

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003633.D
 Acq On : 28 Jun 2018 12:57
 Operator : SY/AP
 Sample : VW0628SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:42:50 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	213633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	329990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	308135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120264	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.89	113	104856	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.33	98	419370	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.63	95	150606	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16360	25.330	ug/l	89
3) Chloromethane	2.21	50	33244	20.372	ug/l	93
4) Vinyl Chloride	2.36	62	47254	19.864	ug/l	98
5) Bromomethane	2.78	94	30446	19.256	ug/l	97
6) Chloroethane	2.92	64	31263	18.880	ug/l	98
7) Trichlorofluoromethane	3.25	101	29627	20.789	ug/l	96
8) Diethyl Ether	3.68	74	22873	21.848	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42870	21.663	ug/l	99
10) Methyl Iodide	4.26	142	61229	20.458	ug/l	99
11) Tert butyl alcohol	5.23	59	14690	118.372	ug/l #	97
12) 1,1-Dichloroethene	4.03	96	40842	21.119	ug/l	89
13) Acrolein	3.90	56	11987	67.559	ug/l	96
14) Allyl chloride	4.66	41	70466	21.035	ug/l	97
15) Acrylonitrile	5.38	53	49114	114.023	ug/l	99
16) Acetone	4.15	43	58002	119.515	ug/l	97
17) Carbon Disulfide	4.37	76	117108	20.483	ug/l	98
18) Methyl Acetate	4.68	43	23722	20.604	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	78482	21.667	ug/l	98
20) Methylene Chloride	4.92	84	48494	21.425	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	45314	21.530	ug/l	97
22) Diisopropyl ether	6.32	45	147334	21.853	ug/l	97
23) Vinyl Acetate	6.26	43	423501	109.006	ug/l	99
24) 1,1-Dichloroethane	6.22	63	86654	21.651	ug/l	98
25) 2-Butanone	7.18	43	72572	120.258	ug/l	99
26) 2,2-Dichloropropane	7.17	77	56493	21.150	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49615	21.459	ug/l	97
28) Bromochloromethane	7.51	49	34685	20.825	ug/l	96
29) Tetrahydrofuran	7.54	42	41963	113.776	ug/l	98
30) Chloroform	7.68	83	89101	21.852	ug/l	99
31) Cyclohexane	7.96	56	77701	20.780	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	71718	21.308	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69468	21.798	ug/l	99
37) Ethyl Acetate	7.26	43	30054	22.764	ug/l	99
38) Carbon Tetrachloride	8.07	117	68374	21.873	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003633.D
 Acq On : 28 Jun 2018 12:57
 Operator : SY/AP
 Sample : VW0628SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:42:50 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)
39) Methylcyclohexane	9.34	83	76681	20.795	ug/l	99
40) Benzene	8.33	78	194164	22.103	ug/l	97
41) Methacrylonitrile	7.49	41	17556	21.670	ug/l	95
42) 1,2-Dichloroethane	8.40	62	60425	21.955	ug/l	99
43) Isopropyl Acetate	8.43	43	58110	22.167	ug/l	100
44) Trichloroethene	9.09	130	50381	21.645	ug/l	95
45) 1,2-Dichloropropane	9.37	63	50131	22.414	ug/l	98
46) Dibromomethane	9.46	93	25247	22.048	ug/l	99
47) Bromodichloromethane	9.65	83	63400	21.600	ug/l	99
48) Methyl methacrylate	9.45	41	27863	22.617	ug/l	97
49) 1,4-Dioxane	9.49	88	7673	443.790	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	152259	113.984	ug/l	100
52) Toluene	10.39	92	123622	21.946	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	64343	21.460	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	72505	21.246	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36084	22.362	ug/l	96
56) Ethyl methacrylate	10.65	69	42869	21.878	ug/l	98
57) 1,3-Dichloropropane	10.94	76	62461	22.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	100817	114.776	ug/l	98
59) 2-Hexanone	10.98	43	110587	118.507	ug/l	100
60) Dibromochloromethane	11.13	129	40962	21.346	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33551	21.982	ug/l	100
64) Tetrachloroethene	10.87	164	42902	20.816	ug/l	98
65) Chlorobenzene	11.66	112	135984	21.192	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	46964	20.827	ug/l	100
67) Ethyl Benzene	11.74	91	237676	20.896	ug/l	98
68) m/p-Xylenes	11.85	106	185010	42.789	ug/l	98
69) o-Xylene	12.17	106	84478	21.082	ug/l	98
70) Styrene	12.19	104	141755	21.253	ug/l	100
71) Bromoform	12.35	173	24881	21.290	ug/l #	98
73) Isopropylbenzene	12.48	105	235574	20.435	ug/l	99
74) N-amyl acetate	12.28	43	56333	21.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	42468	21.775	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58094	41.001	ug/l #	100
77) Bromobenzene	12.76	156	55491	20.669	ug/l	97
78) n-propylbenzene	12.81	91	298222	21.127	ug/l	99
79) 2-Chlorotoluene	12.90	91	167147	20.953	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	204306	21.114	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13032	21.164	ug/l	99
82) 4-Chlorotoluene	12.99	91	181140	21.406	ug/l	98
83) tert-Butylbenzene	13.21	119	168968	20.490	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	211270	21.225	ug/l	99
85) sec-Butylbenzene	13.39	105	255195	20.820	ug/l	99
86) p-Isopropyltoluene	13.51	119	225050	20.817	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	115831	21.002	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	115308	21.030	ug/l	98
89) n-Butylbenzene	13.84	91	221168	20.988	ug/l	99
90) Hexachloroethane	14.10	117	40978	20.953	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	103919	21.510	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7114	21.675	ug/l	98

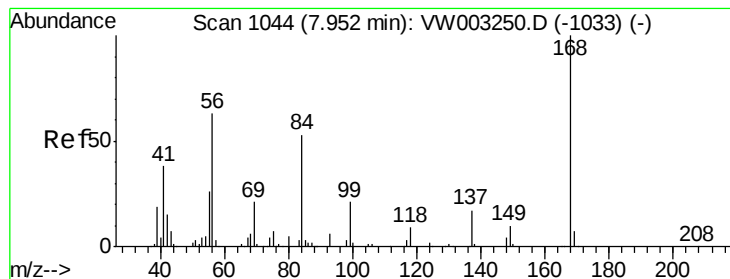
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062818\
Data File : VW003633.D
Acq On : 28 Jun 2018 12:57
Operator : SY/AP
Sample : VW0628SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 29 06:42:50 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.15	180	71208	20.996	ug/l	100
94) Hexachlorobutadiene	15.25	225	41769	20.474	ug/l	97
95) Naphthalene	15.38	128	120536	20.952	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	62893	21.068	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

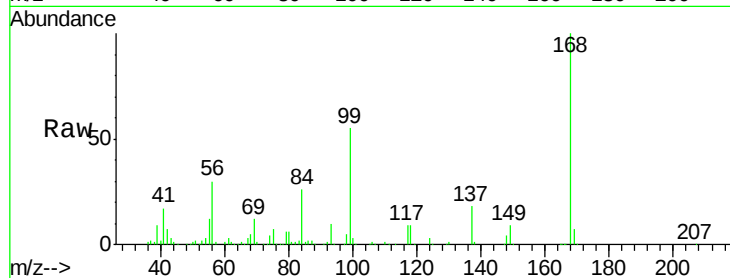
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 213633

Ion Ratio Lower Upper

168 100

99 55.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

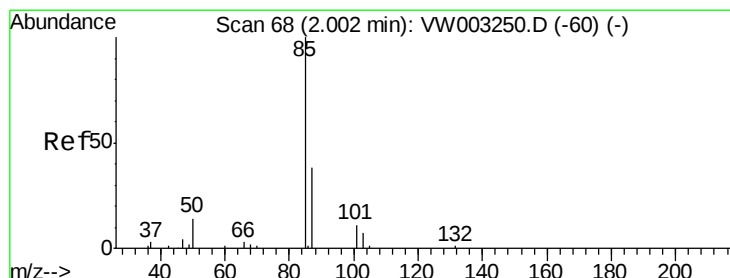
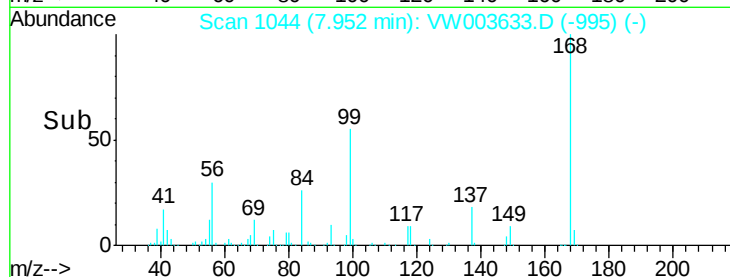
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 25.330 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003633.D

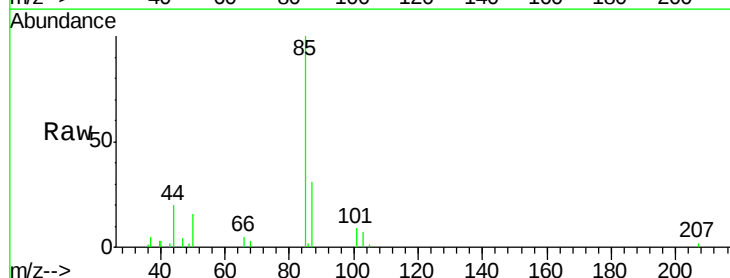
Acq: 28 Jun 2018 12:57

Tgt Ion: 85 Resp: 16360

Ion Ratio Lower Upper

85 100

87 31.4 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

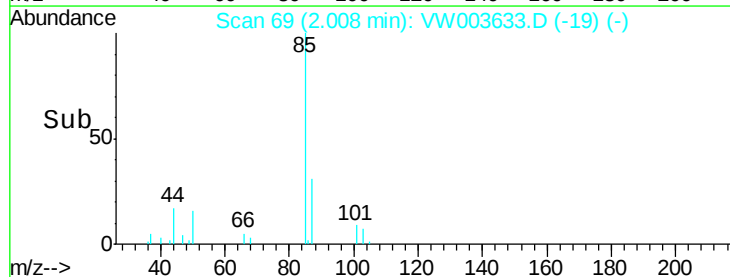
3000

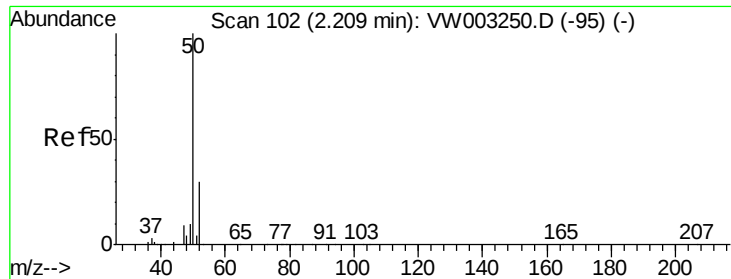
2000

1000

0

Time-->





#3

Chloromethane

Concen: 20.372 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

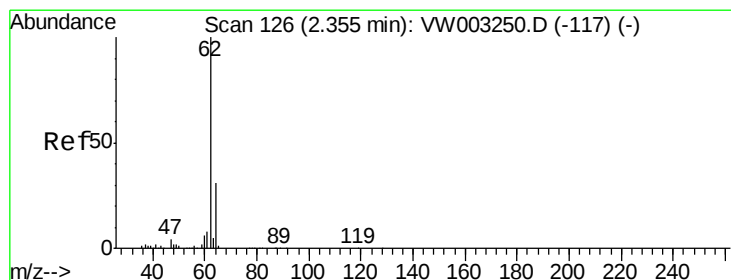
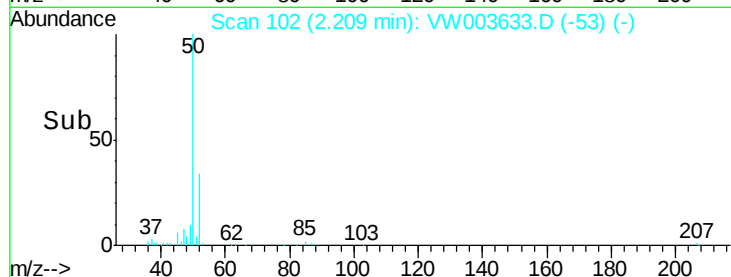
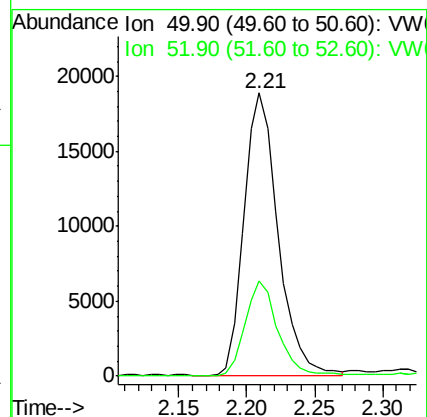
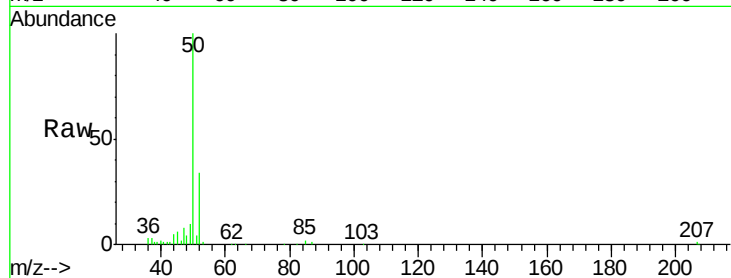
ClientSampleId :

Tot Ion: 50 Resp: 33244

Ion Ratio Lower Upper

50 100

52 33.8 24.2 36.2



#4

Vinyl Chloride

Concen: 19.864 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003633.D

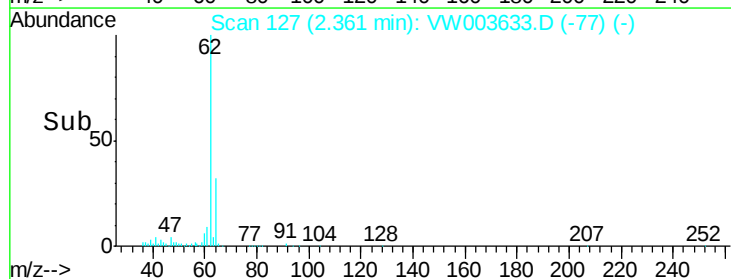
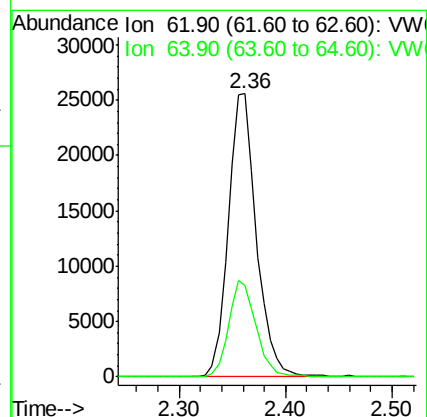
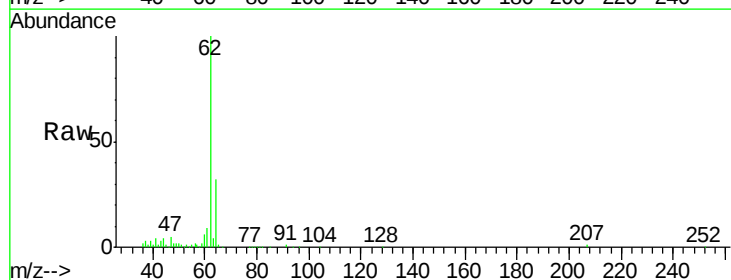
Acq: 28 Jun 2018 12:57

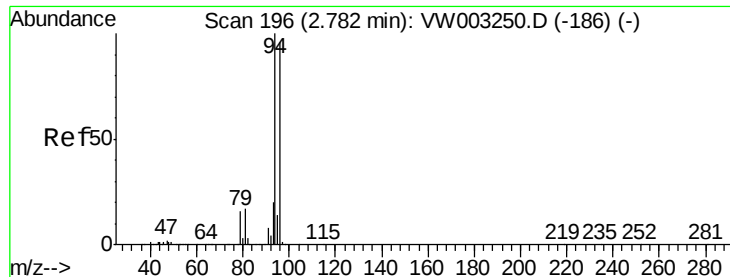
Tgt Ion: 62 Resp: 47254

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3





#5

Bromomethane

Concen: 19.256 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

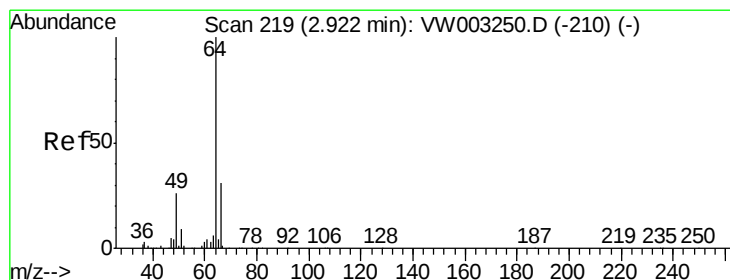
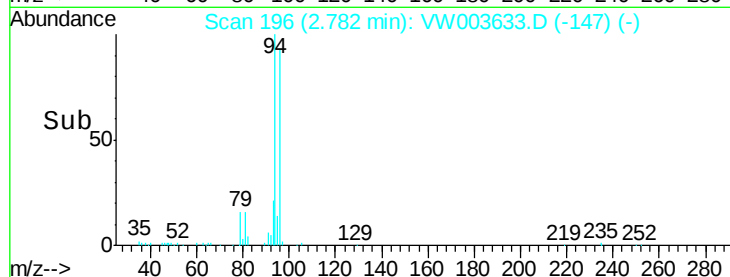
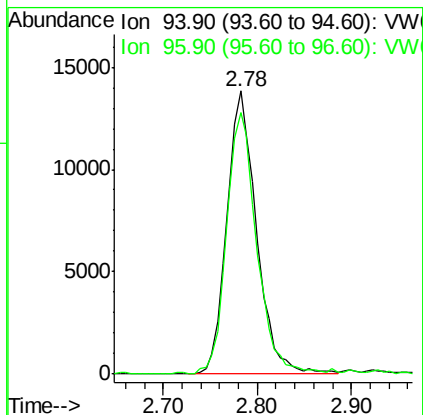
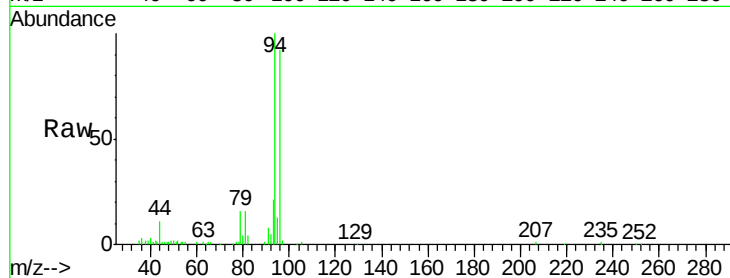
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 30446

Ion Ratio Lower Upper

94 100

96 92.5 76.5 114.7



#6

Chloroethane

Concen: 18.880 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003633.D

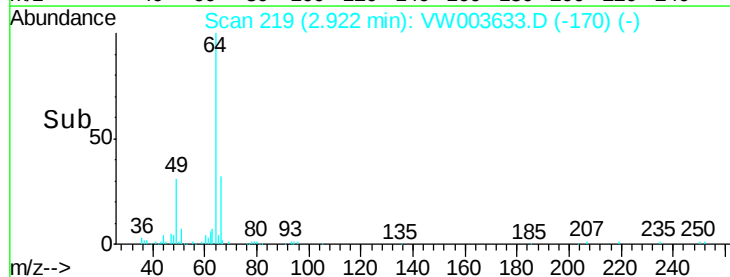
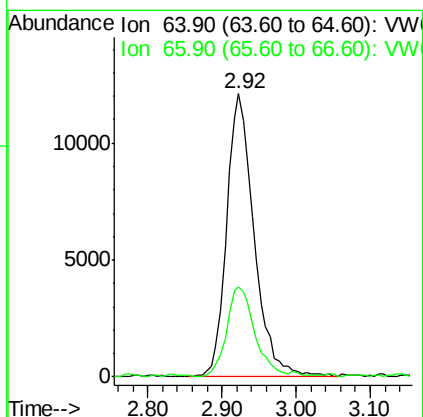
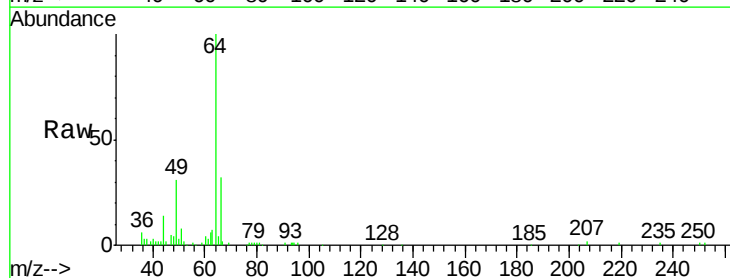
Acq: 28 Jun 2018 12:57

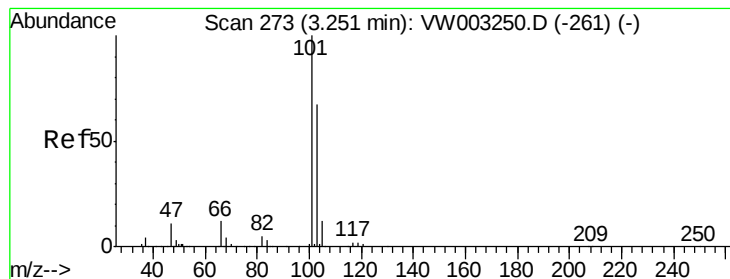
Tgt Ion: 64 Resp: 31263

Ion Ratio Lower Upper

64 100

66 31.7 24.4 36.6



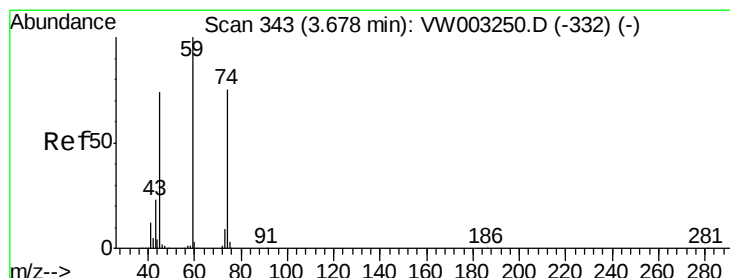
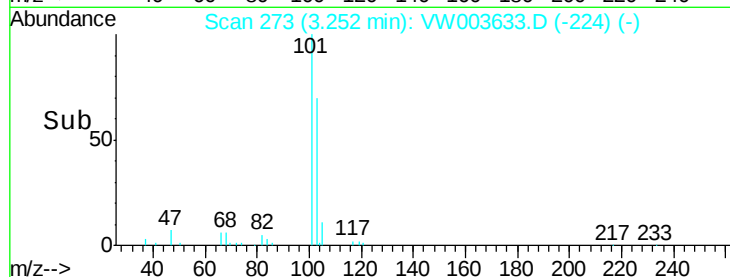
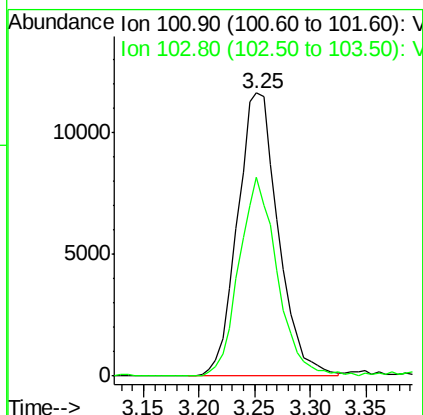
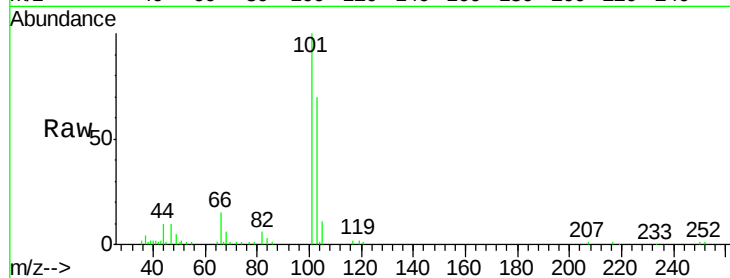


#7

Trichlorofluoromethane
Concen: 20.789 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :

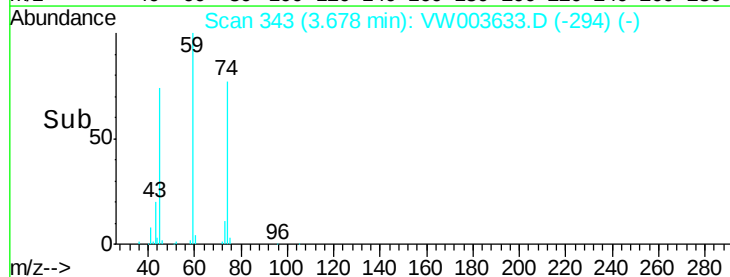
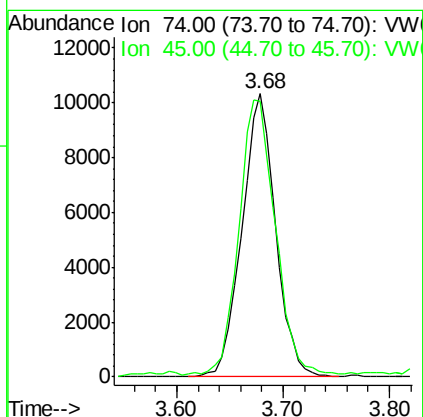
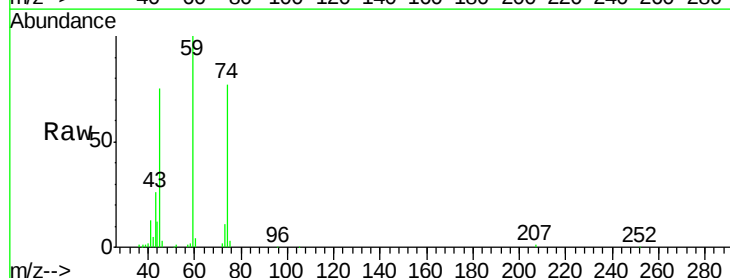
Tot Ion:101 Resp: 29627
Ion Ratio Lower Upper
101 100
103 70.1 53.4 80.0

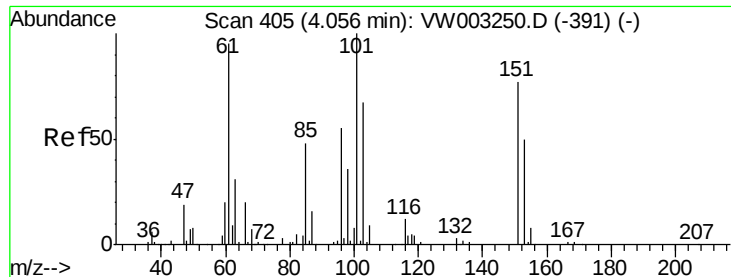


#8

Diethyl Ether
Concen: 21.848 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 74 Resp: 22873
Ion Ratio Lower Upper
74 100
45 104.5 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.663 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

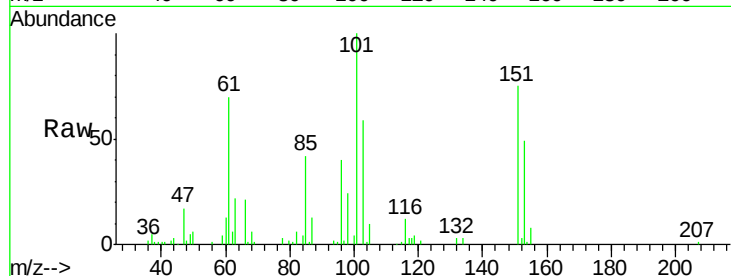
Tot Ion:101 Resp: 42870

Ion Ratio Lower Upper

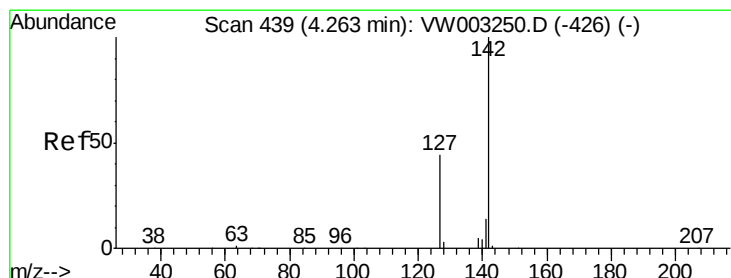
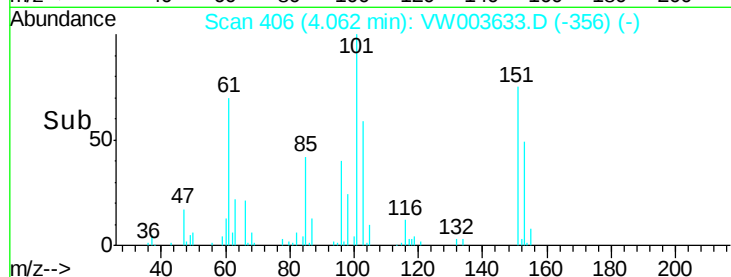
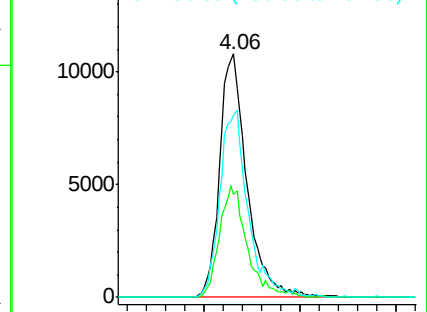
101 100

85 45.0 37.0 55.6

151 78.3 63.3 94.9



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



#10

Methyl Iodide

Concen: 20.458 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

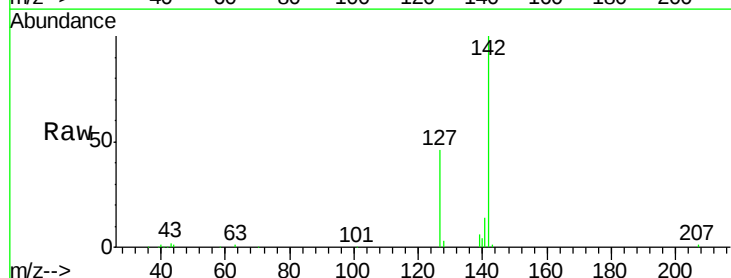
Tgt Ion:142 Resp: 61229

Ion Ratio Lower Upper

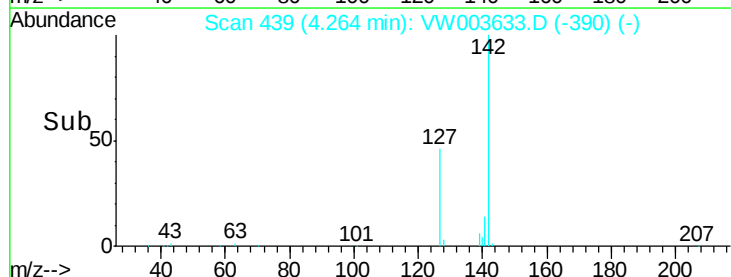
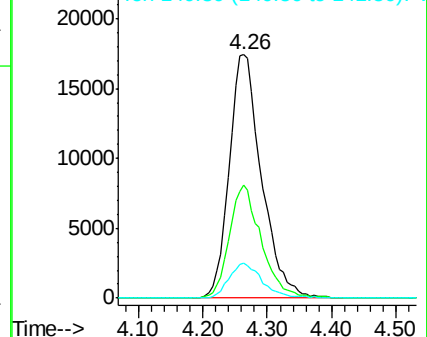
142 100

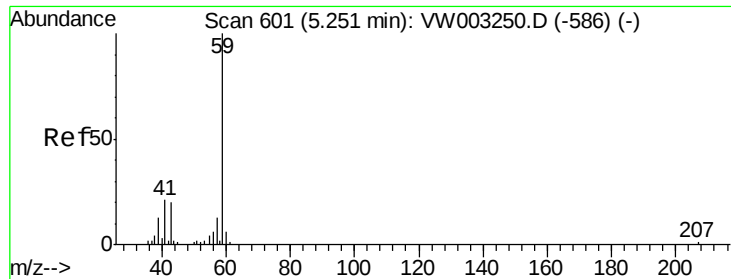
127 45.9 36.5 54.7

141 14.8 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



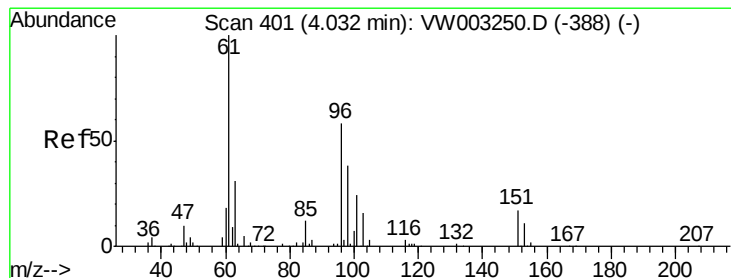
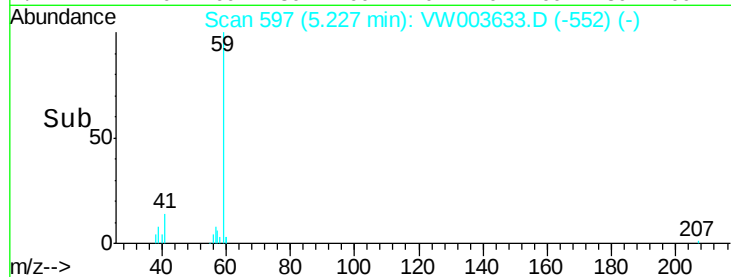
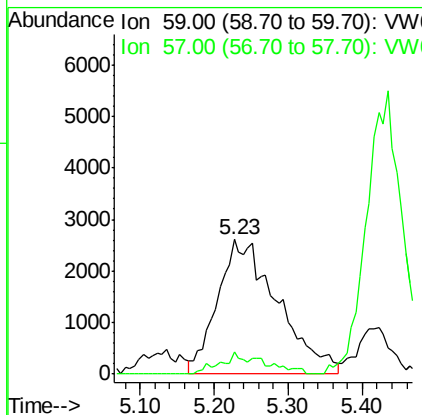
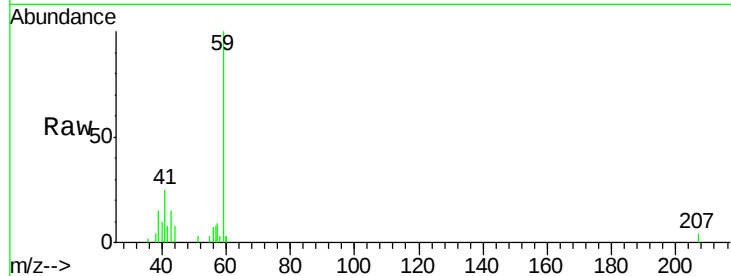


#11

Tert butyl alcohol
Concen: 118.372 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampled :

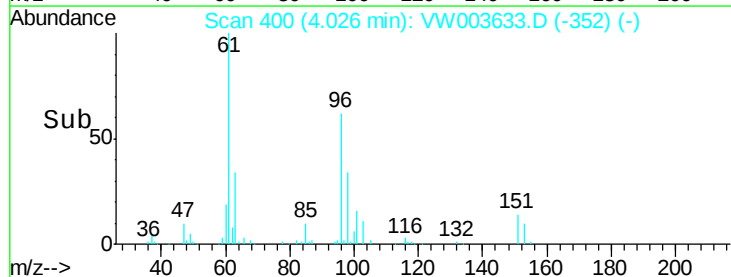
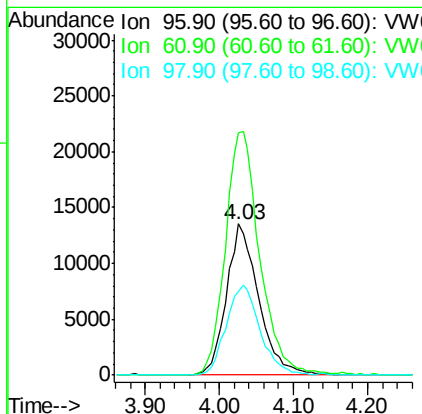
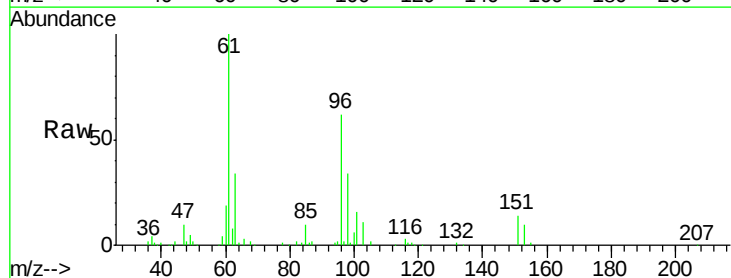
Tot Ion: 59 Resp: 14690
Ion Ratio Lower Upper
59 100
57 6.3 4.2 6.2#

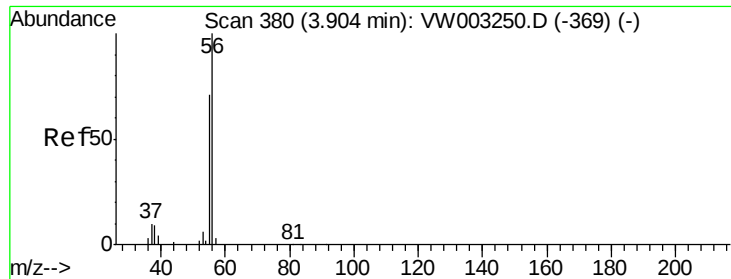


#12

1,1-Dichloroethene
Concen: 21.119 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 96 Resp: 40842
Ion Ratio Lower Upper
96 100
61 160.4 139.0 208.4
98 55.2 53.3 79.9





#13

Acrolein

Concen: 67.559 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

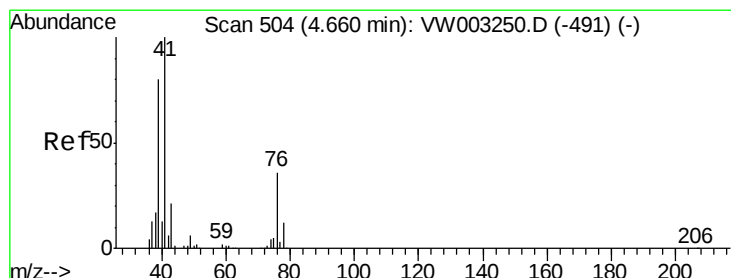
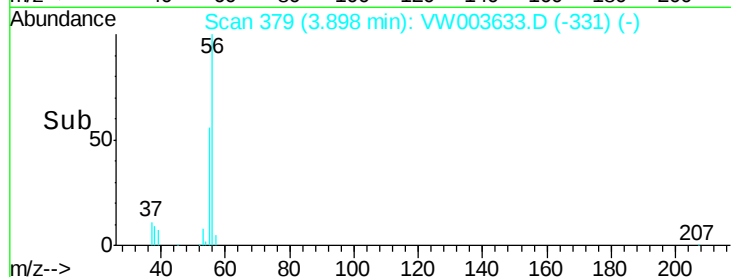
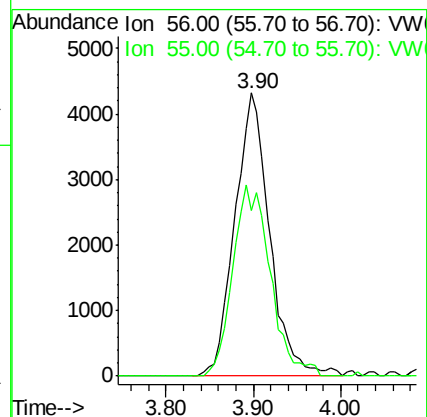
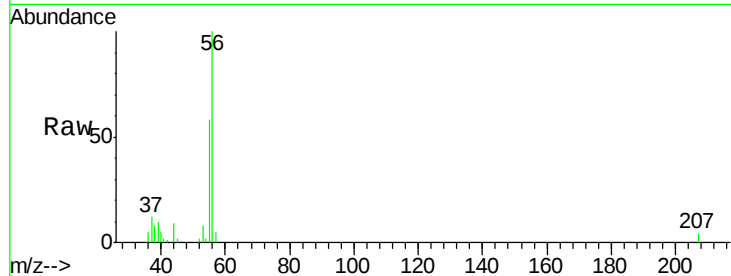
ClientSampleId :

Tot Ion: 56 Resp: 11987

Ion Ratio Lower Upper

56 100

55 72.3 55.4 83.2



#14

Allyl chloride

Concen: 21.035 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

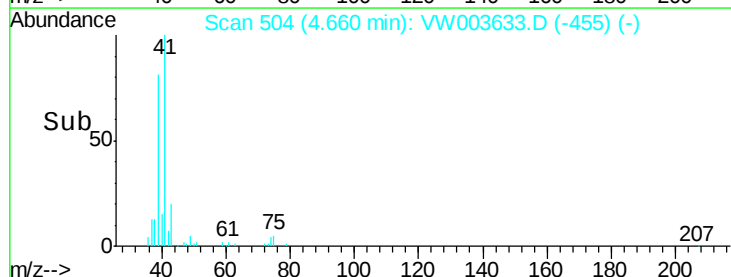
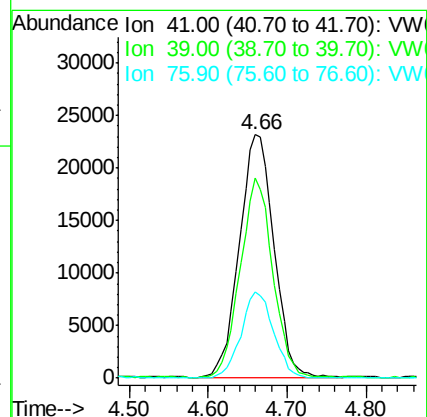
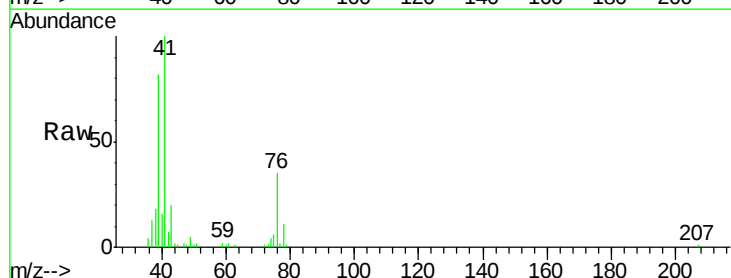
Tgt Ion: 41 Resp: 70466

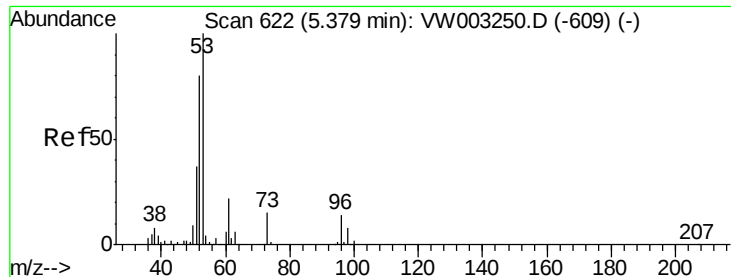
Ion Ratio Lower Upper

41 100

39 76.8 63.2 94.8

76 33.4 28.0 42.0





#15

Acrylonitrile

Concen: 114.023 ug/l

RT: 5.38 min Scan# 622

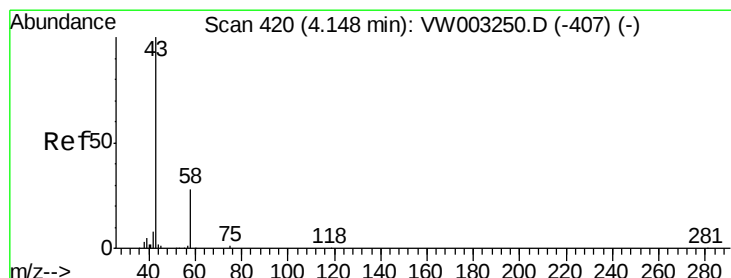
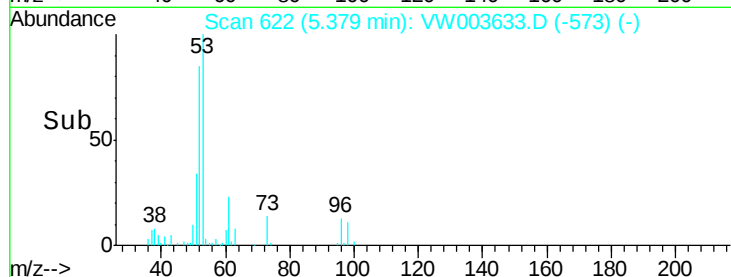
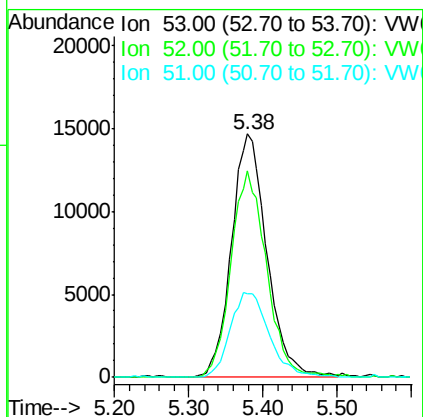
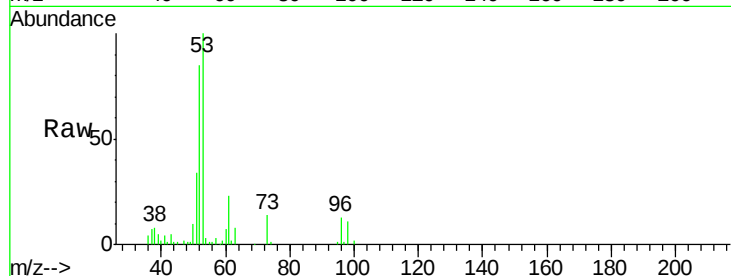
Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	53	Resp:	49114
Ion	Ratio	Lower	Upper
53	100		
52	85.0	66.6	100.0
51	38.3	30.6	46.0



#16

Acetone

Concen: 119.515 ug/l

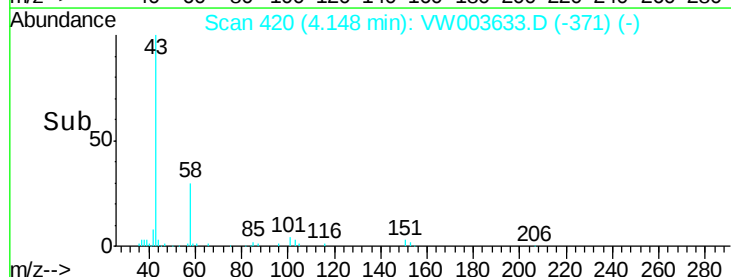
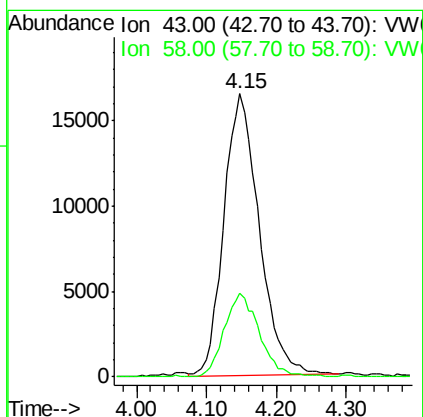
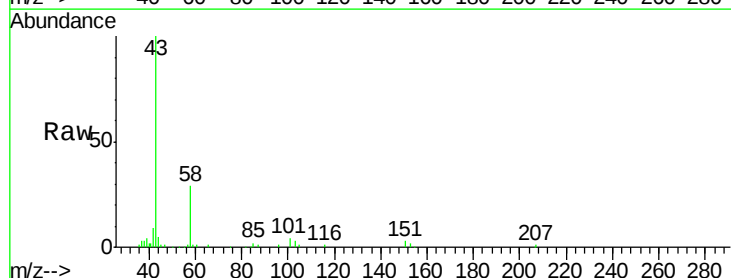
RT: 4.15 min Scan# 420

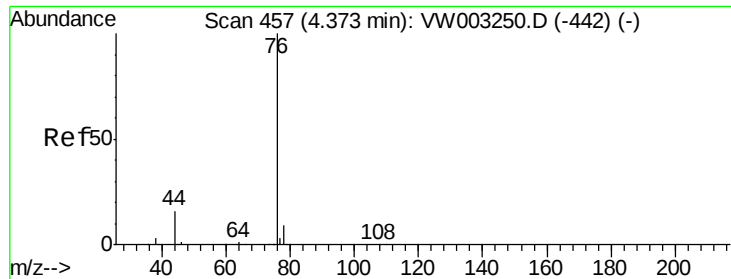
Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tgt Ion:	43	Resp:	58002
Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.6	34.0

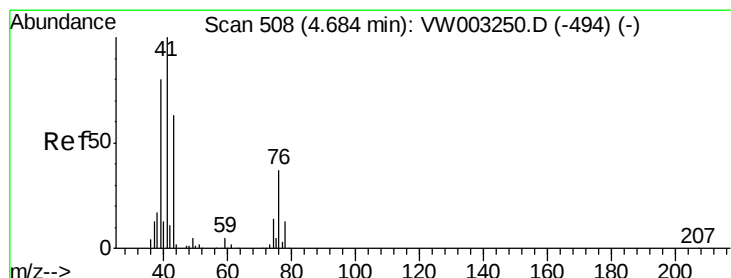
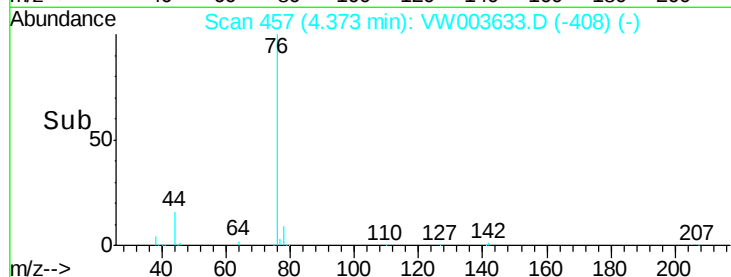
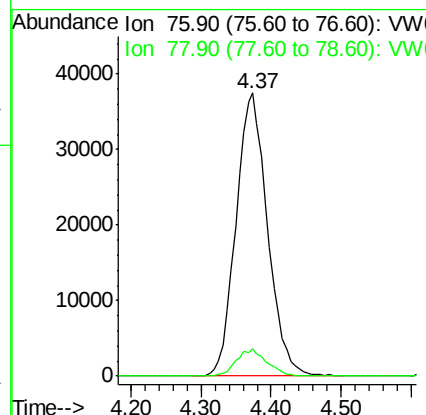
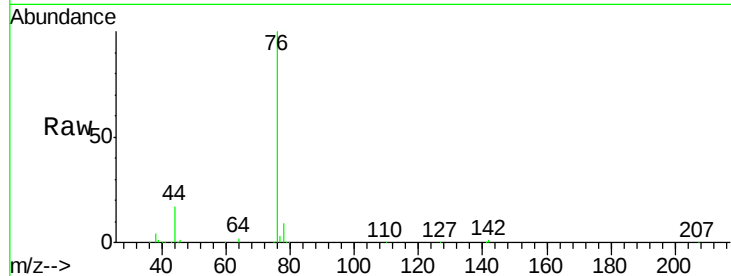




#17
Carbon Disulfide
Concen: 20.483 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

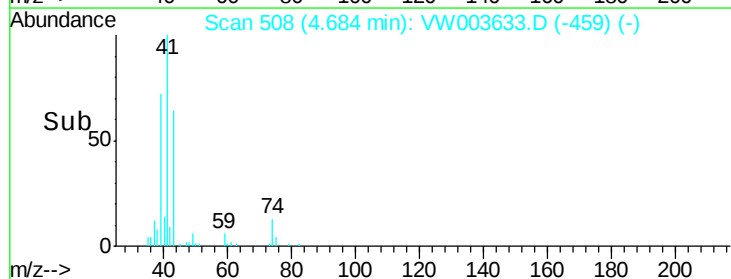
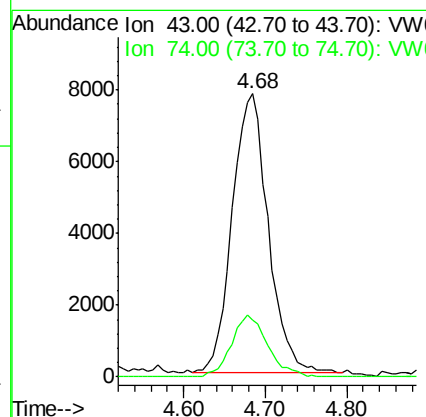
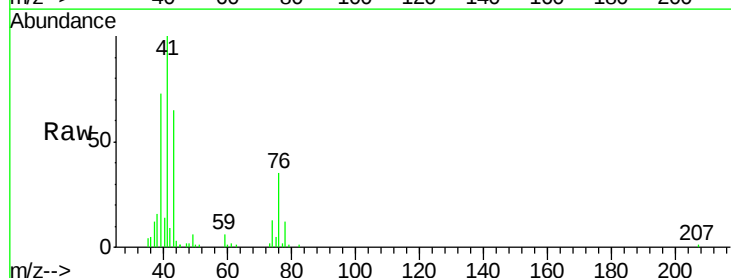
Instrument :
MSVOA_W
ClientSampled :

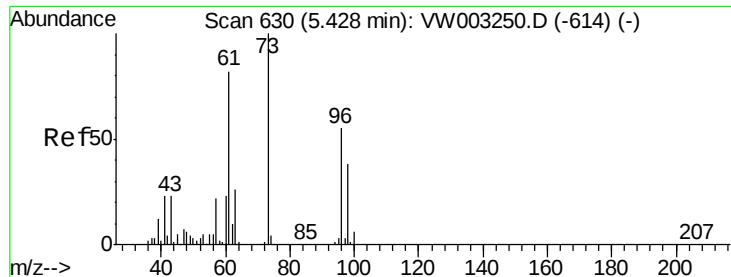
Tot Ion: 76 Resp: 117108
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 20.604 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 43 Resp: 23722
Ion Ratio Lower Upper
43 100
74 22.4 18.7 28.1

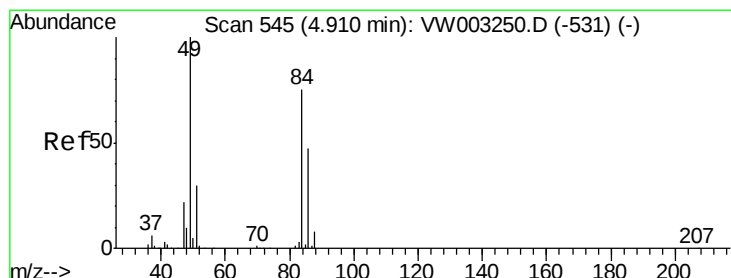
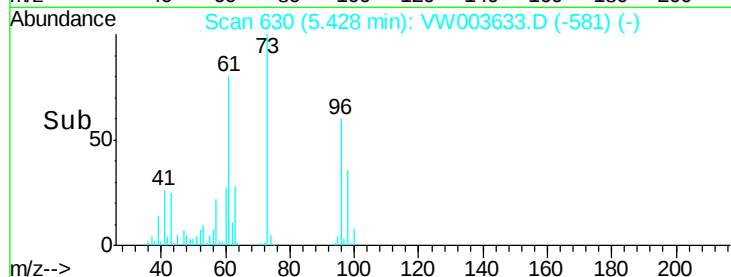
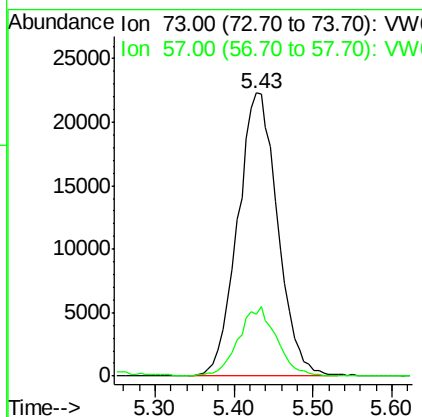
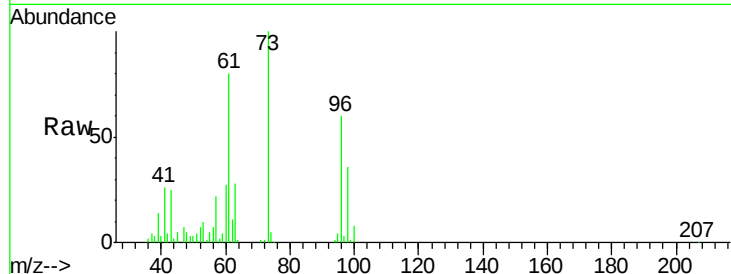




#19
Methvl tert-butvl Ether
Concen: 21.667 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

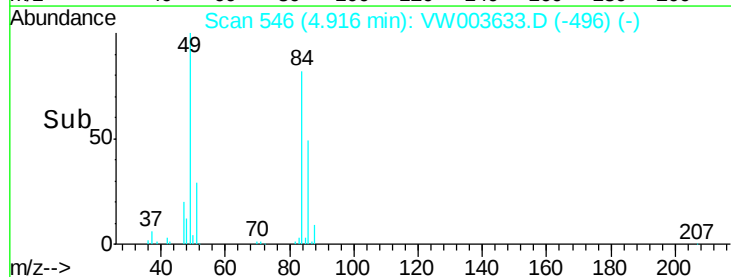
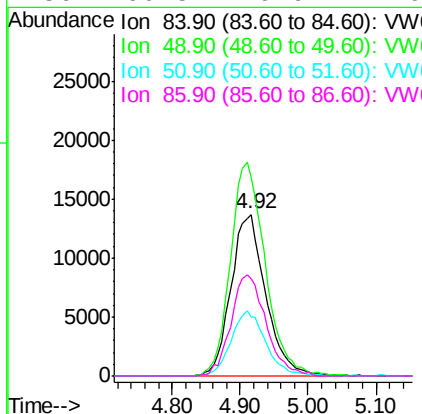
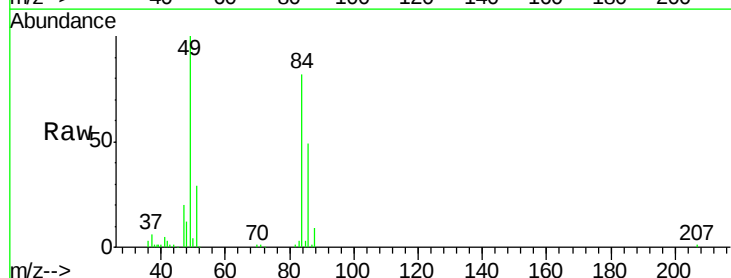
Instrument :
MSVOA_W
ClientSampleId :

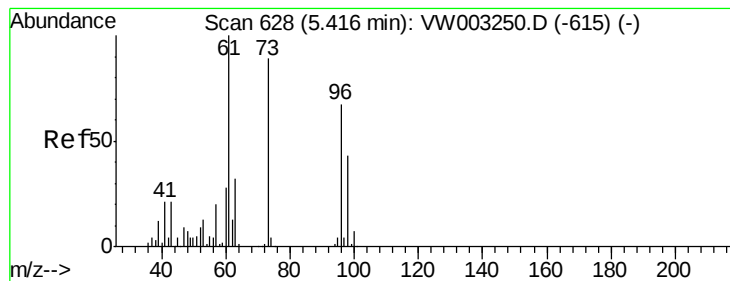
Tot Ion: 73 Resp: 78482
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0



#20
Methylene Chloride
Concen: 21.425 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 84 Resp: 48494
Ion Ratio Lower Upper
84 100
49 122.7 106.3 159.5
51 36.1 32.0 48.0
86 60.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.530 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampled :

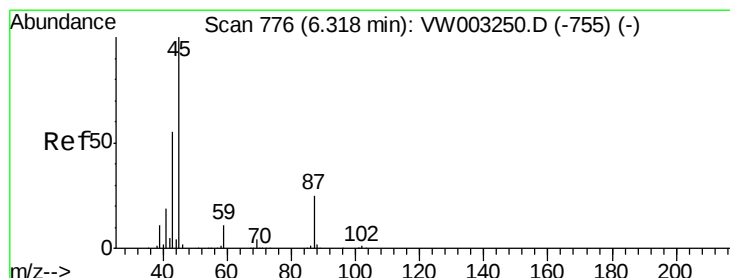
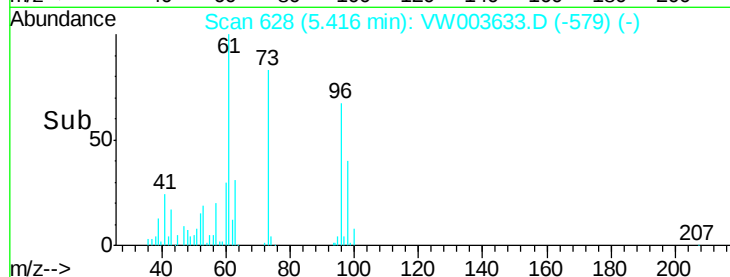
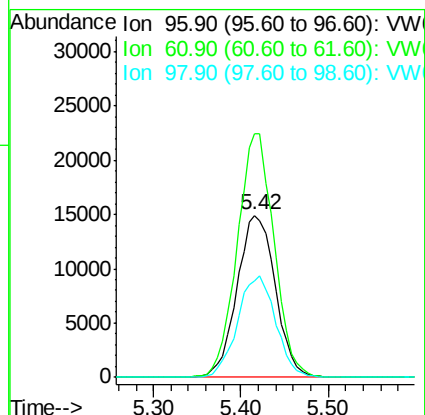
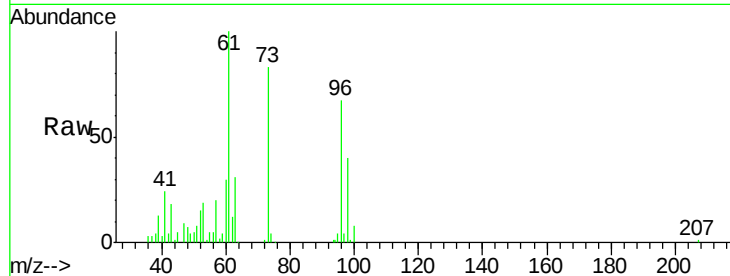
Tot Ion: 96 Resp: 45314

Ion Ratio Lower Upper

96 100

61 150.2 118.7 178.1

98 59.6 51.0 76.6



#22

Diisopropyl ether

Concen: 21.853 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tgt Ion: 45 Resp: 147334

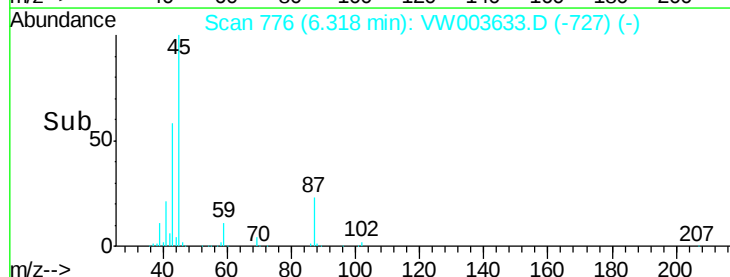
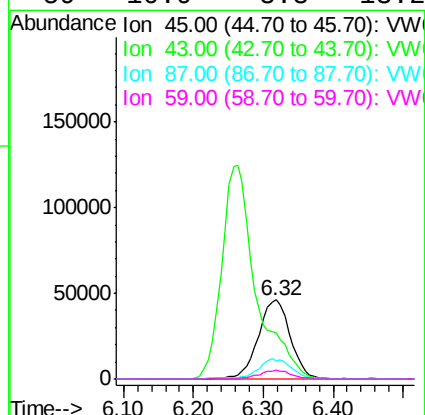
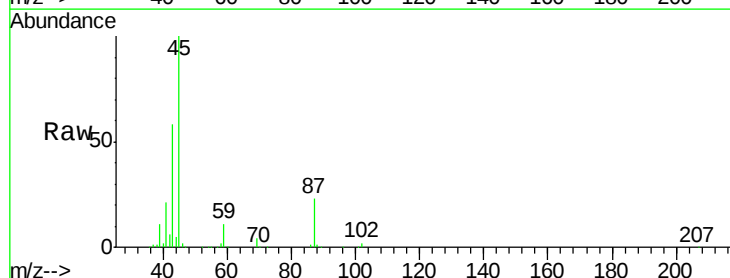
Ion Ratio Lower Upper

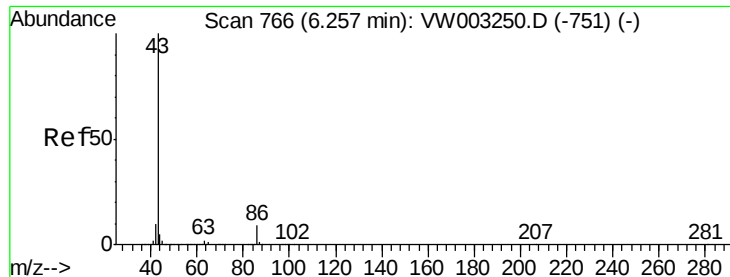
45 100

43 57.2 44.0 66.0

87 23.1 20.6 31.0

59 10.9 8.8 13.2





#23

Vinyl Acetate

Concen: 109.006 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

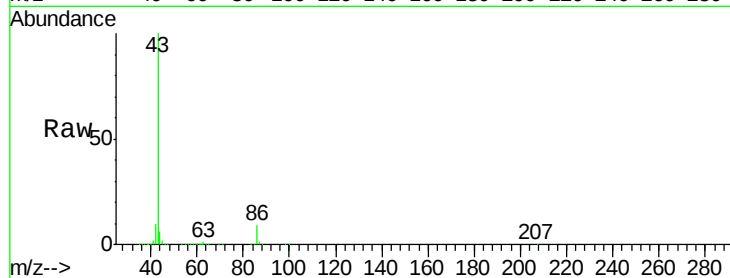
ClientSampled :

Tot Ion: 43 Resp: 423501

Ion Ratio Lower Upper

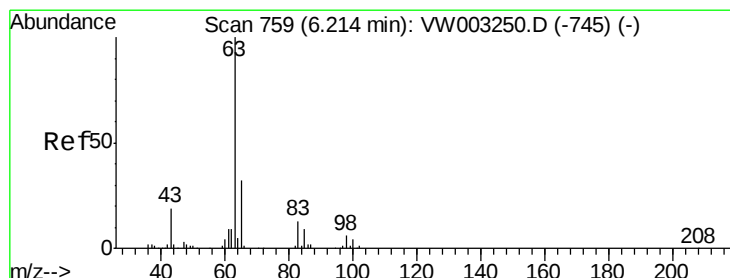
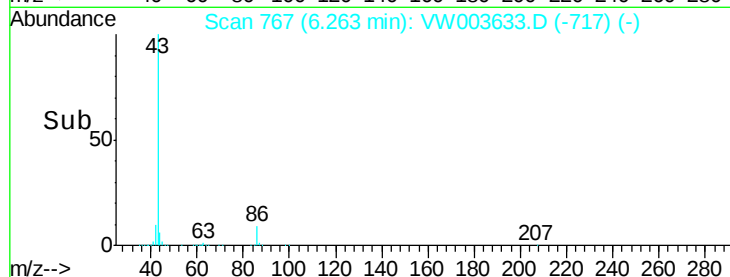
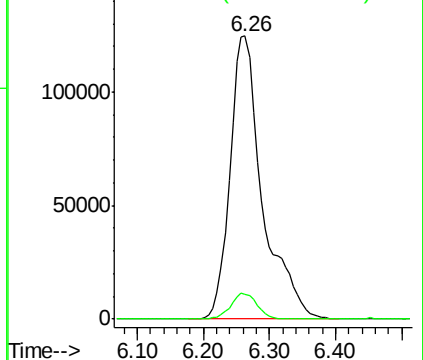
43 100

86 8.9 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.651 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

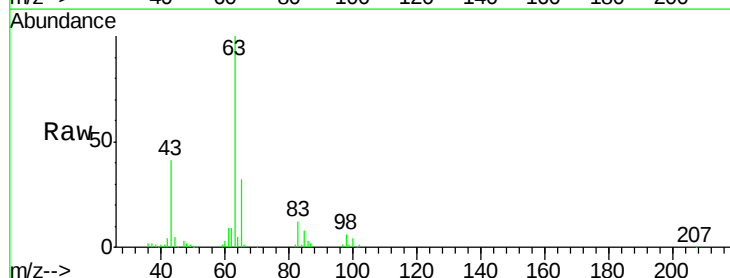
Tgt Ion: 63 Resp: 86654

Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.3

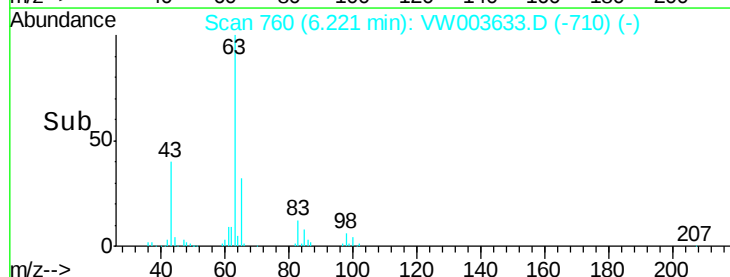
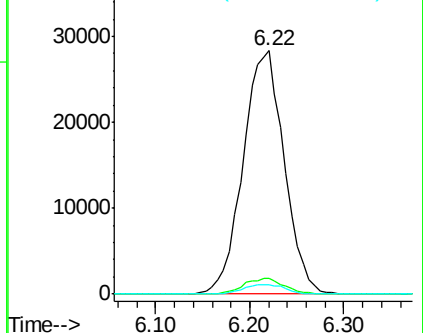
100 3.7 2.1 6.5

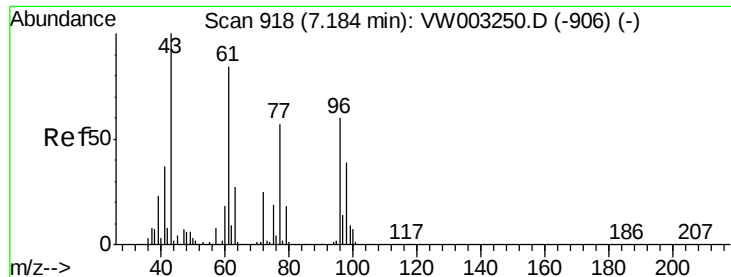


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 120.258 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

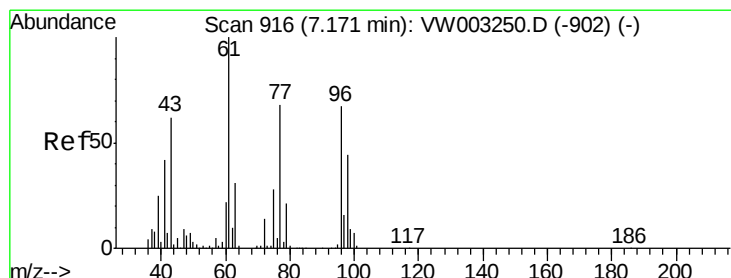
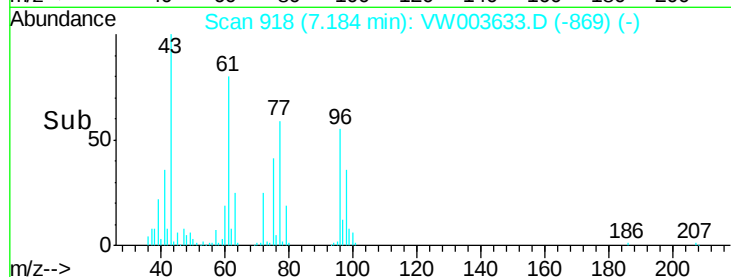
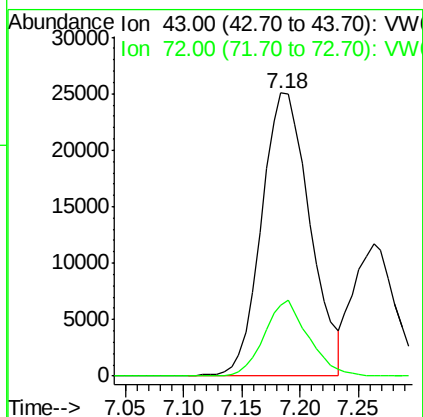
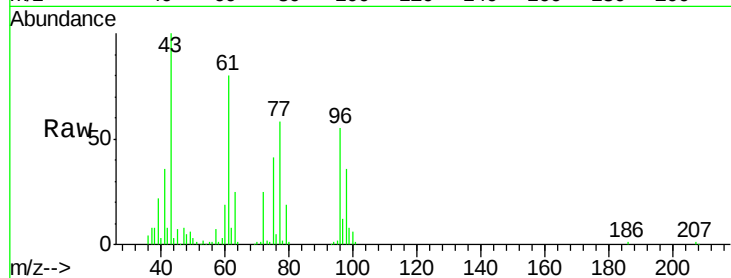
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 72572

Ion Ratio Lower Upper

43 100

72 24.9 20.3 30.5



#26

2,2-Dichloropropane

Concen: 21.150 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003633.D

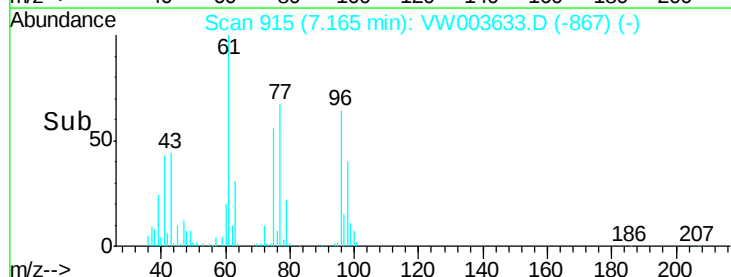
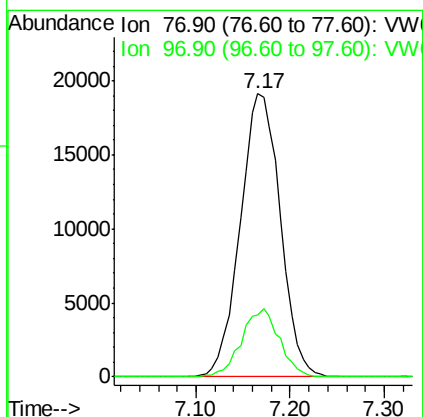
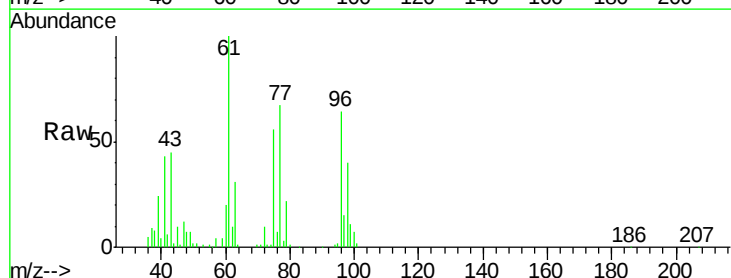
Acq: 28 Jun 2018 12:57

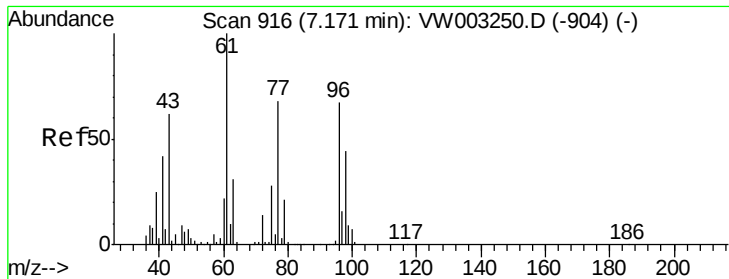
Tgt Ion: 77 Resp: 56493

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9



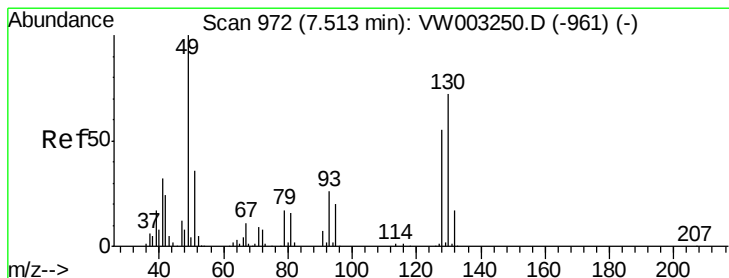
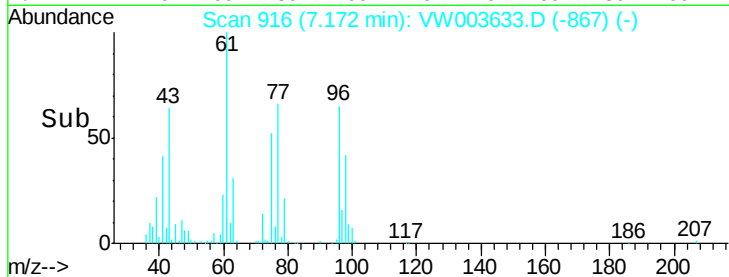
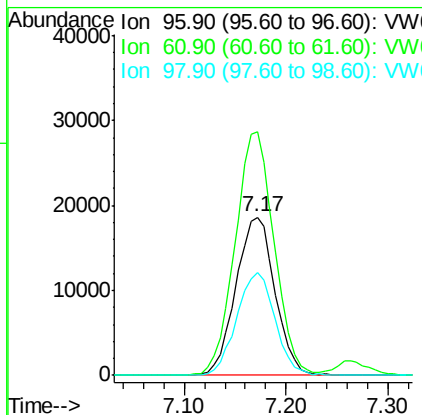
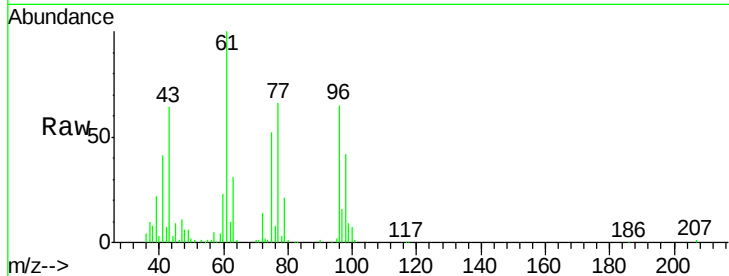


#27

cis-1,2-Dichloroethene
 Concen: 21.459 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :

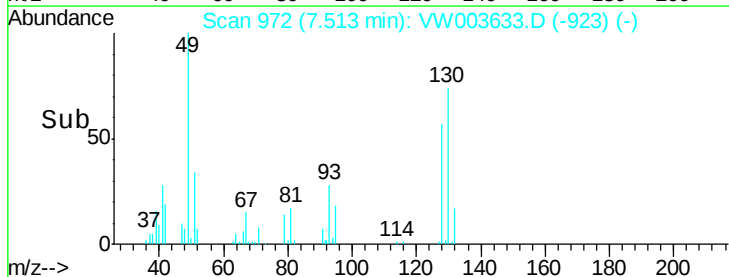
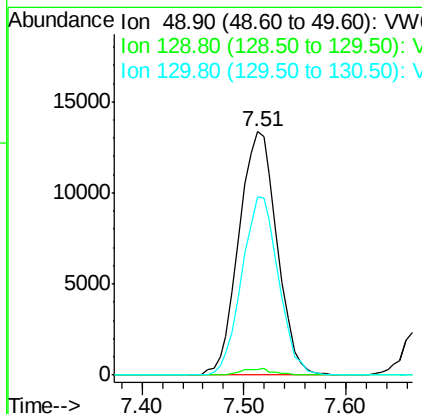
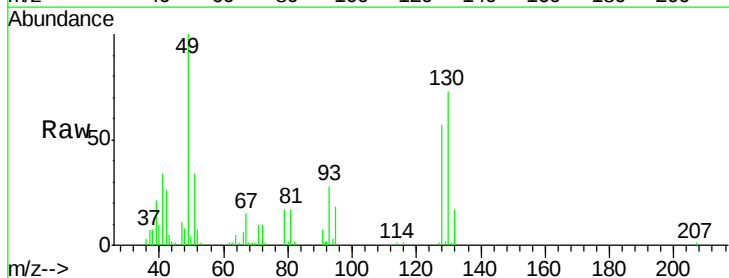
Tot Ion	96	Resp	49615
Ion	Ratio	Lower	Upper
96	100		
61	153.5	0.0	298.8
98	63.6	0.0	130.4

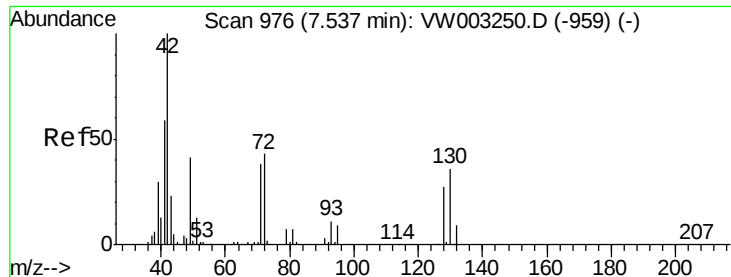


#28

Bromochloromethane
 Concen: 20.825 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	49	Resp	34685
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	70.6	59.4	89.2

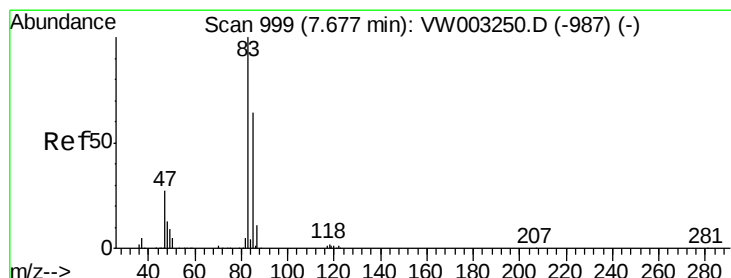
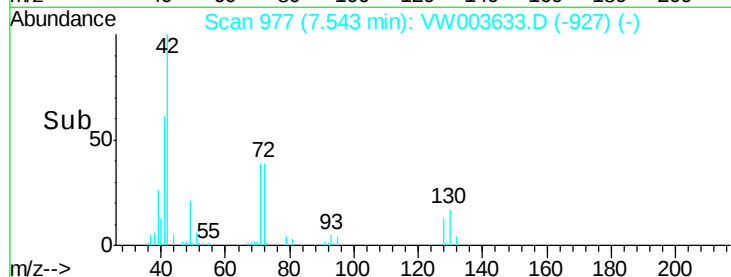
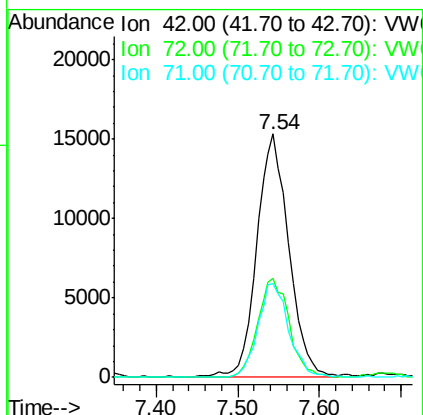
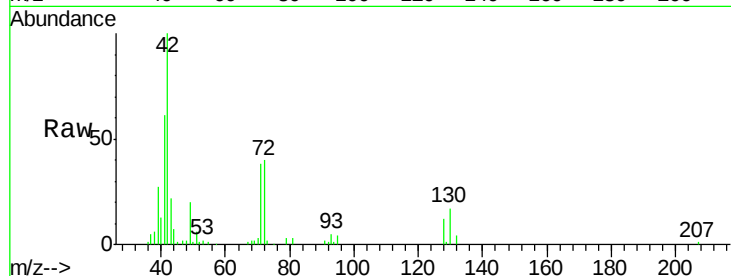




#29
Tetrahydrofuran
Concen: 113.776 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

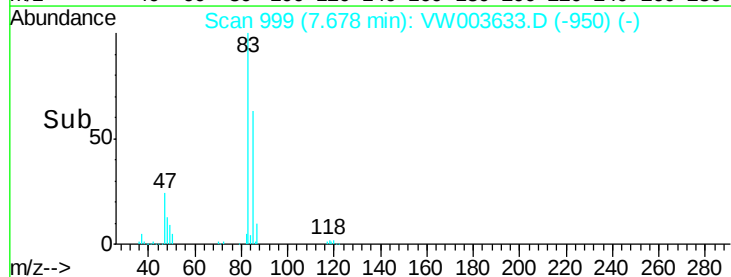
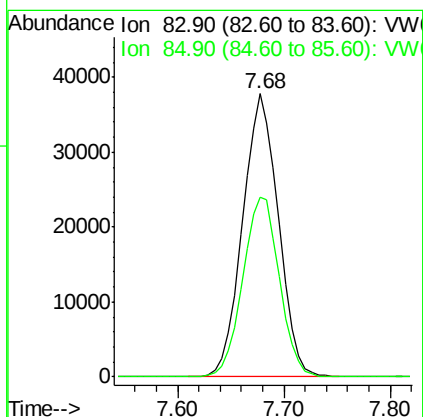
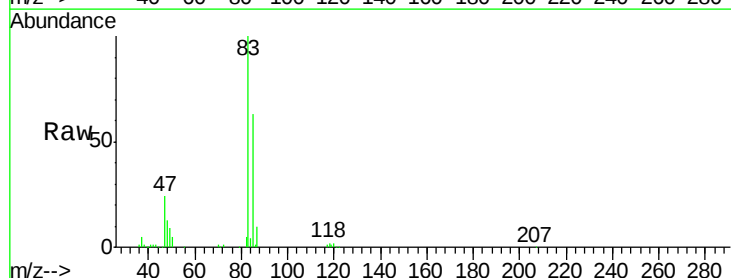
Instrument :
MSVOA_W
ClientSampled :

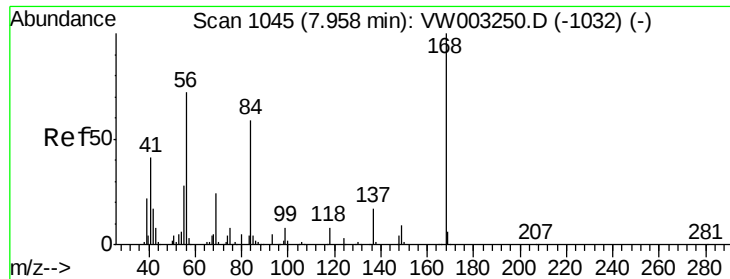
Tot Ion: 42 Resp: 41963
Ion Ratio Lower Upper
42 100
72 39.8 32.4 48.6
71 37.2 31.2 46.8



#30
Chloroform
Concen: 21.852 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 83 Resp: 89101
Ion Ratio Lower Upper
83 100
85 63.3 51.3 76.9

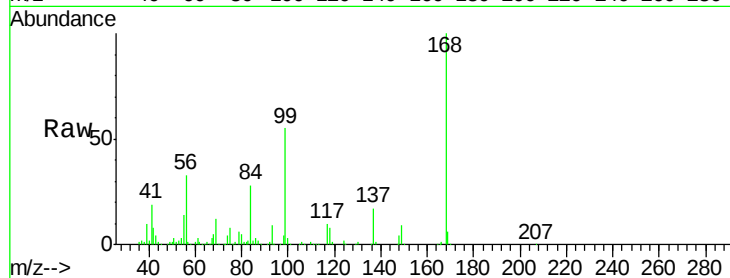




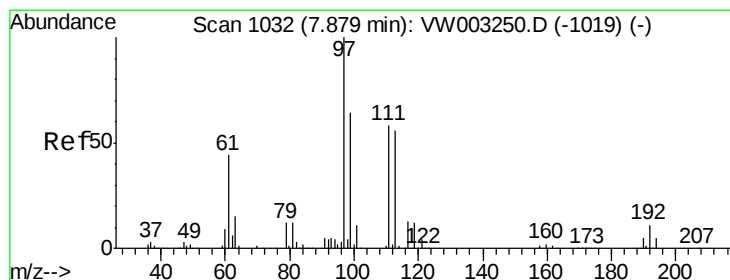
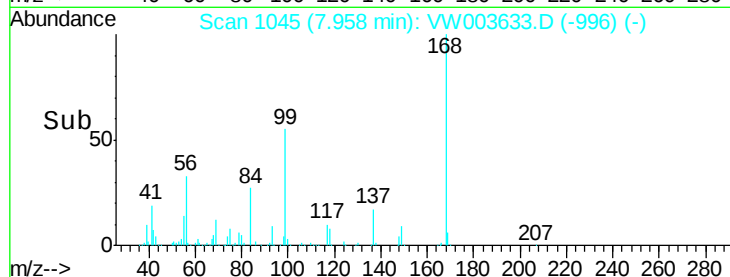
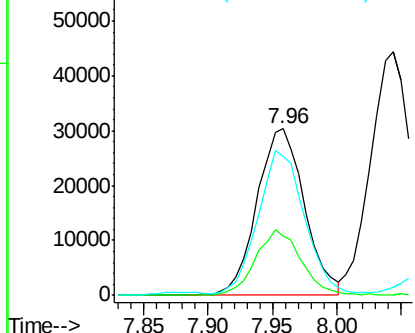
#31
Cyclohexane
Concen: 20.780 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 77701
Ion Ratio Lower Upper
56 100
69 35.9 26.3 39.5
84 82.2 65.7 98.5

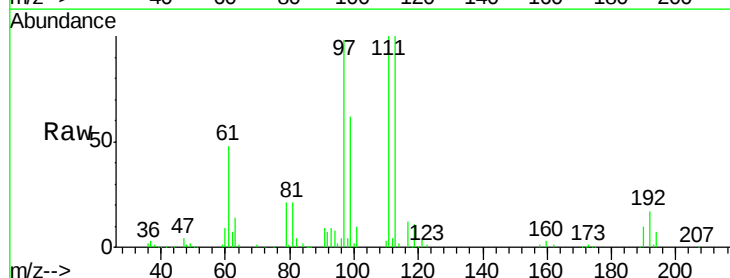


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

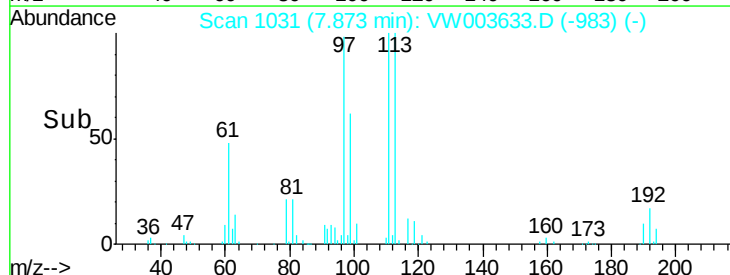
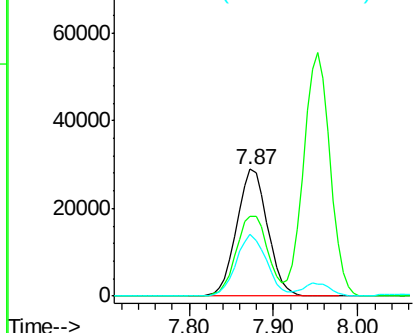


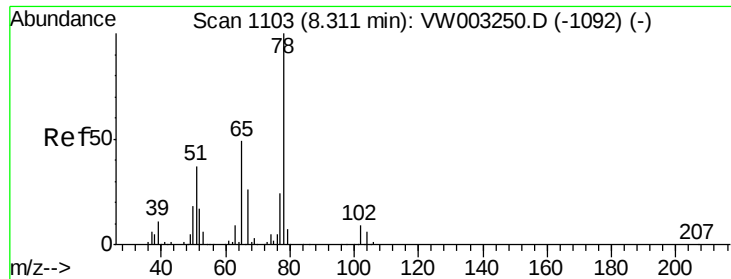
#32
1,1,1-Trichloroethane
Concen: 21.308 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 97 Resp: 71718
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 48.1 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: 51.973 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

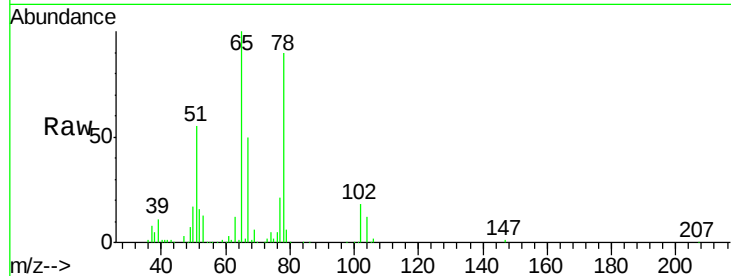
ClientSampled :

Tot Ion: 65 Resp: 120264

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

30000

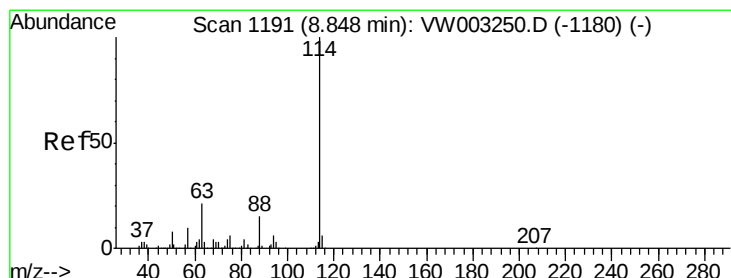
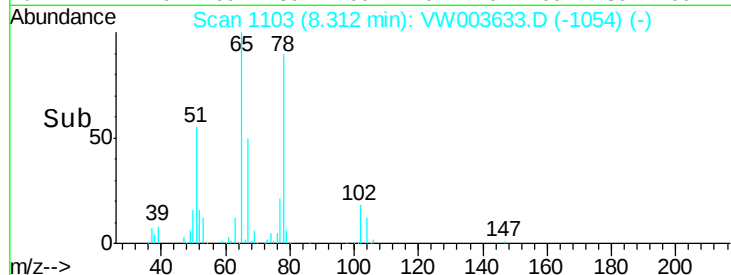
20000

10000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

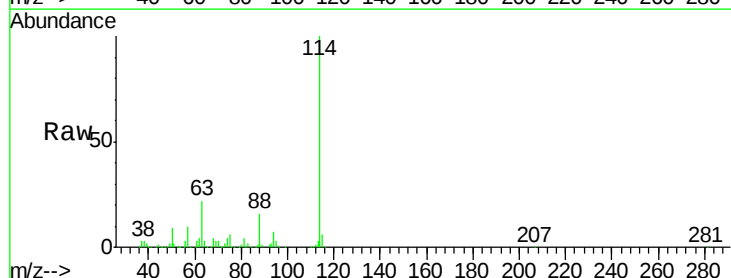
Tgt Ion: 114 Resp: 329990

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.0

88 16.0 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.85

200000

150000

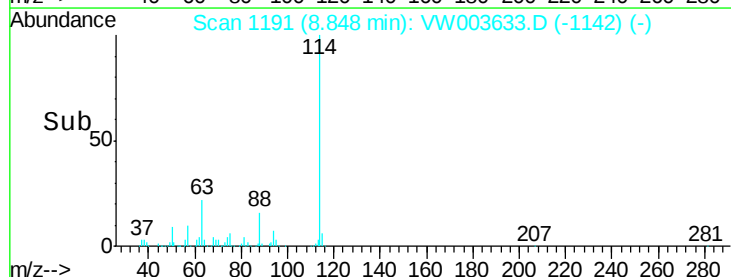
100000

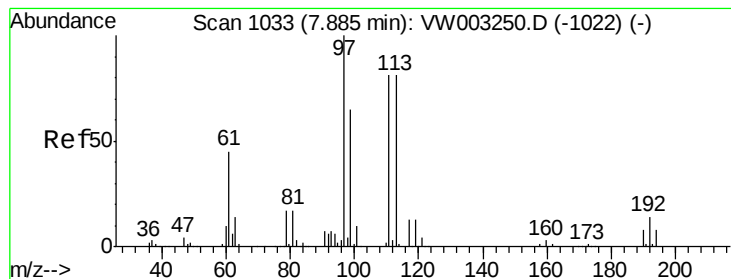
50000

0

8.75 8.80 8.85 8.90 8.95

Time-->





#35

Dibromofluoromethane

Concen: 51.138 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :

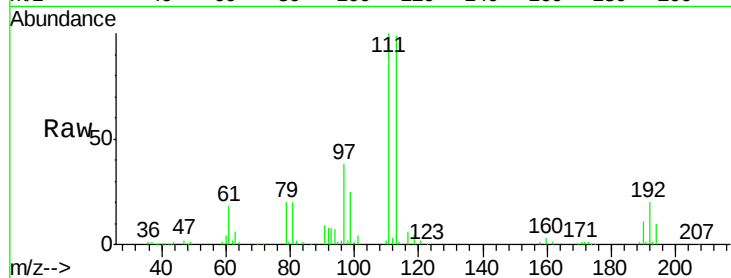
Tot Ion:113 Resp: 104856

Ion Ratio Lower Upper

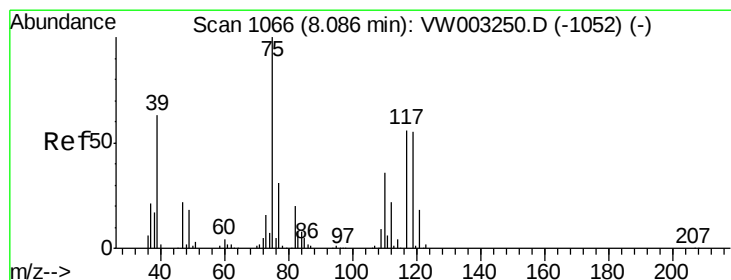
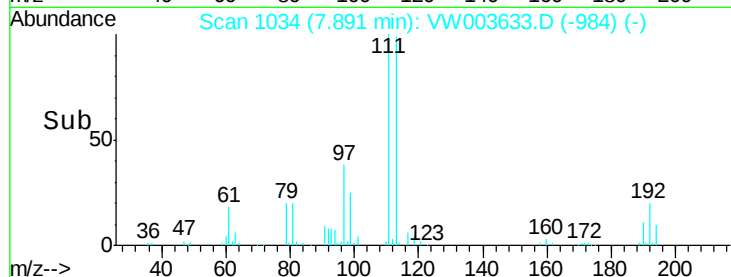
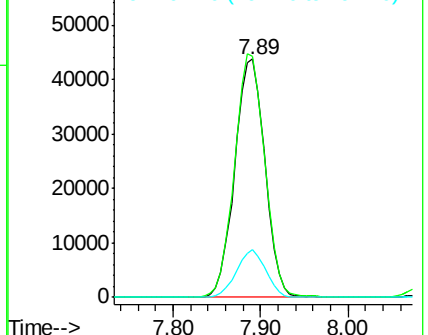
113 100

111 102.3 82.2 123.2

192 19.4 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: 21.798 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

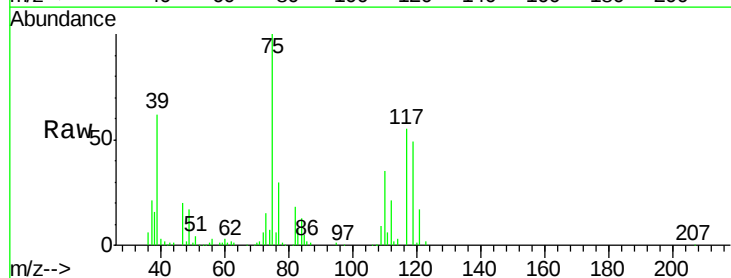
Tgt Ion: 75 Resp: 69468

Ion Ratio Lower Upper

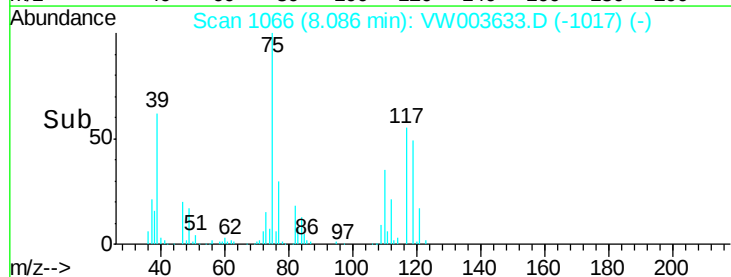
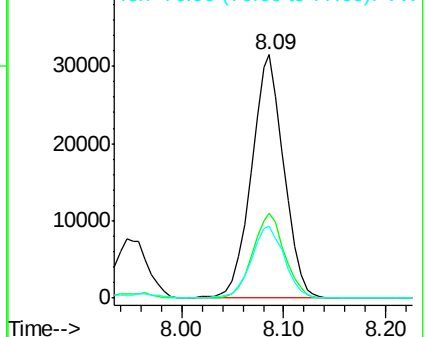
75 100

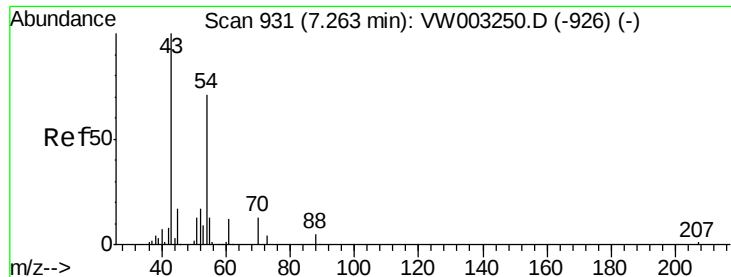
110 34.2 17.1 51.3

77 30.3 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

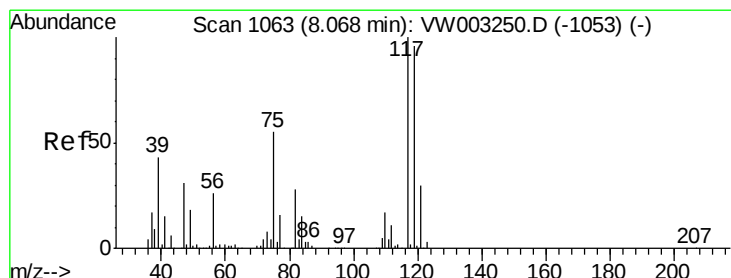
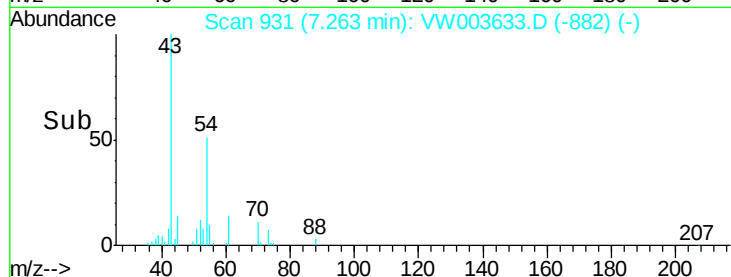
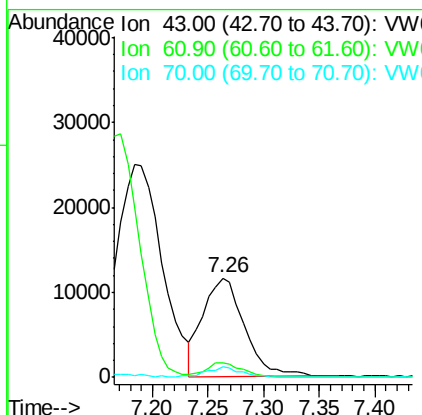
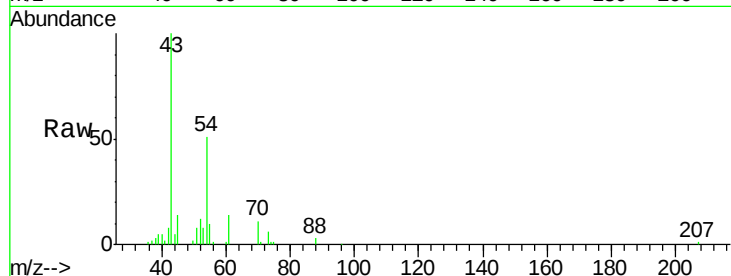




#37
Ethyl Acetate
Concen: 22.764 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

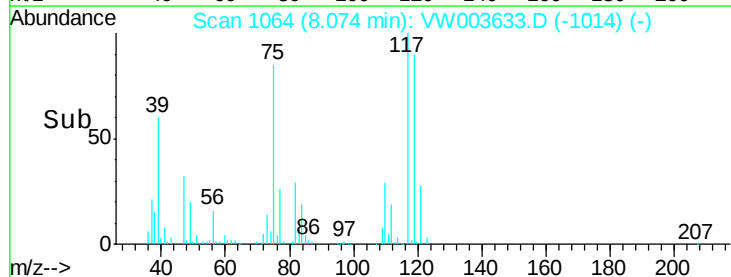
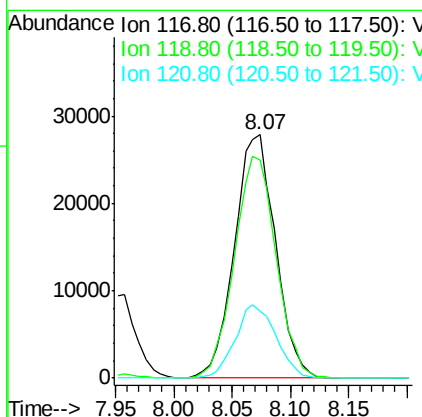
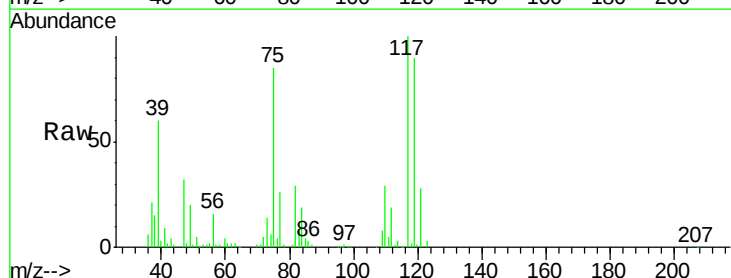
Instrument :
MSVOA_W
ClientSampleId :

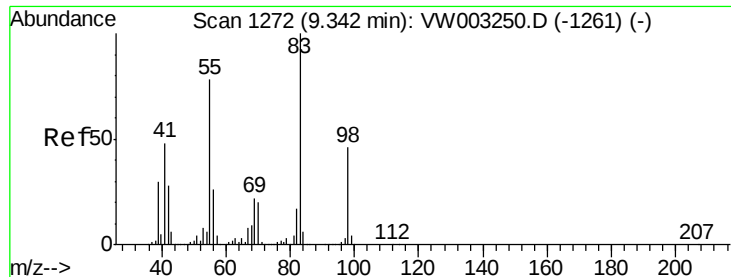
Tot Ion: 43 Resp: 30054
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 9.4 7.8 11.6



#38
Carbon Tetrachloride
Concen: 21.873 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 117 Resp: 68374
Ion Ratio Lower Upper
117 100
119 89.6 76.6 115.0
121 27.7 23.9 35.9

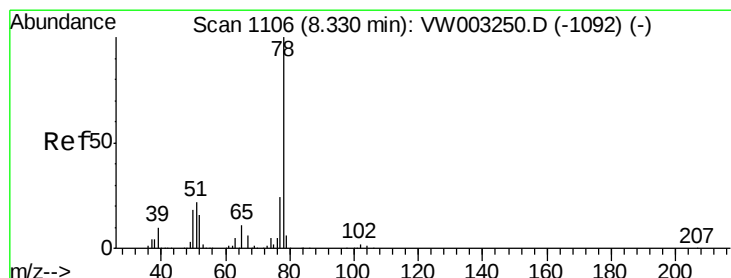
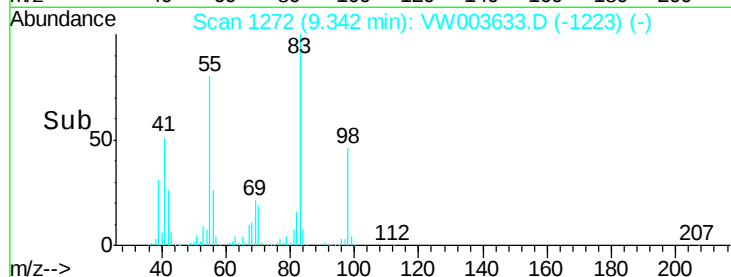
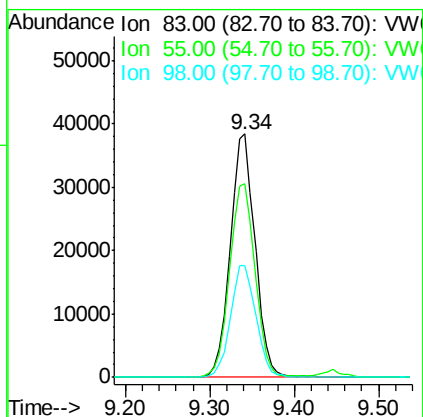
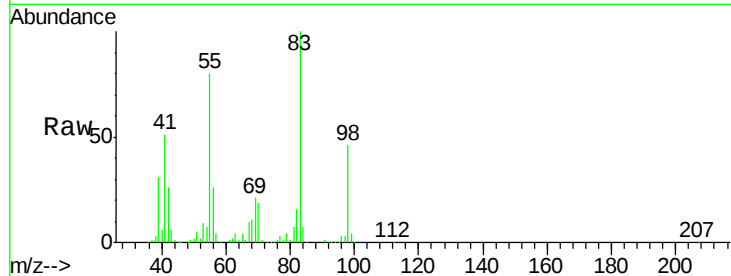




#39
Methvlcvclohexane
Concen: 20.795 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

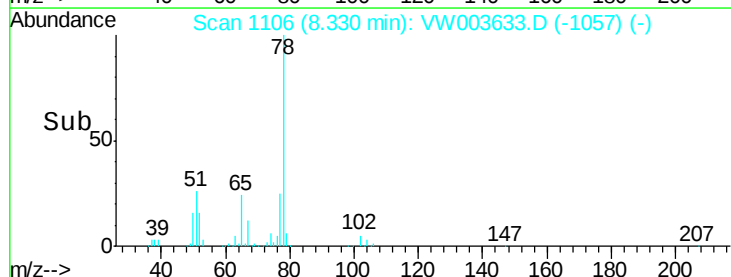
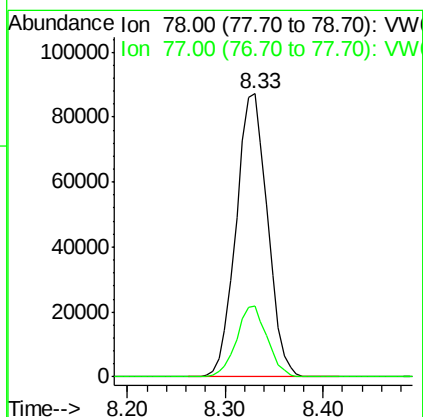
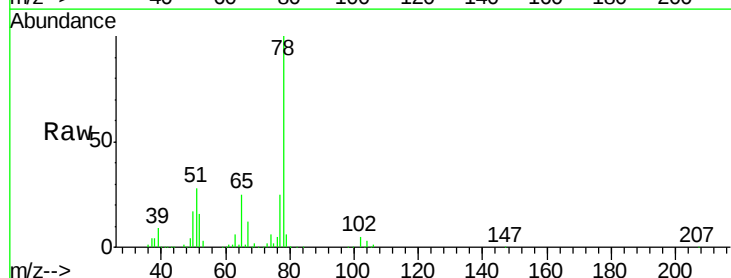
Instrument :
MSVOA_W
ClientSampled :

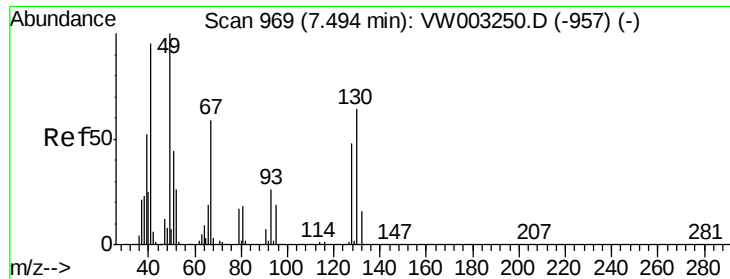
Tot Ion: 83 Resp: 76681
Ion Ratio Lower Upper
83 100
55 79.7 62.6 93.8
98 45.8 37.0 55.4



#40
Benzene
Concen: 22.103 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 78 Resp: 194164
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.6

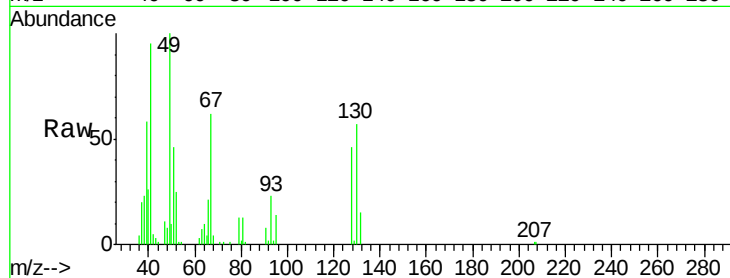




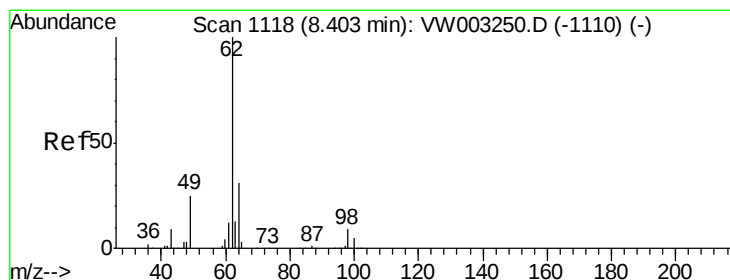
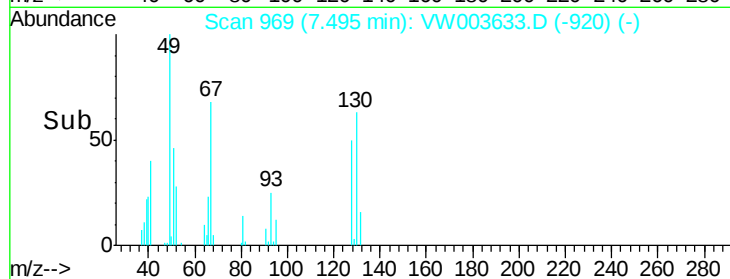
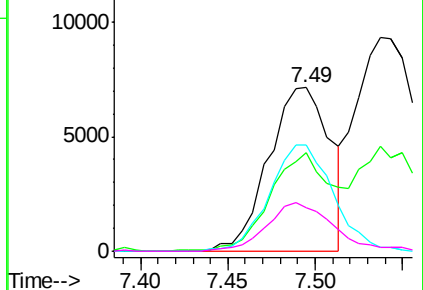
#41
Methacrylonitrile
Concen: 21.670 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	17556
Ion	Ratio	Lower	Upper
41	100		
39	64.1	45.8	68.8
67	67.2	52.3	78.5
52	32.6	24.1	36.1

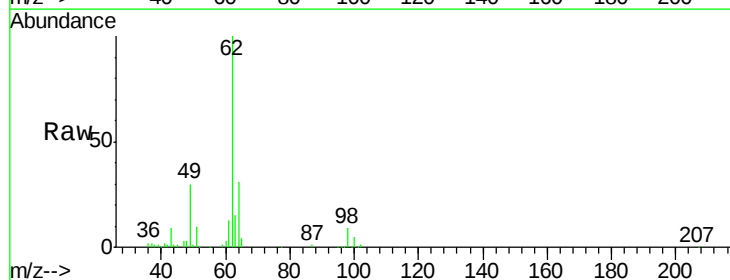


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

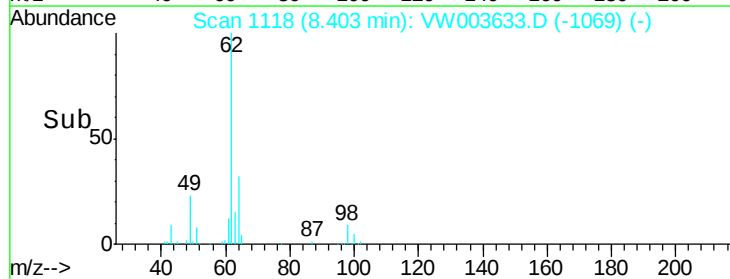
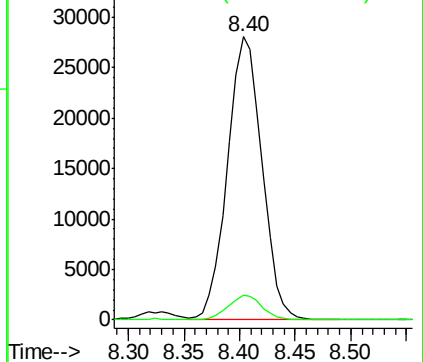


#42
1,2-Dichloroethane
Concen: 21.955 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion:	62	Resp:	60425
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



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



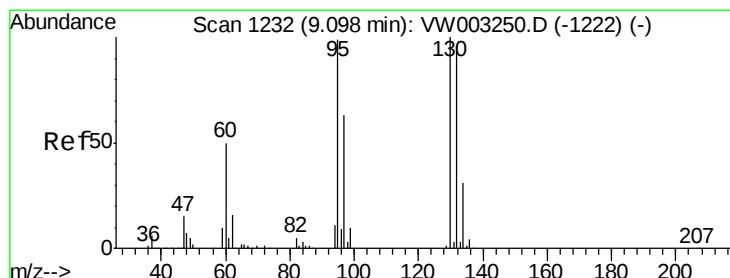
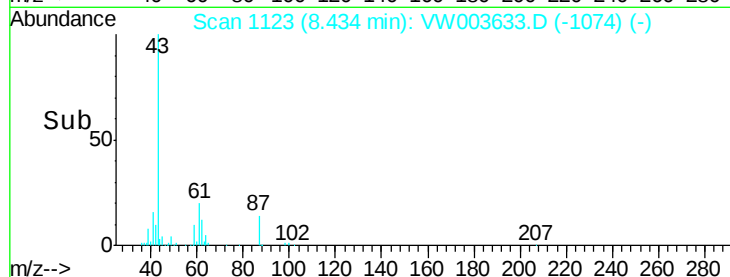
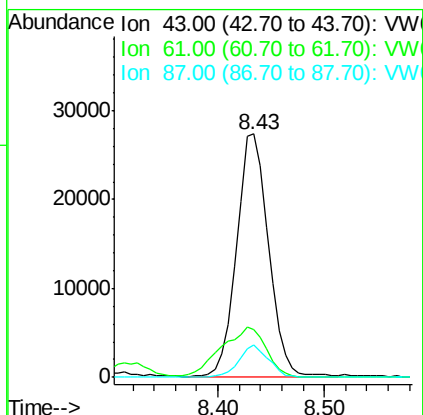
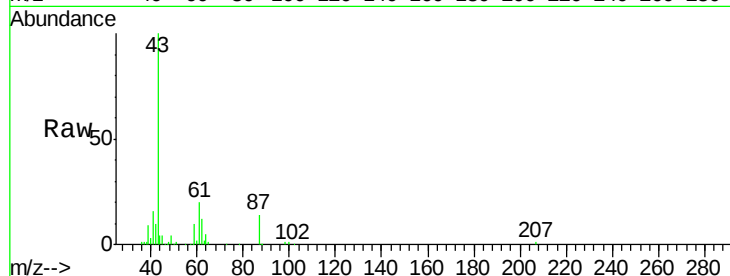


#43

Isopropyl Acetate
 Concen: 22.167 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :

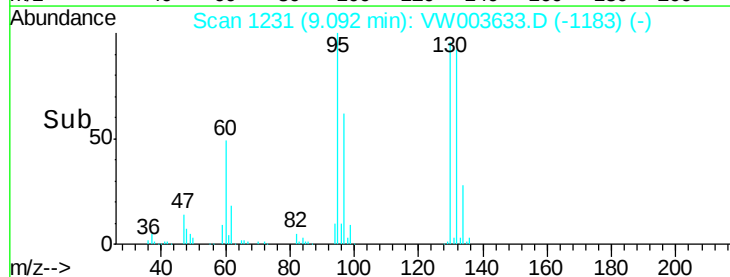
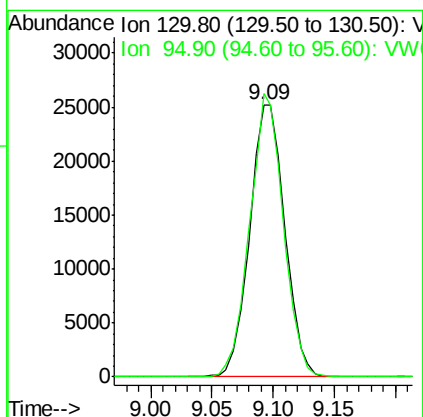
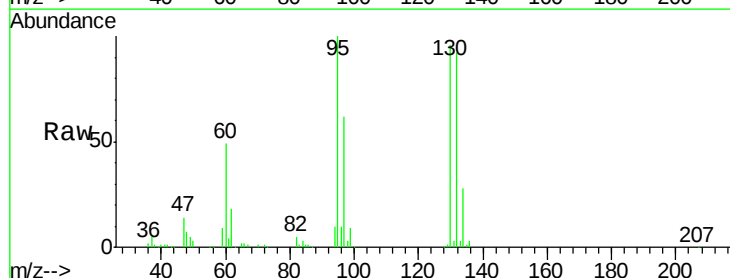
Tot Ion	43	Resp	58110
Ion Ratio	Lower	Upper	
43	100		
61	28.7	23.1	34.7
87	12.2	9.8	14.6

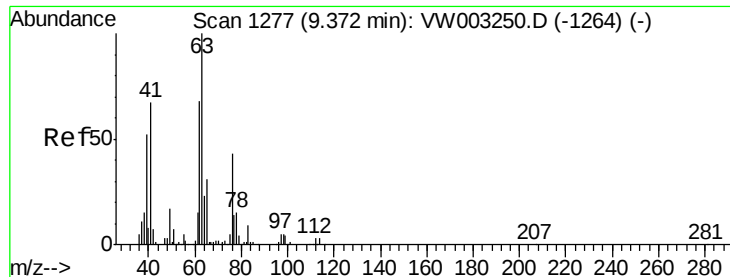


#44

Trichloroethene
 Concen: 21.645 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	130	Resp	50381
Ion Ratio	Lower	Upper	
130	100		
95	104.0	0.0	198.0





#45

1,2-Dichloropropane

Concen: 22.414 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

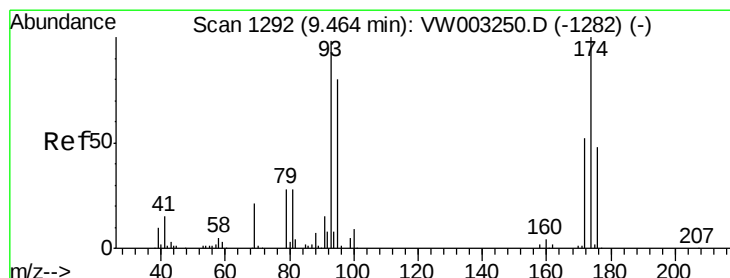
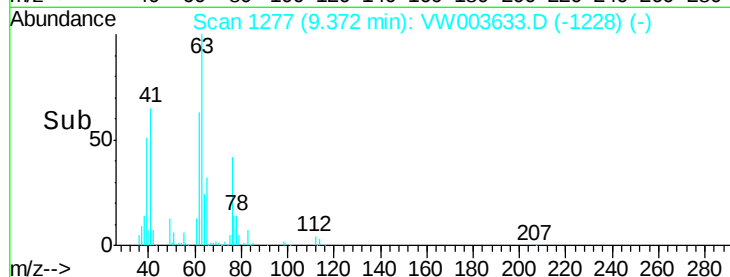
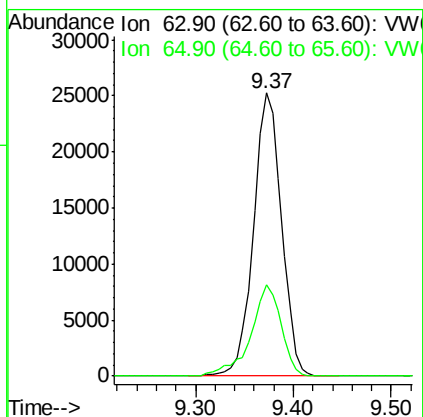
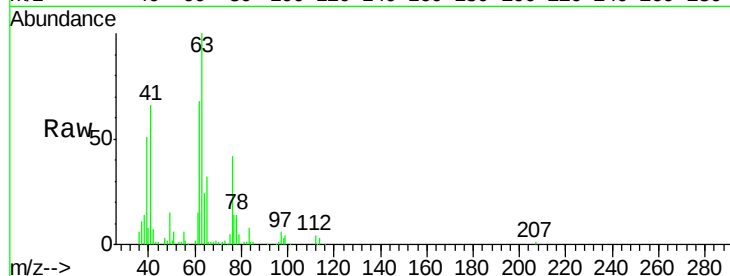
ClientSampled :

Tot Ion: 63 Resp: 50131

Ion Ratio Lower Upper

63 100

65 32.3 25.1 37.7



#46

Dibromomethane

Concen: 22.048 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

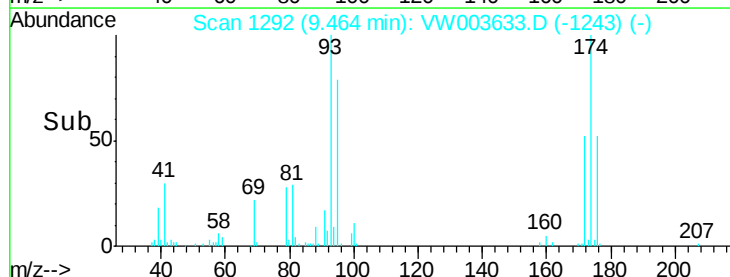
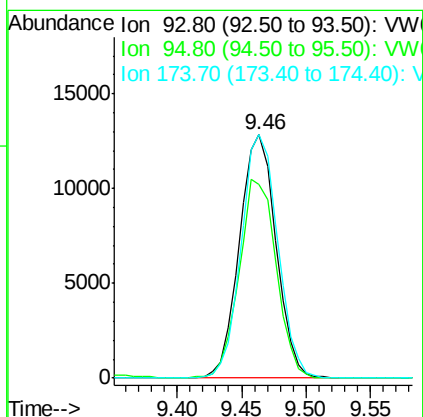
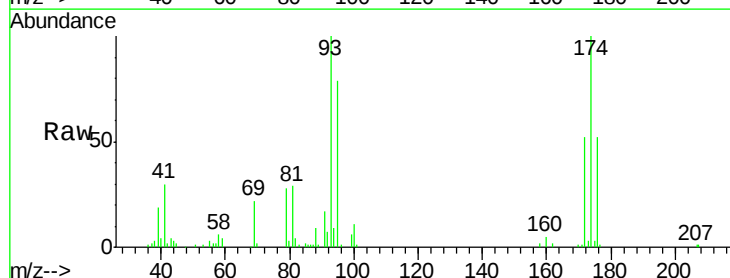
Tgt Ion: 93 Resp: 25247

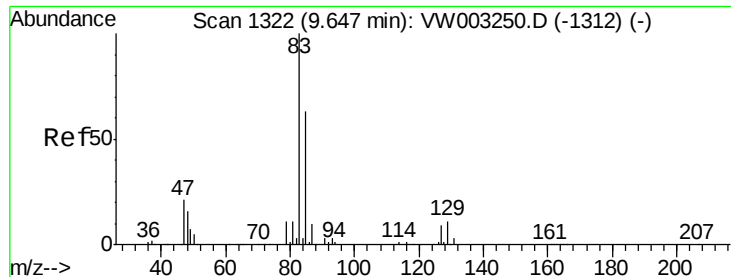
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 99.6 81.4 122.0

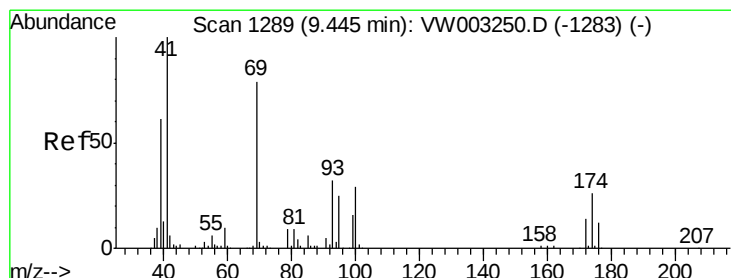
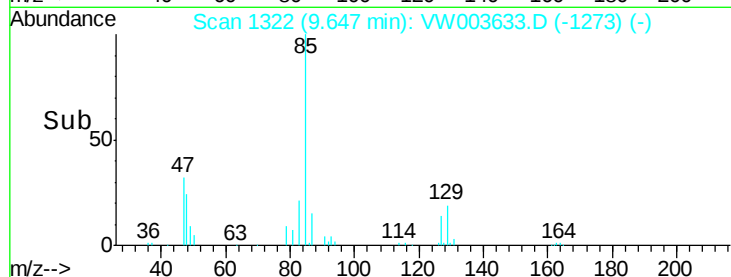
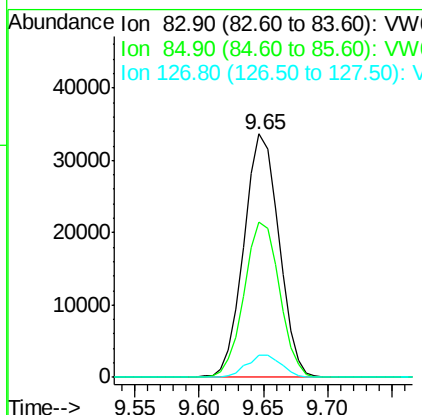
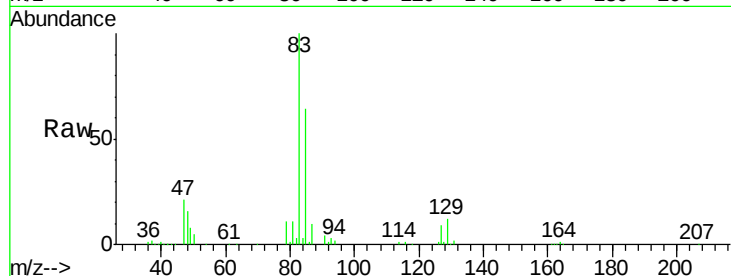




#47
Bromodichloromethane
Concen: 21.600 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

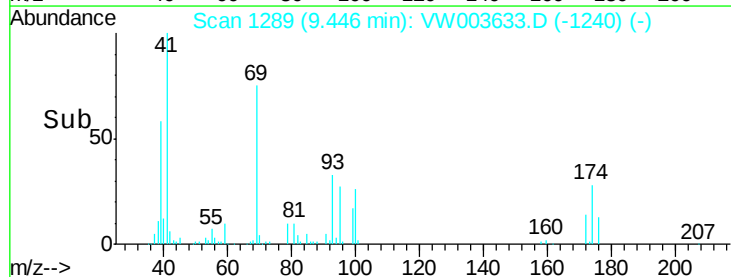
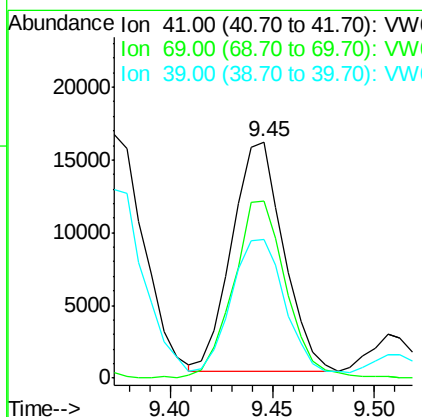
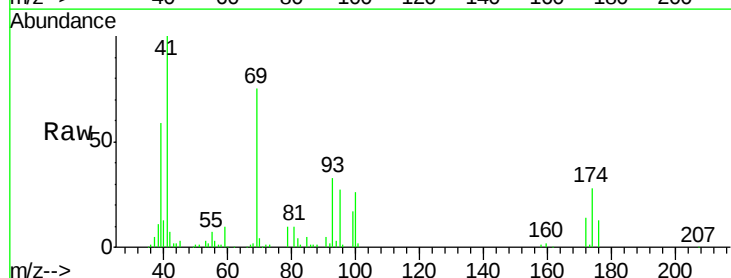
Instrument :
MSVOA_W
ClientSampled :

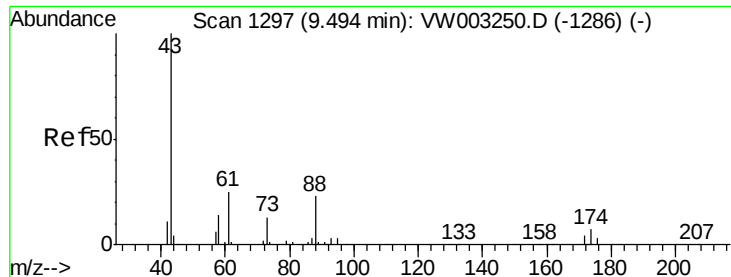
Tot Ion: 83 Resp: 63400
Ion Ratio Lower Upper
83 100
85 63.9 50.6 75.8
127 9.0 6.8 10.2



#48
Methyl methacrylate
Concen: 22.617 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 41 Resp: 27863
Ion Ratio Lower Upper
41 100
69 79.1 65.4 98.2
39 65.0 54.2 81.2

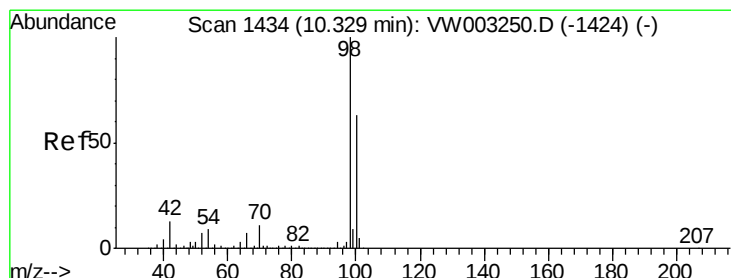
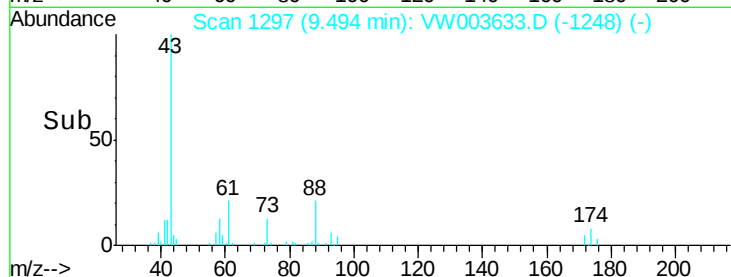
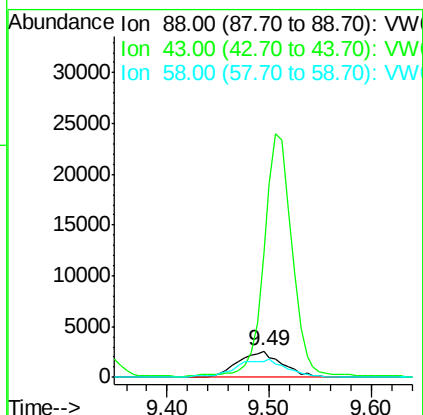
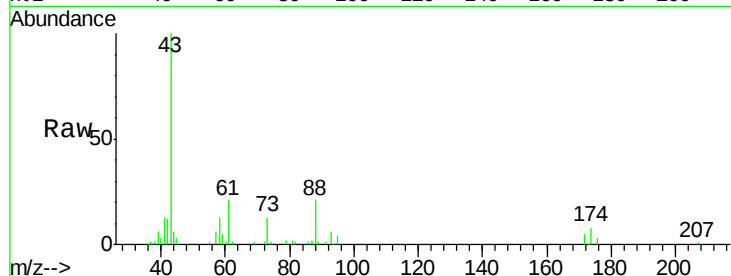




#49
1,4-Dioxane
Concen: 443.790 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

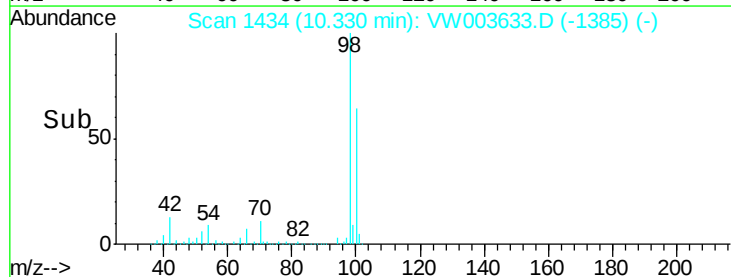
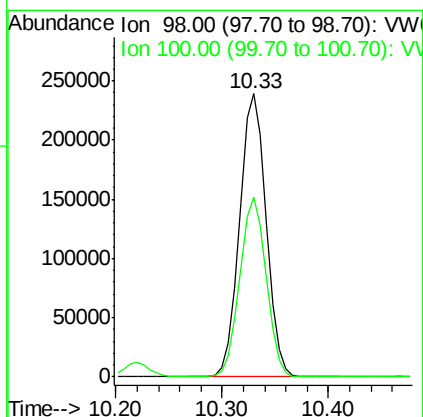
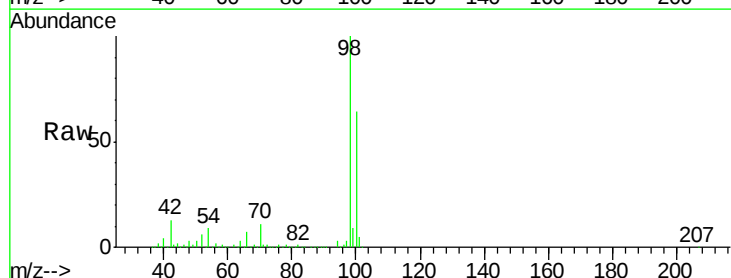
Instrument :
MSVOA_W
ClientSampleId :

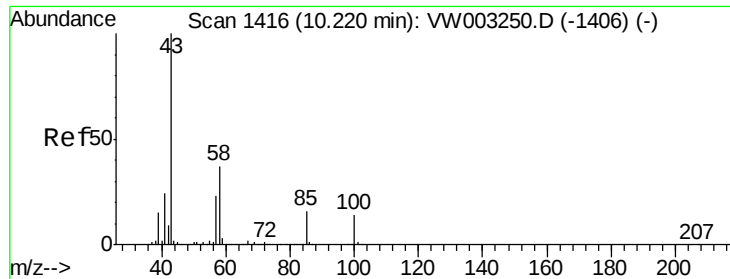
Tot Ion: 88 Resp: 7673
Ion Ratio Lower Upper
88 100
43 572.6 454.7 682.1
58 78.4 58.6 88.0



#50
Toluene-d8
Concen: 51.580 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 98 Resp: 419370
Ion Ratio Lower Upper
98 100
100 63.1 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 113.984 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

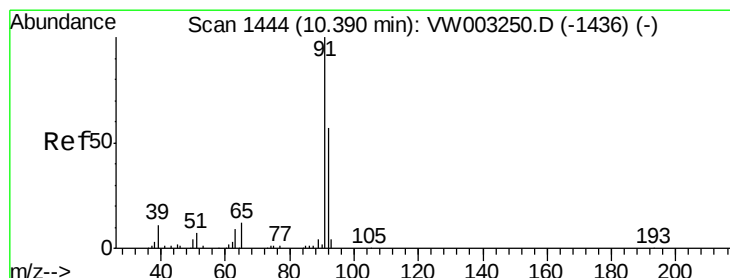
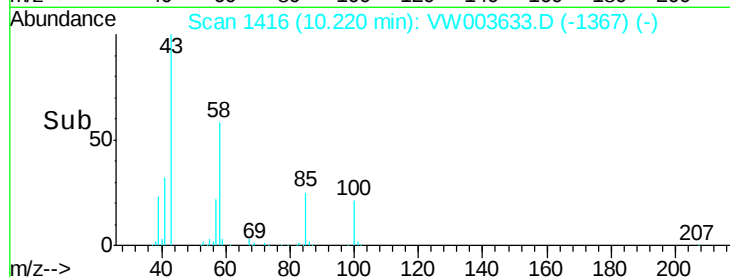
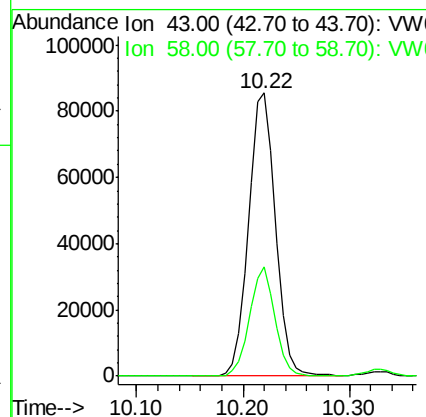
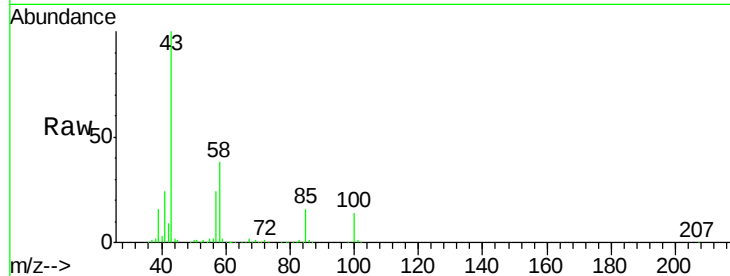
ClientSampled :

Tot Ion: 43 Resp: 152259

Ion Ratio Lower Upper

43 100

58 36.2 29.0 43.4



#52

Toluene

Concen: 21.946 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003633.D

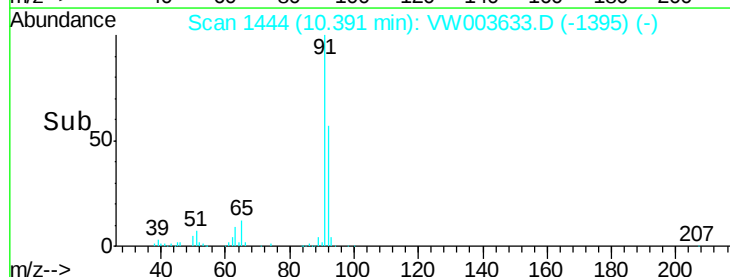
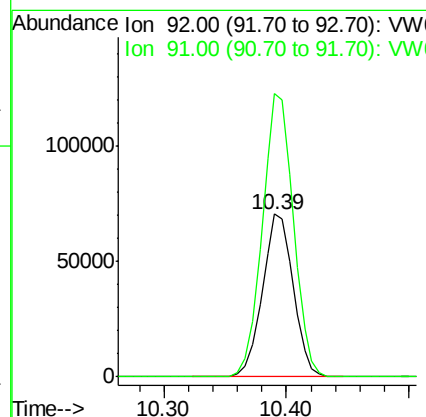
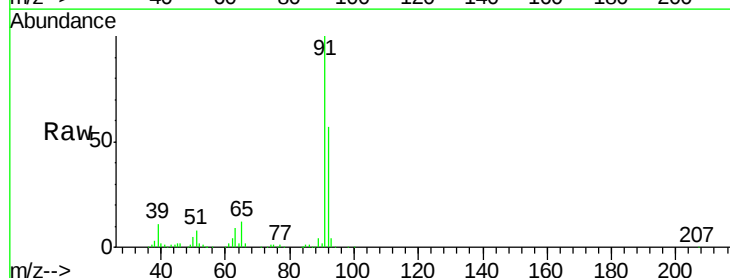
Acq: 28 Jun 2018 12:57

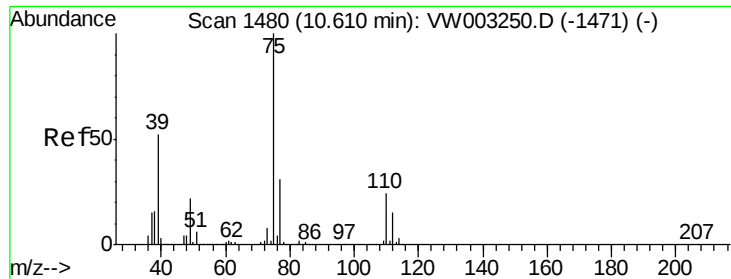
Tgt Ion: 92 Resp: 123622

Ion Ratio Lower Upper

92 100

91 175.8 141.1 211.7

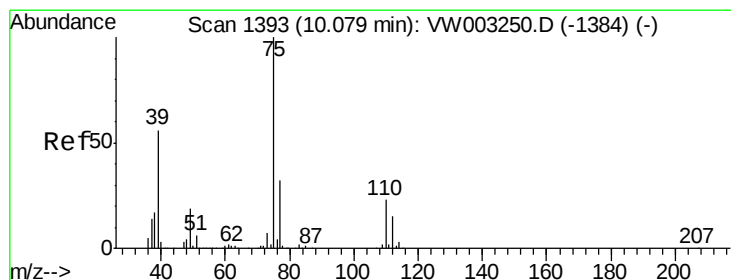
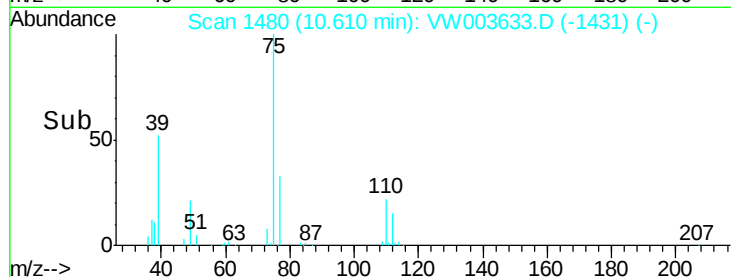
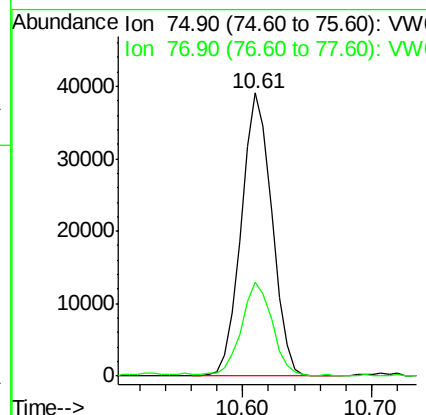
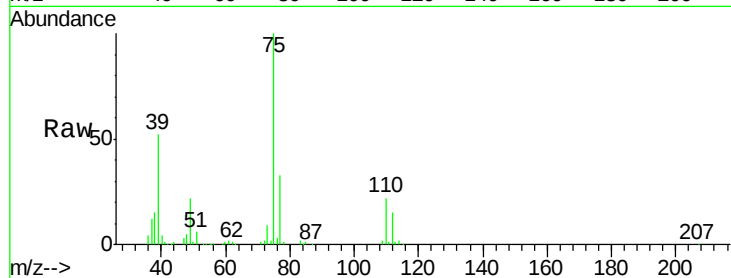




#53
t-1,3-Dichloropropene
Concen: 21.460 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

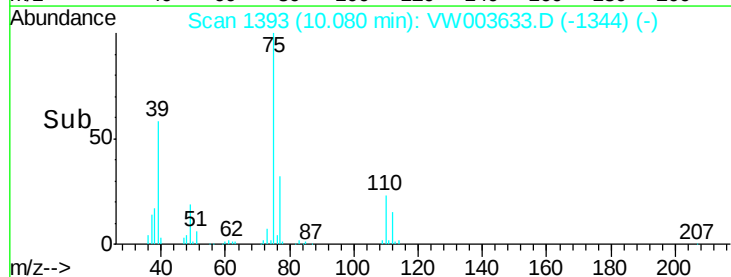
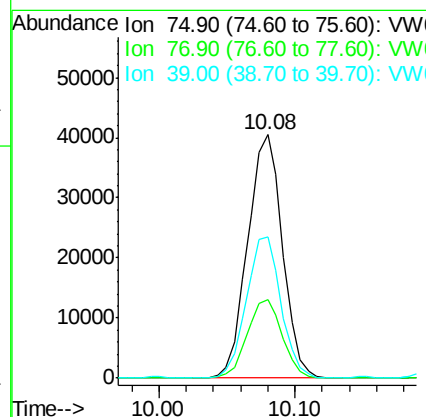
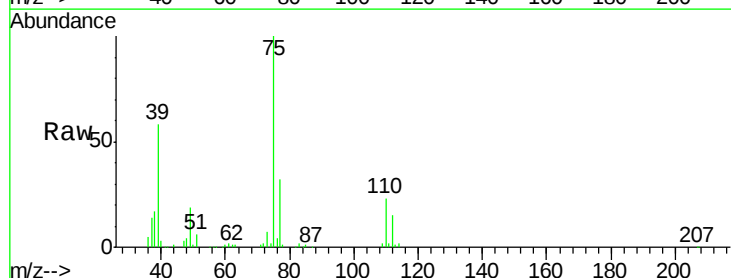
Instrument :
MSVOA_W
ClientSampleId :

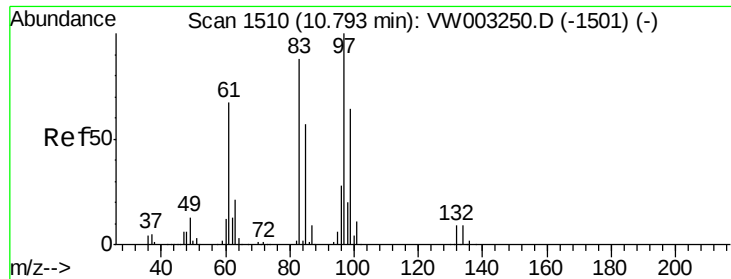
Tot Ion: 75 Resp: 64343
Ion Ratio Lower Upper
75 100
77 32.8 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 21.246 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 75 Resp: 72505
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
39 57.6 45.2 67.8



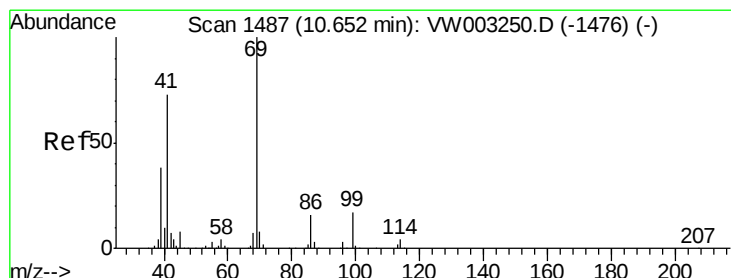
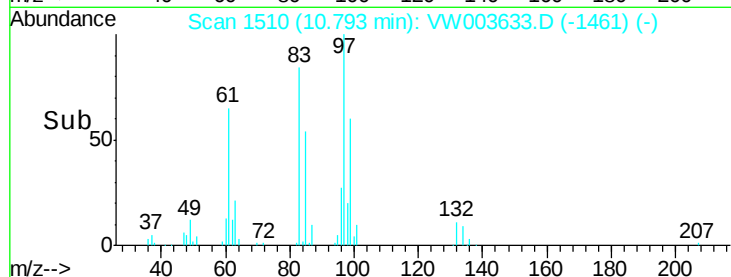
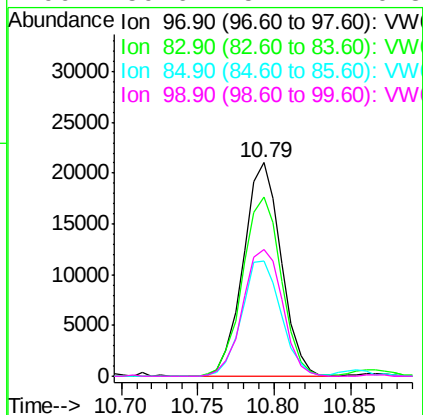
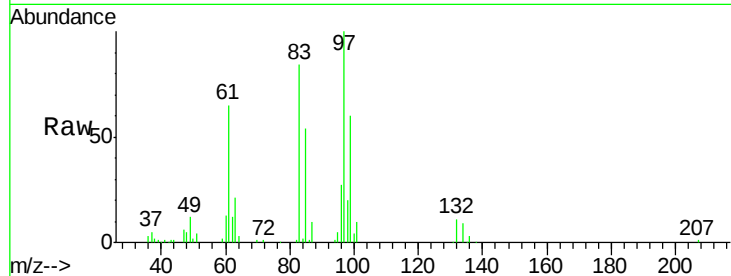


#55
 1,1,2-Trichloroethane
 Concen: 22.362 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 97 Resp: 36084

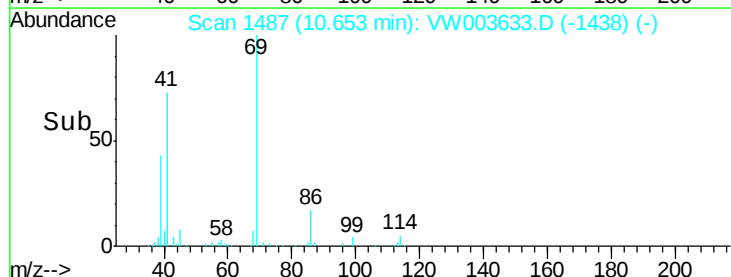
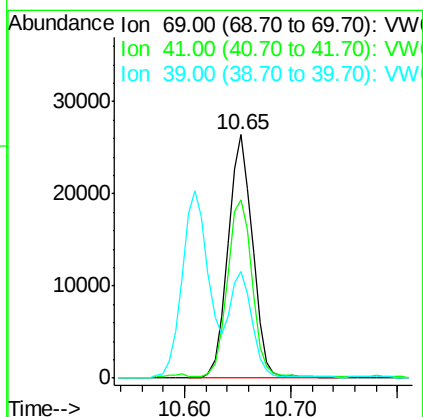
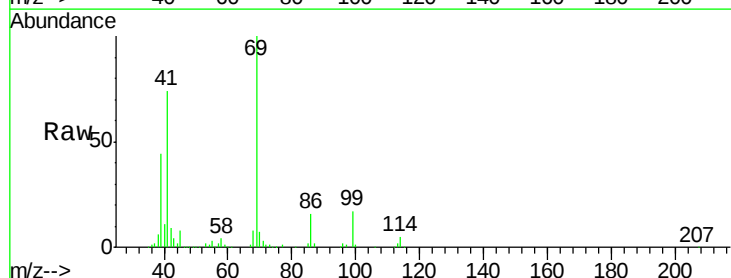
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.2	105.2
85	53.9	45.6	68.4
99	59.6	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 21.878 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion: 69 Resp: 42869

Ion	Ratio	Lower	Upper
69	100		
41	73.3	57.8	86.6
39	39.2	32.7	49.1





#57

1,3-Dichloropropane

Concen: 22.444 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

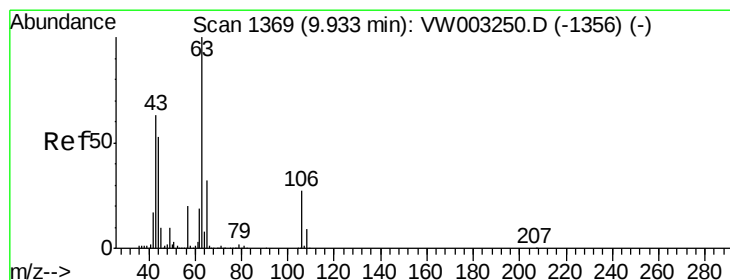
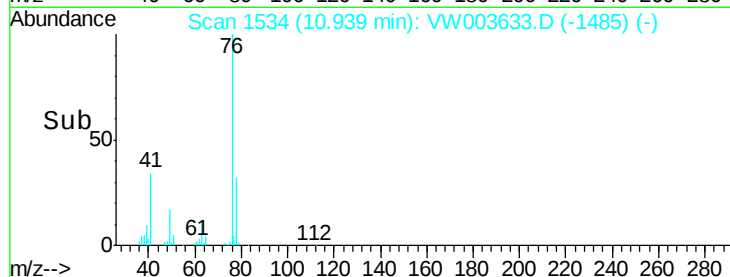
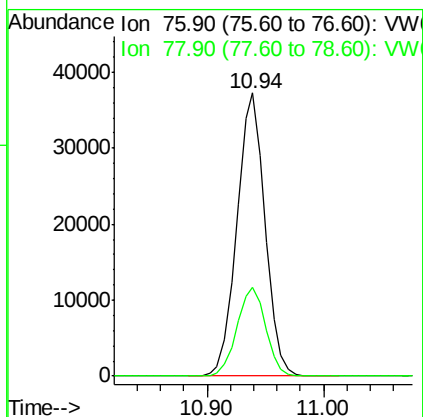
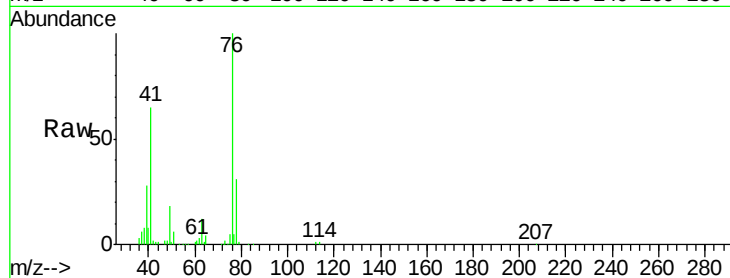
ClientSampled :

Tot Ion: 76 Resp: 62461

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 114.776 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003633.D

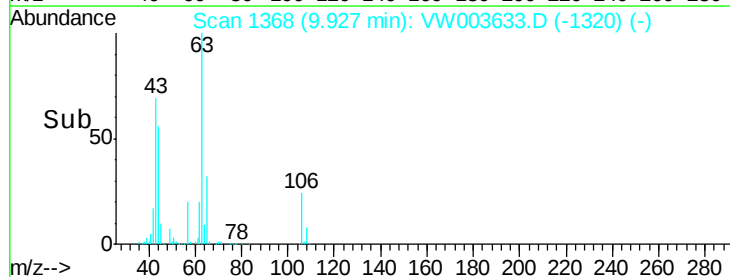
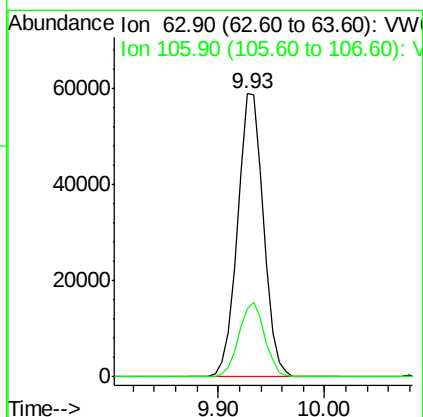
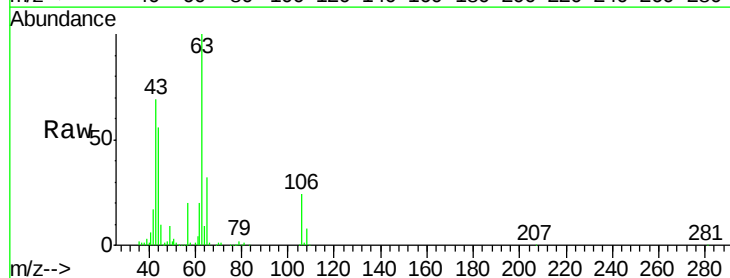
Acq: 28 Jun 2018 12:57

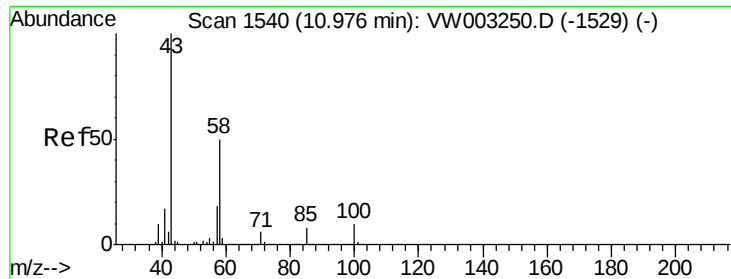
Tgt Ion: 63 Resp: 100817

Ion Ratio Lower Upper

63 100

106 26.2 21.8 32.8

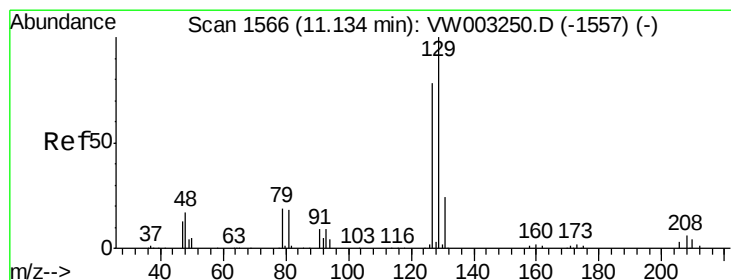
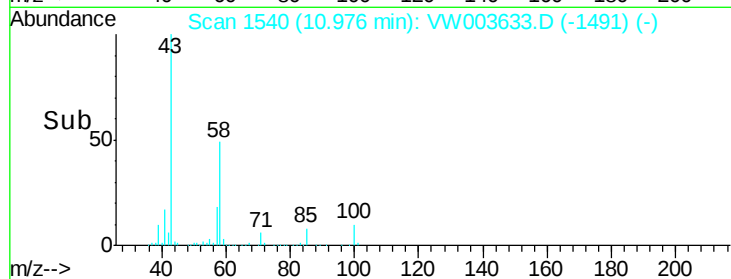
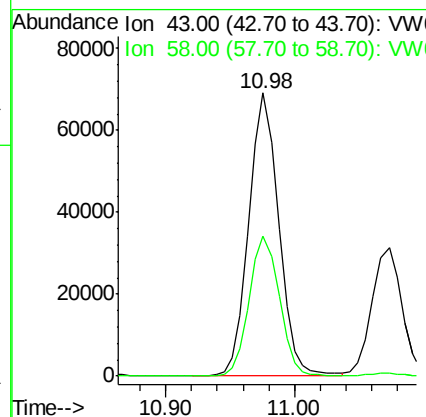
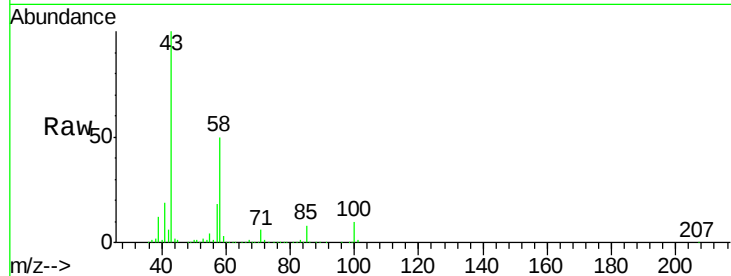




#59
2-Hexanone
Concen: 118.507 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

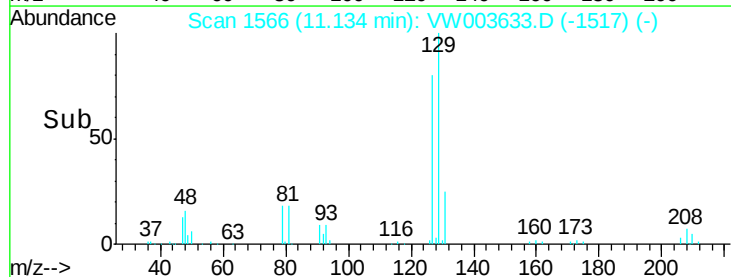
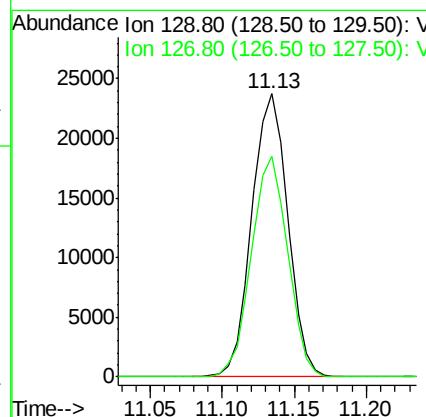
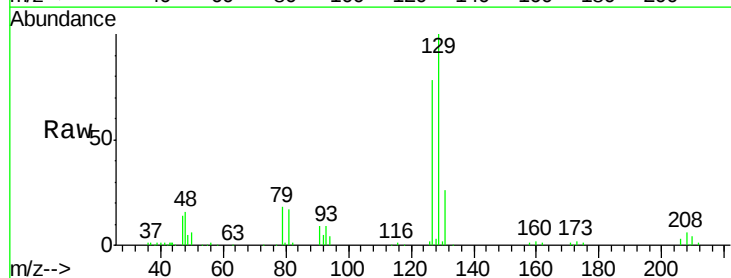
Instrument :
MSVOA_W
ClientSampled :

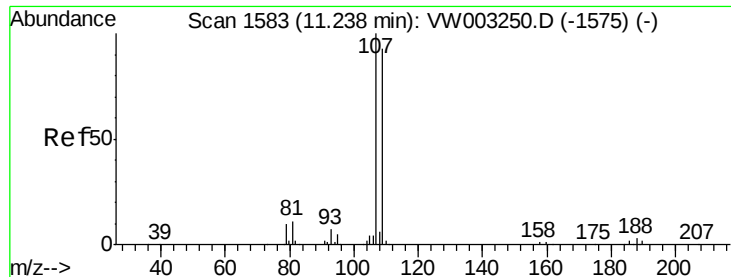
Tot Ion: 43 Resp: 110587
Ion Ratio Lower Upper
43 100
58 50.1 25.0 75.0



#60
Dibromochloromethane
Concen: 21.346 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 129 Resp: 40962
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.5

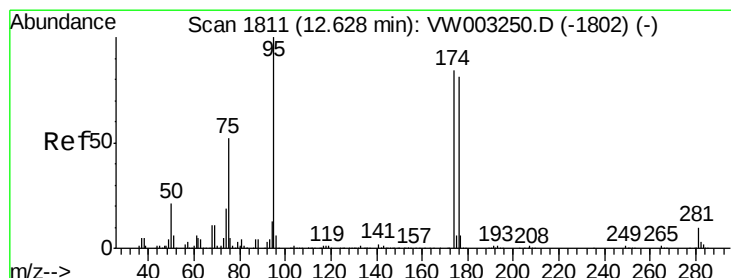
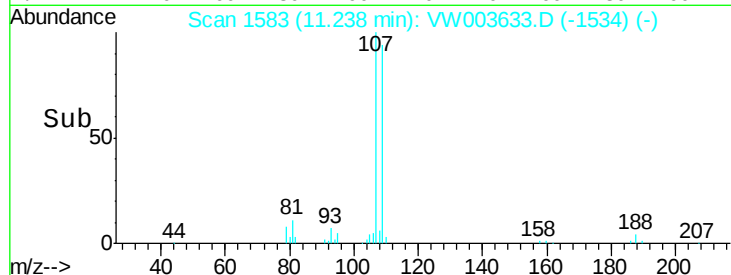
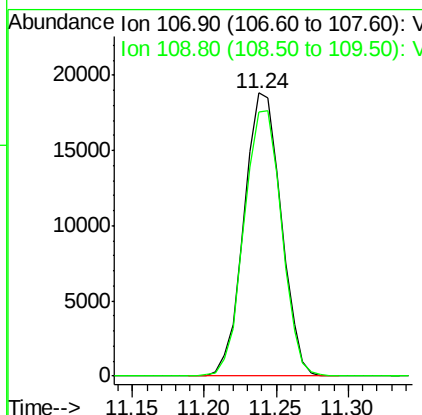
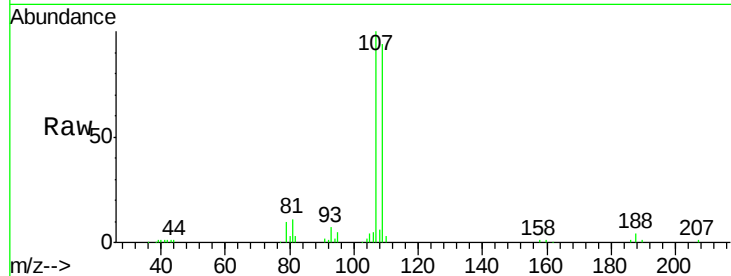




#61
 1,2-Dibromoethane
 Concen: 21.982 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

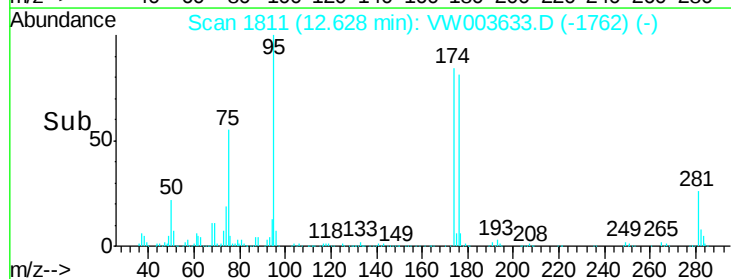
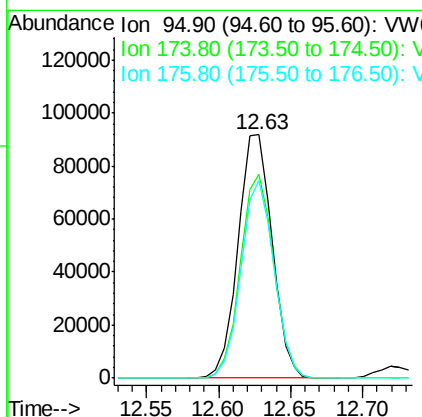
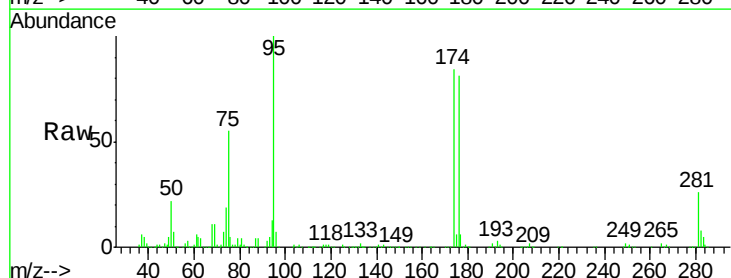
Instrument :
 MSVOA_W
 ClientSampleId :

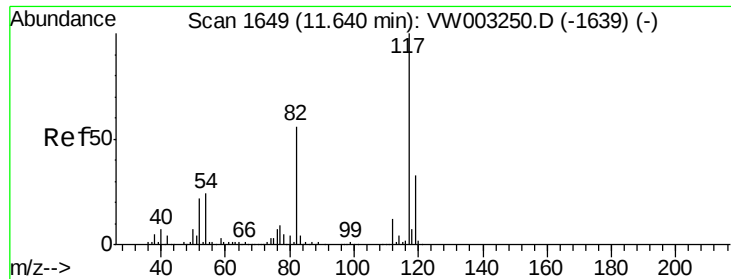
Tot Ion:107 Resp: 33551
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 52.342 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion: 95 Resp: 150606
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 166.4
 176 78.4 0.0 162.0

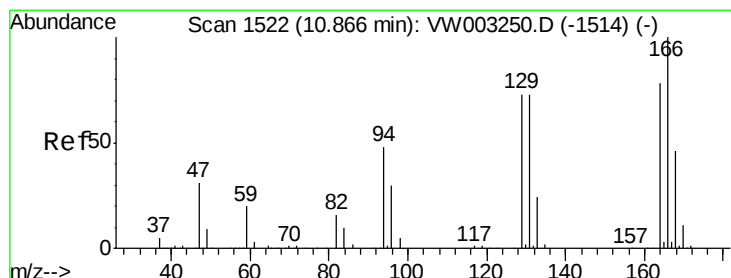
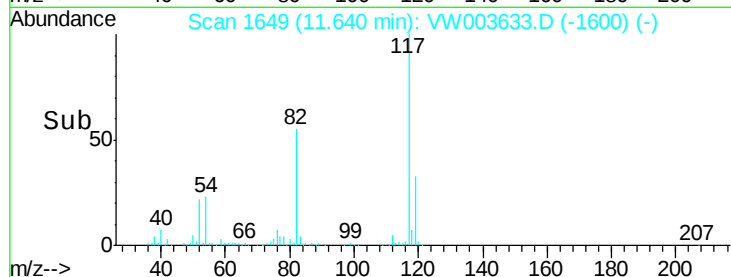
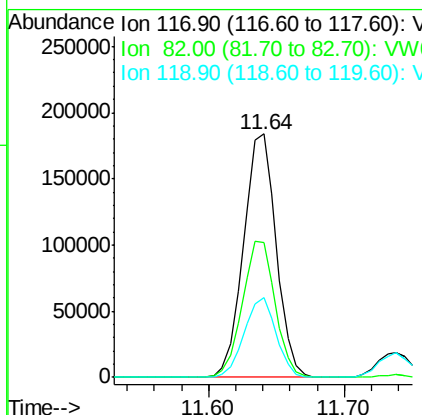
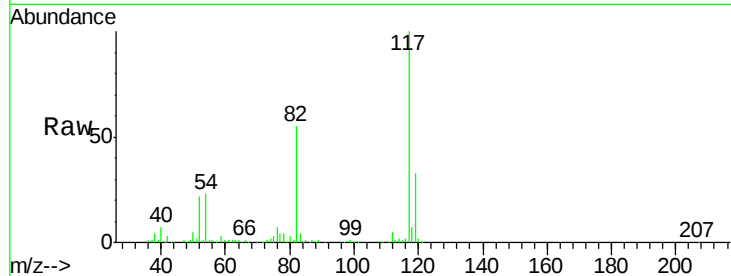




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

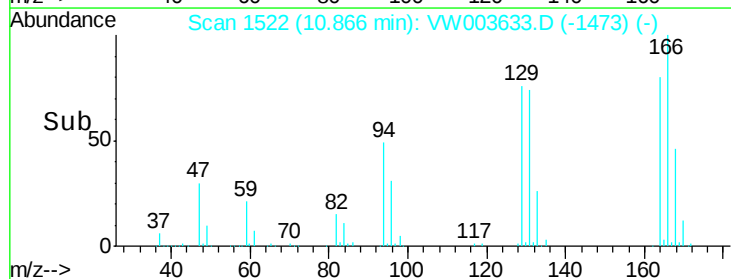
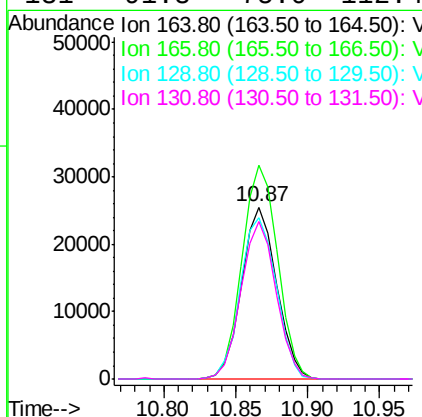
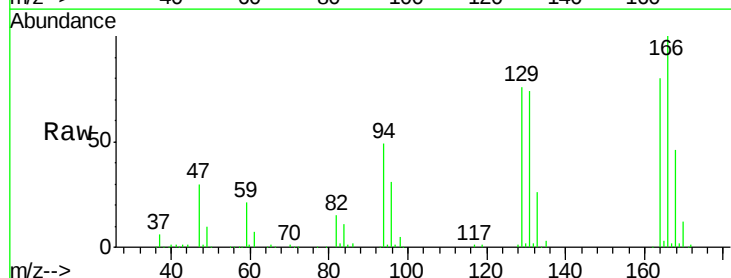
Instrument :
MSVOA_W
ClientSampleId :

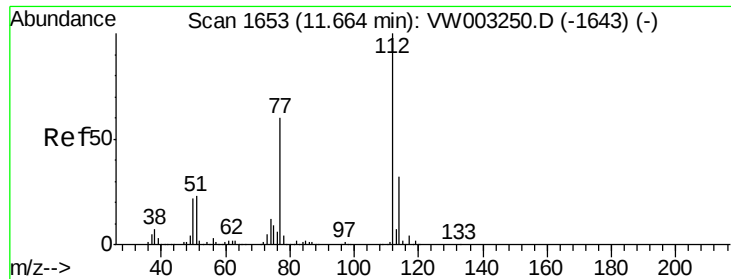
Tot Ion:117 Resp: 308135
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 33.0 26.7 40.1



#64
Tetrachloroethene
Concen: 20.816 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion:164 Resp: 42902
Ion Ratio Lower Upper
164 100
166 124.3 102.6 154.0
129 93.9 75.2 112.8
131 91.8 75.0 112.4

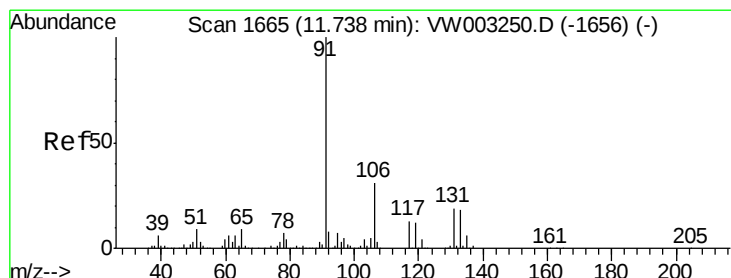
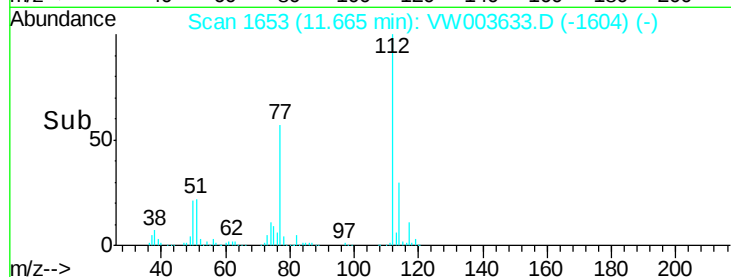
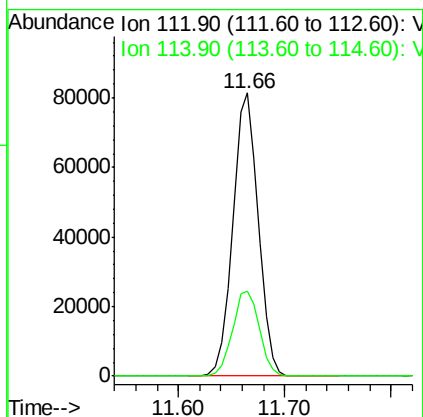
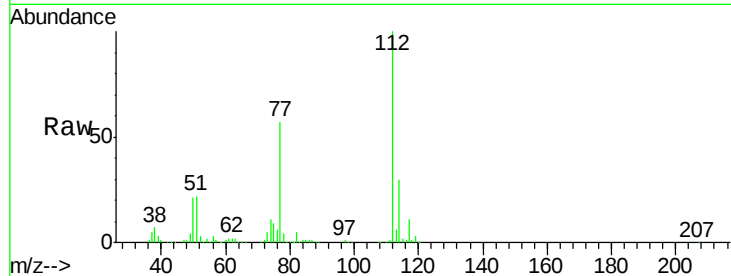




#65
Chlorobenzene
Concen: 21.192 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

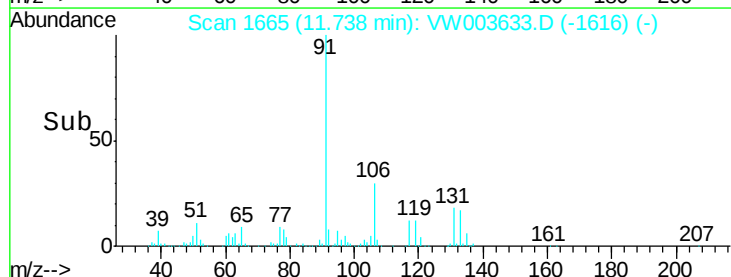
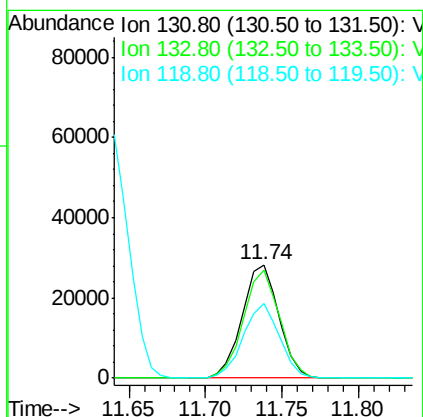
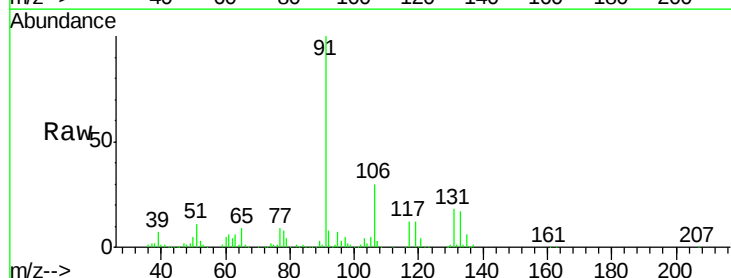
Instrument :
MSVOA_W
ClientSampled :

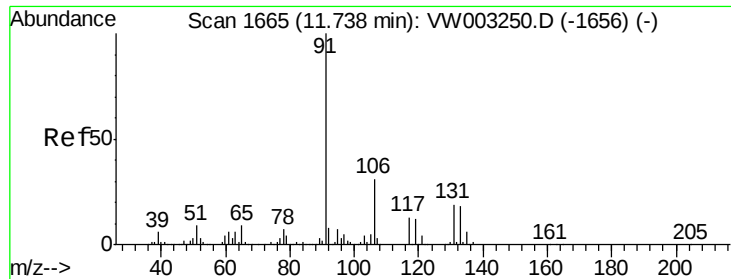
Tot Ion:112 Resp: 135984
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.827 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion:131 Resp: 46964
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 65.2 32.5 97.4

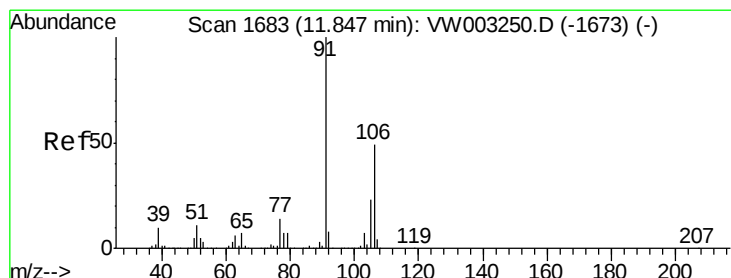
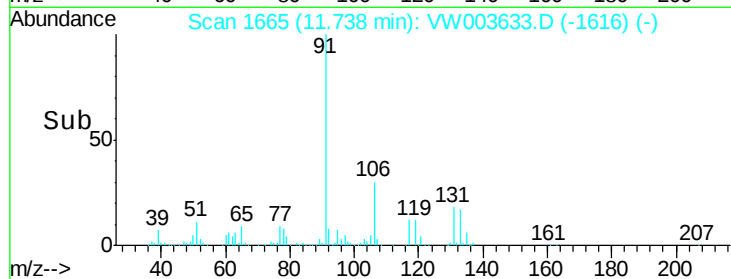
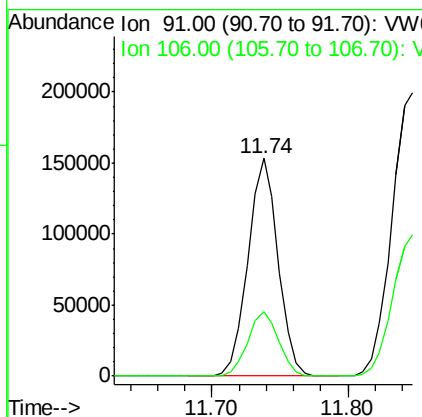
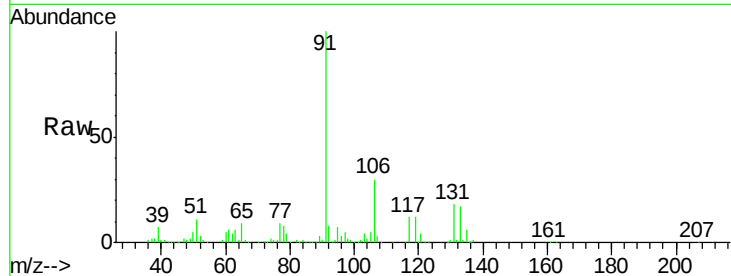




#67
Ethyl Benzene
Concen: 20.896 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

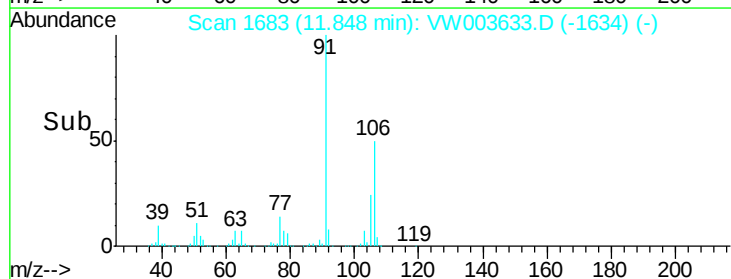
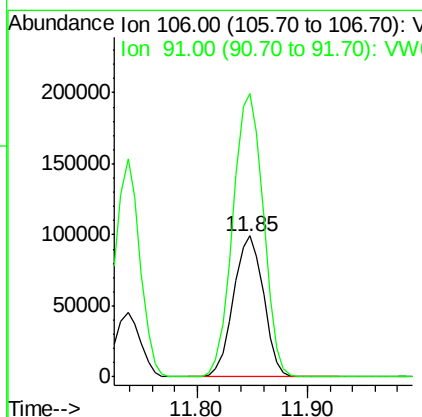
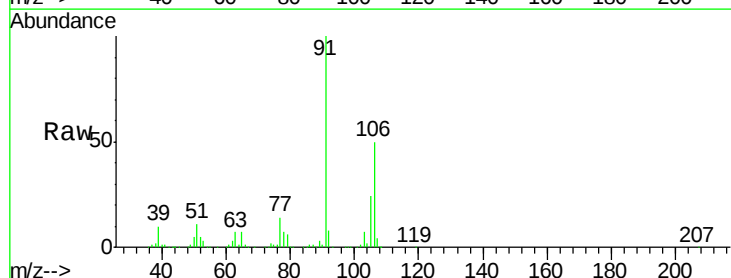
Instrument :
MSVOA_W
ClientSampled :

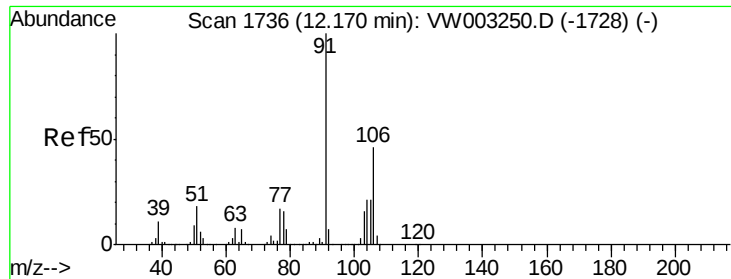
Tot Ion: 91 Resp: 237676
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1



#68
m/p-Xylenes
Concen: 42.789 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 106 Resp: 185010
Ion Ratio Lower Upper
106 100
91 204.0 165.4 248.0

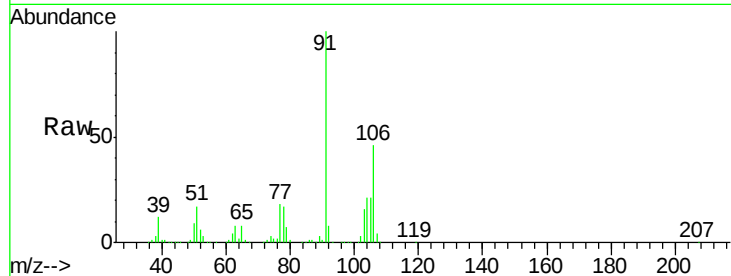




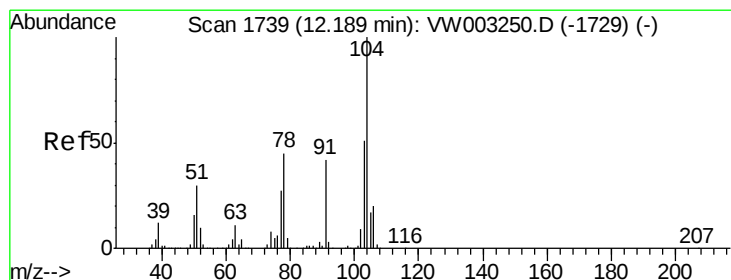
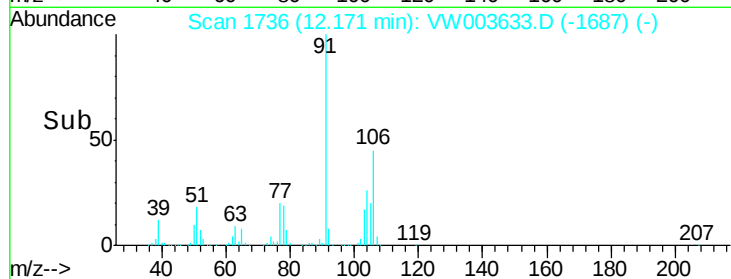
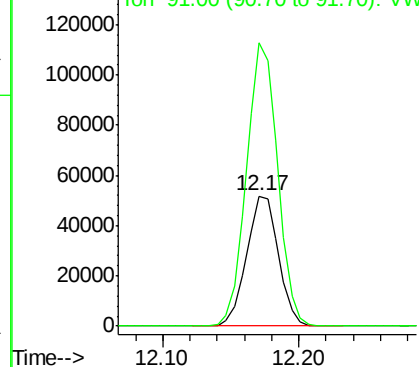
#69
o-Xylene
Concen: 21.082 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 84478
Ion Ratio Lower Upper
106 100
91 214.4 108.6 325.6

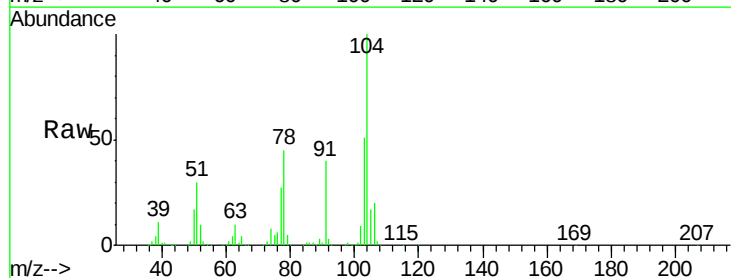


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

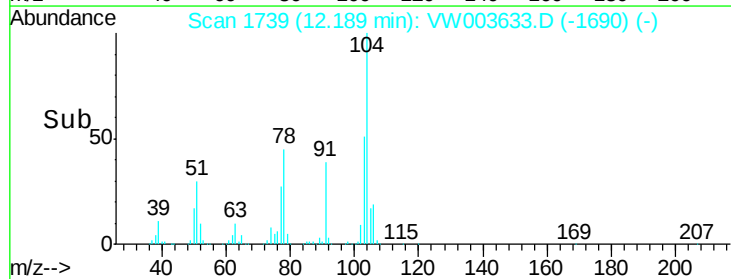
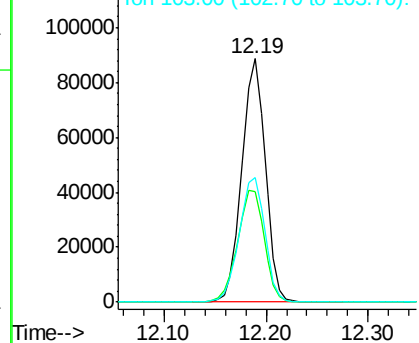


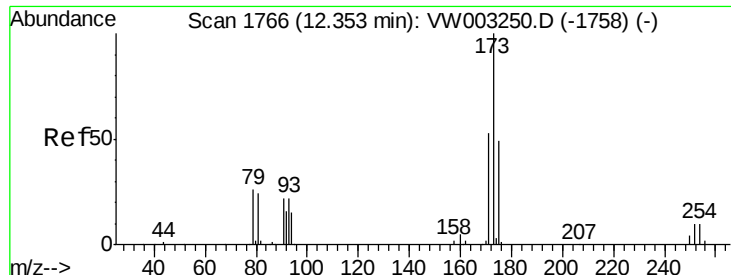
#70
Styrene
Concen: 21.253 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion:104 Resp: 141755
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 55.6 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V

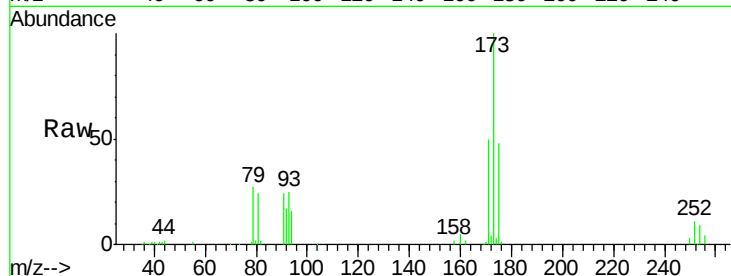




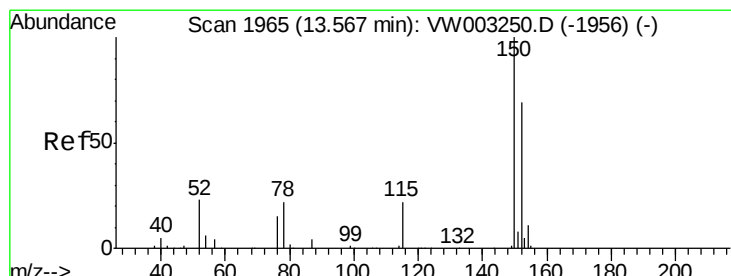
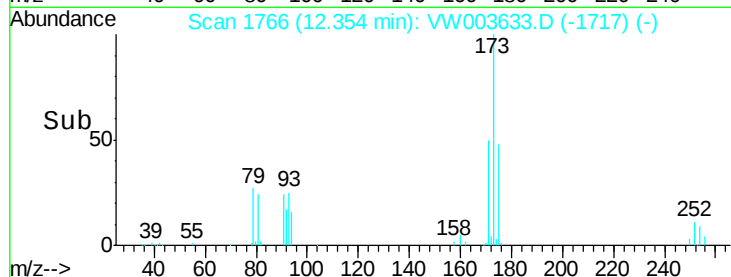
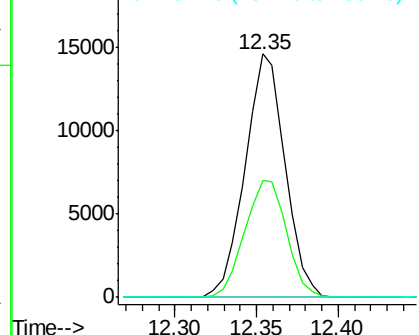
#71
Bromoform
Concen: 21.290 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 24881
Ion Ratio Lower Upper
173 100
175 50.2 24.4 73.4
254 0.0 0.1 0.1#

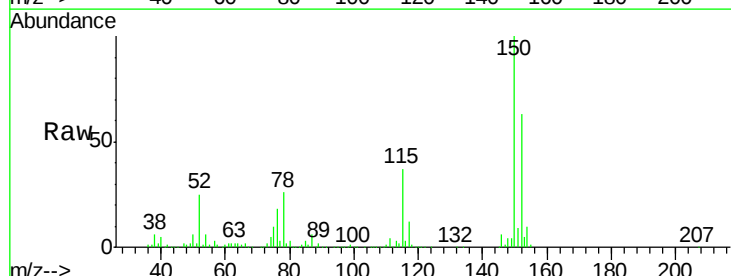


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

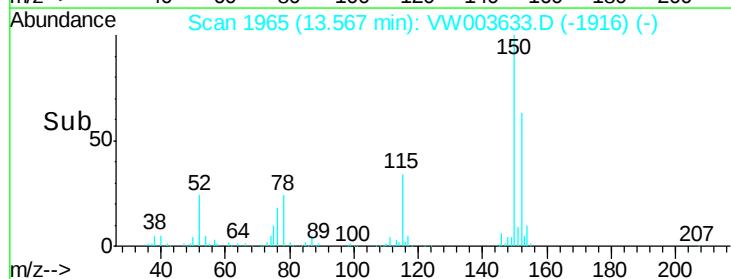
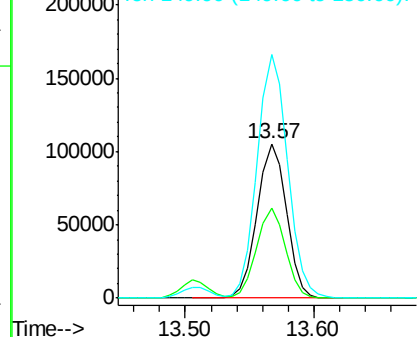


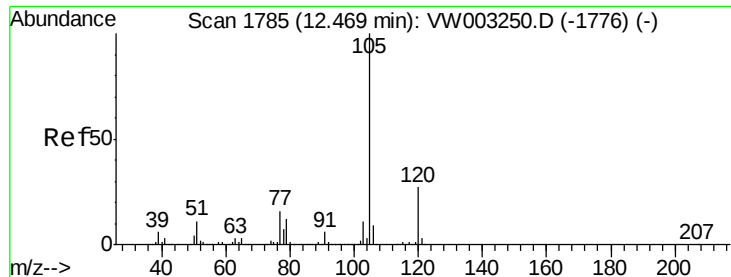
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion:152 Resp: 165741
Ion Ratio Lower Upper
152 100
115 57.6 29.3 88.0
150 164.1 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: 20.435 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

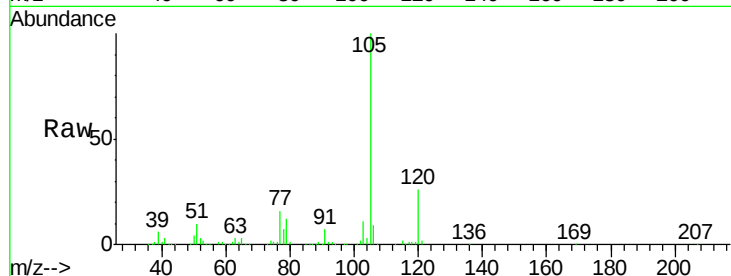
ClientSampleId :

Tot Ion:105 Resp: 235574

Ion Ratio Lower Upper

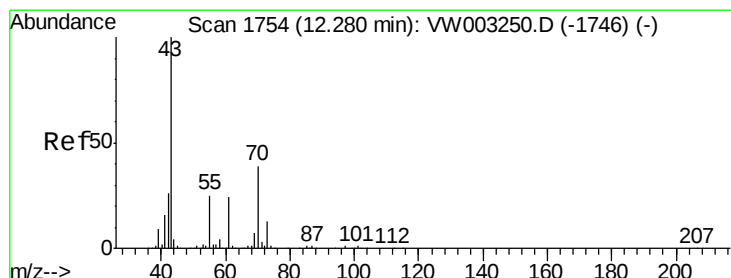
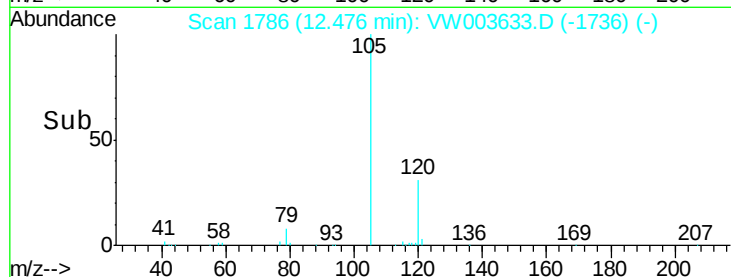
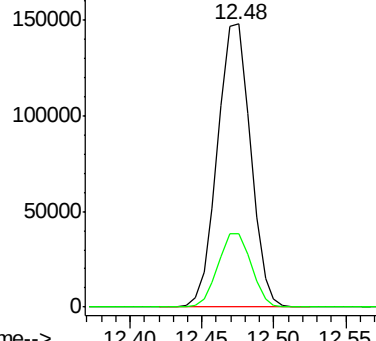
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.469 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tgt Ion: 43 Resp: 56333

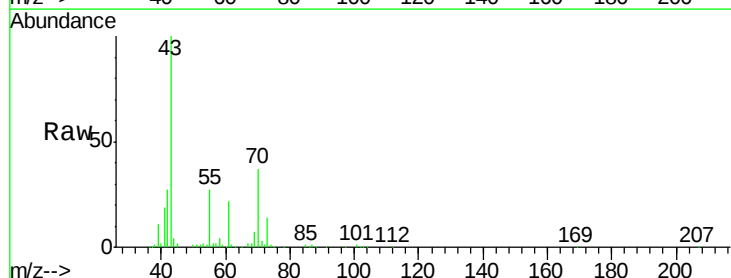
Ion Ratio Lower Upper

43 100

70 38.4 31.0 46.6

55 25.7 19.7 29.5

61 21.8 18.1 27.1

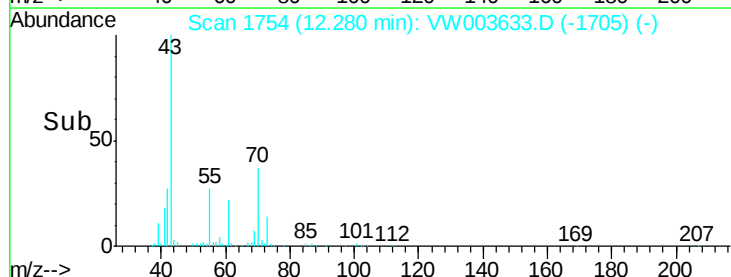
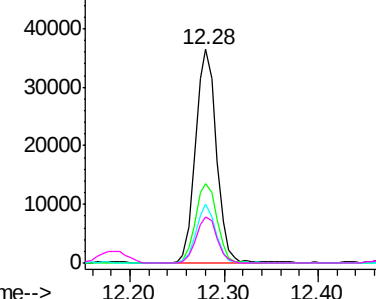


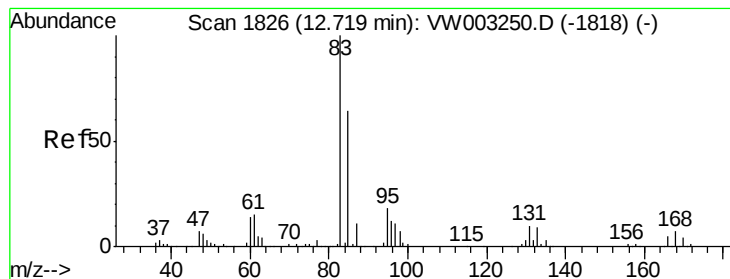
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 21.775 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampled :

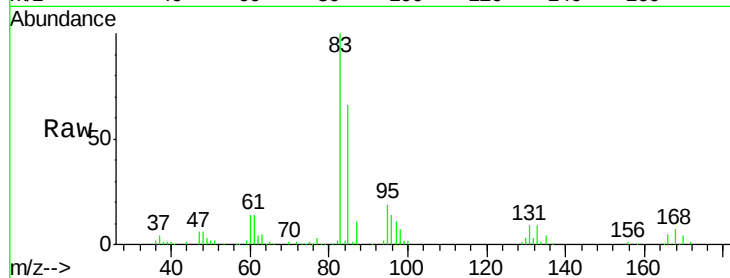
Tot Ion: 83 Resp: 42468

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

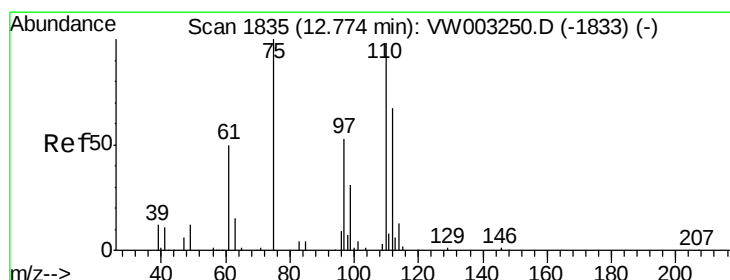
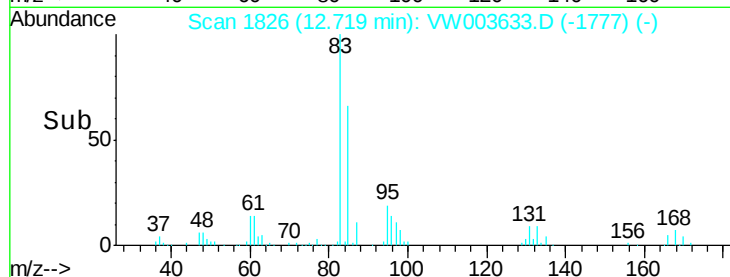
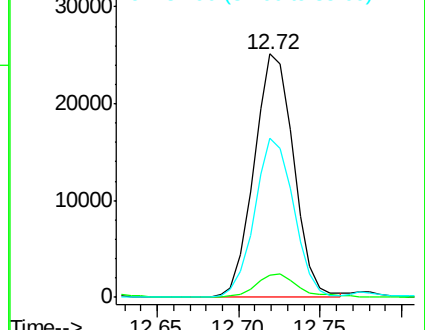
85 64.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 41.001 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003633.D

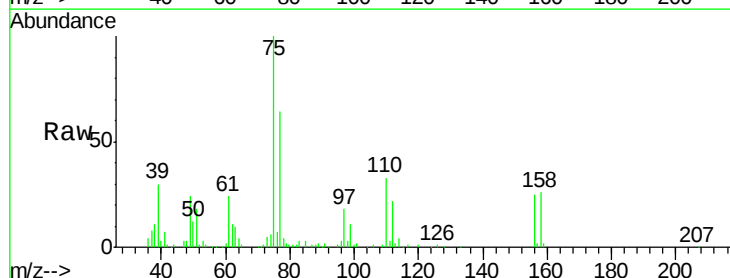
Acq: 28 Jun 2018 12:57

Tgt Ion: 75 Resp: 58094

Ion Ratio Lower Upper

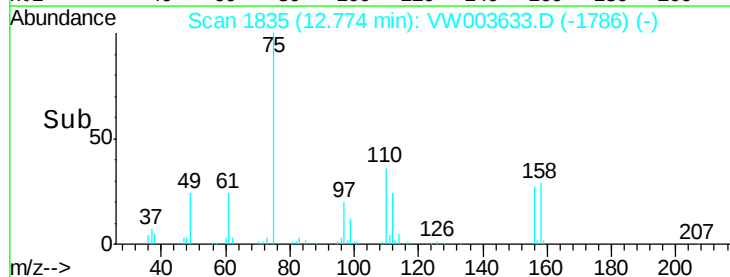
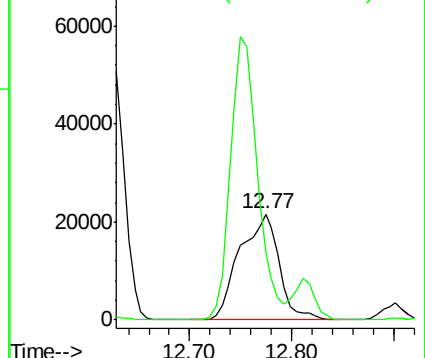
75 100

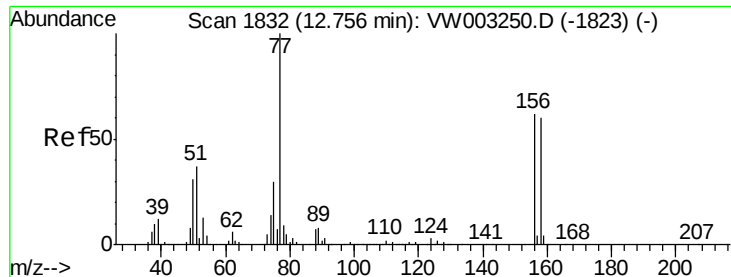
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.669 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

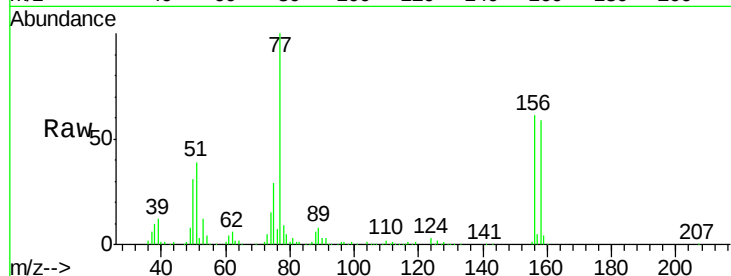
Tot Ion:156 Resp: 55491

Ion Ratio Lower Upper

156 100

77 190.5 92.3 276.9

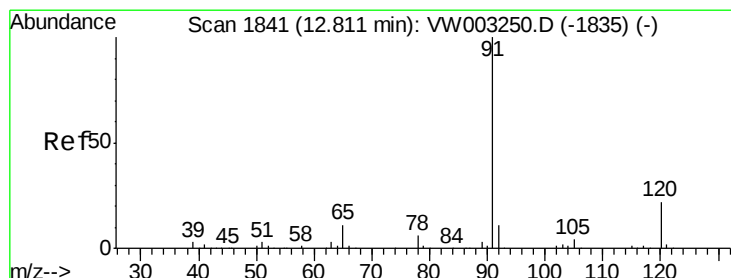
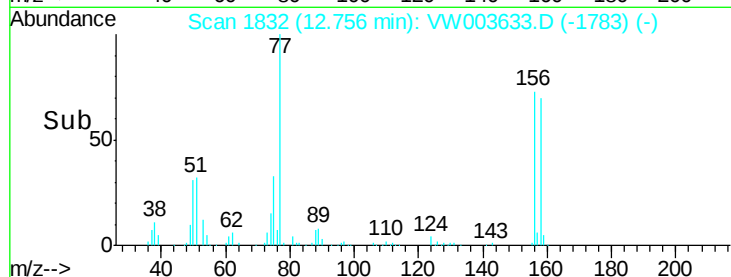
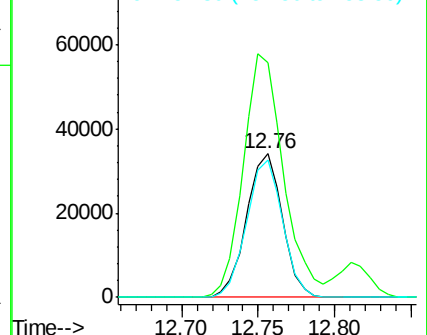
158 96.4 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.127 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003633.D

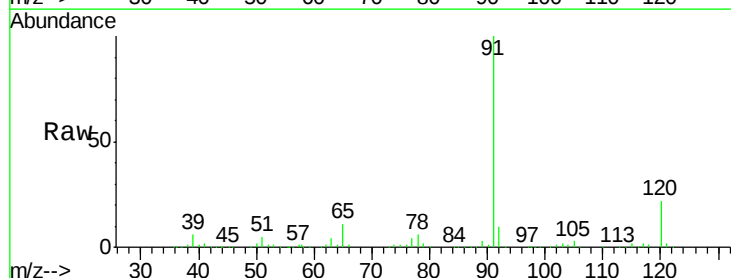
Acq: 28 Jun 2018 12:57

Tgt Ion: 91 Resp: 298222

Ion Ratio Lower Upper

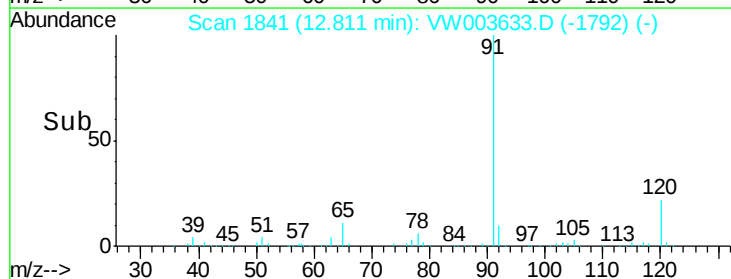
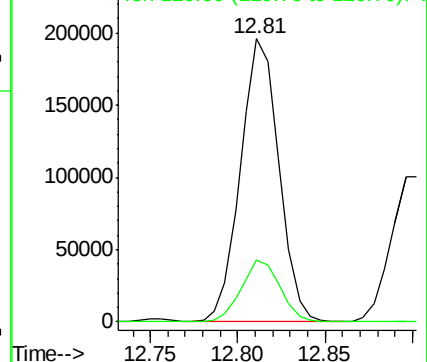
91 100

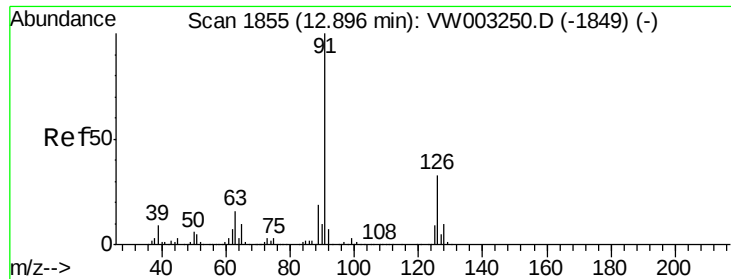
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.953 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

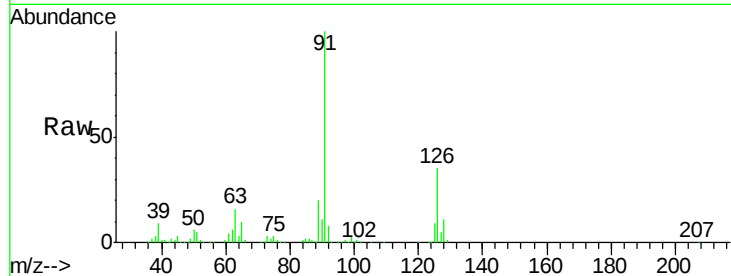
ClientSampled :

Tot Ion: 91 Resp: 167147

Ion Ratio Lower Upper

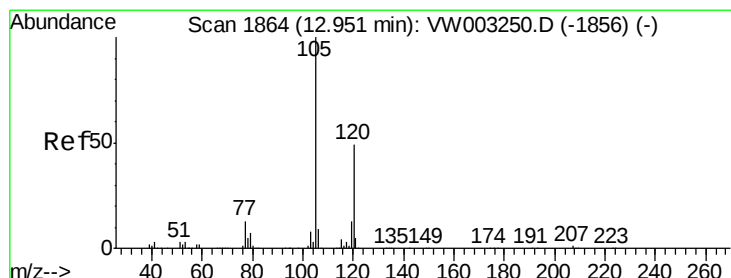
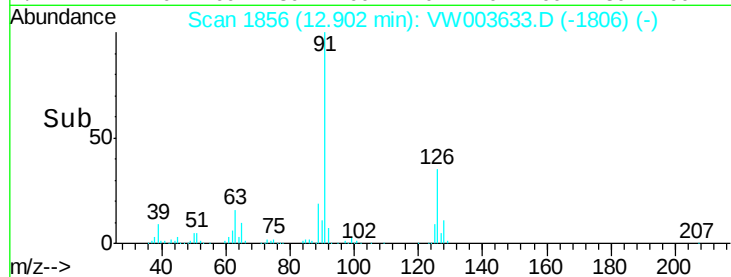
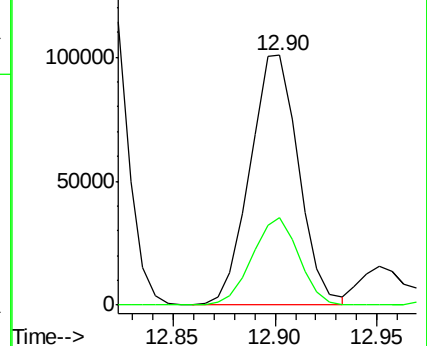
91 100

126 33.6 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.114 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003633.D

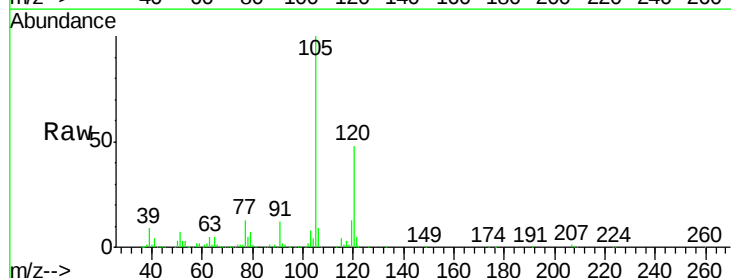
Acq: 28 Jun 2018 12:57

Tgt Ion:105 Resp: 204306

Ion Ratio Lower Upper

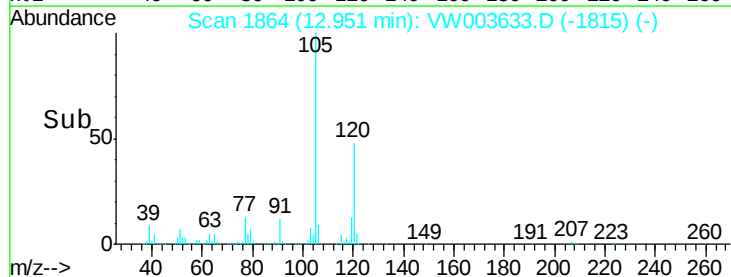
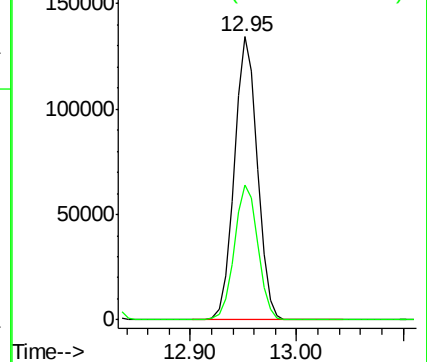
105 100

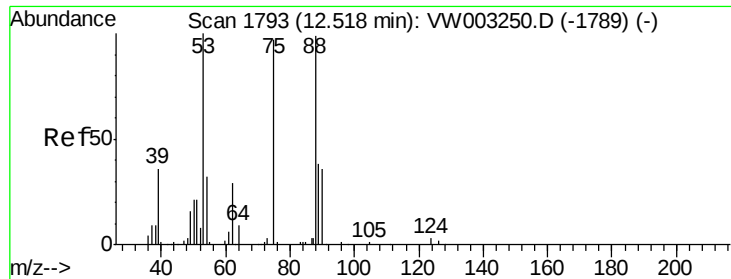
120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.164 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

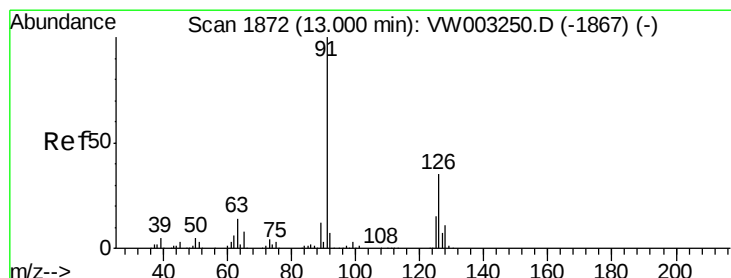
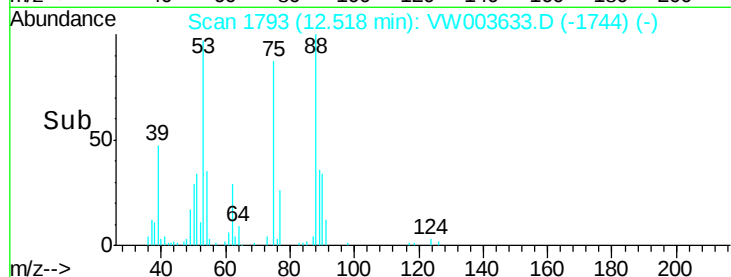
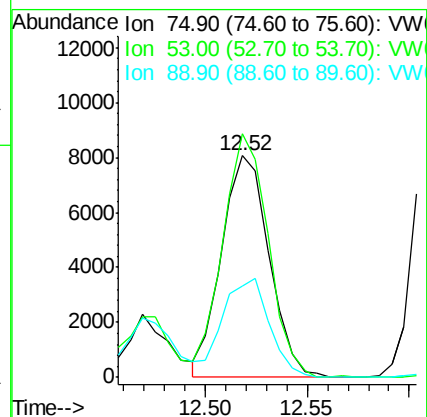
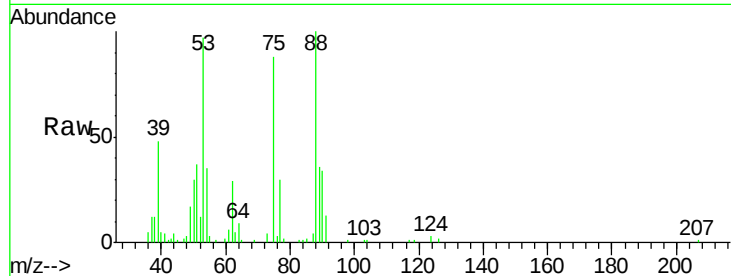
Tot Ion: 75 Resp: 13032

Ion Ratio Lower Upper

75 100

53 104.7 82.9 124.3

89 44.3 36.7 55.1



#82

4-Chlorotoluene

Concen: 21.406 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003633.D

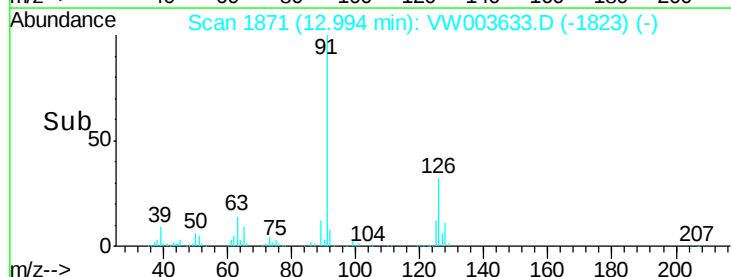
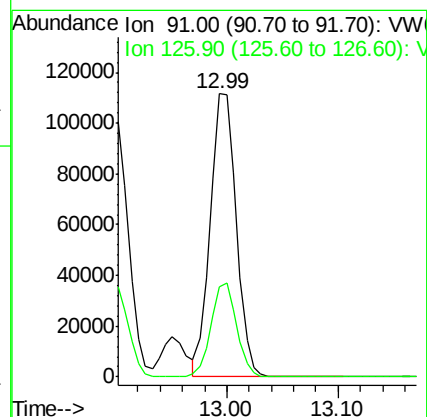
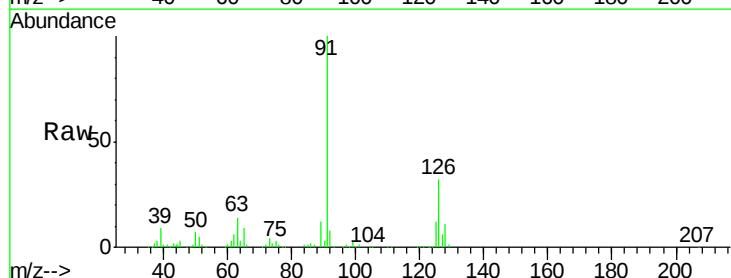
Acq: 28 Jun 2018 12:57

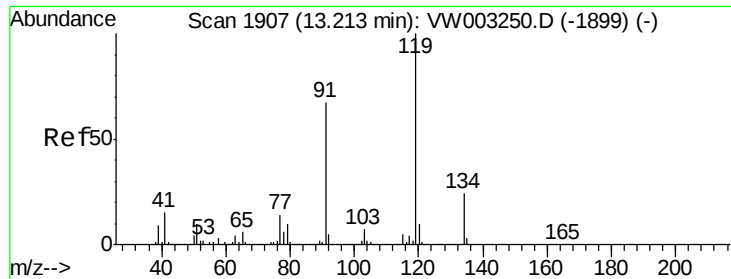
Tgt Ion: 91 Resp: 181140

Ion Ratio Lower Upper

91 100

126 32.6 16.8 50.3

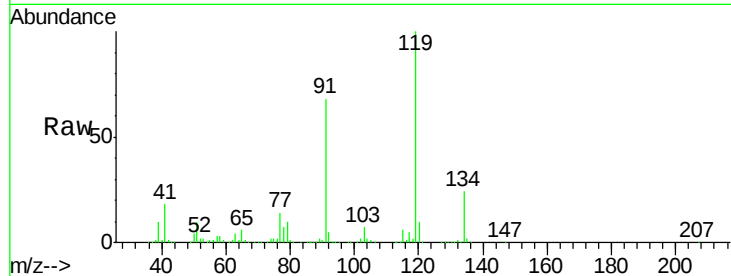




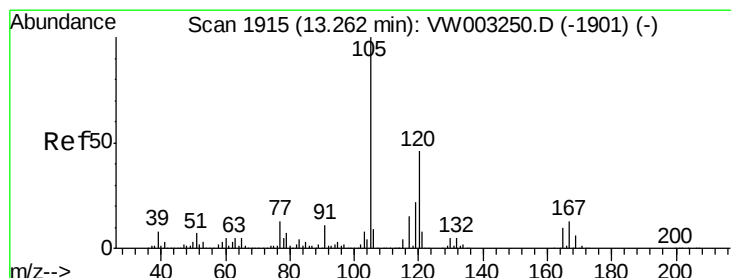
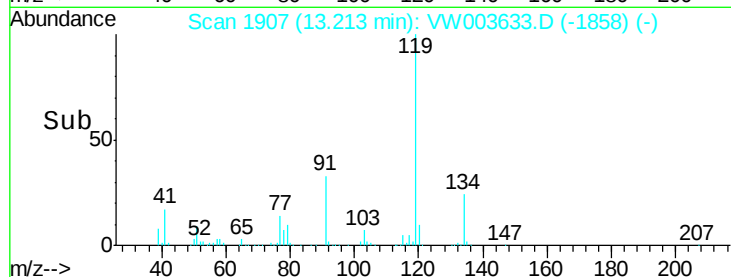
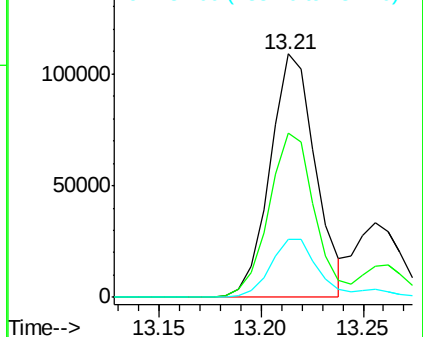
#83
tert-Butylbenzene
Concen: 20.490 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 168968
Ion Ratio Lower Upper
119 100
91 68.5 33.9 101.7
134 24.6 13.4 40.1

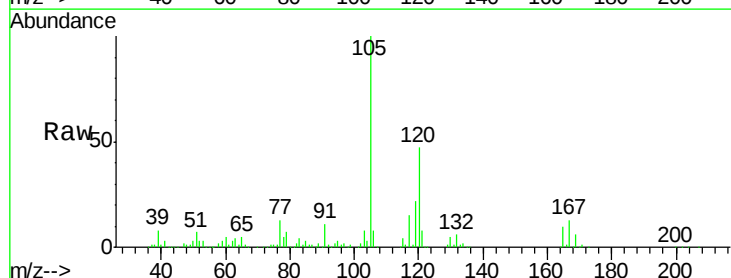


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

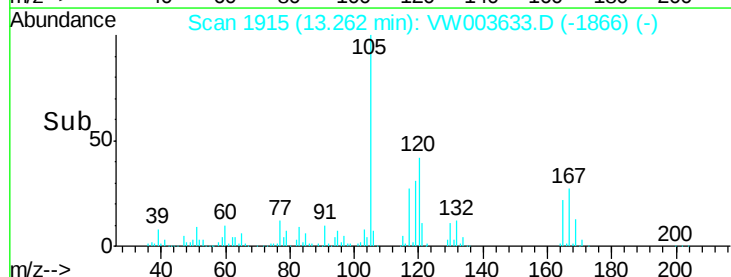
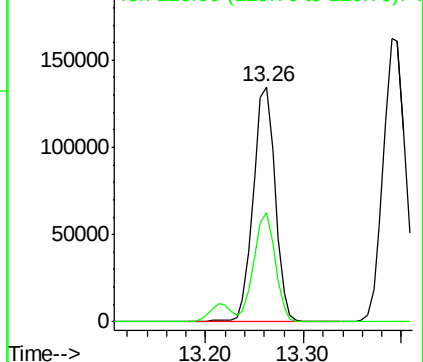


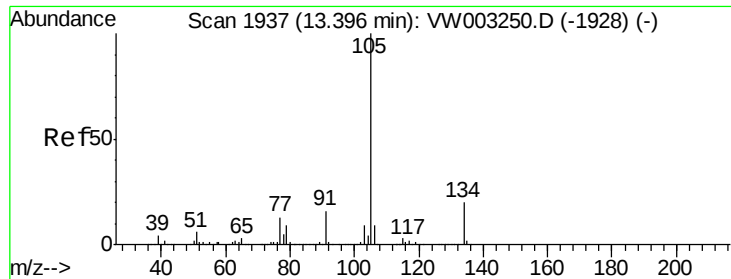
#84
1,2,4-Trimethylbenzene
Concen: 21.225 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion:105 Resp: 211270
Ion Ratio Lower Upper
105 100
120 45.5 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

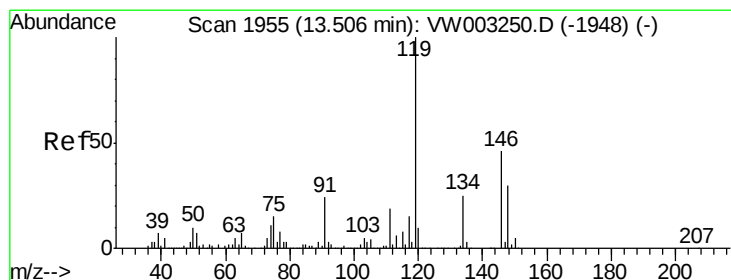
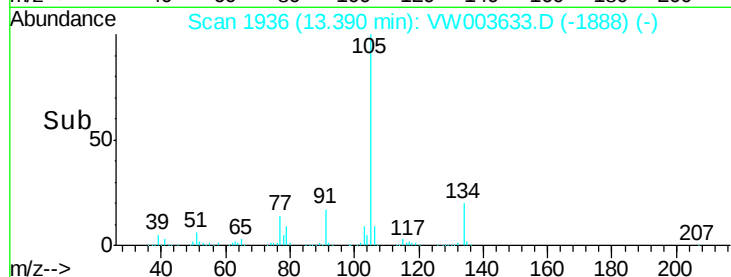
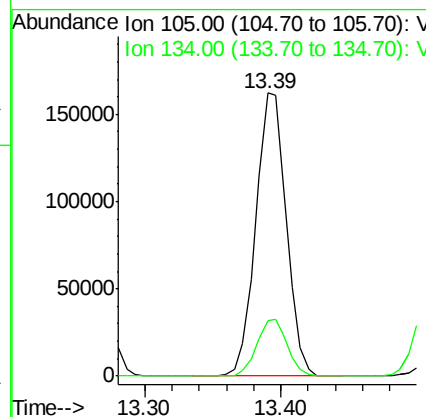
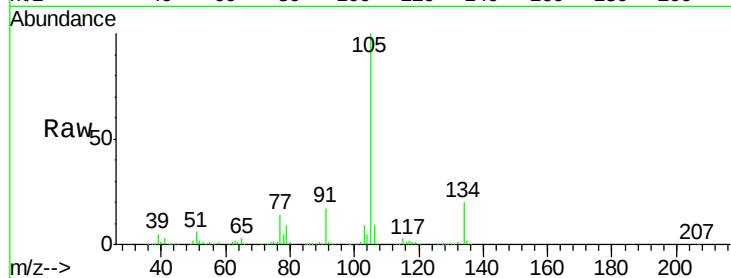




#85
 sec-Butylbenzene
 Concen: 20.820 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

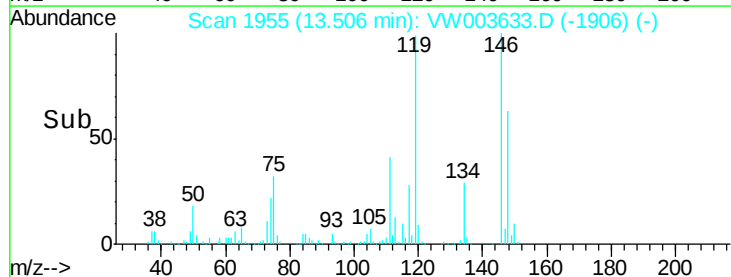
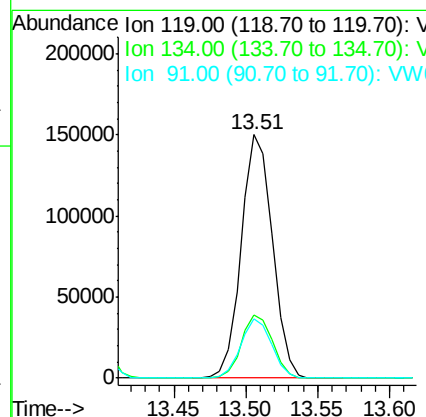
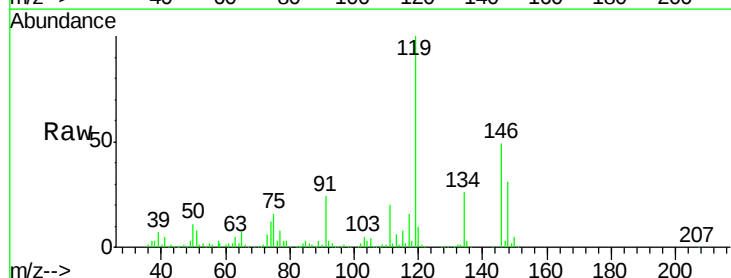
Instrument :
 MSVOA_W
 ClientSampled :

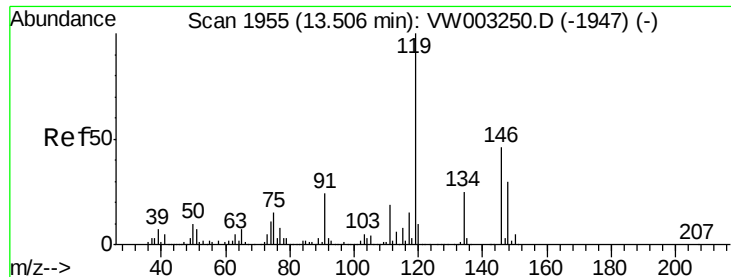
Tot Ion:105 Resp: 255195
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.817 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion:119 Resp: 225050
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.1 11.8 35.3

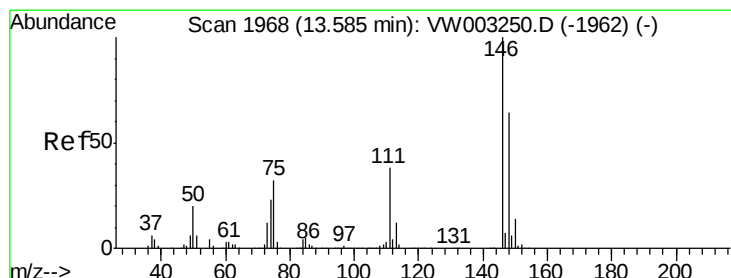
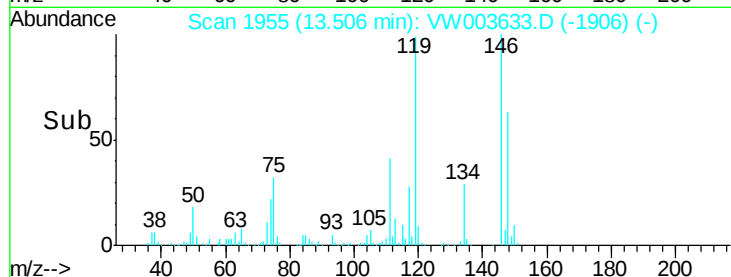
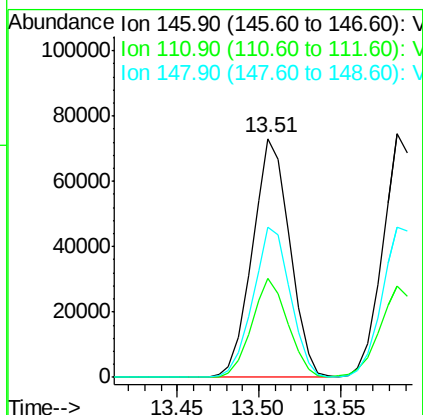
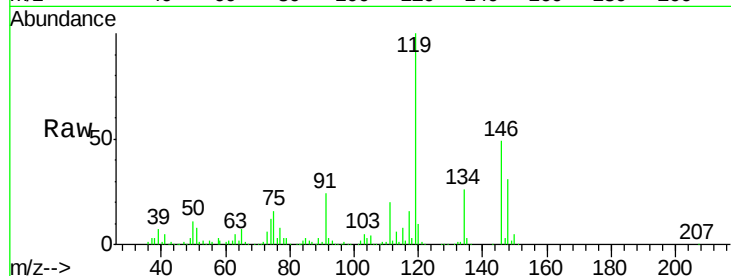




#87
 1,3-Dichlorobenzene
 Concen: 21.002 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

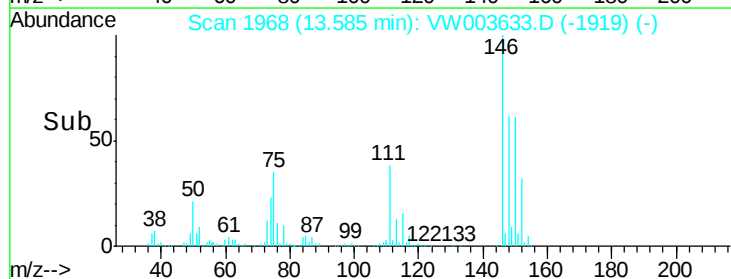
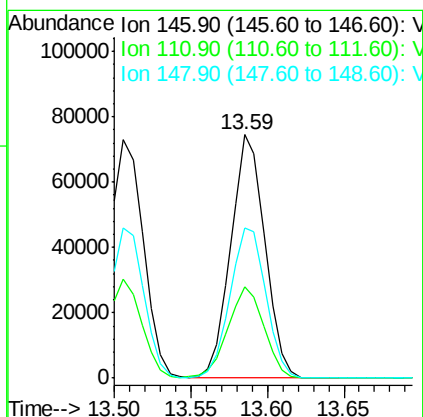
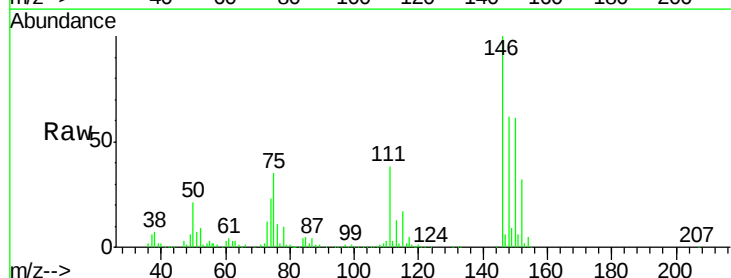
Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:146 Resp: 115831
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.8 59.4
 148 63.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.030 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion:146 Resp: 115308
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.2 57.6
 148 64.8 31.8 95.4

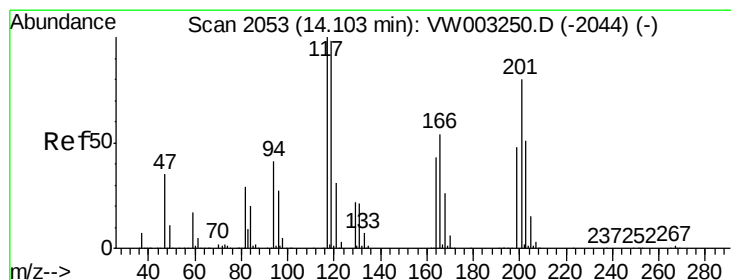
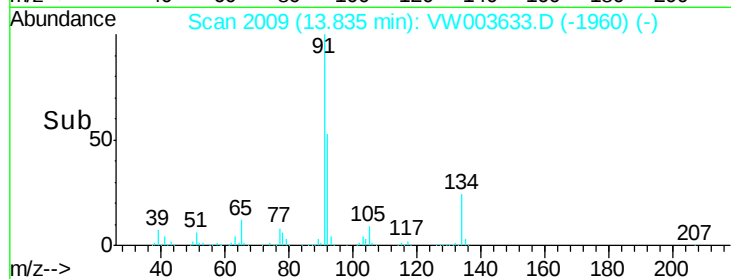
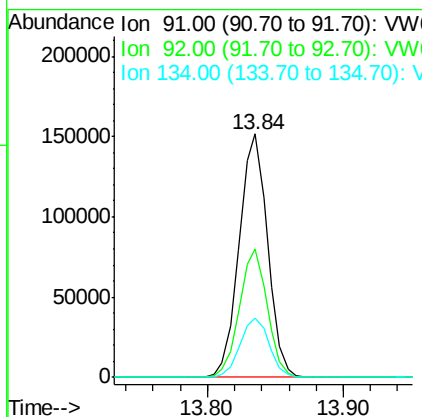
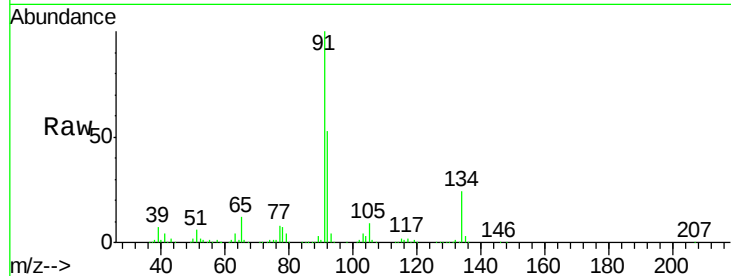




#89
n-Butylbenzene
Concen: 20.988 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

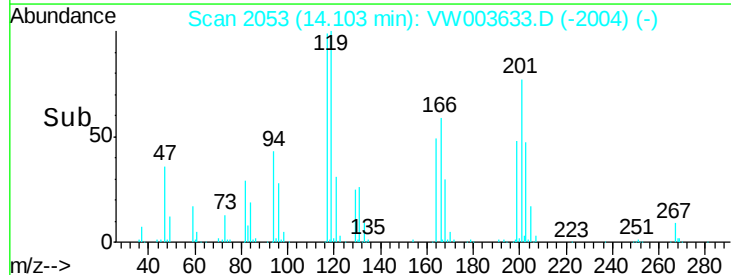
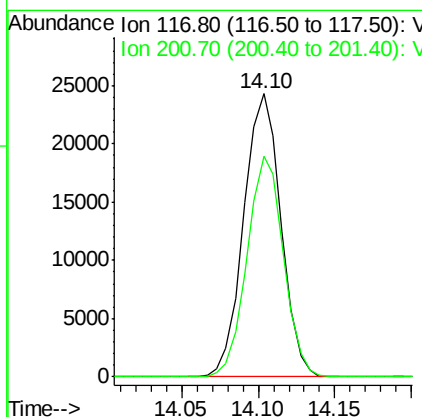
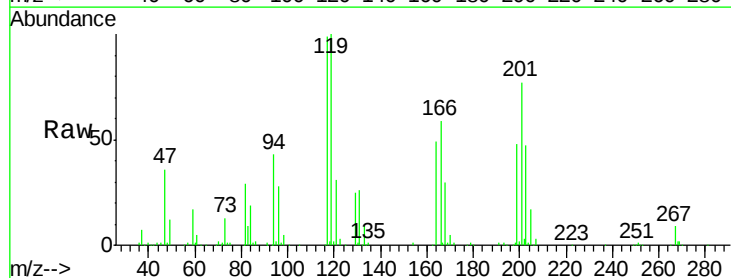
Instrument :
MSVOA_W
ClientSampled :

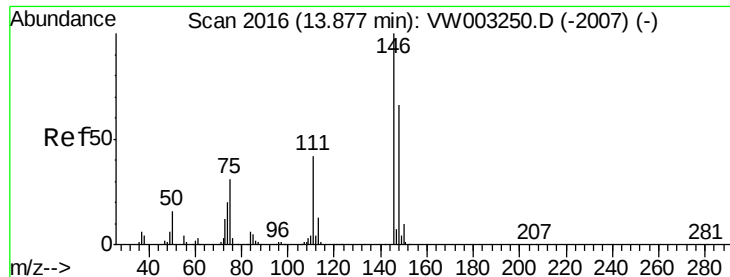
Tot Ion: 91 Resp: 221168
Ion Ratio Lower Upper
91 100
92 51.4 26.0 78.0
134 24.9 12.7 38.0



#90
Hexachloroethane
Concen: 20.953 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 117 Resp: 40978
Ion Ratio Lower Upper
117 100
201 76.4 39.5 118.5

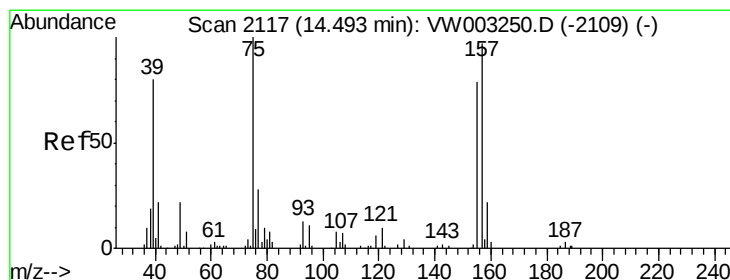
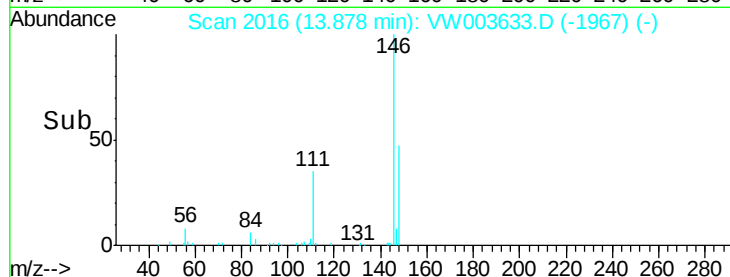
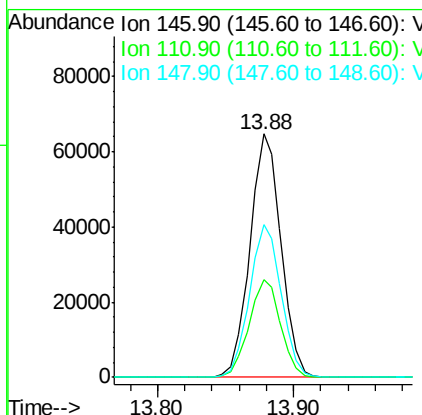
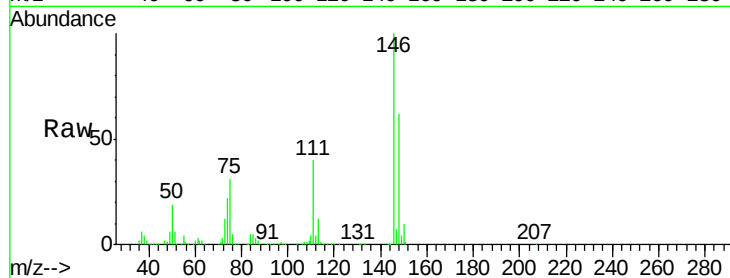




#91
 1,2-Dichlorobenzene
 Concen: 21.510 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

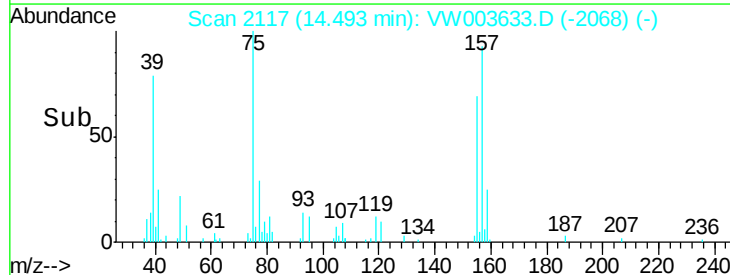
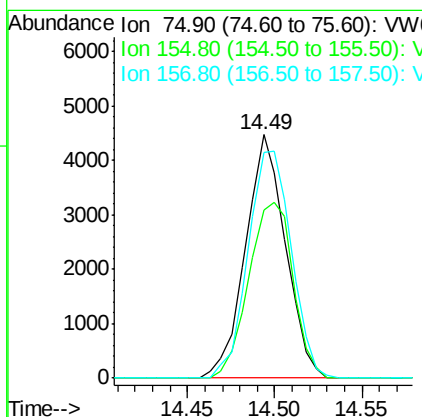
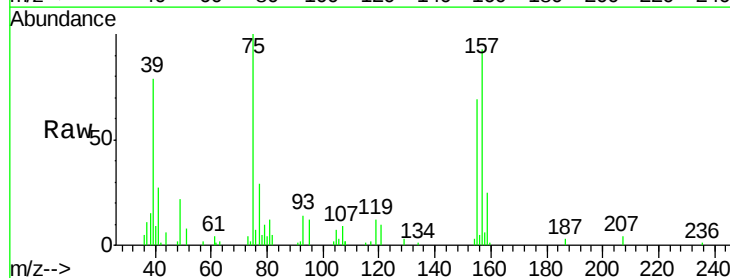
Instrument :
 MSVOA_W
 ClientSampled :

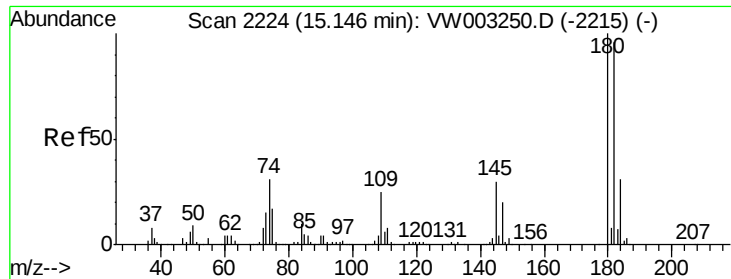
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	61.0
148	63.5	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.675 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.8	39.4	118.2
157	101.0	51.5	154.5

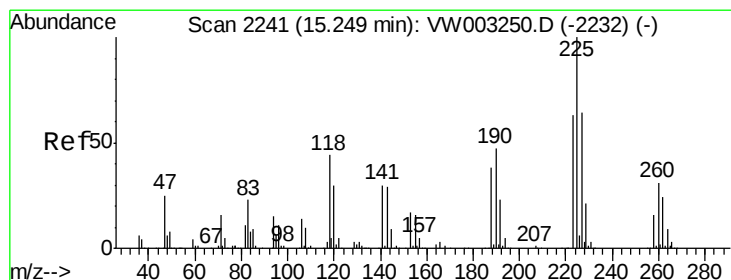
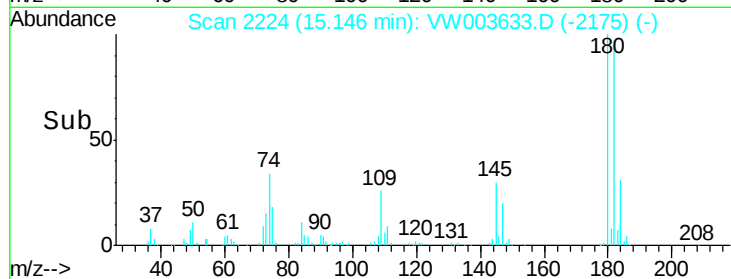
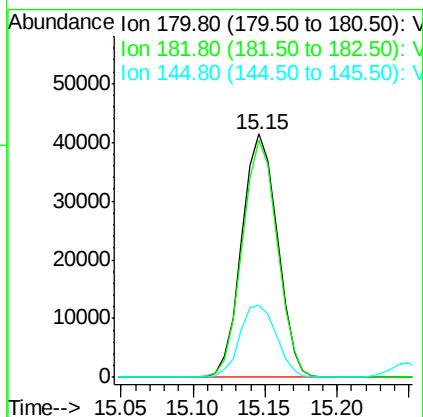
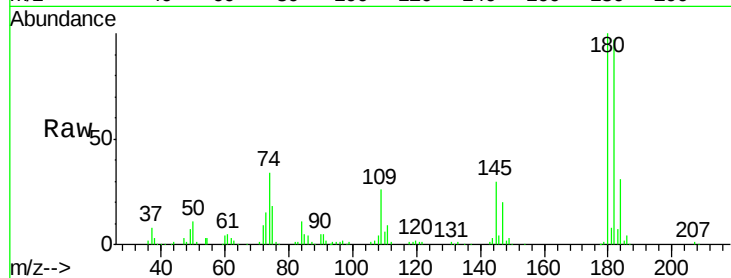




#93
 1,2,4-Trichlorobenzene
 Concen: 20.996 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

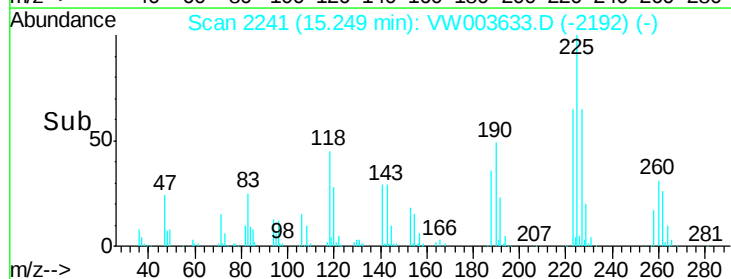
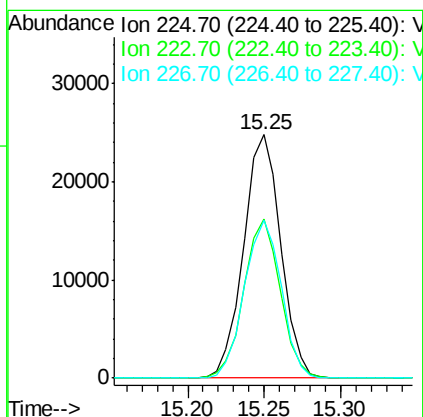
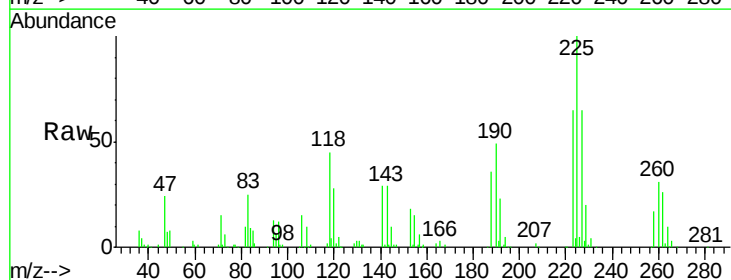
Instrument :
 MSVOA_W
 ClientSampleId :

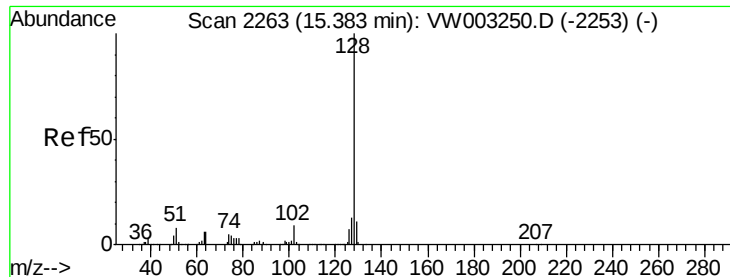
Tot Ion:180 Resp: 71208
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 30.6 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 20.474 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion:225 Resp: 41769
 Ion Ratio Lower Upper
 225 100
 223 64.3 30.6 92.0
 227 64.9 31.7 95.1

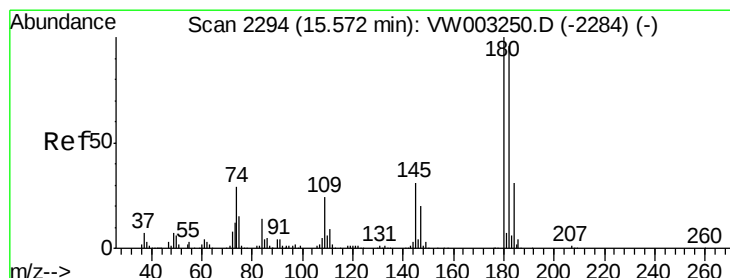
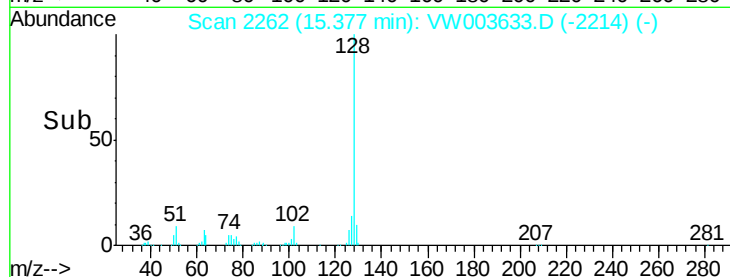
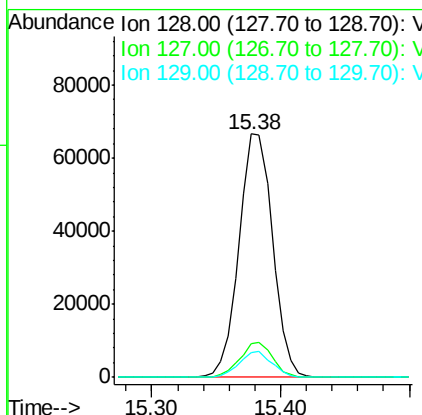
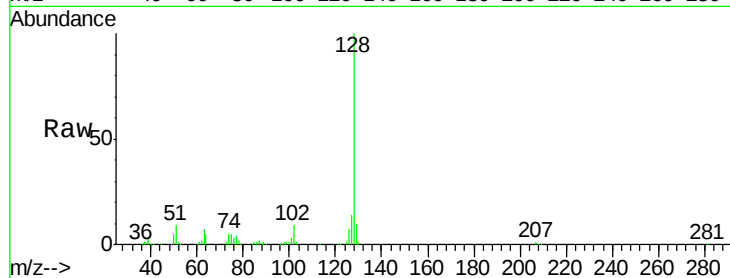




#95
Naphthalene
Concen: 20.952 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 120536
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 10.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.068 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion:180 Resp: 62893
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.6
145 32.7 15.8 47.4

