

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003666.D
 Acq On : 29 Jun 2018 17:41
 Operator : SY/AP
 Sample : J3762-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:42:03 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	183437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	300346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	142478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	115918	58.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.68%	
35) Dibromofluoromethane	7.88	113	99174	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
50) Toluene-d8	10.33	98	378331	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.62	95	131918	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	1865	3.363	ug/l	85
3) Chloromethane	2.20	50	3708	2.646	ug/l	97
4) Vinyl Chloride	2.36	62	5165	2.529	ug/l	99
5) Bromomethane	2.78	94	3362	2.476	ug/l	91
6) Chloroethane	2.92	64	3083	2.168	ug/l	96
7) Trichlorofluoromethane	3.25	101	2869	2.345	ug/l	95
8) Diethyl Ether	3.67	74	2789	3.103	ug/l #	30
9) 1,1,2-Trichlorotrifluoroet	4.06	101	4344	2.556	ug/l	97
10) Methyl Iodide	4.26	142	6027	2.345	ug/l #	64
11) Tert butyl alcohol	5.20	59	900	8.446	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	3951	2.379	ug/l	91
13) Acrolein	3.90	56	1213	7.962	ug/l #	77
14) Allyl chloride	4.66	41	7048	2.450	ug/l	96
15) Acrylonitrile	5.38	53	4693	12.689	ug/l	96
16) Acetone	4.13	43	9098	21.833	ug/l	91
17) Carbon Disulfide	4.37	76	12431	2.532	ug/l	98
18) Methyl Acetate	4.68	43	3984	4.030	ug/l	91
19) Methyl tert-butyl Ether	5.43	73	6904	2.220	ug/l #	88
20) Methylene Chloride	4.91	84	18042	7.038	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	4379	2.423	ug/l #	92
22) Diisopropyl ether	6.31	45	11097	1.917	ug/l #	83
23) Vinyl Acetate	6.26	43	29347	8.797	ug/l #	92
24) 1,1-Dichloroethane	6.21	63	8470	2.465	ug/l	98
25) 2-Butanone	7.19	43	8362	16.137	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	7025	3.063	ug/l	87
27) cis-1,2-Dichloroethene	7.18	96	4464	2.249	ug/l	81
28) Bromochloromethane	7.51	49	3118	2.180	ug/l #	99
29) Tetrahydrofuran	7.54	42	3907	12.337	ug/l	97
30) Chloroform	7.68	83	8789	2.510	ug/l	95
31) Cyclohexane	7.95	56	10745	3.347	ug/l #	54
32) 1,1,1-Trichloroethane	7.87	97	6930	2.398	ug/l	99
36) 1,1-Dichloropropene	8.09	75	6366	2.195	ug/l	98
37) Ethyl Acetate	7.27	43	3588	2.986	ug/l	97
38) Carbon Tetrachloride	8.07	117	6467	2.273	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	7033	2.096	ug/l	92
40) Benzene	8.33	78	18729	2.343	ug/l	99
41) Methacrylonitrile	7.48	41	1294	1.755	ug/l #	81
42) 1,2-Dichloroethane	8.40	62	6041	2.412	ug/l	98
43) Isopropyl Acetate	8.43	43	5338	2.237	ug/l	93
44) Trichloroethene	9.10	130	4850	2.289	ug/l	98
45) 1,2-Dichloropropane	9.37	63	4650	2.284	ug/l	97
46) Dibromomethane	9.46	93	2540	2.437	ug/l	95
47) Bromodichloromethane	9.65	83	6112	2.288	ug/l #	99
48) Methyl methacrylate	9.45	41	2278	2.032	ug/l #	80
49) 1,4-Dioxane	9.47	88	780	49.566	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	13260	10.906	ug/l	99
52) Toluene	10.39	92	11950	2.331	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	5742	2.104	ug/l	91
54) cis-1,3-Dichloropropene	10.07	75	6132	1.974	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	3670	2.499	ug/l	95
56) Ethyl methacrylate	10.65	69	3279	1.839	ug/l #	85
57) 1,3-Dichloropropane	10.94	76	5786	2.284	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	7149	8.942	ug/l	97
59) 2-Hexanone	10.98	43	8932	10.516	ug/l	94
60) Dibromochloromethane	11.13	129	3645	2.087	ug/l	97
61) 1,2-Dibromoethane	11.24	107	3173	2.284	ug/l	96
64) Tetrachloroethene	10.87	164	4254	2.274	ug/l	95
65) Chlorobenzene	11.66	112	12510	2.148	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	4273	2.088	ug/l	96
67) Ethyl Benzene	11.74	91	19724	1.910	ug/l	97
68) m/p-Xylenes	11.85	106	13968	3.559	ug/l	94
69) o-Xylene	12.17	106	6581	1.809	ug/l	96
70) Styrene	12.18	104	9805	1.619	ug/l	97
71) Bromoform	12.35	173	2053	1.935	ug/l #	98
73) Isopropylbenzene	12.47	105	17022	1.718	ug/l	100
74) N-amyl acetate	12.28	43	4532	2.009	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	3906	2.330	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	5592	4.591	ug/l #	100
77) Bromobenzene	12.75	156	5032	2.180	ug/l	94
78) n-propylbenzene	12.81	91	24045	1.982	ug/l	98
79) 2-Chlorotoluene	12.90	91	14024	2.045	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	14791	1.778	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	72196	136.391	ug/l #	9
82) 4-Chlorotoluene	12.99	91	14395	1.979	ug/l	98
83) tert-Butylbenzene	13.21	119	12518	1.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	14611	1.708	ug/l	98
85) sec-Butylbenzene	13.39	105	18351	1.742	ug/l	99
86) p-Isopropyltoluene	13.51	119	14526	1.563	ug/l	96
87) 1,3-Dichlorobenzene	13.51	146	9845	2.076	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	10164	2.156	ug/l	84
89) n-Butylbenzene	13.83	91	16887	1.864	ug/l	94
90) Hexachloroethane	14.10	117	3663	2.179	ug/l	92
91) 1,2-Dichlorobenzene	13.88	146	8904	2.144	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	726	2.573	ug/l	90

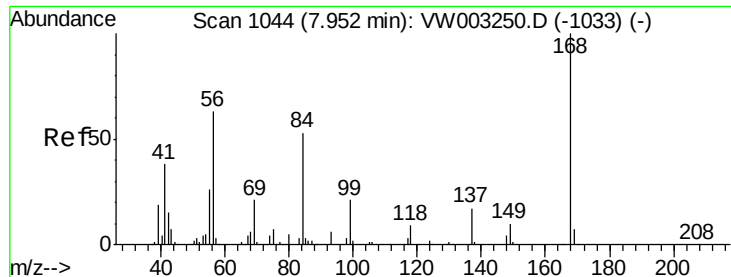
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	5906	2.026	ug/l	99
94) Hexachlorobutadiene	15.24	225	3702	2.111	ug/l	99
95) Naphthalene	15.38	128	8747	1.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	5236	2.040	ug/l	98

(#) = 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: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

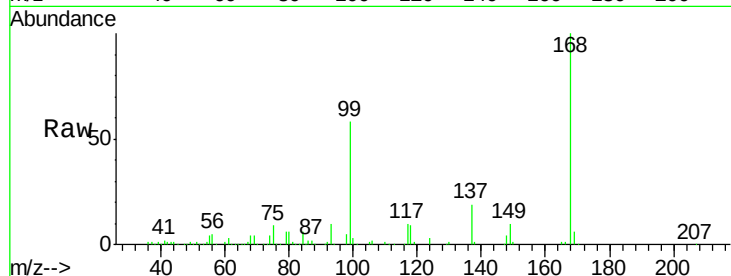
ClientSampleId :

Tot Ion:168 Resp: 183437

Ion Ratio Lower Upper

168 100

99 58.1 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

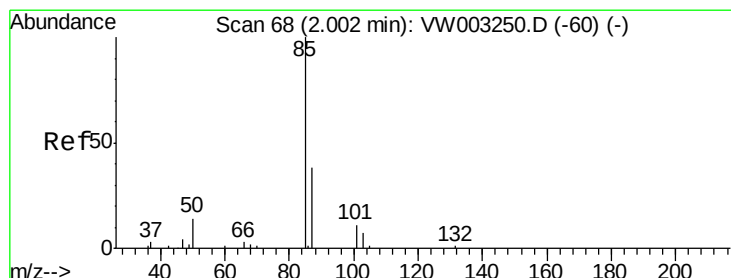
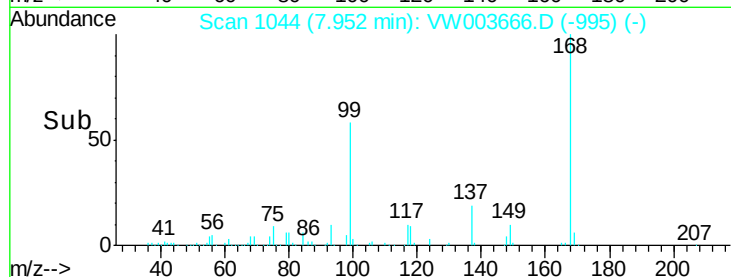
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 3.363 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003666.D

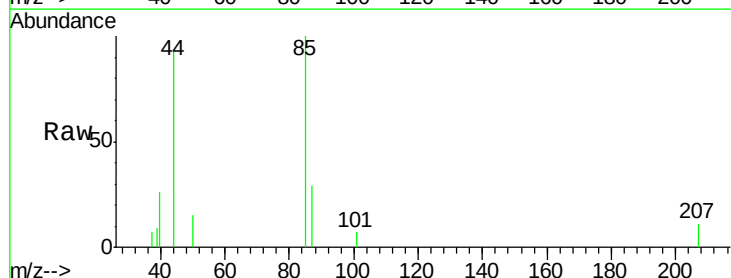
Acq: 29 Jun 2018 17:41

Tgt Ion: 85 Resp: 1865

Ion Ratio Lower Upper

85 100

87 29.0 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

1000

800

600

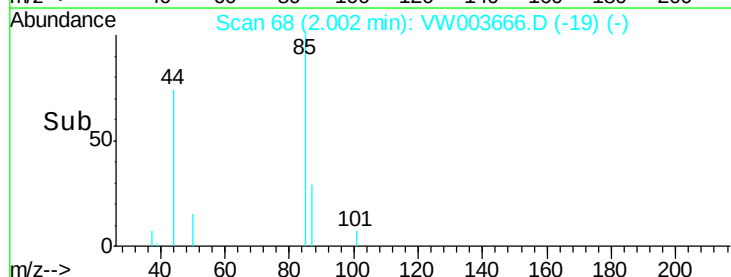
400

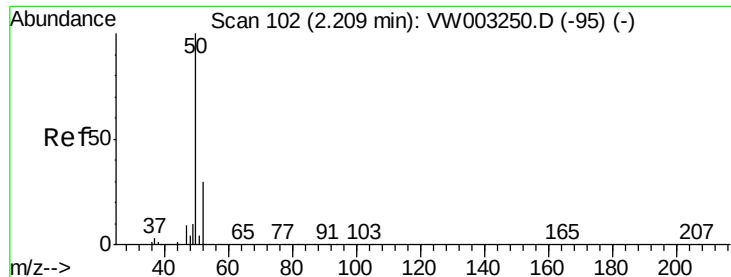
200

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 2.646 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

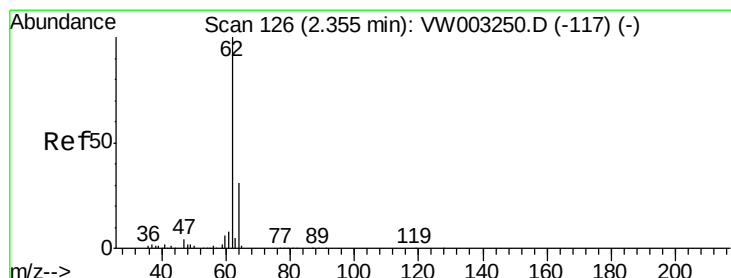
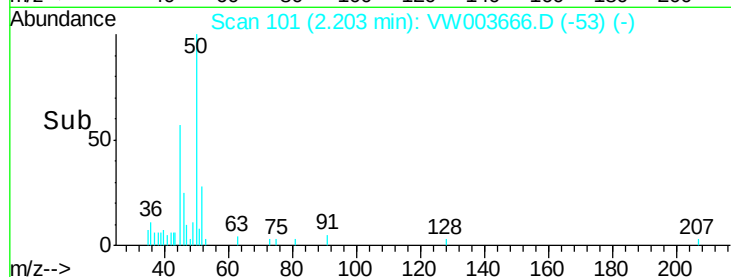
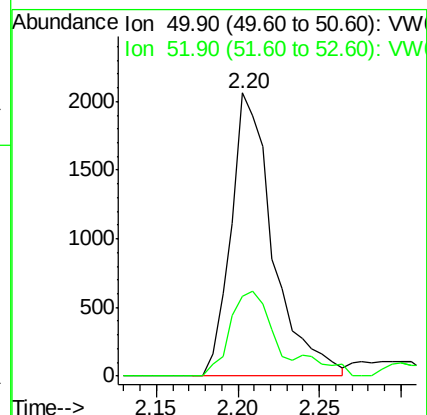
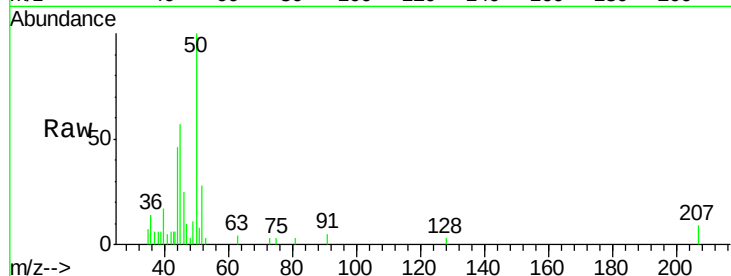
ClientSampleId :

Tot Ion: 50 Resp: 3708

Ion Ratio Lower Upper

50 100

52 28.4 24.2 36.2



#4

Vinyl Chloride

Concen: 2.529 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003666.D

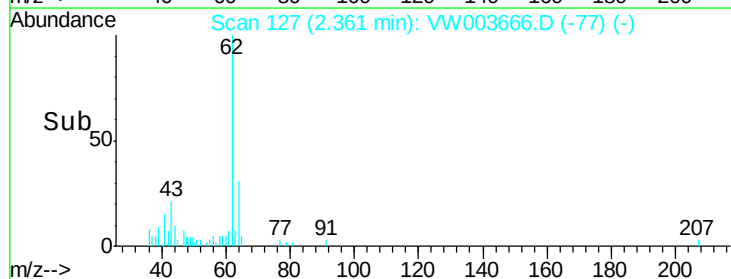
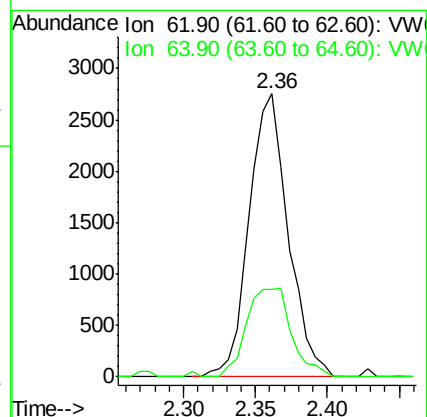
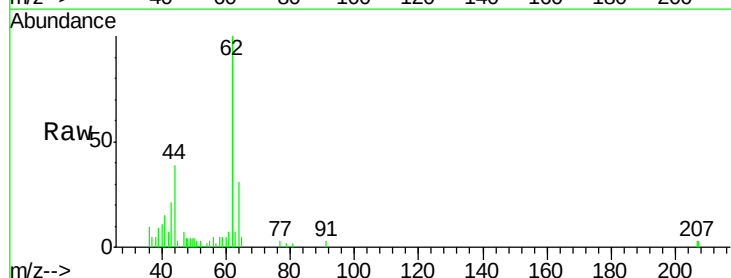
Acq: 29 Jun 2018 17:41

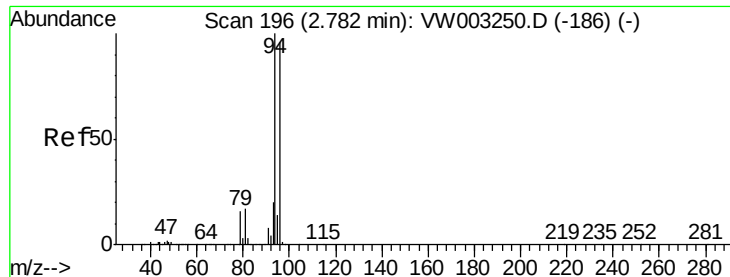
Tgt Ion: 62 Resp: 5165

Ion Ratio Lower Upper

62 100

64 30.8 24.9 37.3





#5

Bromomethane

Concen: 2.476 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

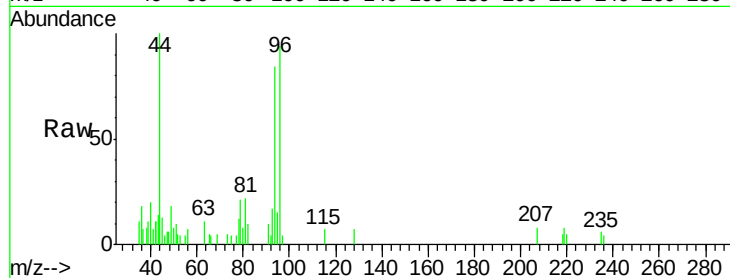
ClientSampled :

Tot Ion: 94 Resp: 3362

Ion Ratio Lower Upper

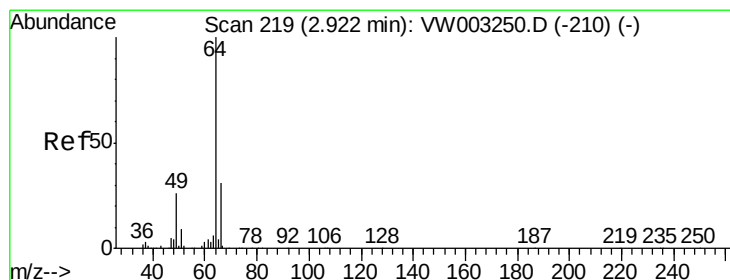
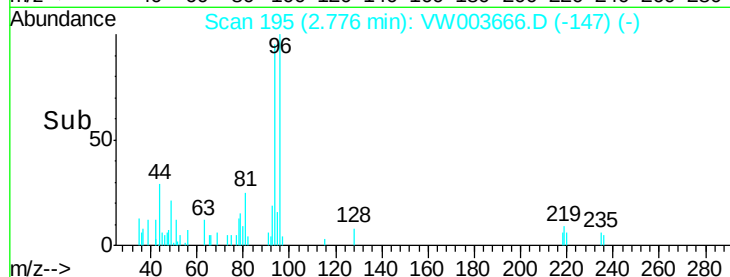
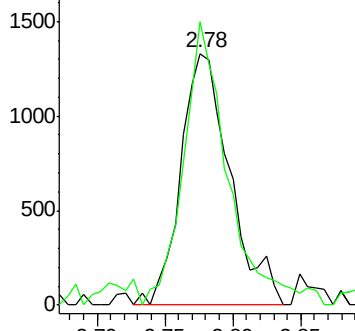
94 100

96 104.7 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 2.168 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003666.D

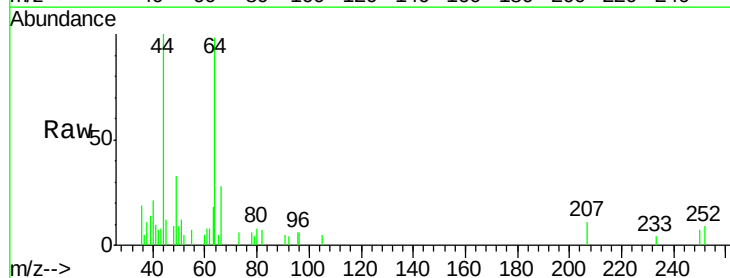
Acq: 29 Jun 2018 17:41

Tgt Ion: 64 Resp: 3083

Ion Ratio Lower Upper

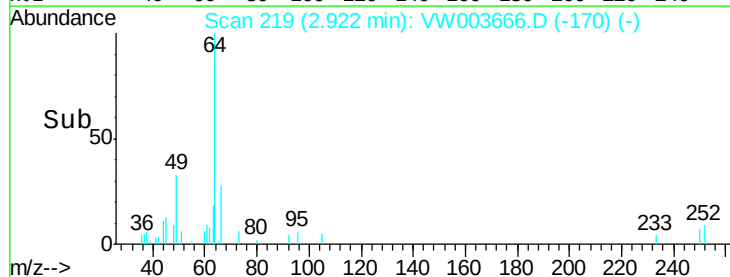
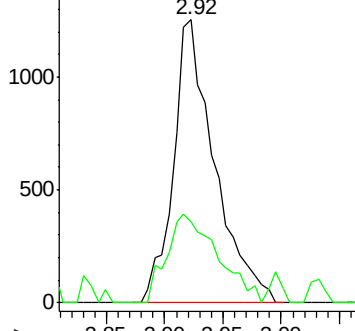
64 100

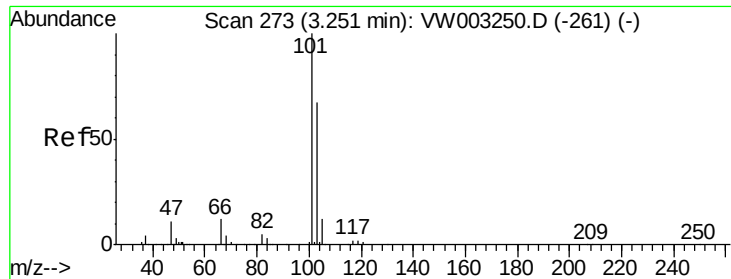
66 28.5 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



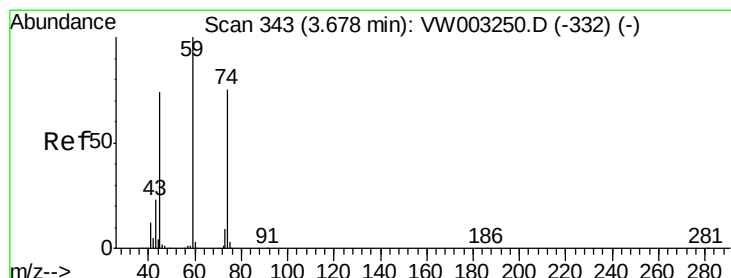
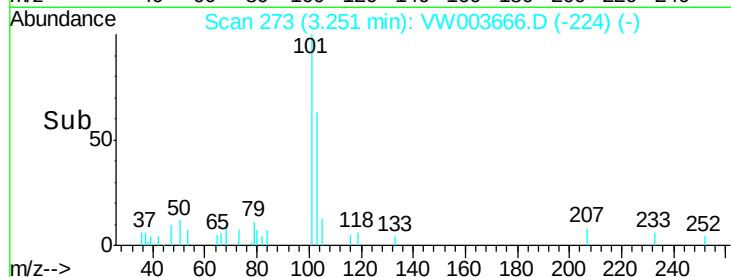
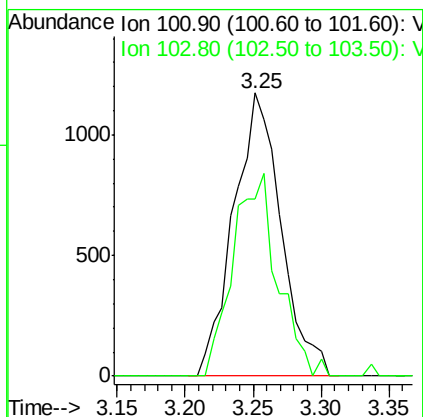
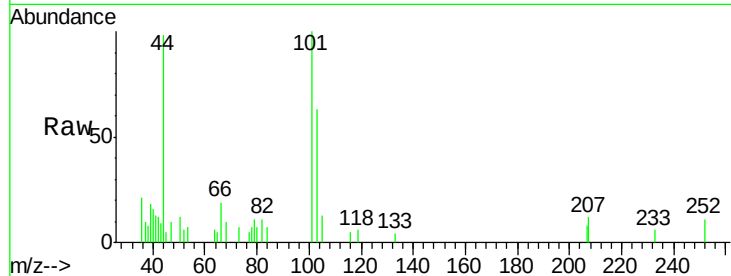


#7

Trichlorofluoromethane
Concen: 2.345 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Instrument :
MSVOA_W
ClientSampled :

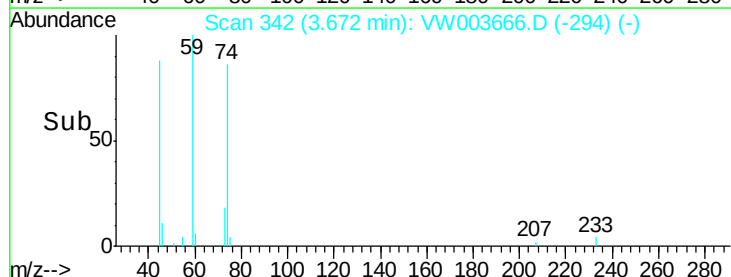
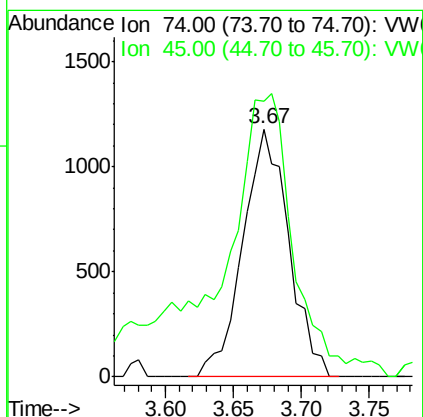
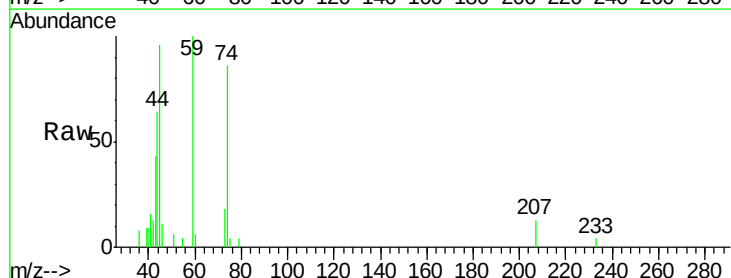
Tot Ion:101 Resp: 2869
Ion Ratio Lower Upper
101 100
103 62.8 53.4 80.0

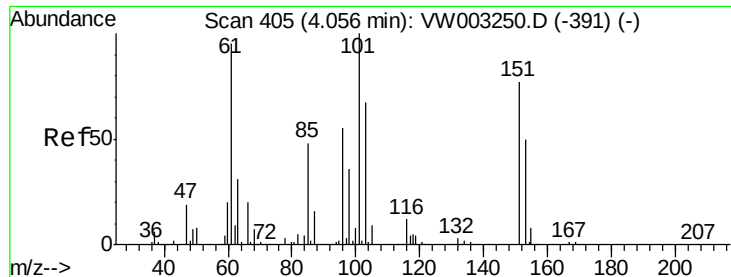


#8

Diethyl Ether
Concen: 3.103 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 74 Resp: 2789
Ion Ratio Lower Upper
74 100
45 173.8 51.4 154.2#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.556 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

ClientSampled :

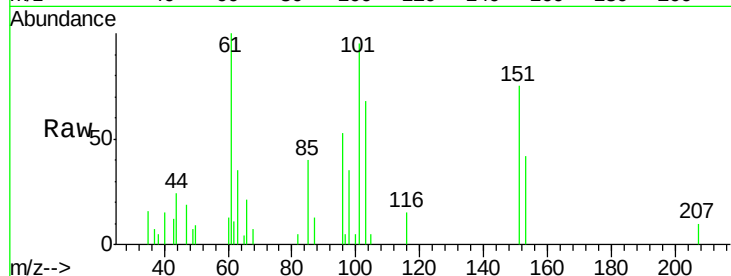
Tot Ion:101 Resp: 4344

Ion Ratio Lower Upper

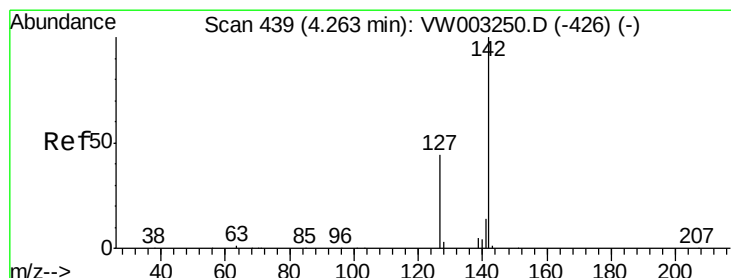
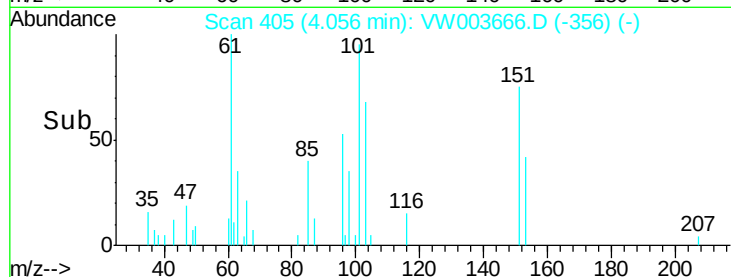
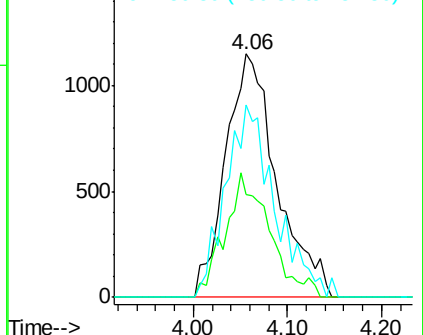
101 100

85 44.5 37.0 55.6

151 76.4 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.345 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

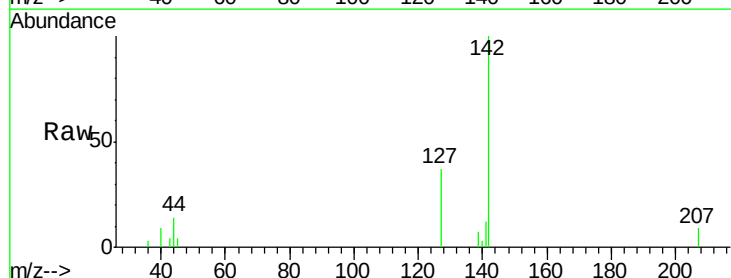
Tgt Ion:142 Resp: 6027

Ion Ratio Lower Upper

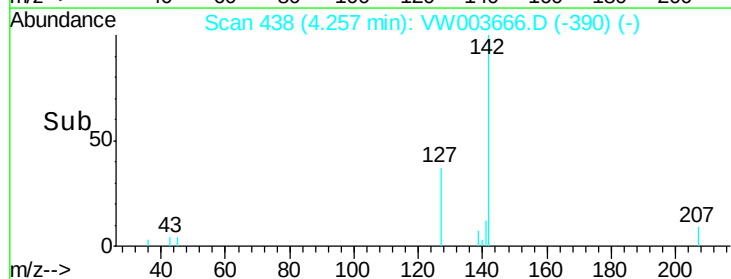
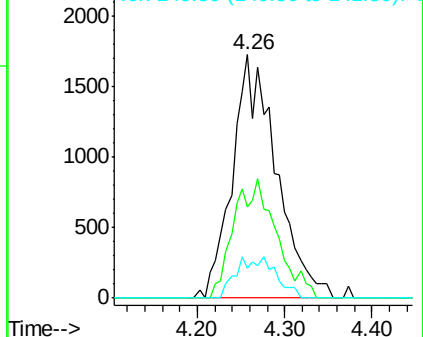
142 100

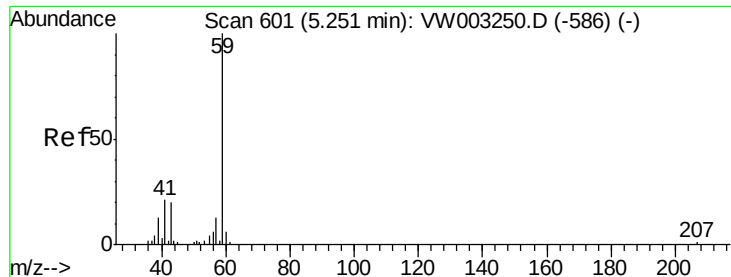
127 18.8 36.5 54.7#

141 5.6 12.1 18.1#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



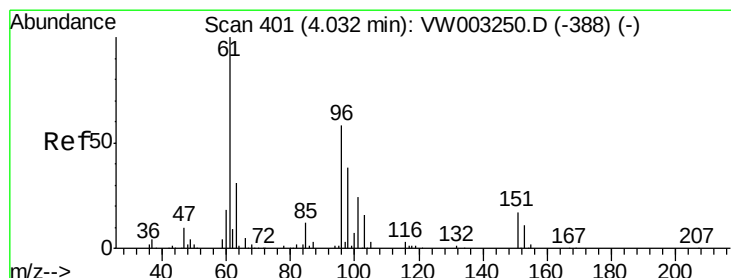
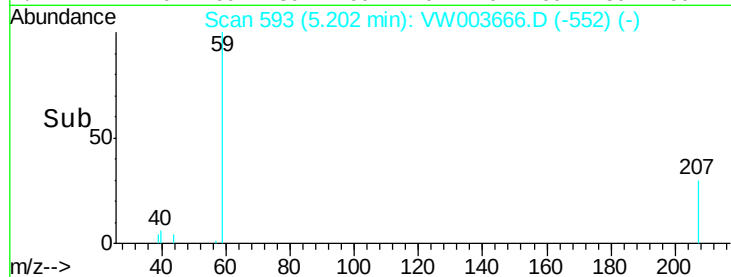
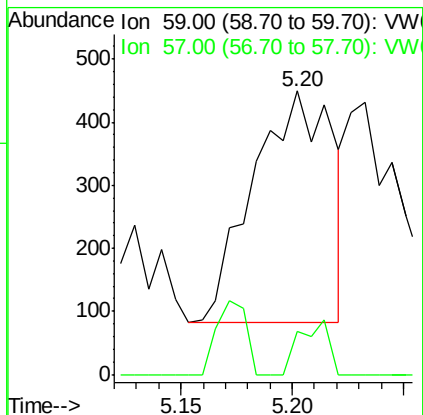
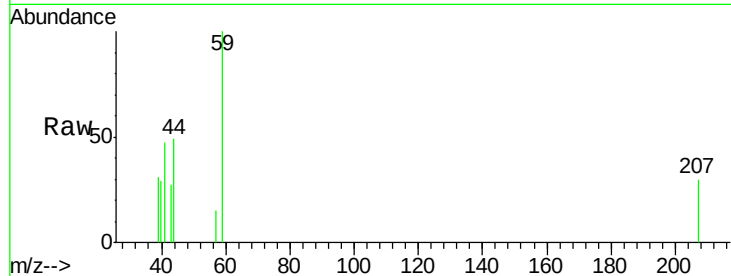


#11

Tert butyl alcohol
Concen: 8.446 ug/l
RT: 5.20 min Scan# 593
Delta R.T. -0.05 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Instrument :
MSVOA_W
ClientSampled :

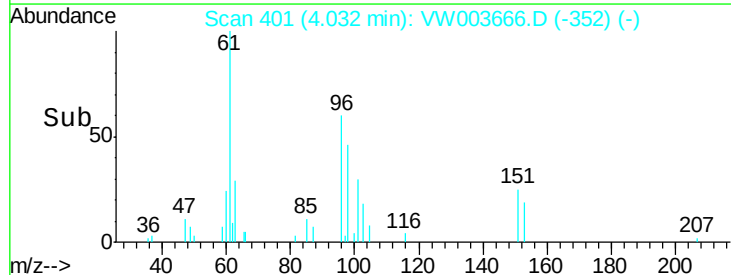
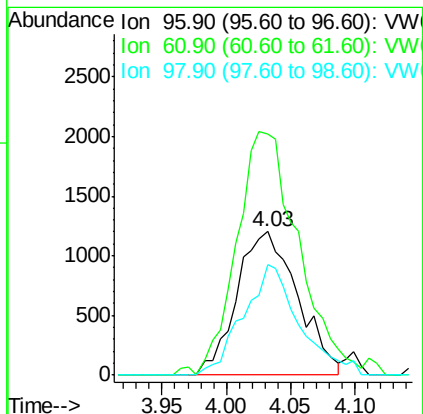
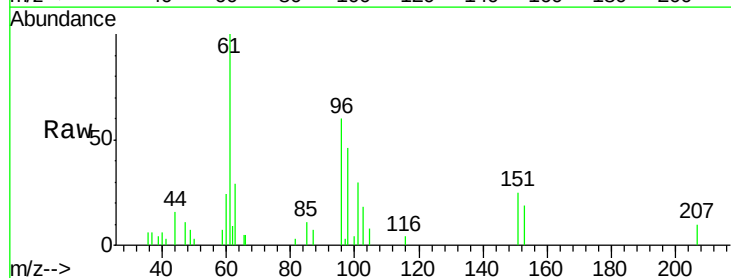
Tot Ion: 59 Resp: 900
Ion Ratio Lower Upper
59 100
57 8.8 4.2 6.2#

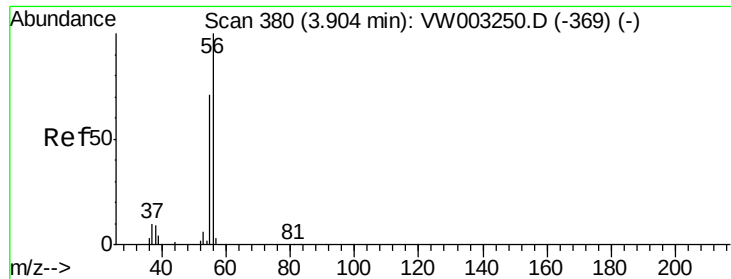


#12

1,1-Dichloroethene
Concen: 2.379 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 96 Resp: 3951
Ion Ratio Lower Upper
96 100
61 162.6 139.0 208.4
98 76.6 53.3 79.9





#13

Acrolein

Concen: 7.962 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

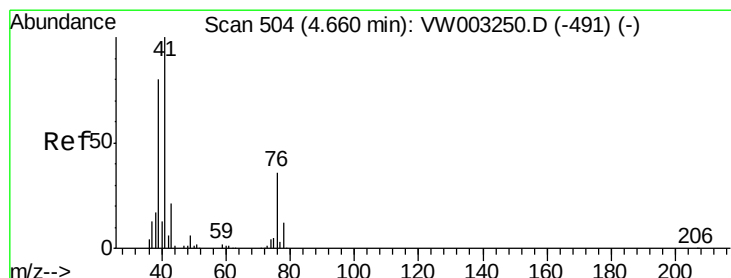
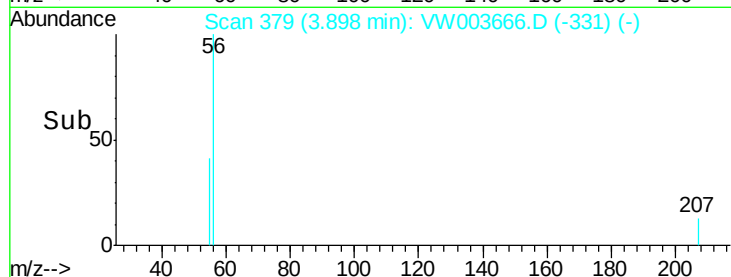
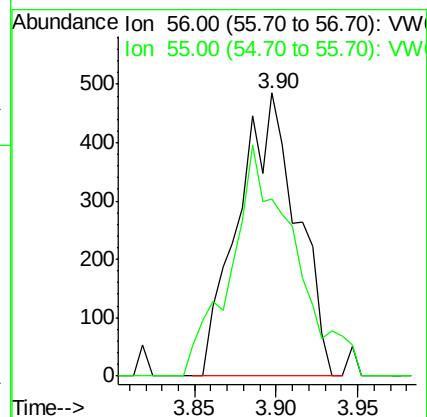
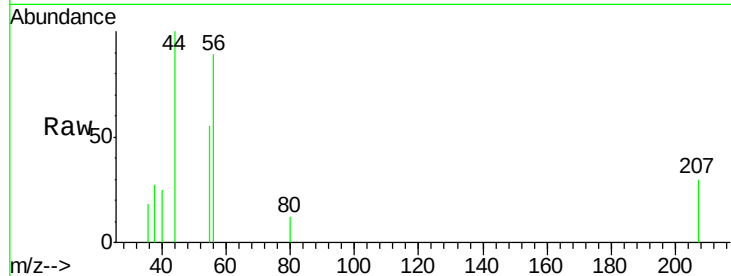
ClientSampled :

Tot Ion: 56 Resp: 1213

Ion Ratio Lower Upper

56 100

55 88.1 55.4 83.2#



#14

Allyl chloride

Concen: 2.450 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

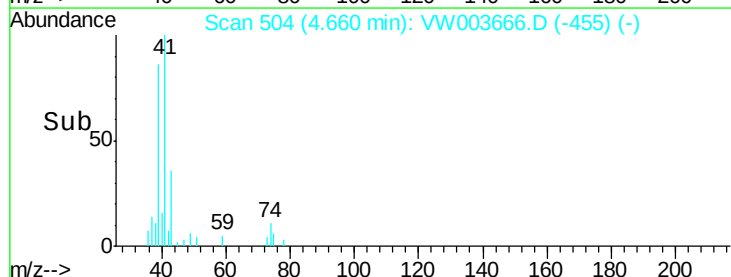
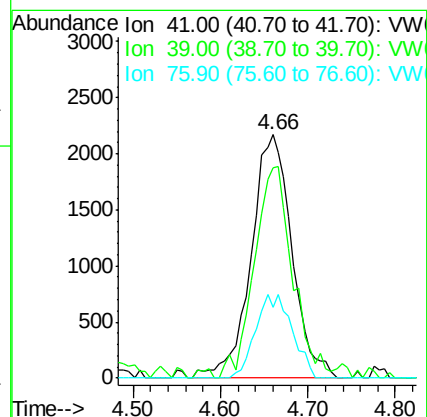
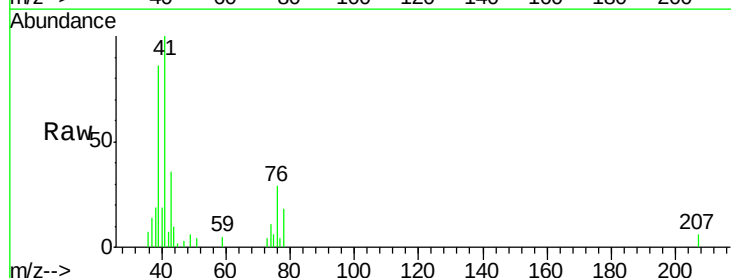
Tgt Ion: 41 Resp: 7048

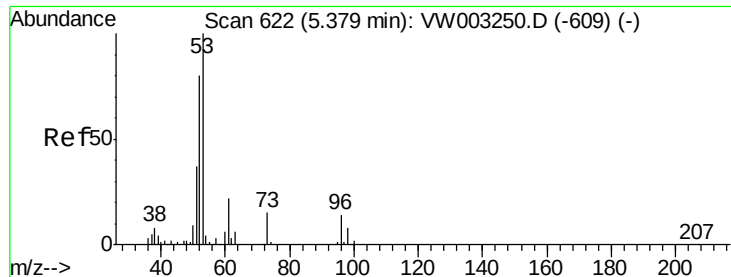
Ion Ratio Lower Upper

41 100

39 81.5 63.2 94.8

76 30.7 28.0 42.0





#15

Acrylonitrile

Concen: 12.689 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

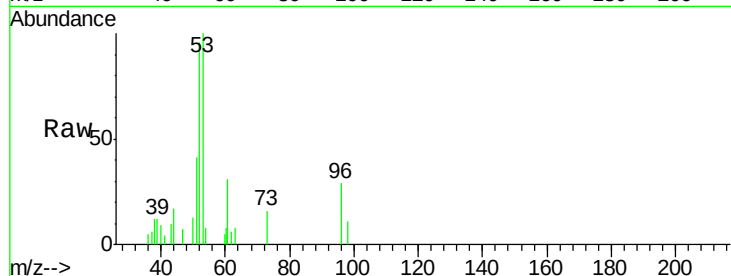
Tot Ion: 53 Resp: 4693

Ion Ratio Lower Upper

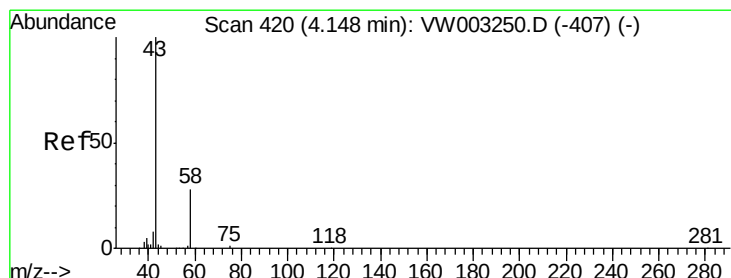
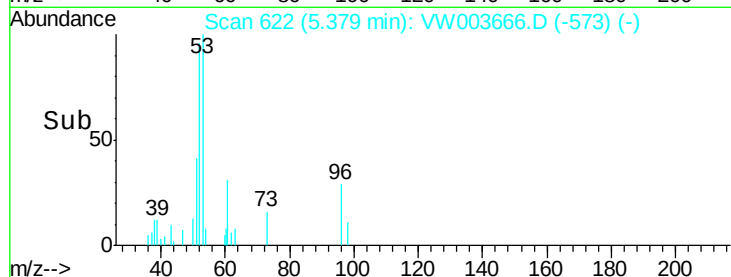
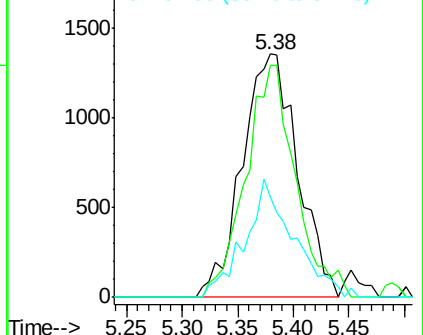
53 100

52 86.0 66.6 100.0

51 42.3 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 21.833 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.02 min

Lab File: VW003666.D

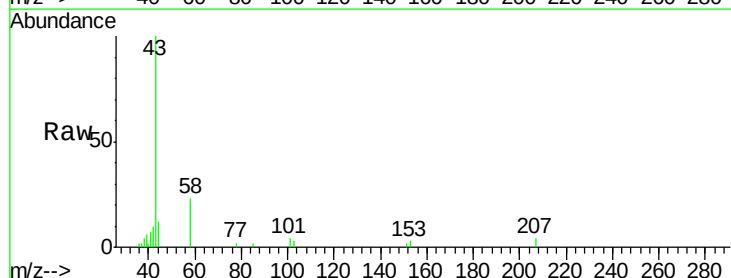
Acq: 29 Jun 2018 17:41

Tgt Ion: 43 Resp: 9098

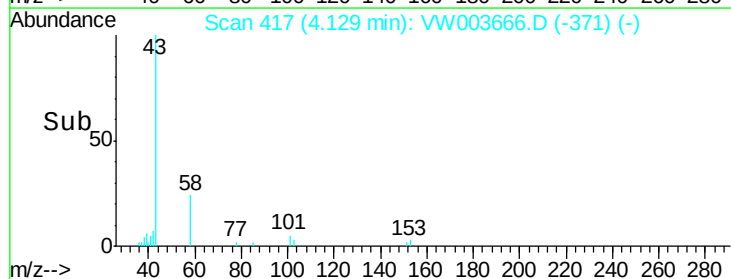
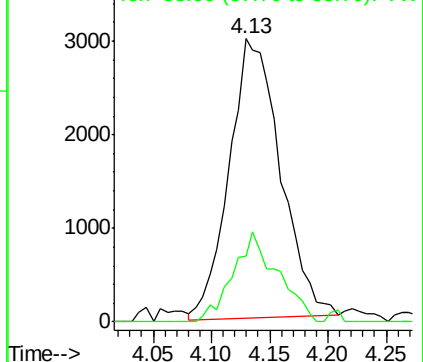
Ion Ratio Lower Upper

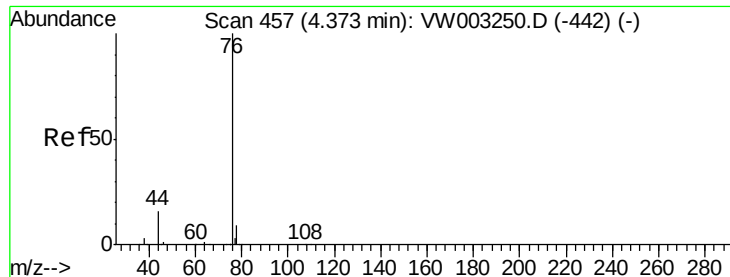
43 100

58 23.8 22.6 34.0



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

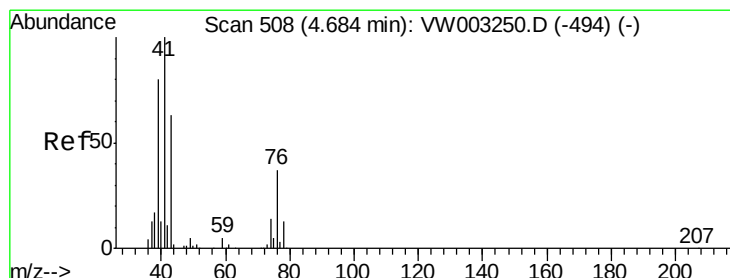
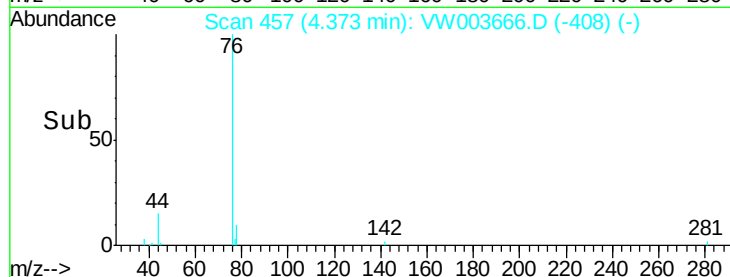
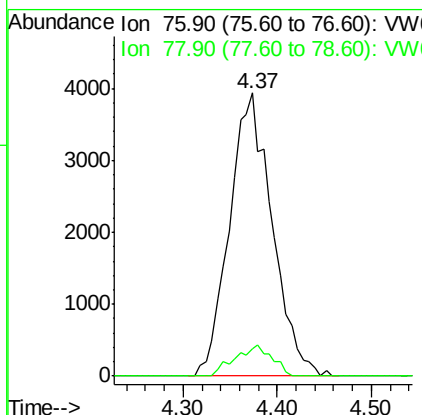
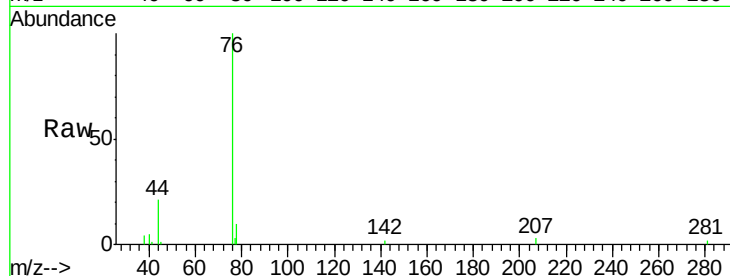




#17
Carbon Disulfide
Concen: 2.532 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

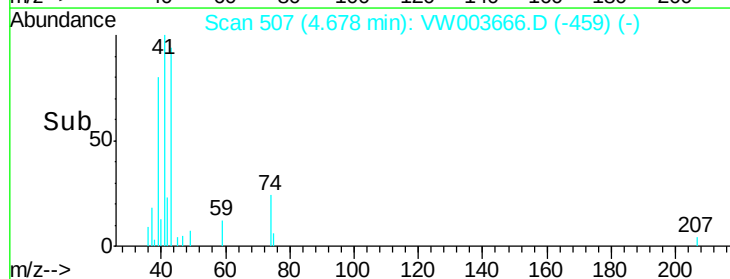
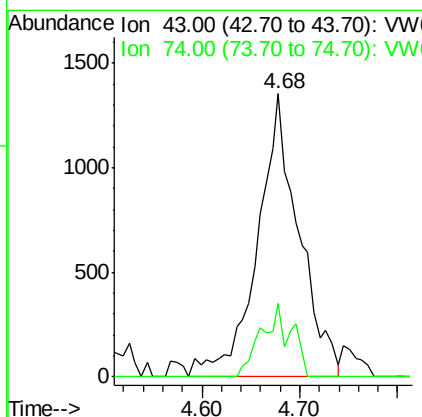
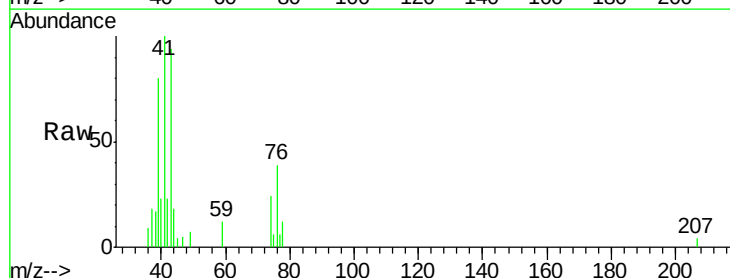
Instrument :
MSVOA_W
ClientSampleId :

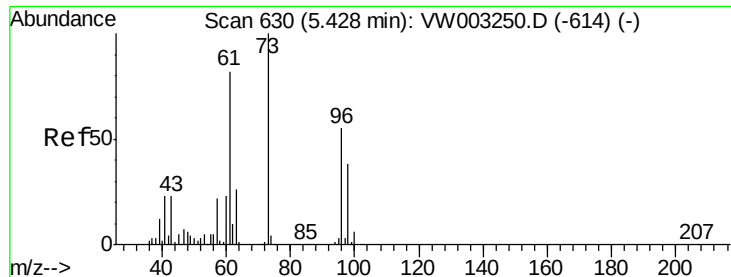
Tot Ion: 76 Resp: 12431
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 4.030 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 43 Resp: 3984
Ion Ratio Lower Upper
43 100
74 18.9 18.7 28.1

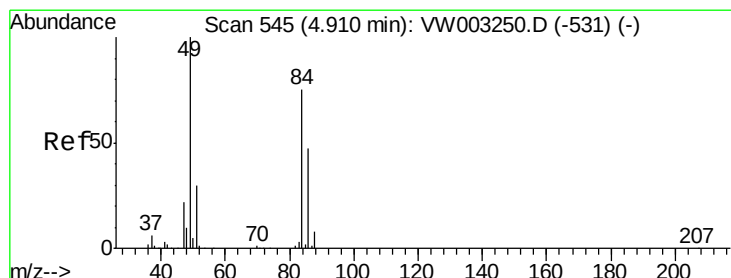
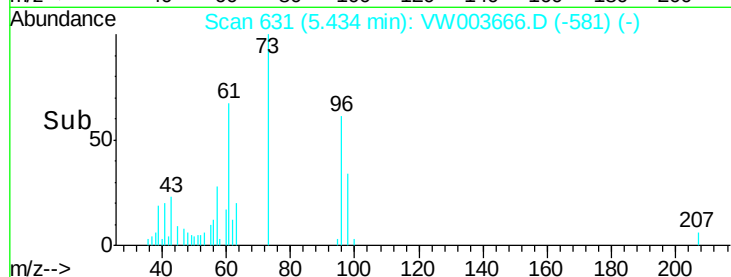
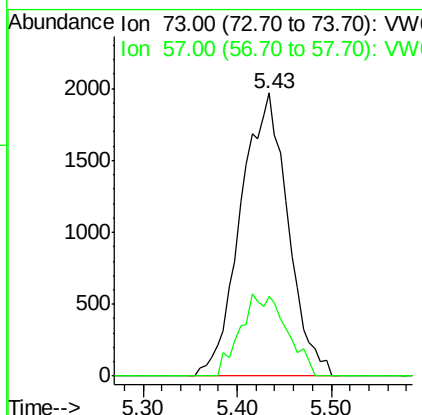
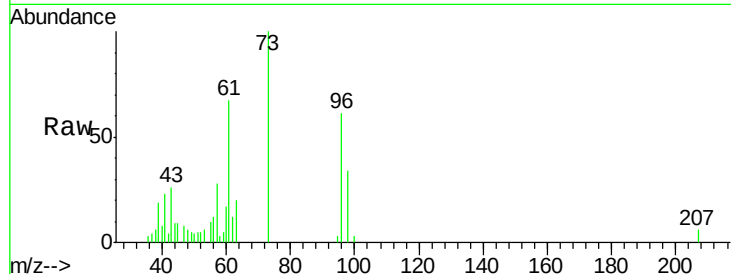




#19
Methyl tert-butyl Ether
Concen: 2.220 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

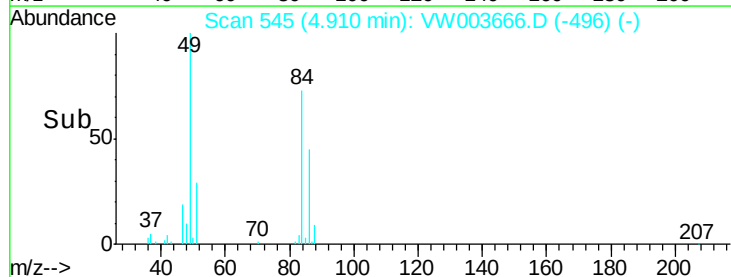
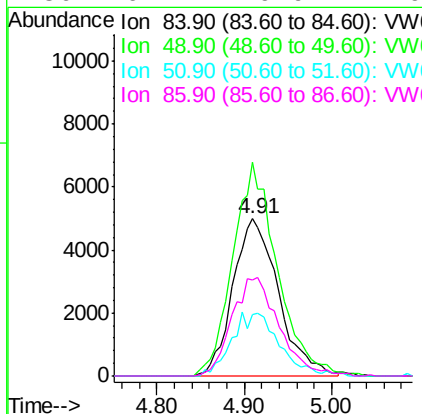
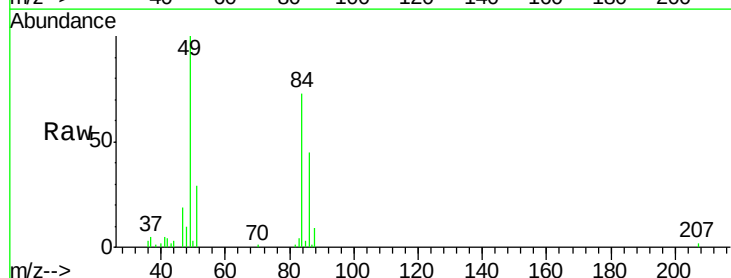
Instrument :
MSVOA_W
ClientSampleId :

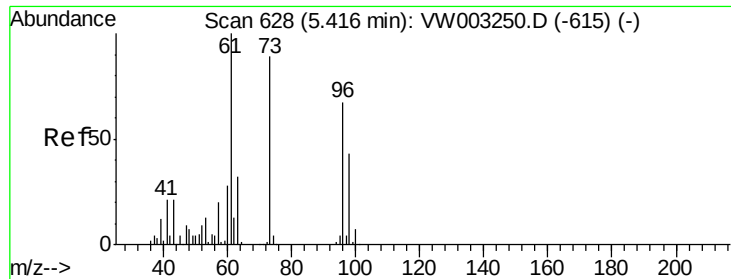
Tot Ion: 73 Resp: 6904
Ion Ratio Lower Upper
73 100
57 28.2 18.0 27.0#



#20
Methylene Chloride
Concen: 7.038 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 84 Resp: 18042
Ion Ratio Lower Upper
84 100
49 136.1 106.3 159.5
51 39.2 32.0 48.0
86 61.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 2.423 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :

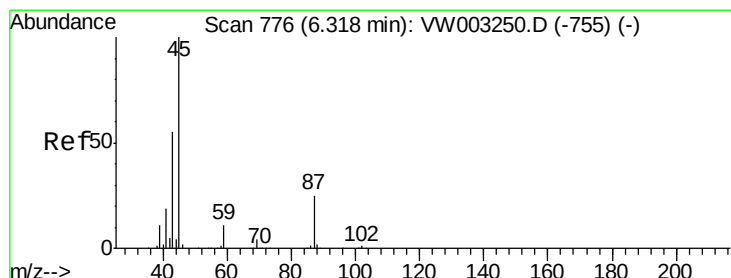
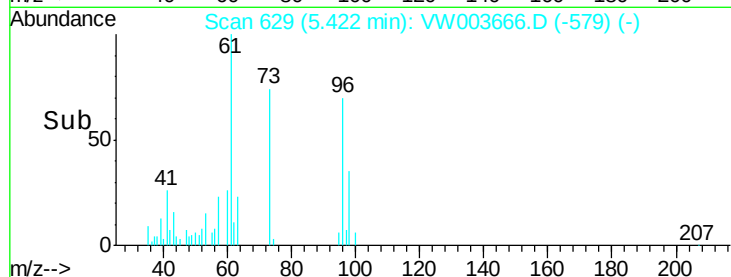
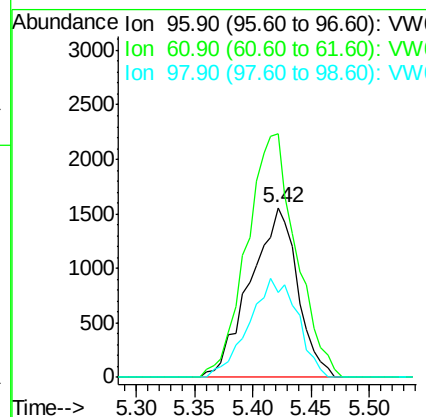
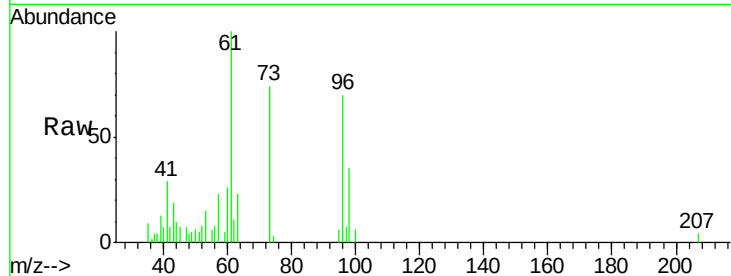
Tot Ion: 96 Resp: 4379

Ion Ratio Lower Upper

96 100

61 143.2 118.7 178.1

98 50.1 51.0 76.6#



#22

Diisopropyl ether

Concen: 1.917 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Tgt Ion: 45 Resp: 11097

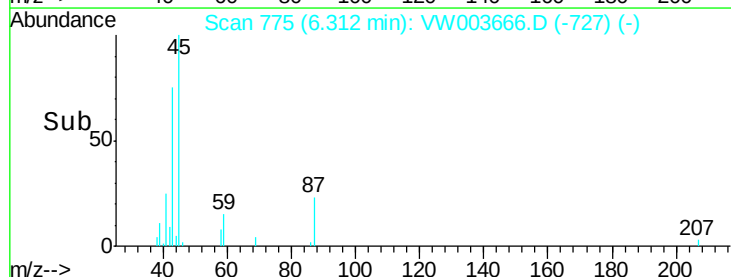
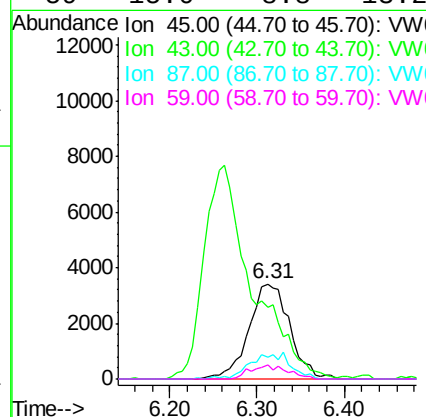
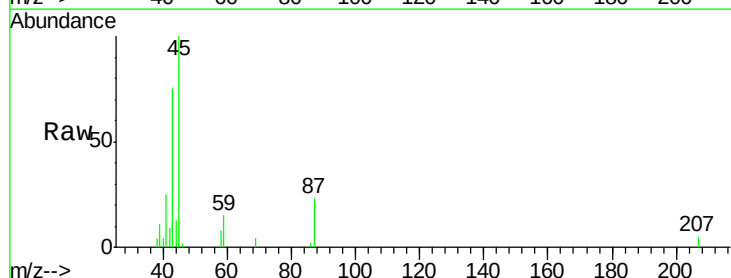
Ion Ratio Lower Upper

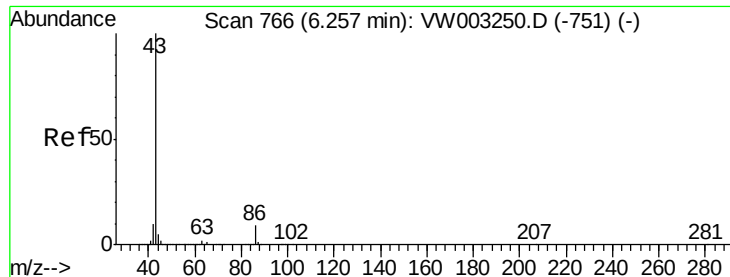
45 100

43 71.9 44.0 66.0#

87 22.6 20.6 31.0

59 15.0 8.8 13.2#





#23

Vinyl Acetate

Concen: 8.797 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

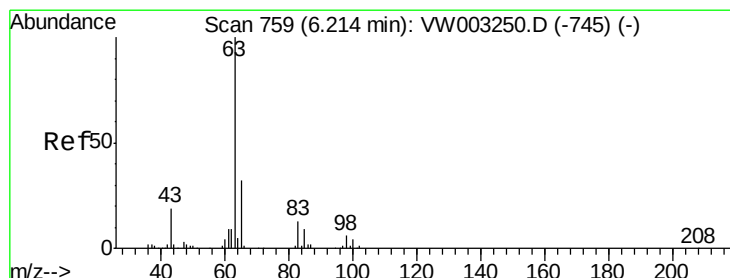
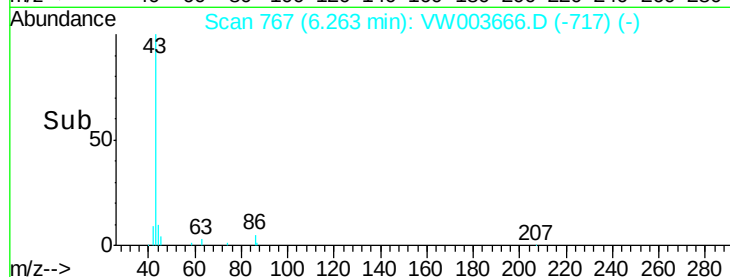
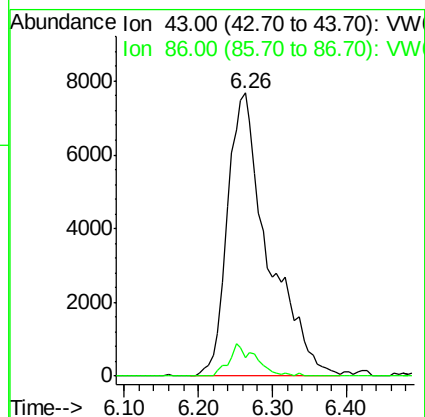
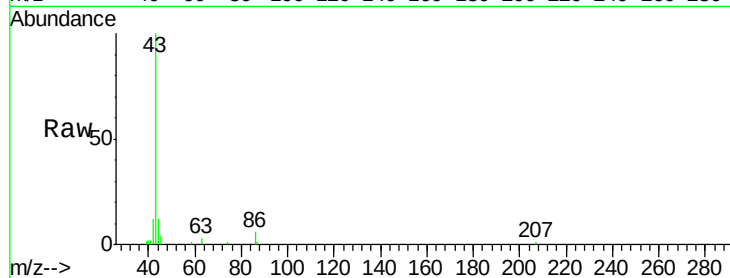
ClientSampled :

Tot Ion: 43 Resp: 29347

Ion Ratio Lower Upper

43 100

86 6.4 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 2.465 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

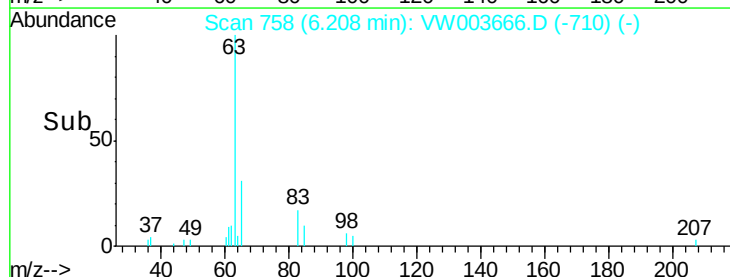
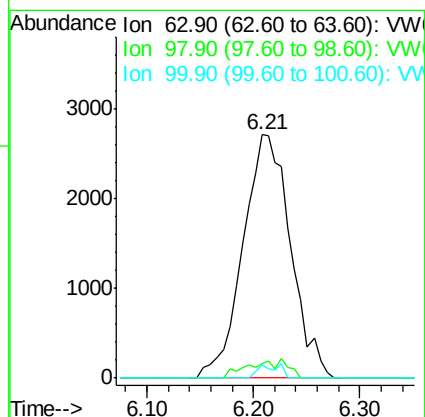
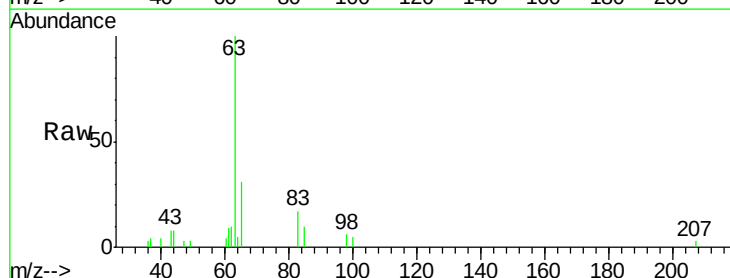
Tgt Ion: 63 Resp: 8470

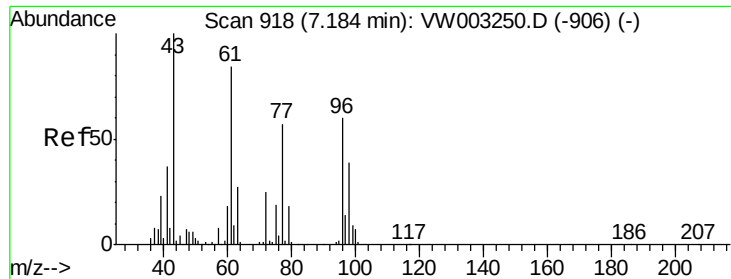
Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.3

100 5.2 2.1 6.5





#25

2-Butanone

Concen: 16.137 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

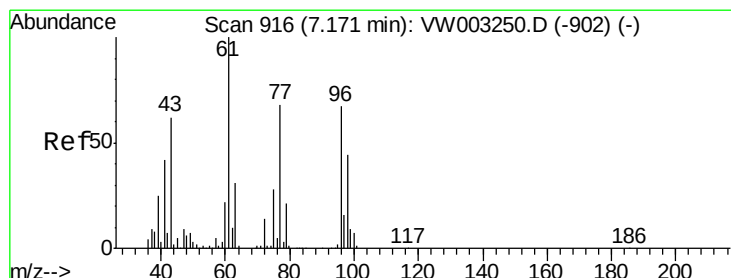
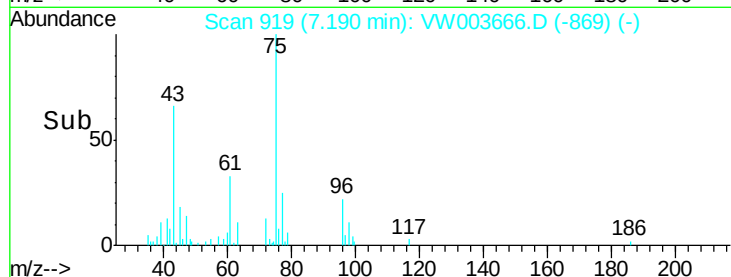
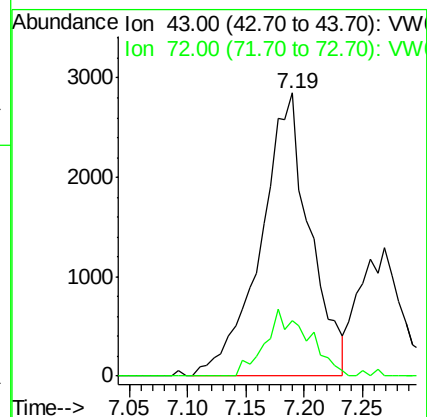
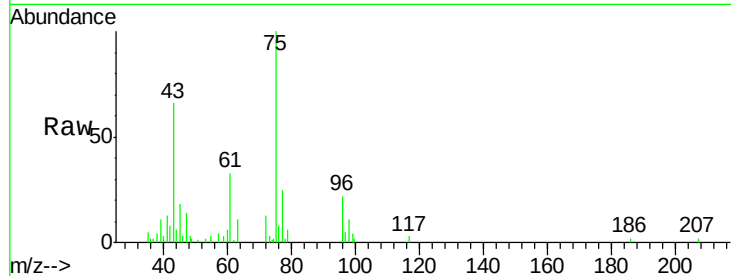
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 8362

Ion Ratio Lower Upper

43 100

72 19.5 20.3 30.5#



#26

2,2-Dichloropropane

Concen: 3.063 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003666.D

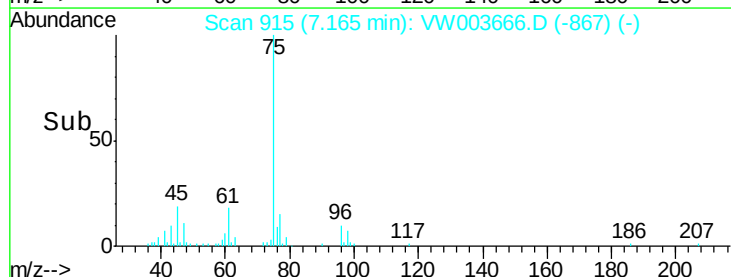
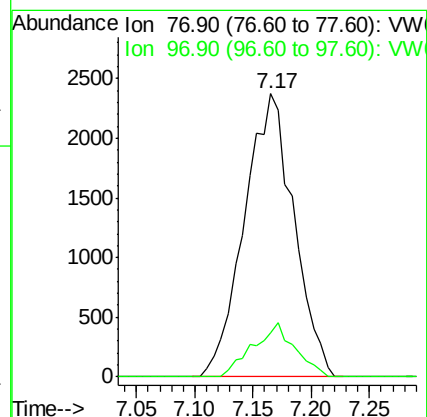
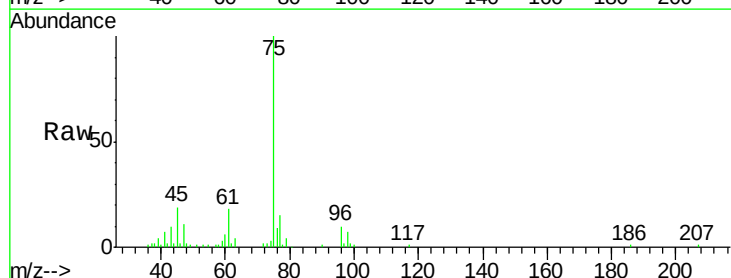
Acq: 29 Jun 2018 17:41

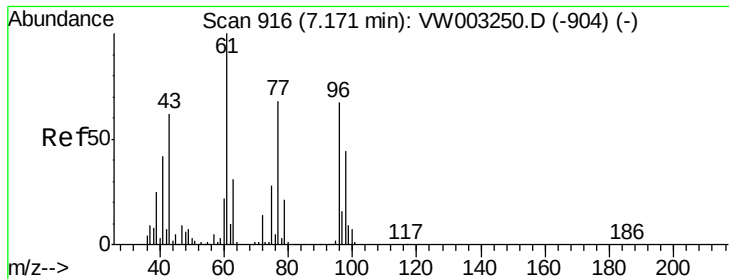
Tgt Ion: 77 Resp: 7025

Ion Ratio Lower Upper

77 100

97 16.2 11.3 33.9



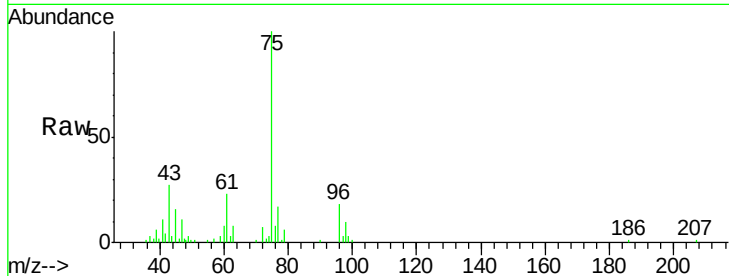


#27

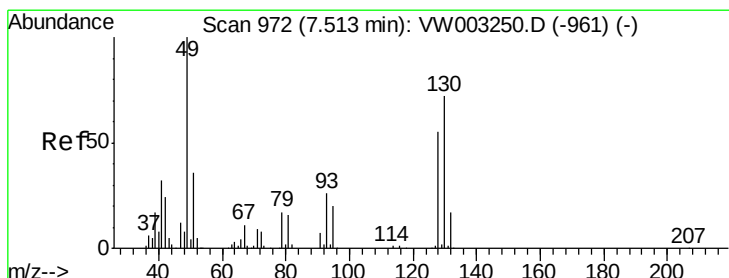
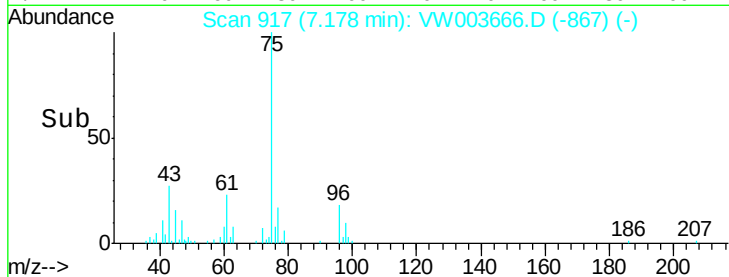
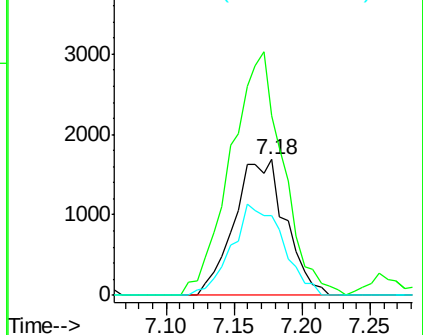
cis-1,2-Dichloroethene
Concen: 2.249 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	183.0	0.0	298.8
98	66.5	0.0	130.4



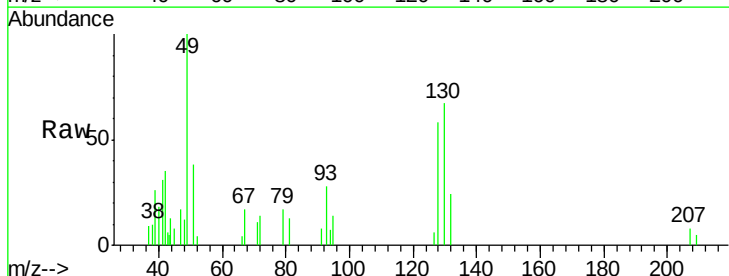
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



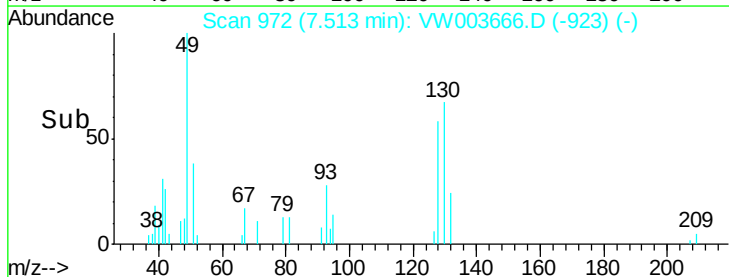
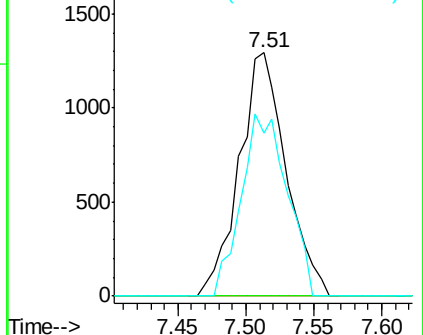
#28

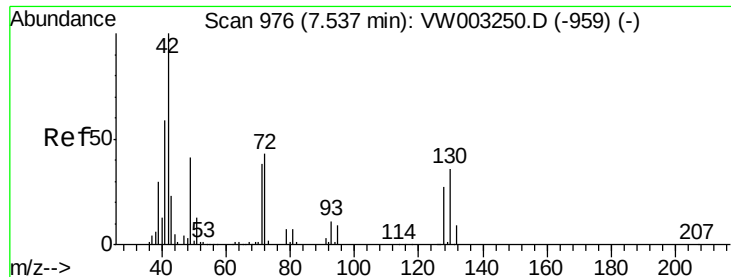
Bromochloromethane
Concen: 2.180 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	73.3	59.4	89.2



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

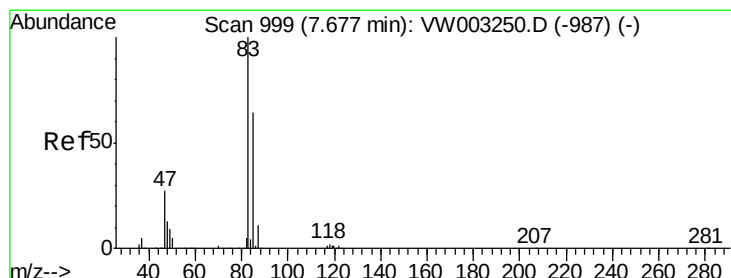
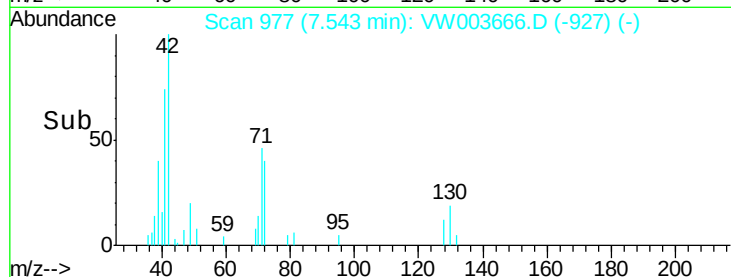
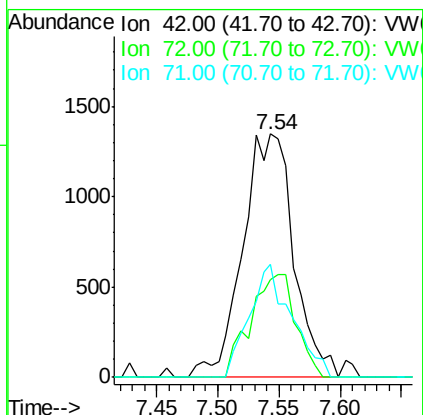
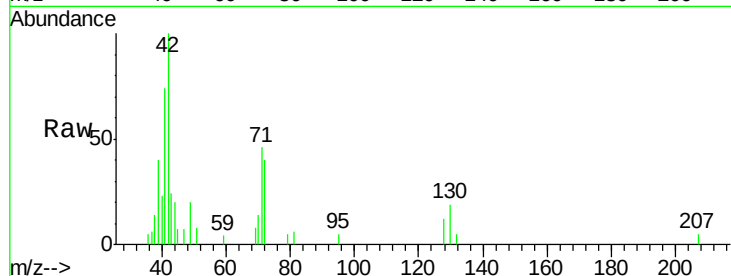




#29
Tetrahydrofuran
Concen: 12.337 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

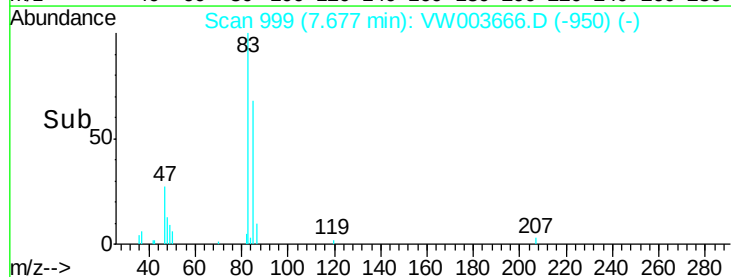
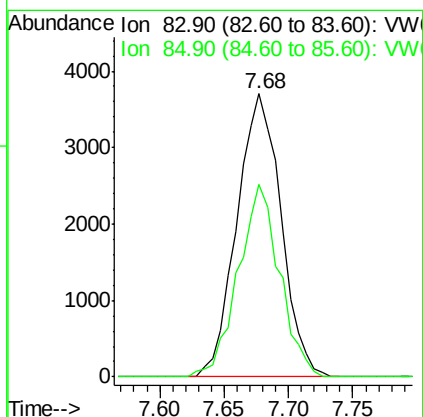
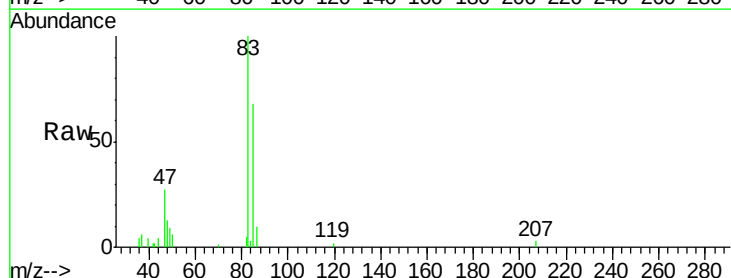
Instrument :
MSVOA_W
ClientSampled :

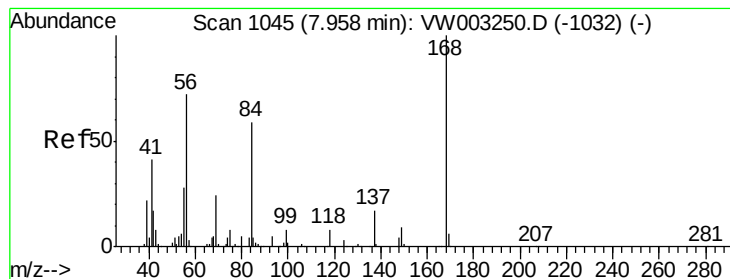
Tot Ion	Ratio	Lower	Upper
42	100		
72	37.5	32.4	48.6
71	38.6	31.2	46.8



#30
Chloroform
Concen: 2.510 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	51.3	76.9





#31

Cyclohexane

Concen: 3.347 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

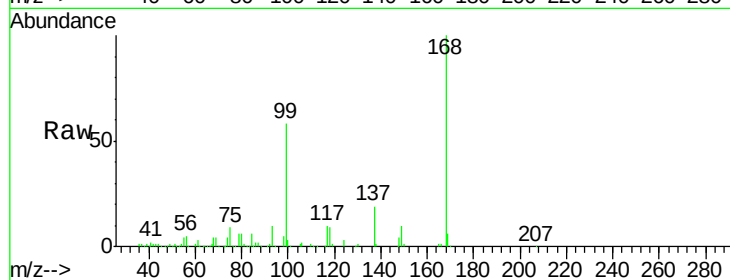
Tot Ion: 56 Resp: 10745

Ion Ratio Lower Upper

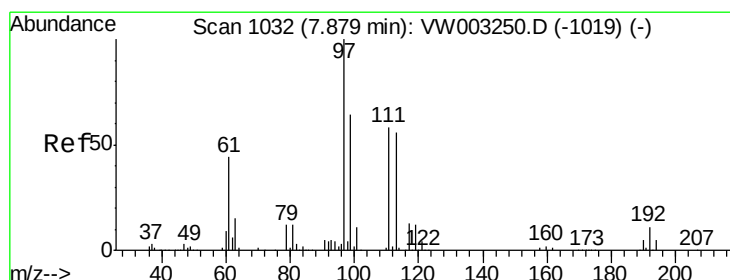
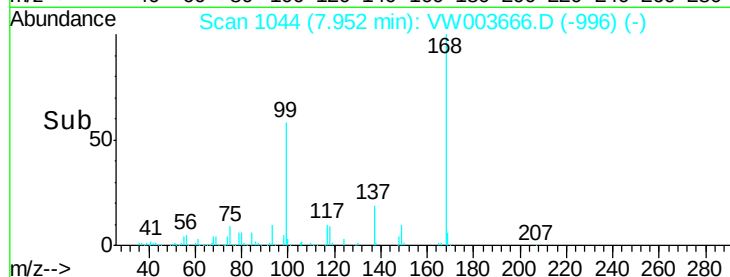
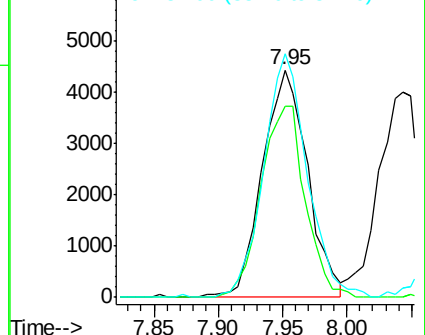
56 100

69 84.3 26.3 39.5#

84 107.2 65.7 98.5#



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



#32

1,1,1-Trichloroethane

Concen: 2.398 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

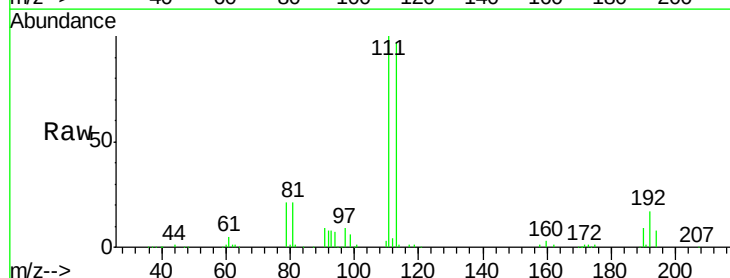
Tgt Ion: 97 Resp: 6930

Ion Ratio Lower Upper

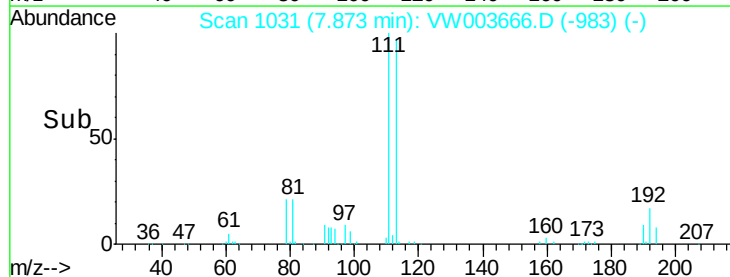
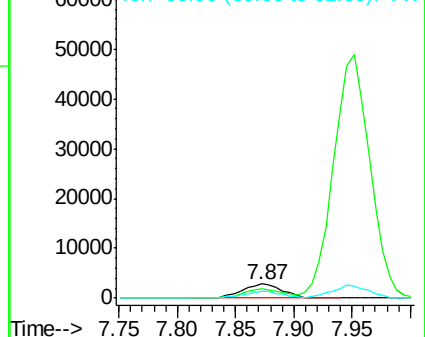
97 100

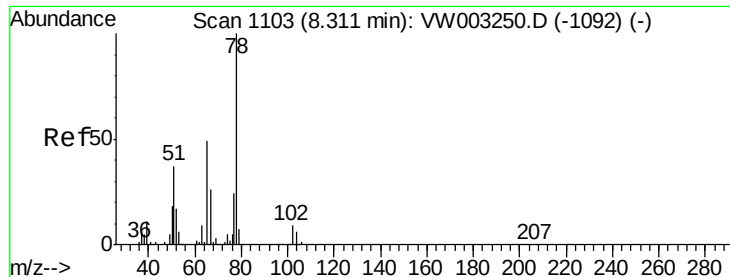
99 63.8 51.7 77.5

61 47.3 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

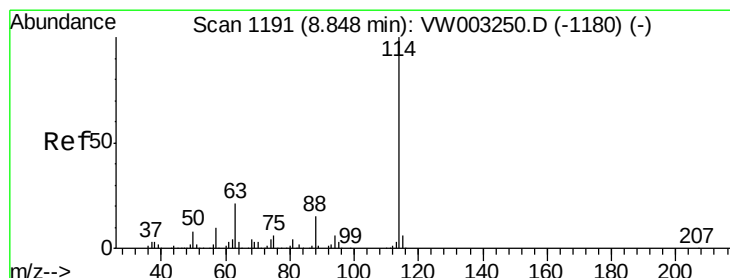
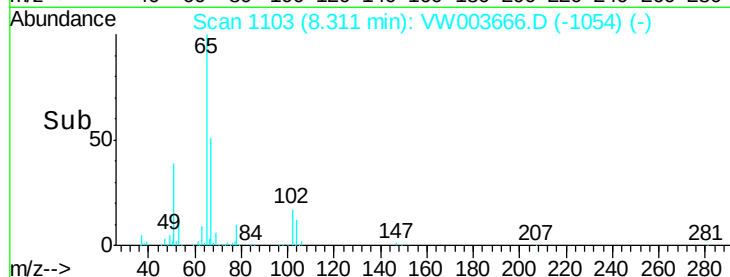
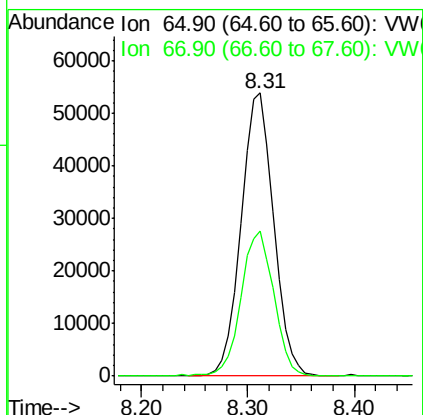
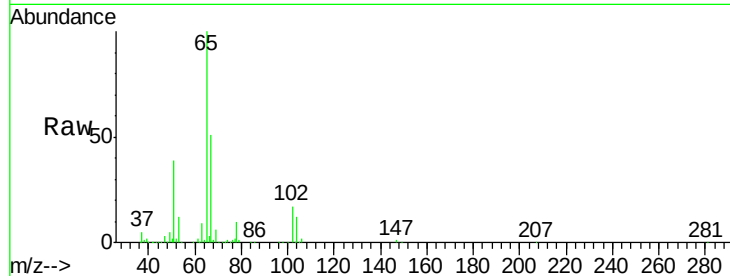




#33
 1,2-Dichloroethane-d4
 Concen: 58.341 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

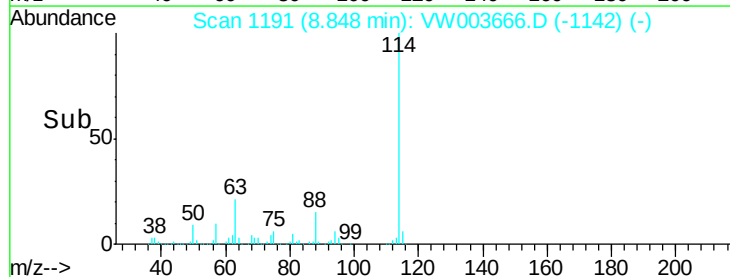
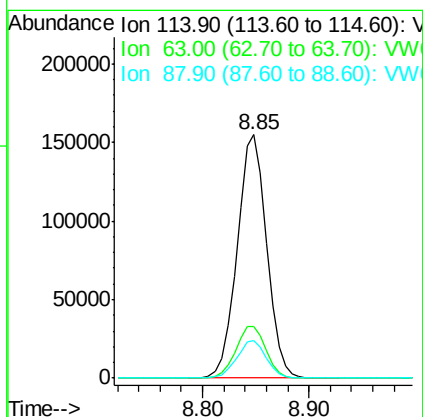
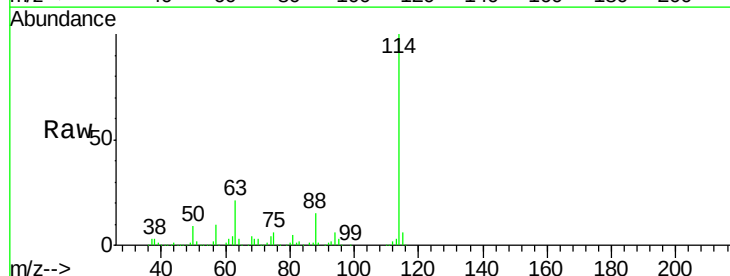
Instrument :
 MSVOA_W
 ClientSampleId :

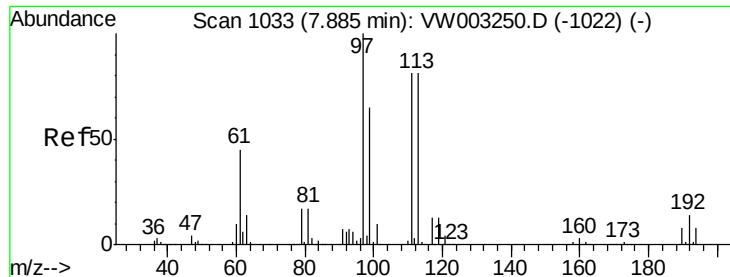
Tot Ion: 65 Resp: 115918
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Tgt Ion: 114 Resp: 300346
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.2 0.0 29.6

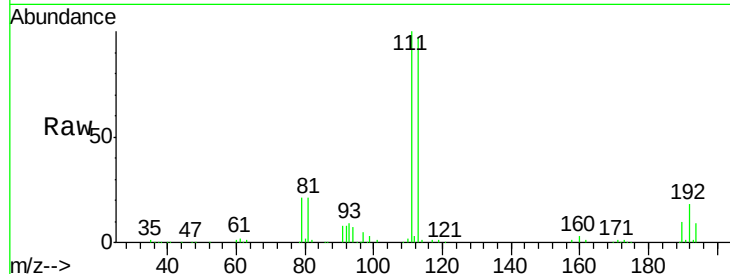




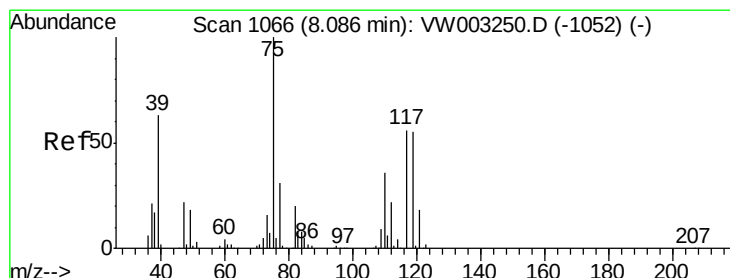
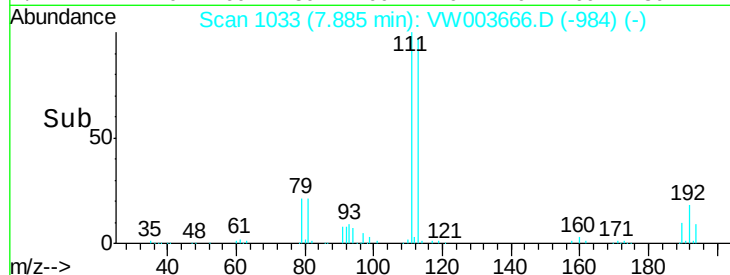
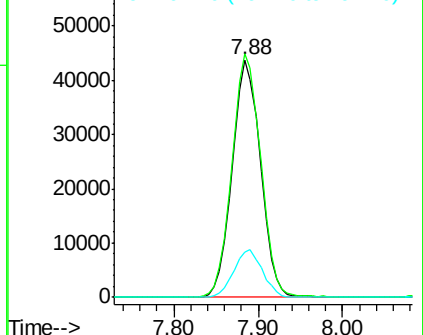
#35
 Dibromofluoromethane
 Concen: 53.140 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 99174
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.2 123.2
 192 20.3 16.2 24.2

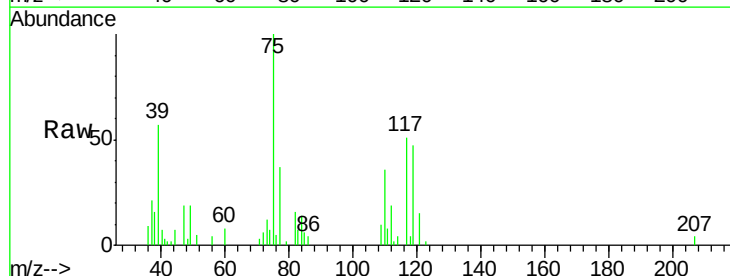


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

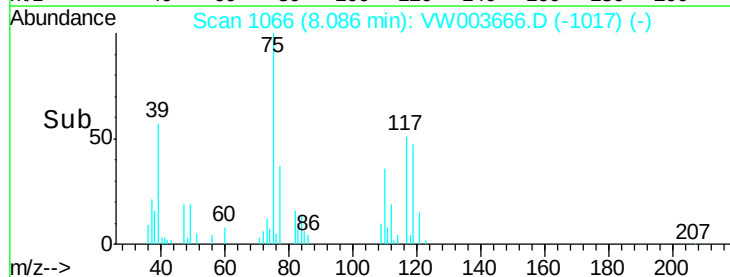
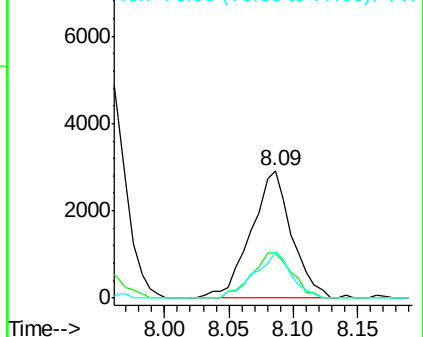


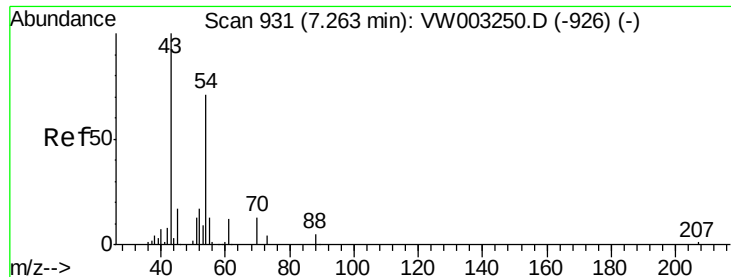
#36
 1,1-Dichloropropene
 Concen: 2.195 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Tgt Ion: 75 Resp: 6366
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.1 51.3
 77 32.8 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

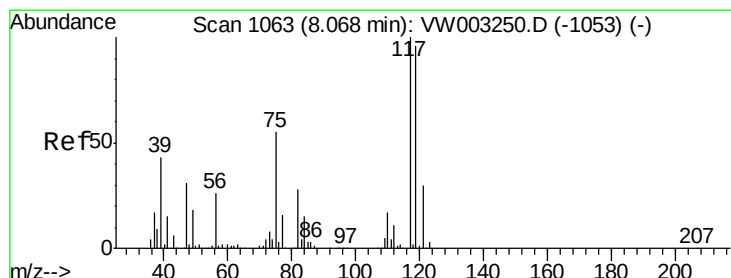
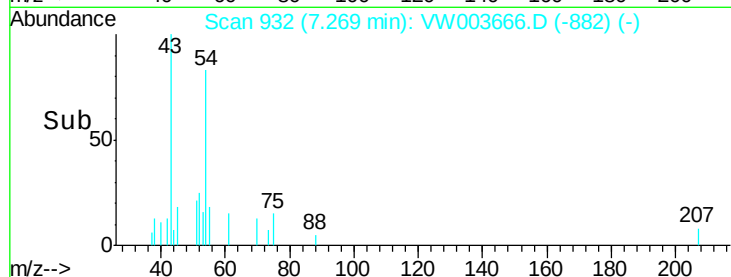
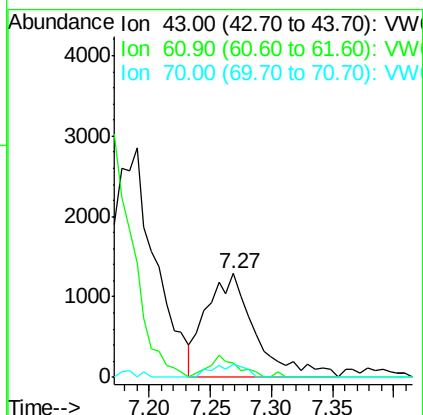
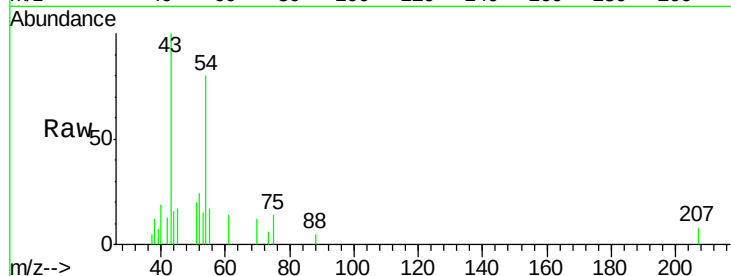




#37
Ethyl Acetate
Concen: 2.986 ug/l
RT: 7.27 min Scan# 932
Delta R.T. 0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

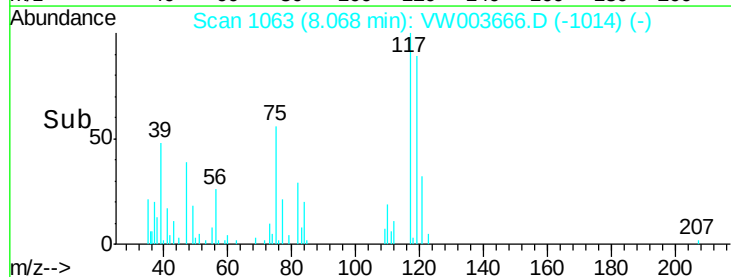
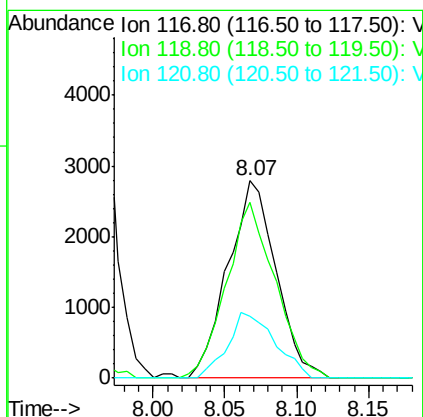
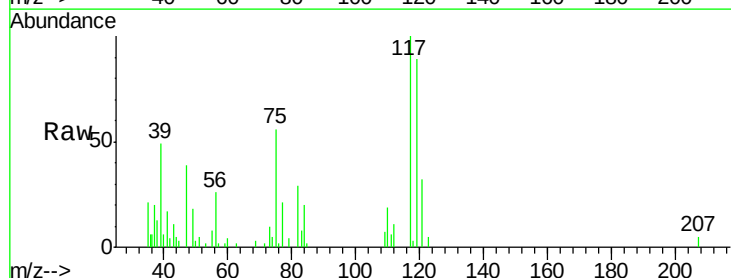
Instrument :
MSVOA_W
ClientSampled :

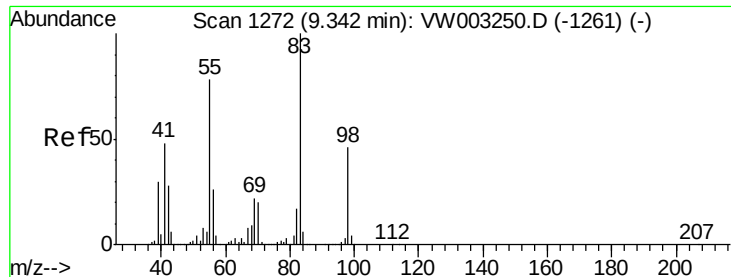
Tot Ion: 43 Resp: 3588
Ion Ratio Lower Upper
43 100
61 12.2 10.8 16.2
70 8.4 7.8 11.6



#38
Carbon Tetrachloride
Concen: 2.273 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 117 Resp: 6467
Ion Ratio Lower Upper
117 100
119 89.4 76.6 115.0
121 31.7 23.9 35.9

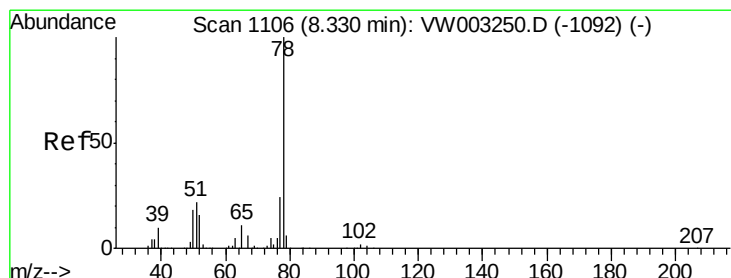
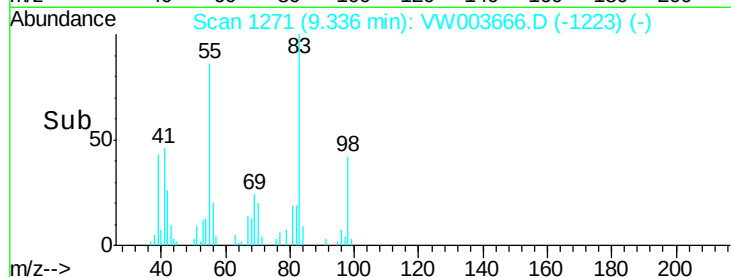
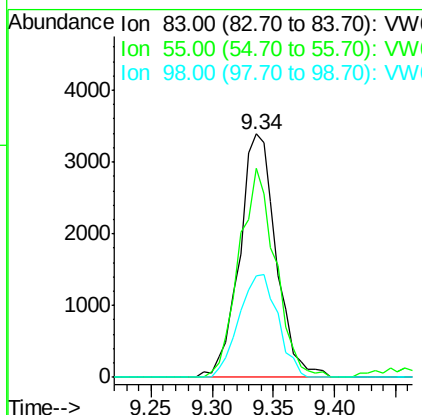
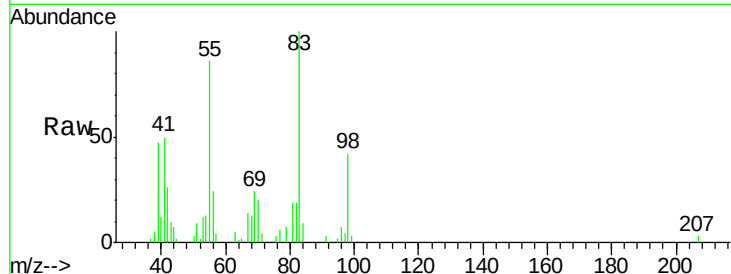




#39
Methylvlcyclohexane
Concen: 2.096 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

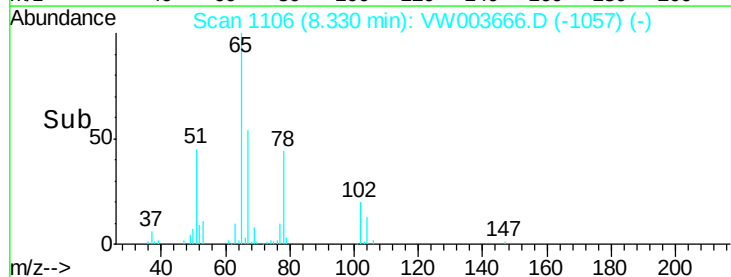
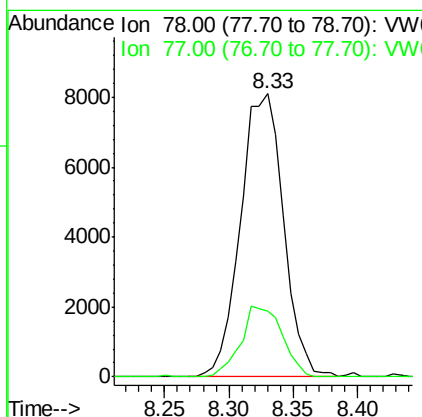
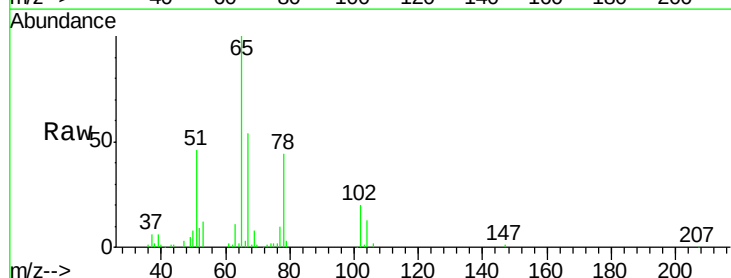
Instrument :
MSVOA_W
ClientSampleId :

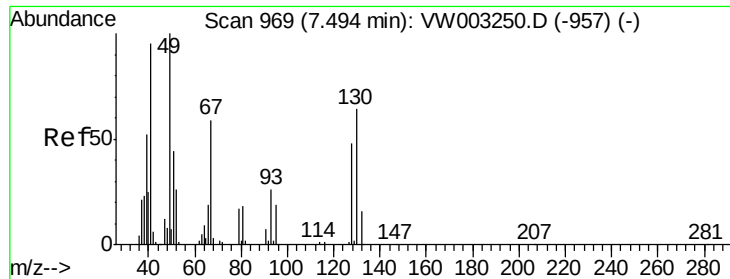
Tot Ion: 83 Resp: 7033
Ion Ratio Lower Upper
83 100
55 85.8 62.6 93.8
98 41.9 37.0 55.4



#40
Benzene
Concen: 2.343 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 78 Resp: 18729
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

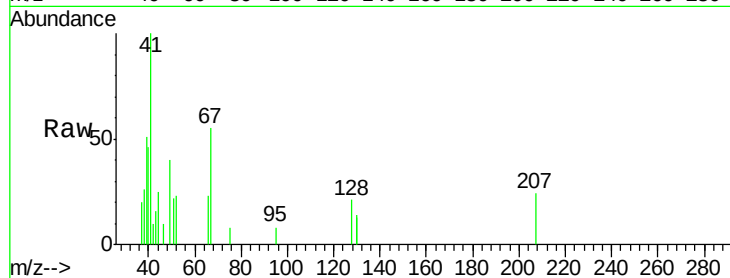




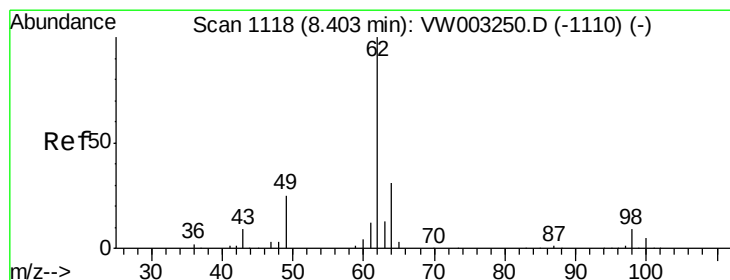
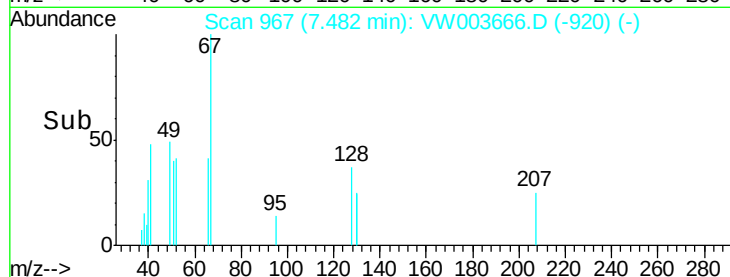
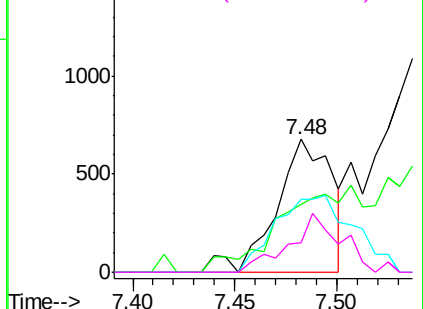
#41
Methacrylonitrile
Concen: 1.755 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.5	45.8	68.8#
67	79.9	52.3	78.5#
52	41.4	24.1	36.1#

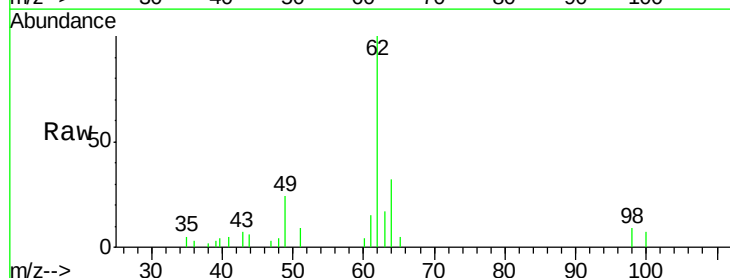


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

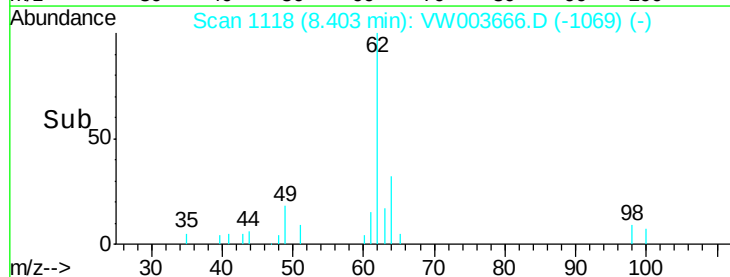
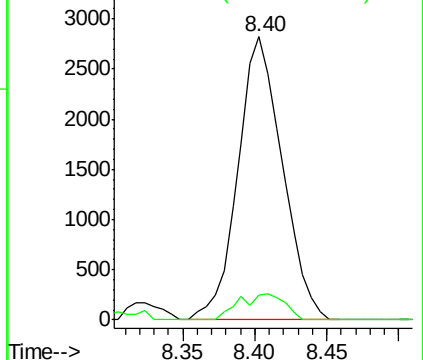


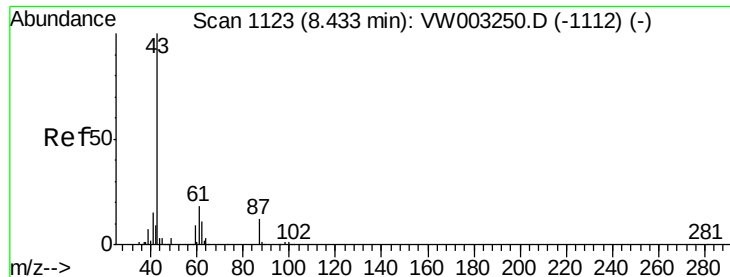
#42
1,2-Dichloroethane
Concen: 2.412 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	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: 2.237 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

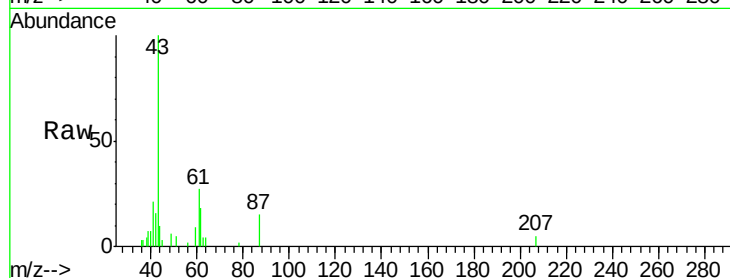
Tot Ion: 43 Resp: 5338

Ion Ratio Lower Upper

43 100

61 33.8 23.1 34.7

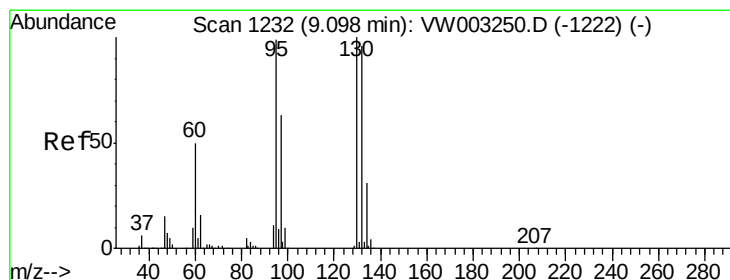
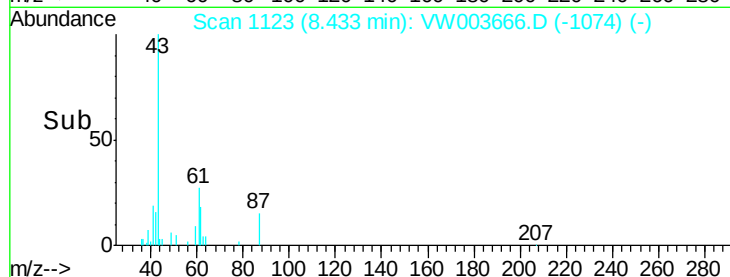
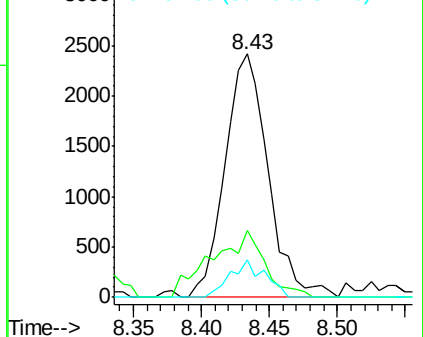
87 12.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 2.289 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003666.D

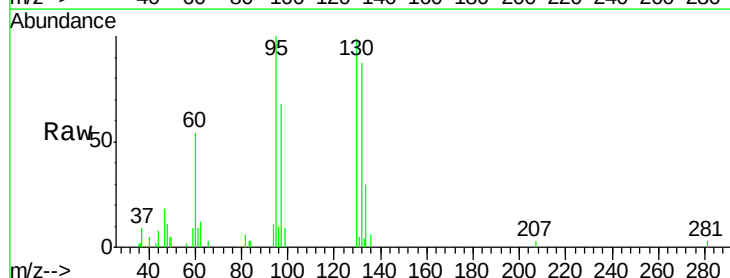
Acq: 29 Jun 2018 17:41

Tgt Ion: 130 Resp: 4850

Ion Ratio Lower Upper

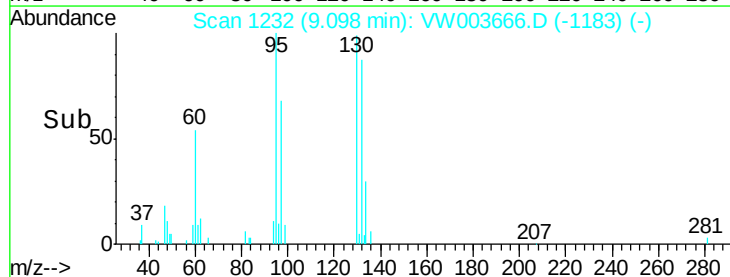
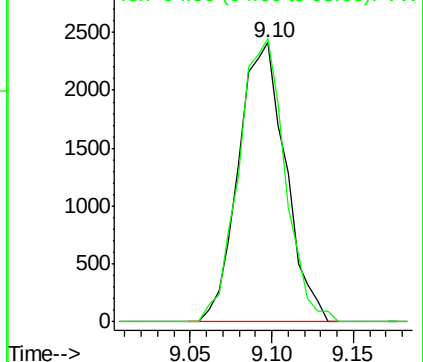
130 100

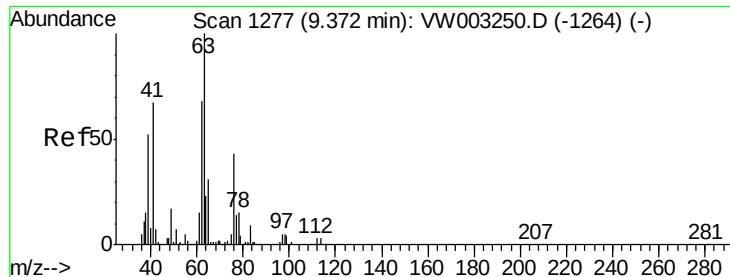
95 101.3 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

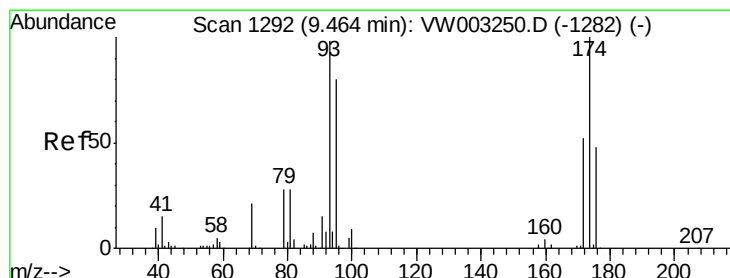
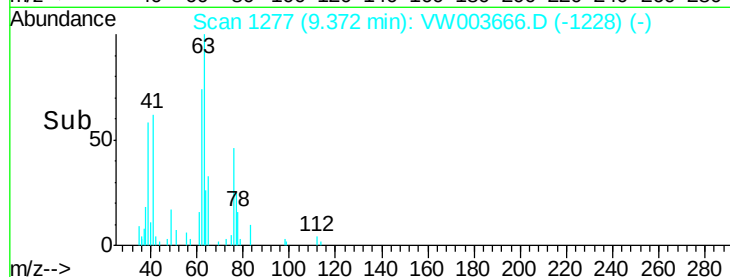
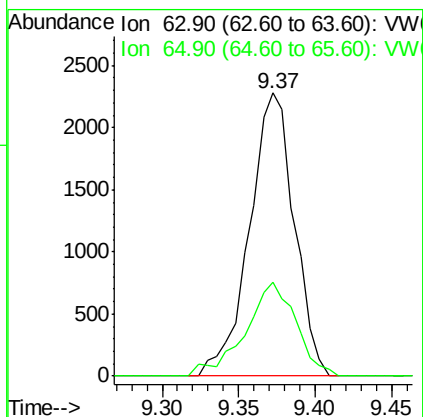
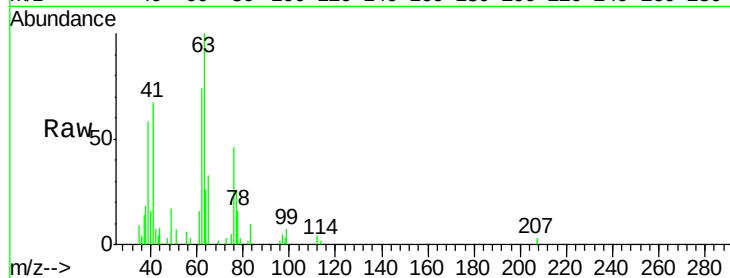




#45
 1,2-Dichloropropane
 Concen: 2.284 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

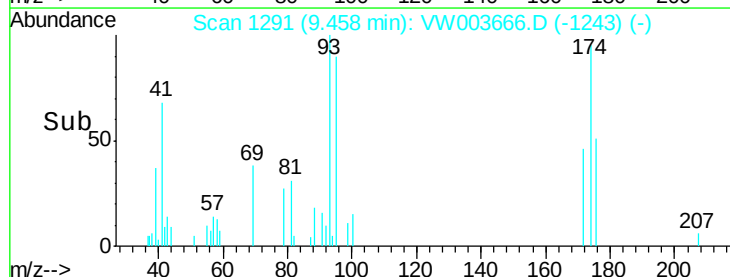
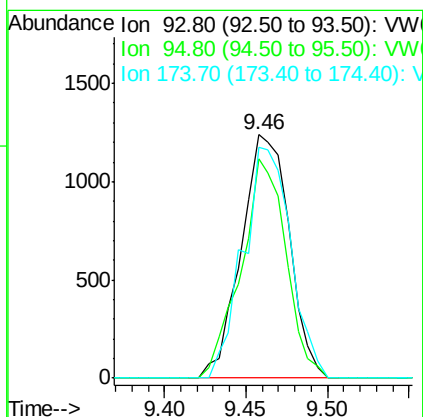
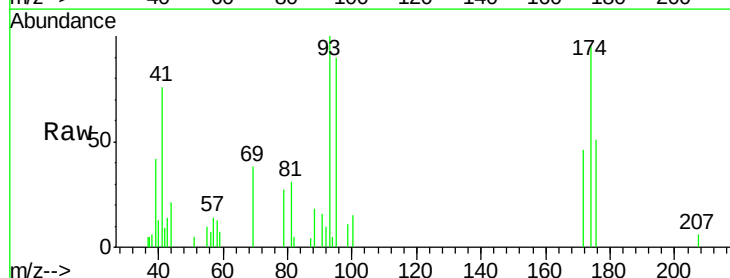
Instrument :
 MSVOA_W
 ClientSampled :

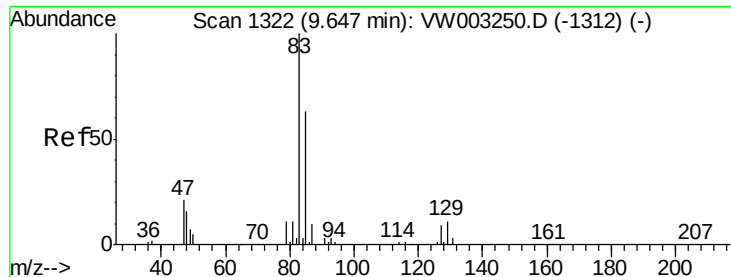
Tot Ion: 63 Resp: 4650
 Ion Ratio Lower Upper
 63 100
 65 33.3 25.1 37.7



#46
 Dibromomethane
 Concen: 2.437 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Tgt Ion: 93 Resp: 2540
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.8 98.8
 174 94.1 81.4 122.0





#47

Bromodichloromethane

Concen: 2.288 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

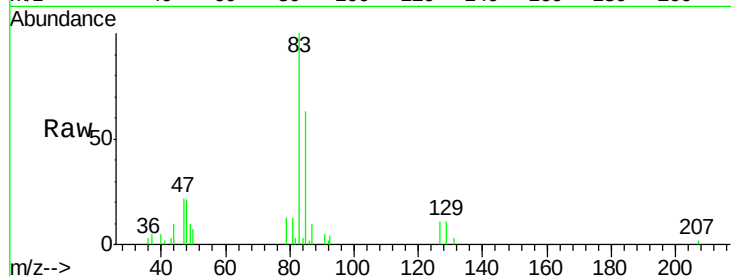
Tot Ion: 83 Resp: 6112

Ion Ratio Lower Upper

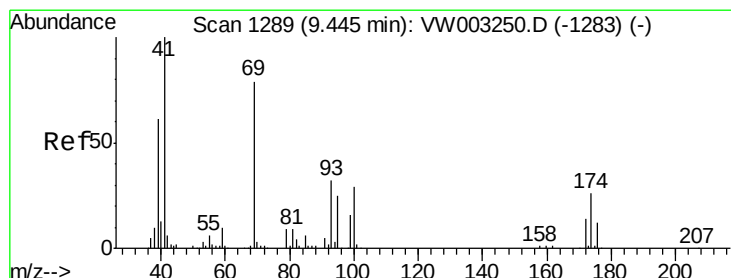
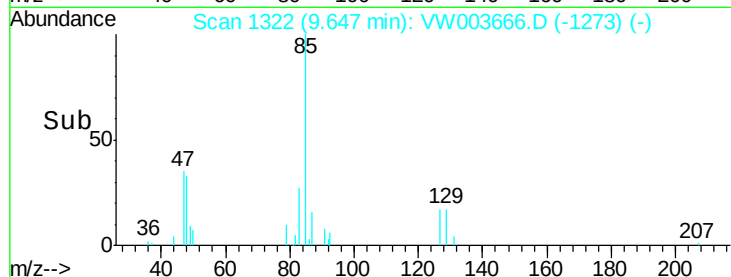
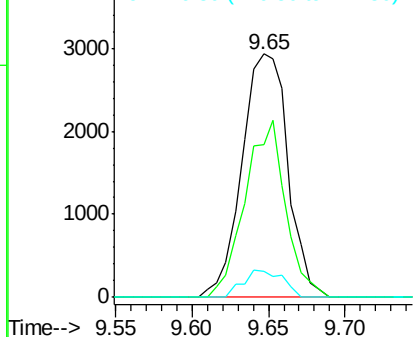
83 100

85 62.8 50.6 75.8

127 10.8 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: 2.032 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

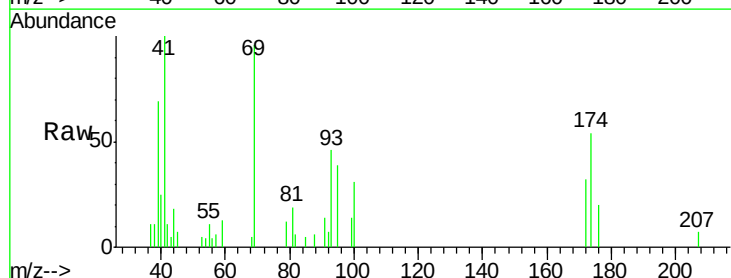
Tgt Ion: 41 Resp: 2278

Ion Ratio Lower Upper

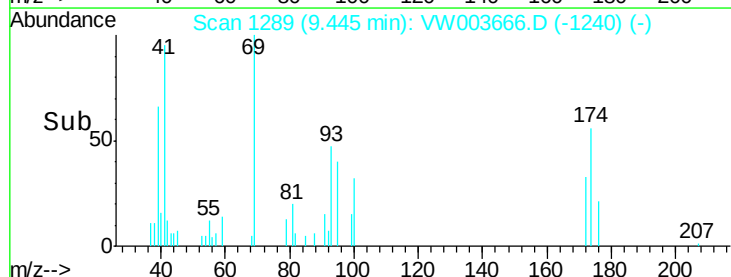
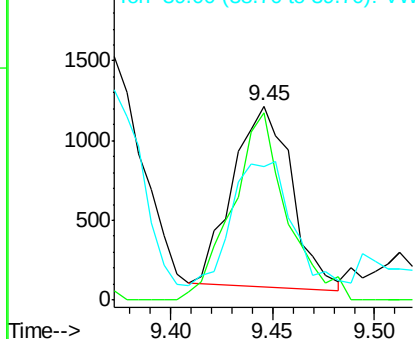
41 100

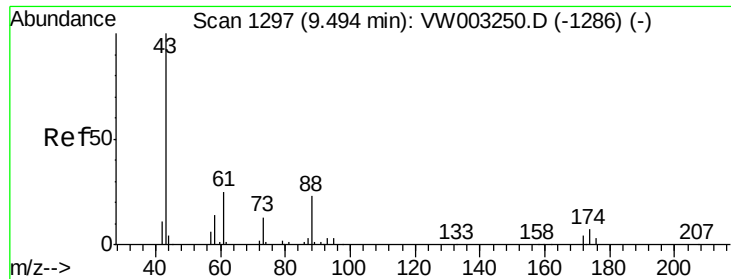
69 95.9 65.4 98.2

39 88.0 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

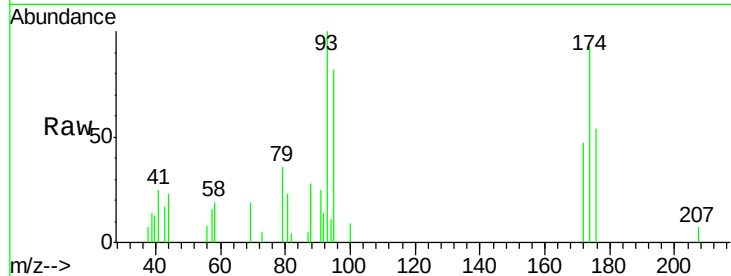




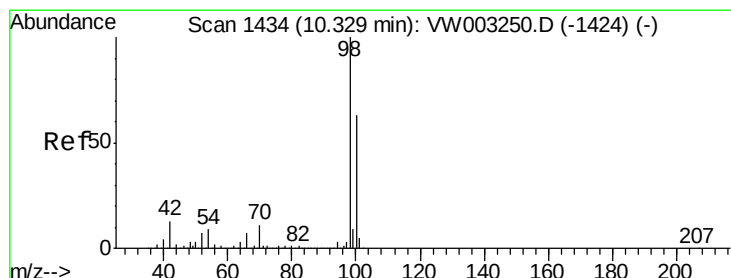
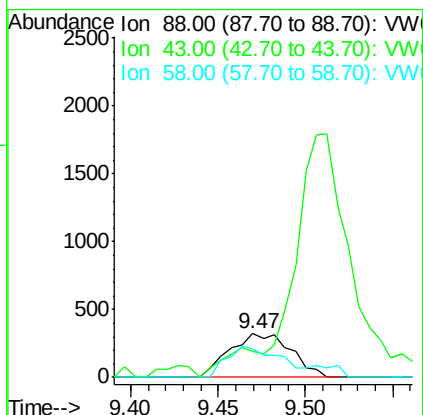
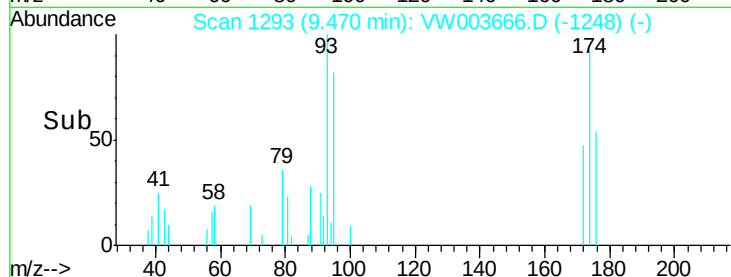
#49
 1,4-Dioxane
 Concen: 49.566 ug/l
 RT: 9.47 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 88 Resp: 780
 Ion Ratio Lower Upper
 88 100
 43 44.2 454.7 682.1#
 58 62.9 58.6 88.0

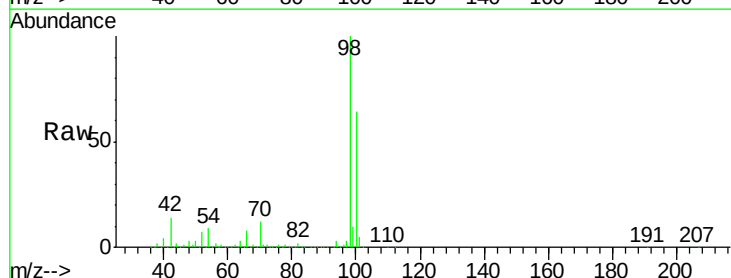


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

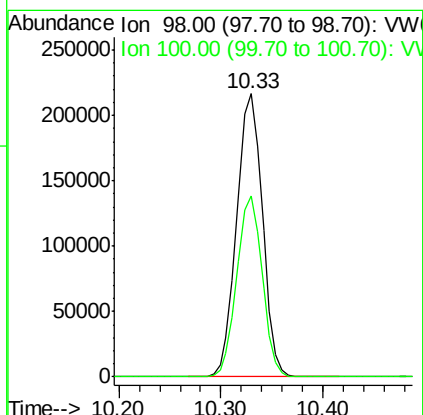
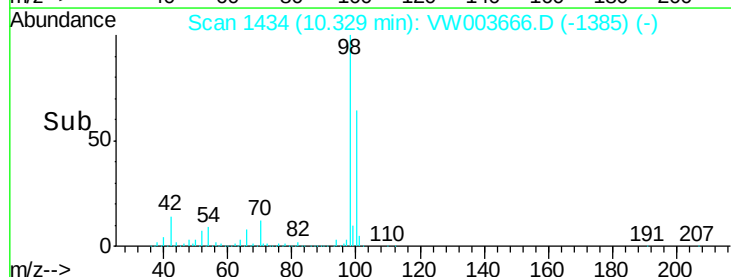


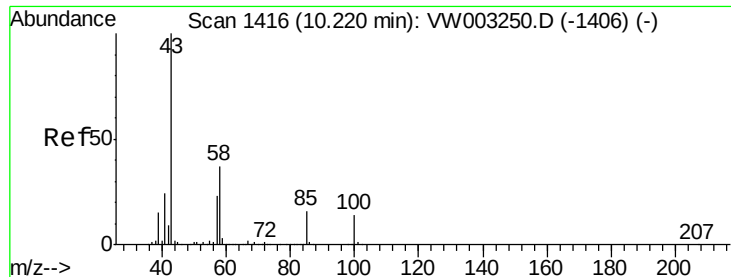
#50
 Toluene-d8
 Concen: 51.125 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Tgt Ion: 98 Resp: 378331
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.8 76.2



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

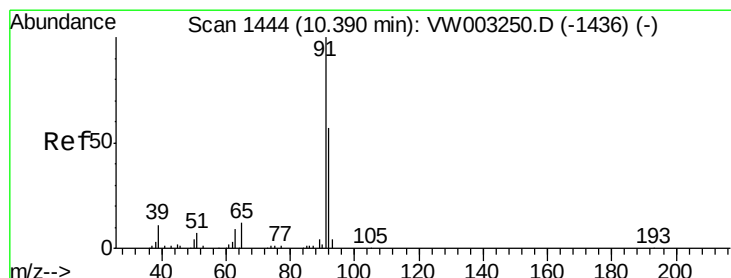
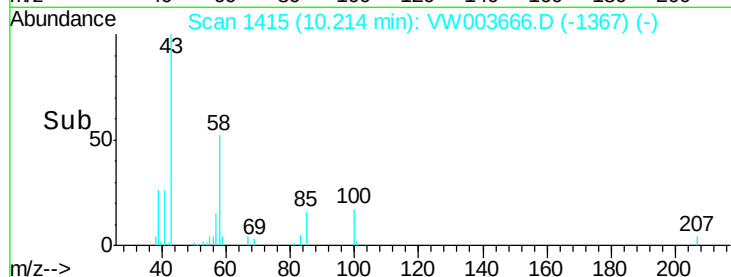
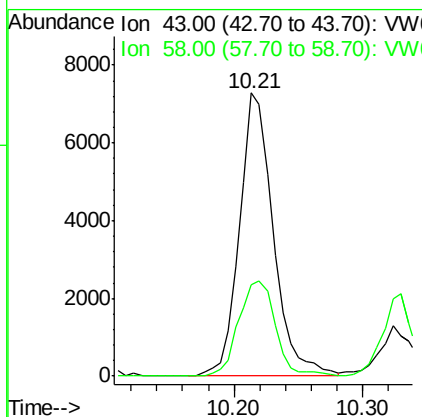
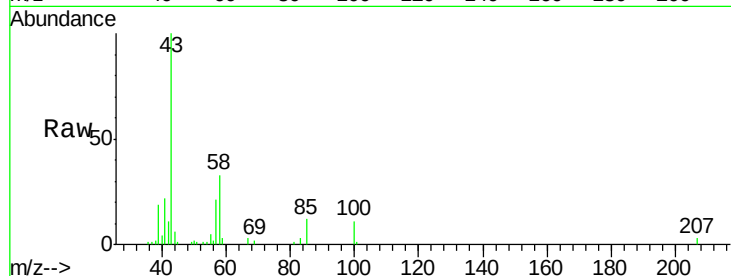




#51
 4-Methyl-2-Pentanone
 Concen: 10.906 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

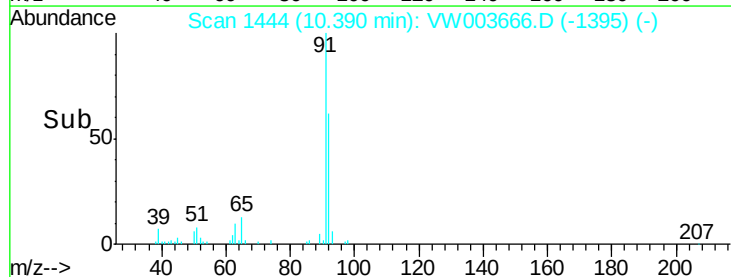
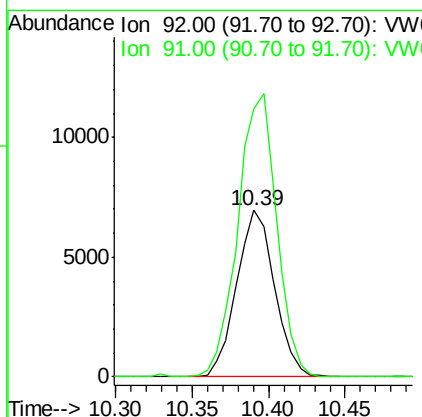
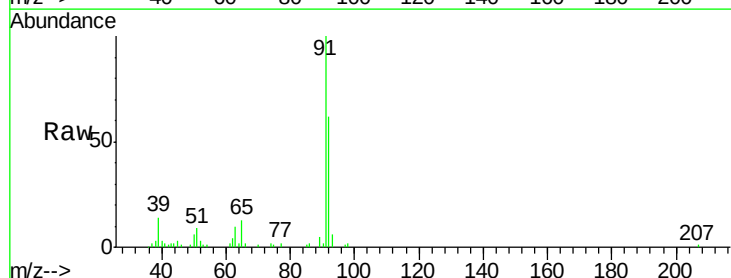
Instrument :
 MSVOA_W
 ClientSampled :

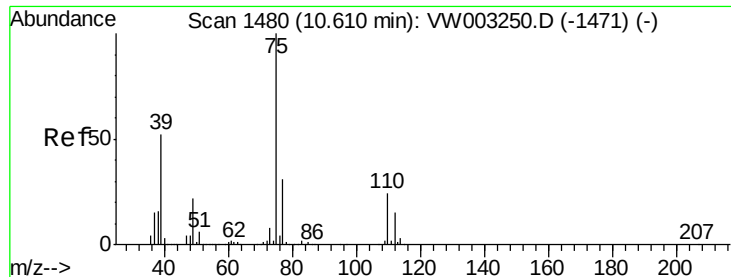
Tot Ion: 43 Resp: 13260
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.0 43.4



#52
 Toluene
 Concen: 2.331 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Tgt Ion: 92 Resp: 11950
 Ion Ratio Lower Upper
 92 100
 91 174.4 141.1 211.7

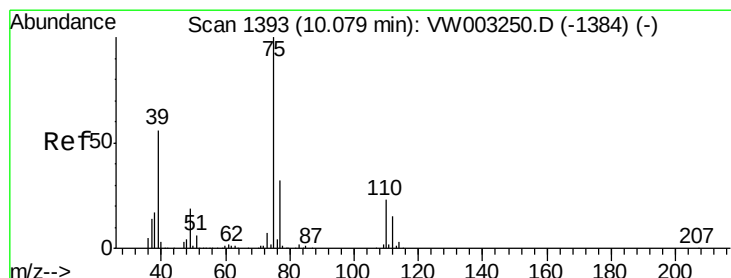
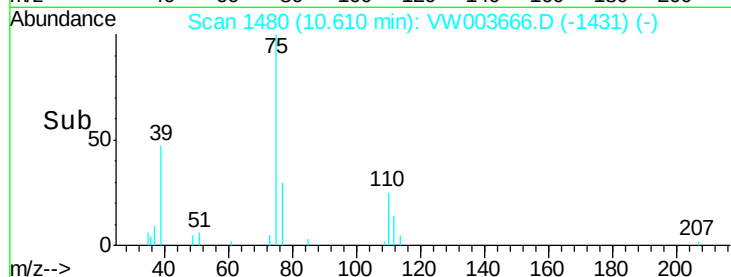
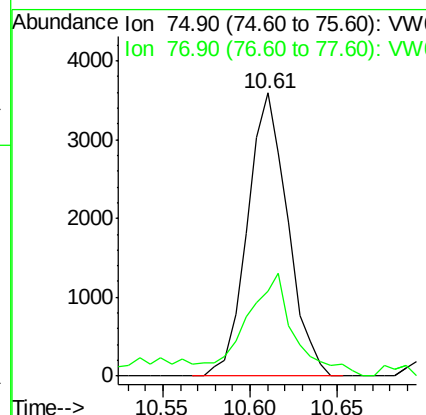
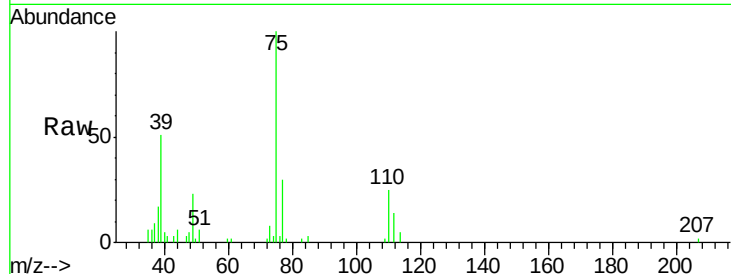




#53
t-1,3-Dichloropropene
Concen: 2.104 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

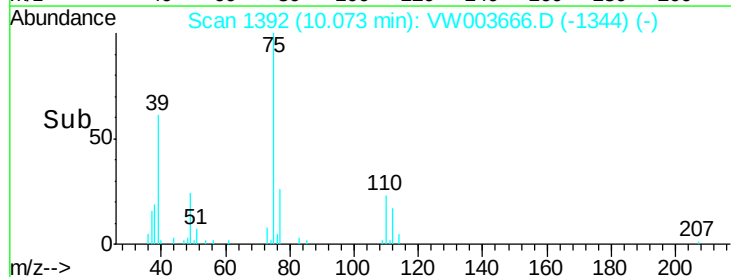
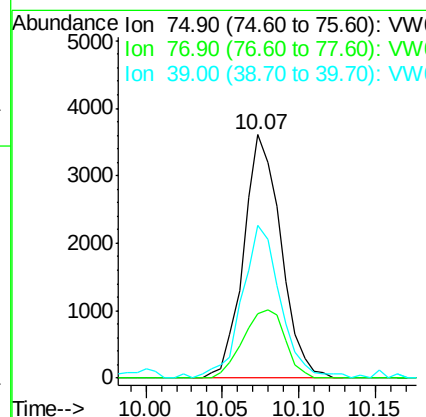
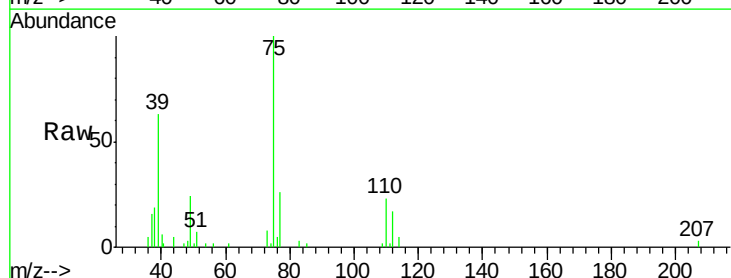
Instrument :
MSVOA_W
ClientSampled :

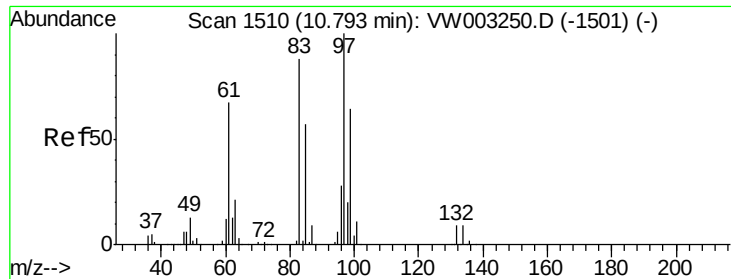
Tot Ion: 75 Resp: 5742
Ion Ratio Lower Upper
75 100
77 25.9 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 1.974 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 75 Resp: 6132
Ion Ratio Lower Upper
75 100
77 26.4 25.8 38.6
39 63.0 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 2.499 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

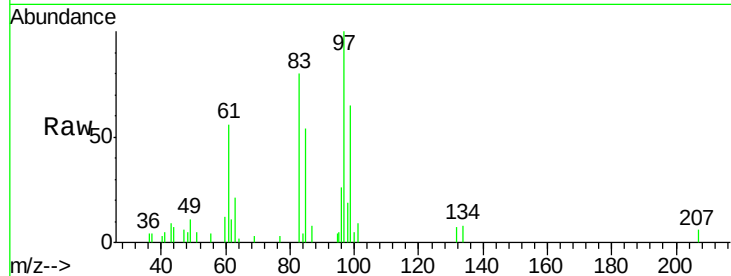
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 3670

Ion	Ratio	Lower	Upper
97	100		
83	79.5	70.2	105.2
85	53.5	45.6	68.4
99	64.7	51.2	76.8

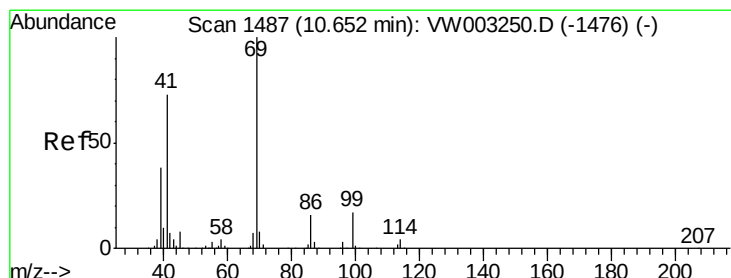
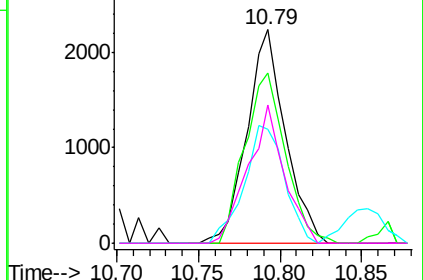
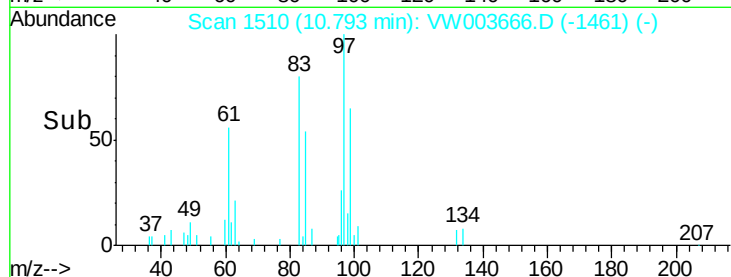


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 1.839 ug/l

RT: 10.65 min Scan# 1487

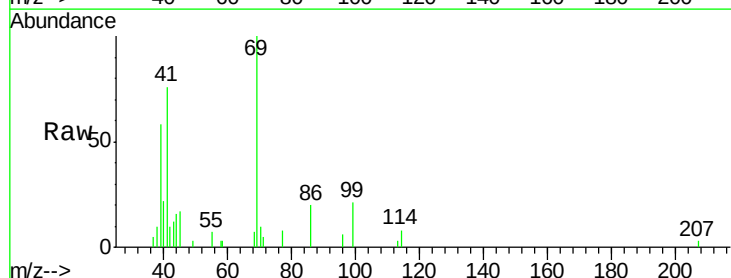
Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Tgt Ion: 69 Resp: 3279

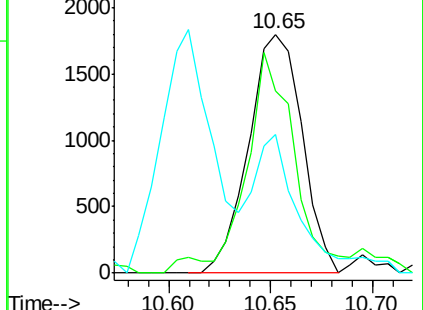
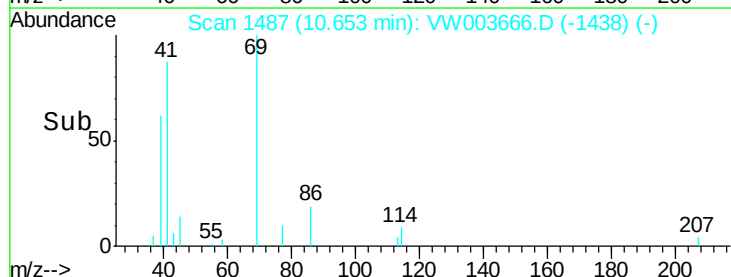
Ion	Ratio	Lower	Upper
69	100		
41	84.7	57.8	86.6
39	51.0	32.7	49.1

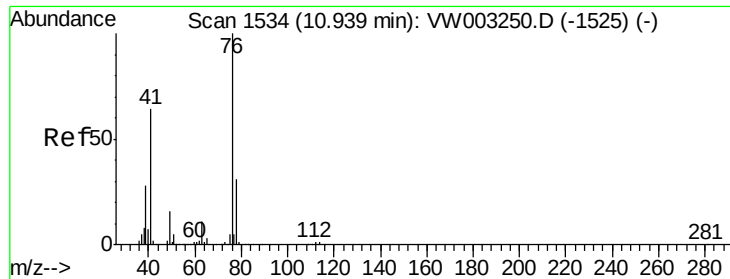


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

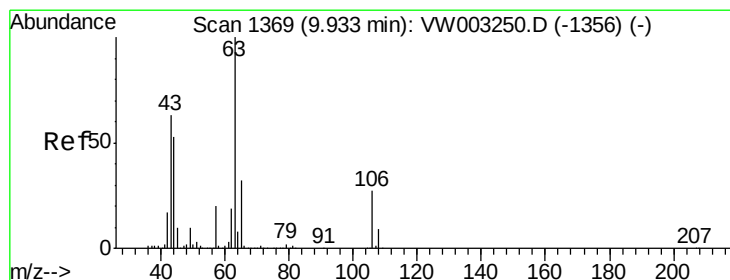
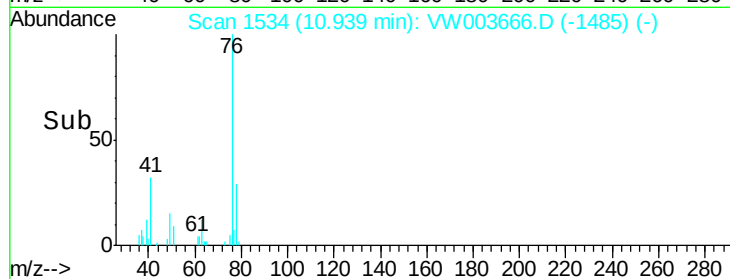
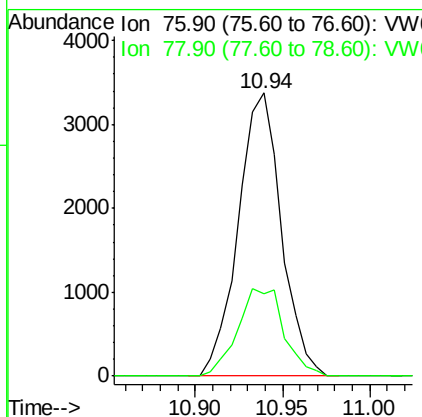
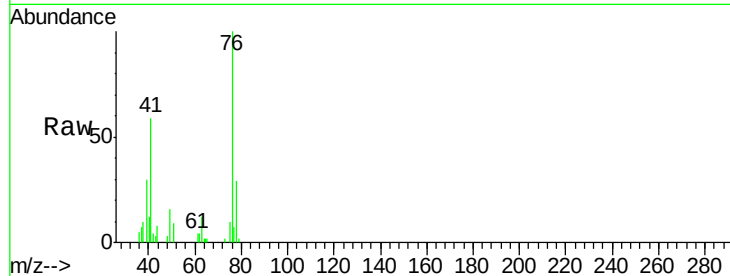




#57
 1,3-Dichloropropane
 Concen: 2.284 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

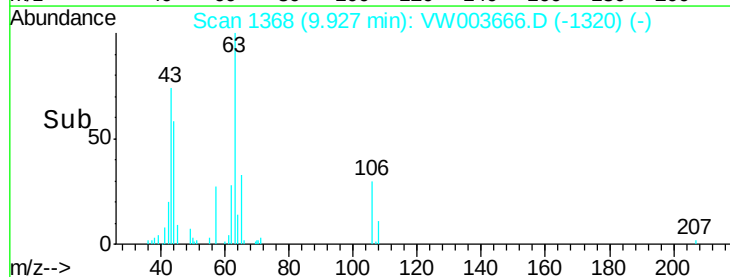
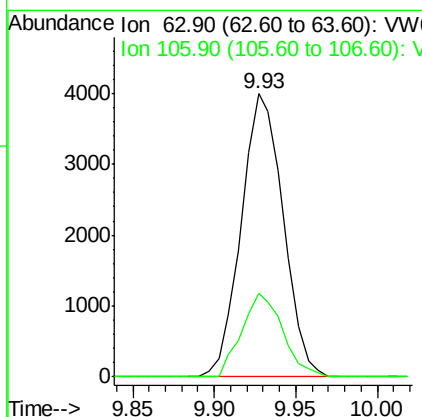
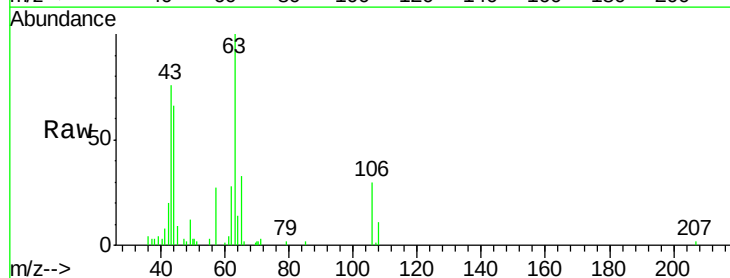
Instrument :
 MSVOA_W
 ClientSampled :

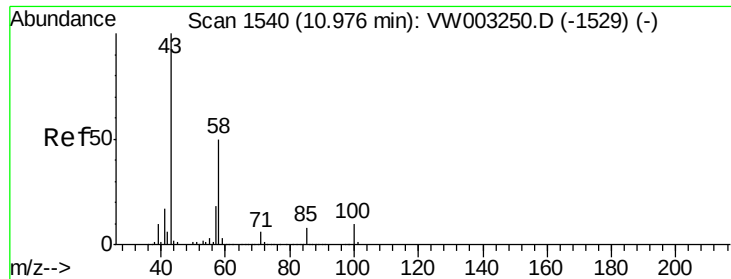
Tot Ion: 76 Resp: 5786
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 8.942 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Tgt Ion: 63 Resp: 7149
 Ion Ratio Lower Upper
 63 100
 106 28.7 21.8 32.8

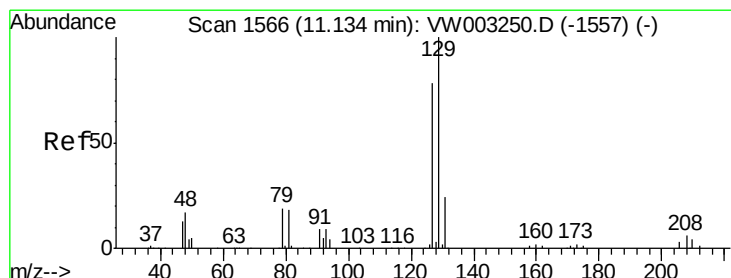
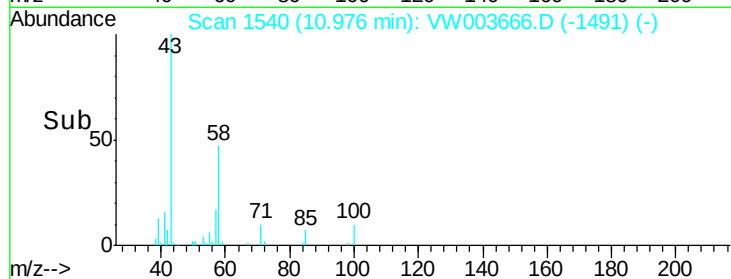
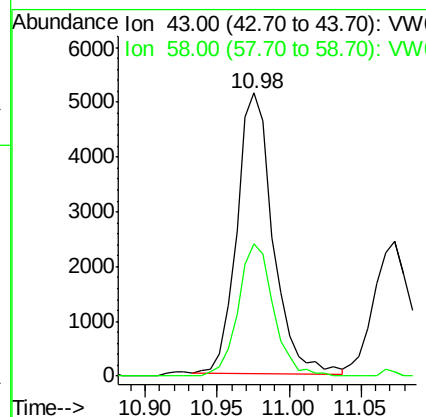
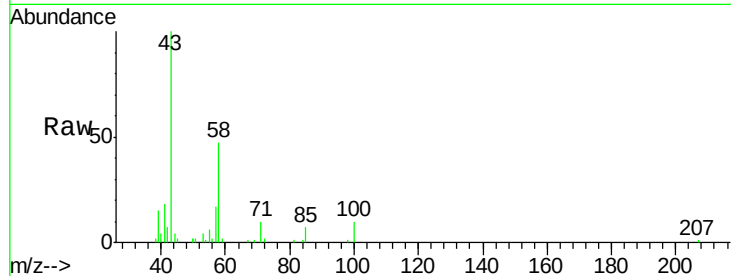




#59
2-Hexanone
Concen: 10.516 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

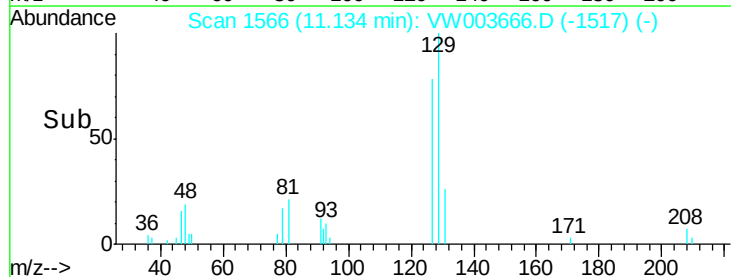
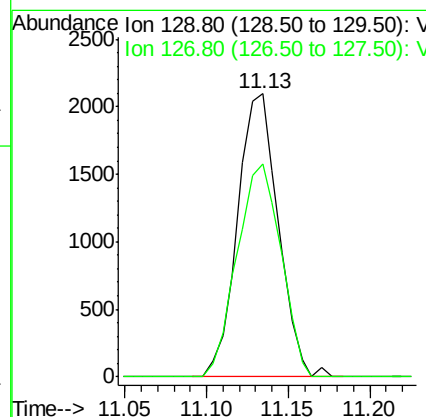
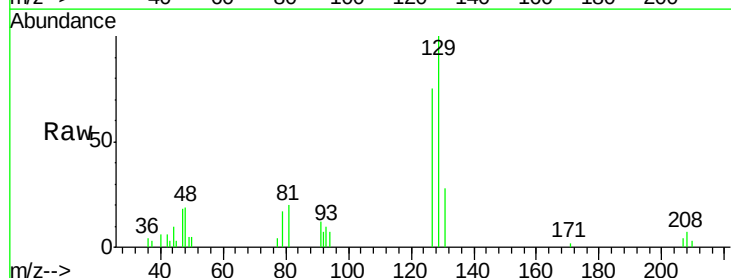
Instrument :
MSVOA_W
ClientSampled :

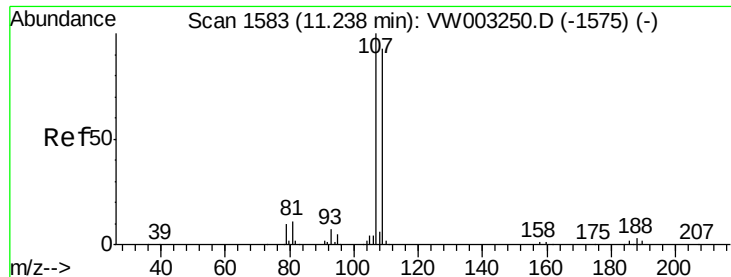
Tot Ion: 43 Resp: 8932
Ion Ratio Lower Upper
43 100
58 46.1 25.0 75.0



#60
Dibromochloromethane
Concen: 2.087 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 129 Resp: 3645
Ion Ratio Lower Upper
129 100
127 81.1 39.1 117.5





#61

1,2-Dibromoethane

Concen: 2.284 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

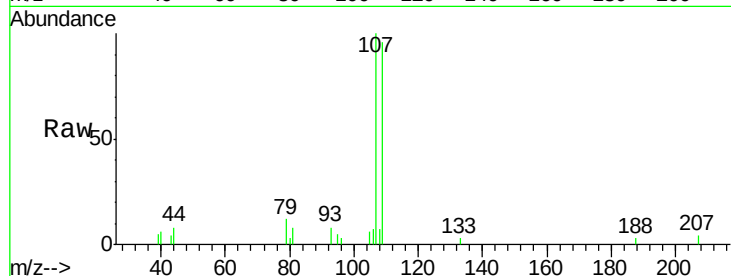
ClientSampleId :

Tot Ion: 107 Resp: 3173

Ion Ratio Lower Upper

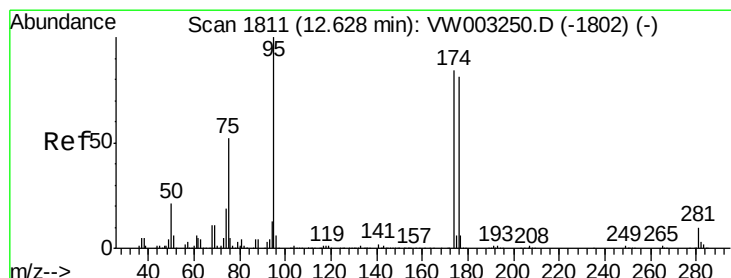
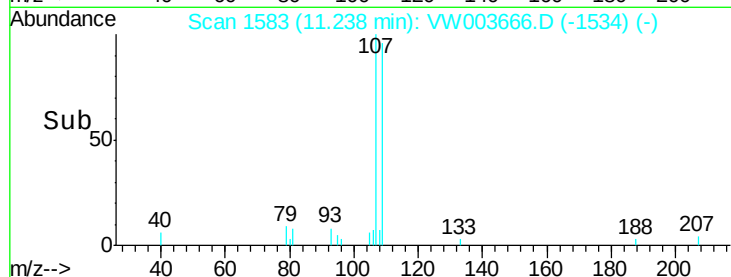
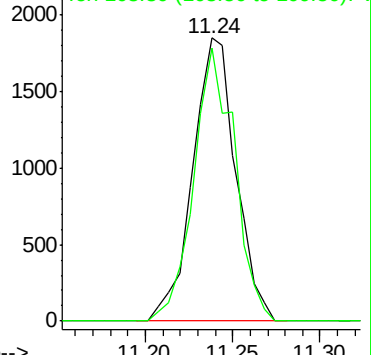
107 100

109 91.3 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: 50.373 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

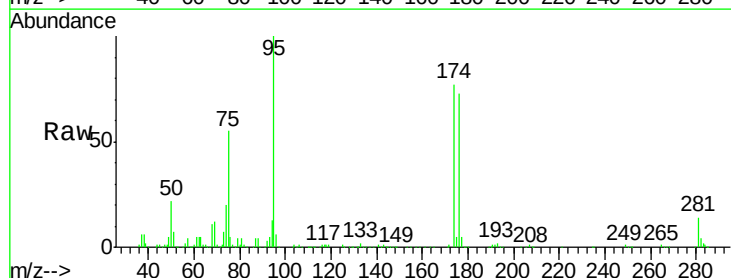
Tgt Ion: 95 Resp: 131918

Ion Ratio Lower Upper

95 100

174 82.5 0.0 166.4

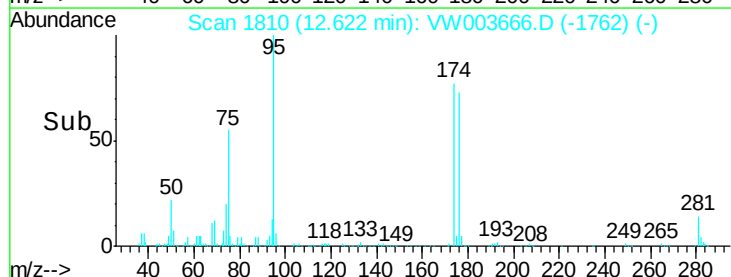
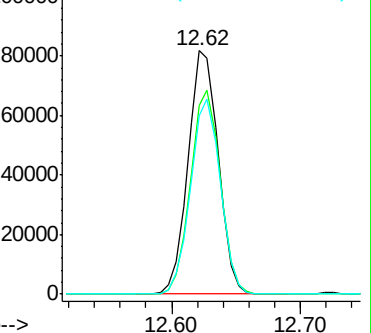
176 78.9 0.0 162.0

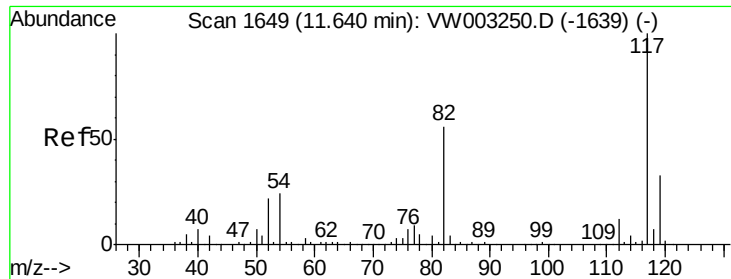


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

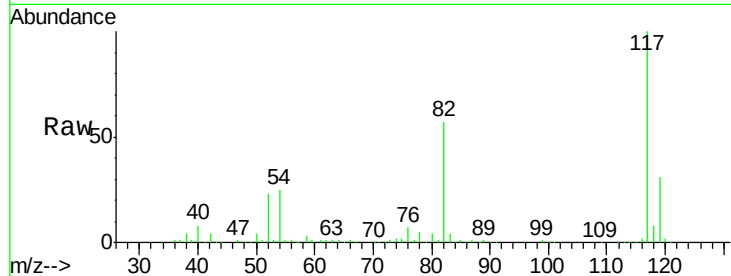




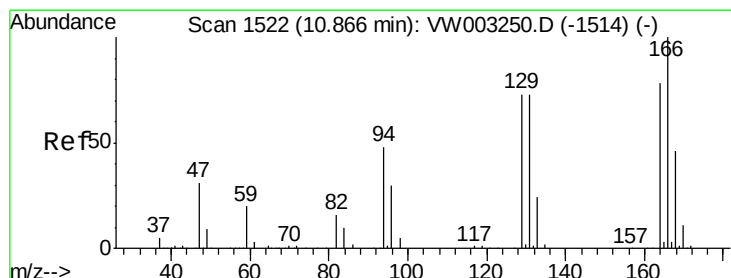
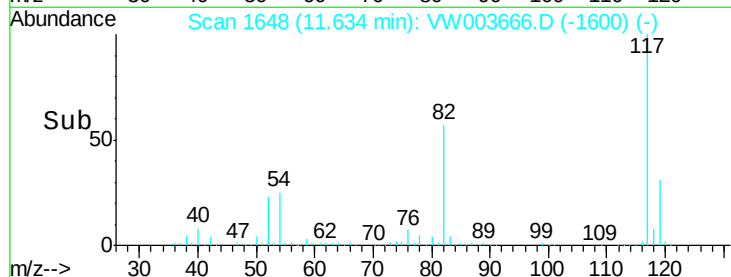
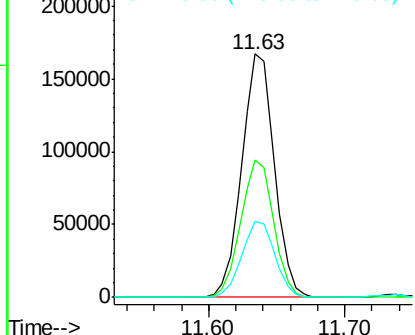
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 279703
Ion Ratio Lower Upper
117 100
82 56.6 44.6 67.0
119 31.4 26.7 40.1

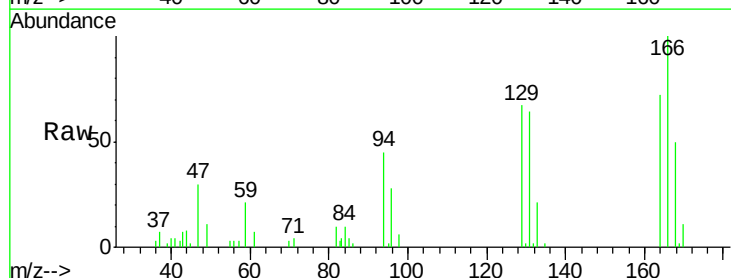


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

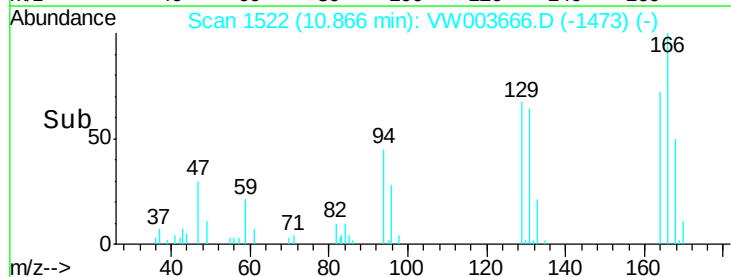
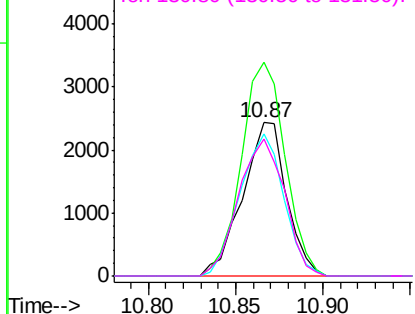


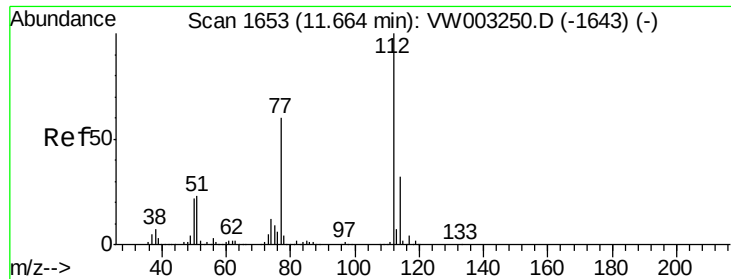
#64
Tetrachloroethene
Concen: 2.274 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion:164 Resp: 4254
Ion Ratio Lower Upper
164 100
166 139.5 102.6 154.0
129 93.1 75.2 112.8
131 89.6 75.0 112.4



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

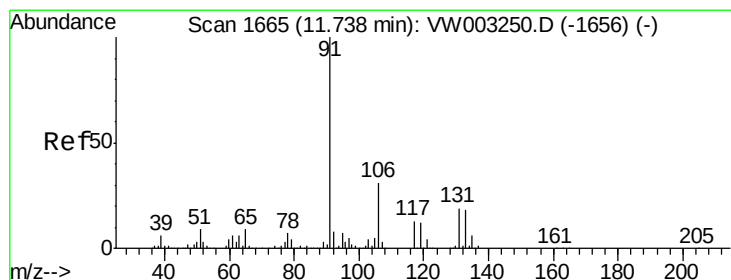
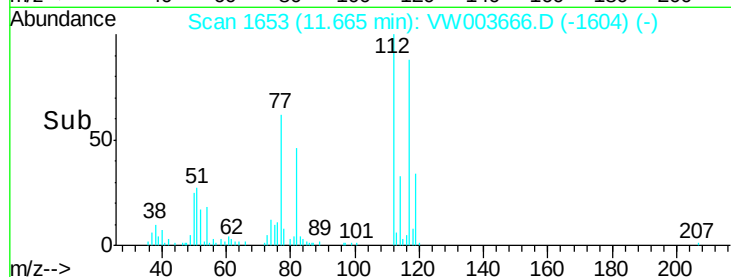
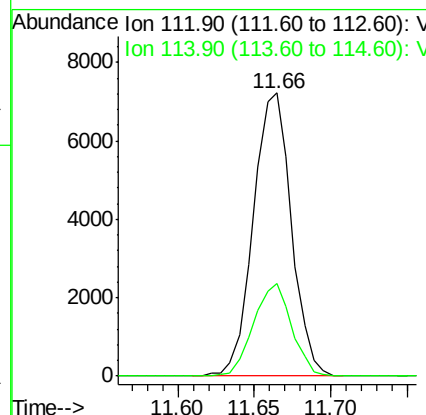
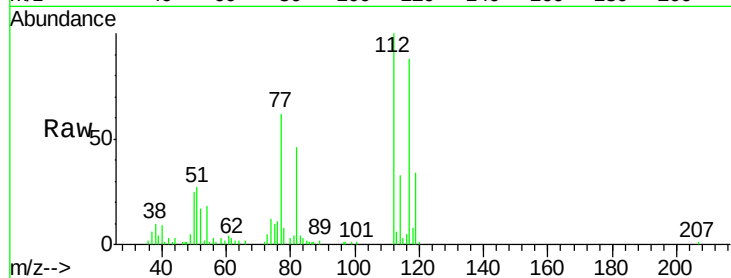




#65
Chlorobenzene
Concen: 2.148 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

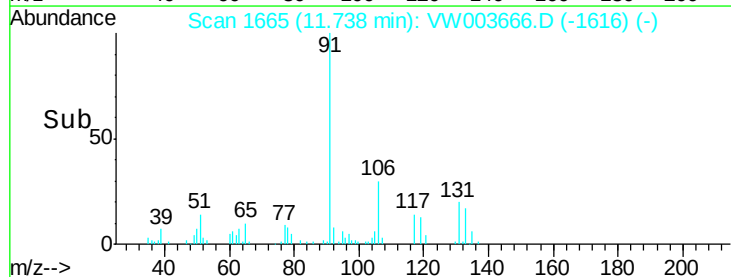
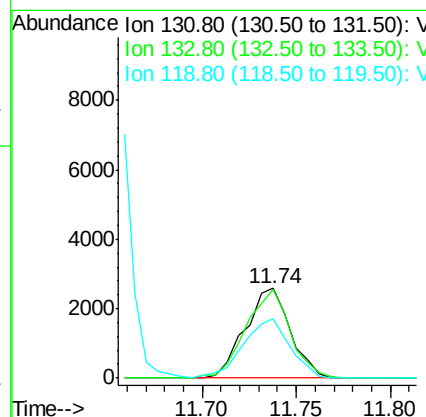
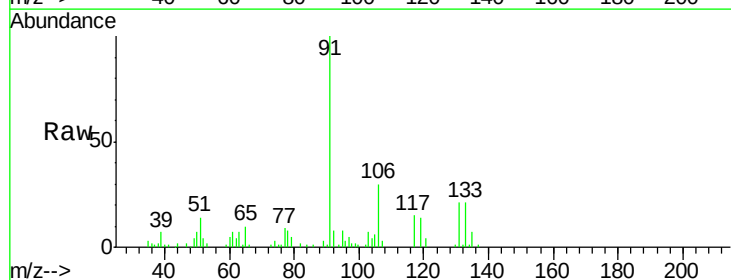
Instrument :
MSVOA_W
ClientSampleId :

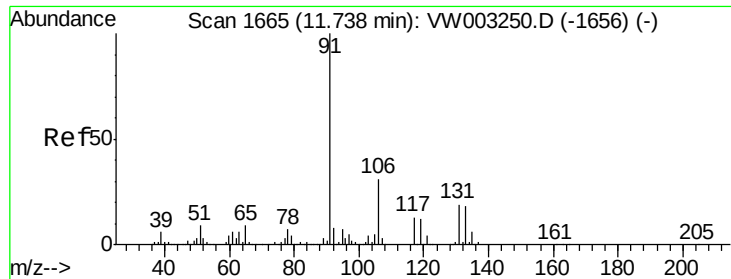
Tot Ion:112 Resp: 12510
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 2.088 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion:131 Resp: 4273
Ion Ratio Lower Upper
131 100
133 97.1 47.3 142.0
119 68.9 32.5 97.4

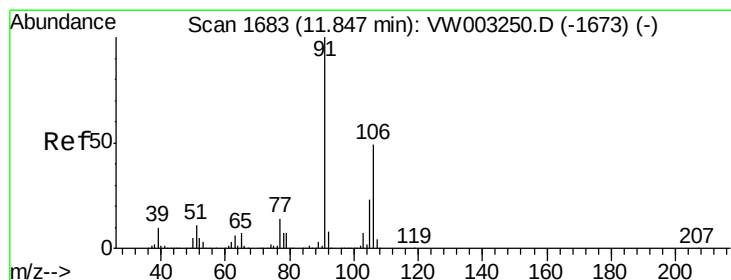
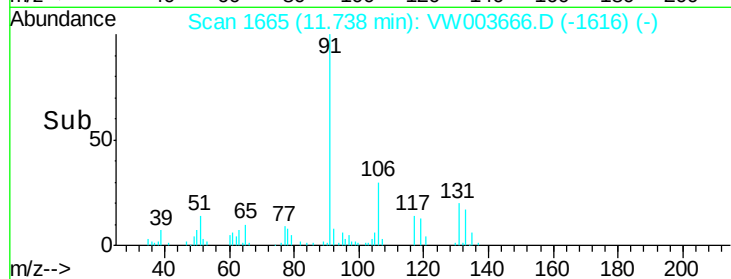
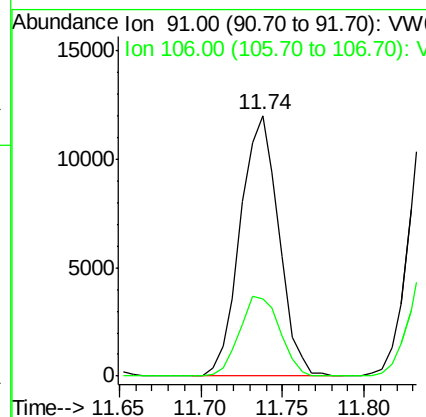
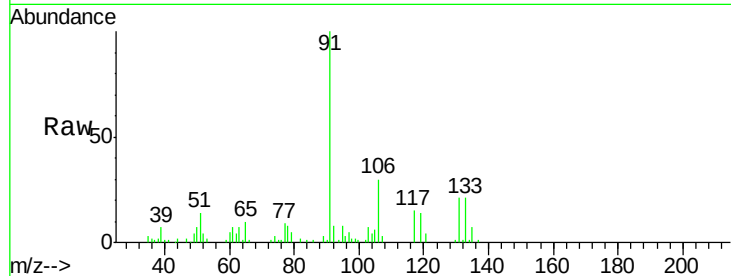




#67
Ethyl Benzene
Concen: 1.910 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

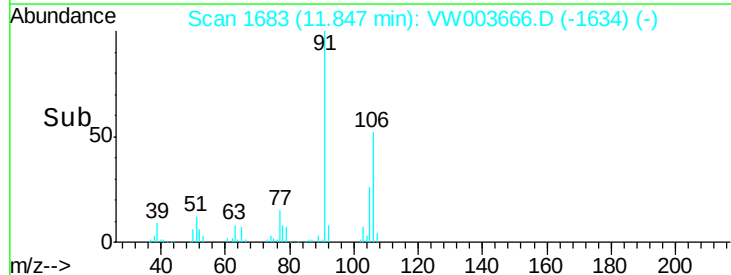
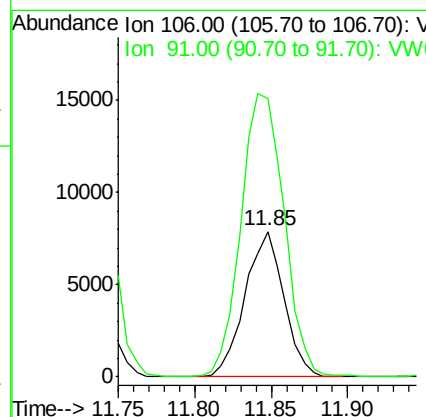
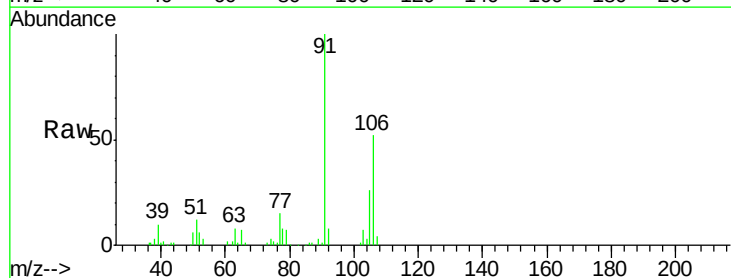
Instrument :
MSVOA_W
ClientSampled :

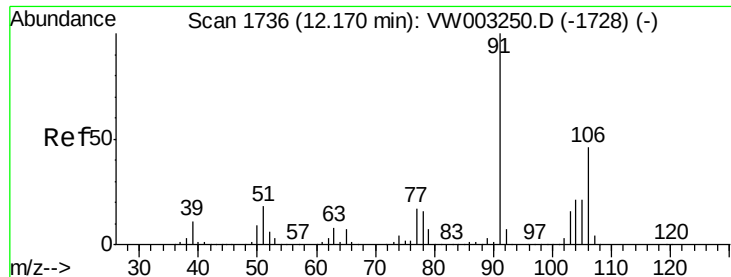
Tot Ion: 91 Resp: 19724
Ion Ratio Lower Upper
91 100
106 29.5 24.7 37.1



#68
m/p-Xylenes
Concen: 3.559 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 106 Resp: 13968
Ion Ratio Lower Upper
106 100
91 216.2 165.4 248.0

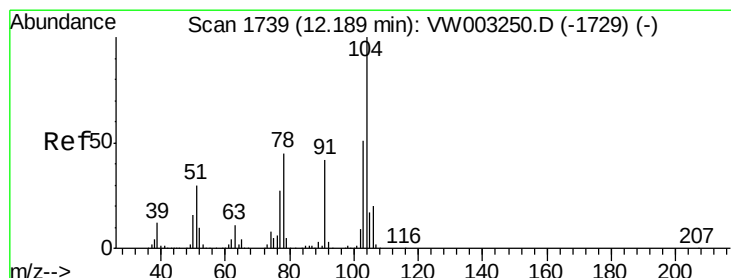
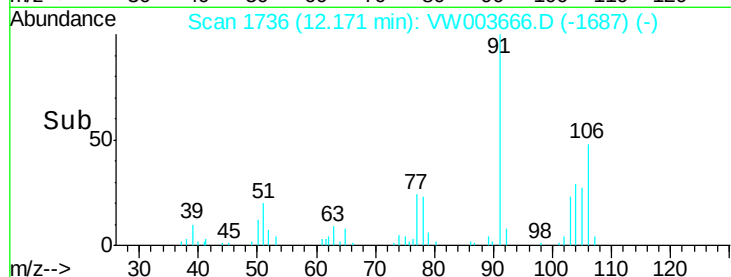
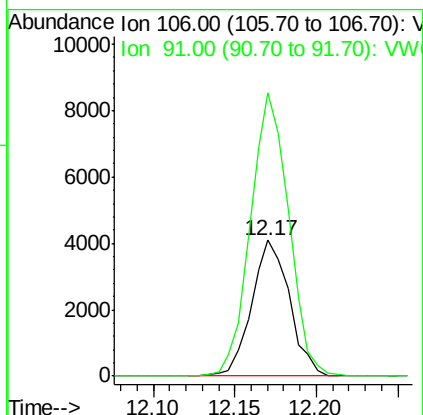
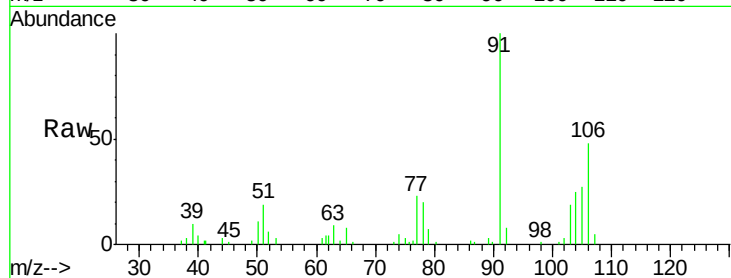




#69
o-Xylene
Concen: 1.809 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

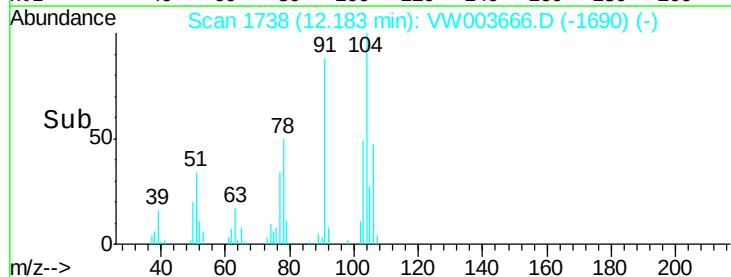
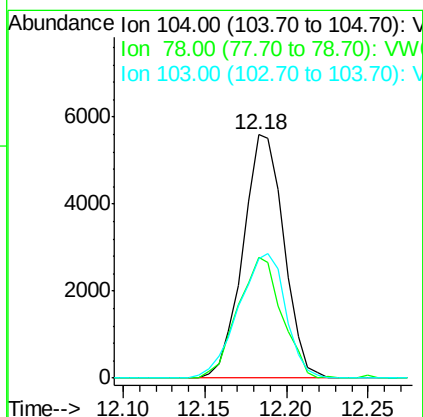
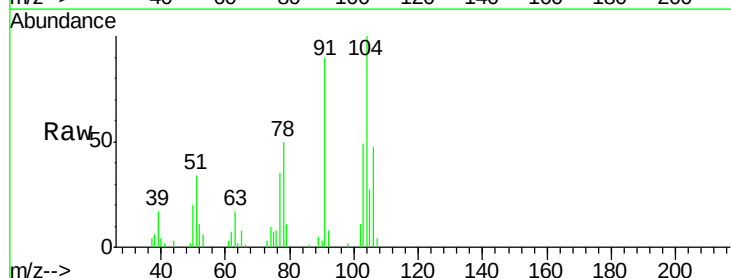
Instrument :
MSVOA_W
ClientSampled :

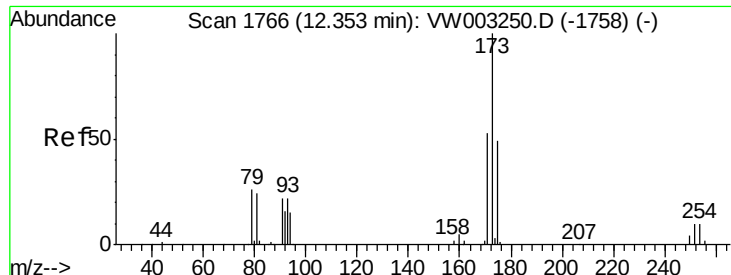
Tot Ion:106 Resp: 6581
Ion Ratio Lower Upper
106 100
91 211.4 108.6 325.6



#70
Styrene
Concen: 1.619 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion:104 Resp: 9805
Ion Ratio Lower Upper
104 100
78 53.6 41.3 61.9
103 58.5 45.0 67.4

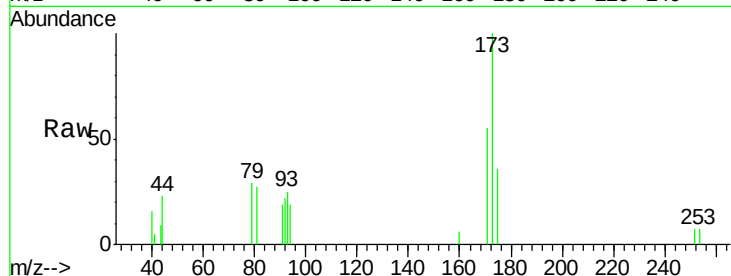




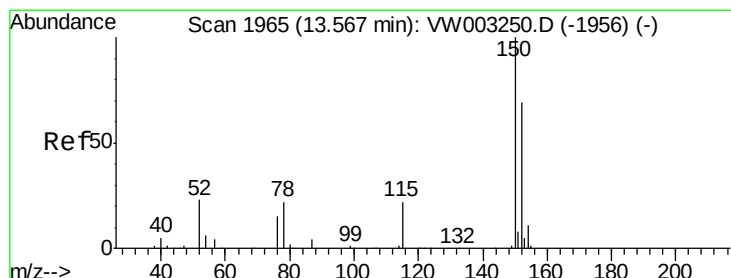
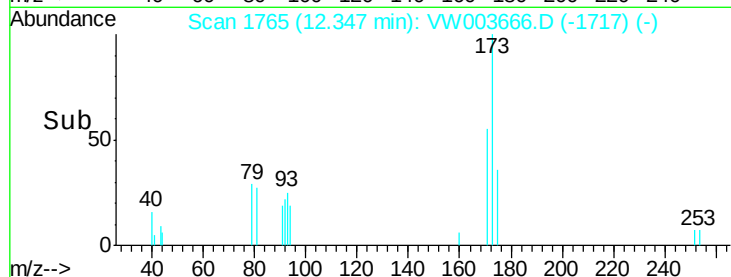
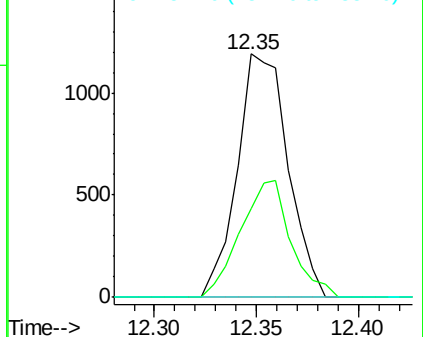
#71
Bromoform
Concen: 1.935 ug/l
RT: 12.35 min Scan# 1765
Delta R.T. -0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 2053
Ion Ratio Lower Upper
173 100
175 47.7 24.4 73.4
254 0.0 0.1 0.1#

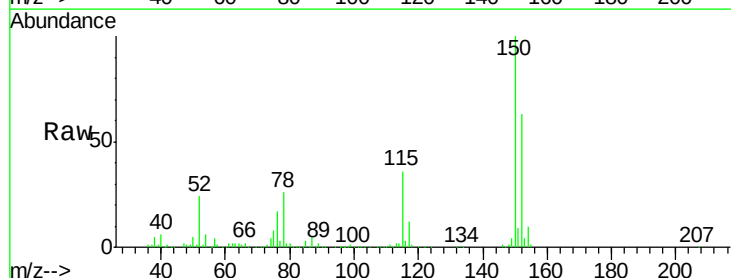


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

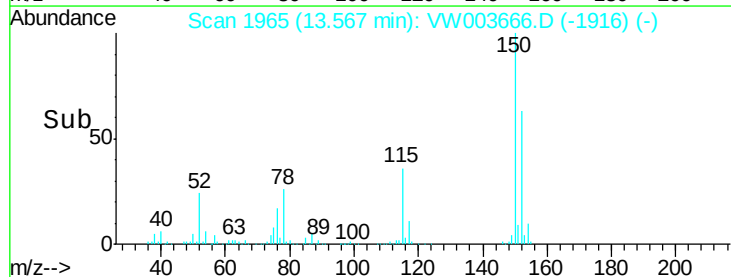
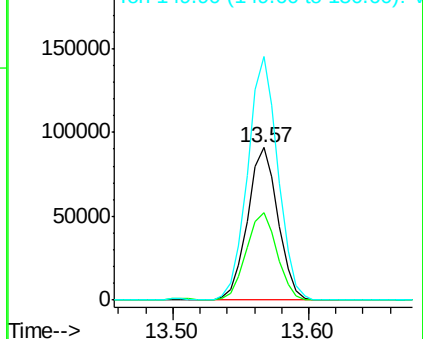


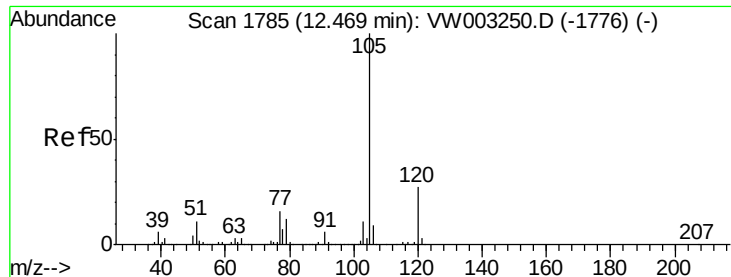
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion:152 Resp: 142478
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 158.3 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.718 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

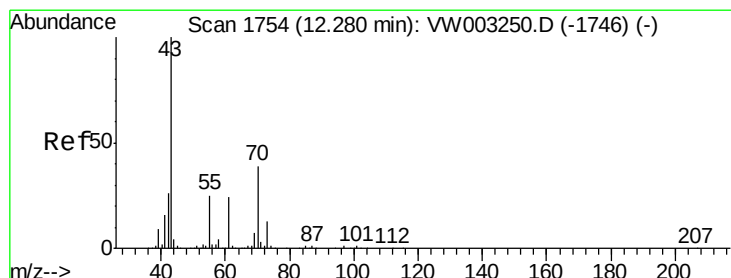
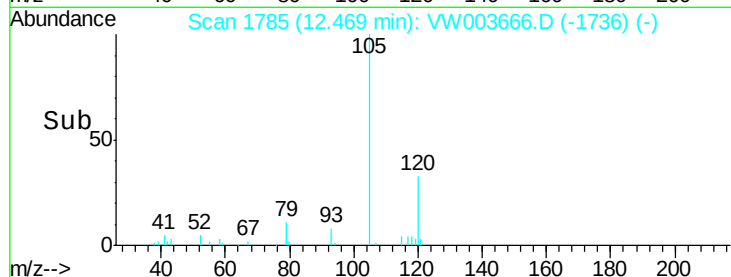
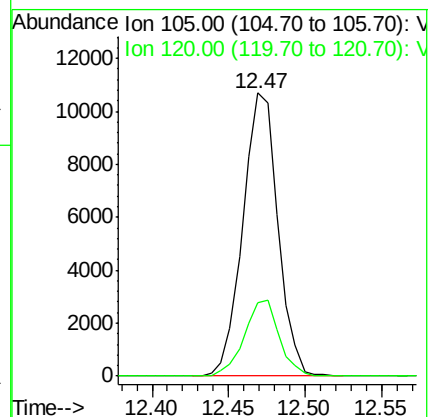
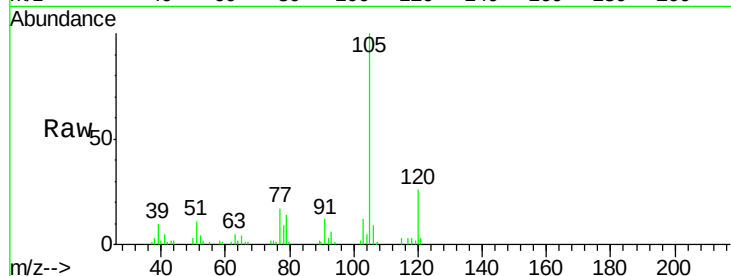
ClientSampleId :

Tot Ion:105 Resp: 17022

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 2.009 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Tgt Ion: 43 Resp: 4532

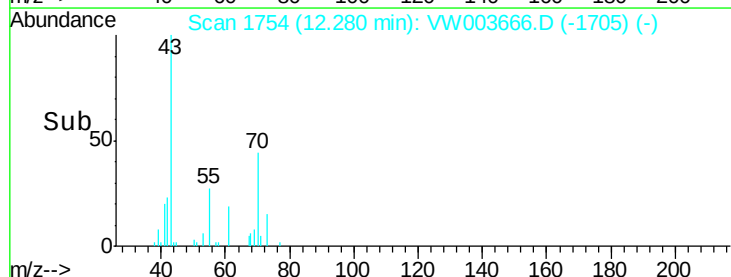
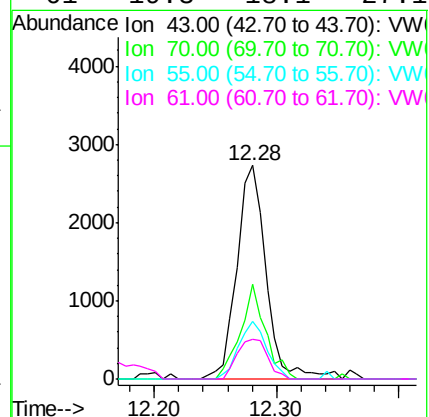
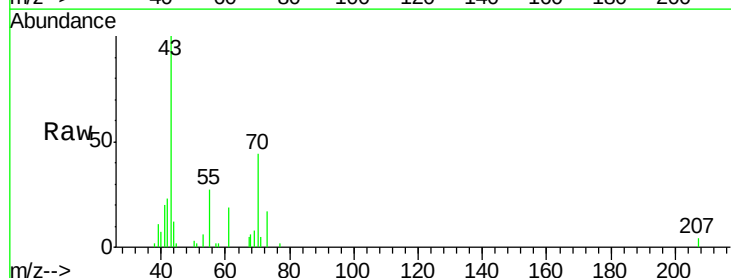
Ion Ratio Lower Upper

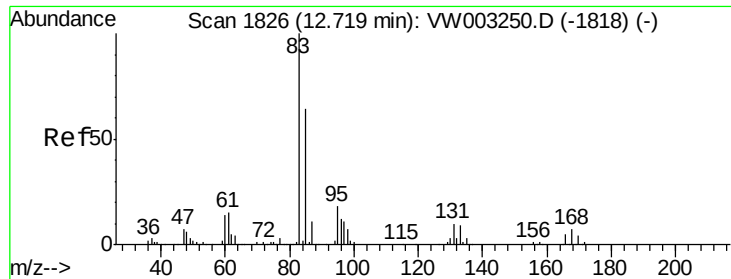
43 100

70 38.1 31.0 46.6

55 25.6 19.7 29.5

61 19.3 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.330 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

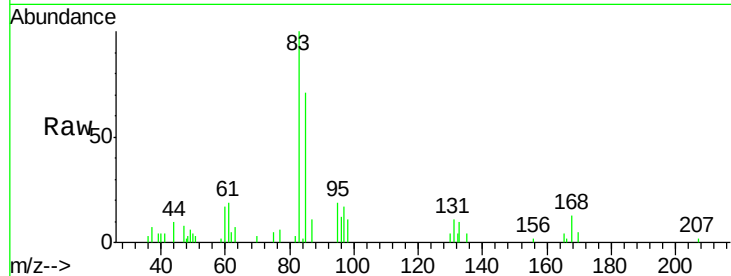
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 83 Resp: 3906

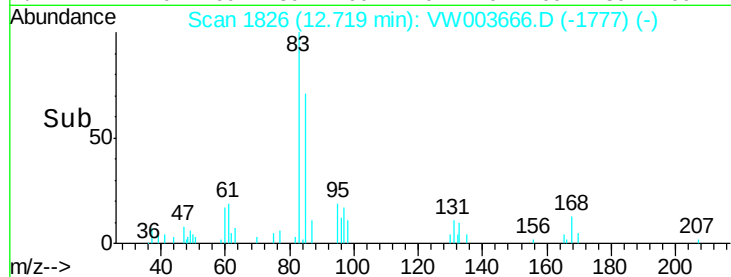
Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.4	16.2
85	69.5	31.9	95.7



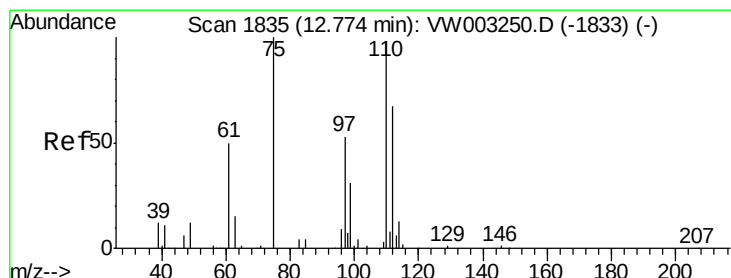
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



Time--> 12.65 12.70 12.75



#76

1,2,3-Trichloropropane

Concen: 4.591 ug/l

RT: 12.77 min Scan# 1835

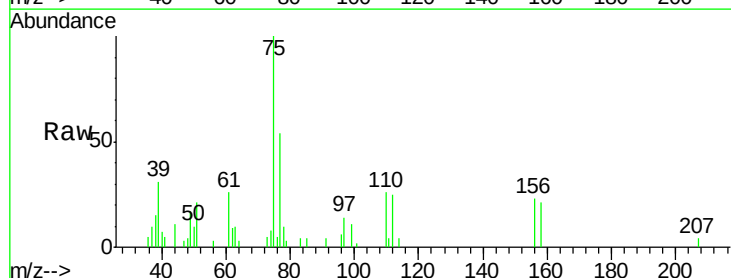
Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

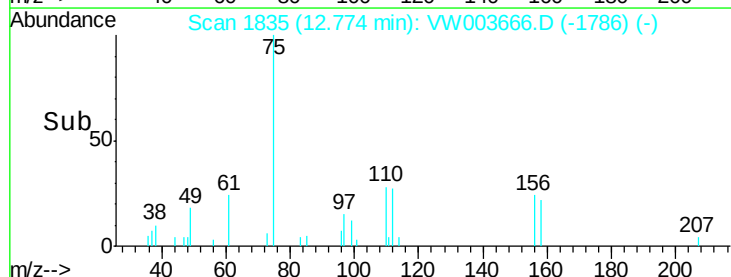
Tgt Ion: 75 Resp: 5592

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

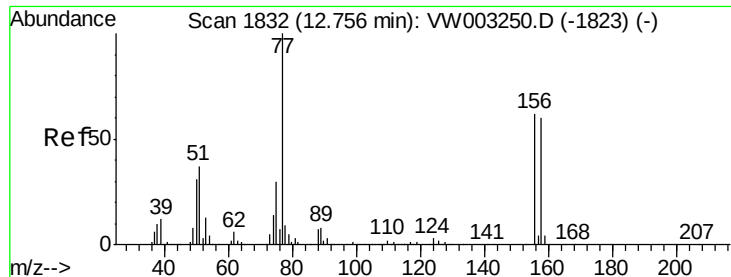


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



Time--> 12.70 12.80



#77

Bromobenzene

Concen: 2.180 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

ClientSampled :

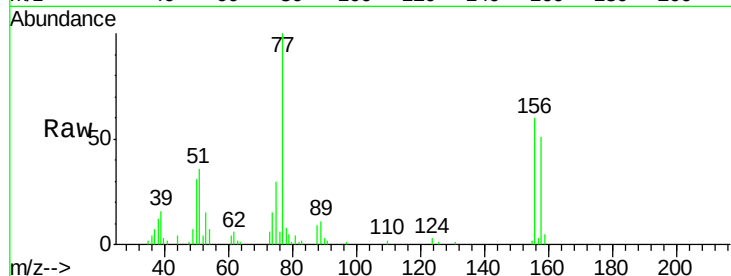
Tot Ion:156 Resp: 5032

Ion Ratio Lower Upper

156 100

77 198.0 92.3 276.9

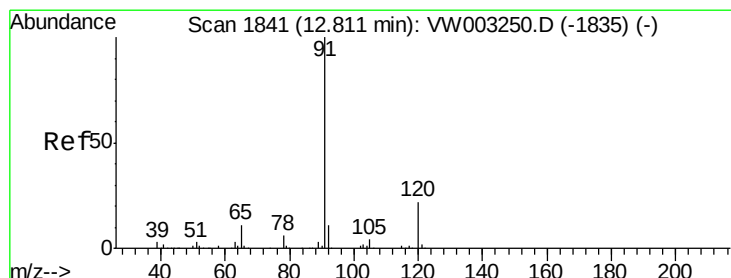
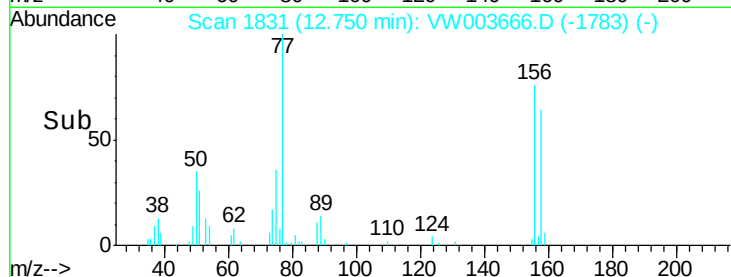
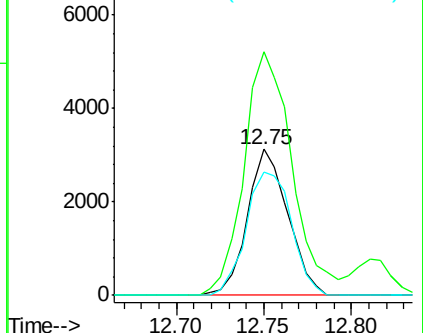
158 94.5 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.982 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003666.D

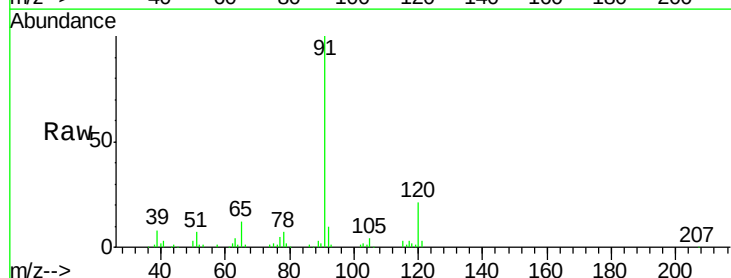
Acq: 29 Jun 2018 17:41

Tgt Ion: 91 Resp: 24045

Ion Ratio Lower Upper

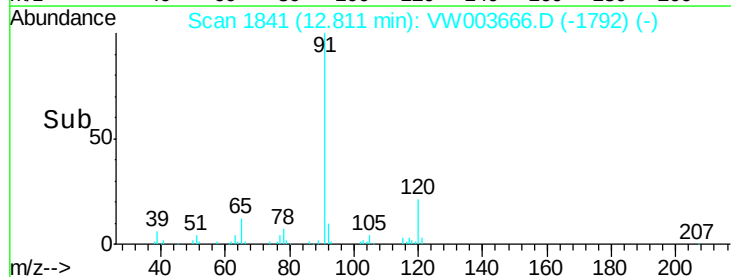
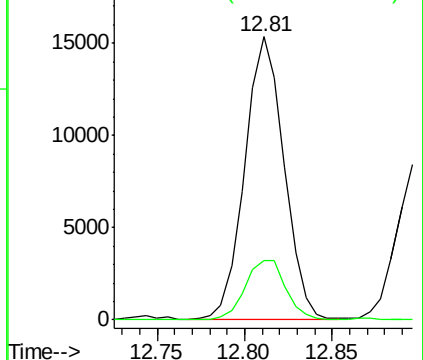
91 100

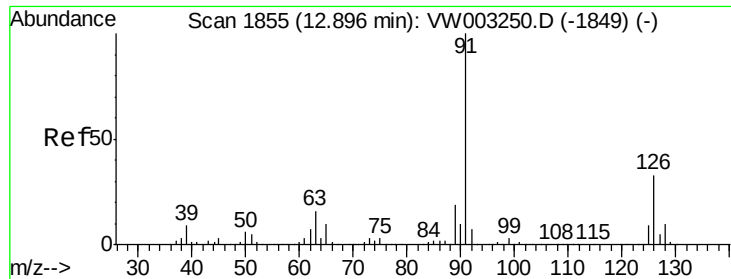
120 21.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

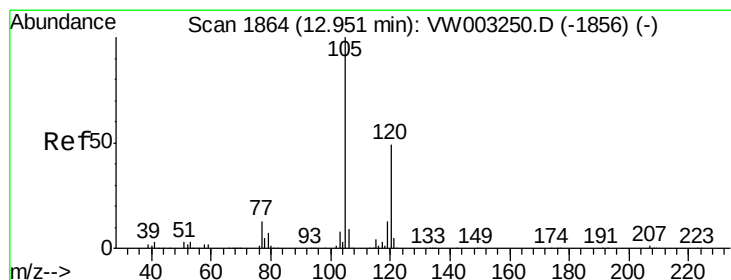
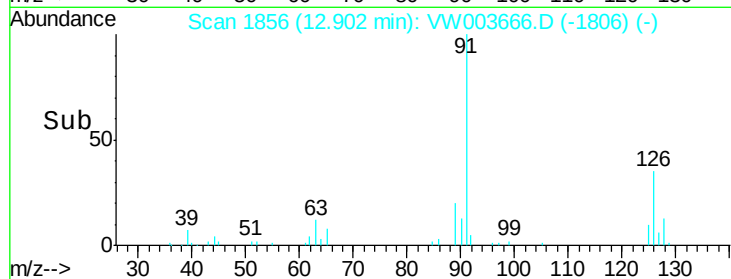
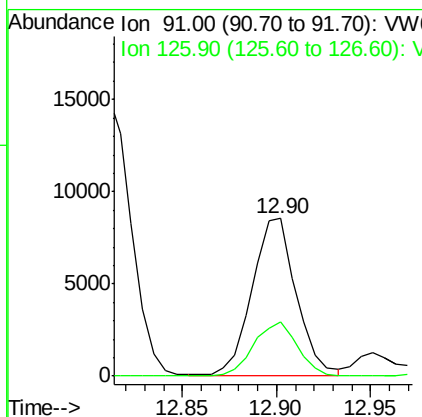
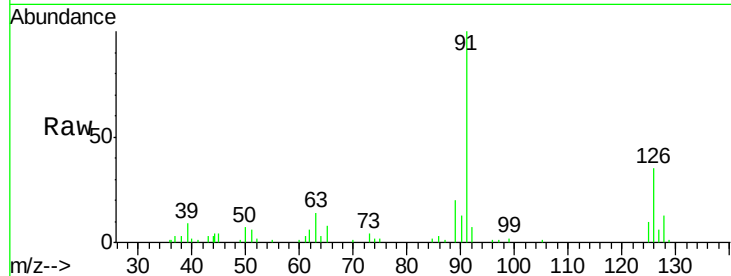




#79
2-Chlorotoluene
Concen: 2.045 ug/l
RT: 12.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

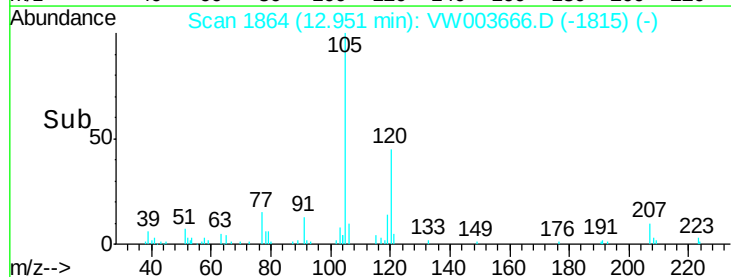
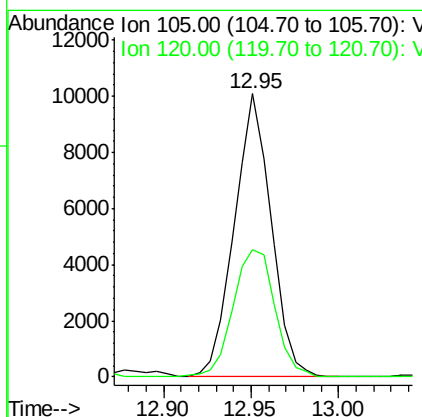
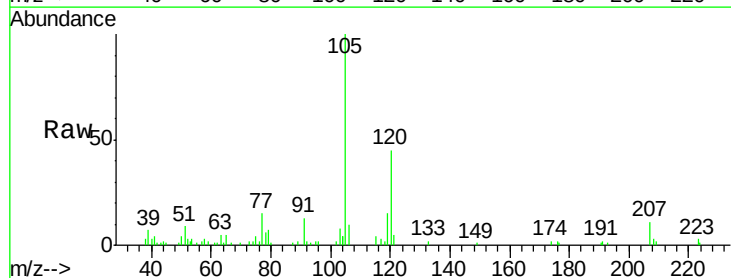
Instrument :
MSVOA_W
ClientSampled :

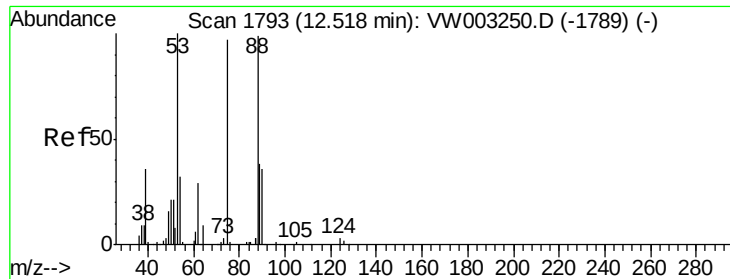
Tot Ion: 91 Resp: 14024
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 1.778 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion:105 Resp: 14791
Ion Ratio Lower Upper
105 100
120 50.8 24.3 72.9

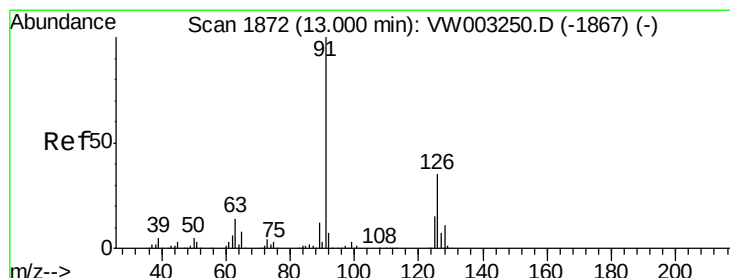
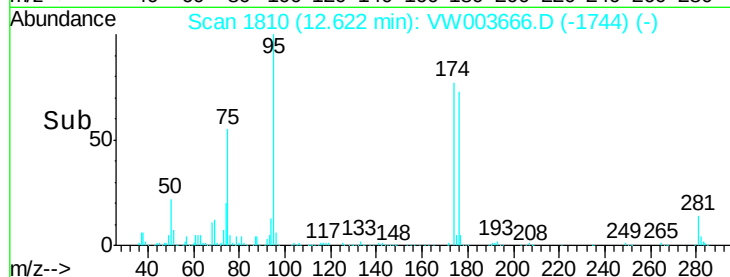
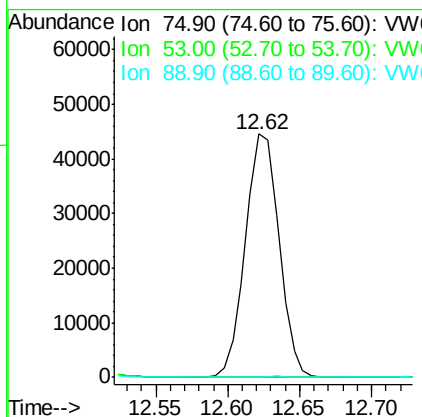
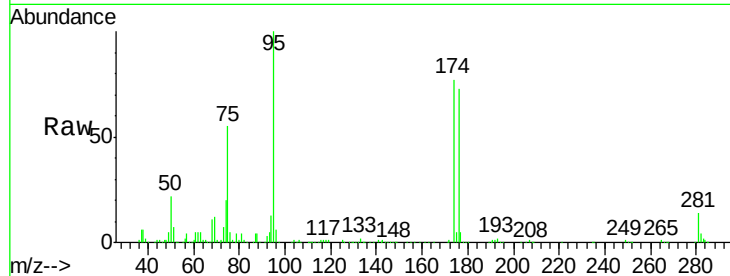




#81
trans-1,4-Dichloro-2-butene
Concen: 136.391 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

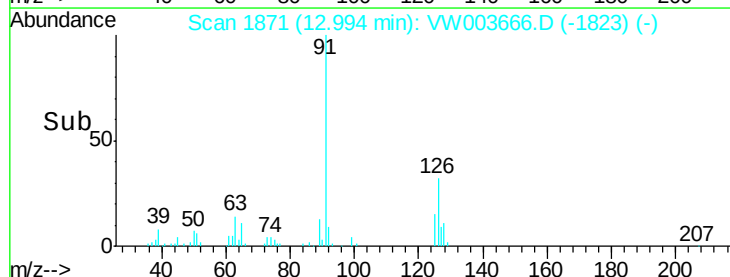
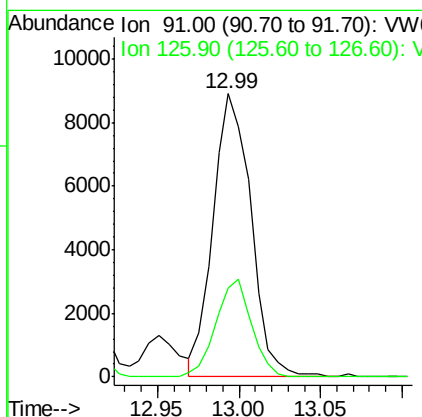
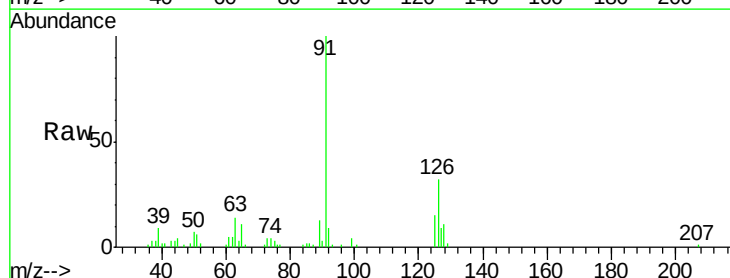
Instrument :
MSVOA_W
ClientSampleId :

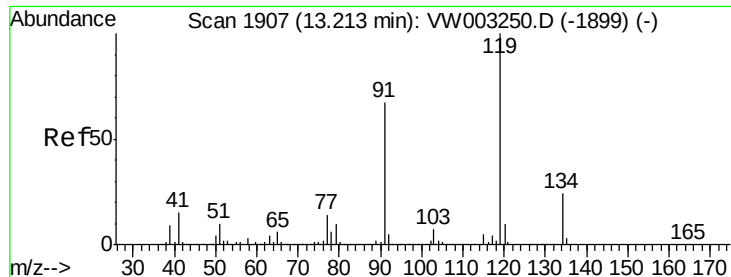
Tot Ion: 75 Resp: 72196
Ion Ratio Lower Upper
75 100
53 0.2 82.9 124.3#
89 0.4 36.7 55.1#



#82
4-Chlorotoluene
Concen: 1.979 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 91 Resp: 14395
Ion Ratio Lower Upper
91 100
126 32.4 16.8 50.3

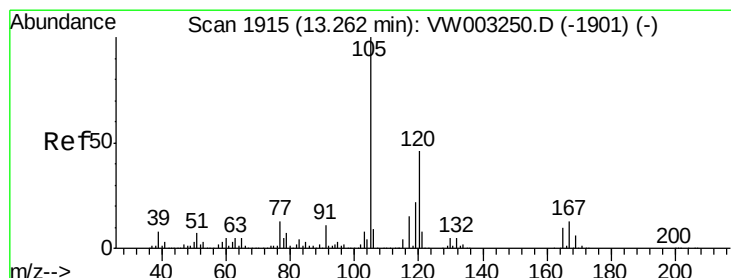
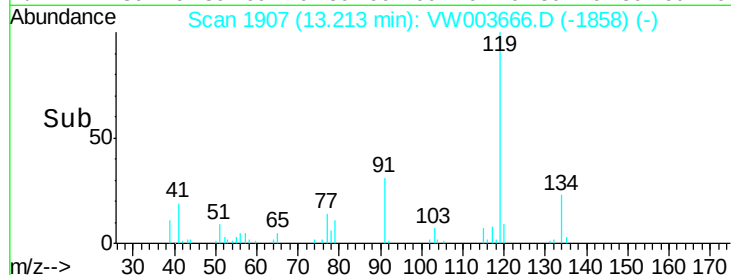
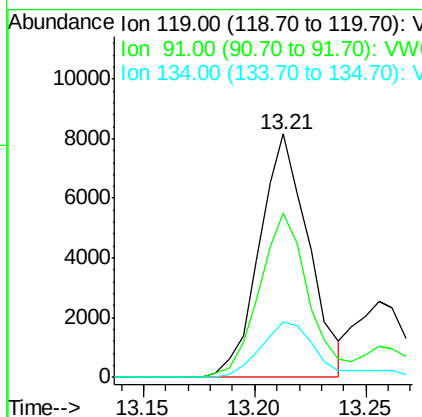
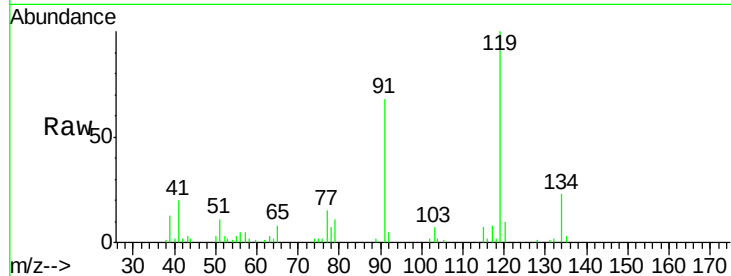




#83
 tert-Butylbenzene
 Concen: 1.766 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

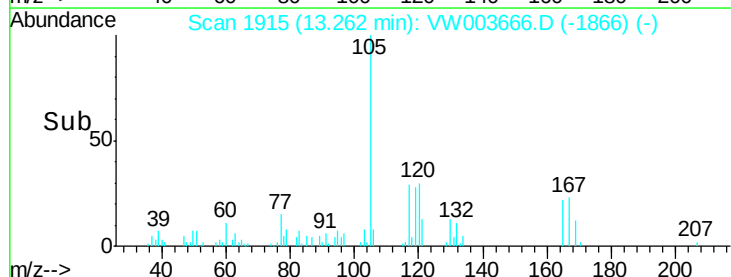
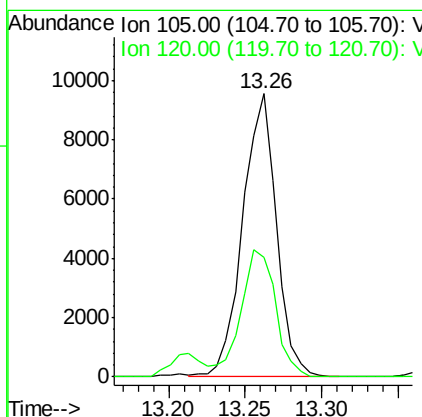
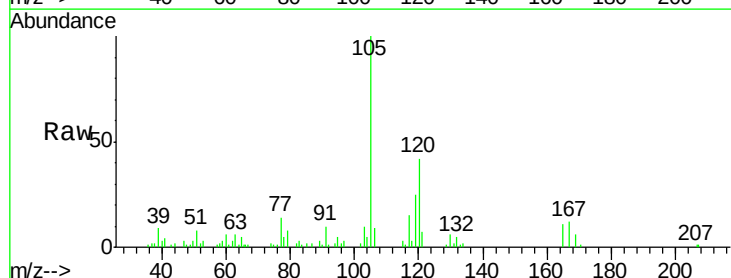
Instrument :
 MSVOA_W
 ClientSampleId :

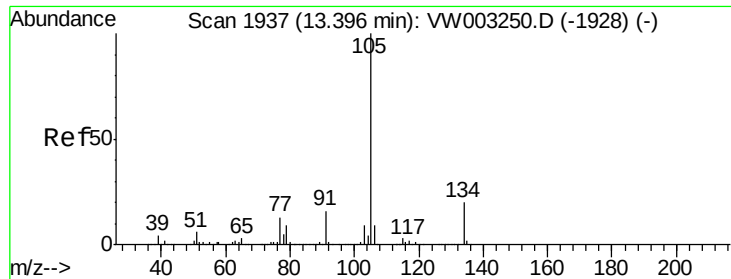
Tot Ion:119 Resp: 12518
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.9 101.7
 134 25.4 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.708 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Tgt Ion:105 Resp: 14611
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.5 67.5

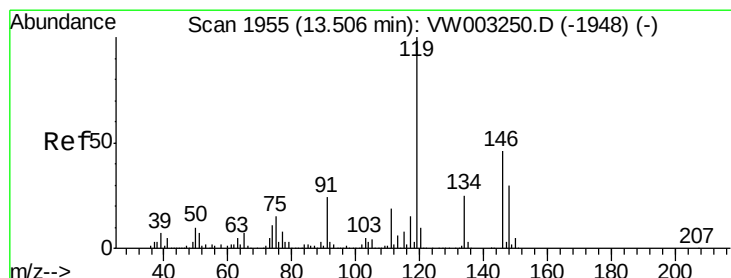
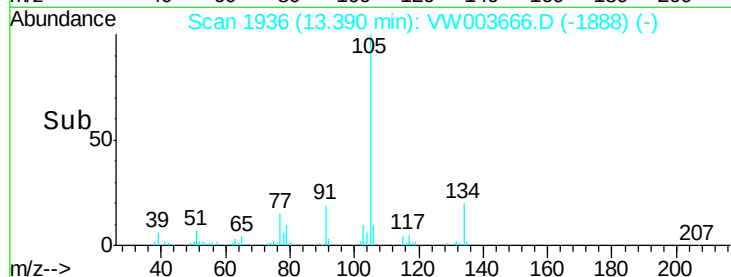
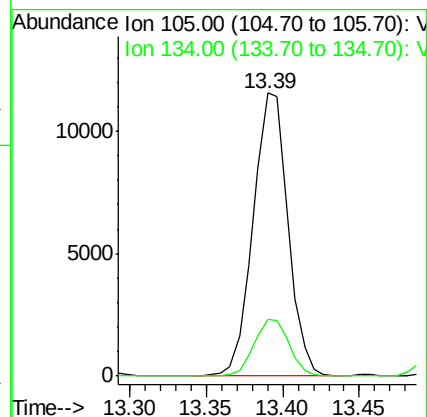
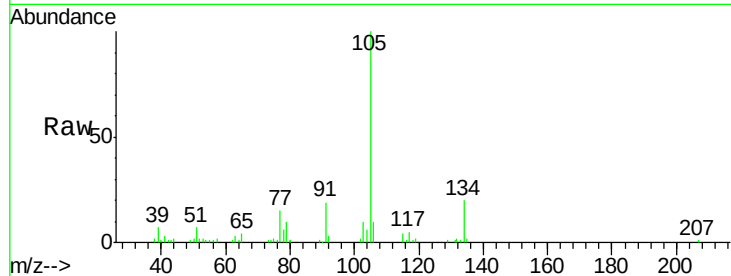




#85
 sec-Butylbenzene
 Concen: 1.742 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

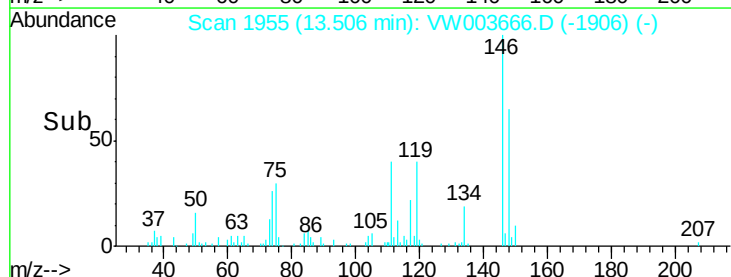
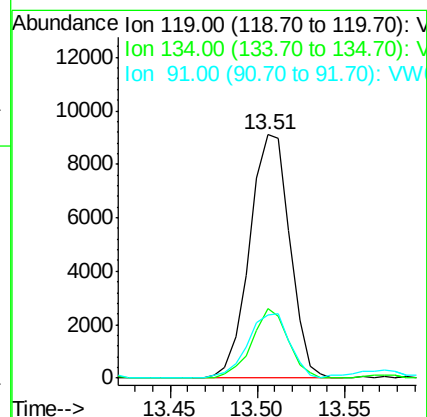
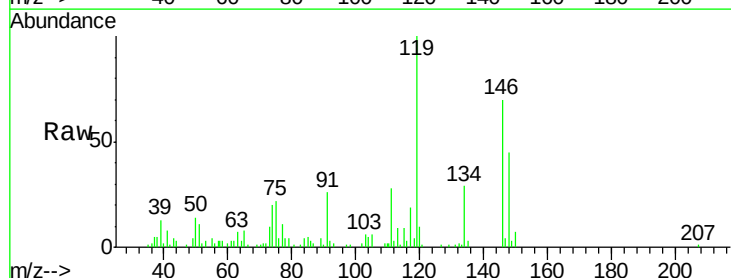
Instrument :
 MSVOA_W
 ClientSampled :

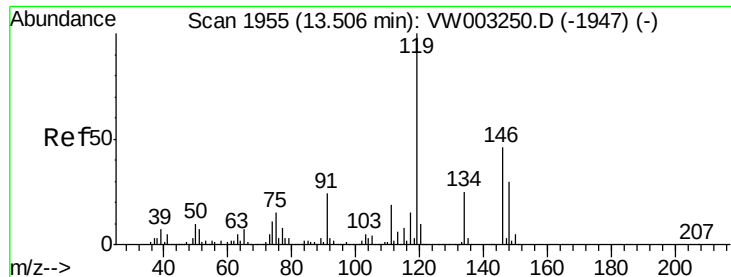
Tot Ion:105 Resp: 18351
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 1.563 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Tgt Ion:119 Resp: 14526
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 27.4 11.8 35.3

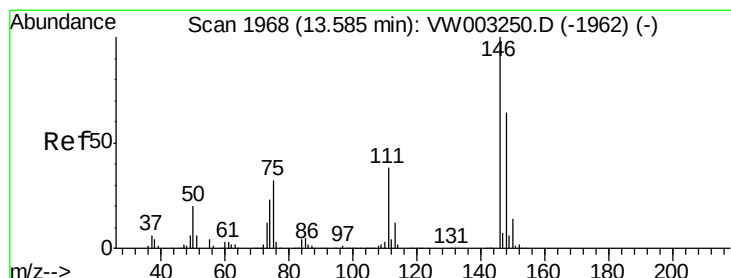
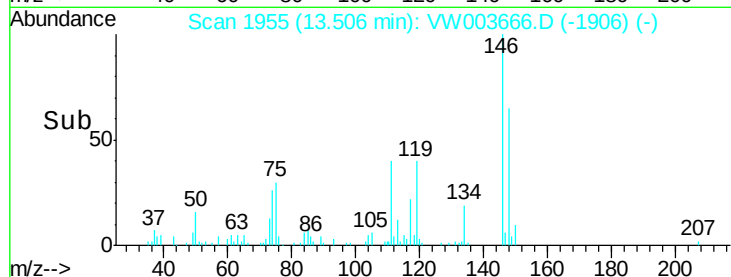
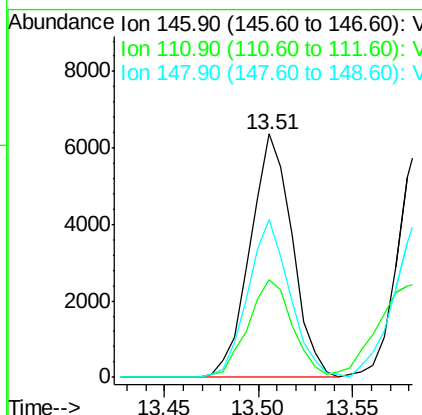
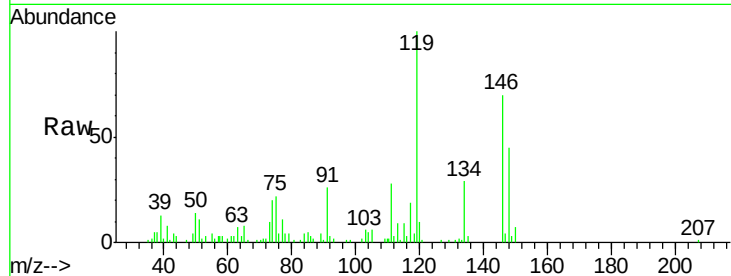




#87
 1,3-Dichlorobenzene
 Concen: 2.076 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

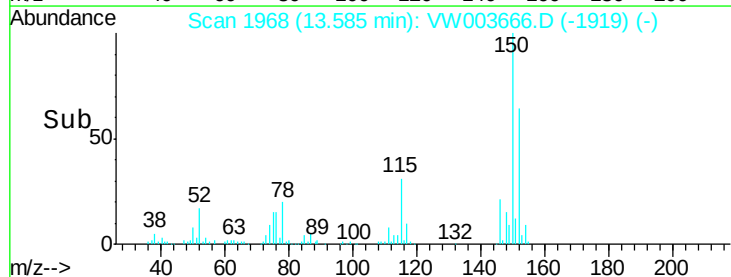
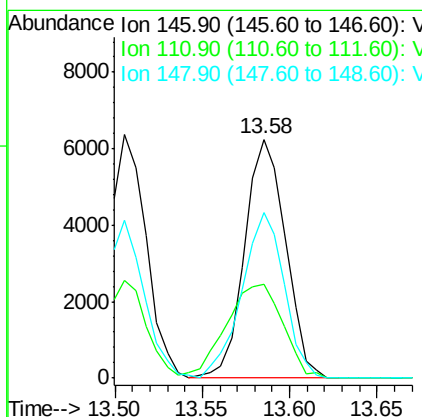
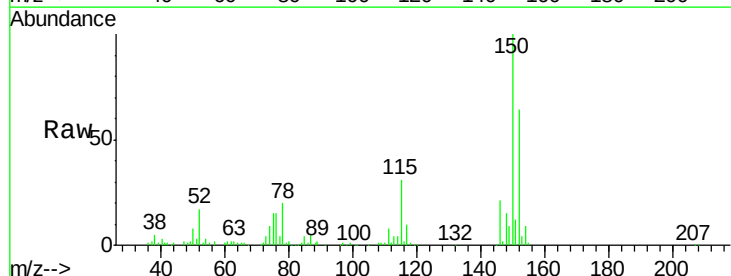
Instrument :
 MSVOA_W
 ClientSampleId :

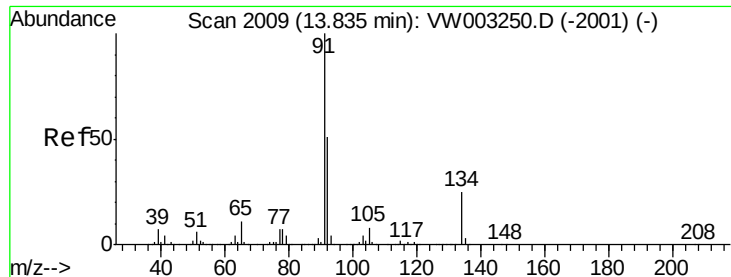
Tot Ion:146 Resp: 9845
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.8 59.4
 148 64.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 2.156 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Tgt Ion:146 Resp: 10164
 Ion Ratio Lower Upper
 146 100
 111 54.5 19.2 57.6
 148 71.7 31.8 95.4

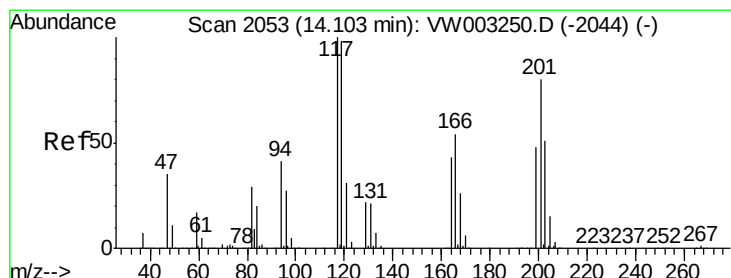
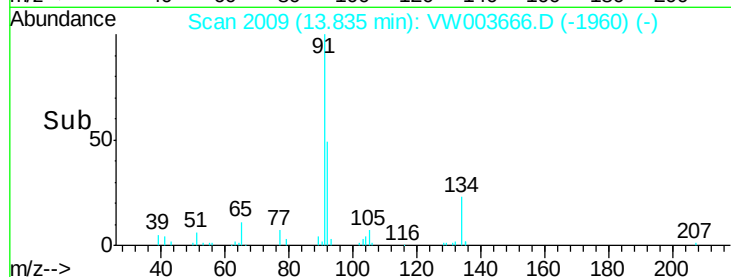
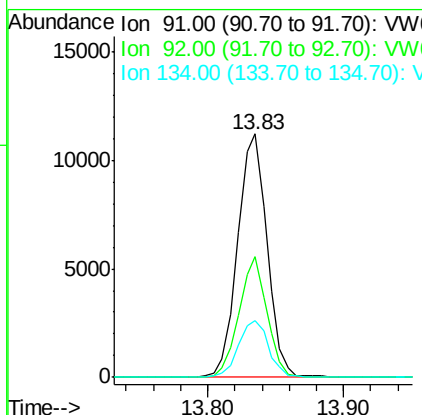
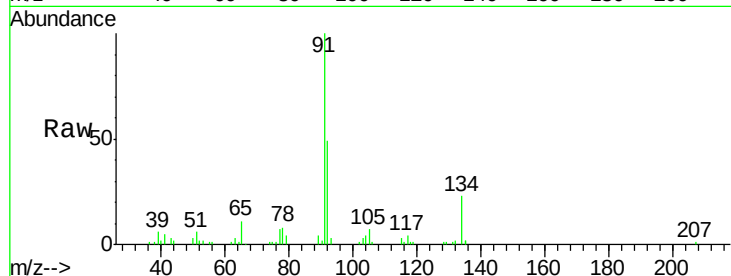




#89
n-Butylbenzene
Concen: 1.864 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

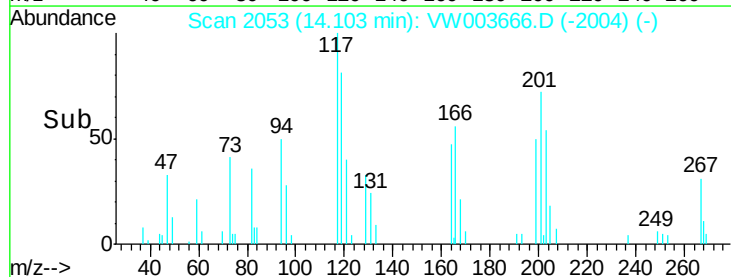
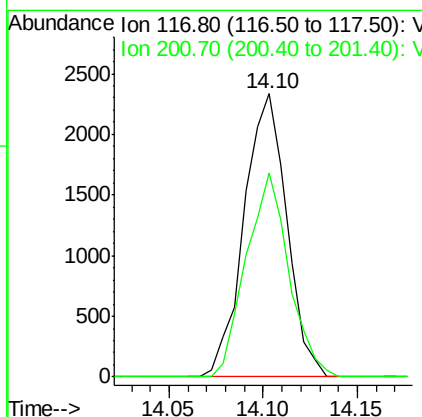
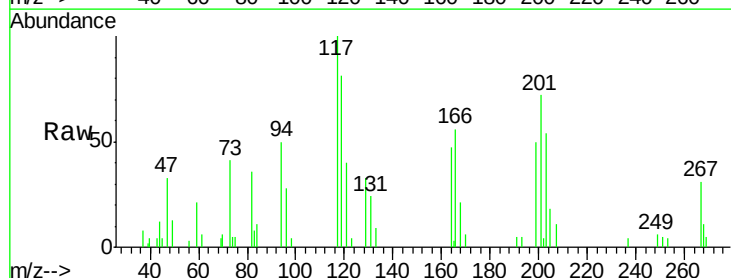
Instrument :
MSVOA_W
ClientSampled :

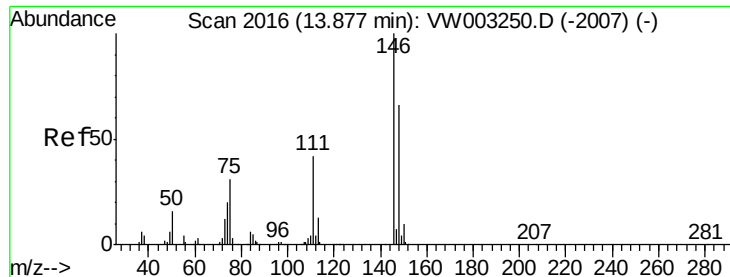
Tot Ion: 91 Resp: 16887
Ion Ratio Lower Upper
91 100
92 46.8 26.0 78.0
134 23.8 12.7 38.0



#90
Hexachloroethane
Concen: 2.179 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003666.D
Acq: 29 Jun 2018 17:41

Tgt Ion: 117 Resp: 3663
Ion Ratio Lower Upper
117 100
201 72.0 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 2.144 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

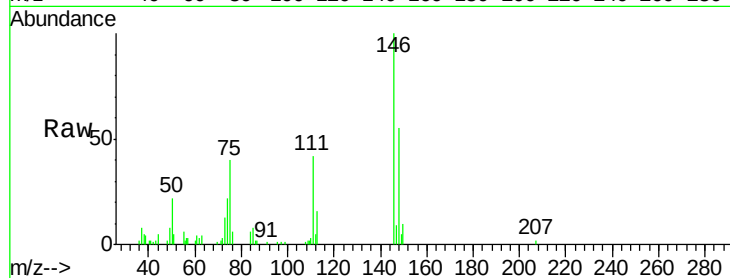
Tot Ion:146 Resp: 8904

Ion Ratio Lower Upper

146 100

111 43.3 20.3 61.0

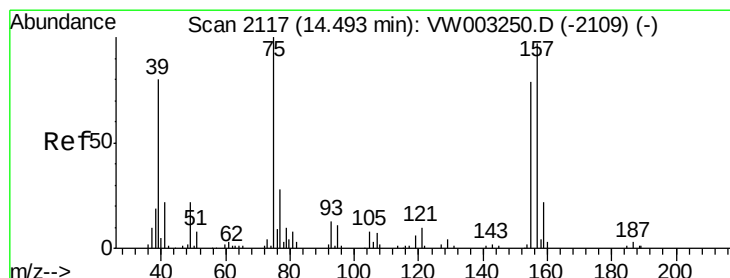
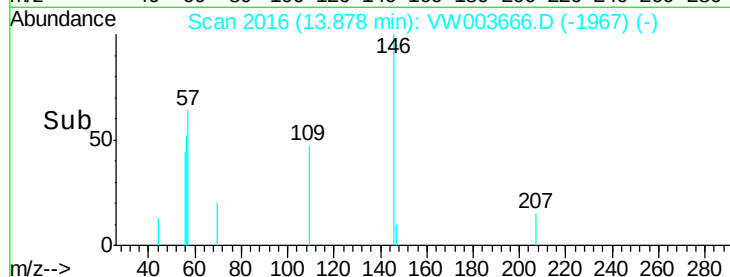
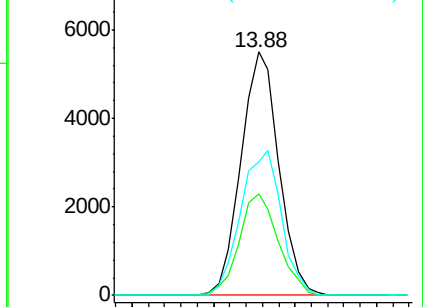
148 63.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.573 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

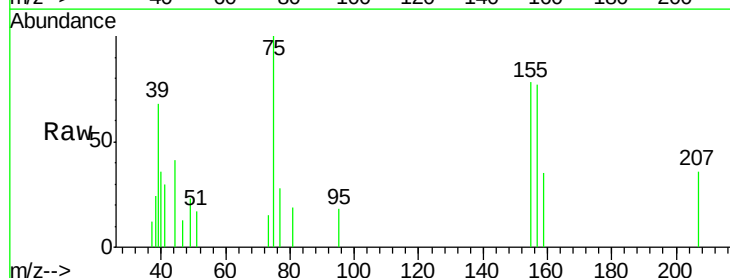
Tgt Ion: 75 Resp: 726

Ion Ratio Lower Upper

75 100

155 83.1 39.4 118.2

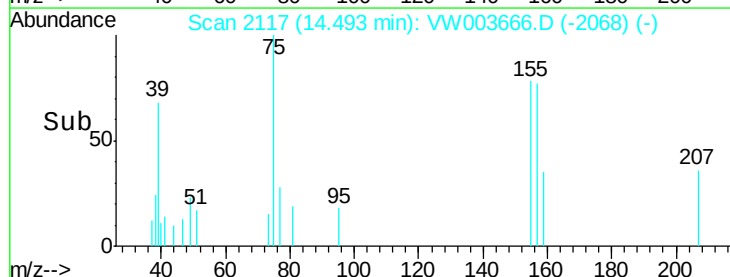
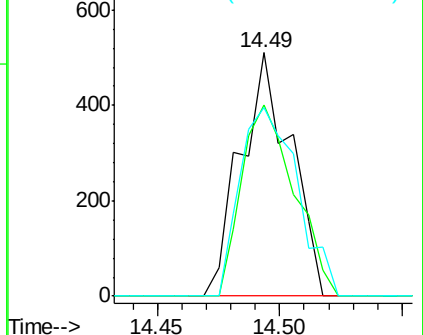
157 88.7 51.5 154.5

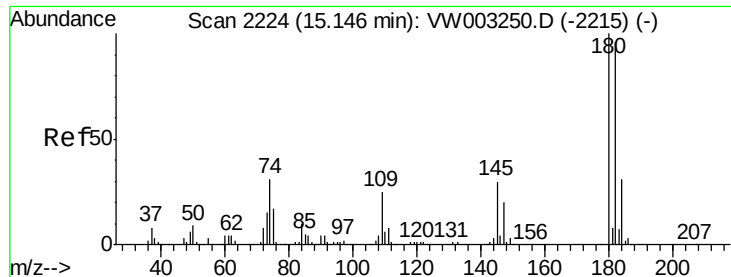


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

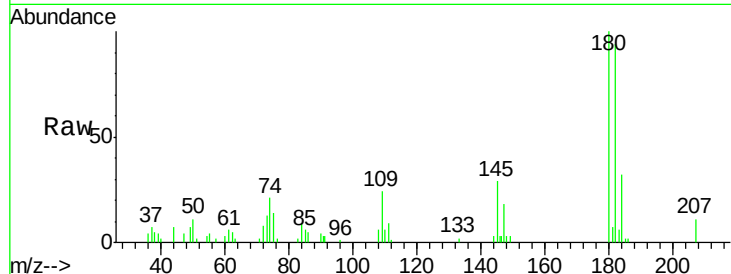




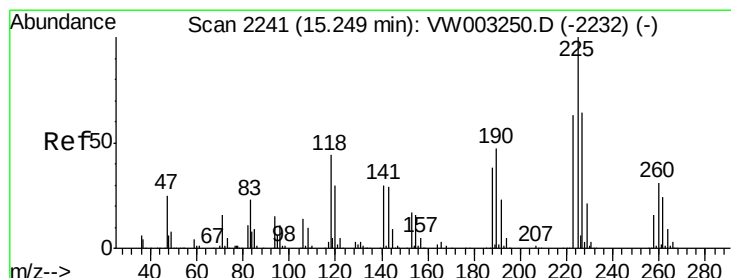
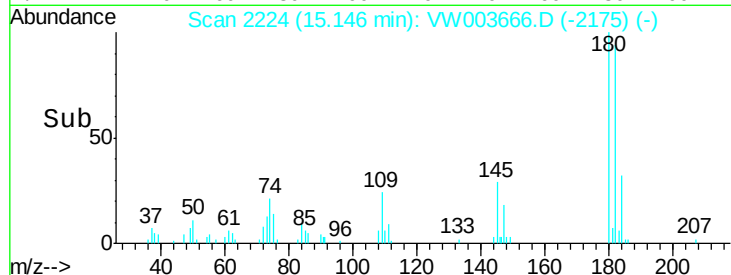
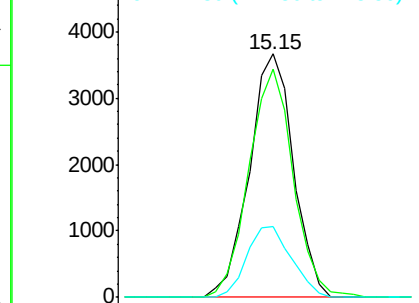
#93
 1,2,4-Trichlorobenzene
 Concen: 2.026 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 5906
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.6
 145 29.6 15.2 45.5

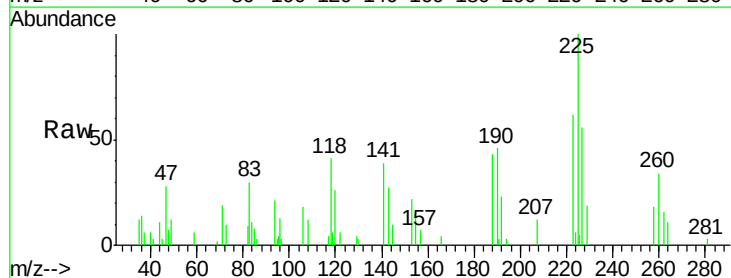


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

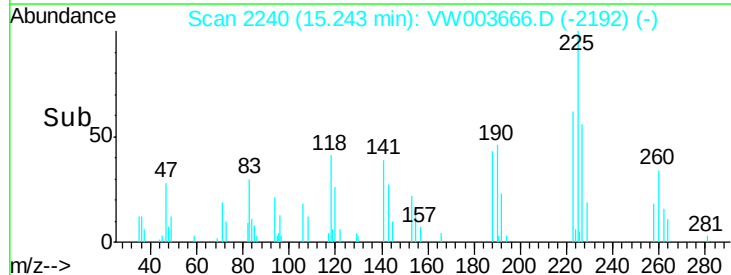
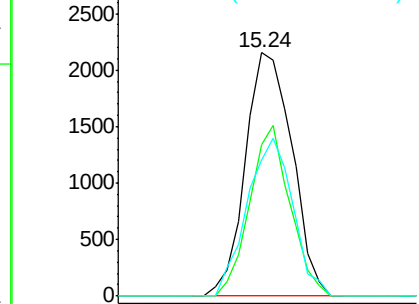


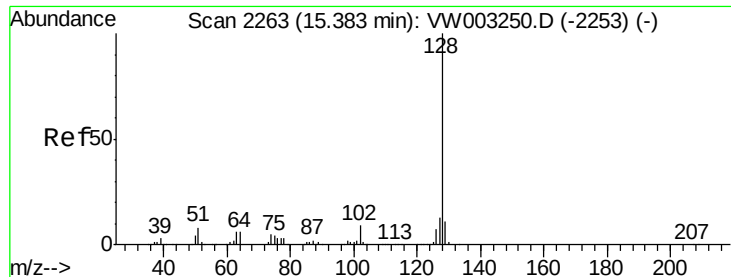
#94
 Hexachlorobutadiene
 Concen: 2.111 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW003666.D
 Acq: 29 Jun 2018 17:41

Tgt Ion:225 Resp: 3702
 Ion Ratio Lower Upper
 225 100
 223 60.5 30.6 92.0
 227 63.5 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: 1.769 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

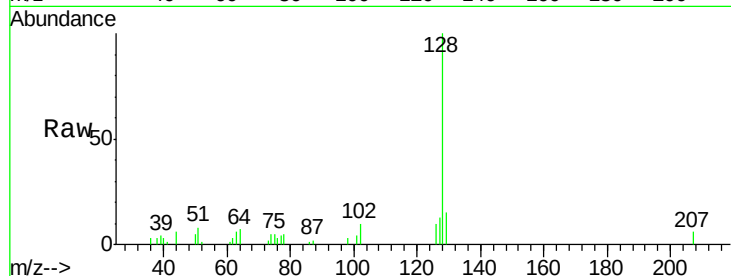
Tot Ion:128 Resp: 8747

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

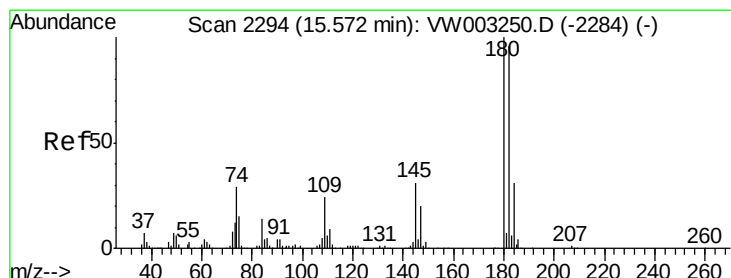
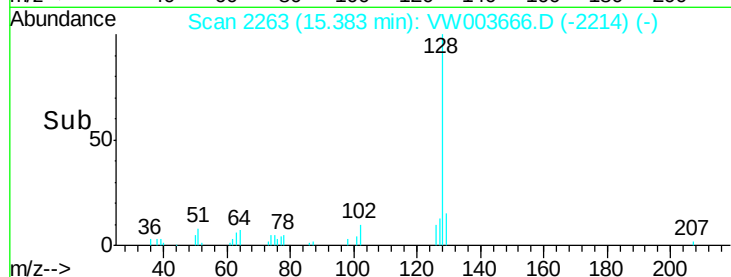
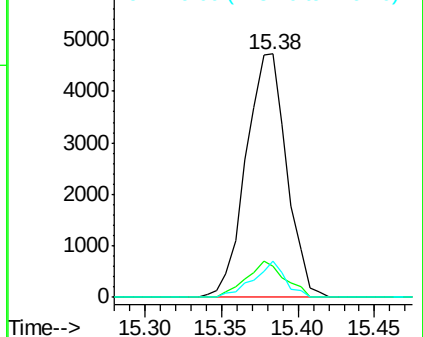
129 11.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.040 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003666.D

Acq: 29 Jun 2018 17:41

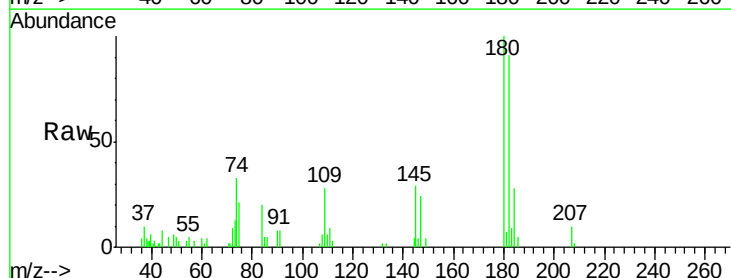
Tgt Ion:180 Resp: 5236

Ion Ratio Lower Upper

180 100

182 93.8 47.9 143.6

145 30.6 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

