 33.9 101.7
134 25.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 4.995 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion:105 Resp: 45212
Ion Ratio Lower Upper
105 100
120 44.3 22.5 67.5

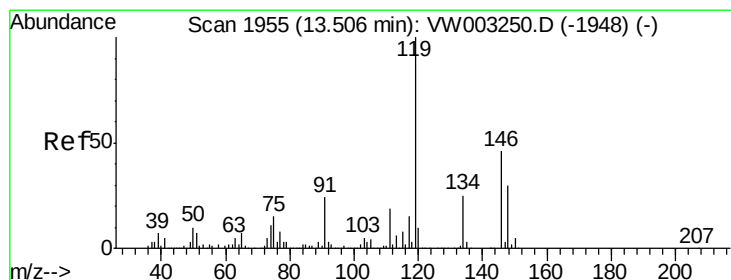
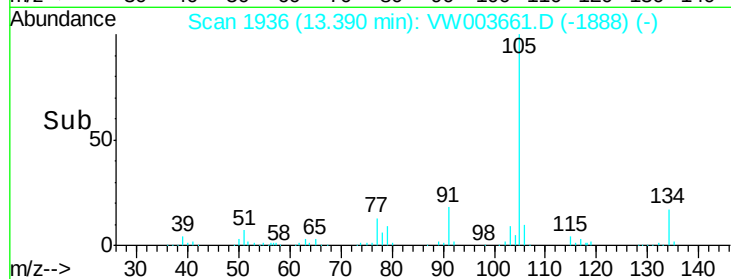
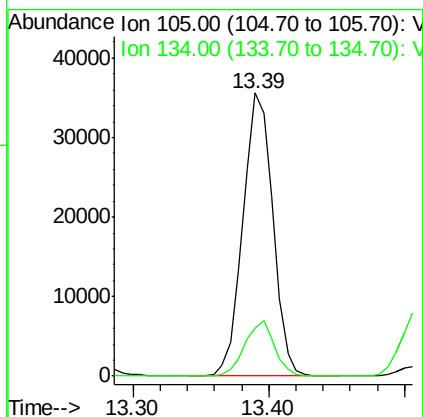
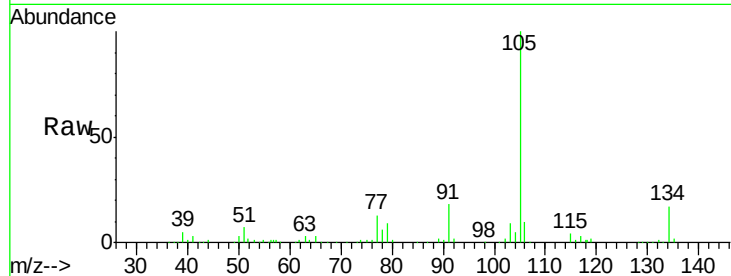




#85
 sec-Butylbenzene
 Concen: 4.929 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

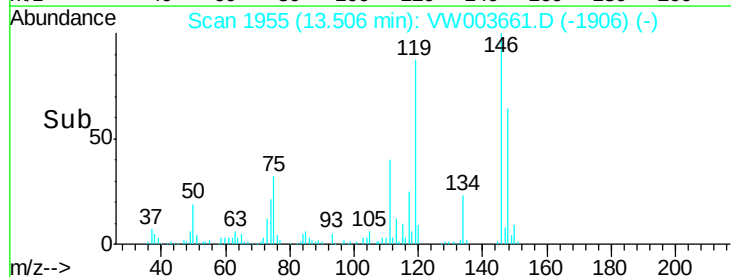
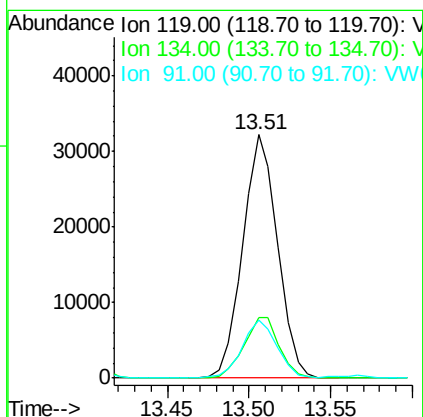
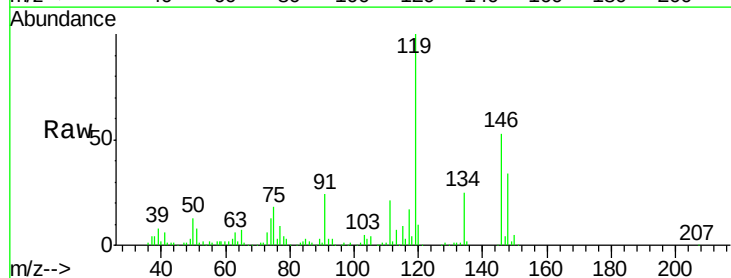
Instrument :
 MSVOA_W
 ClientSampleId :

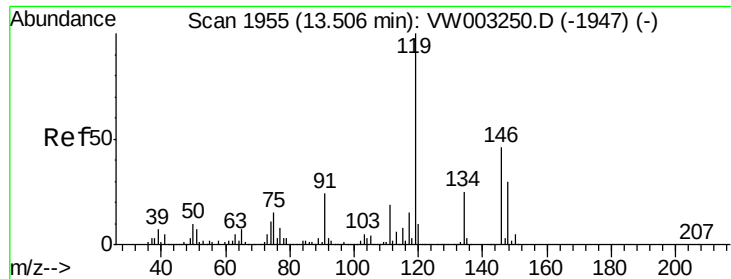
Tot Ion:105 Resp: 54944
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 4.872 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion:119 Resp: 47899
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 24.0 11.8 35.3

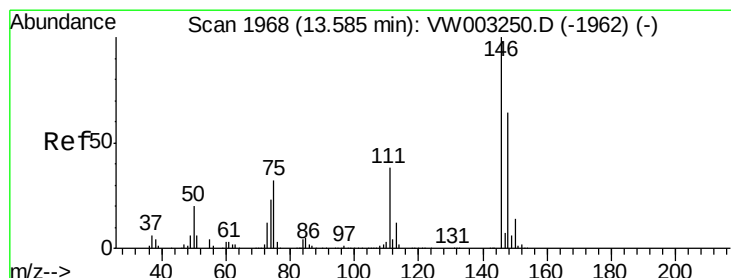
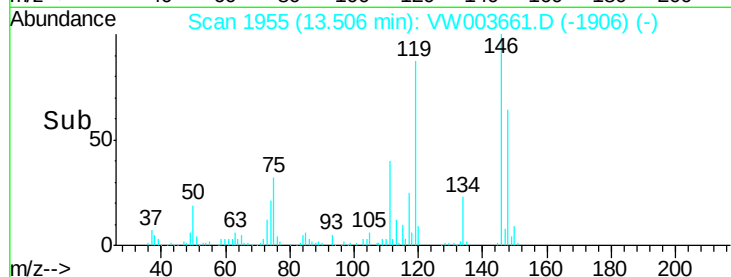
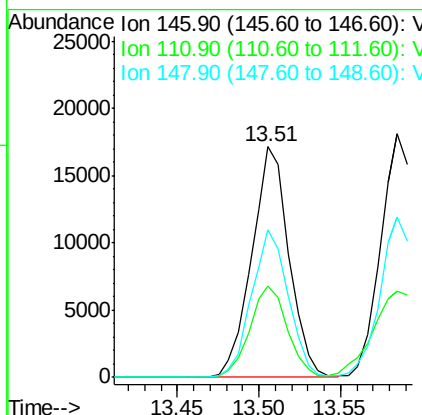
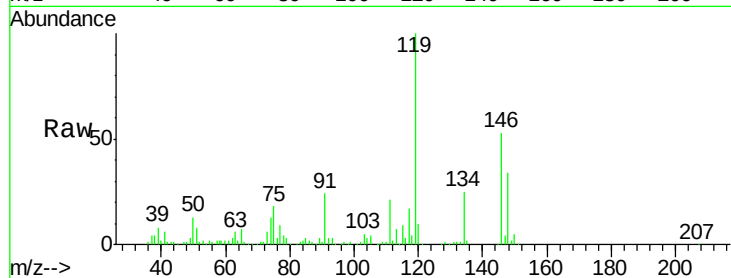




#87
 1,3-Dichlorobenzene
 Concen: 5.415 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

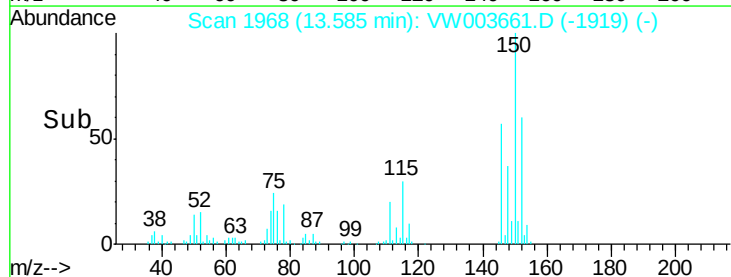
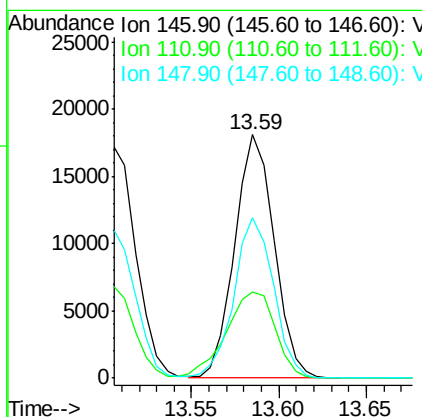
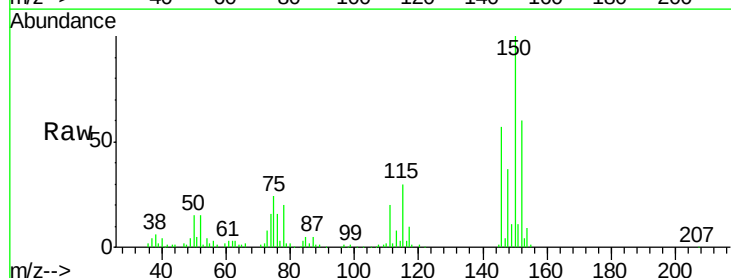
Instrument :
 MSVOA_W
 ClientSampled :

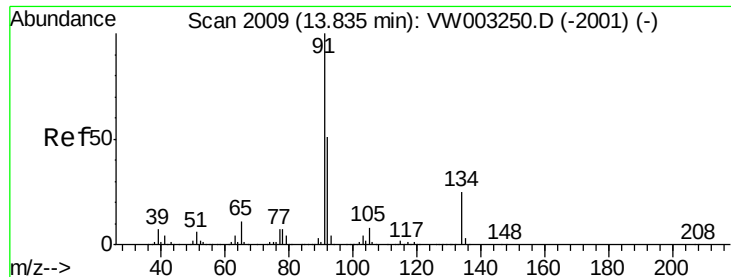
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	63.0	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 5.694 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	19.2	57.6
148	66.7	31.8	95.4

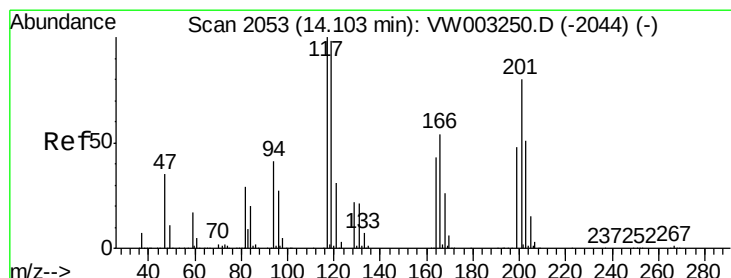
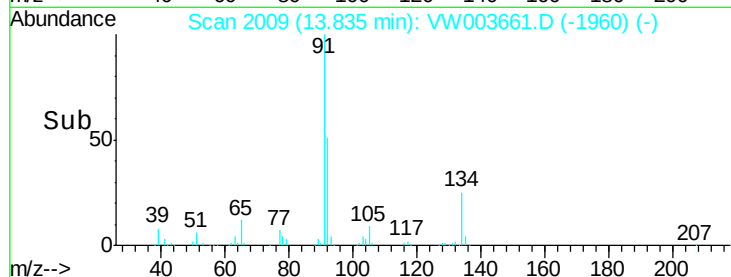
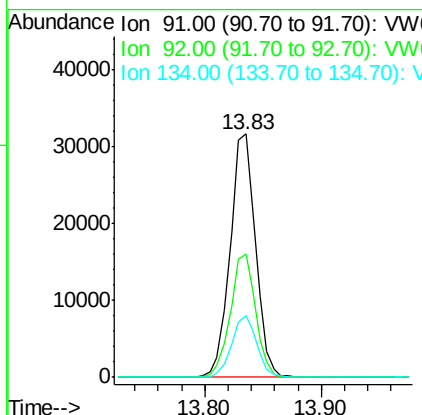
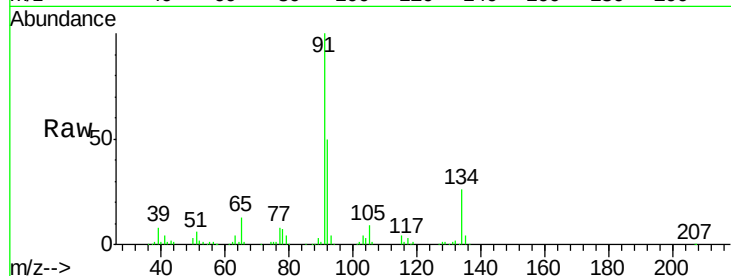




#89
n-Butylbenzene
Concen: 5.039 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

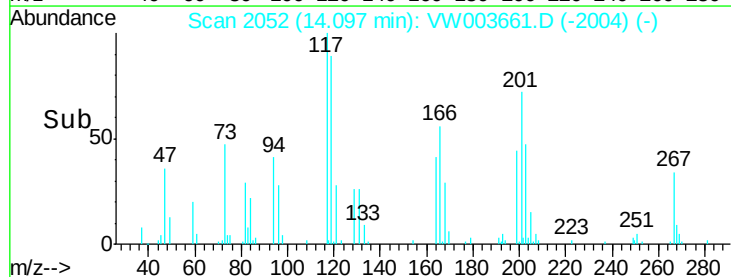
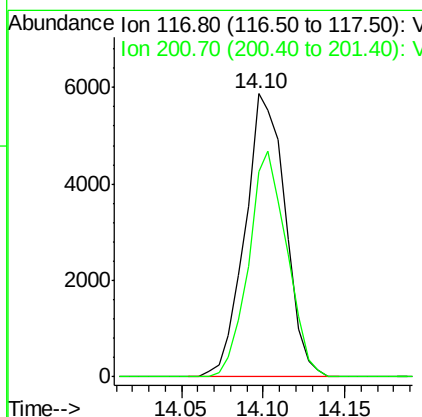
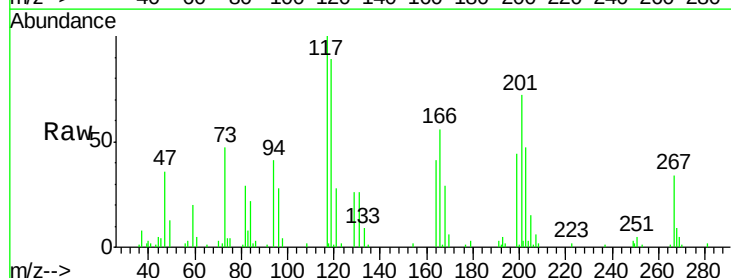
Instrument :
MSVOA_W
ClientSampleId :

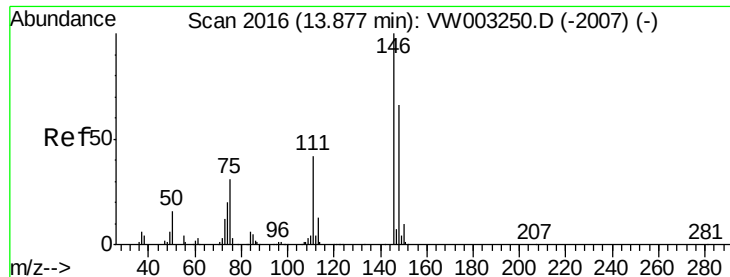
Tot Ion: 91 Resp: 48291
Ion Ratio Lower Upper
91 100
92 50.1 26.0 78.0
134 24.8 12.7 38.0



#90
Hexachloroethane
Concen: 5.652 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 117 Resp: 10052
Ion Ratio Lower Upper
117 100
201 75.9 39.5 118.5

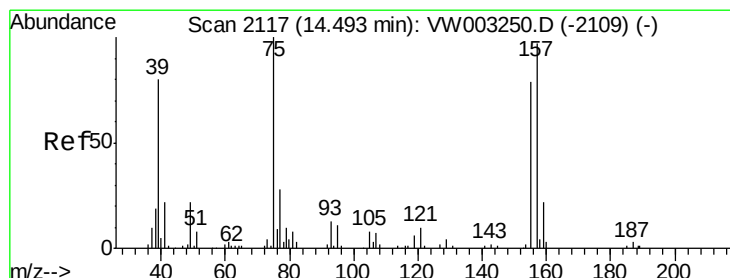
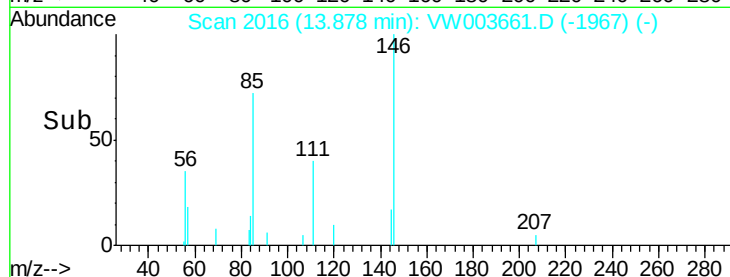
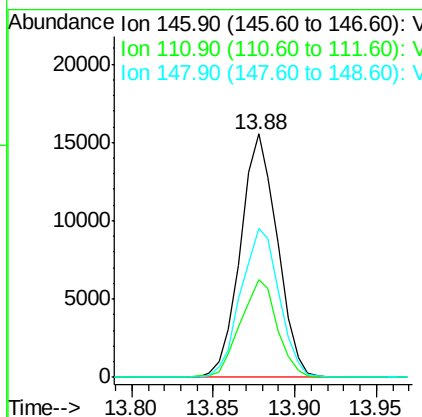
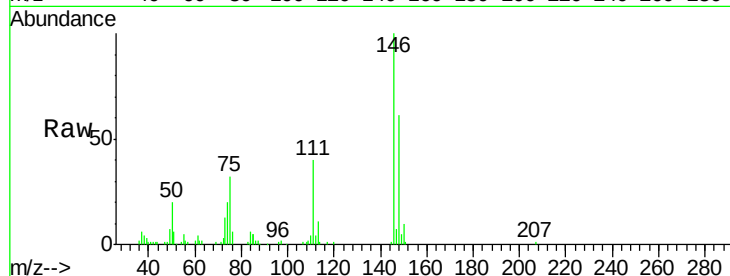




#91
 1,2-Dichlorobenzene
 Concen: 5.569 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

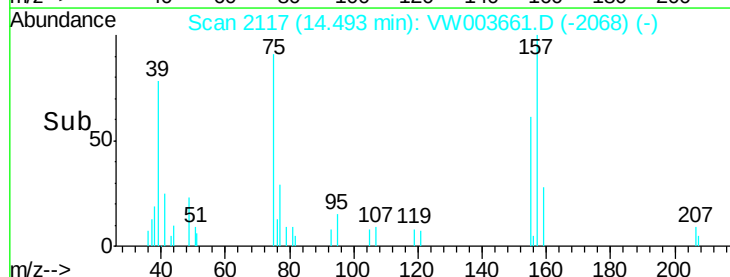
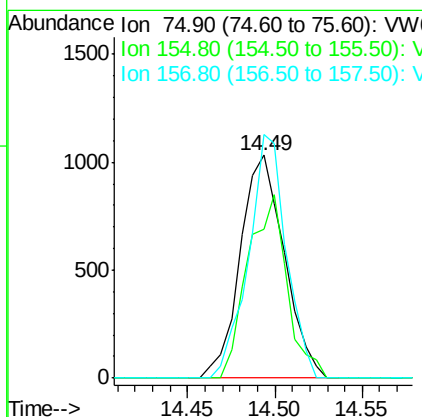
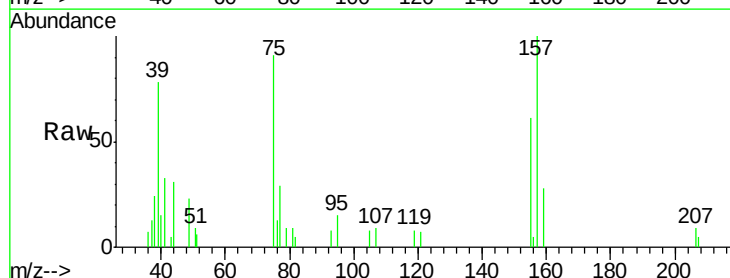
Instrument :
 MSVOA_W
 ClientSampleId :

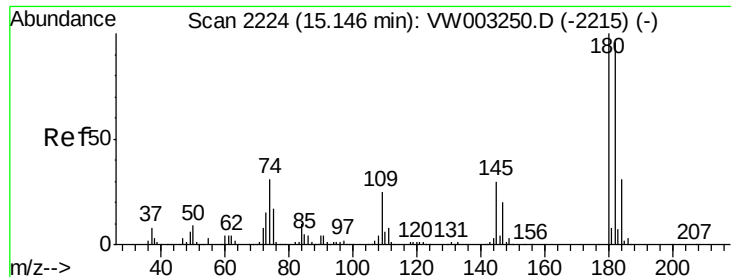
Tot Ion:146 Resp: 24468
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 61.0
 148 63.6 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.104 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion: 75 Resp: 1822
 Ion Ratio Lower Upper
 75 100
 155 73.7 39.4 118.2
 157 93.2 51.5 154.5

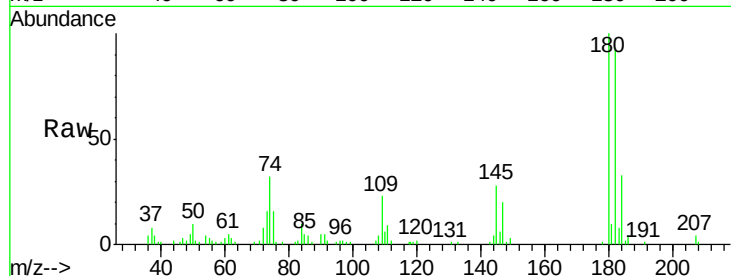




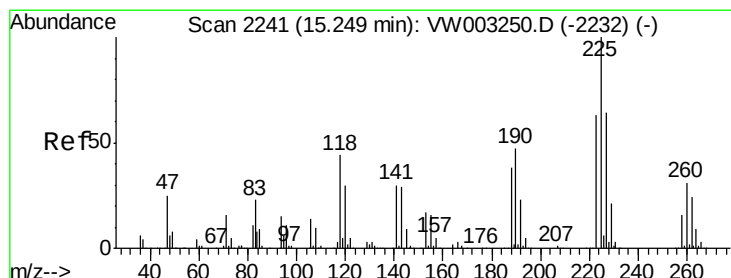
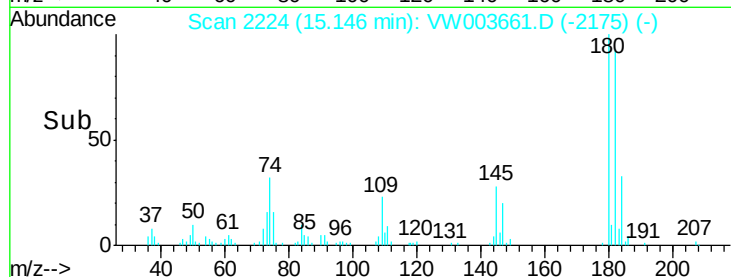
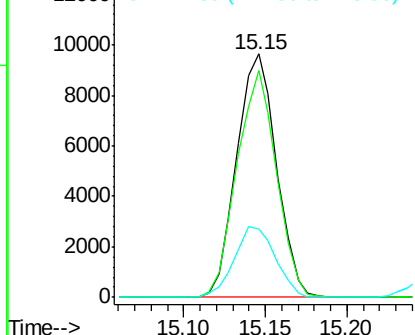
#93
1,2,4-Trichlorobenzene
Concen: 5.303 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:180 Resp: 16357
Ion Ratio Lower Upper
180 100
182 92.7 47.9 143.6
145 29.9 15.2 45.5

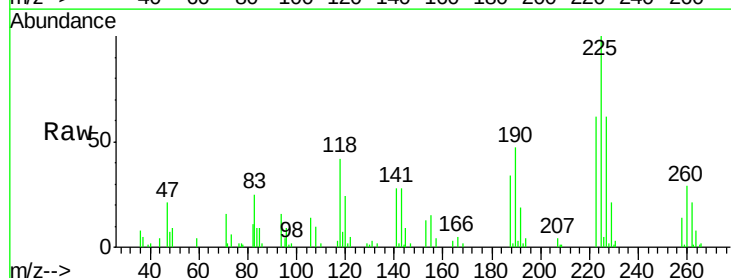


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

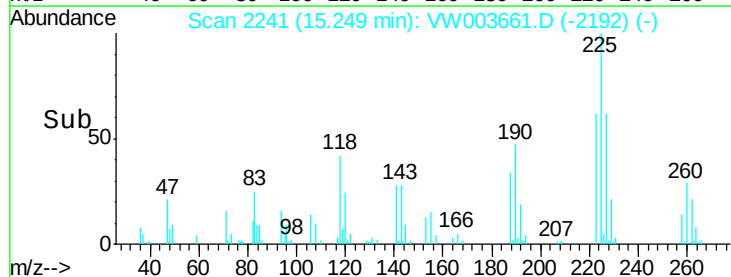
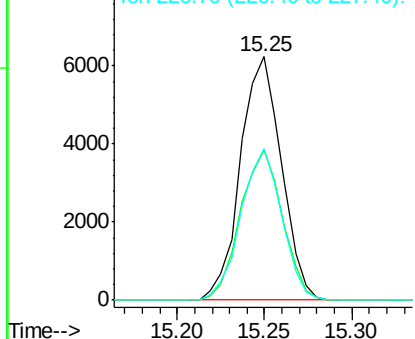


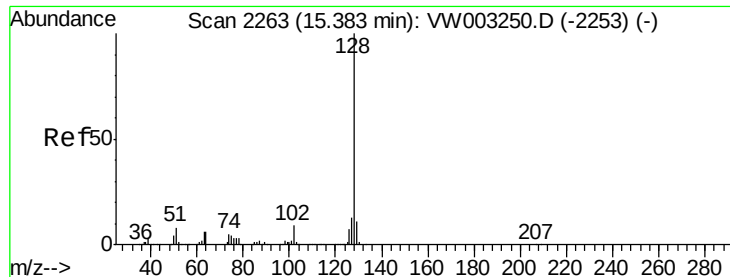
#94
Hexachlorobutadiene
Concen: 5.480 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion:225 Resp: 10167
Ion Ratio Lower Upper
225 100
223 63.1 30.6 92.0
227 62.0 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

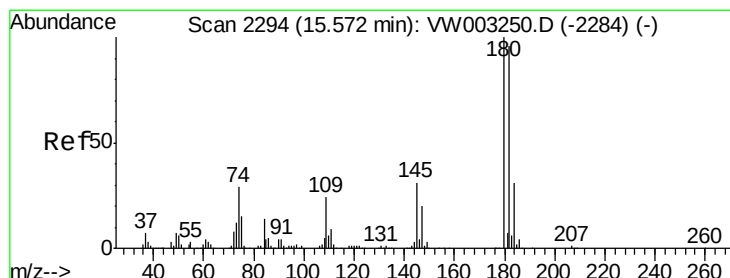
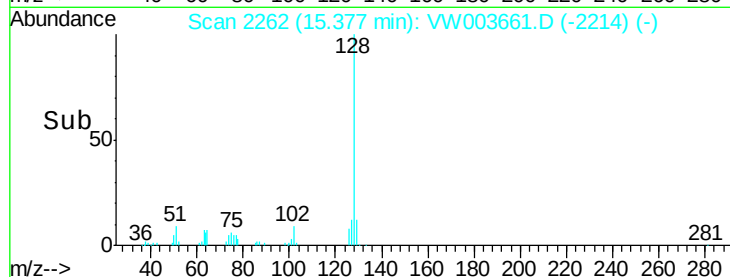
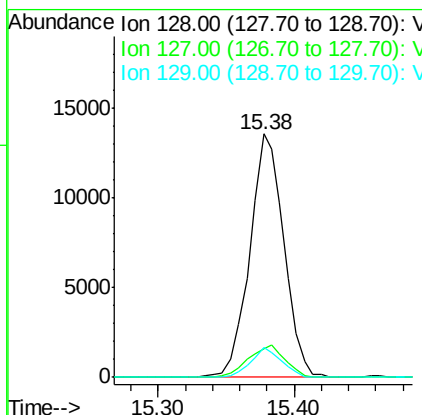
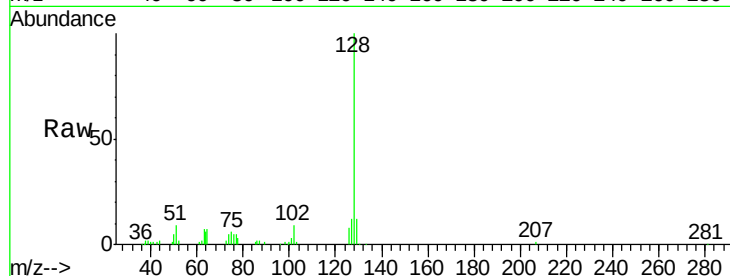




#95
Naphthalene
Concen: 4.540 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 23752
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 5.153 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion:180 Resp: 13989
Ion Ratio Lower Upper
180 100
182 99.2 47.9 143.6
145 33.8 15.8 47.4

