

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006122.D
 Acq On : 17 Oct 2018 13:27
 Operator : VA/AP
 Sample : VW1017SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Quant Time: Oct 17 15:05:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	327073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	457245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	231358	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127214	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	7.89	113	132162	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.33	98	505928	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	189271	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.02	85	26780	16.55	ug/l	97
3) Chloromethane	2.22	50	35229	16.91	ug/l	99
4) Vinyl Chloride	2.37	62	54858	18.44	ug/l	99
5) Bromomethane	2.79	94	48211	17.82	ug/l	93
6) Chloroethane	2.93	64	38732	18.16	ug/l	95
7) Trichlorofluoromethane	3.26	101	52276	18.86	ug/l	99
8) Diethyl Ether	3.68	74	28967	19.66	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	61211	21.07	ug/l	98
10) Methyl Iodide	4.27	142	98798	20.44	ug/l	99
11) Tert butyl alcohol	5.17	59	19766	108.39	ug/l	97
12) 1,1-Dichloroethene	4.03	96	56138	20.54	ug/l	94
13) Acrolein	3.89	56	18679	105.85	ug/l	100
14) Allyl chloride	4.67	41	76970	19.70	ug/l	98
15) Acrylonitrile	5.37	53	51693	97.84	ug/l	99
16) Acetone	4.12	43	69484	129.45	ug/l	99
17) Carbon Disulfide	4.38	76	156059	18.92	ug/l	99
18) Methyl Acetate	4.67	43	25044	18.35	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	81908	19.68	ug/l	96
20) Methylene Chloride	4.92	84	61750	20.56	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	61999	20.33	ug/l	97
22) Diisopropyl ether	6.32	45	156376	20.25	ug/l	100
23) Vinyl Acetate	6.26	43	435654	95.60	ug/l	100
24) 1,1-Dichloroethane	6.21	63	100732	20.22	ug/l	97
25) 2-Butanone	7.18	43	79280	108.23	ug/l	99
26) 2,2-Dichloropropane	7.17	77	74245	21.13	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	68554	20.37	ug/l	99
28) Bromochloromethane	7.52	49	33927	17.64	ug/l	97
29) Tetrahydrofuran	7.54	42	42609	94.63	ug/l	99
30) Chloroform	7.68	83	109596	20.19	ug/l	100
31) Cyclohexane	7.96	56	98705	19.89	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	100166	20.46	ug/l	99
36) 1,1-Dichloropropene	8.09	75	89307	21.19	ug/l	99
37) Ethyl Acetate	7.26	43	30607	19.55	ug/l	100
38) Carbon Tetrachloride	8.07	117	96612	20.91	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006122.D
 Acq On : 17 Oct 2018 13:27
 Operator : VA/AP
 Sample : VW1017SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Quant Time: Oct 17 15:05:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	120047	21.43	ug/l	98
40) Benzene	8.33	78	243069	21.03	ug/l	99
41) Methacrylonitrile	7.49	41	15575	16.50	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	70004	20.61	ug/l	100
43) Isopropyl Acetate	8.43	43	61261	19.13	ug/l	100
44) Trichloroethene	9.10	130	74999	21.15	ug/l	97
45) 1,2-Dichloropropane	9.37	63	57264	20.70	ug/l	99
46) Dibromomethane	9.46	93	32124	20.37	ug/l	99
47) Bromodichloromethane	9.65	83	77303	20.22	ug/l	99
48) Methyl methacrylate	9.44	41	29599	19.50	ug/l	97
49) 1,4-Dioxane	9.45	88	10147	418.04	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	155239	96.77	ug/l	99
52) Toluene	10.39	92	164532	21.23	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	74504	19.56	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	88322	20.21	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45100	20.44	ug/l	98
56) Ethyl methacrylate	10.65	69	53215	19.67	ug/l	99
57) 1,3-Dichloropropane	10.94	76	73468	20.11	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	102737	99.40	ug/l	99
59) 2-Hexanone	10.98	43	117689	102.78	ug/l	100
60) Dibromochloromethane	11.13	129	52873	19.24	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43901	19.91	ug/l	100
64) Tetrachloroethene	10.87	164	67861	21.29	ug/l	95
65) Chlorobenzene	11.66	112	186562	21.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	65322	20.91	ug/l	99
67) Ethyl Benzene	11.74	91	327316	21.49	ug/l	98
68) m/p-Xylenes	11.85	106	258051	42.86	ug/l	99
69) o-Xylene	12.17	106	122779	21.40	ug/l	100
70) Styrene	12.19	104	197917	21.21	ug/l	100
71) Bromoform	12.35	173	31678	18.18	ug/l #	98
73) Isopropylbenzene	12.47	105	349070	21.36	ug/l	100
74) N-amyl acetate	12.28	43	60891	19.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49339	19.85	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64767	36.65	ug/l #	100
77) Bromobenzene	12.76	156	83768	20.92	ug/l	99
78) n-propylbenzene	12.81	91	410431	21.58	ug/l	100
79) 2-Chlorotoluene	12.90	91	227352	21.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	294080	21.34	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13115	17.74	ug/l	93
82) 4-Chlorotoluene	12.99	91	236234	21.11	ug/l	100
83) tert-Butylbenzene	13.21	119	264593	21.46	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	299997	21.52	ug/l	100
85) sec-Butylbenzene	13.39	105	380705	21.86	ug/l	100
86) p-Isopropyltoluene	13.51	119	342183	21.72	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	168648	21.17	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	167708	21.14	ug/l	100
89) n-Butylbenzene	13.83	91	314244	21.81	ug/l	99
90) Hexachloroethane	14.10	117	53044	19.88	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	149683	21.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8269	18.58	ug/l	98

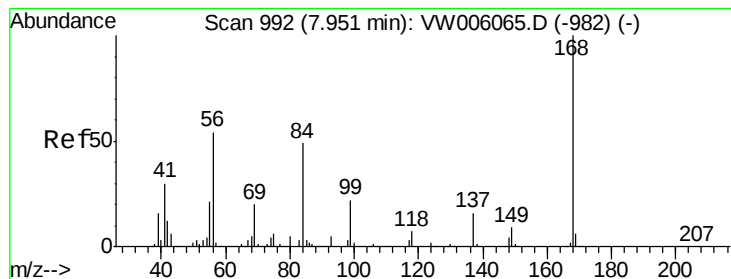
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
Data File : VW006122.D
Acq On : 17 Oct 2018 13:27
Operator : VA/AP
Sample : VW1017SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Quant Time: Oct 17 15:05:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	116190	21.25	ug/l	99
94) Hexachlorobutadiene	15.25	225	77256	22.49	ug/l	98
95) Naphthalene	15.38	128	183168	20.14	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	99453	21.03	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

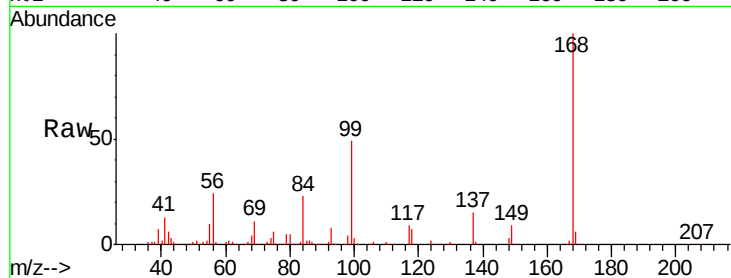
VW1017SBS01

Tgt Ion:168 Resp: 327073

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

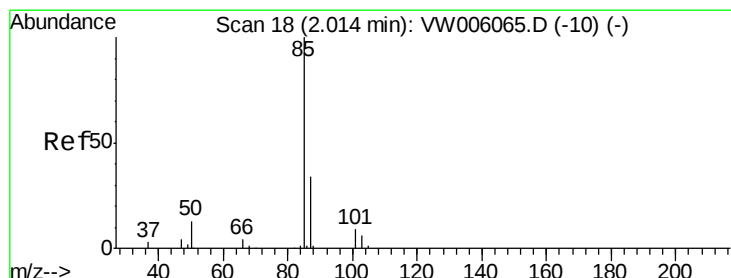
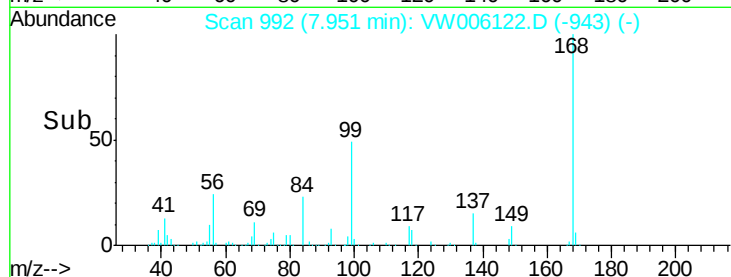
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 16.55 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW006122.D

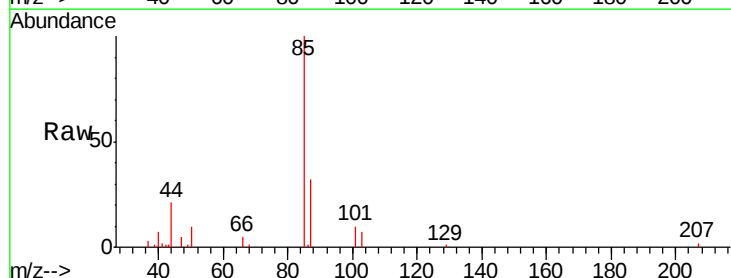
Acq: 17 Oct 2018 13:27

Tgt Ion: 85 Resp: 26780

Ion Ratio Lower Upper

85 100

87 32.0 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

8000

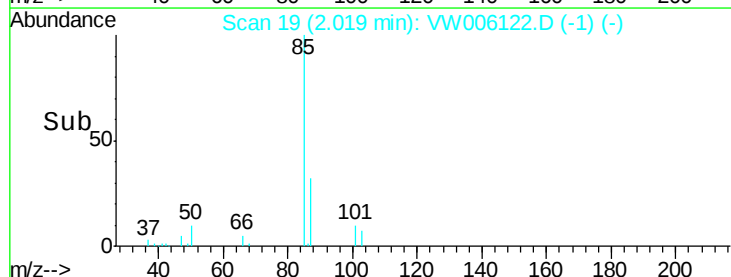
6000

4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 16.91 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

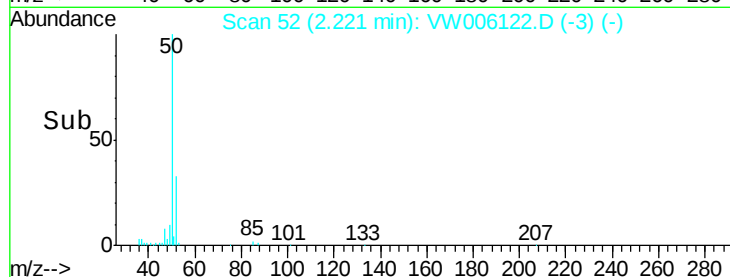
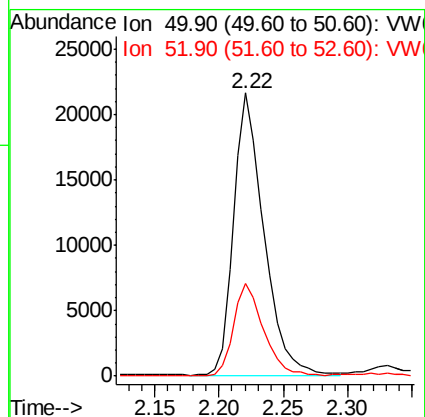
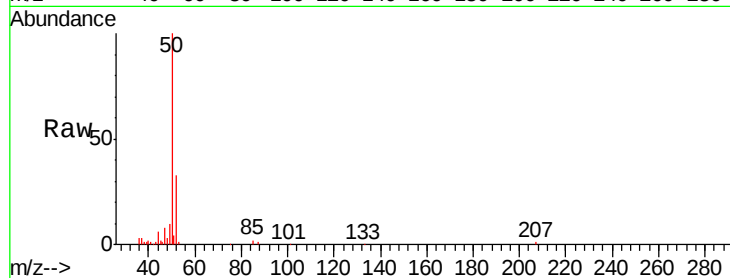
VW1017SBS01

Tgt Ion: 50 Resp: 35229

Ion Ratio Lower Upper

50 100

52 32.7 26.8 40.2



#4

Vinyl Chloride

Concen: 18.44 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006122.D

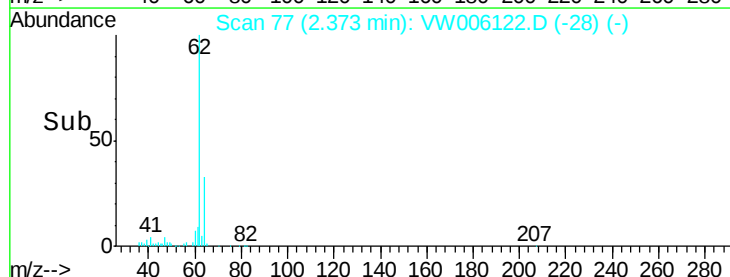
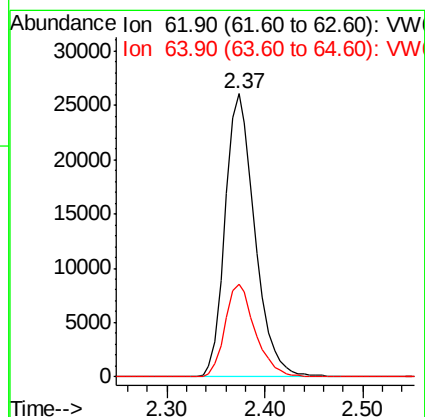
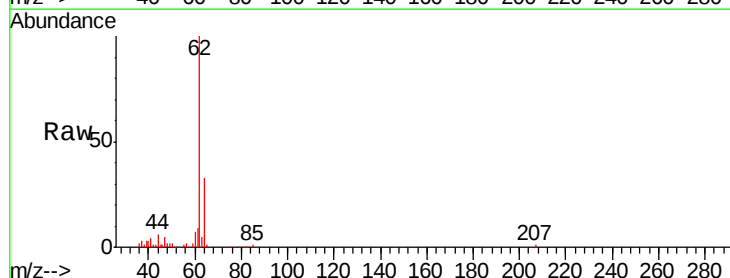
Acq: 17 Oct 2018 13:27

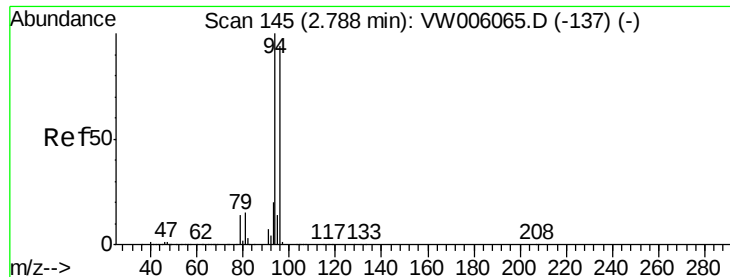
Tgt Ion: 62 Resp: 54858

Ion Ratio Lower Upper

62 100

64 32.9 25.9 38.9





#5

Bromomethane

Concen: 17.82 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

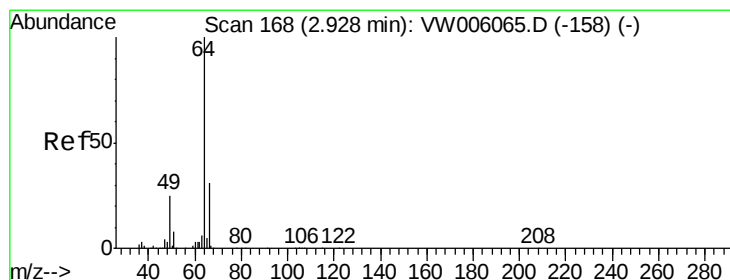
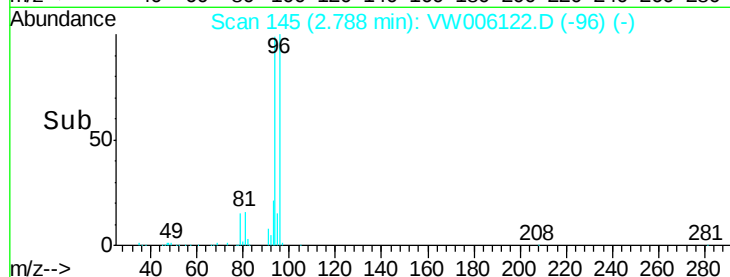
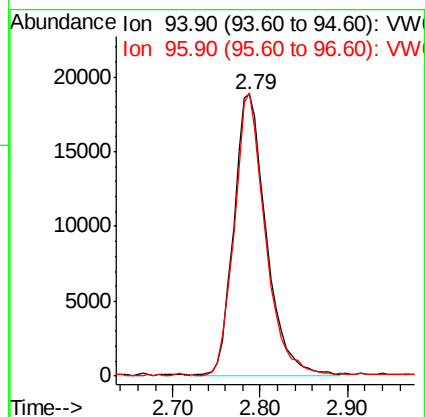
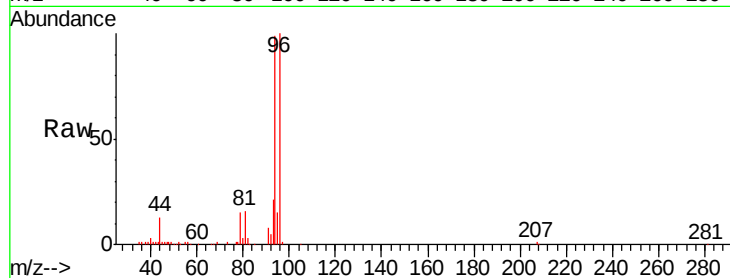
VW1017SBS01

Tgt Ion: 94 Resp: 48211

Ion Ratio Lower Upper

94 100

96 100.2 74.9 112.3



#6

Chloroethane

Concen: 18.16 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW006122.D

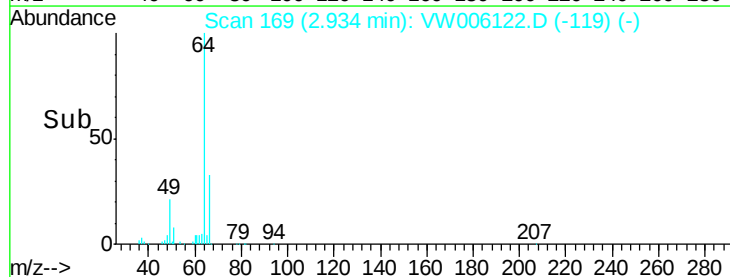
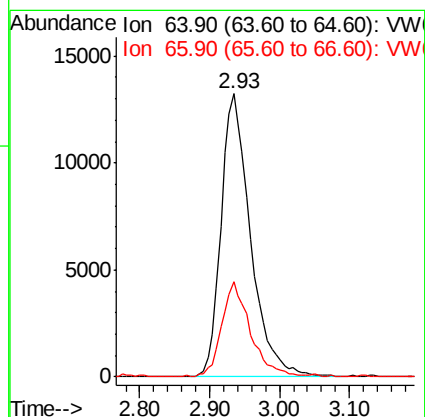
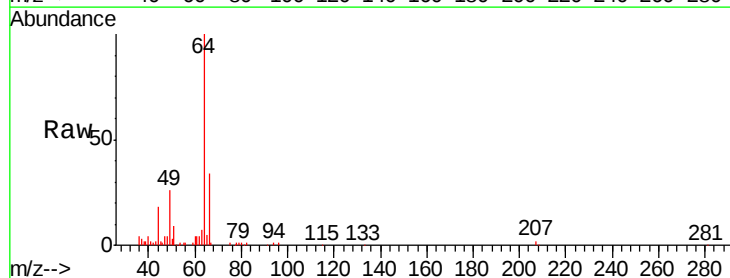
Acq: 17 Oct 2018 13:27

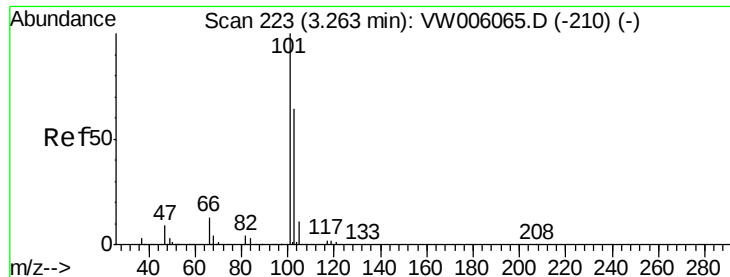
Tgt Ion: 64 Resp: 38732

Ion Ratio Lower Upper

64 100

66 33.9 24.9 37.3



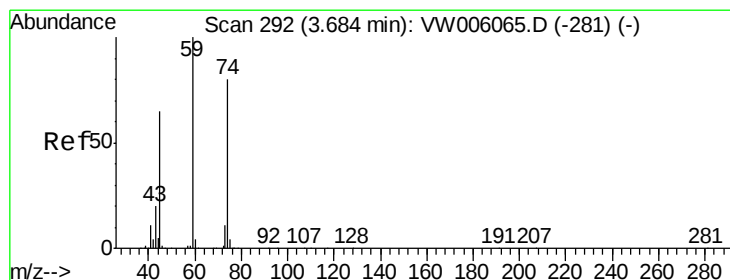
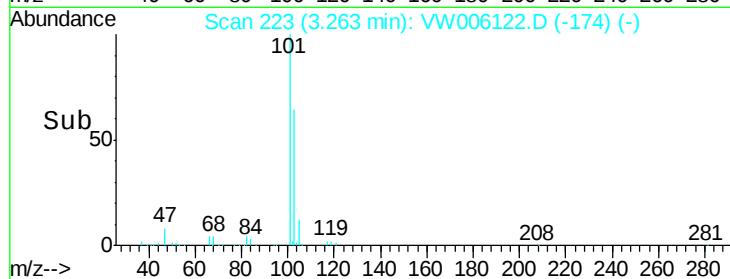
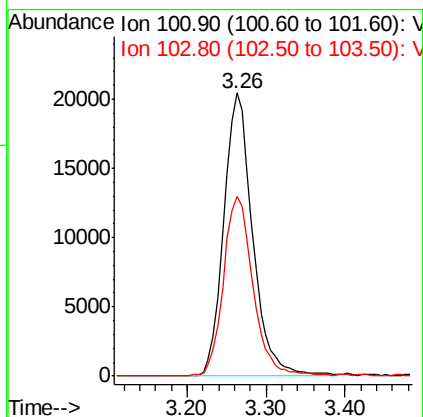
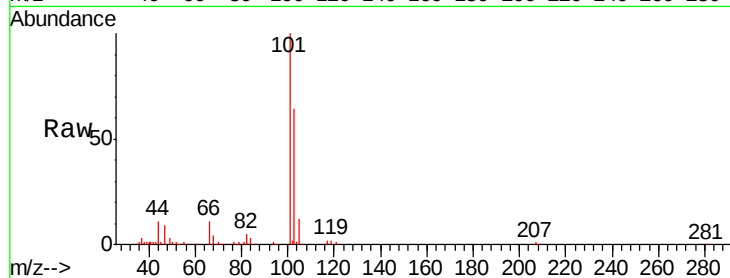


#7

Trichlorofluoromethane
 Concen: 18.86 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

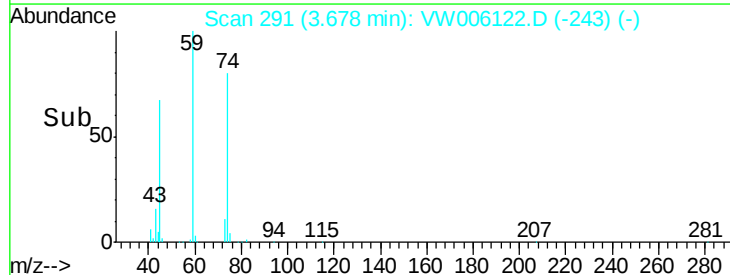
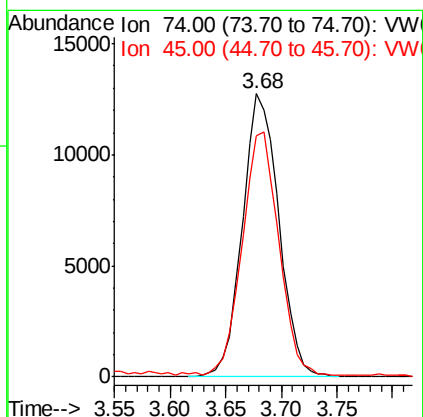
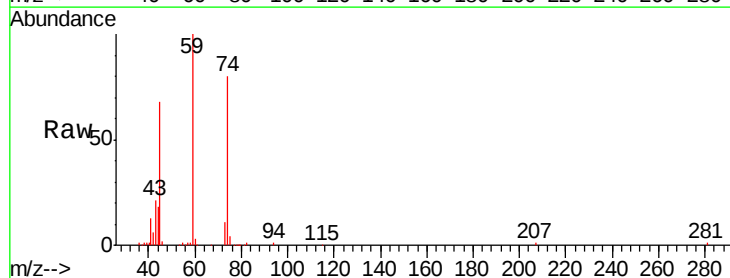
Tgt Ion: 101 Resp: 52276
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.2 76.8



#8

Diethyl Ether
 Concen: 19.66 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion: 74 Resp: 28967
 Ion Ratio Lower Upper
 74 100
 45 86.5 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.07 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

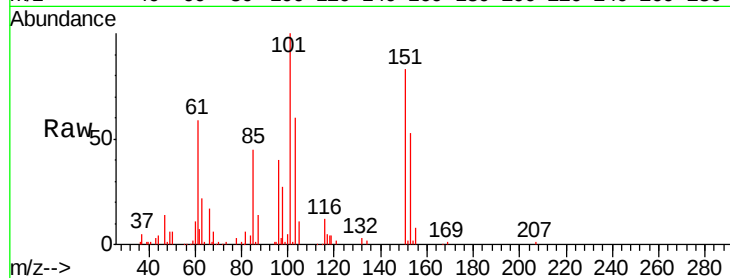
Tgt Ion:101 Resp: 61211

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

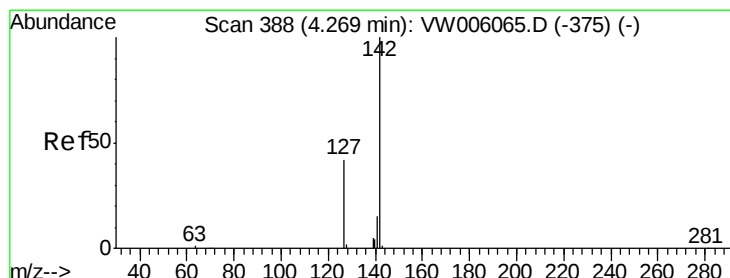
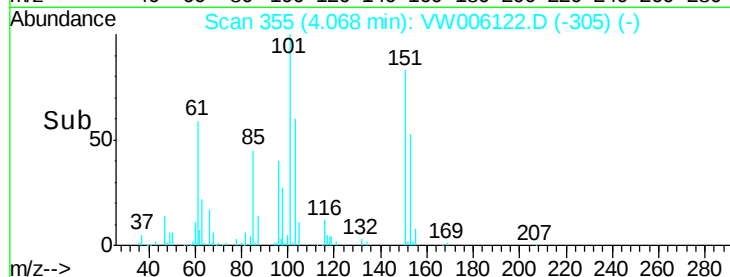
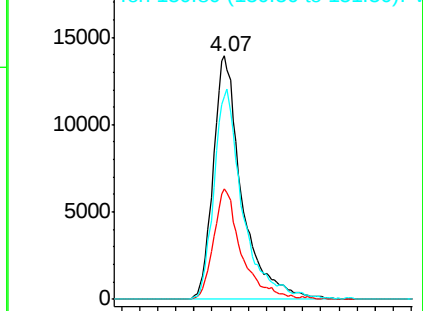
151 85.1 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.44 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

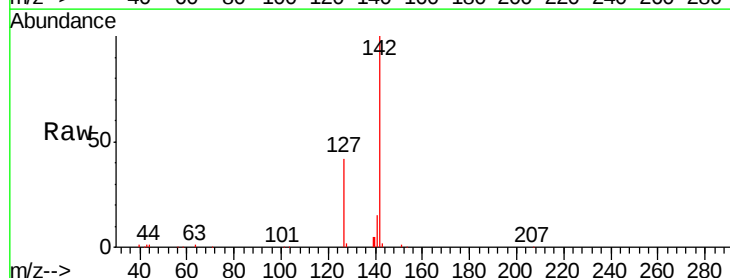
Tgt Ion:142 Resp: 98798

Ion Ratio Lower Upper

142 100

127 42.8 33.6 50.4

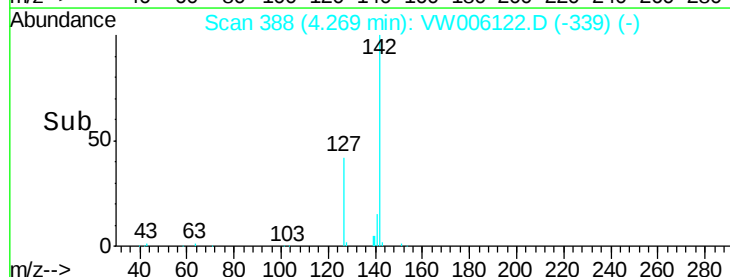
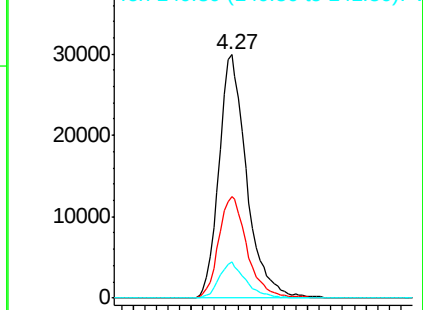
141 14.3 11.6 17.4

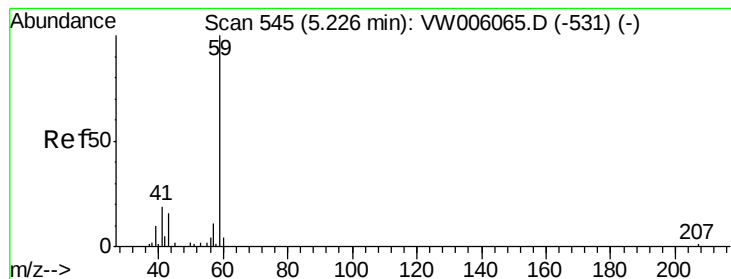


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



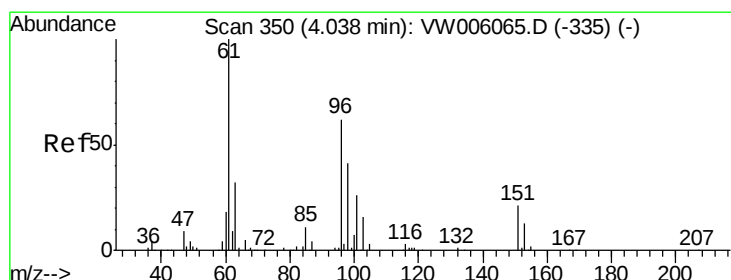
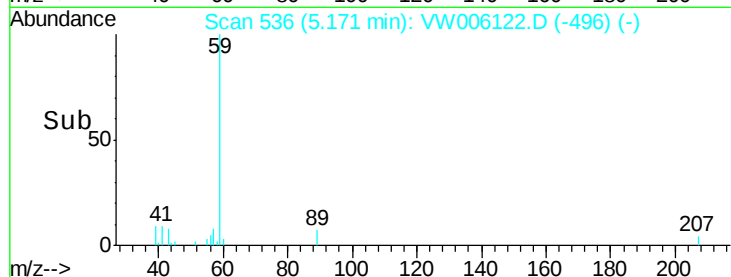
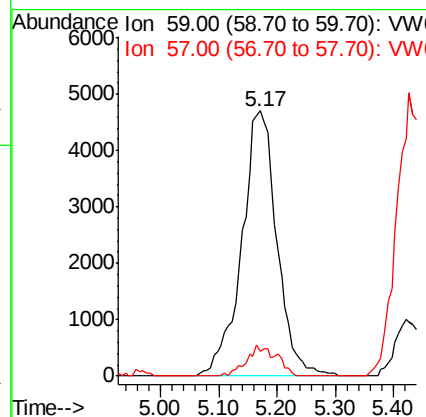
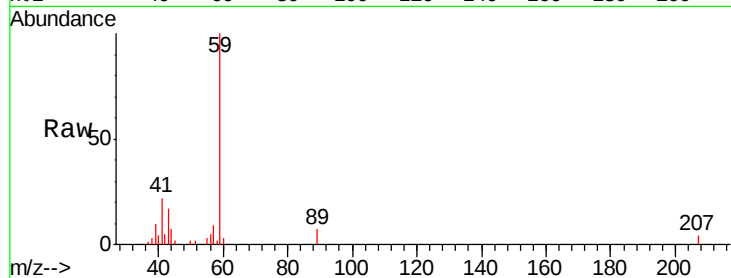


#11

Tert butyl alcohol
 Concen: 108.39 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.06 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

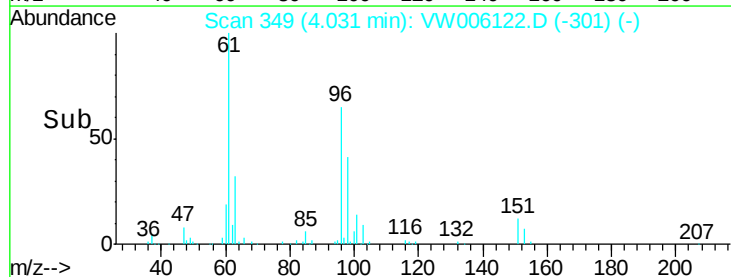
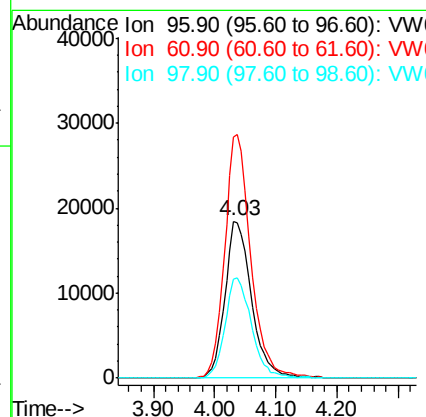
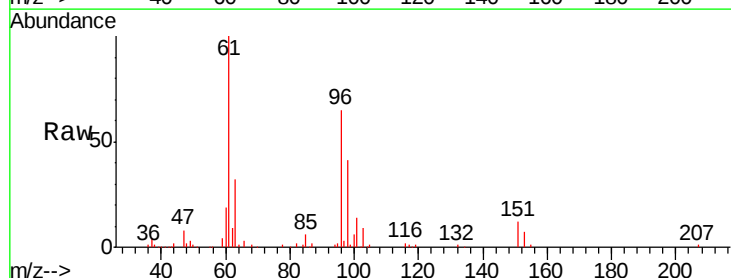
Tgt Ion: 59 Resp: 19766
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.7 13.1

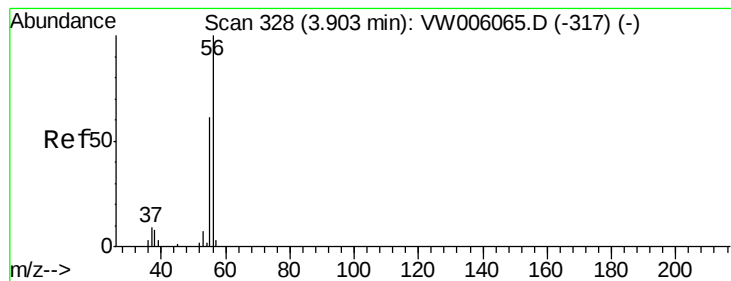


#12

1,1-Dichloroethene
 Concen: 20.54 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion: 96 Resp: 56138
 Ion Ratio Lower Upper
 96 100
 61 153.7 129.3 193.9
 98 62.9 53.1 79.7





#13

Acrolein

Concen: 105.85 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

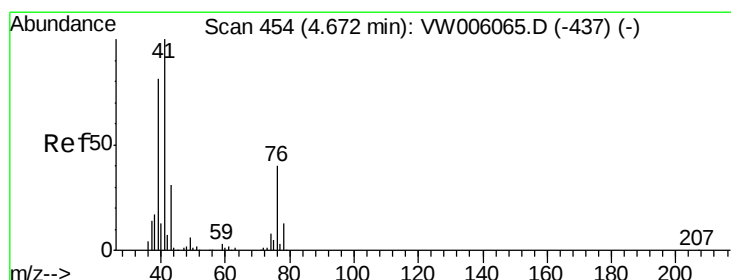
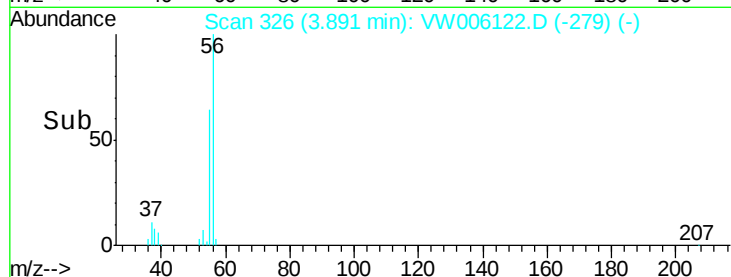
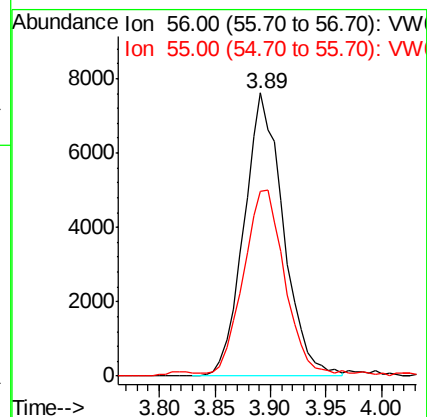
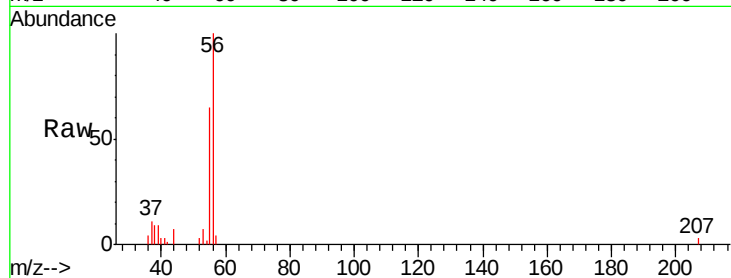
VW1017SBS01

Tgt Ion: 56 Resp: 18679

Ion Ratio Lower Upper

56 100

55 68.3 54.5 81.7



#14

Allyl chloride

Concen: 19.70 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

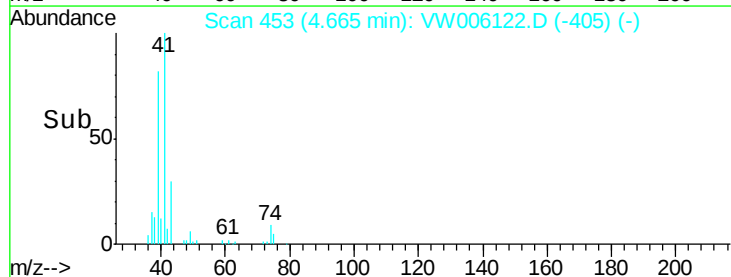
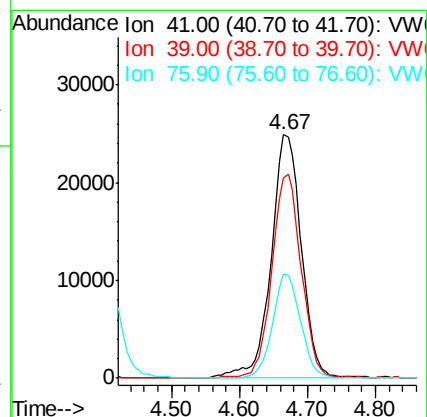
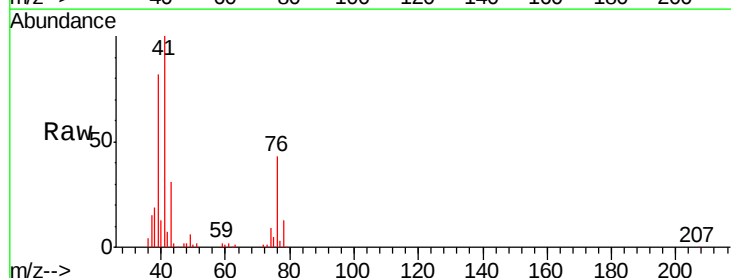
Tgt Ion: 41 Resp: 76970

Ion Ratio Lower Upper

41 100

39 81.7 64.1 96.1

76 39.5 32.2 48.4





#15

Acrylonitrile

Concen: 97.84 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

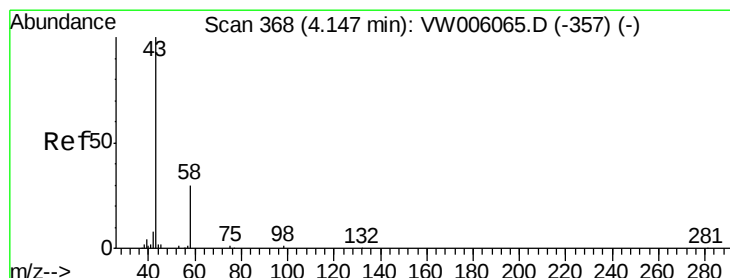
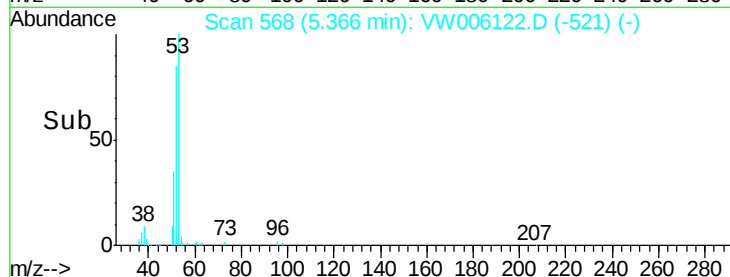
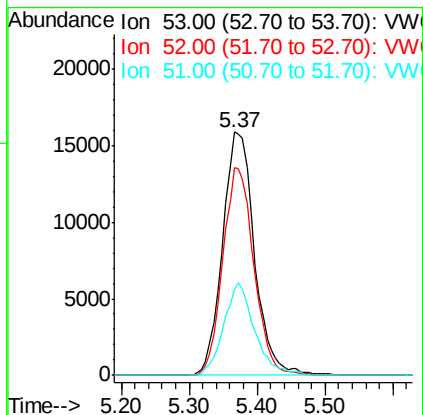
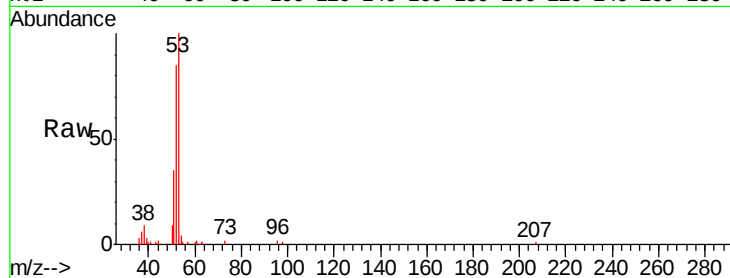
Tgt Ion: 53 Resp: 51693

Ion Ratio Lower Upper

53 100

52 82.8 66.9 100.3

51 36.9 30.1 45.1



#16

Acetone

Concen: 129.45 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006122.D

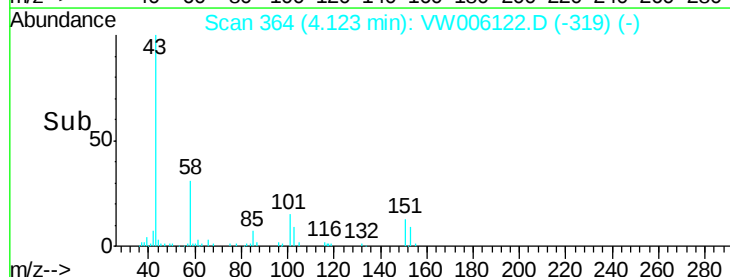
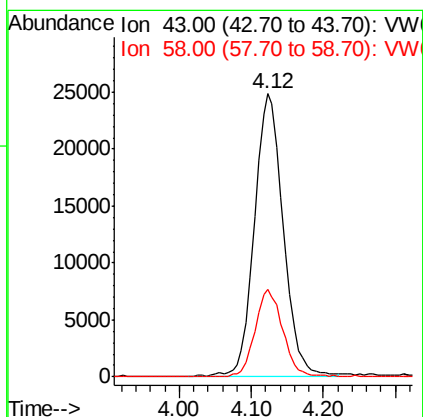
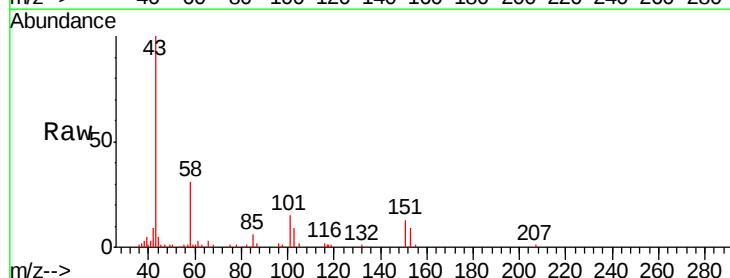
Acq: 17 Oct 2018 13:27

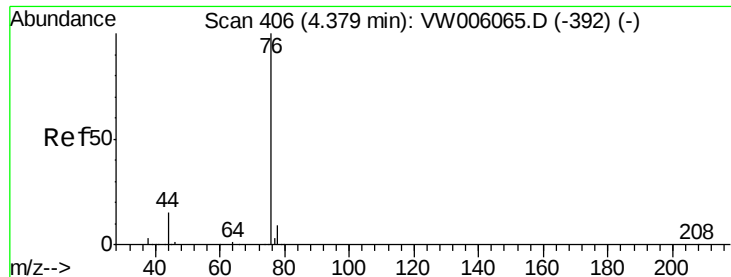
Tgt Ion: 43 Resp: 69484

Ion Ratio Lower Upper

43 100

58 30.8 24.0 36.0

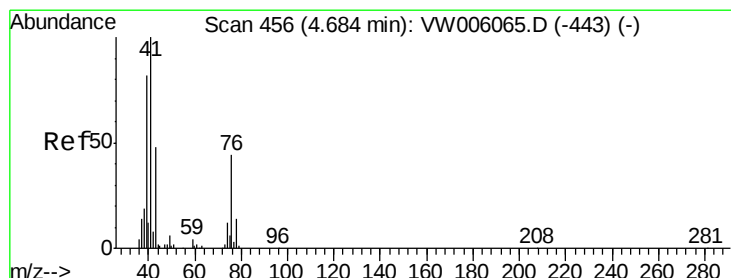
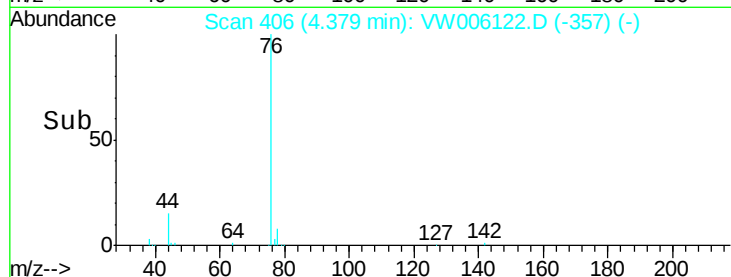
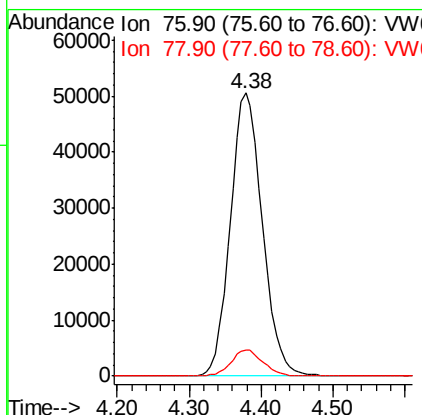
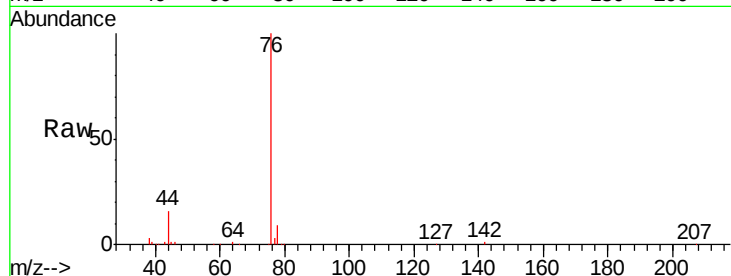




#17
Carbon Disulfide
Concen: 18.92 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

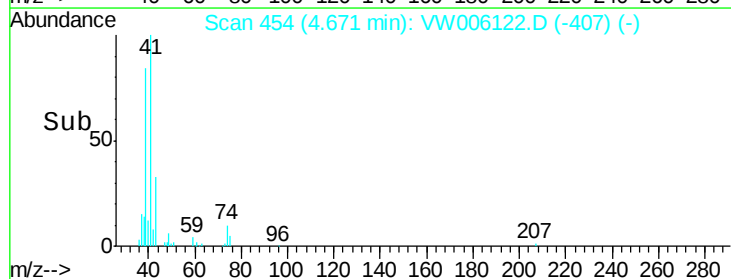
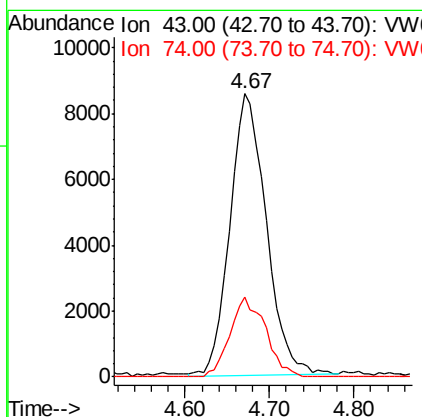
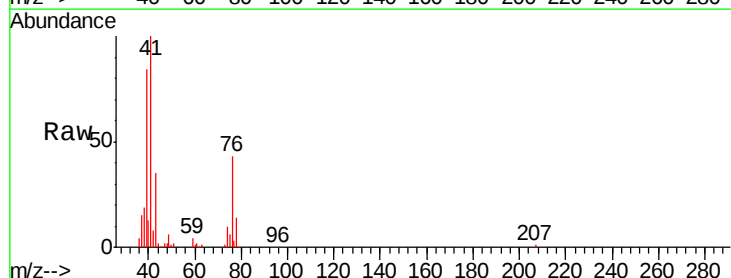
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

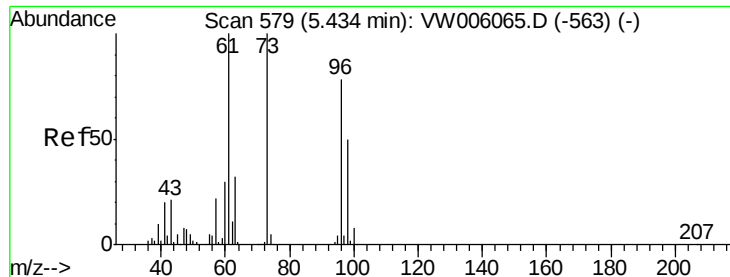
Tgt Ion: 76 Resp: 156059
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 18.35 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 43 Resp: 25044
Ion Ratio Lower Upper
43 100
74 27.7 20.5 30.7

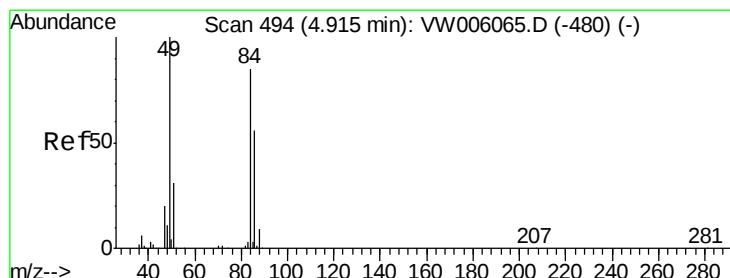
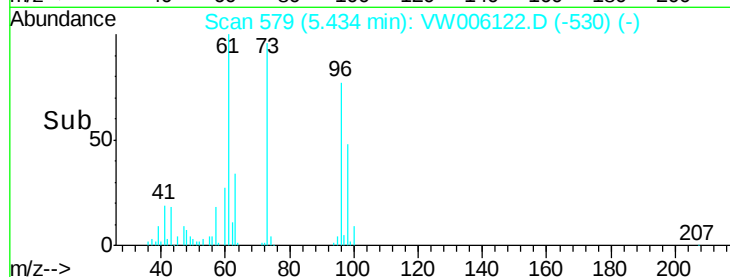
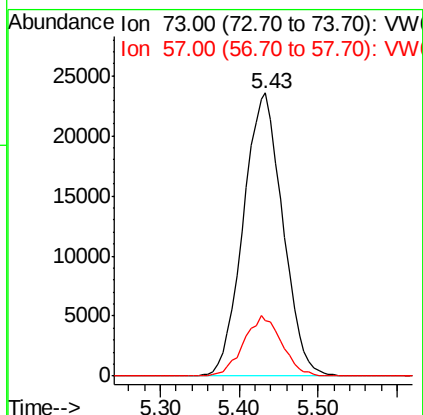
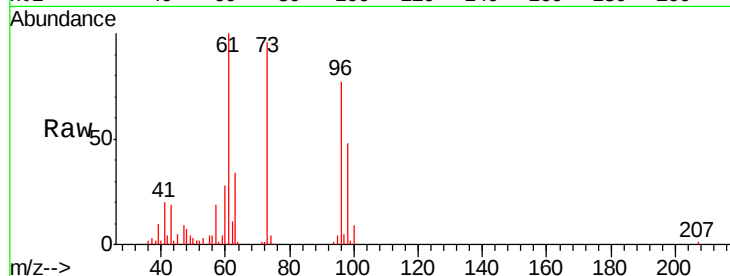




#19
Methyl tert-butyl Ether
Concen: 19.68 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

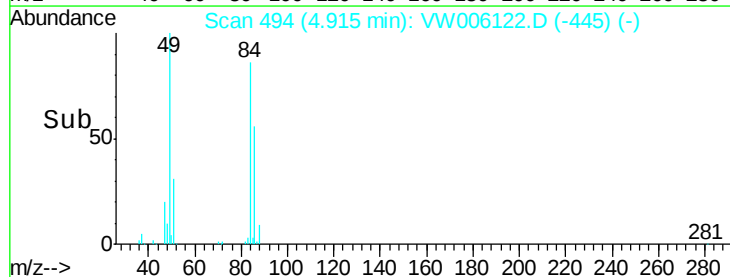
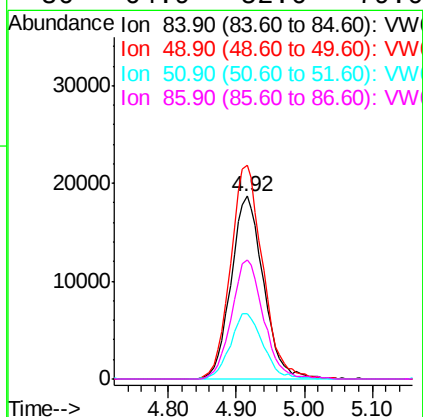
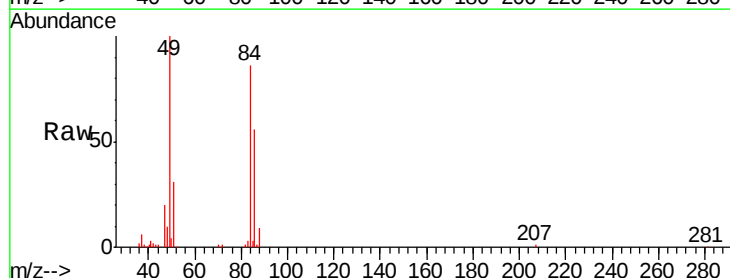
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

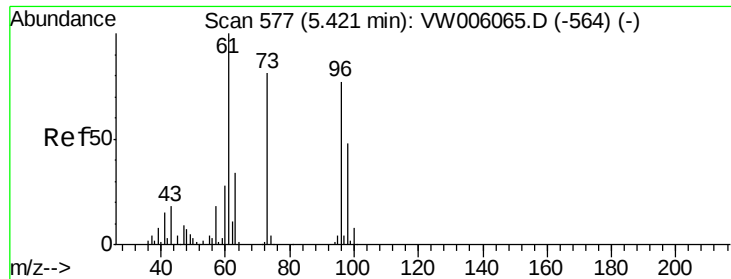
Tgt Ion: 73 Resp: 81908
Ion Ratio Lower Upper
73 100
57 19.7 17.4 26.2



#20
Methylene Chloride
Concen: 20.56 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 84 Resp: 61750
Ion Ratio Lower Upper
84 100
49 116.7 93.6 140.4
51 35.9 29.0 43.4
86 64.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.33 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

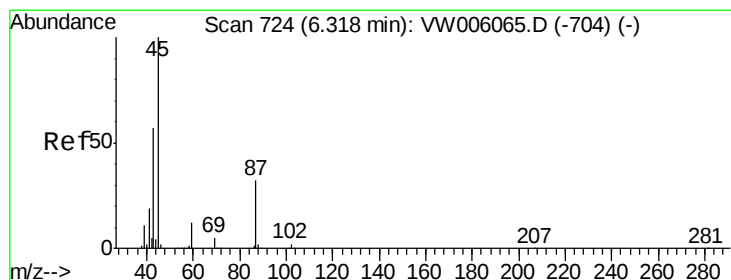
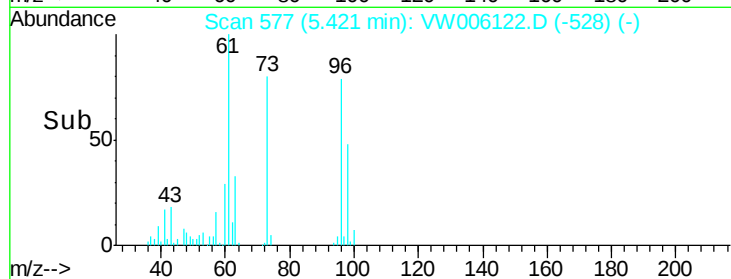
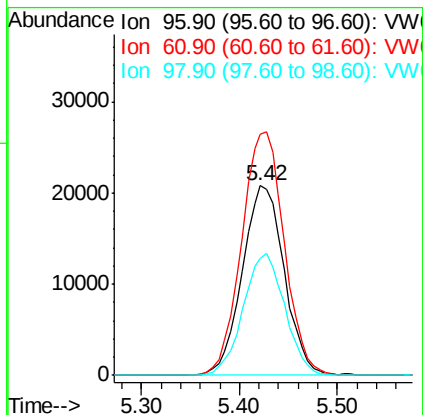
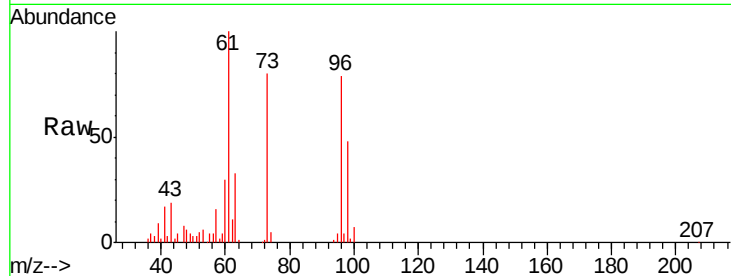
Tgt Ion: 96 Resp: 61999

Ion Ratio Lower Upper

96 100

61 127.1 104.5 156.7

98 61.5 50.6 75.8



#22

Diisopropyl ether

Concen: 20.25 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Tgt Ion: 45 Resp: 156376

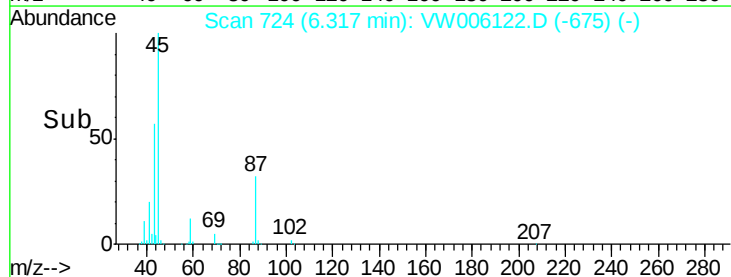
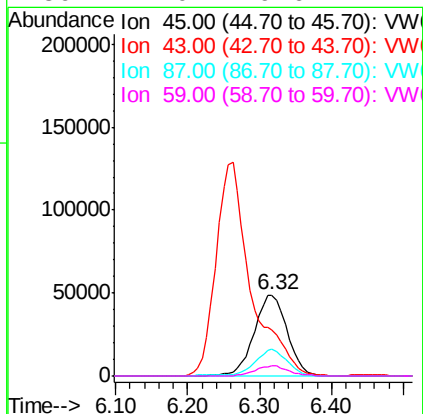
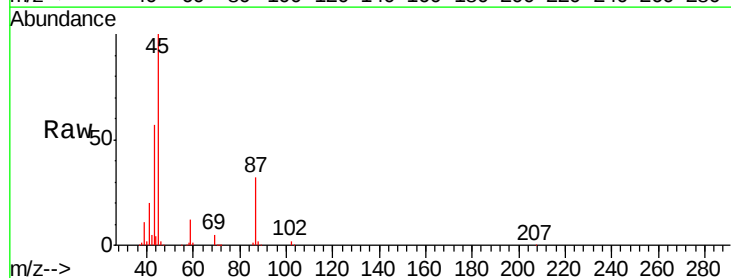
Ion Ratio Lower Upper

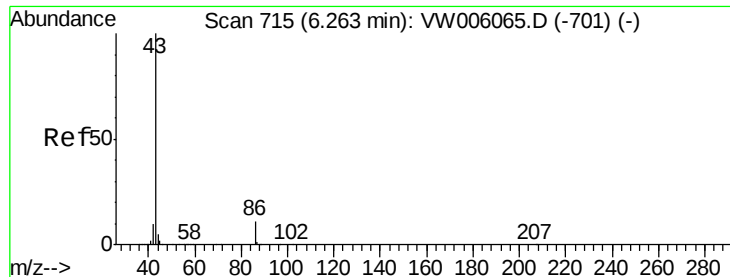
45 100

43 56.6 45.7 68.5

87 32.5 25.9 38.9

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 95.60 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

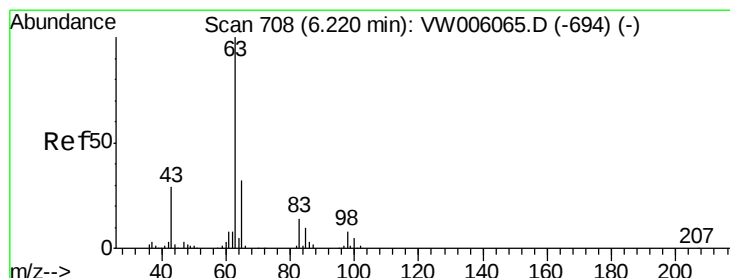
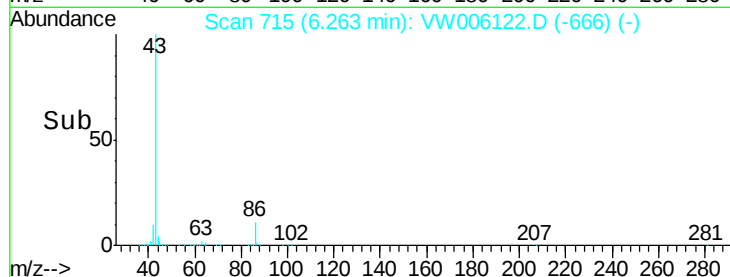
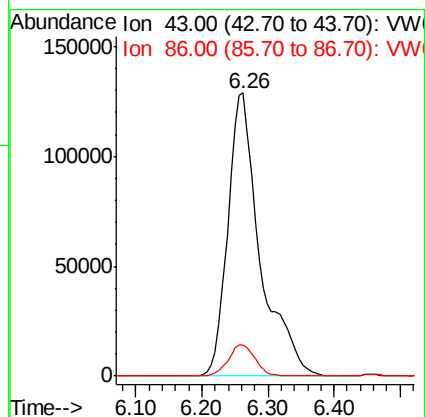
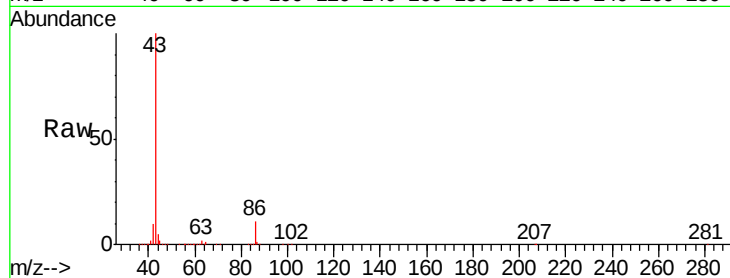
VW1017SBS01

Tgt Ion: 43 Resp: 435654

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.6



#24

1,1-Dichloroethane

Concen: 20.22 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

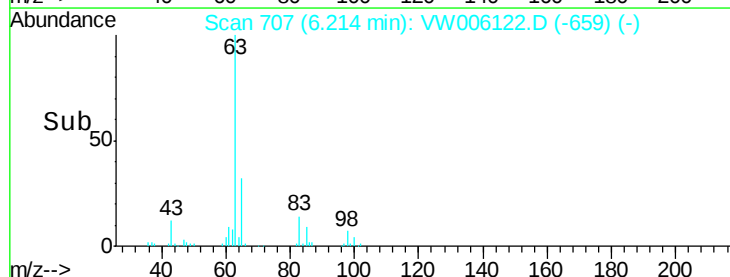
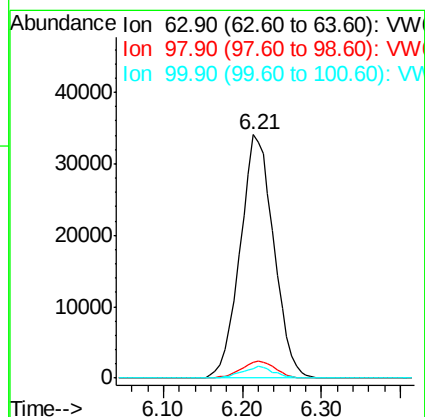
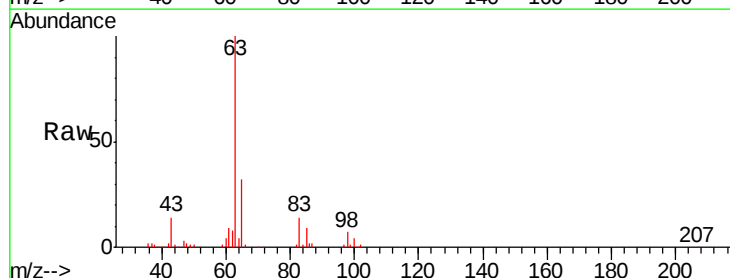
Tgt Ion: 63 Resp: 100732

Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.2

100 3.9 2.5 7.5





#25

2-Butanone

Concen: 108.23 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

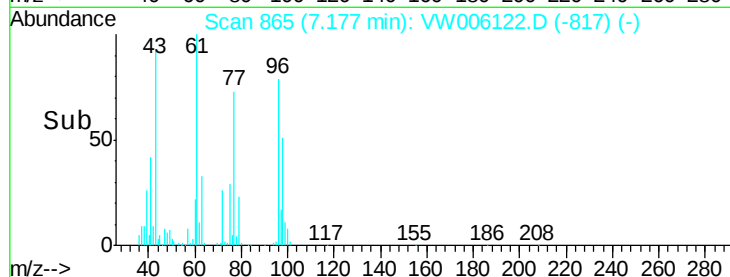
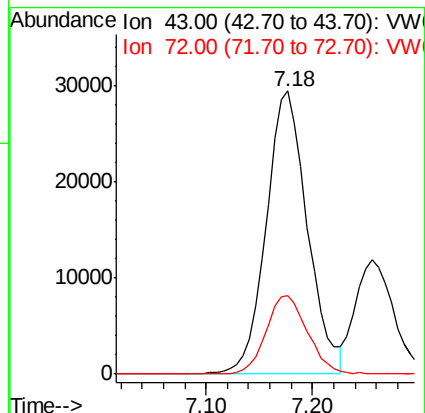
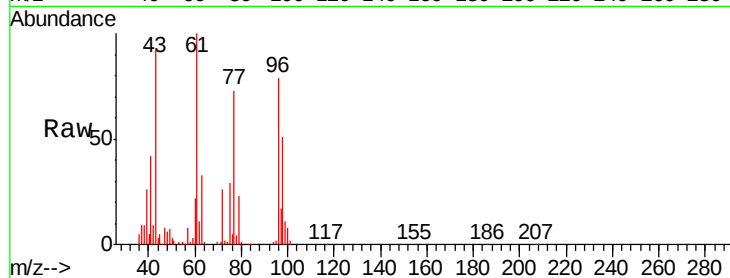
VW1017SBS01

Tgt Ion: 43 Resp: 79280

Ion Ratio Lower Upper

43 100

72 27.9 22.8 34.2



#26

2,2-Dichloropropane

Concen: 21.13 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006122.D

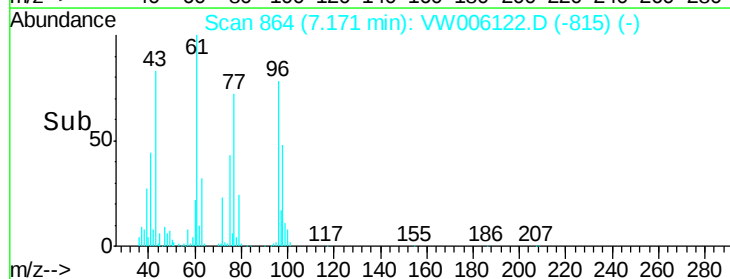
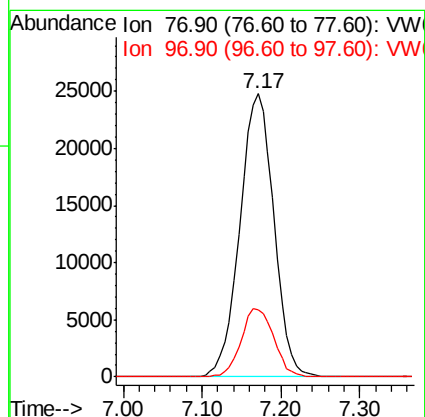
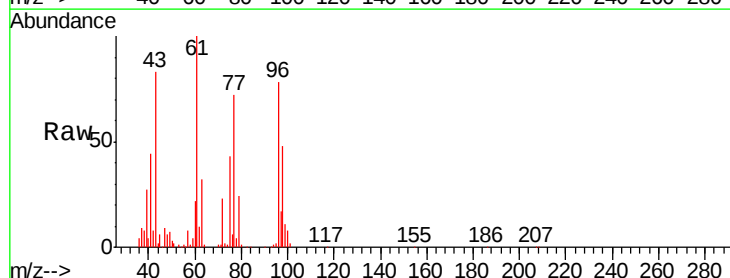
Acq: 17 Oct 2018 13:27

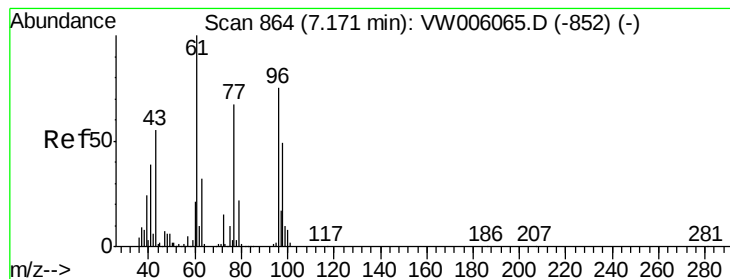
Tgt Ion: 77 Resp: 74245

Ion Ratio Lower Upper

77 100

97 23.2 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 20.37 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

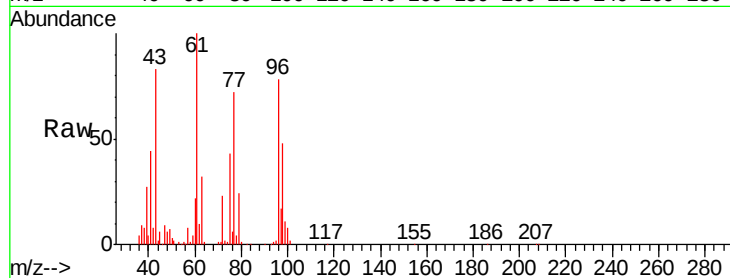
Tgt Ion: 96 Resp: 68554

Ion Ratio Lower Upper

96 100

61 135.8 0.0 267.2

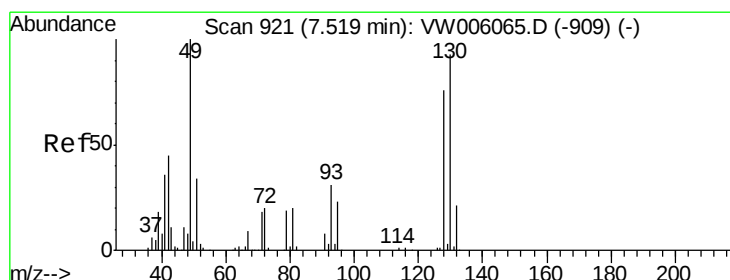
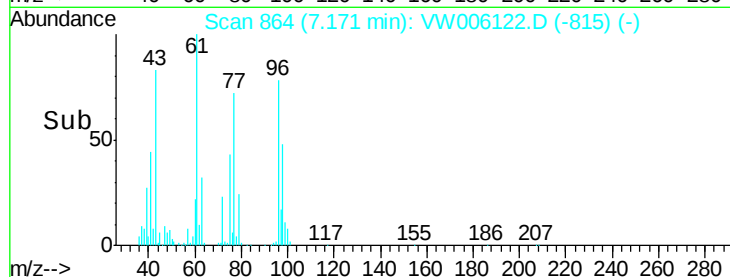
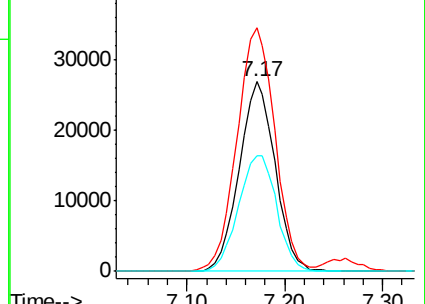
98 64.9 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 17.64 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

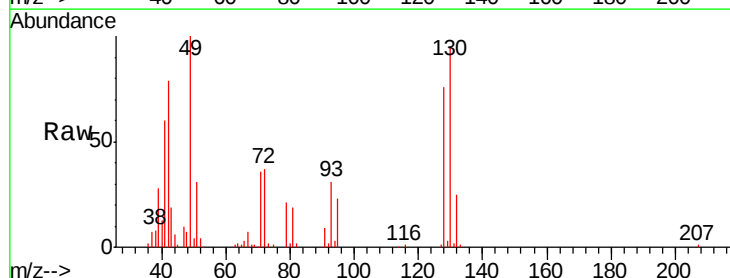
Tgt Ion: 49 Resp: 33927

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

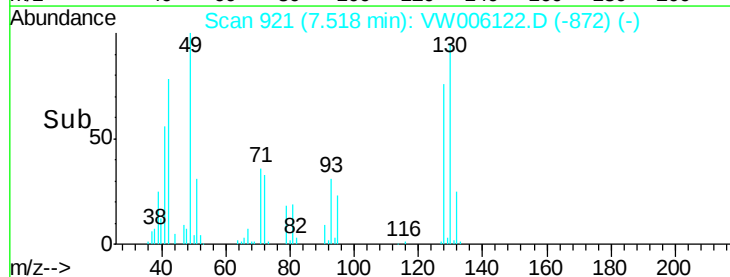
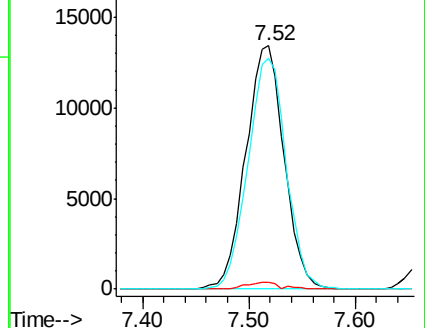
130 94.9 73.8 110.8

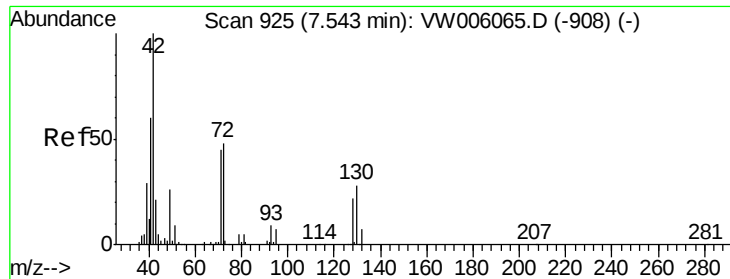


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.63 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

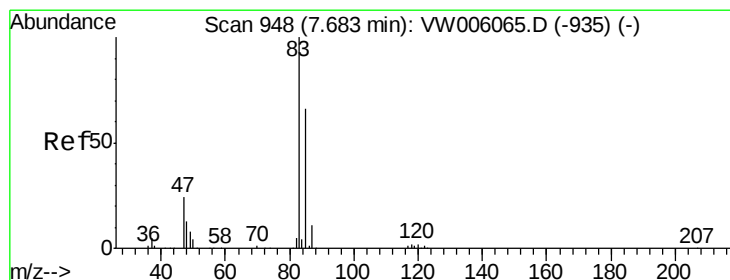
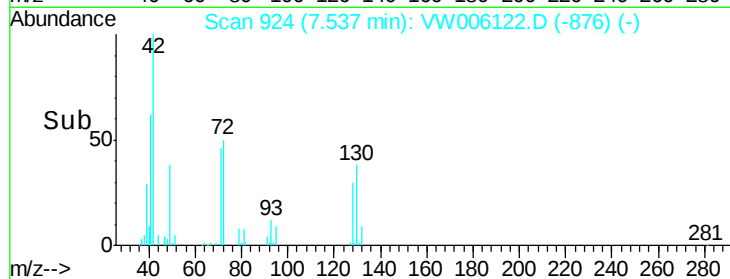
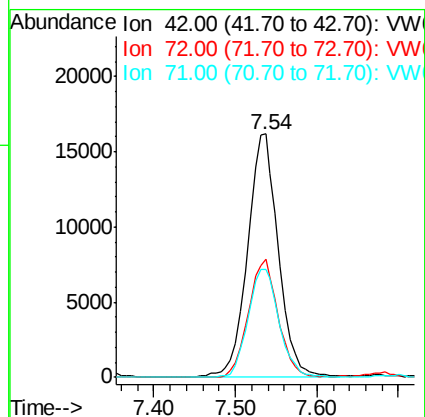
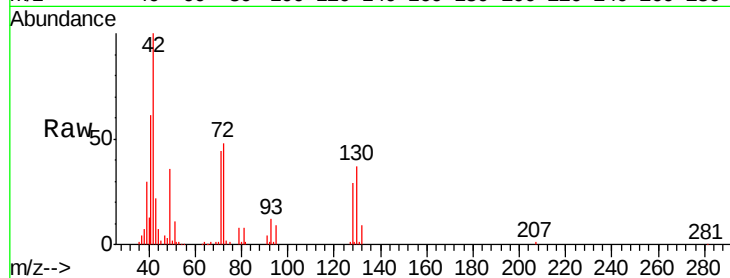
Tgt Ion: 42 Resp: 42609

Ion Ratio Lower Upper

42 100

72 46.7 38.0 57.0

71 44.7 35.3 52.9



#30

Chloroform

Concen: 20.19 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006122.D

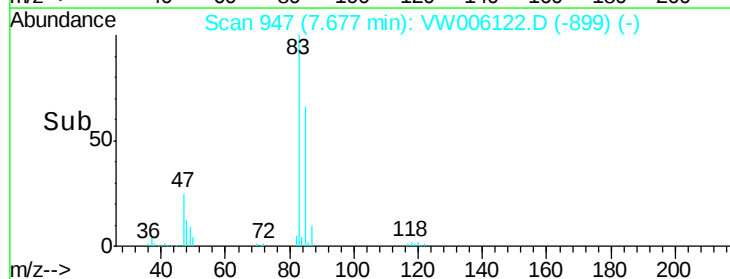
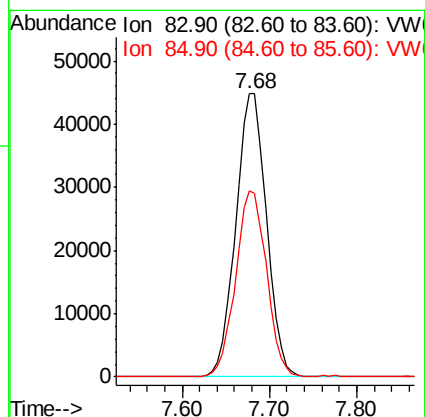
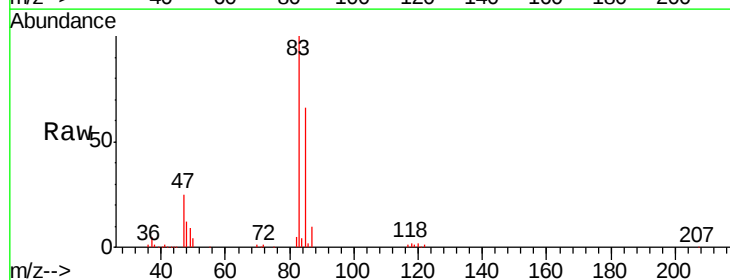
Acq: 17 Oct 2018 13:27

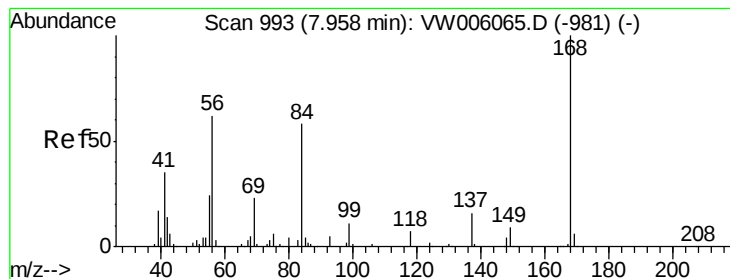
Tgt Ion: 83 Resp: 109596

Ion Ratio Lower Upper

83 100

85 65.7 52.6 79.0





#31

Cyclohexane

Concen: 19.89 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

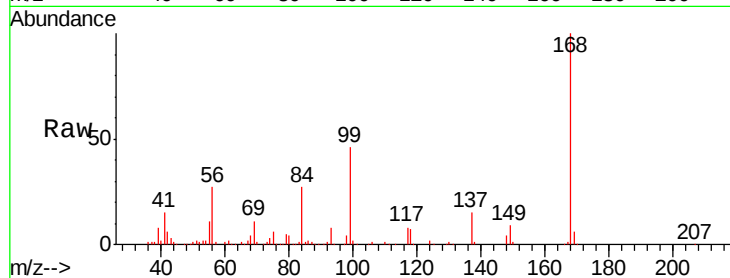
Tgt Ion: 56 Resp: 98705

Ion Ratio Lower Upper

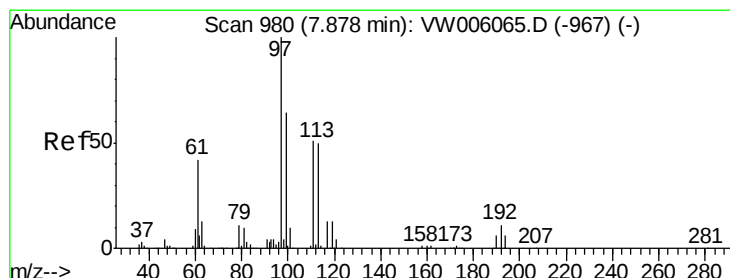
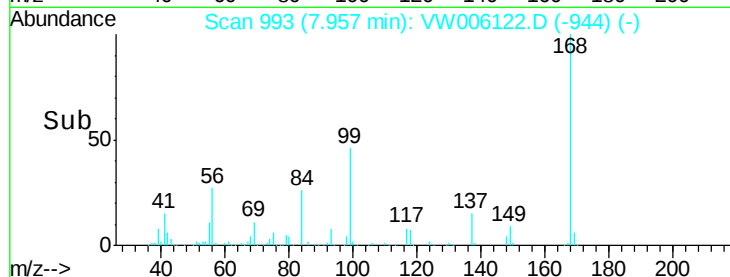
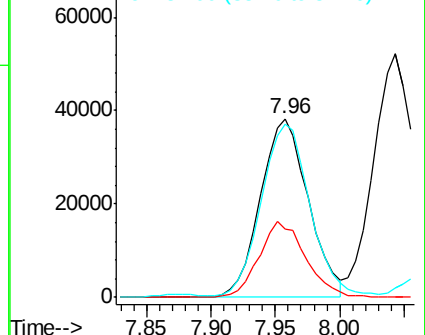
56 100

69 38.2 29.4 44.0

84 95.5 74.0 111.0



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



#32

1,1,1-Trichloroethane

Concen: 20.46 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

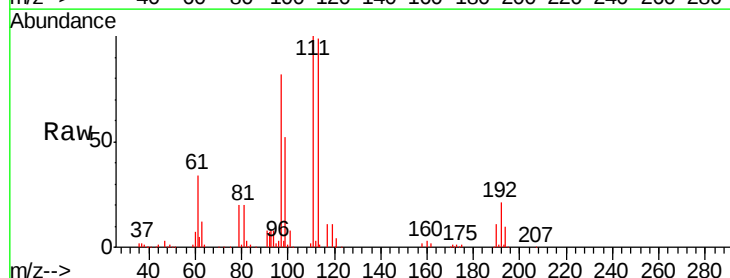
Tgt Ion: 97 Resp: 100166

Ion Ratio Lower Upper

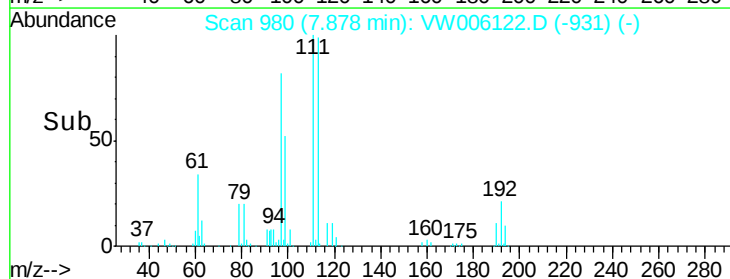
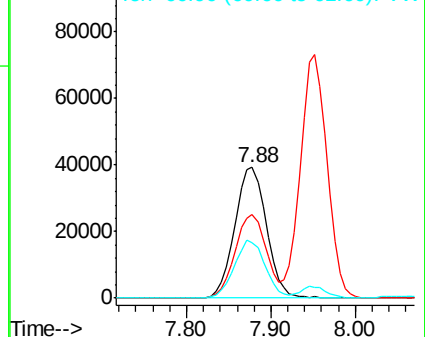
97 100

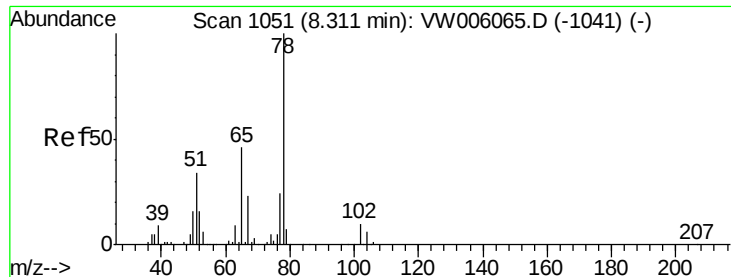
99 62.7 50.9 76.3

61 43.0 33.7 50.5



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: 46.91 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

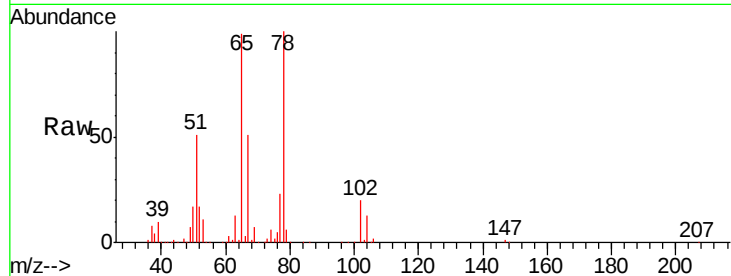
VW1017SBS01

Tgt Ion: 65 Resp: 127214

Ion Ratio Lower Upper

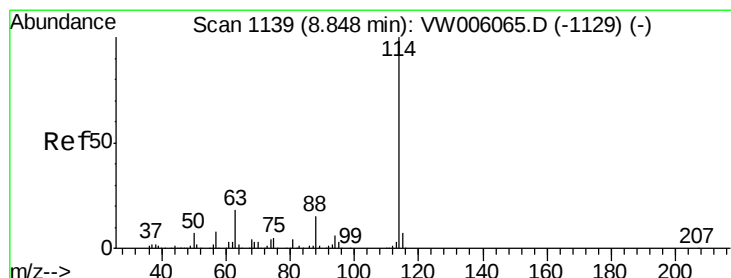
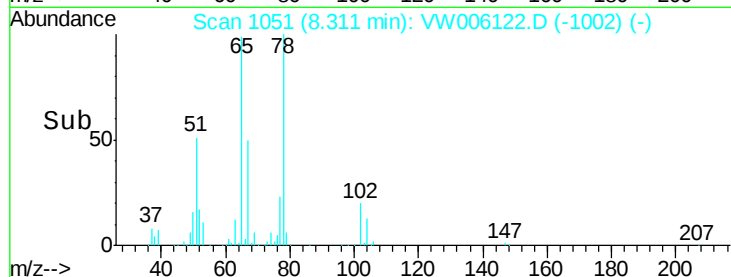
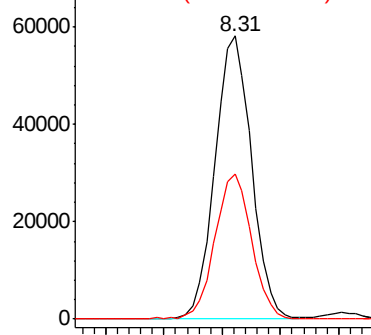
65 100

67 51.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

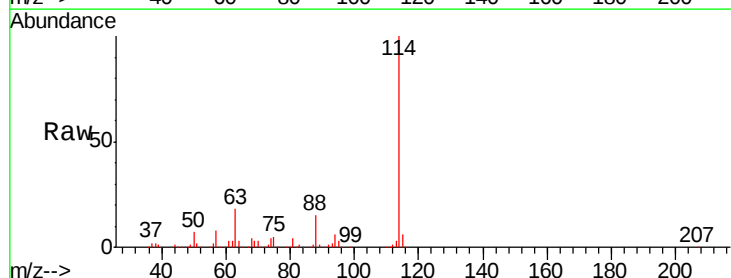
Tgt Ion: 114 Resp: 457245

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

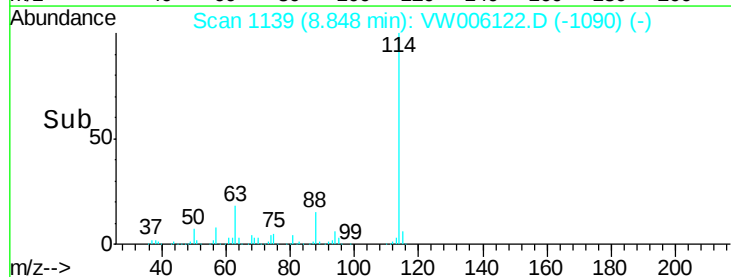
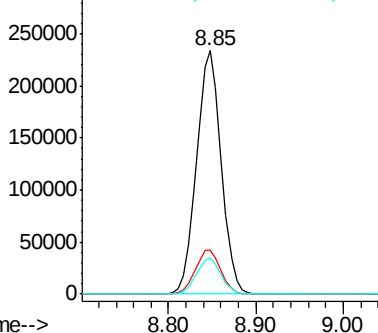
88 15.0 0.0 29.0



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





#35

Dibromofluoromethane

Concen: 48.92 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

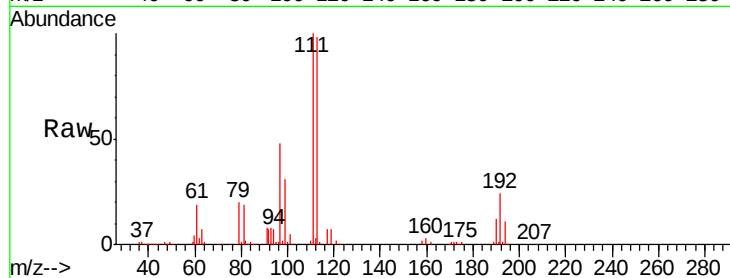
Tgt Ion:113 Resp: 132162

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

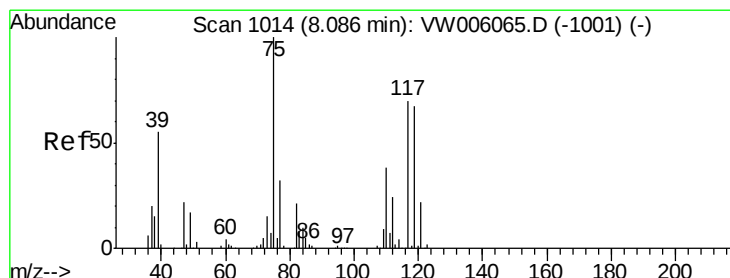
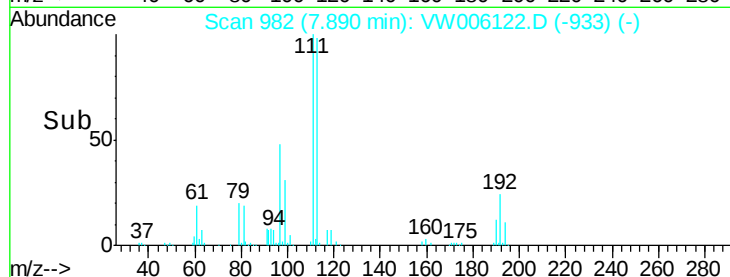
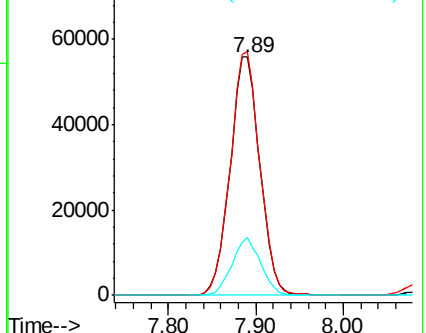
192 23.2 18.7 28.1



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: 21.19 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

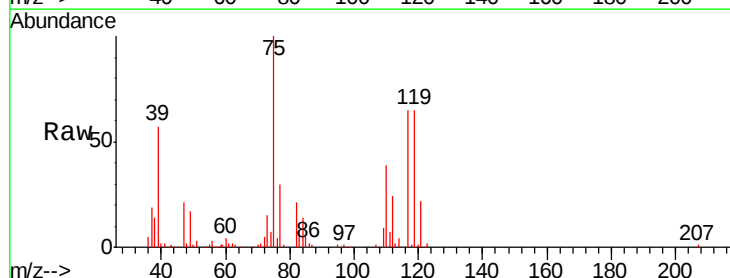
Tgt Ion: 75 Resp: 89307

Ion Ratio Lower Upper

75 100

110 38.5 19.1 57.1

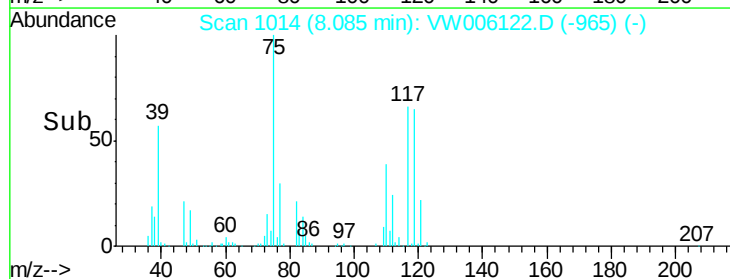
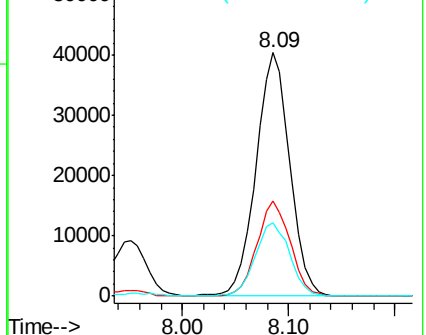
77 31.0 25.0 37.4

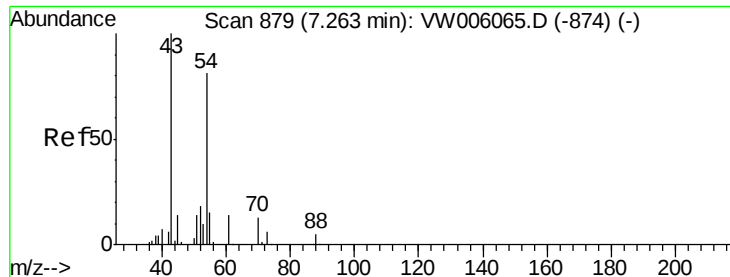


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

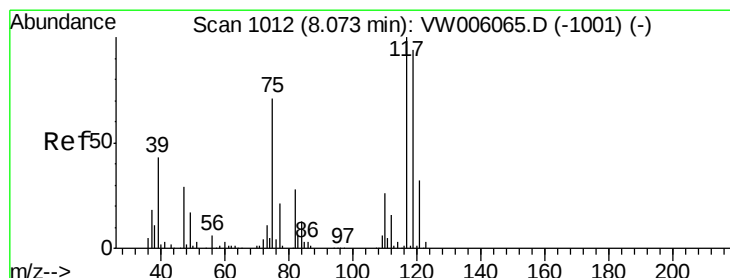
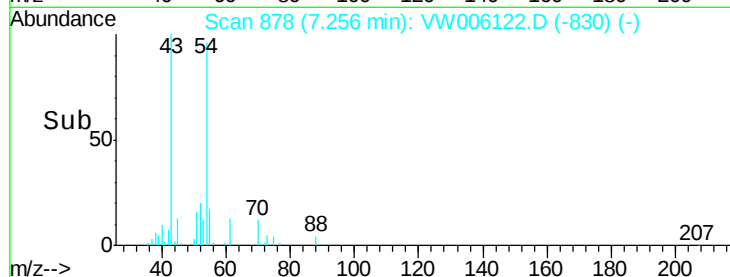
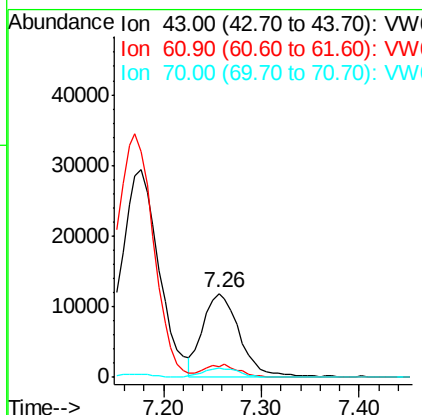
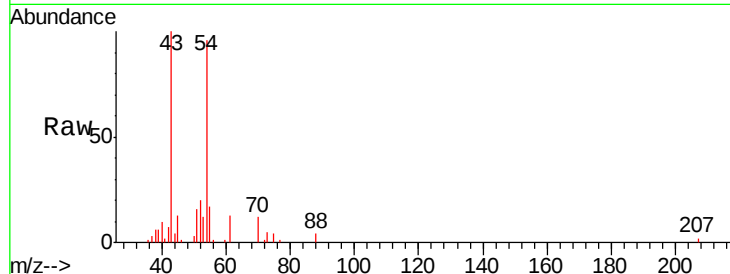




#37
Ethyl Acetate
Concen: 19.55 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

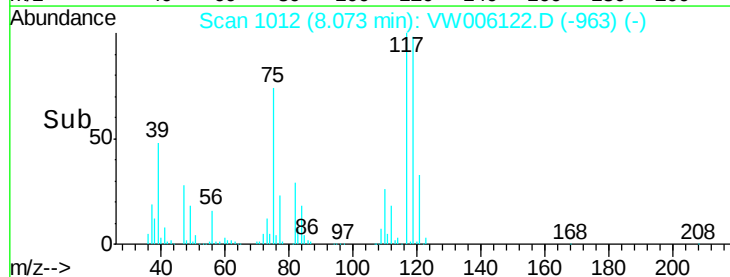
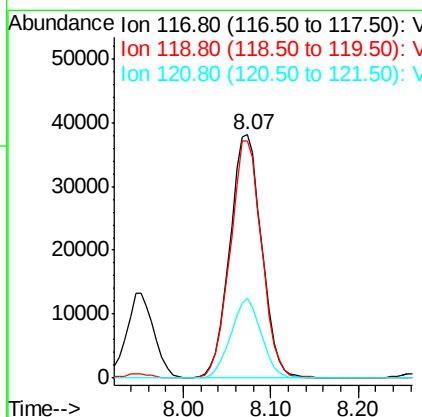
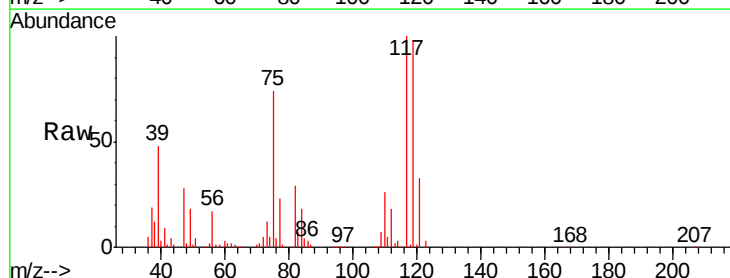
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

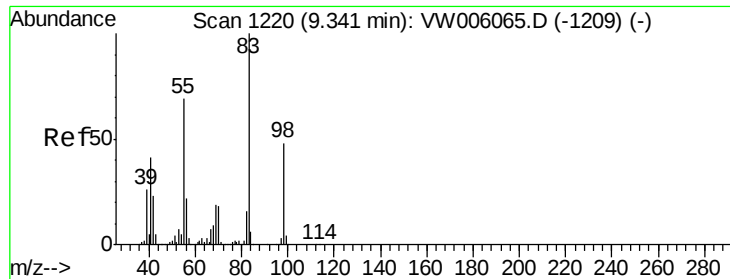
Tgt Ion: 43 Resp: 30607
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.91 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 117 Resp: 96612
Ion Ratio Lower Upper
117 100
119 97.6 75.2 112.8
121 32.8 25.3 37.9

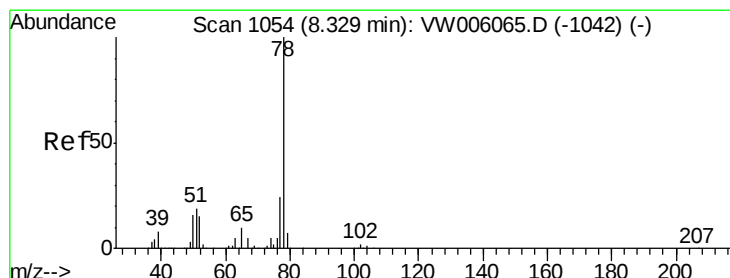
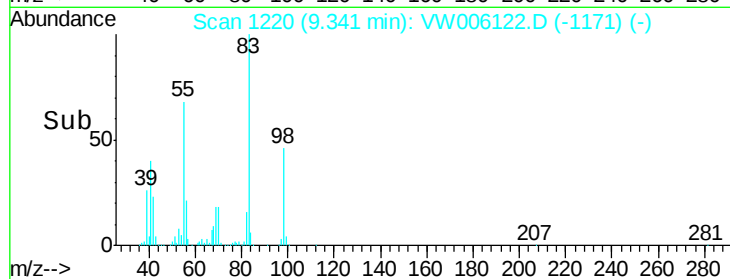
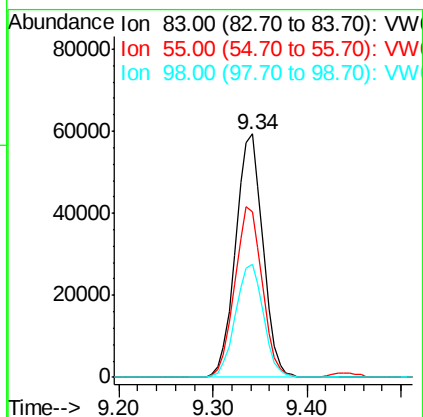
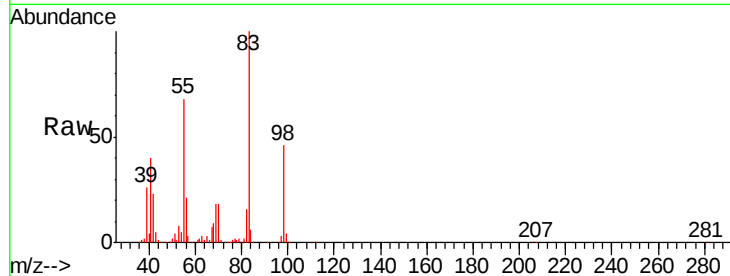




#39
Methylcyclohexane
Concen: 21.43 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

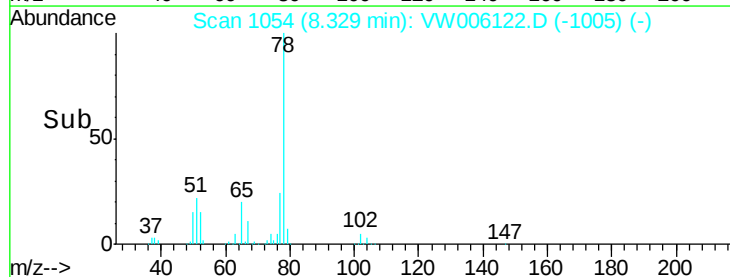
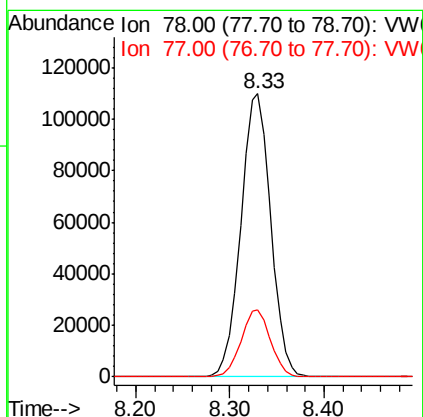
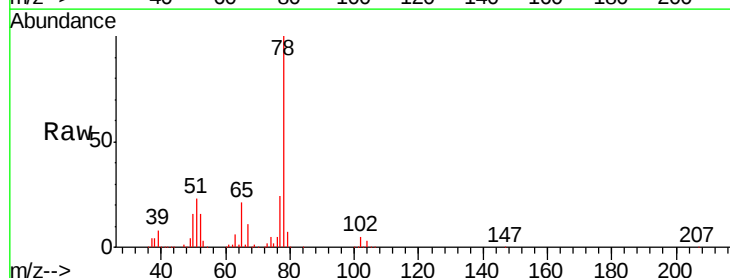
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

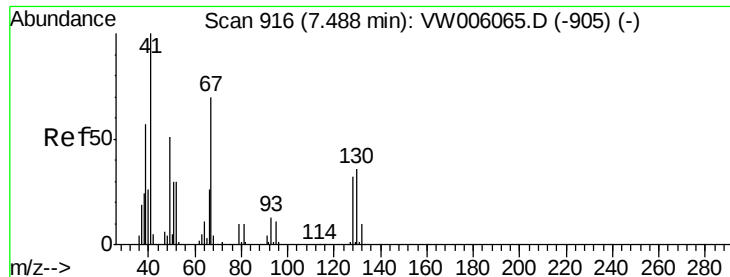
Tgt Ion: 83 Resp: 120047
Ion Ratio Lower Upper
83 100
55 67.9 55.0 82.6
98 46.3 38.6 57.8



#40
Benzene
Concen: 21.03 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 78 Resp: 243069
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

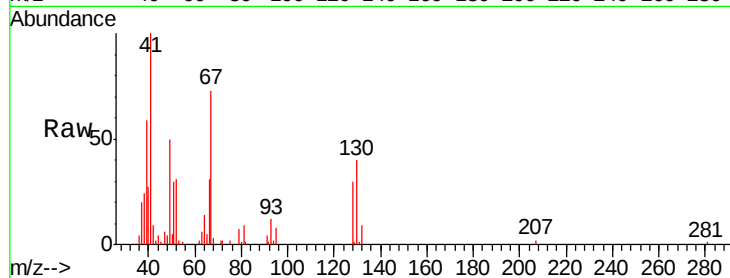




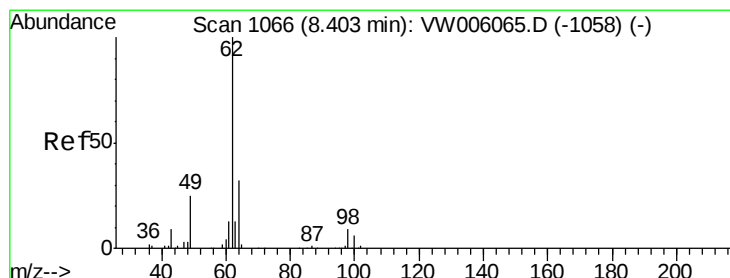
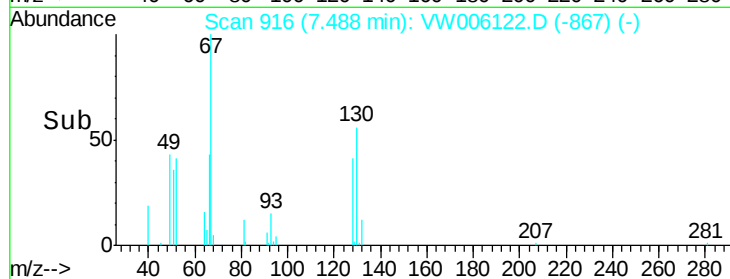
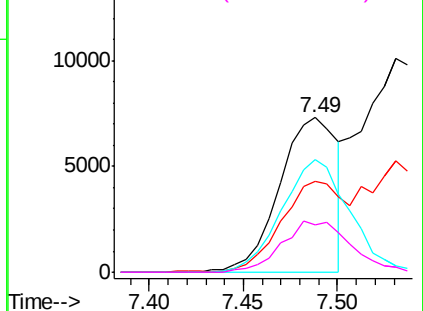
#41
Methacrylonitrile
Concen: 16.50 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tgt Ion: 41 Resp: 15575
Ion Ratio Lower Upper
41 100
39 64.9 46.2 69.4
67 85.2 57.7 86.5
52 39.0 24.7 37.1#

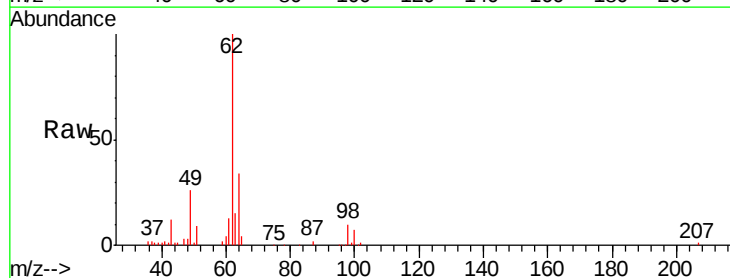


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

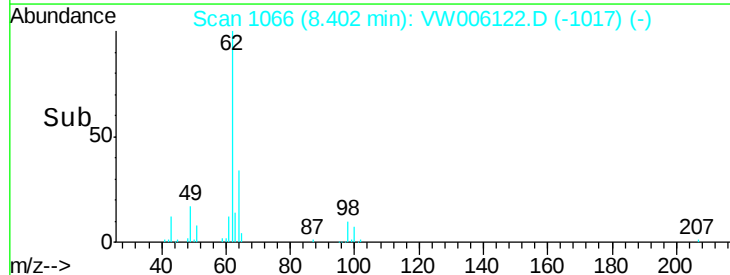
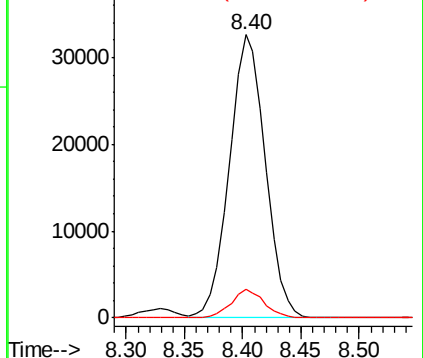


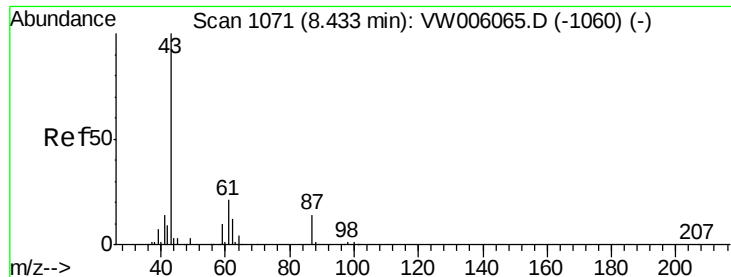
#42
1,2-Dichloroethane
Concen: 20.61 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 62 Resp: 70004
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 19.13 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

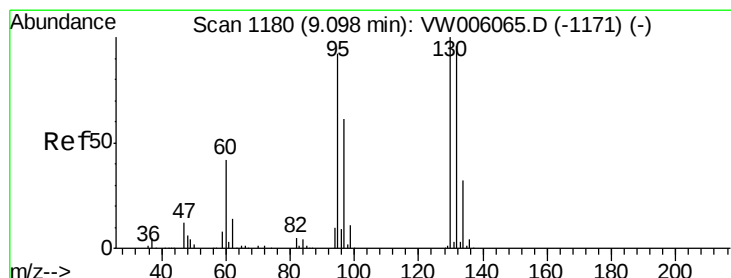
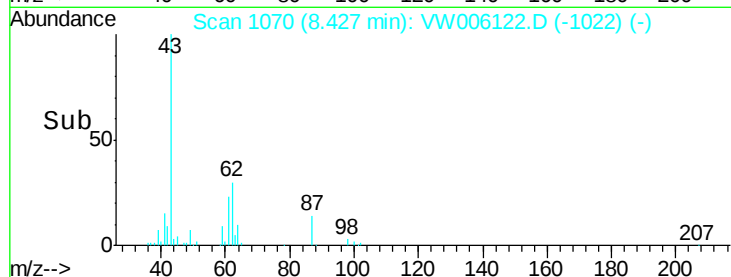
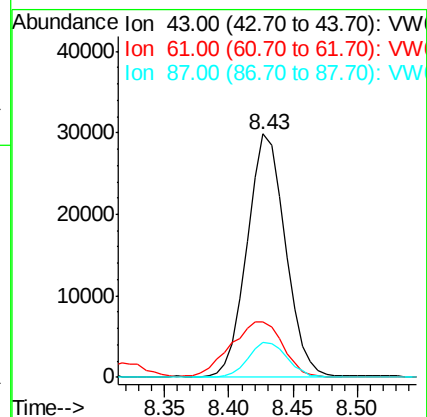
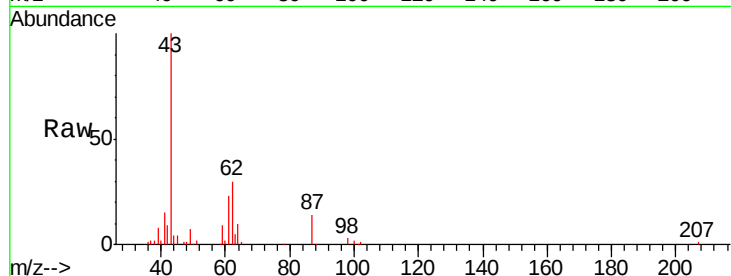
Tgt Ion: 43 Resp: 61261

Ion Ratio Lower Upper

43 100

61 31.8 25.5 38.3

87 14.8 11.7 17.5



#44

Trichloroethene

Concen: 21.15 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006122.D

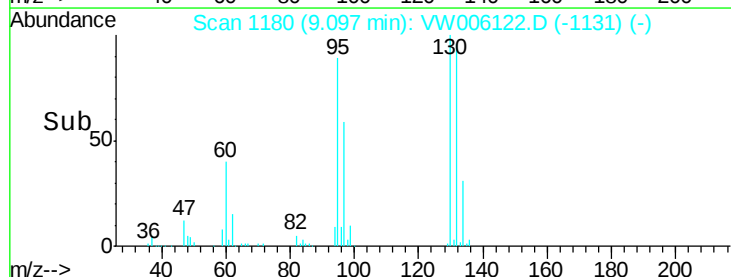
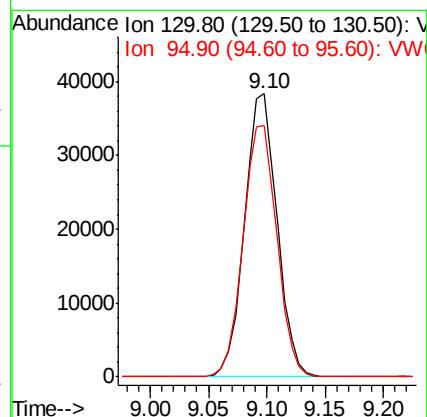
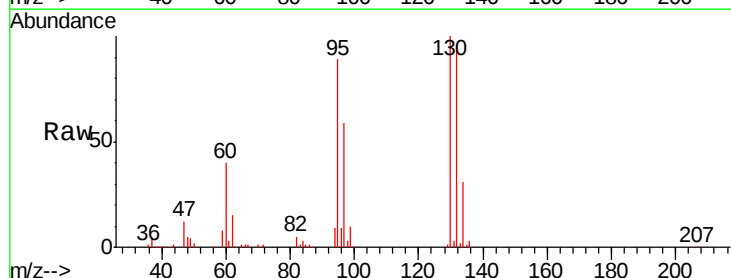
Acq: 17 Oct 2018 13:27

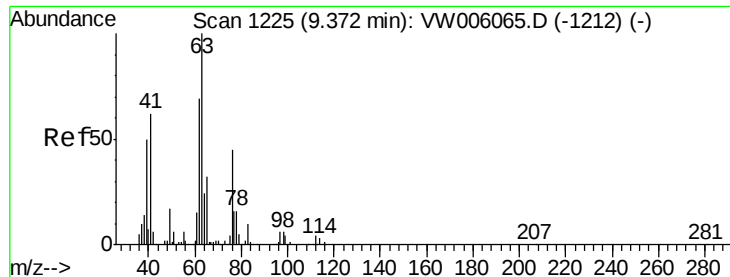
Tgt Ion: 130 Resp: 74999

Ion Ratio Lower Upper

130 100

95 88.6 0.0 183.2

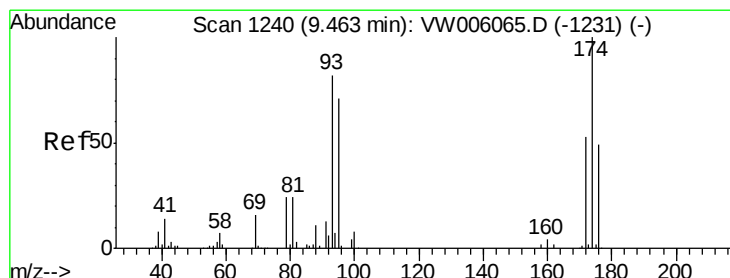
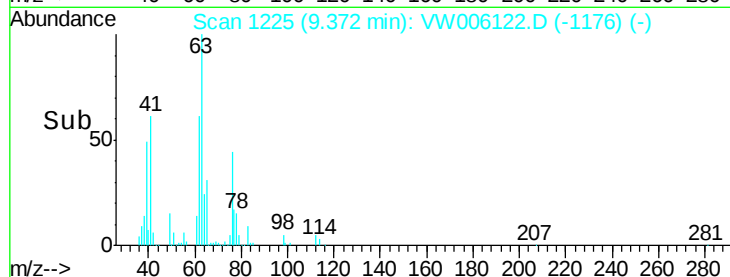
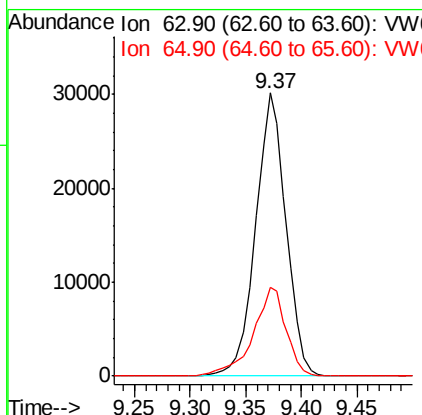
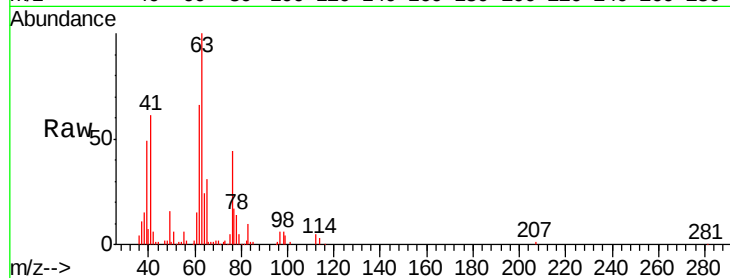




#45
 1,2-Dichloropropane
 Concen: 20.70 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

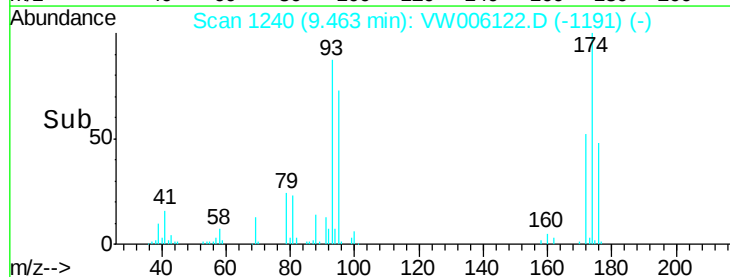
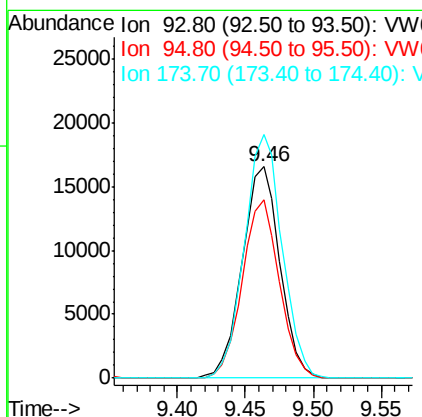
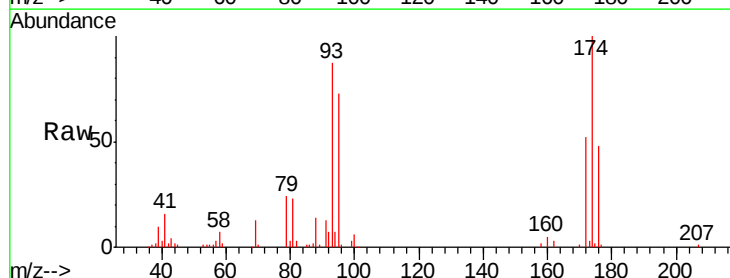
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

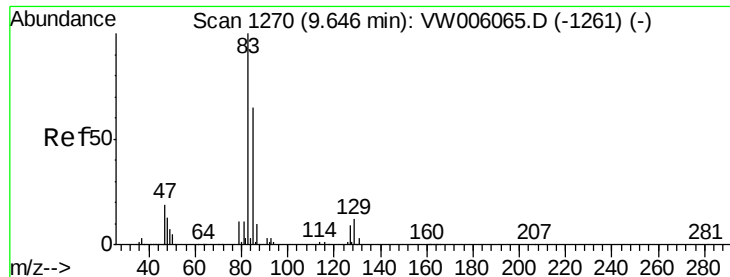
Tgt Ion: 63 Resp: 57264
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.4 38.0



#46
 Dibromomethane
 Concen: 20.37 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion: 93 Resp: 32124
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.7 101.5
 174 115.7 93.7 140.5





#47

Bromodichloromethane

Concen: 20.22 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

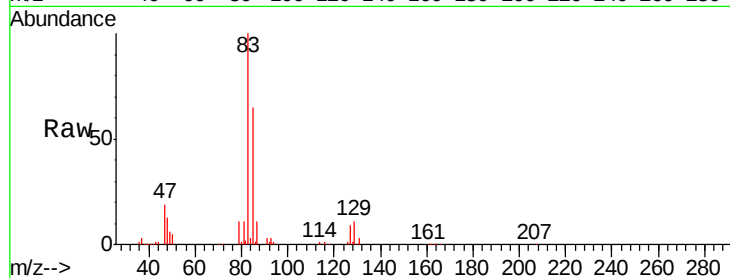
Tgt Ion: 83 Resp: 77303

Ion Ratio Lower Upper

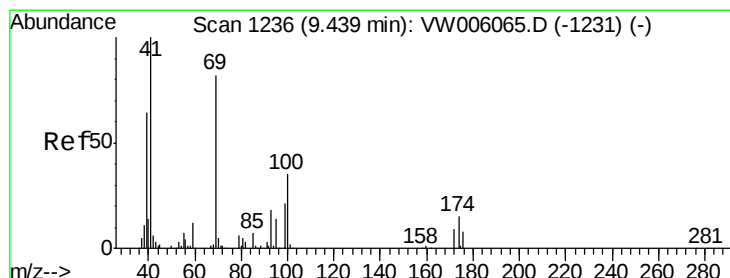
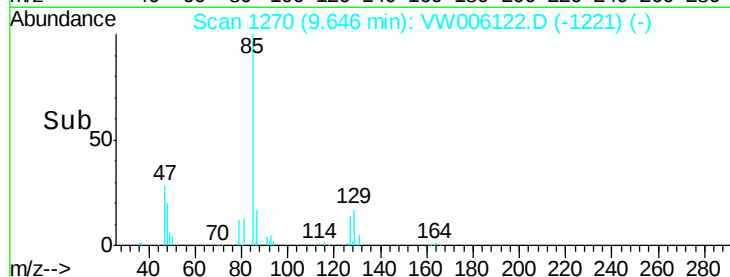
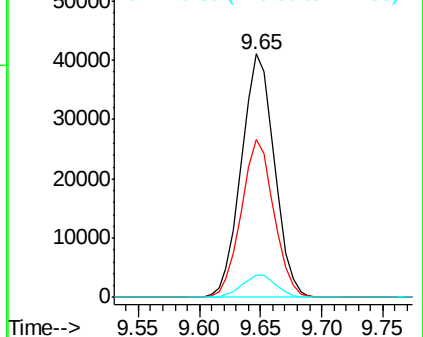
83 100

85 65.1 51.8 77.8

127 9.2 6.9 10.3



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



#48

Methyl methacrylate

Concen: 19.50 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

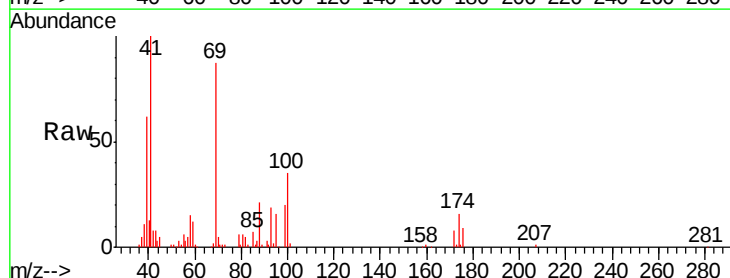
Tgt Ion: 41 Resp: 29599

Ion Ratio Lower Upper

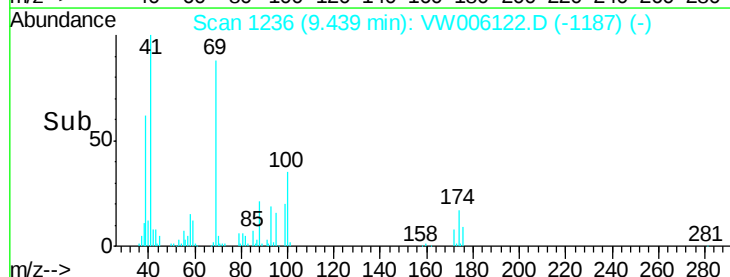
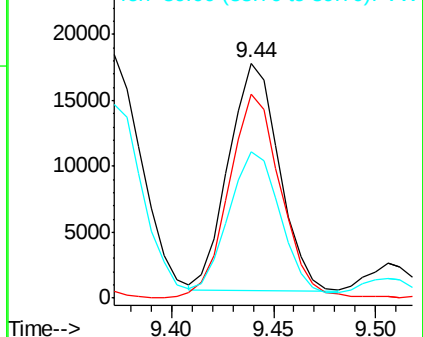
41 100

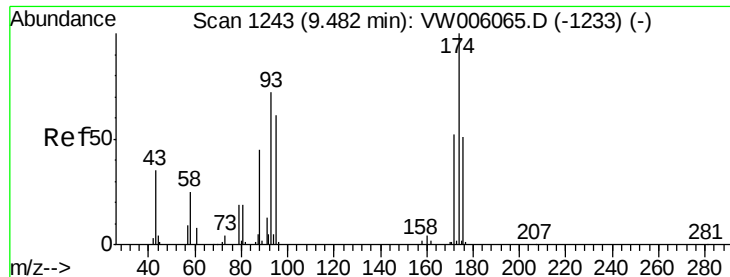
69 93.0 71.8 107.8

39 62.7 52.5 78.7



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





#49

1,4-Dioxane

Concen: 418.04 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.03 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

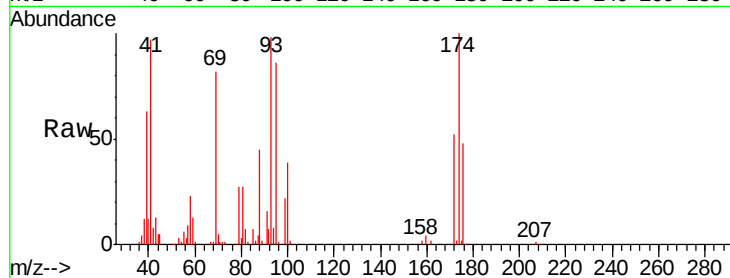
Tgt Ion: 88 Resp: 10147

Ion Ratio Lower Upper

88 100

43 32.2 0.0 0.0#

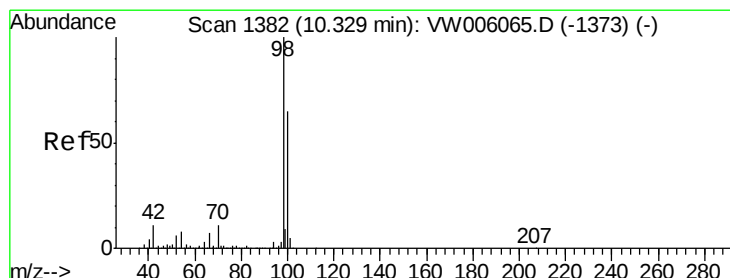
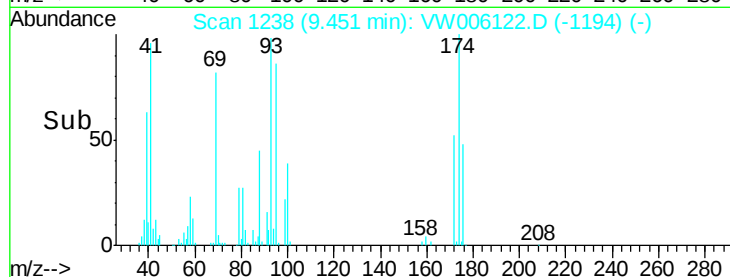
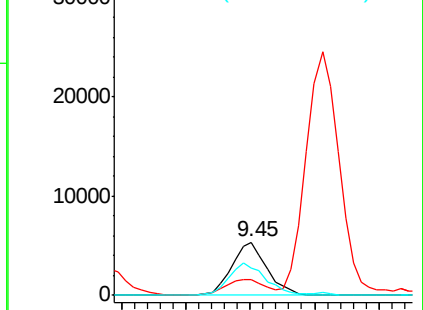
58 64.3 51.2 76.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.22 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006122.D

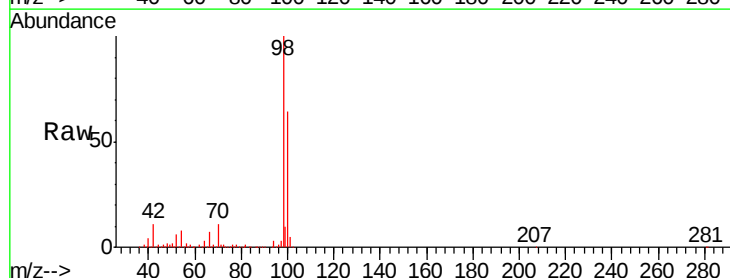
Acq: 17 Oct 2018 13:27

Tgt Ion: 98 Resp: 505928

Ion Ratio Lower Upper

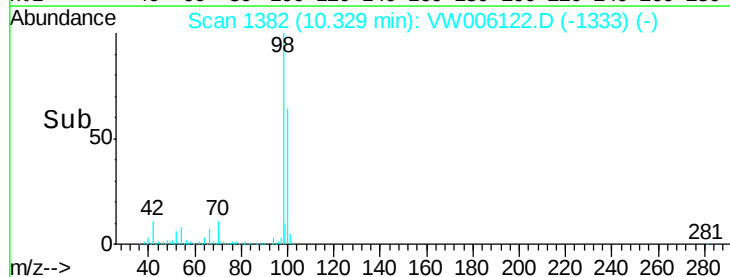
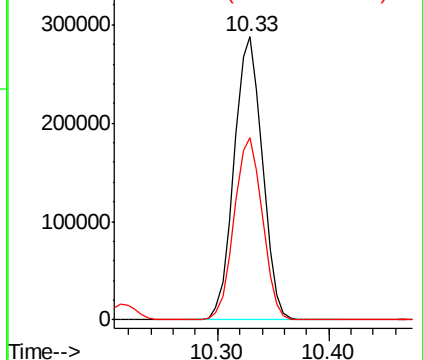
98 100

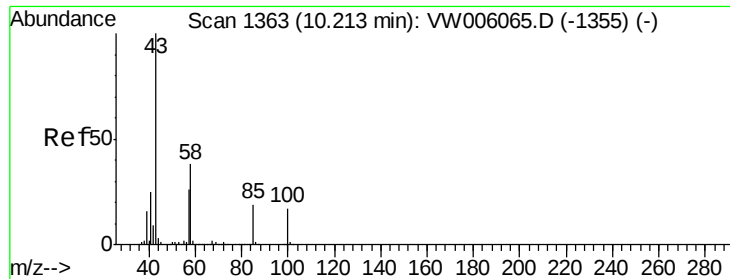
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

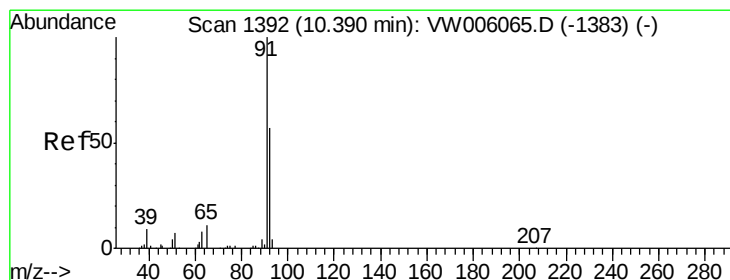
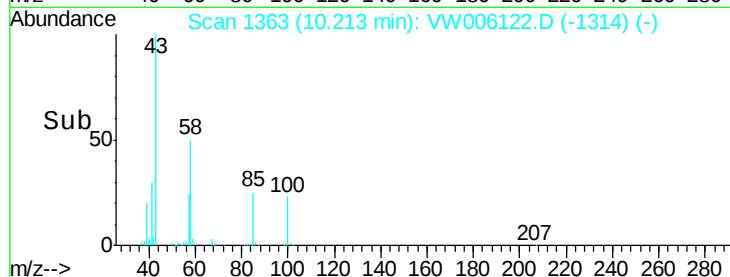
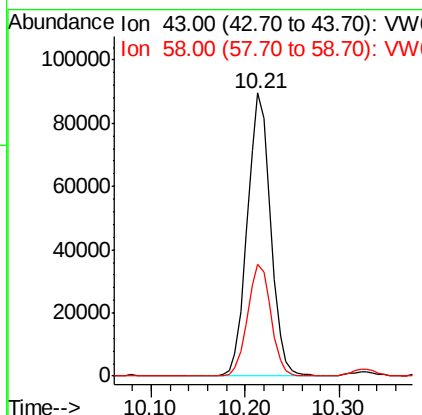
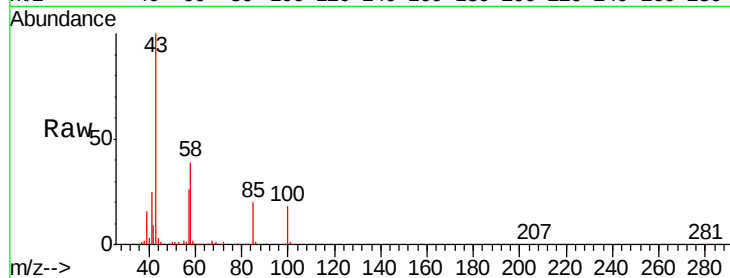




#51
 4-Methyl-2-Pentanone
 Concen: 96.77 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

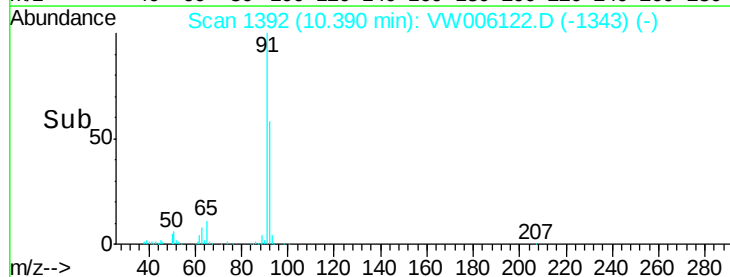
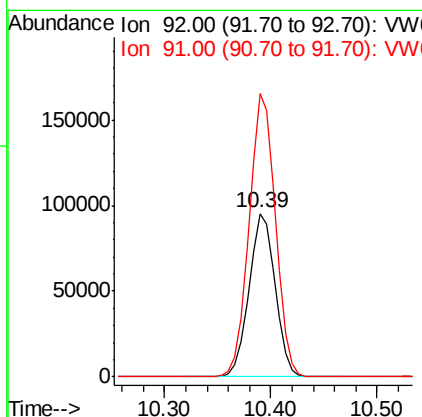
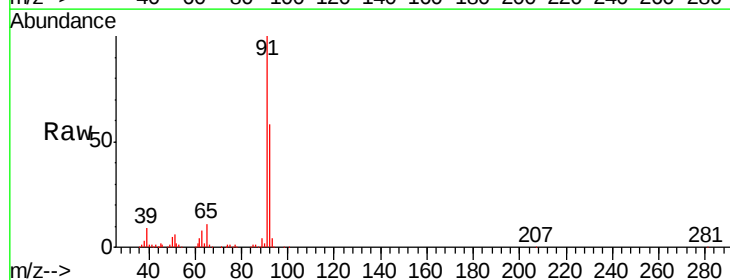
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

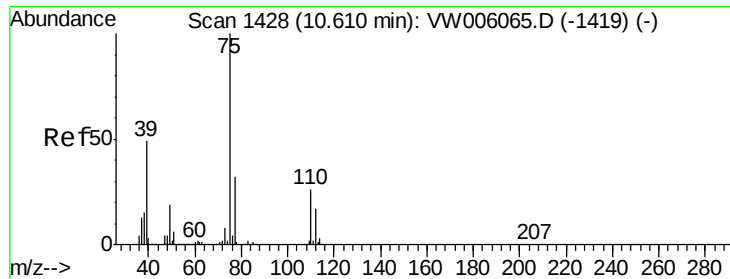
Tgt Ion: 43 Resp: 155239
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.5 47.3



#52
 Toluene
 Concen: 21.23 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion: 92 Resp: 164532
 Ion Ratio Lower Upper
 92 100
 91 174.1 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.56 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

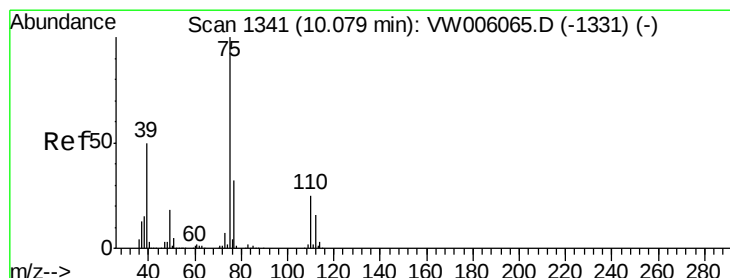
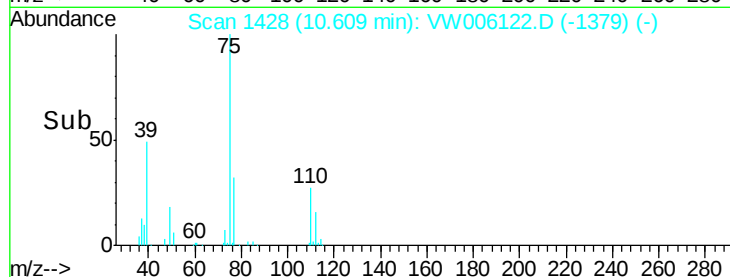
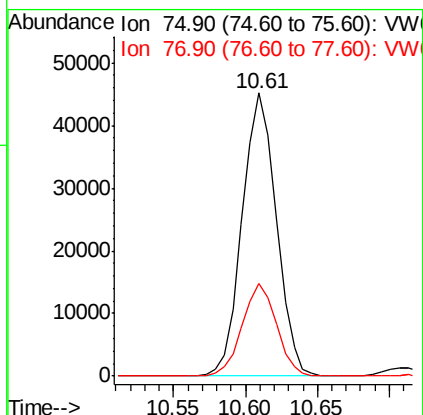
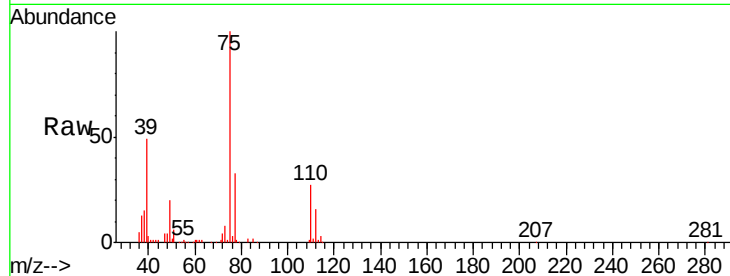
VW1017SBS01

Tgt Ion: 75 Resp: 74504

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.21 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

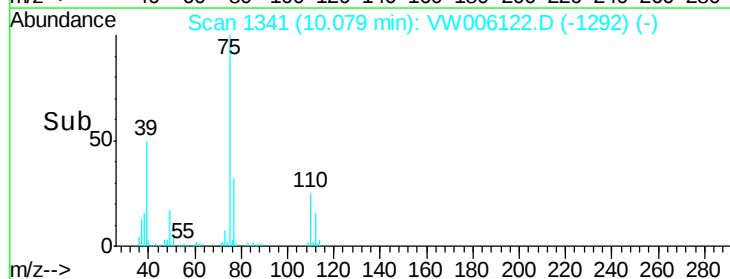
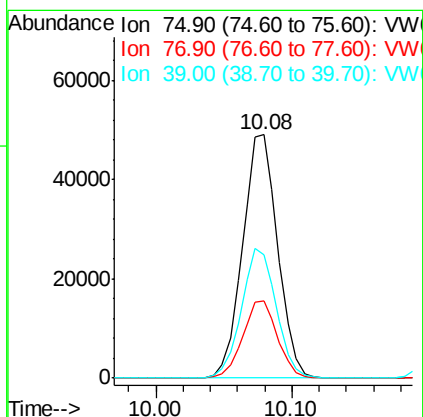
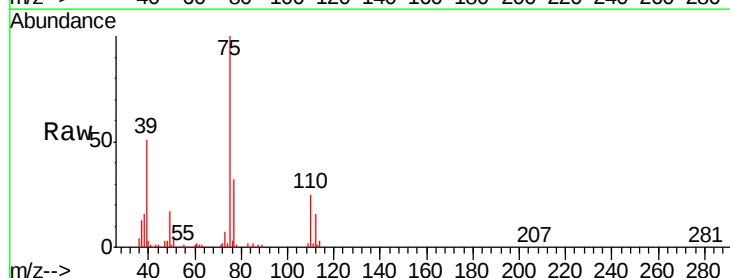
Tgt Ion: 75 Resp: 88322

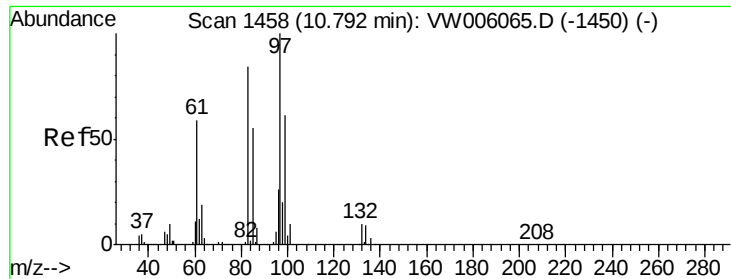
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 50.6 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 20.44 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tgt Ion: 97 Resp: 45100

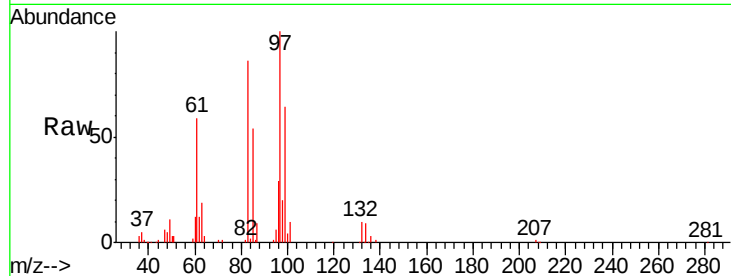
Ion Ratio Lower Upper

97 100

83 85.6 67.2 100.8

85 54.4 43.7 65.5

99 64.1 48.5 72.7

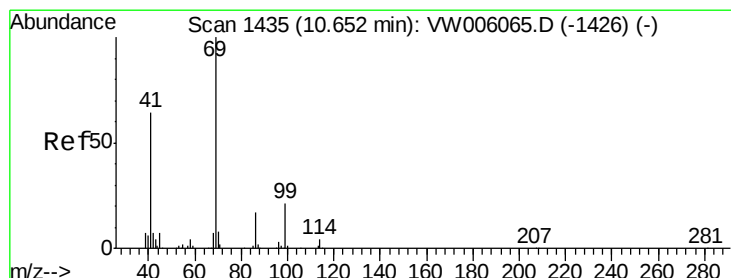
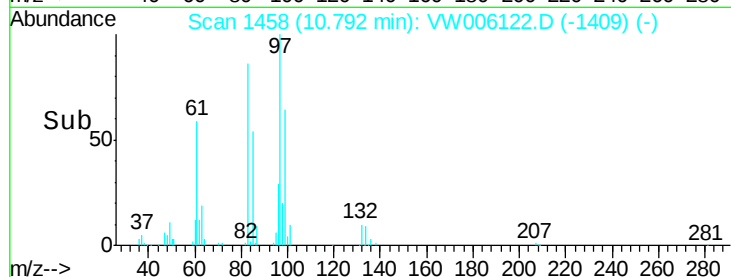
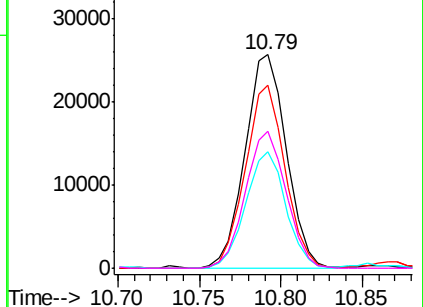


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 19.67 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

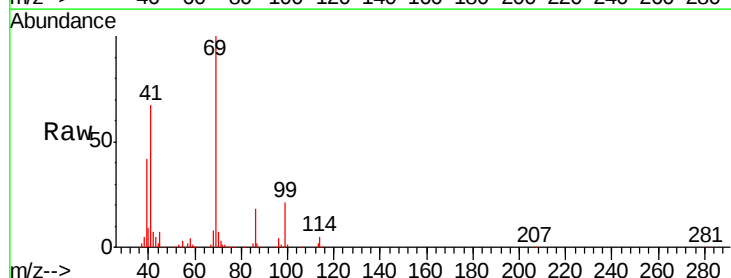
Tgt Ion: 69 Resp: 53215

Ion Ratio Lower Upper

69 100

41 65.8 52.8 79.2

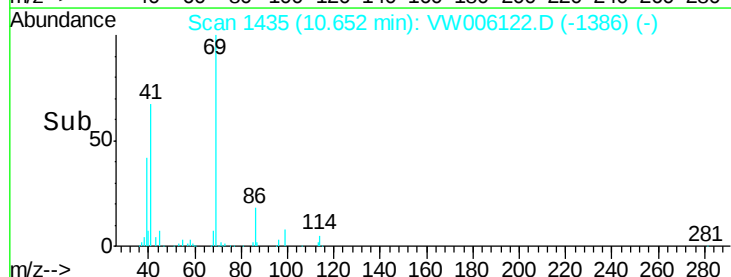
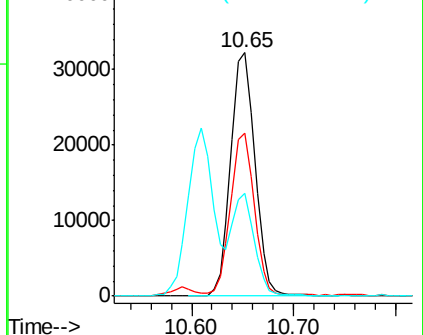
39 37.0 30.6 45.8

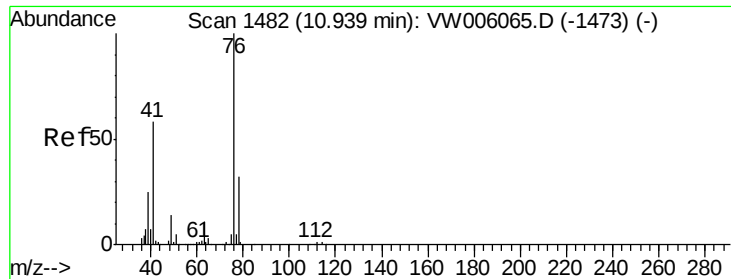


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

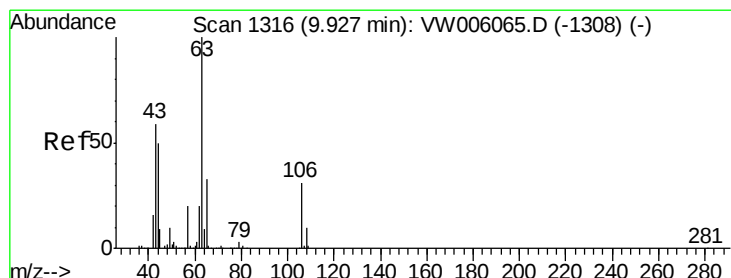
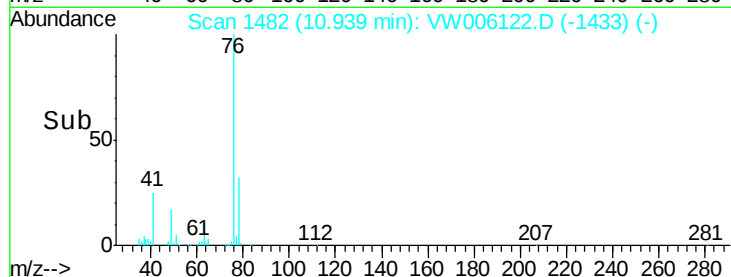
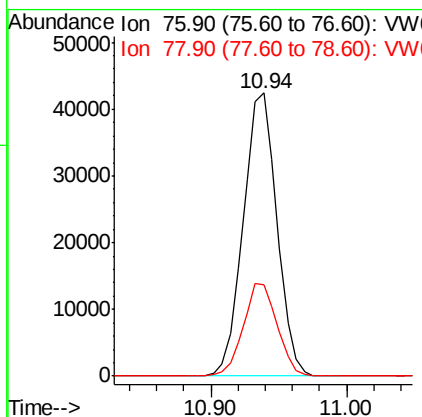
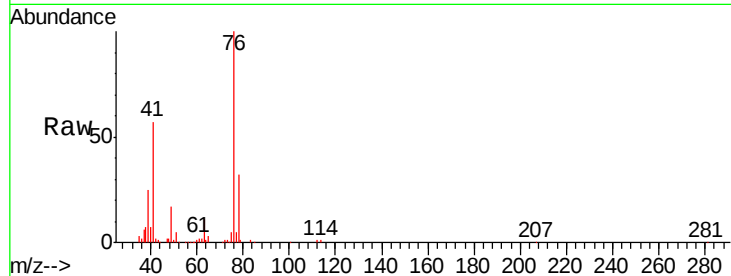




#57
 1,3-Dichloropropane
 Concen: 20.11 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

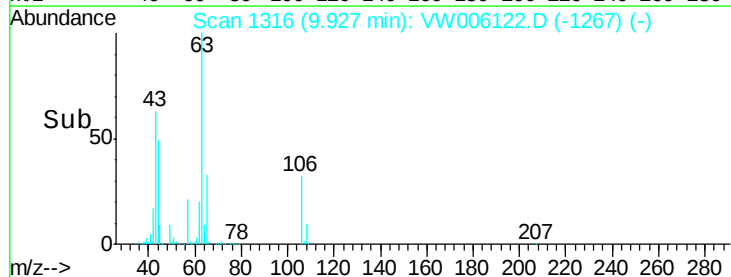
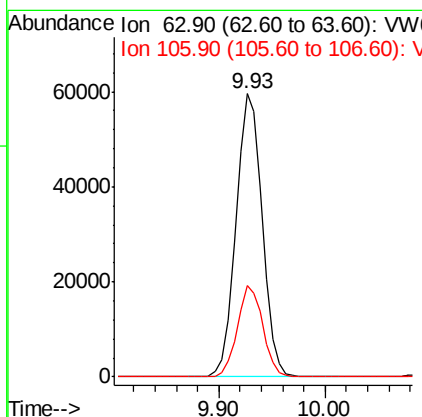
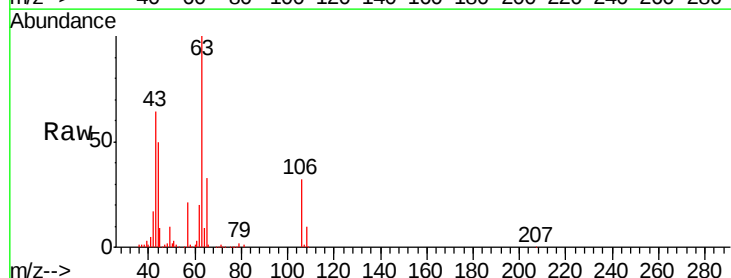
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

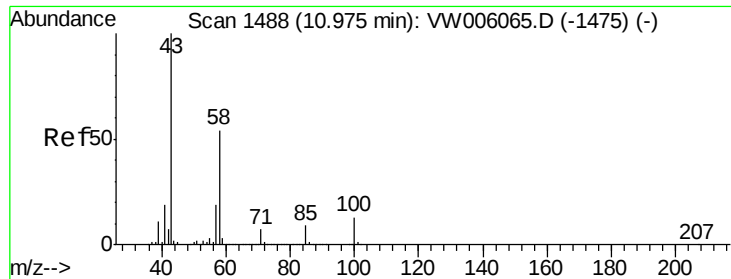
Tgt Ion: 76 Resp: 73468
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.40 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion: 63 Resp: 102737
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.5 36.7

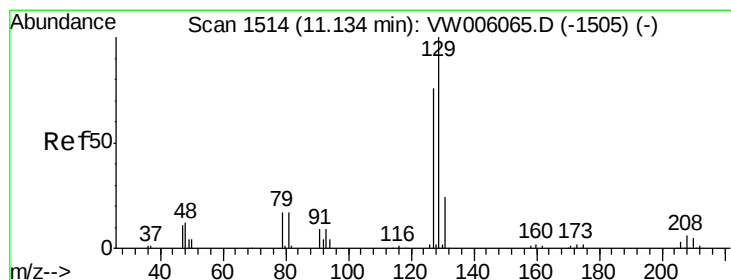
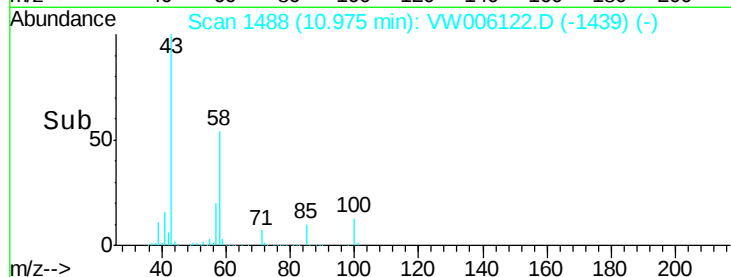
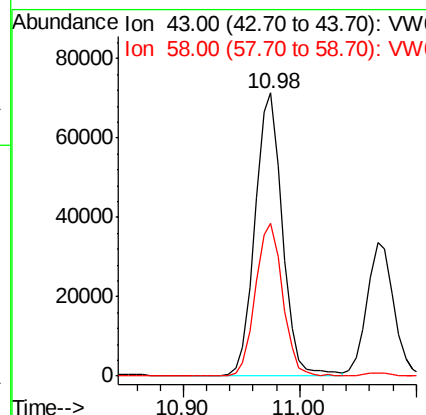
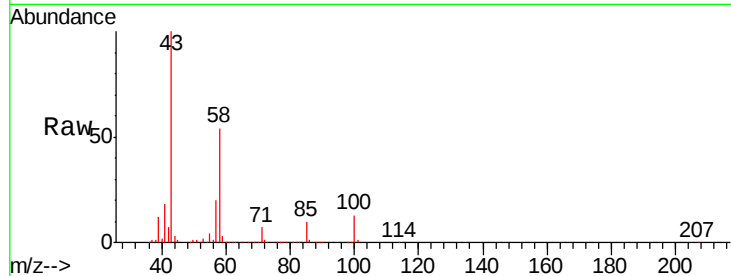




#59
2-Hexanone
Concen: 102.78 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

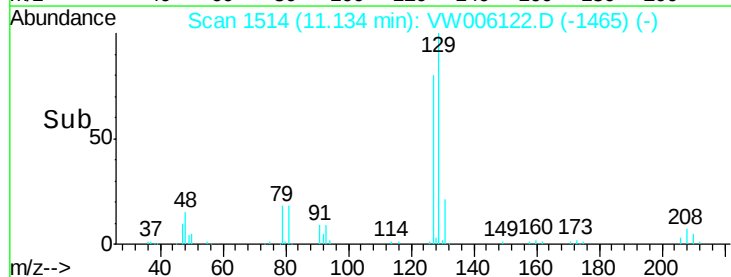
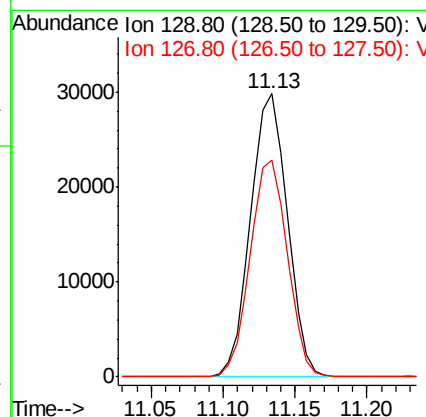
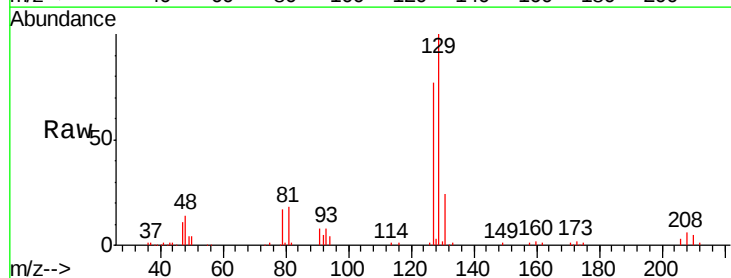
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

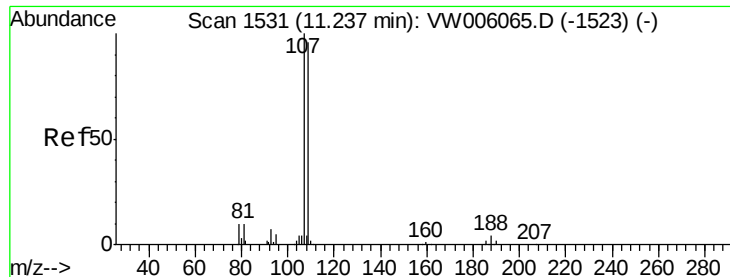
Tgt Ion: 43 Resp: 117689
Ion Ratio Lower Upper
43 100
58 53.4 26.9 80.6



#60
Dibromochloromethane
Concen: 19.24 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 129 Resp: 52873
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 19.91 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

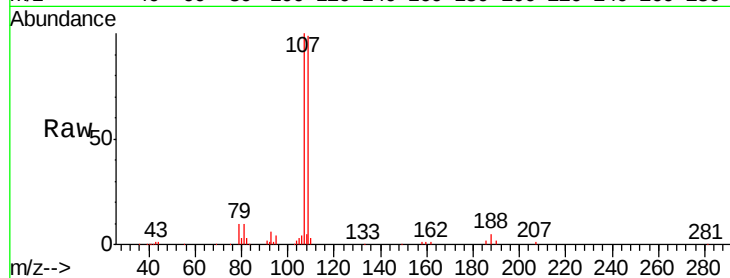
VW1017SBS01

Tgt Ion: 107 Resp: 43901

Ion Ratio Lower Upper

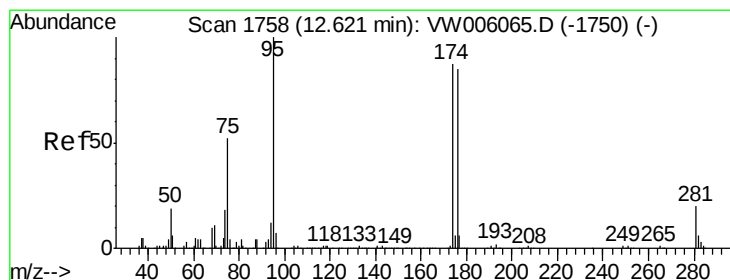
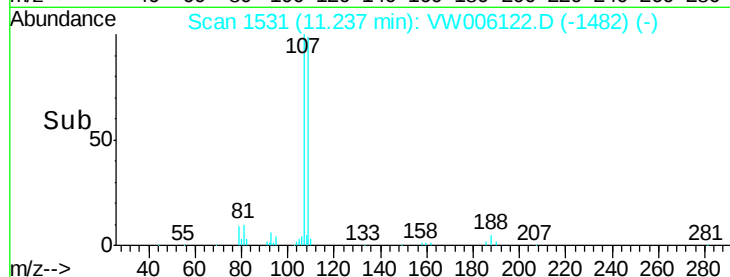
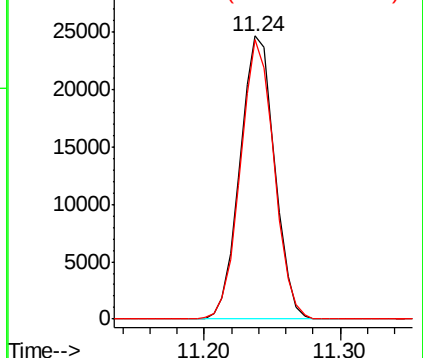
107 100

109 95.8 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.02 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

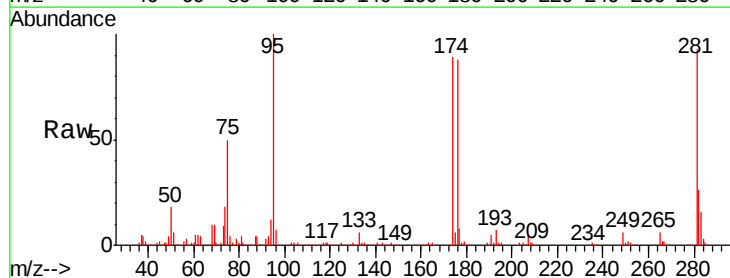
Tgt Ion: 95 Resp: 189271

Ion Ratio Lower Upper

95 100

174 93.9 0.0 186.0

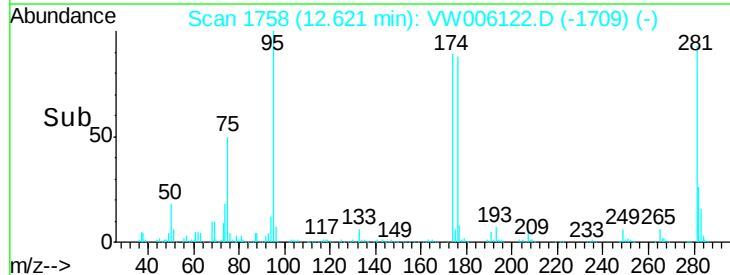
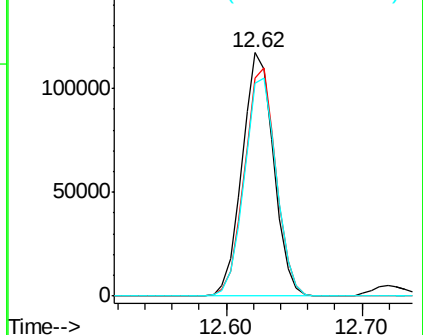
176 91.6 0.0 181.6

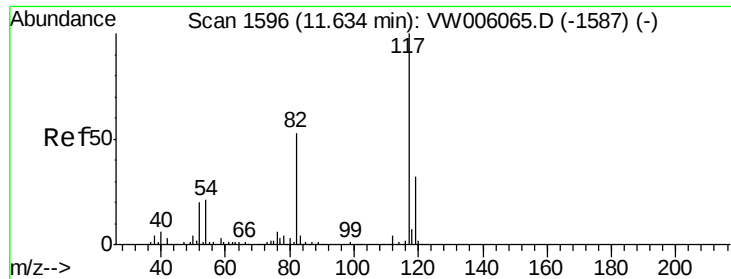


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

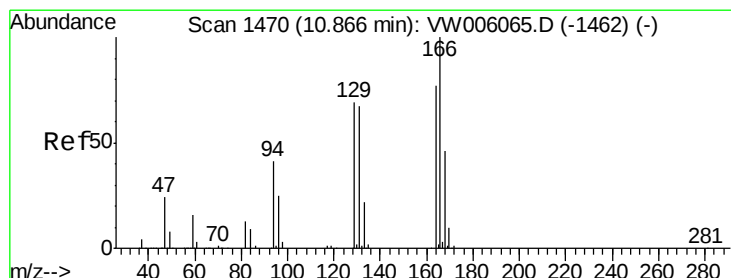
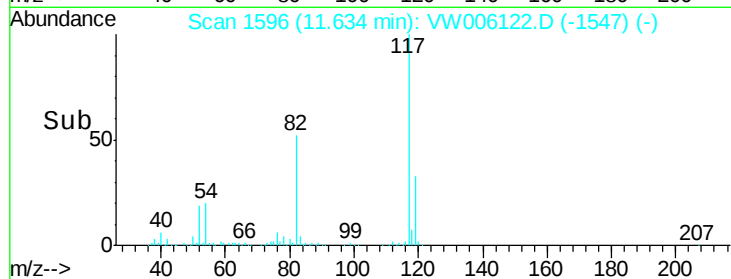
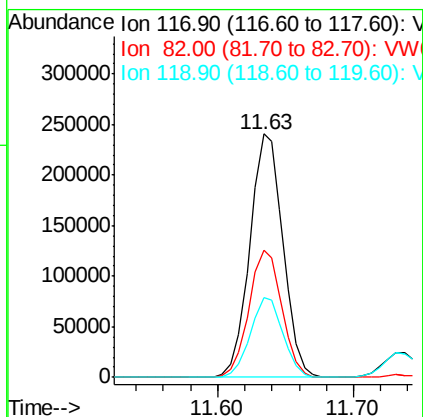
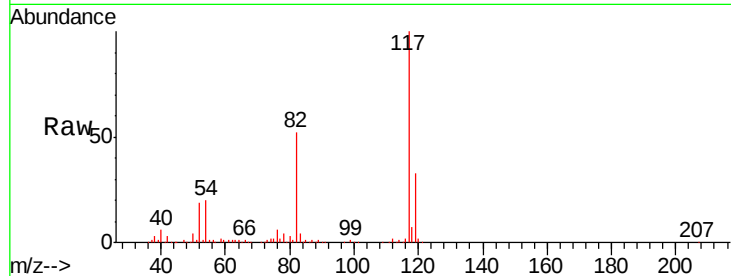




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

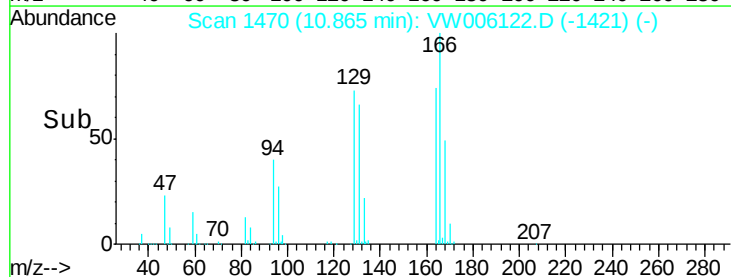
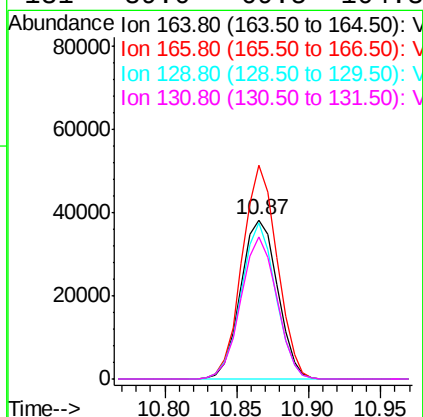
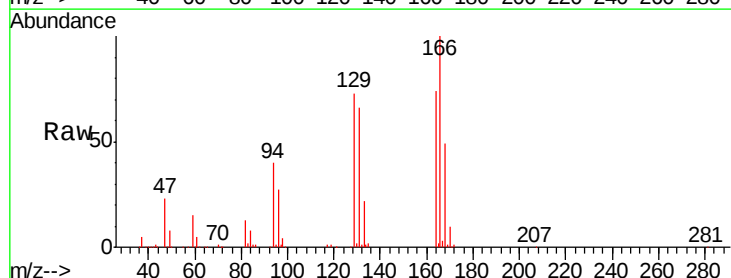
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

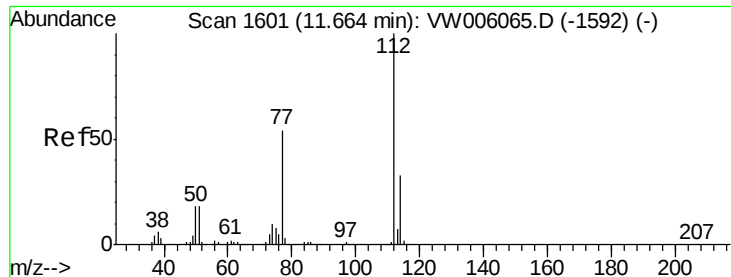
Tgt Ion:117 Resp: 410643
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 21.29 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion:164 Resp: 67861
Ion Ratio Lower Upper
164 100
166 134.3 103.4 155.0
129 98.2 71.8 107.8
131 89.0 69.5 104.3





#65

Chlorobenzene

Concen: 21.22 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

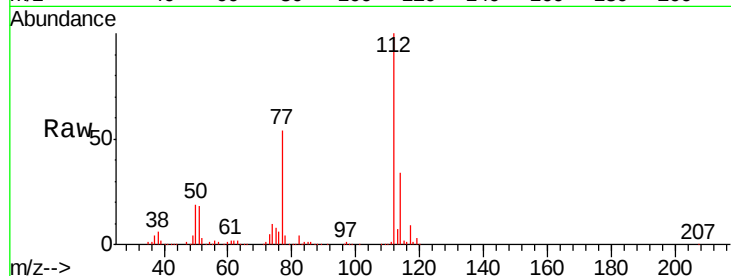
VW1017SBS01

Tgt Ion:112 Resp: 186562

Ion Ratio Lower Upper

112 100

114 33.6 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

120000

100000

80000

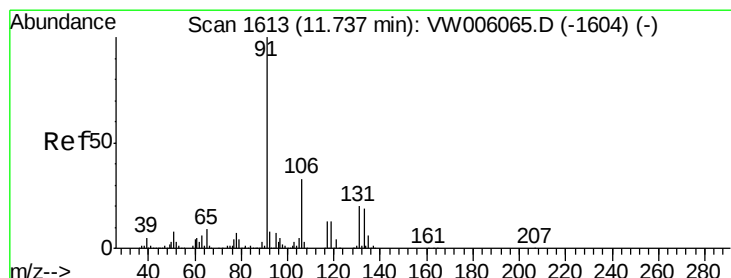
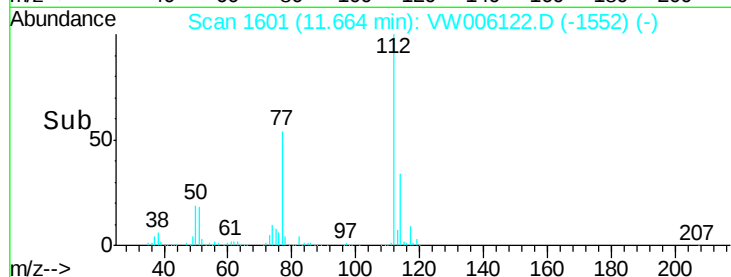
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.91 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

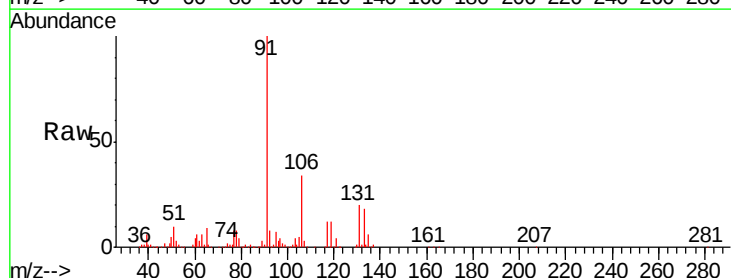
Tgt Ion:131 Resp: 65322

Ion Ratio Lower Upper

131 100

133 95.5 48.1 144.3

119 64.1 31.6 94.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

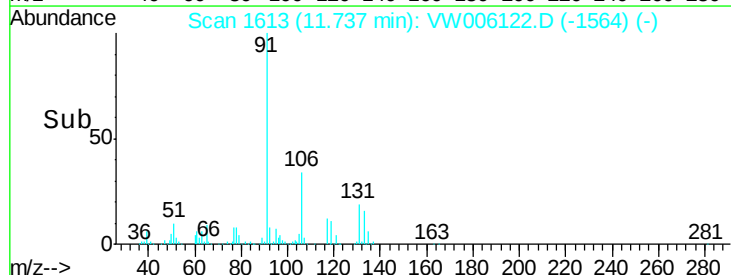
60000

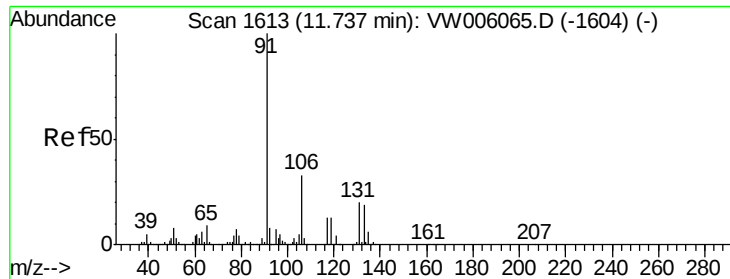
40000

20000

0

Time-->

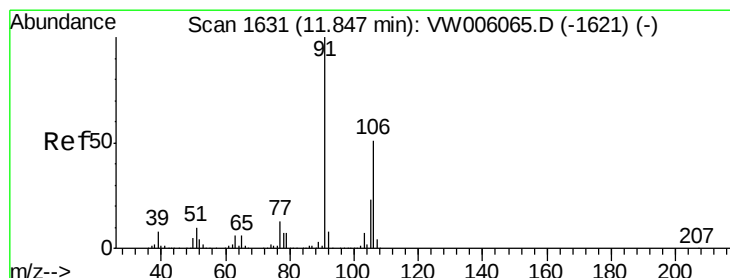
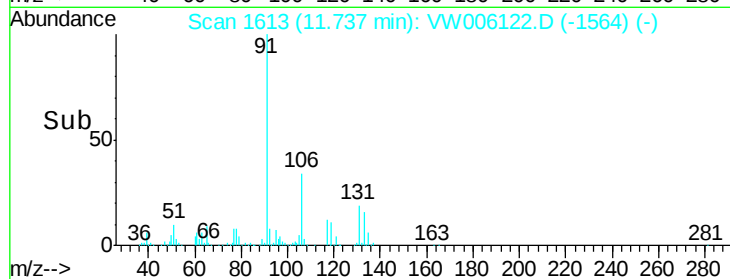
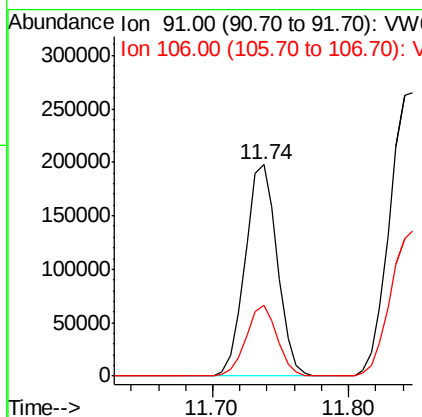
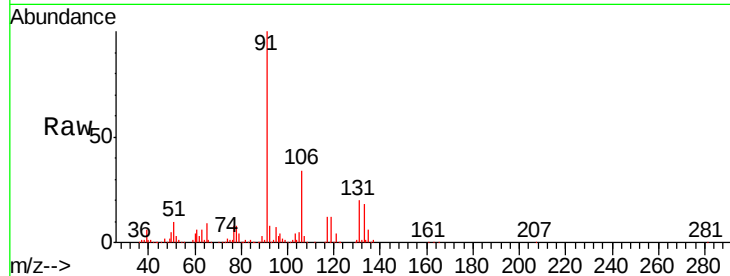




#67
Ethyl Benzene
Concen: 21.49 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

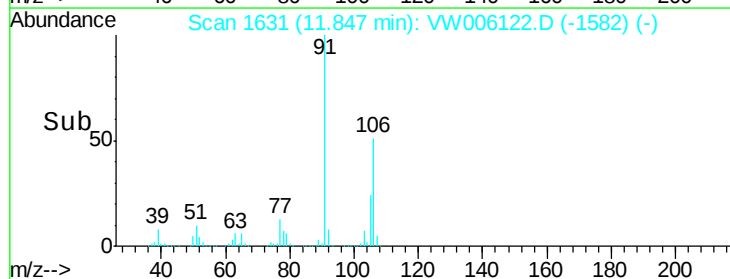
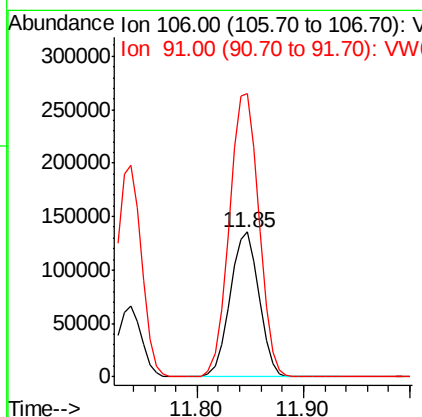
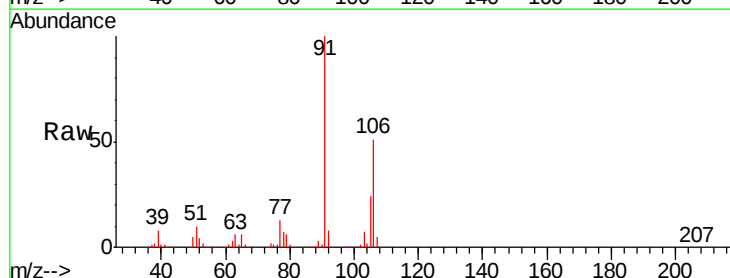
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tgt Ion: 91 Resp: 327316
Ion Ratio Lower Upper
91 100
106 33.5 26.1 39.1



#68
m/p-Xylenes
Concen: 42.86 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 106 Resp: 258051
Ion Ratio Lower Upper
106 100
91 200.0 159.1 238.7

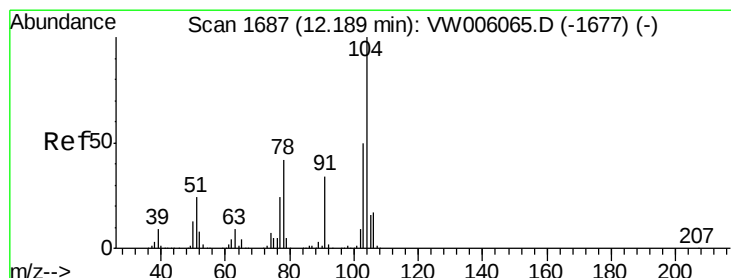
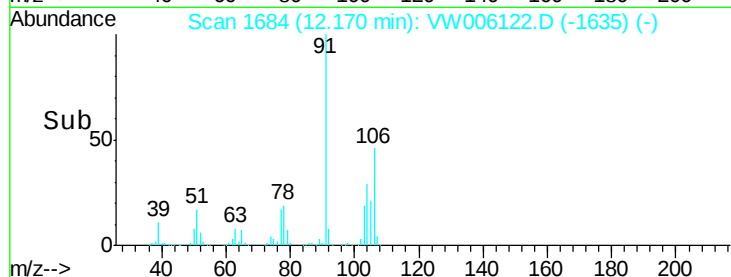
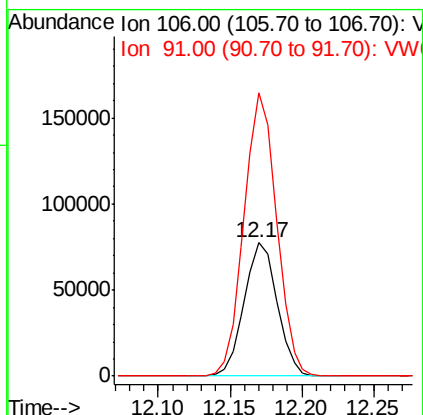
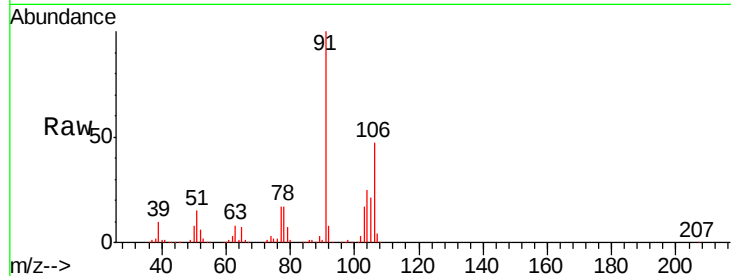




#69
o-Xylene
Concen: 21.40 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

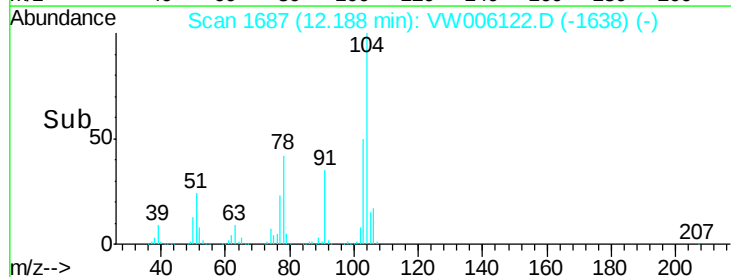
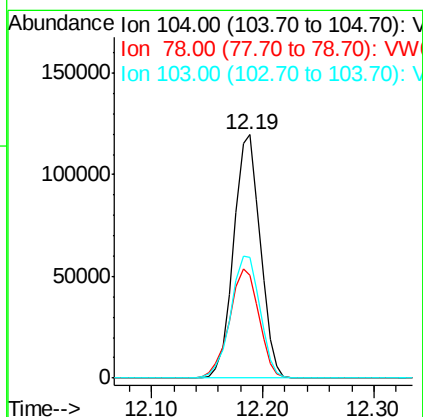
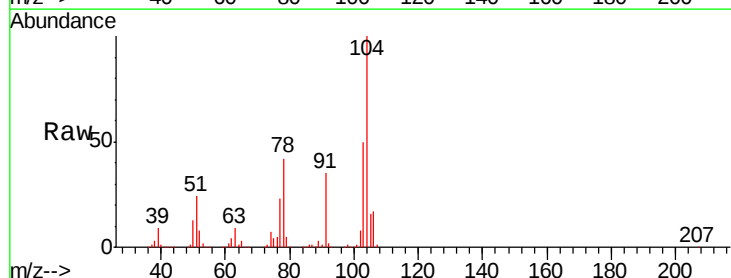
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tgt Ion:106 Resp: 122779
Ion Ratio Lower Upper
106 100
91 210.6 105.4 316.1



#70
Styrene
Concen: 21.21 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion:104 Resp: 197917
Ion Ratio Lower Upper
104 100
78 49.5 39.1 58.7
103 55.4 44.3 66.5





#71

Bromoform

Concen: 18.18 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

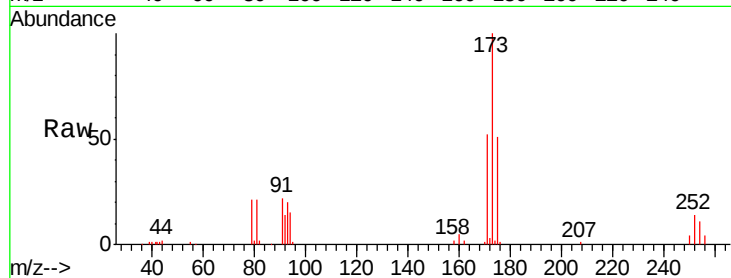
Tgt Ion:173 Resp: 31678

Ion Ratio Lower Upper

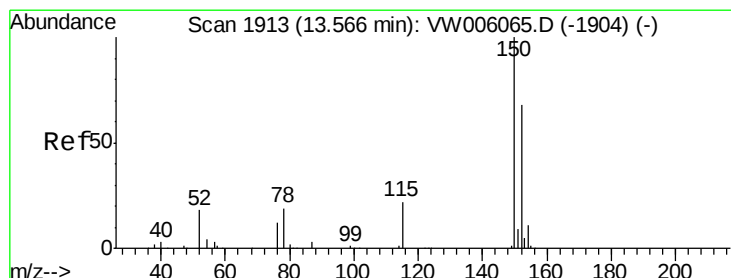
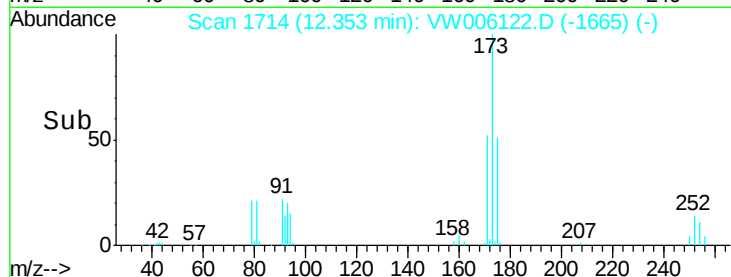
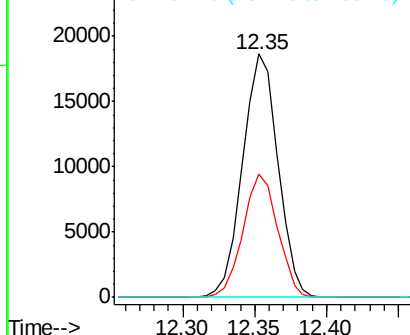
173 100

175 49.6 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

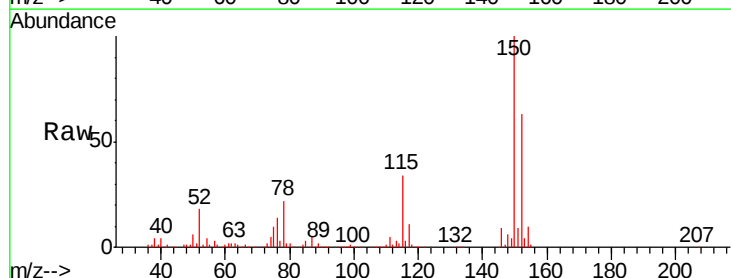
Tgt Ion:152 Resp: 231358

Ion Ratio Lower Upper

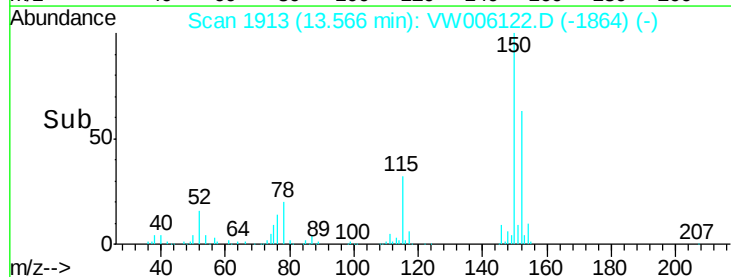
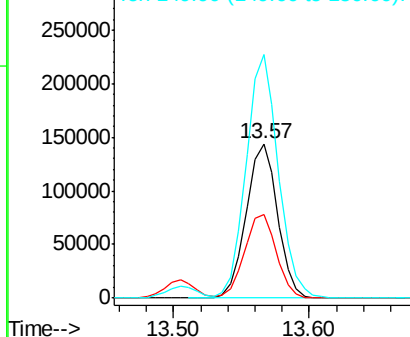
152 100

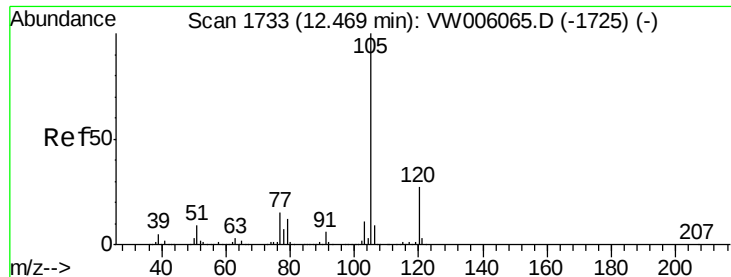
115 55.0 27.8 83.3

150 162.6 0.0 349.2



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: 21.36 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

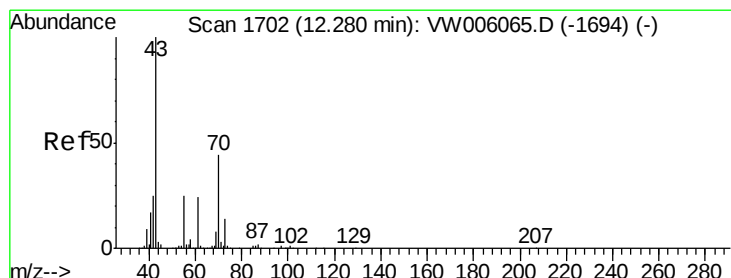
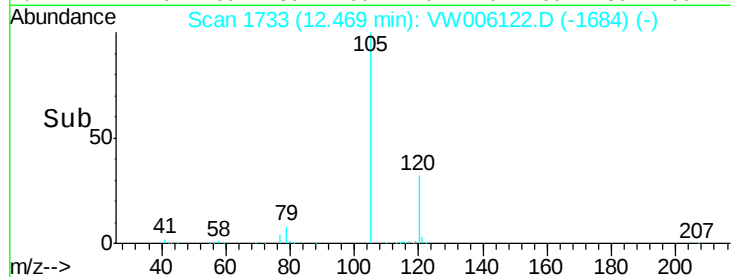
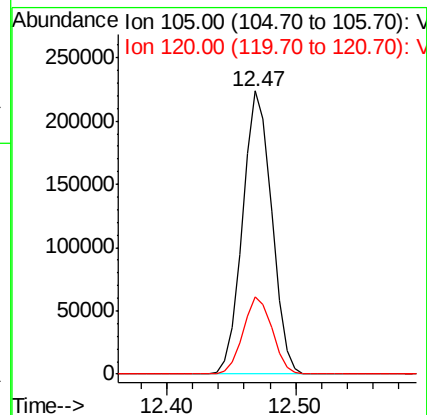
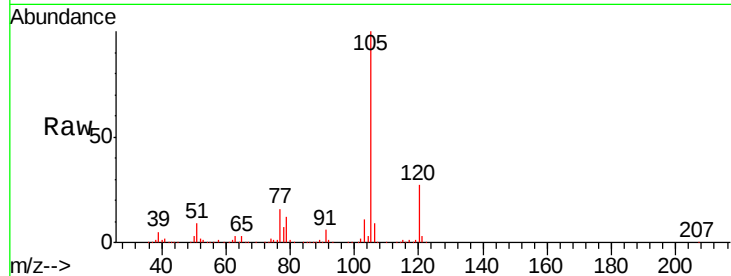
VW1017SBS01

Tgt Ion: 105 Resp: 349070

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



#74

N-ethyl acetate

Concen: 19.18 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Tgt Ion: 43 Resp: 60891

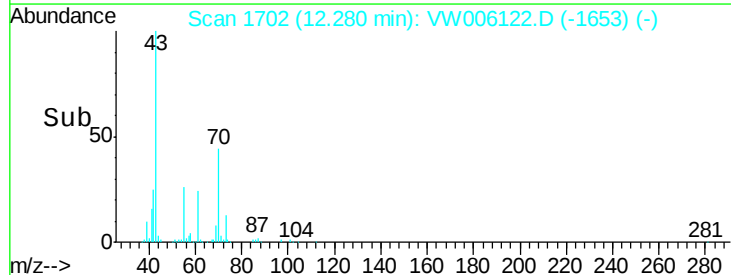
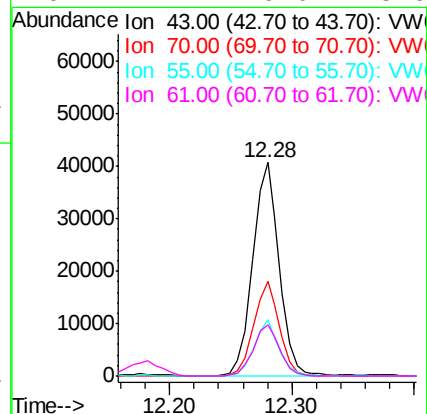
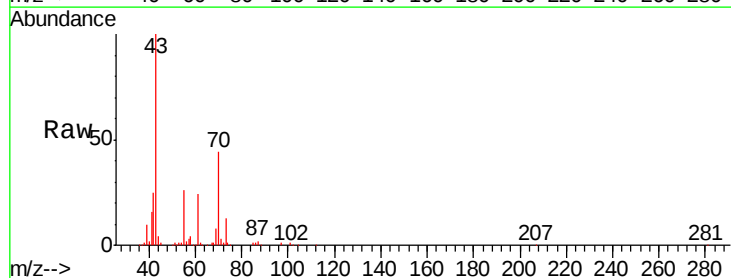
Ion Ratio Lower Upper

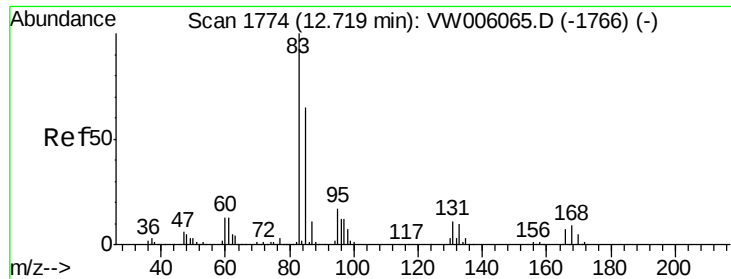
43 100

70 43.6 34.2 51.4

55 24.9 19.2 28.8

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.85 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

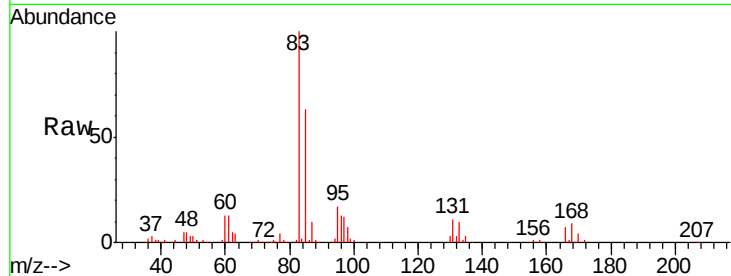
Tgt Ion: 83 Resp: 49339

Ion Ratio Lower Upper

83 100

131 12.2 5.9 17.7

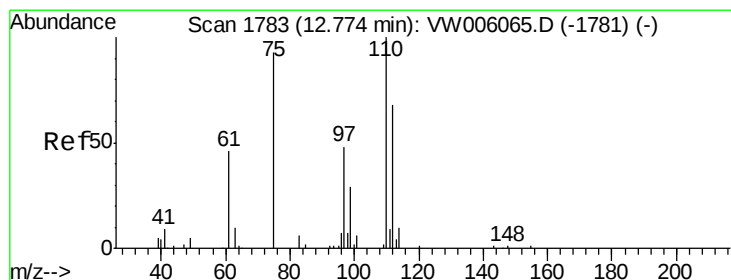
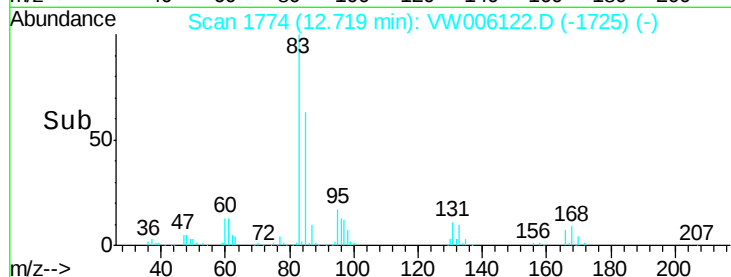
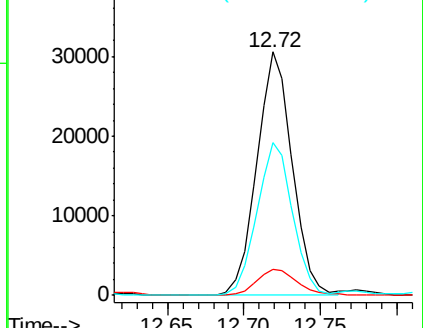
85 62.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.65 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006122.D

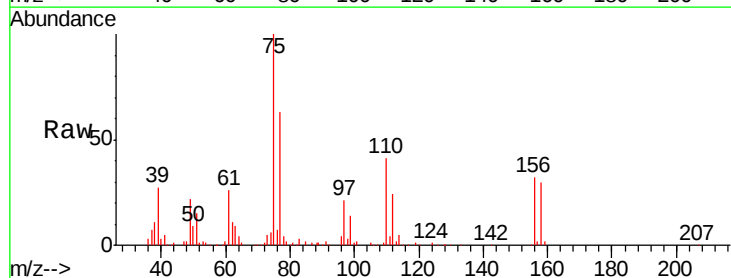
Acq: 17 Oct 2018 13:27

Tgt Ion: 75 Resp: 64767

Ion Ratio Lower Upper

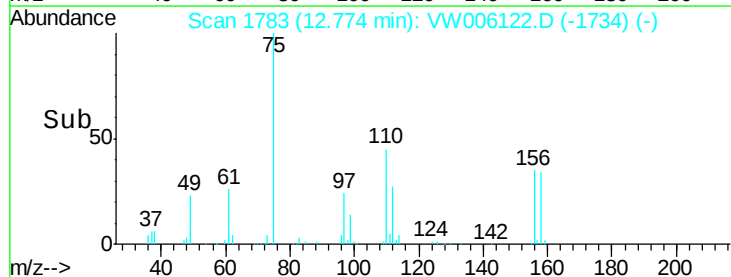
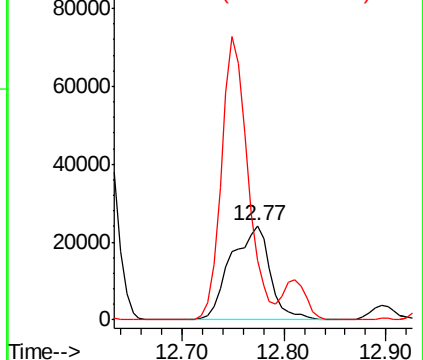
75 100

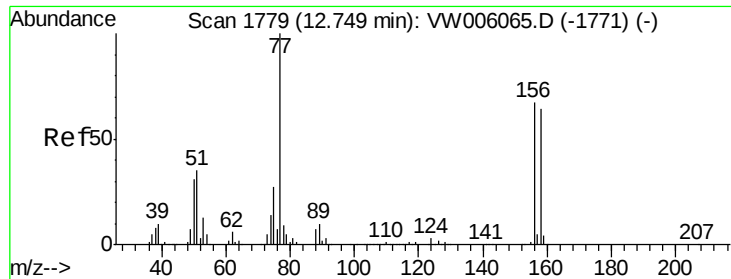
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

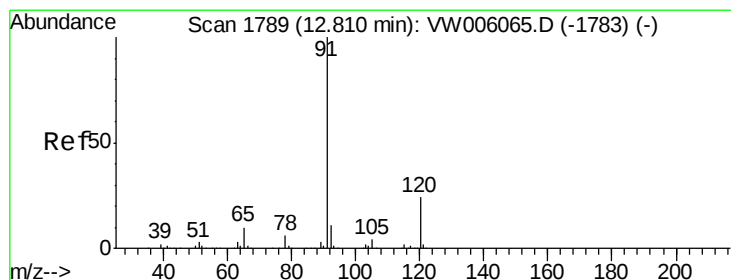
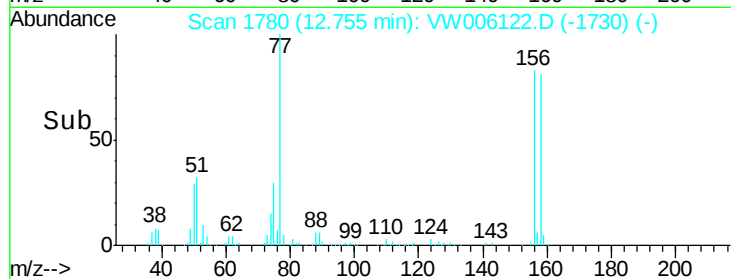
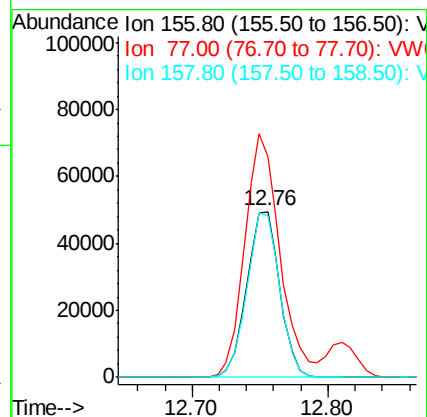
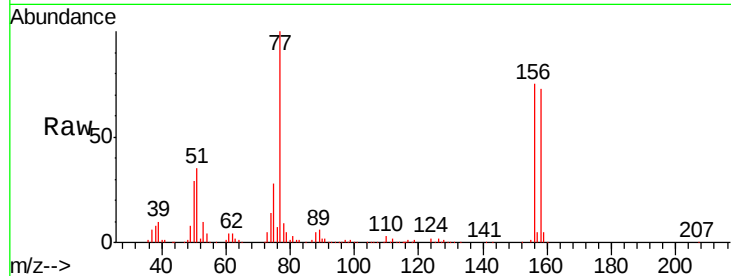




#77
Bromobenzene
Concen: 20.92 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

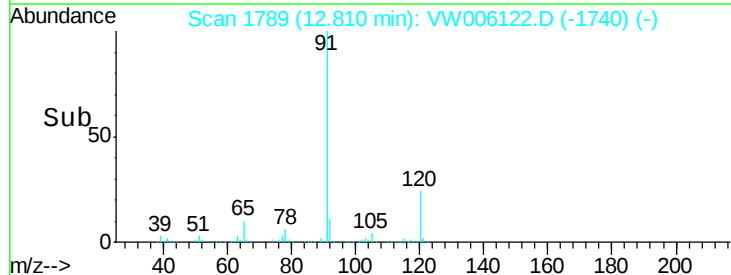
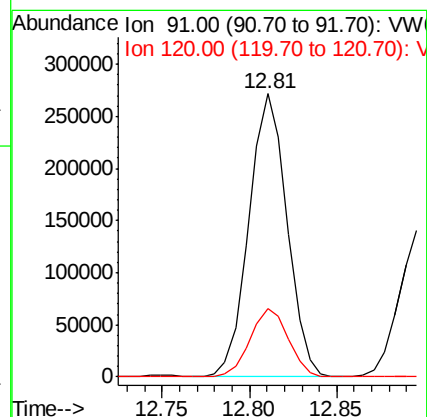
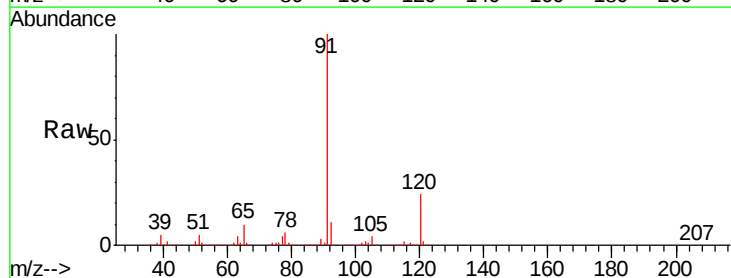
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

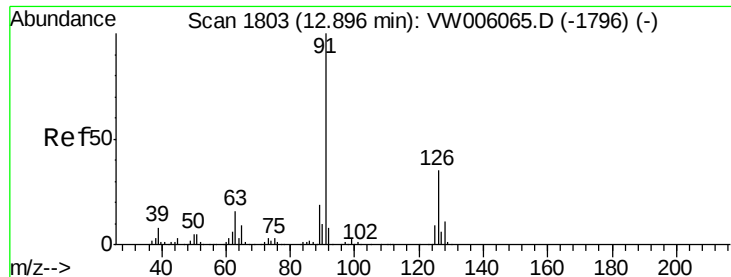
Tgt Ion: 156 Resp: 83768
Ion Ratio Lower Upper
156 100
77 157.1 79.1 237.4
158 97.9 48.5 145.6



#78
n-propylbenzene
Concen: 21.58 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 91 Resp: 410431
Ion Ratio Lower Upper
91 100
120 24.3 12.2 36.6





#79

2-Chlorotoluene

Concen: 21.28 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

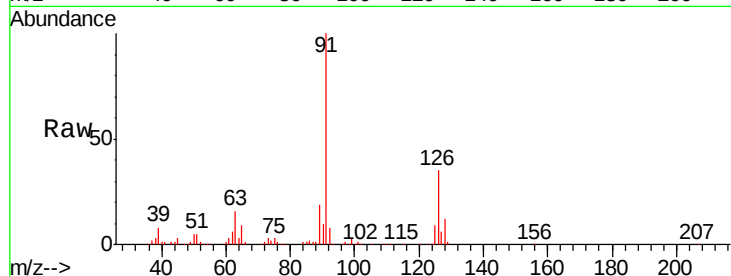
VW1017SBS01

Tgt Ion: 91 Resp: 227352

Ion Ratio Lower Upper

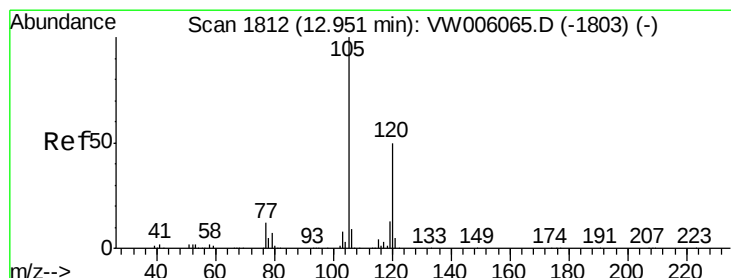
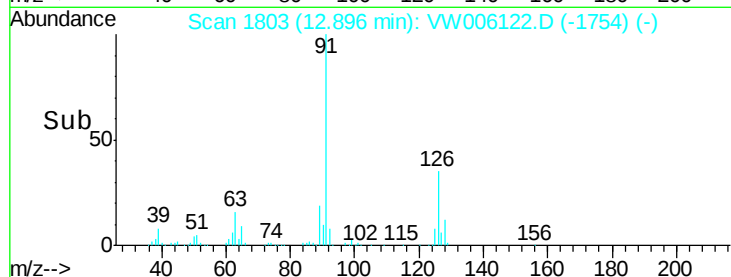
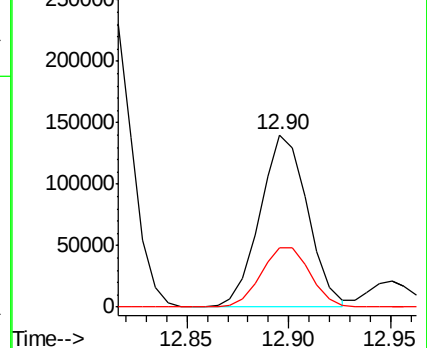
91 100

126 36.2 17.9 53.8



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: 21.34 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006122.D

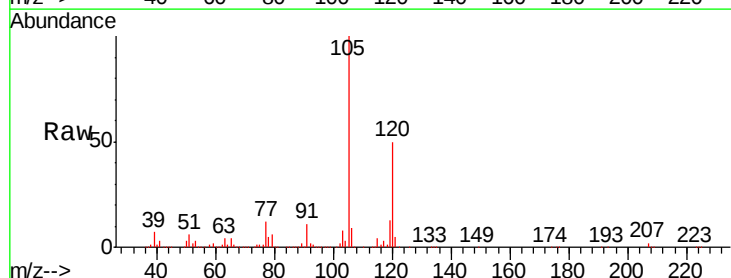
Acq: 17 Oct 2018 13:27

Tgt Ion: 105 Resp: 294080

Ion Ratio Lower Upper

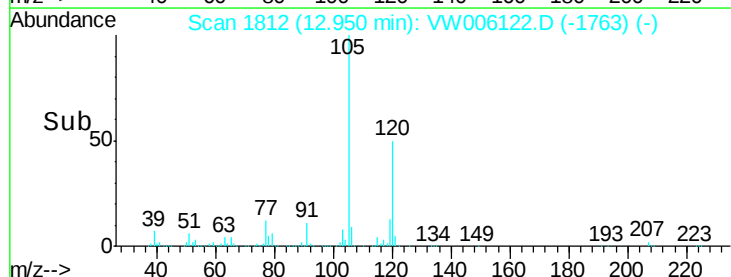
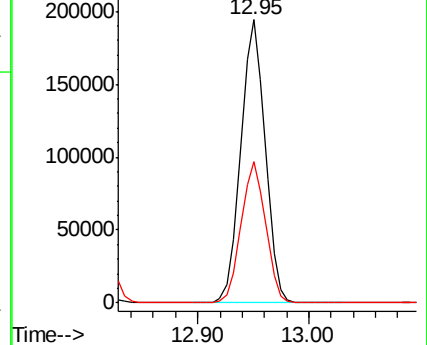
105 100

120 50.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

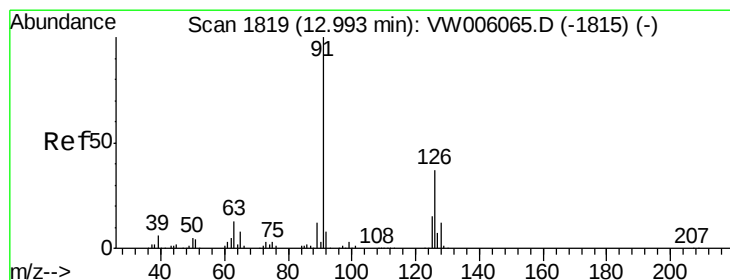
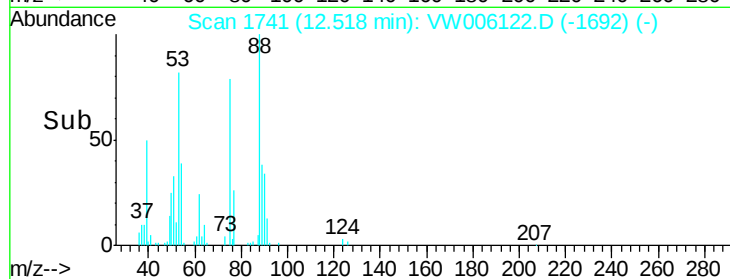
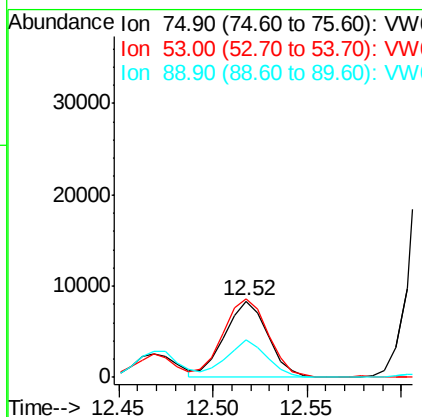
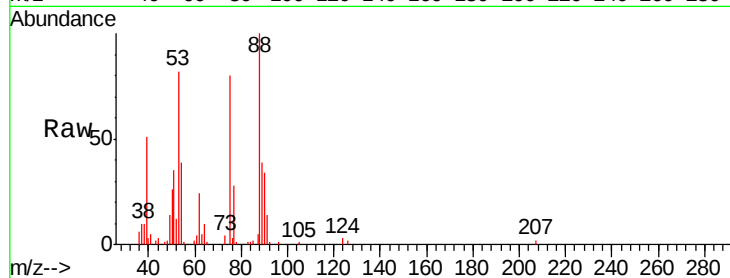




#81
trans-1,4-Dichloro-2-butene
Concen: 17.74 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

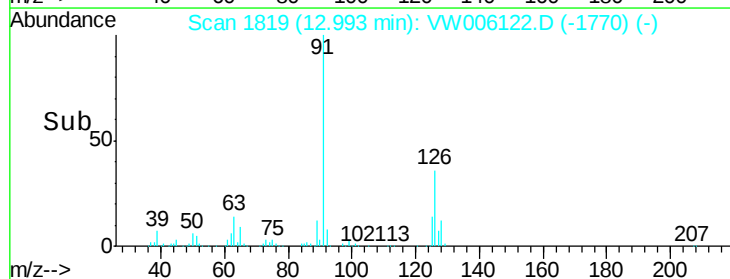
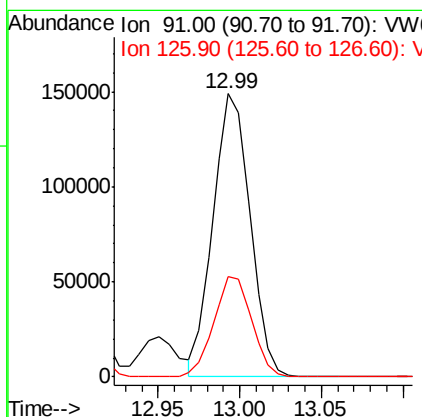
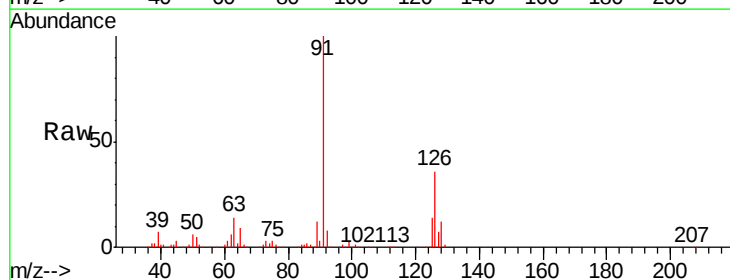
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tgt Ion: 75 Resp: 13115
Ion Ratio Lower Upper
75 100
53 110.0 79.8 119.6
89 46.4 37.5 56.3



#82
4-Chlorotoluene
Concen: 21.11 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 91 Resp: 236234
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.3

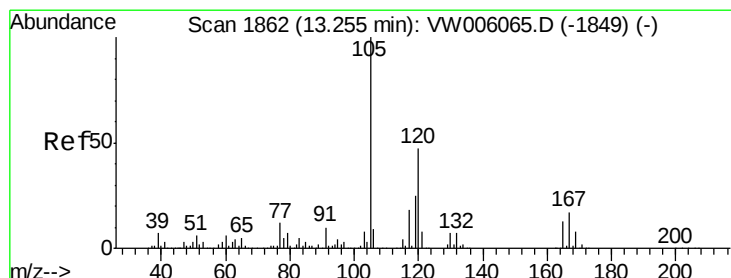
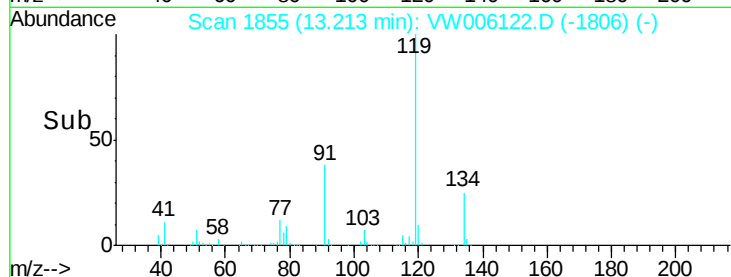
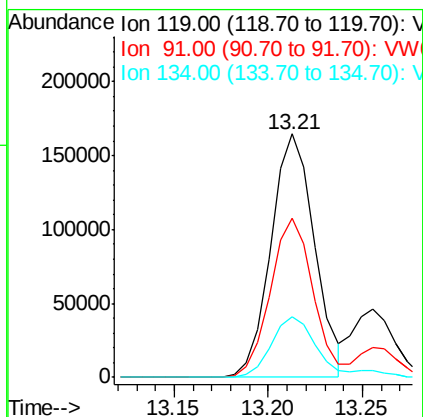
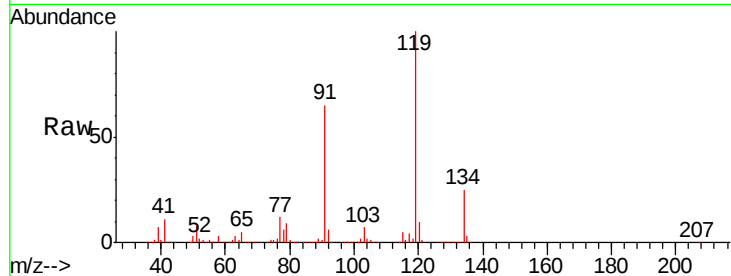




#83
 tert-Butylbenzene
 Concen: 21.46 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

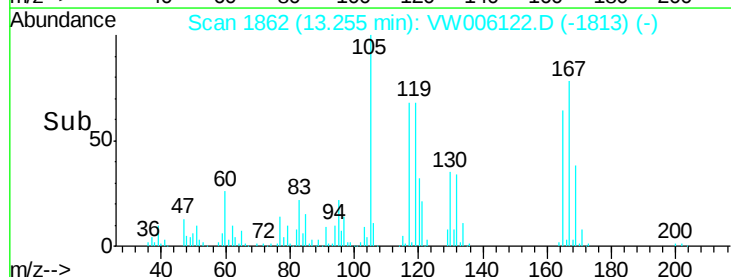
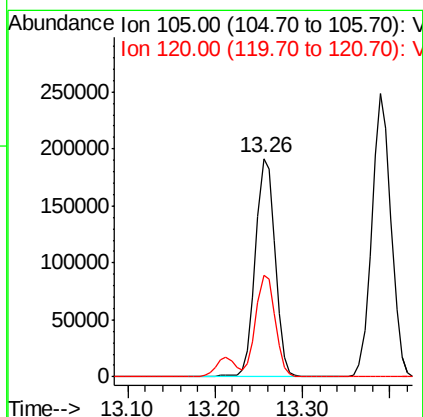
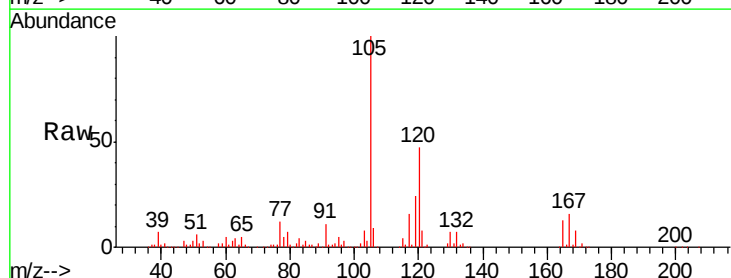
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

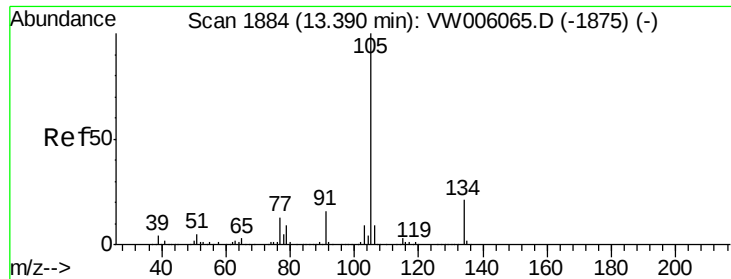
Tgt Ion:119 Resp: 264593
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.3 96.9
 134 27.3 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.52 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion:105 Resp: 299997
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.3

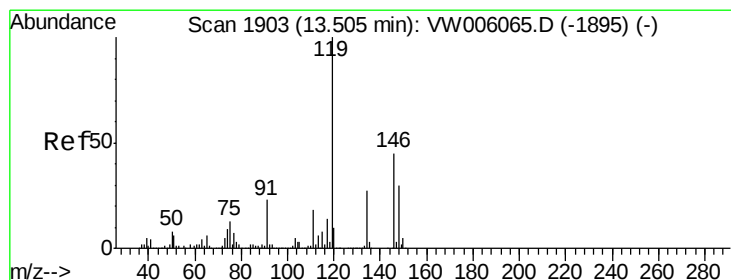
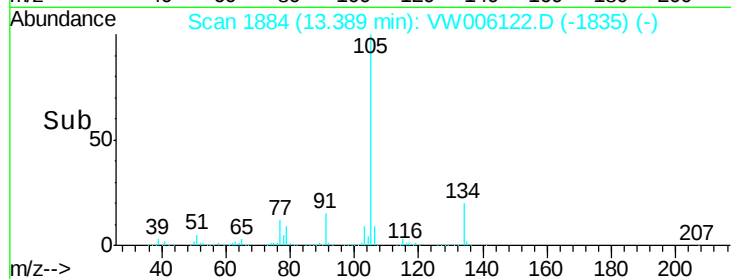
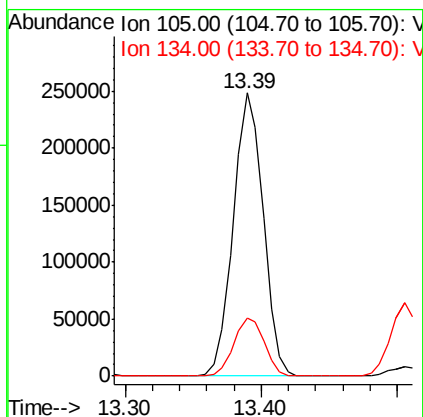
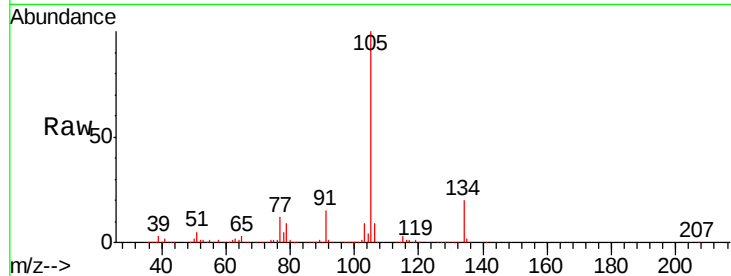




#85
 sec-Butylbenzene
 Concen: 21.86 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

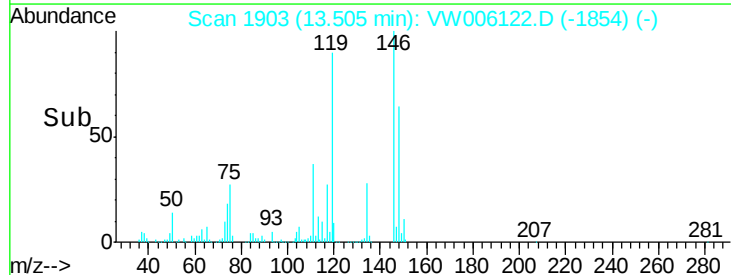
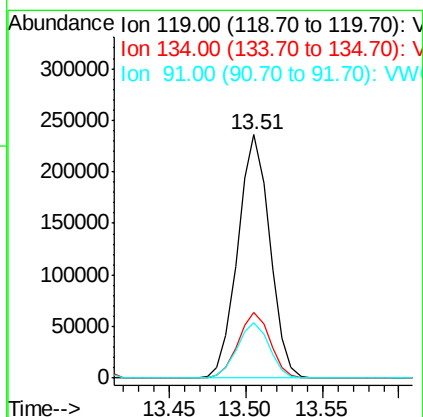
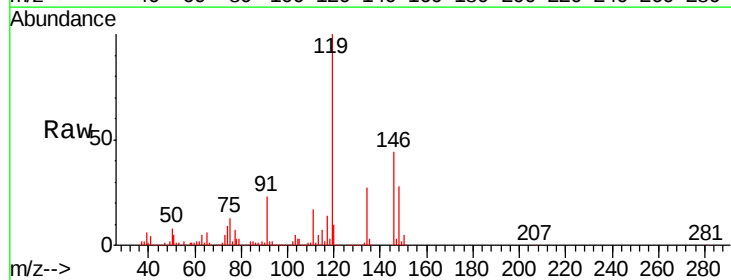
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

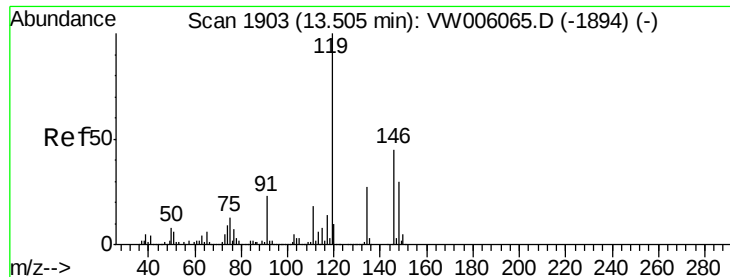
Tgt Ion:105 Resp: 380705
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 21.72 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion:119 Resp: 342183
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.9 11.4 34.1

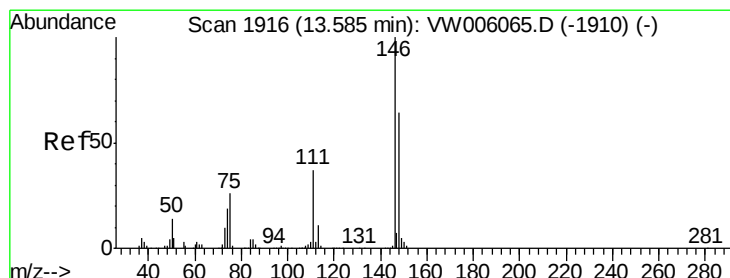
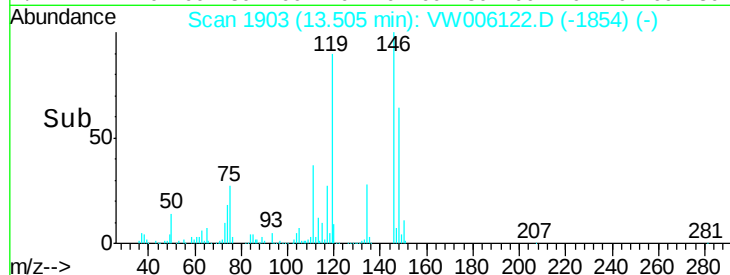
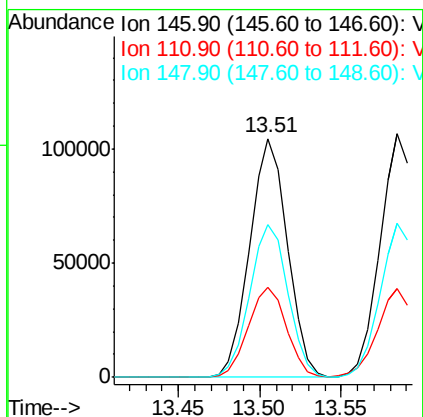
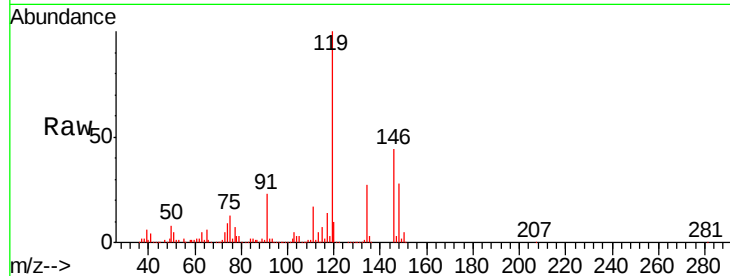




#87
 1,3-Dichlorobenzene
 Concen: 21.17 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

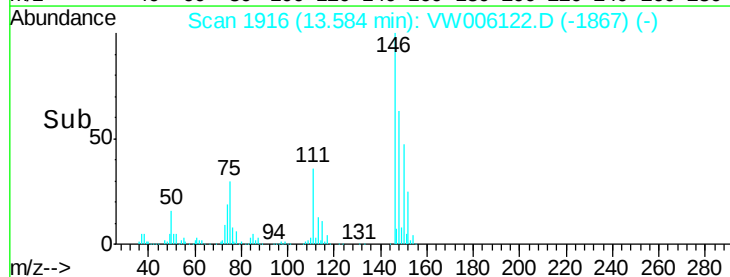
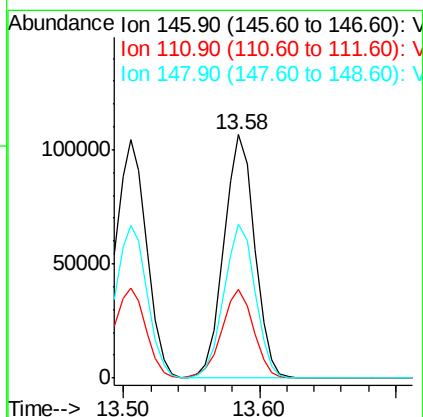
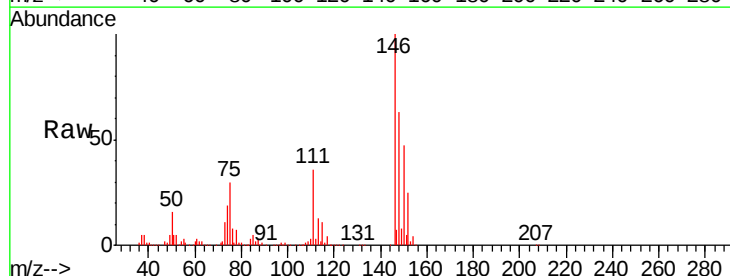
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

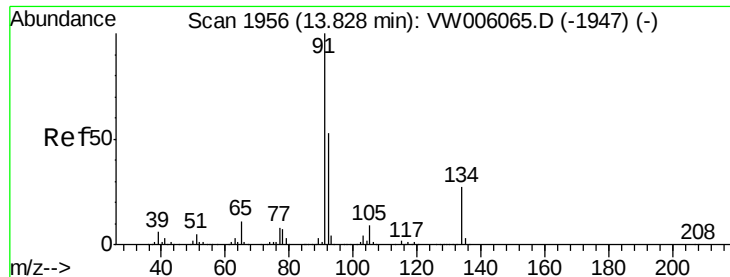
Tgt Ion:146 Resp: 168648
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 64.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 21.14 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion:146 Resp: 167708
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 56.0
 148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 21.81 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

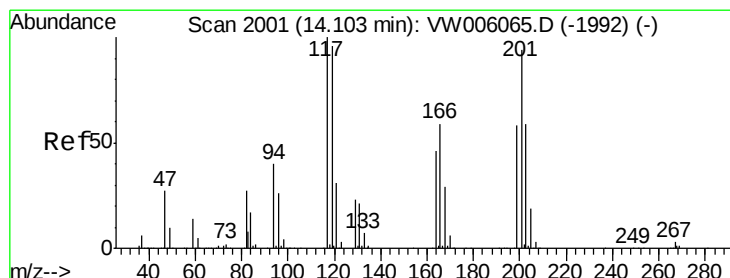
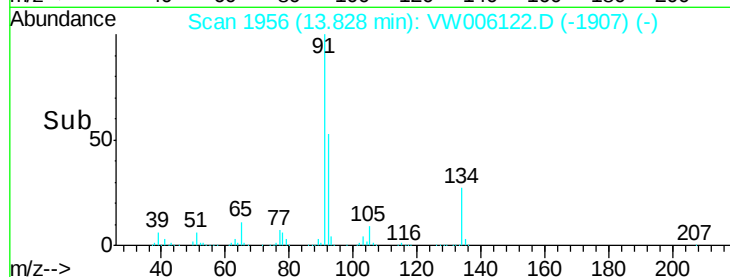
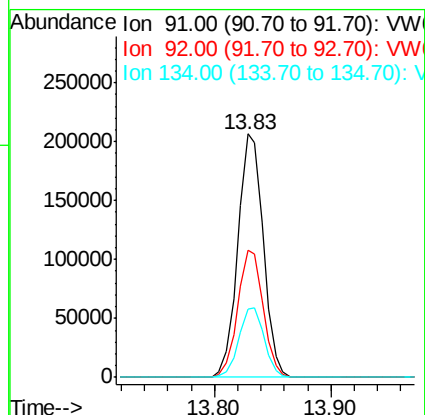
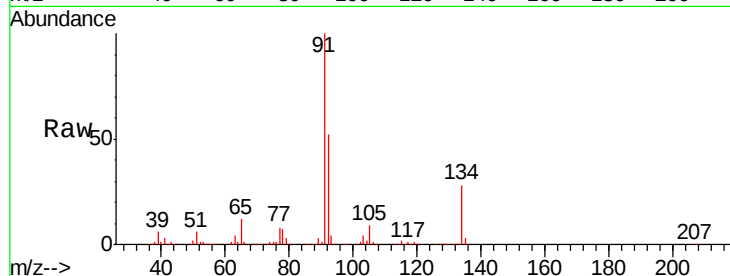
Tgt Ion: 91 Resp: 314244

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 28.6 14.0 41.9



#90

Hexachloroethane

Concen: 19.88 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW006122.D

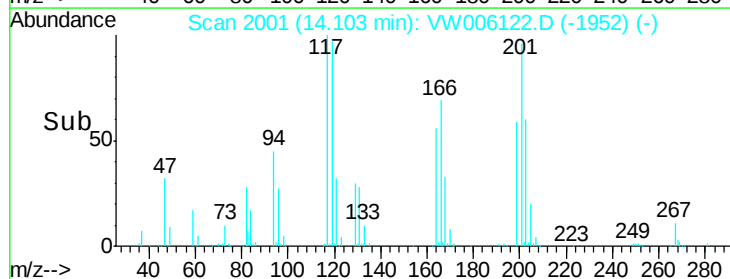
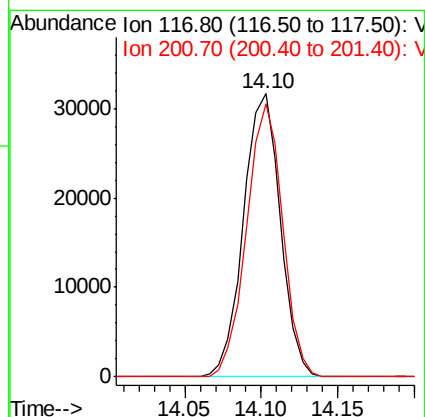
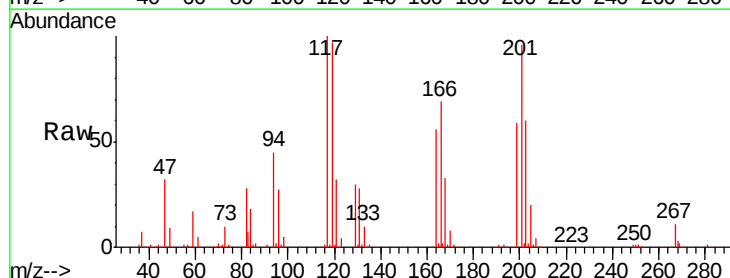
Acq: 17 Oct 2018 13:27

Tgt Ion: 117 Resp: 53044

Ion Ratio Lower Upper

117 100

201 94.2 45.3 135.9





#91

1,2-Dichlorobenzene

Concen: 21.06 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

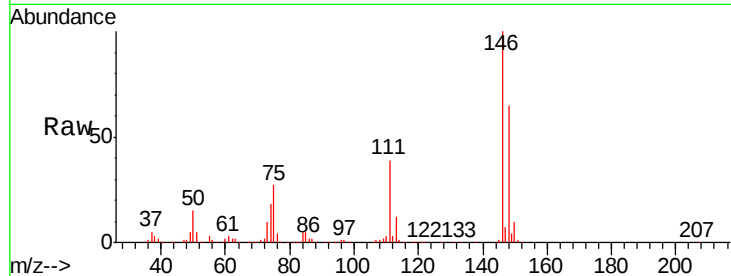
Tgt Ion:146 Resp: 149683

Ion Ratio Lower Upper

146 100

111 38.5 19.6 58.7

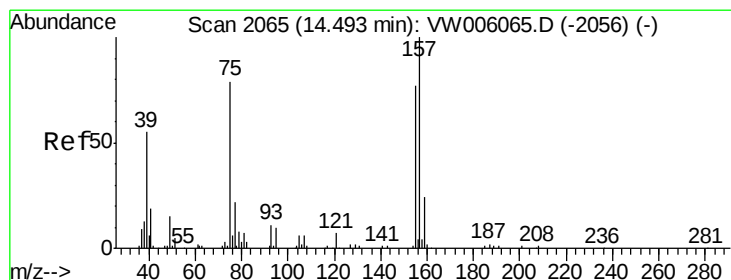
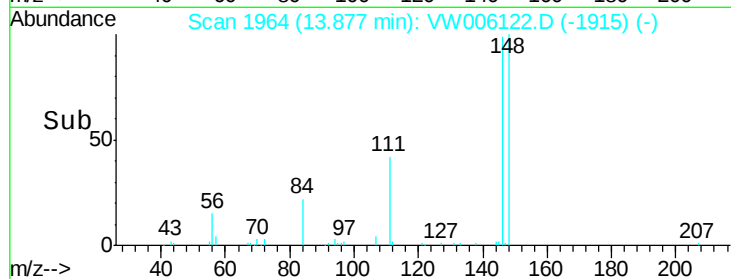
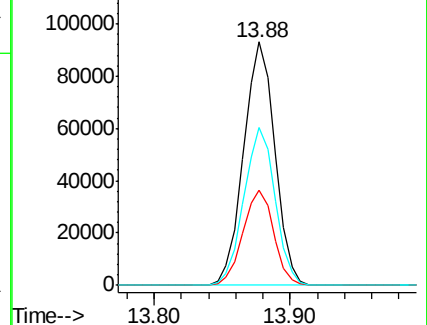
148 64.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.58 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

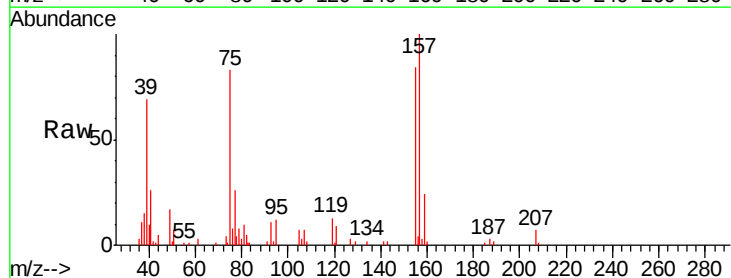
Tgt Ion: 75 Resp: 8269

Ion Ratio Lower Upper

75 100

155 94.9 46.5 139.5

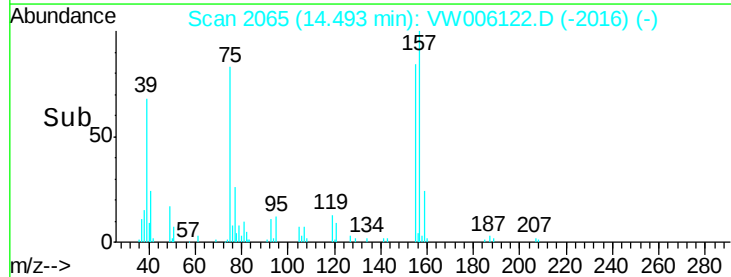
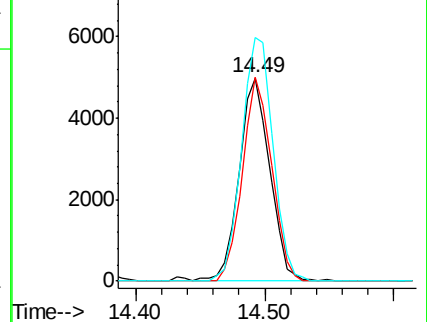
157 121.3 59.8 179.4

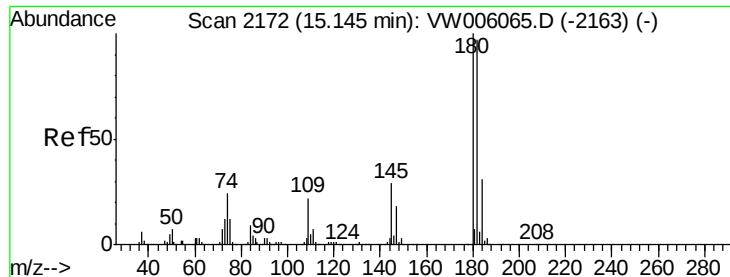


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

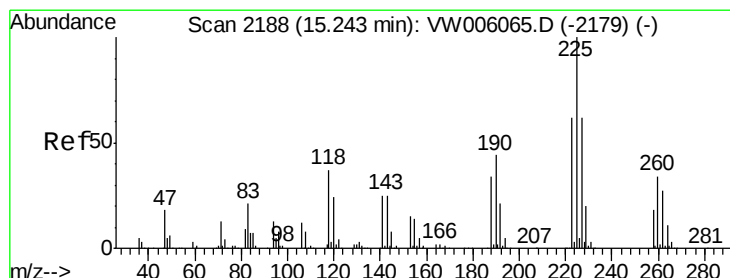
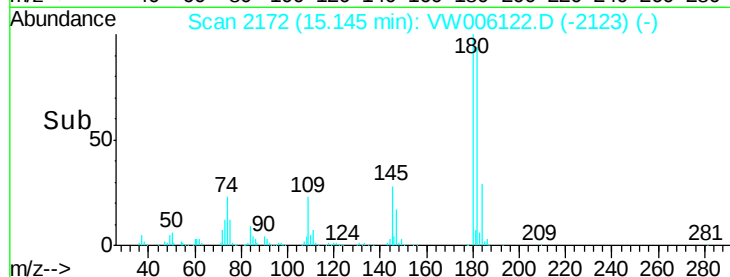
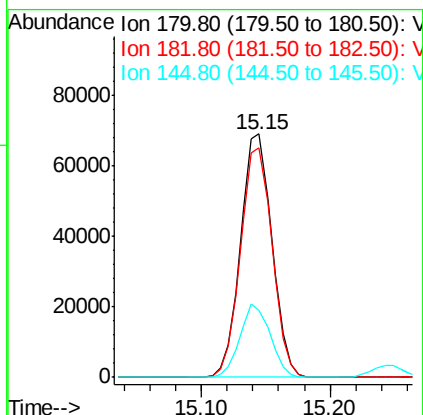
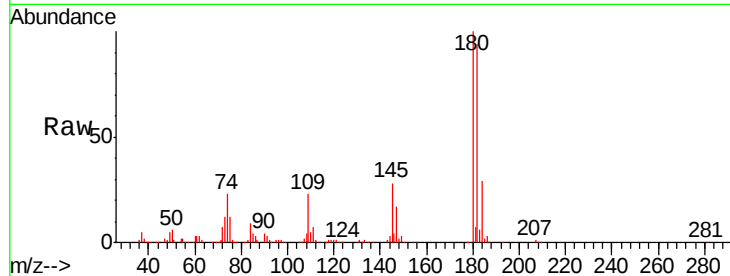




#93
 1,2,4-Trichlorobenzene
 Concen: 21.25 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

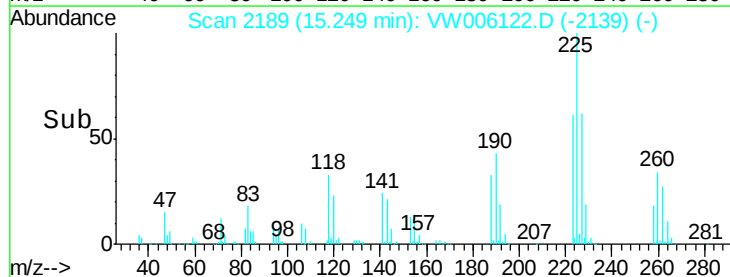
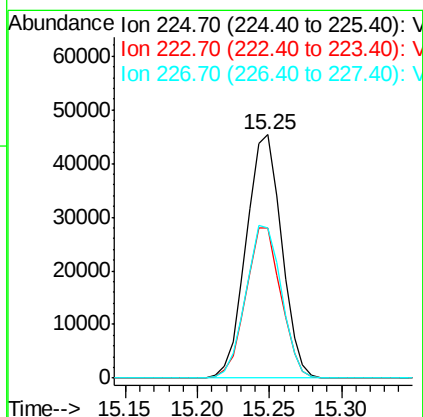
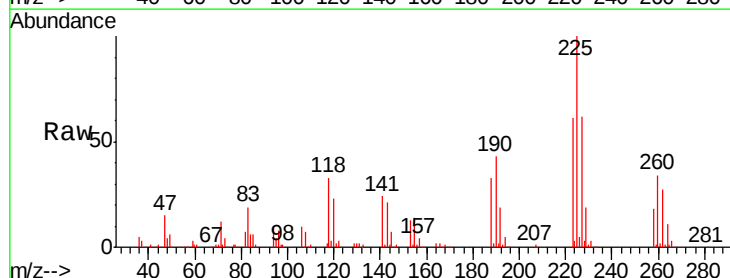
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

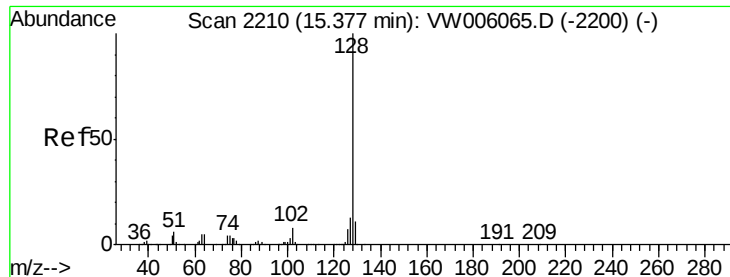
Tgt Ion:180 Resp: 116190
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.9 143.6
 145 29.1 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 22.49 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion:225 Resp: 77256
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.1 93.5
 227 63.0 32.4 97.0

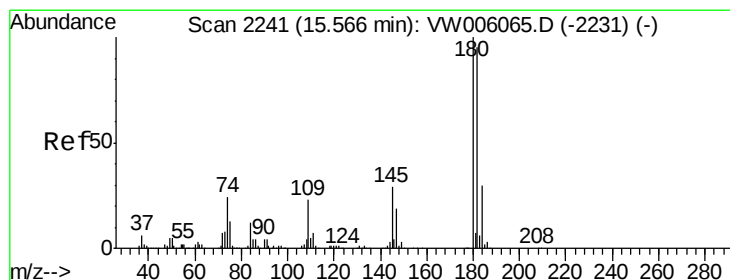
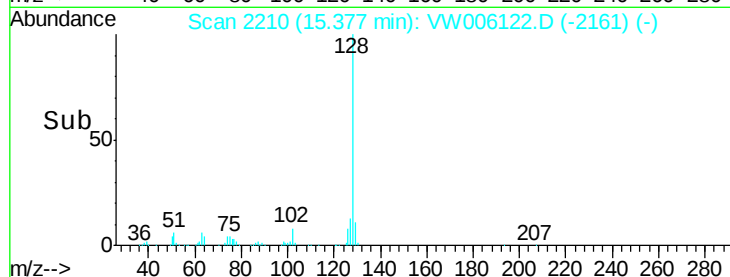
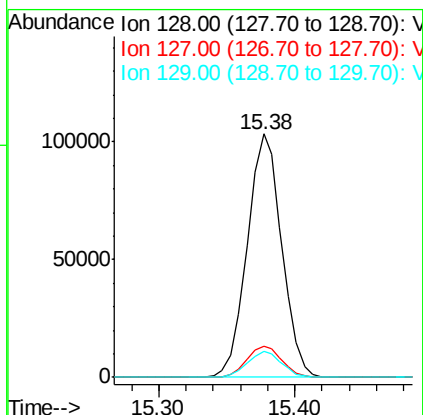
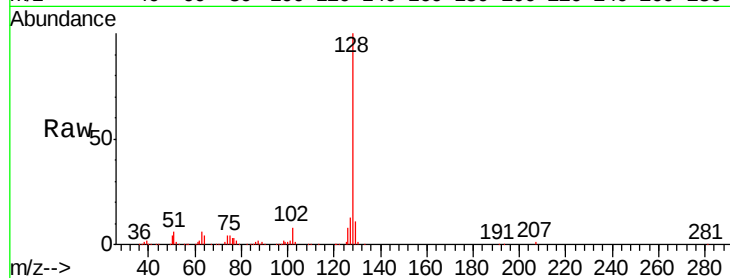




#95
Naphthalene
Concen: 20.14 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tgt Ion:128 Resp: 183168
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.03 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion:180 Resp: 99453
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 30.6 15.0 45.1

