

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003690.D
 Acq On : 03 Jul 2018 11:29
 Operator : SY/AP
 Sample : VW0703SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Quant Time: Jul 03 13:19:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	400945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195510	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	147081	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
35) Dibromofluoromethane	7.88	113	128777	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	10.33	98	525371	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	185809	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	18844	17.12	ug/l	99
3) Chloromethane	2.21	50	38333	18.77	ug/l	96
4) Vinyl Chloride	2.36	62	52511	18.85	ug/l	100
5) Bromomethane	2.78	94	34114	18.67	ug/l	96
6) Chloroethane	2.92	64	30868	18.41	ug/l	100
7) Trichlorofluoromethane	3.25	101	28345	19.13	ug/l	96
8) Diethyl Ether	3.67	74	24971	18.21	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	48769	19.81	ug/l	98
10) Methyl Iodide	4.26	142	66652	18.43	ug/l	98
11) Tert butyl alcohol	5.21	59	16273	85.08	ug/l	98
12) 1,1-Dichloroethene	4.03	96	47483	19.35	ug/l	98
13) Acrolein	3.89	56	10945	117.94	ug/l	97
14) Allyl chloride	4.66	41	80503	19.18	ug/l	99
15) Acrylonitrile	5.37	53	57179	89.92	ug/l	99
16) Acetone	4.14	43	68129	93.38	ug/l	97
17) Carbon Disulfide	4.37	76	131195	17.81	ug/l	97
18) Methyl Acetate	4.67	43	28173	18.24	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	89514	18.67	ug/l	98
20) Methylene Chloride	4.91	84	58246	18.75	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	50592	18.82	ug/l	96
22) Diisopropyl ether	6.31	45	168197	19.54	ug/l	99
23) Vinyl Acetate	6.26	43	483454	92.13	ug/l	100
24) 1,1-Dichloroethane	6.21	63	99227	19.33	ug/l	98
25) 2-Butanone	7.18	43	84171	90.09	ug/l	97
26) 2,2-Dichloropropane	7.17	77	64695	20.56	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	56766	19.39	ug/l	99
28) Bromochloromethane	7.51	49	44206	19.60	ug/l	100
29) Tetrahydrofuran	7.54	42	48770	87.08	ug/l	99
30) Chloroform	7.67	83	101872	19.63	ug/l	99
31) Cyclohexane	7.95	56	88906	19.03	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	80396	19.90	ug/l	98
36) 1,1-Dichloropropene	8.08	75	78658	19.54	ug/l	99
37) Ethyl Acetate	7.26	43	35188	17.96	ug/l	100
38) Carbon Tetrachloride	8.07	117	76814	20.06	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88046	19.00	ug/l	96
40) Benzene	8.32	78	224510	19.85	ug/l	100
41) Methacrylonitrile	7.49	41	19361	17.39	ug/l	96
42) 1,2-Dichloroethane	8.40	62	67722	19.01	ug/l	100
43) Isopropyl Acetate	8.43	43	65702	17.81	ug/l	99
44) Trichloroethene	9.09	130	57875	19.79	ug/l	98
45) 1,2-Dichloropropane	9.37	63	58066	19.79	ug/l	98
46) Dibromomethane	9.46	93	28296	18.57	ug/l	98
47) Bromodichloromethane	9.65	83	75184	19.96	ug/l	98
48) Methyl methacrylate	9.44	41	30466	17.94	ug/l	97
49) 1,4-Dioxane	9.47	88	8266	345.75	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	176848	90.96	ug/l	98
52) Toluene	10.39	92	141683	20.07	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	75629	19.35	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85200	19.23	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	41285	19.23	ug/l	95
56) Ethyl methacrylate	10.65	69	48399	18.33	ug/l	97
57) 1,3-Dichloropropane	10.94	76	71247	19.10	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	108696	94.71	ug/l	99
59) 2-Hexanone	10.98	43	129479	93.16	ug/l	97
60) Dibromochloromethane	11.13	129	48360	19.27	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38666	18.80	ug/l	98
64) Tetrachloroethene	10.87	164	48587	19.44	ug/l	99
65) Chlorobenzene	11.66	112	156706	20.16	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	54207	19.96	ug/l	98
67) Ethyl Benzene	11.74	91	272781	20.03	ug/l	99
68) m/p-Xylenes	11.85	106	207628	40.09	ug/l	99
69) o-Xylene	12.17	106	95892	20.03	ug/l	100
70) Styrene	12.19	104	161371	20.07	ug/l	98
71) Bromoform	12.35	173	28622	18.96	ug/l #	98
73) Isopropylbenzene	12.47	105	269911	20.30	ug/l	99
74) N-amyl acetate	12.28	43	64272	18.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	48695	18.72	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66047	37.57	ug/l #	100
77) Bromobenzene	12.75	156	63398	19.86	ug/l	99
78) n-propylbenzene	12.81	91	338774	20.62	ug/l	99
79) 2-Chlorotoluene	12.90	91	190503	20.38	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	231451	20.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14799	17.84	ug/l	97
82) 4-Chlorotoluene	12.99	91	202698	20.42	ug/l	99
83) tert-Butylbenzene	13.21	119	195038	20.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	238477	20.59	ug/l	100
85) sec-Butylbenzene	13.39	105	294721	20.87	ug/l	100
86) p-Isopropyltoluene	13.51	119	259150	20.98	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	131133	20.24	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	132320	20.44	ug/l	99
89) n-Butylbenzene	13.83	91	251264	20.58	ug/l	98
90) Hexachloroethane	14.10	117	47534	20.71	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	116691	20.15	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8094	17.86	ug/l	98

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QLast Update : Tue Jul 03 08:55:34 2018
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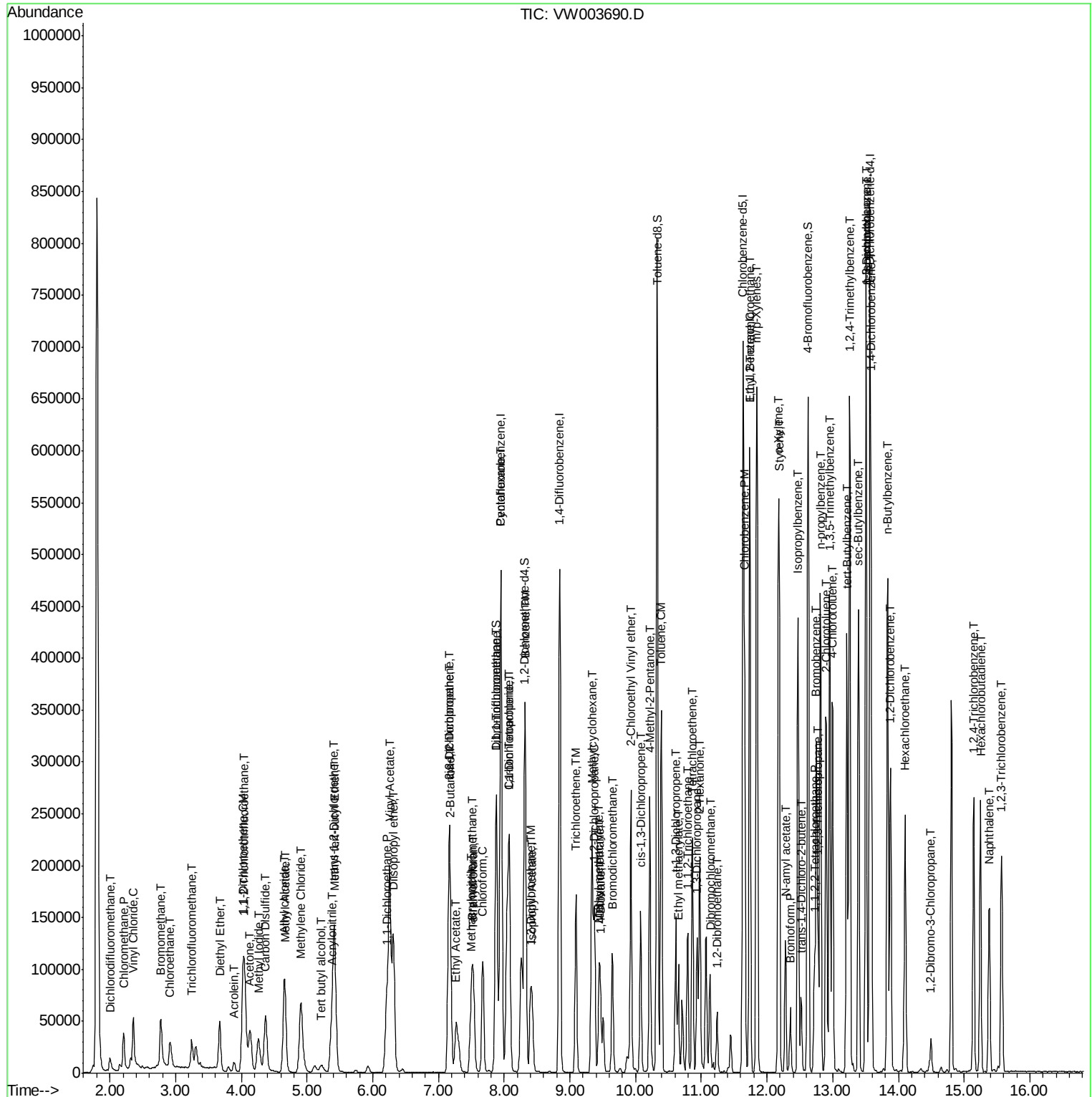
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	82237	20.14	ug/l	99
94) Hexachlorobutadiene	15.25	225	49039	20.79	ug/l	98
95) Naphthalene	15.38	128	136919	18.49	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70963	19.51	ug/l	100

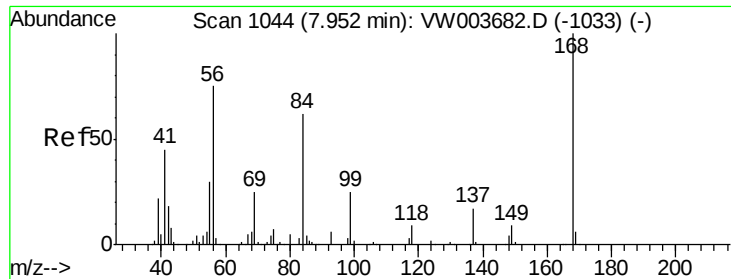
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

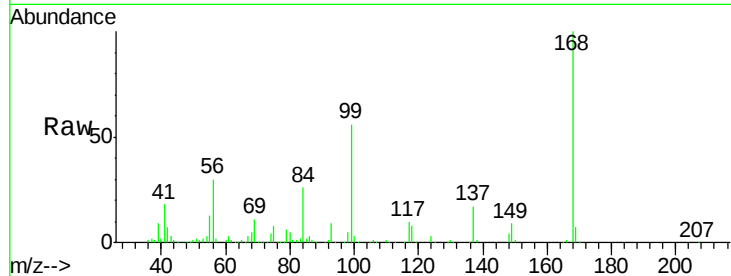
VW0703SBS01

Tot Ion:168 Resp: 256379

Ion Ratio Lower Upper

168 100

99 55.7 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

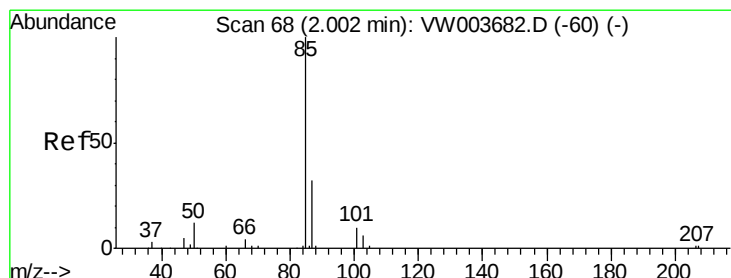
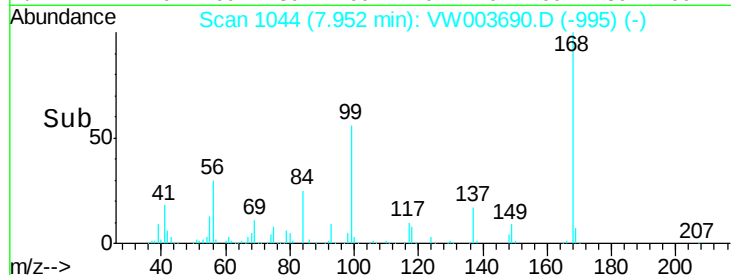
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.12 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003690.D

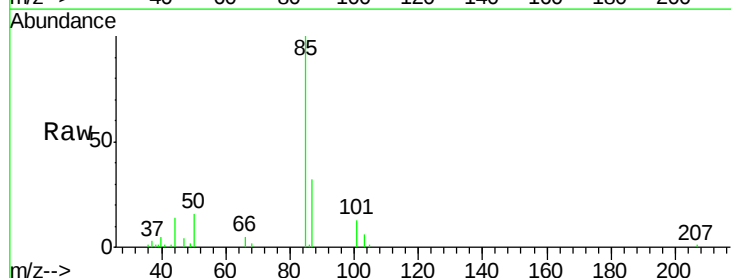
Acq: 03 Jul 2018 11:29

Tgt Ion: 85 Resp: 18844

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

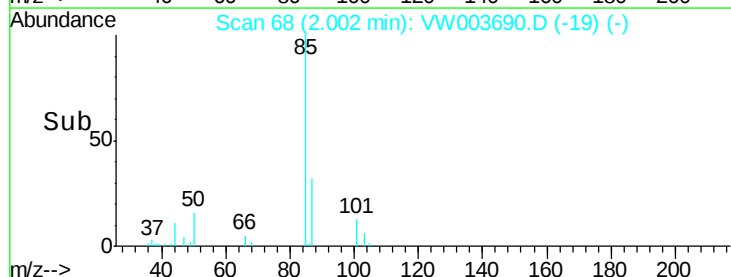
6000

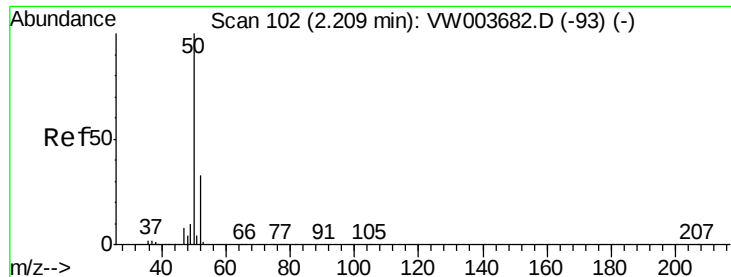
4000

2000

0

Time-->





#3

Chloromethane

Concen: 18.77 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

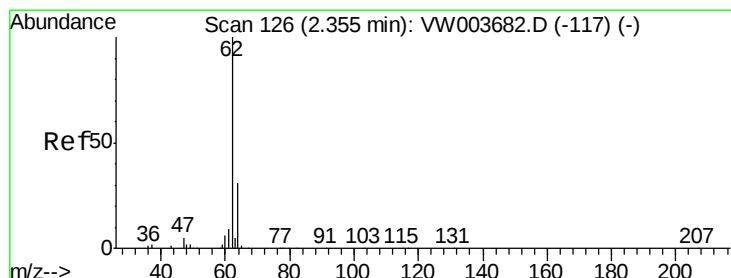
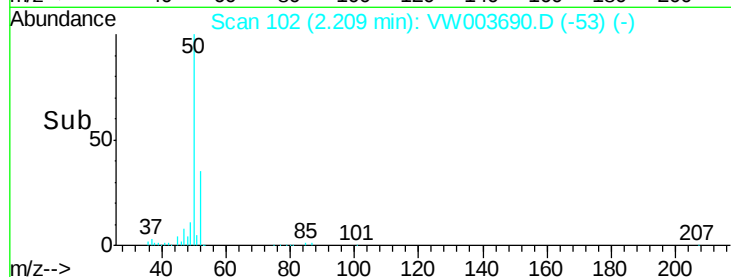
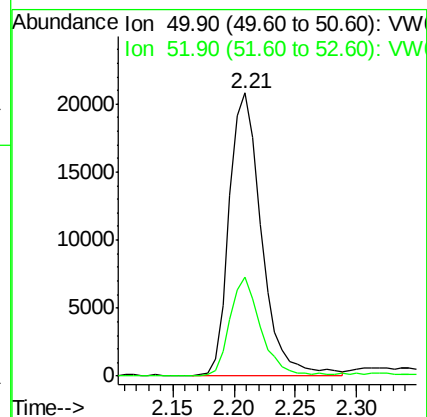
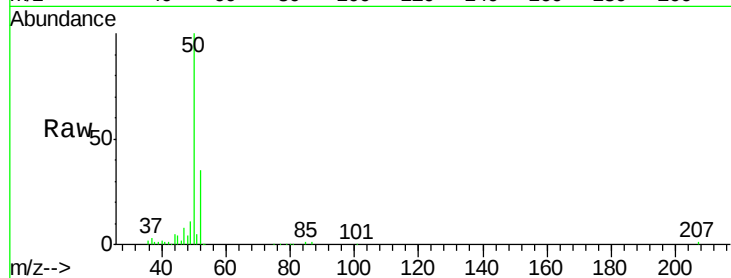
VW0703SBS01

Tot Ion: 50 Resp: 38333

Ion Ratio Lower Upper

50 100

52 34.8 26.1 39.1



#4

Vinyl Chloride

Concen: 18.85 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003690.D

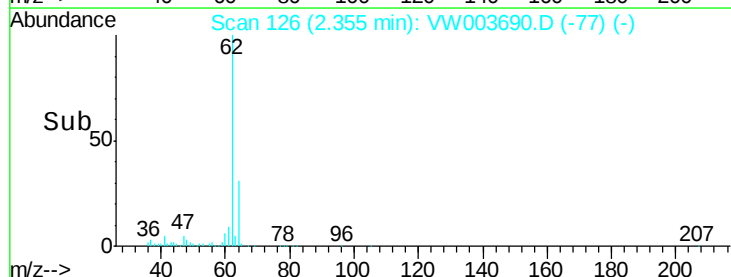
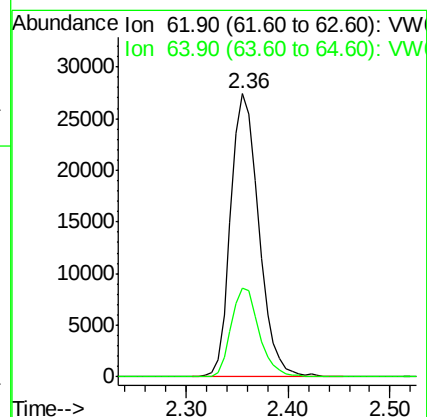
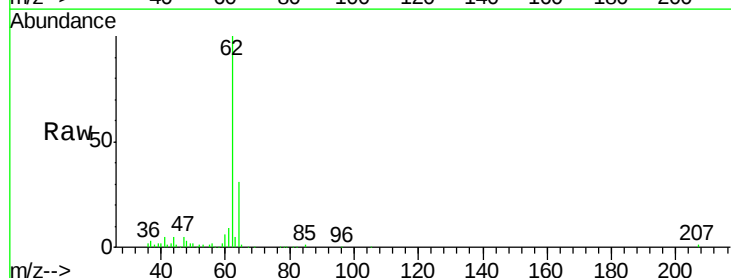
Acq: 03 Jul 2018 11:29

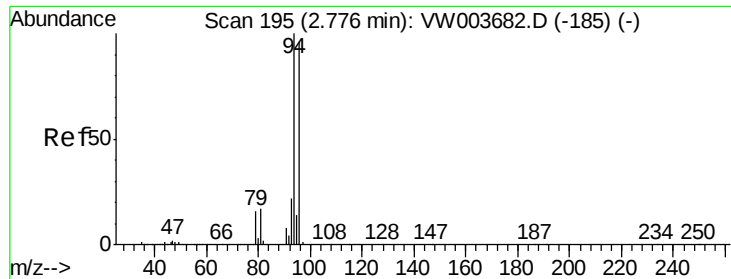
Tgt Ion: 62 Resp: 52511

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 18.67 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

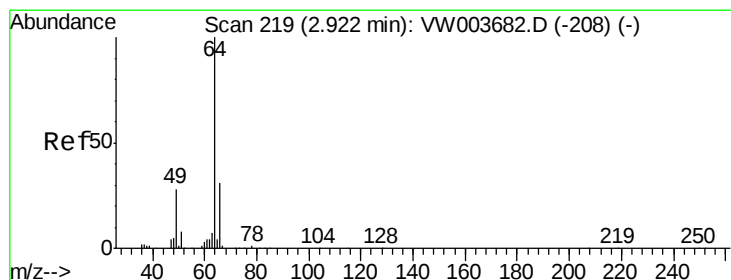
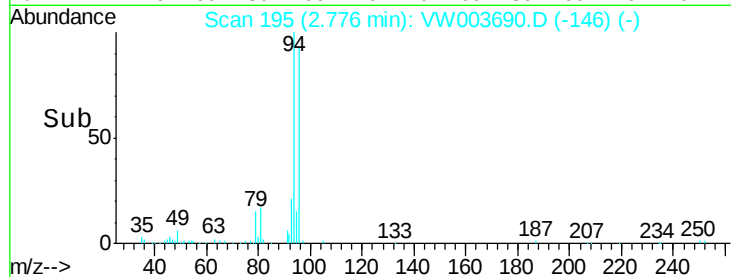
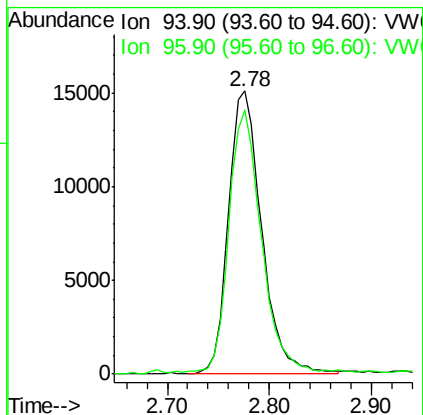
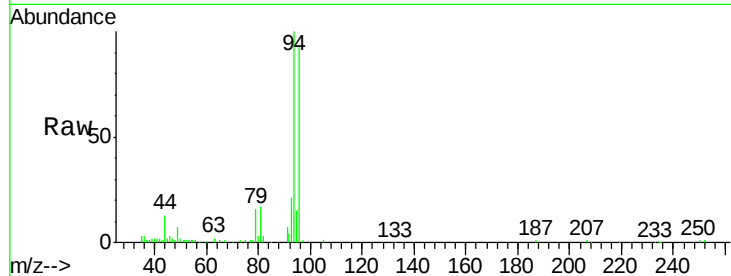
VW0703SBS01

Tot Ion: 94 Resp: 34114

Ion Ratio Lower Upper

94 100

96 92.2 76.6 115.0



#6

Chloroethane

Concen: 18.41 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003690.D

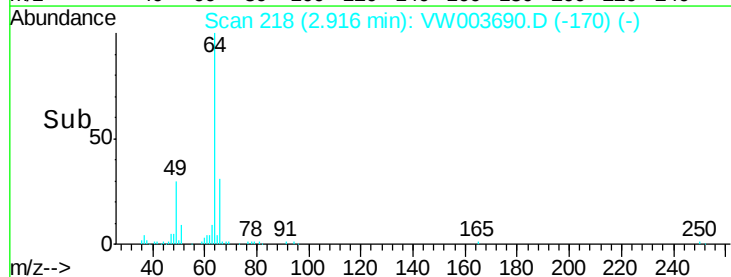
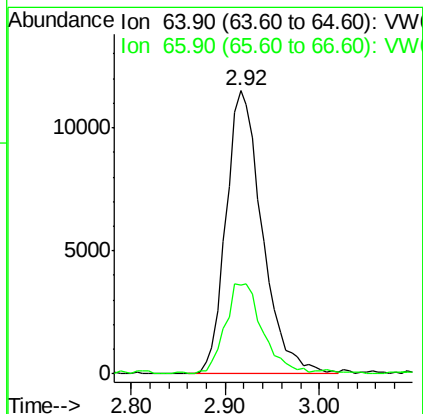
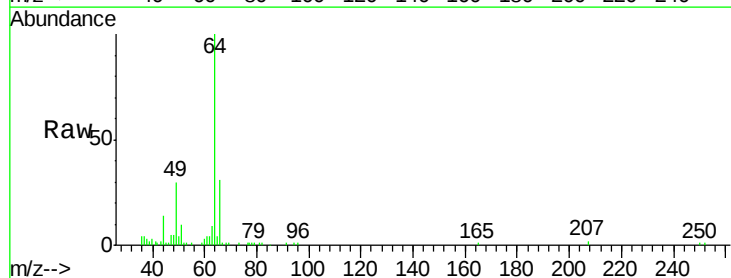
Acq: 03 Jul 2018 11:29

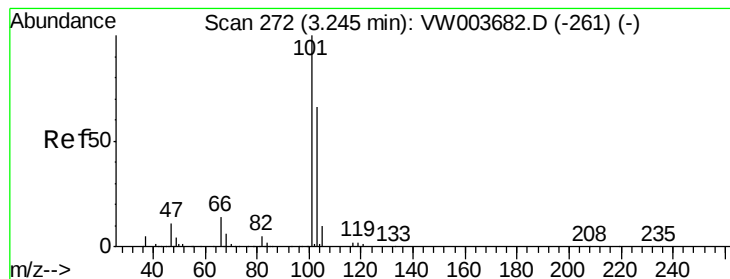
Tgt Ion: 64 Resp: 30868

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6



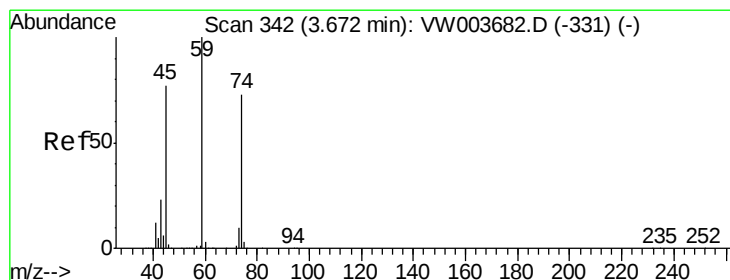
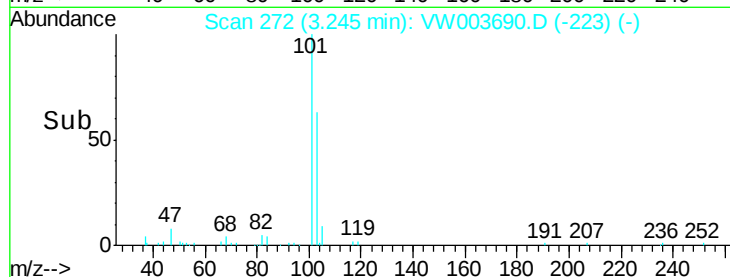
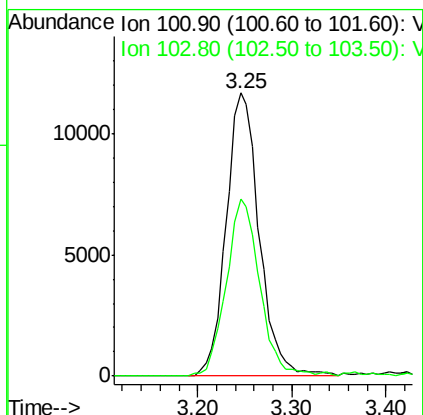
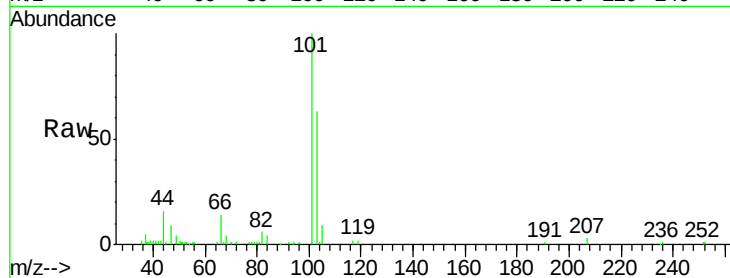


#7

Trichlorofluoromethane
 Concen: 19.13 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

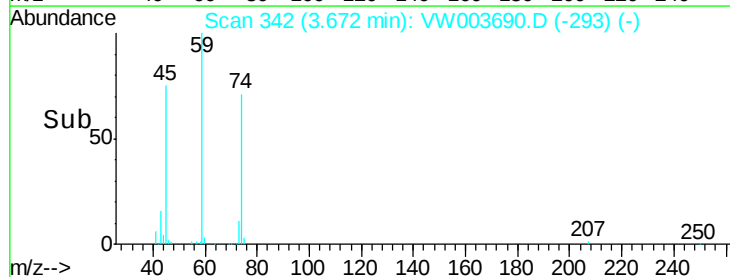
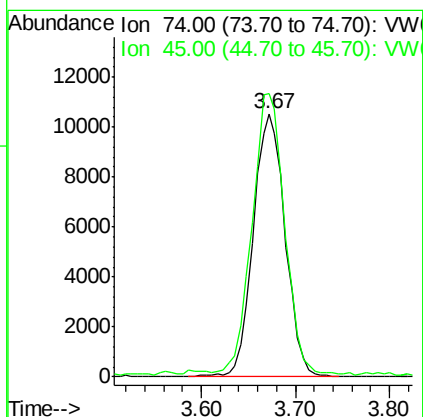
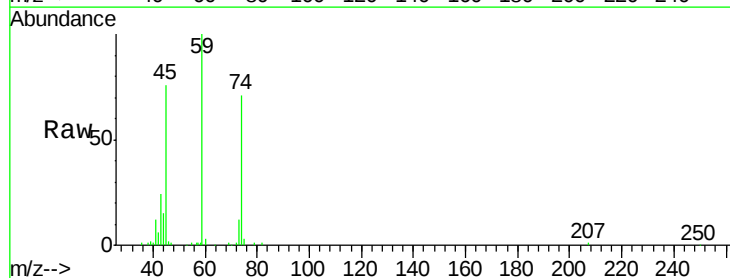
Tot Ion:101 Resp: 28345
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.9 79.3

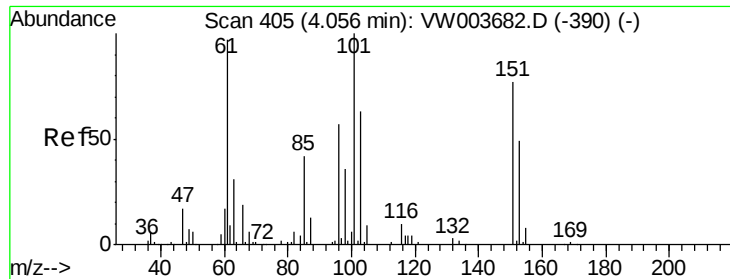


#8

Diethyl Ether
 Concen: 18.21 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion: 74 Resp: 24971
 Ion Ratio Lower Upper
 74 100
 45 110.3 53.5 160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.81 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

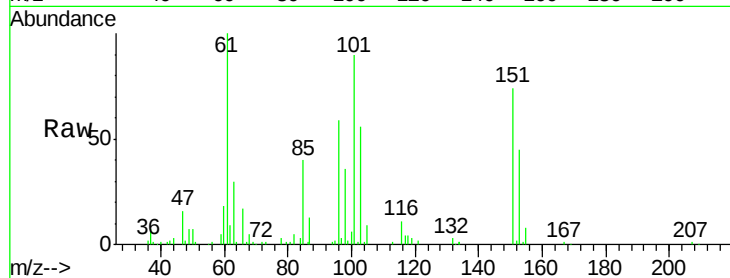
Tot Ion:101 Resp: 48769

Ion Ratio Lower Upper

101 100

85 46.7 36.6 55.0

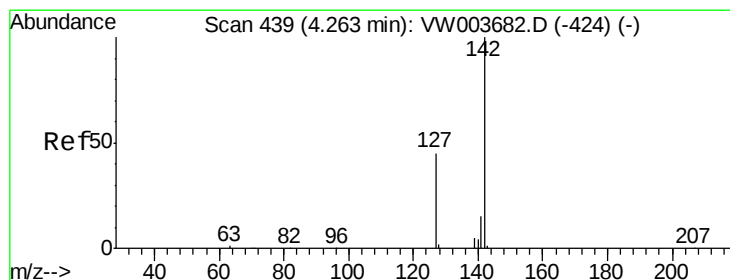
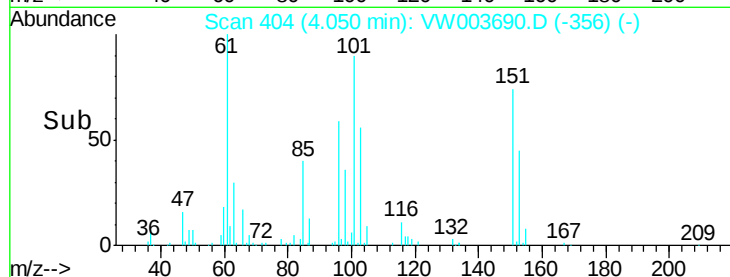
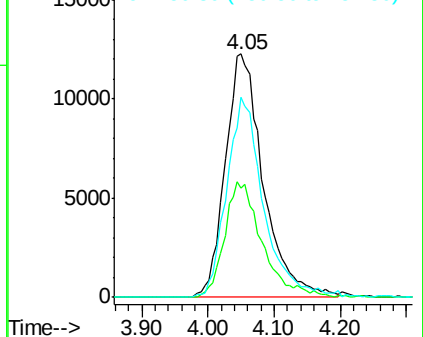
151 79.8 62.4 93.6



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: 18.43 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

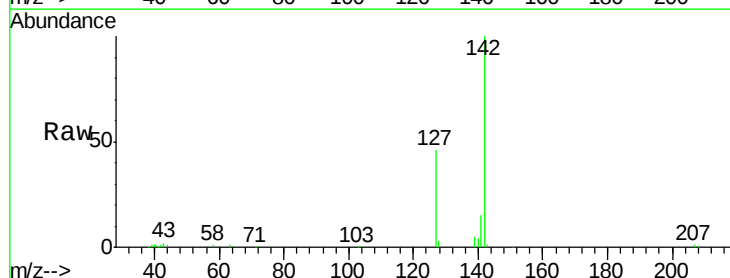
Tgt Ion:142 Resp: 66652

Ion Ratio Lower Upper

142 100

127 45.8 36.0 54.0

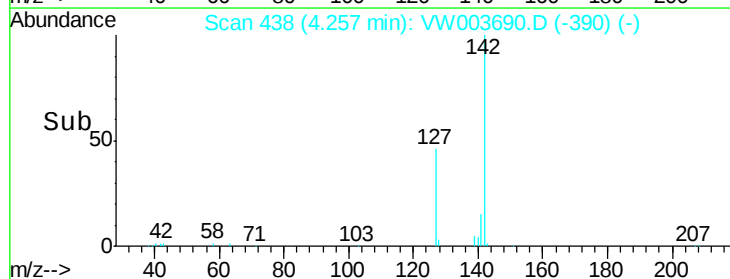
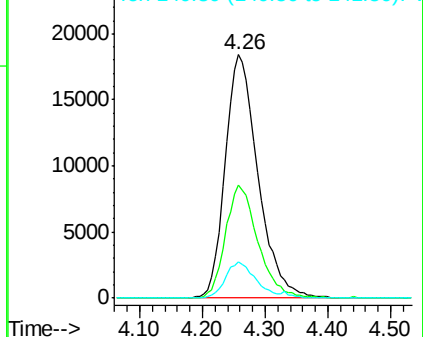
141 13.8 11.9 17.9

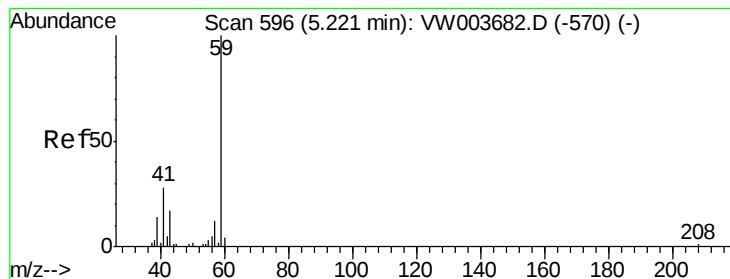


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 85.08 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

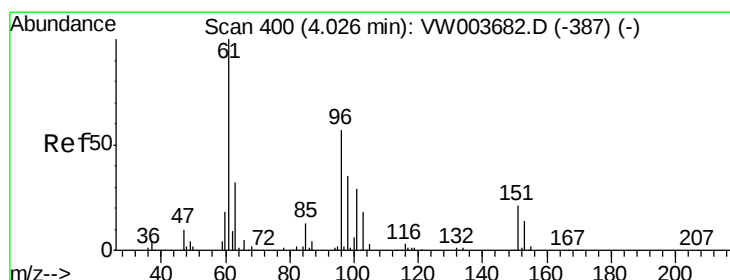
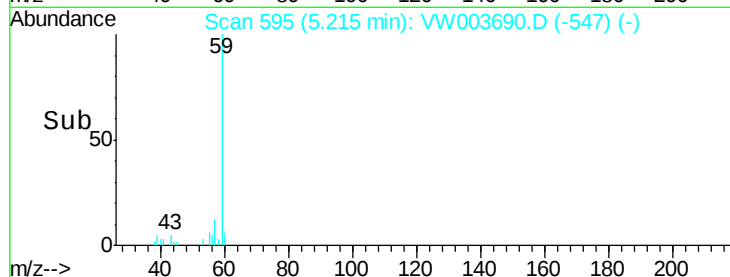
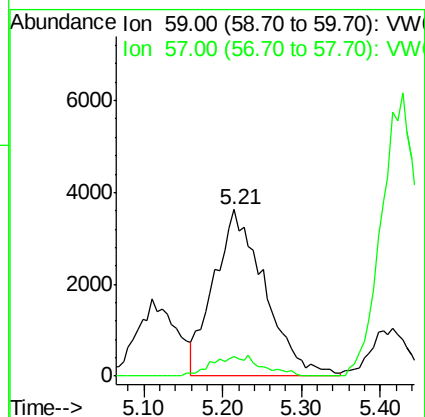
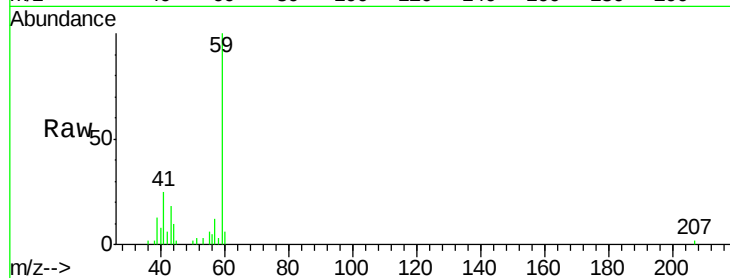
VW0703SBS01

Tot Ion: 59 Resp: 16273

Ion Ratio Lower Upper

59 100

57 11.8 9.0 13.4



#12

1,1-Dichloroethene

Concen: 19.35 ug/l

RT: 4.03 min Scan# 400

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

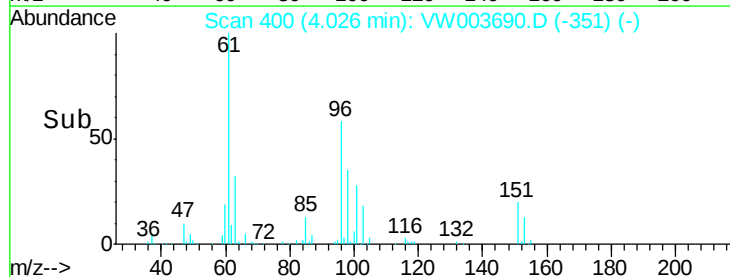
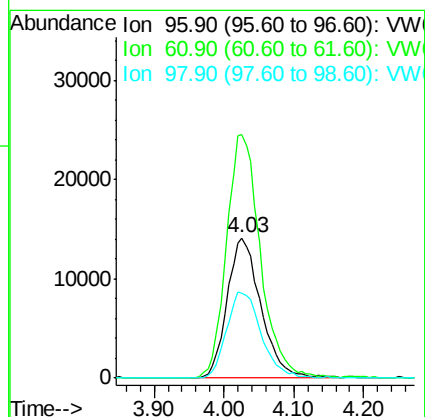
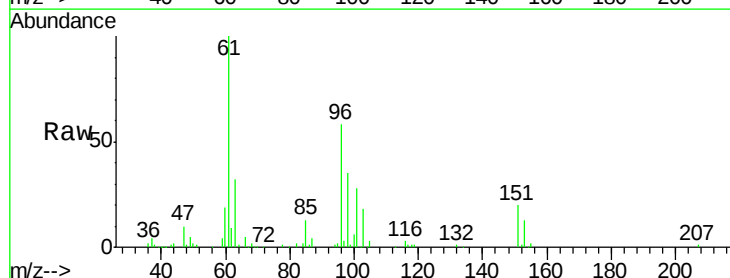
Tgt Ion: 96 Resp: 47483

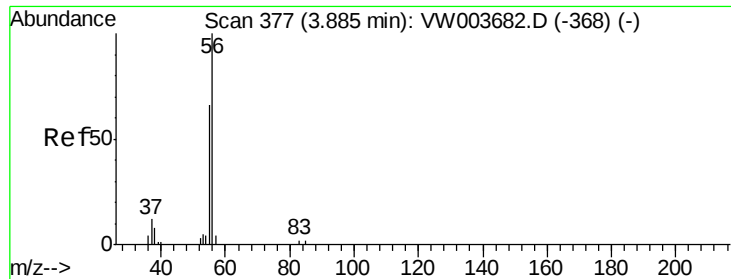
Ion Ratio Lower Upper

96 100

61 173.3 140.6 211.0

98 60.9 49.4 74.0





#13

Acrolein

Concen: 117.94 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

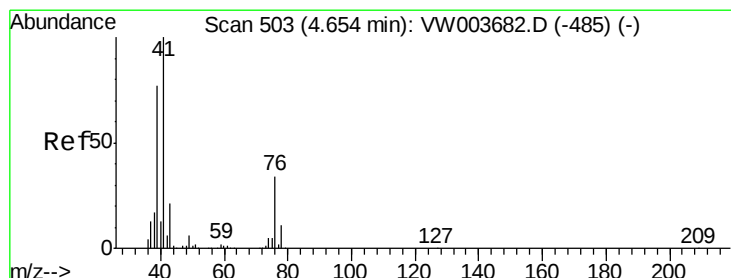
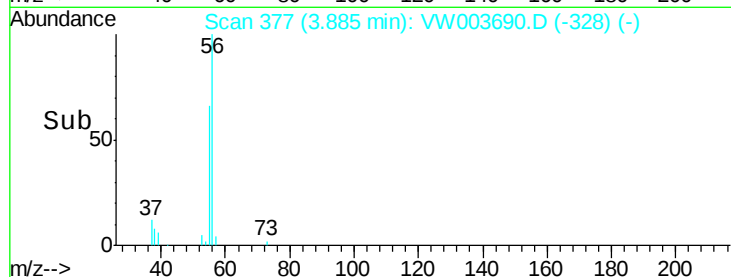
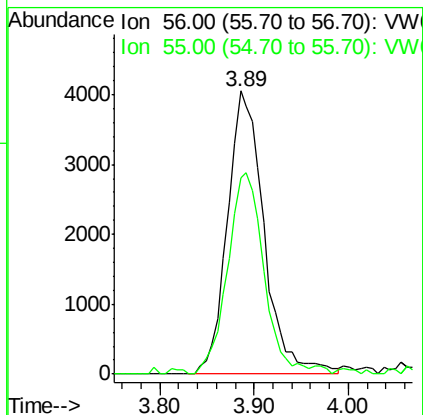
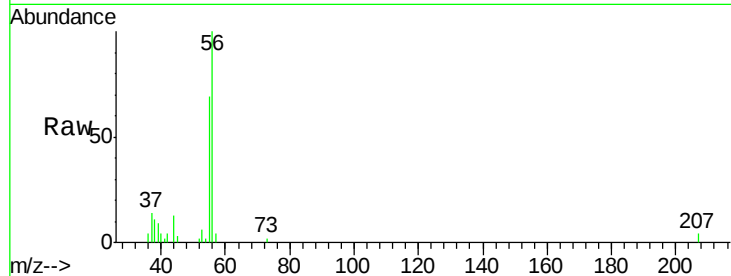
VW0703SBS01

Tot Ion: 56 Resp: 10945

Ion Ratio Lower Upper

56 100

55 70.9 54.7 82.1



#14

Allyl chloride

Concen: 19.18 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

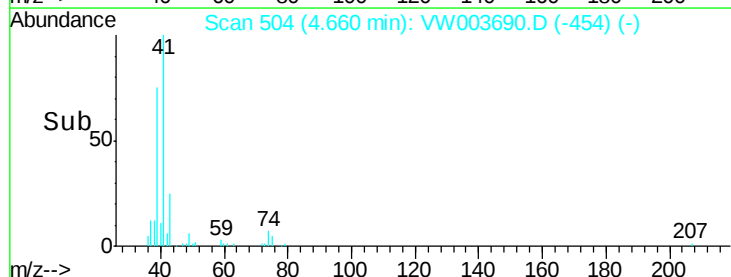
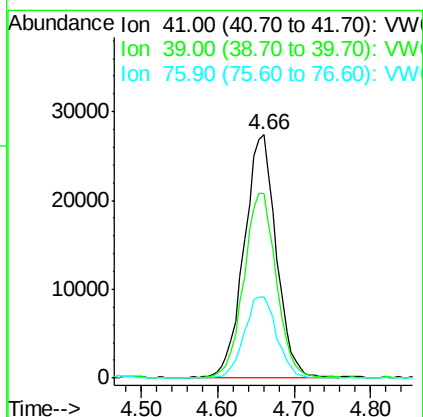
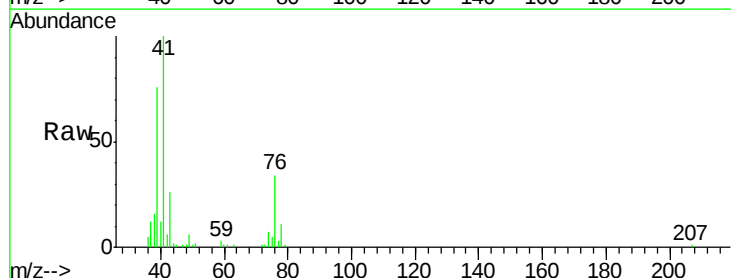
Tgt Ion: 41 Resp: 80503

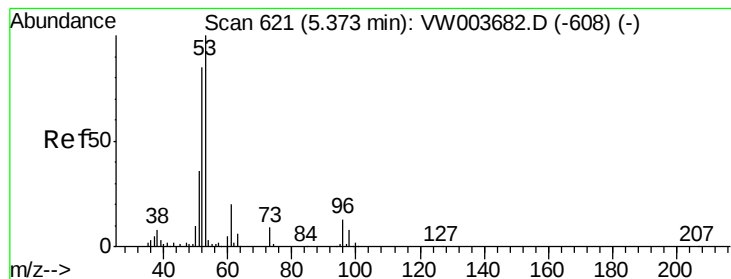
Ion Ratio Lower Upper

41 100

39 75.7 60.1 90.1

76 33.7 27.2 40.8





#15

Acrylonitrile

Concen: 89.92 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

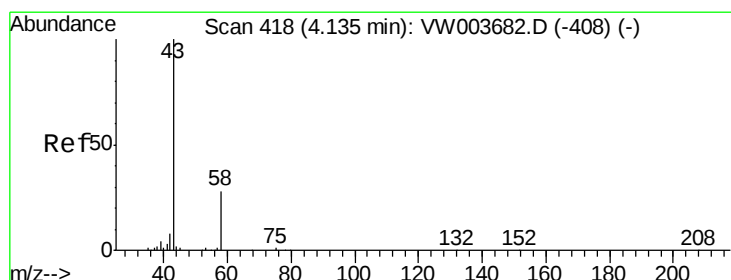
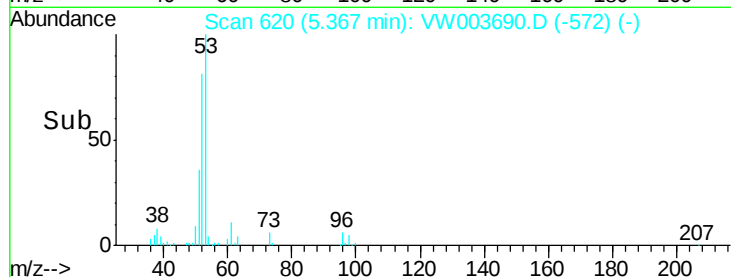
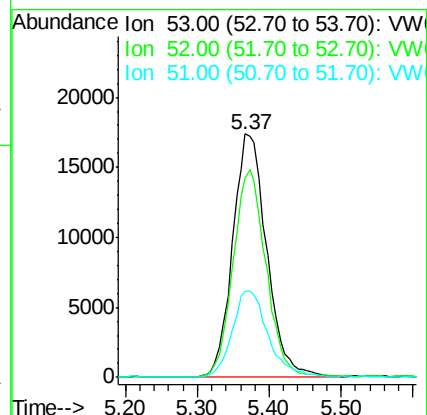
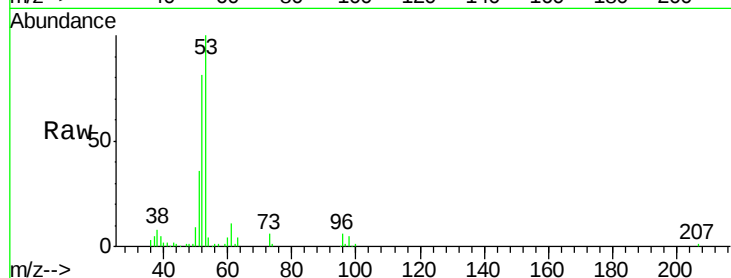
Tot Ion: 53 Resp: 57179

Ion Ratio Lower Upper

53 100

52 83.0 66.8 100.2

51 37.5 30.2 45.4



#16

Acetone

Concen: 93.38 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW003690.D

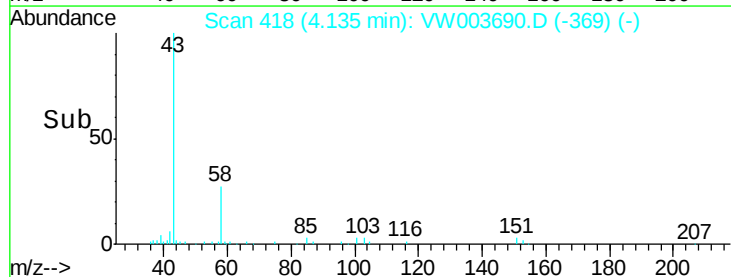
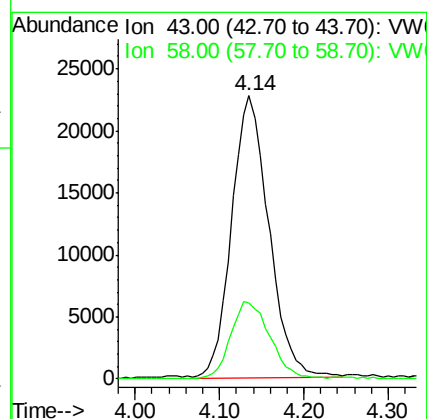
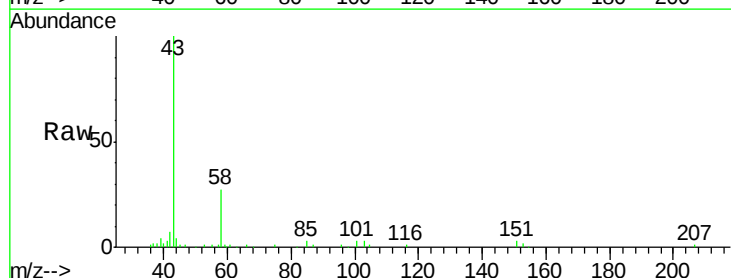
Acq: 03 Jul 2018 11:29

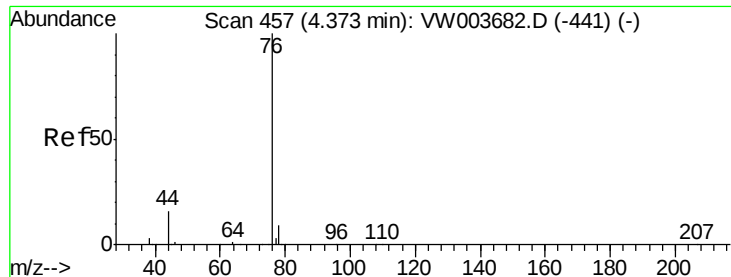
Tgt Ion: 43 Resp: 68129

Ion Ratio Lower Upper

43 100

58 26.9 22.7 34.1

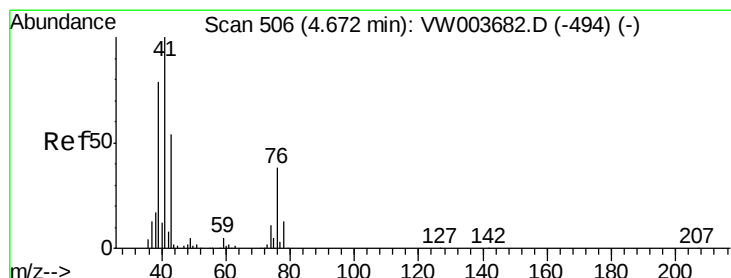
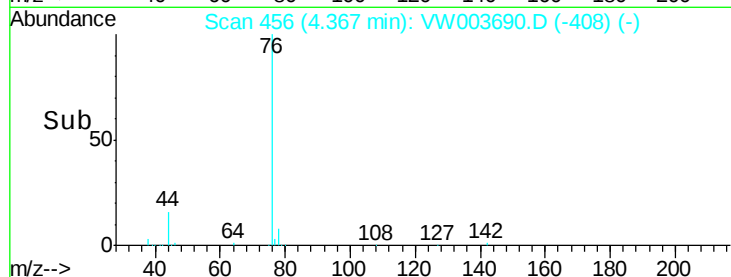
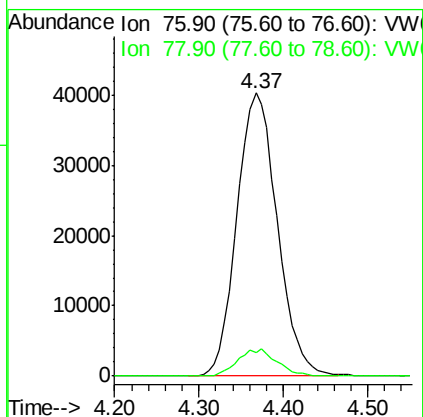
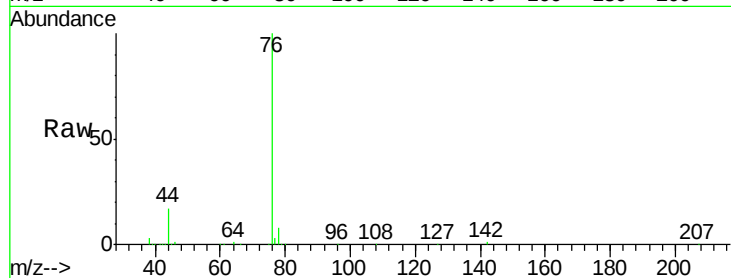




#17
Carbon Disulfide
Concen: 17.81 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

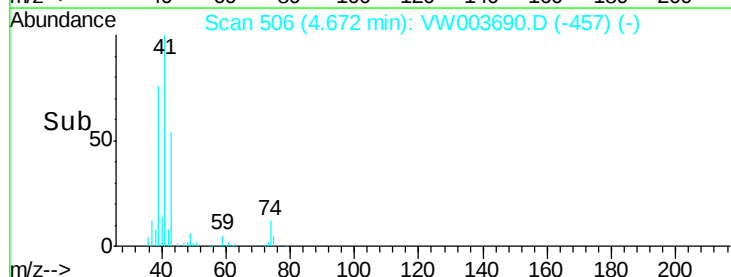
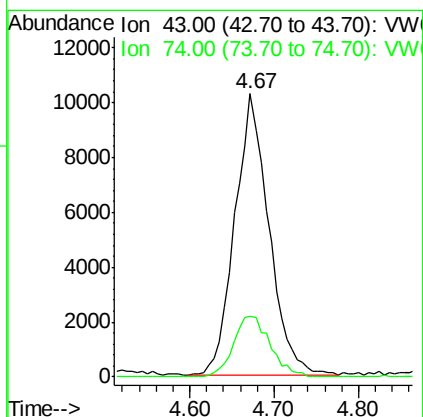
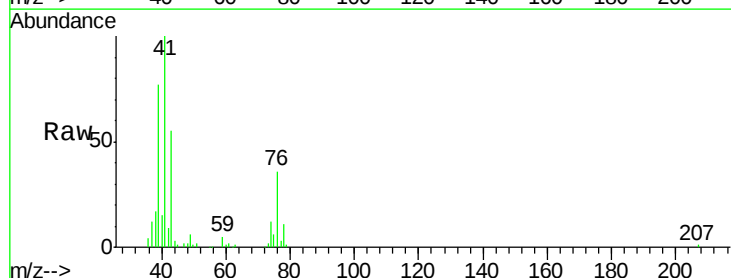
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

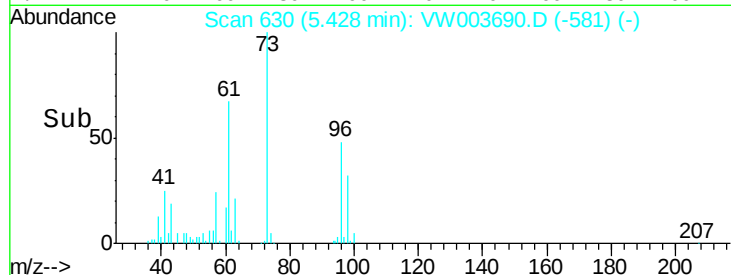
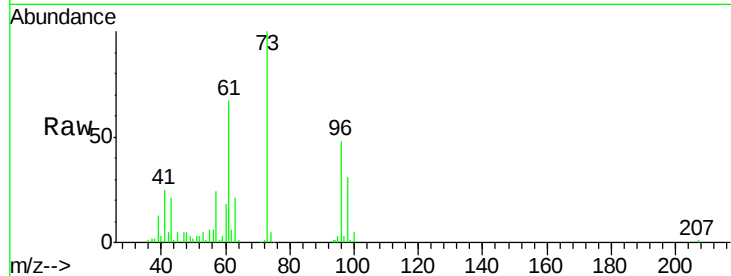
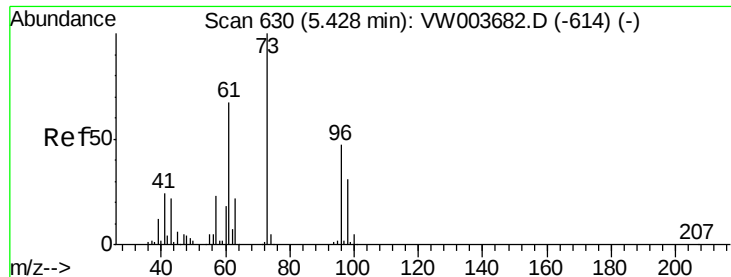
Tot Ion: 76 Resp: 131195
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#18
Methyl Acetate
Concen: 18.24 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 43 Resp: 28173
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.2

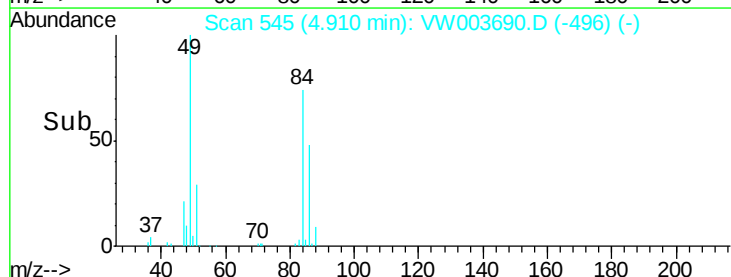
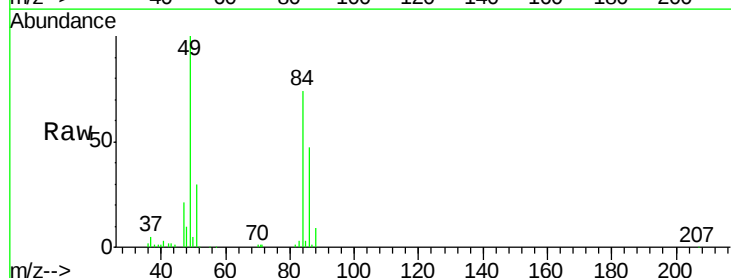
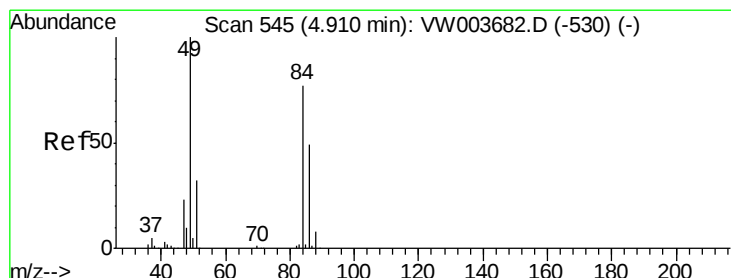
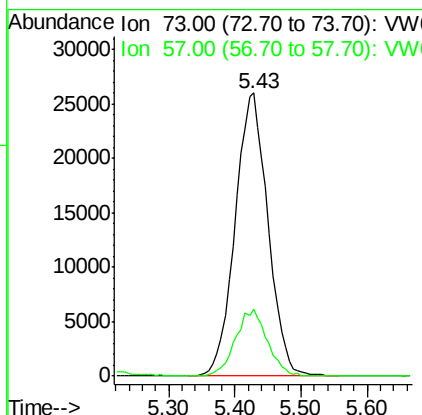




#19
Methvl tert-butvl Ether
Concen: 18.67 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

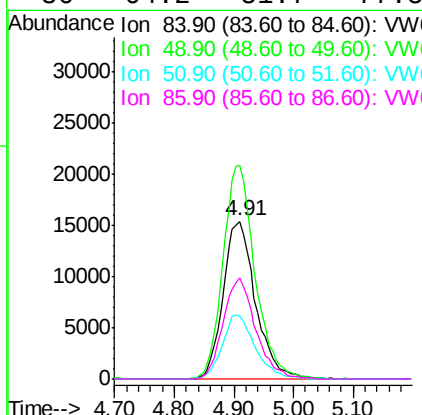
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

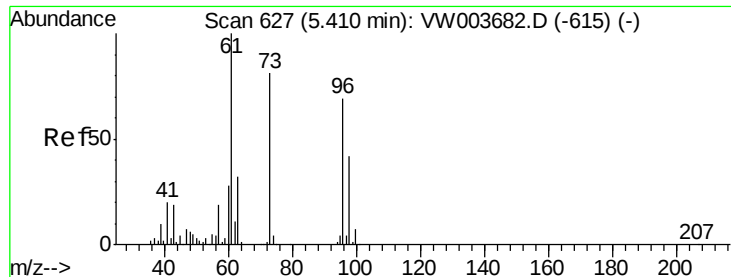
Tot Ion: 73 Resp: 89514
Ion Ratio Lower Upper
73 100
57 23.7 18.1 27.1



#20
Methylene Chloride
Concen: 18.75 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 84 Resp: 58246
Ion Ratio Lower Upper
84 100
49 135.5 104.6 156.8
51 40.0 33.2 49.8
86 64.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 18.82 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

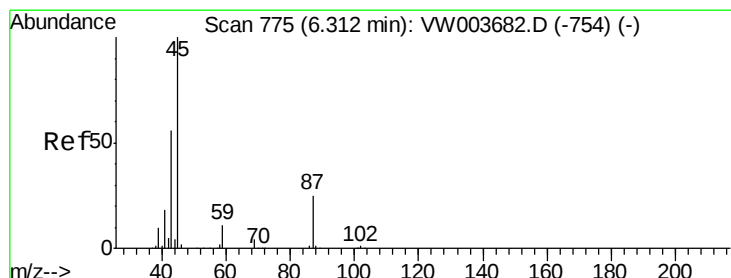
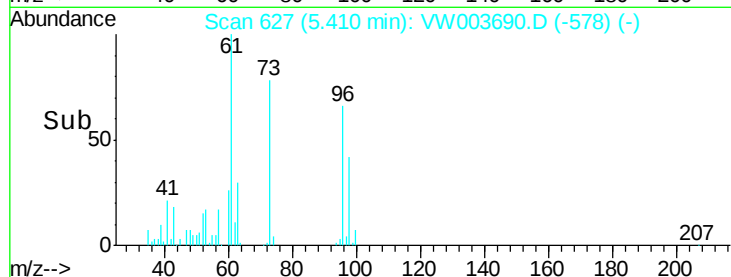
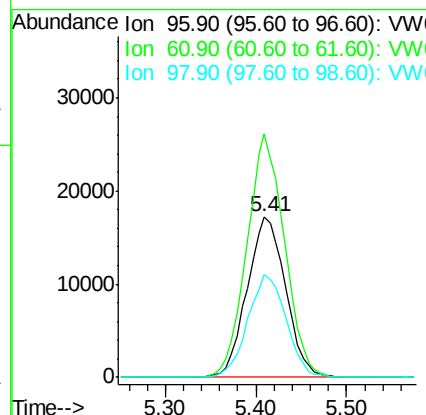
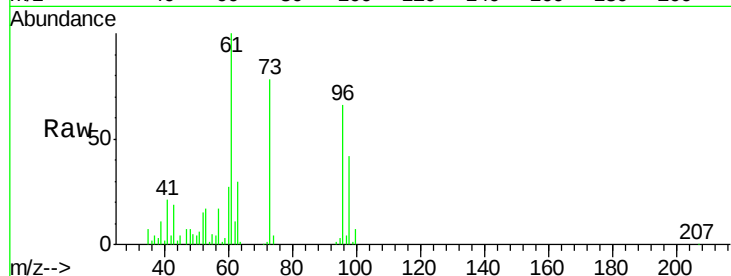
Tot Ion: 96 Resp: 50592

Ion Ratio Lower Upper

96 100

61 151.3 116.8 175.2

98 63.6 49.6 74.4



#22

Diisopropyl ether

Concen: 19.54 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Tgt Ion: 45 Resp: 168197

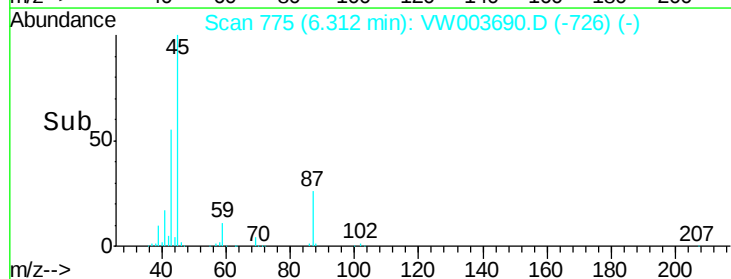
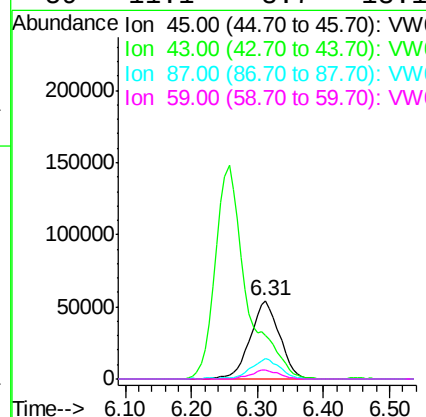
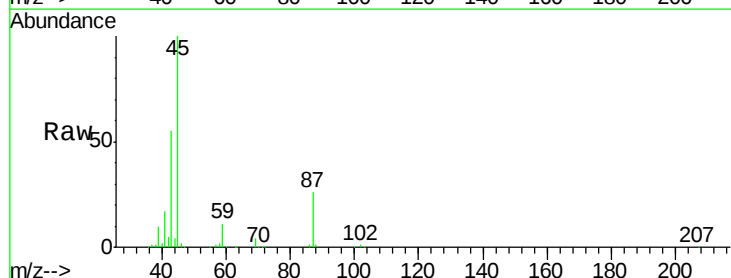
Ion Ratio Lower Upper

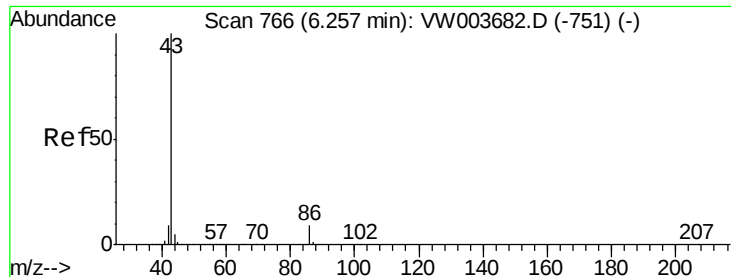
45 100

43 54.8 44.5 66.7

87 25.6 20.2 30.4

59 11.1 8.7 13.1

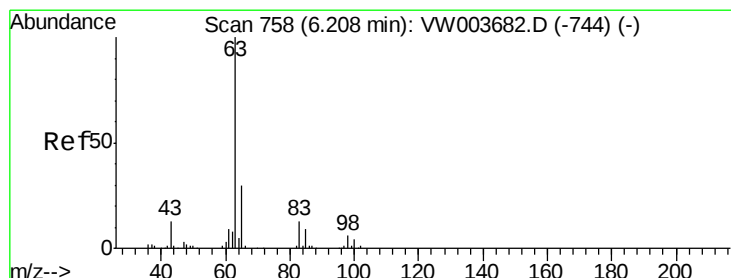
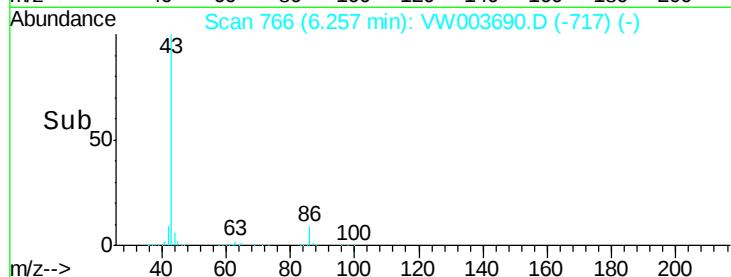
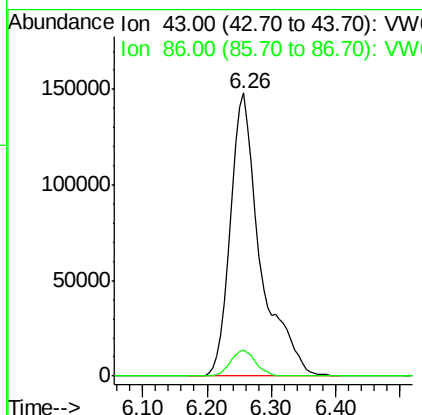
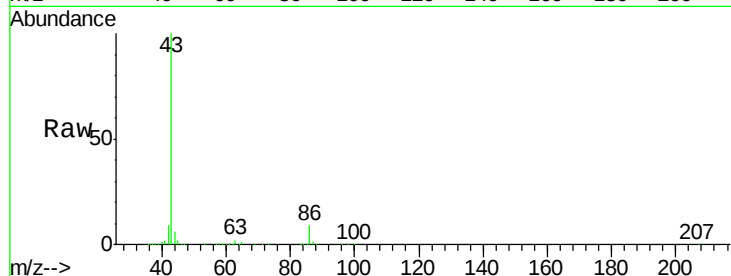




#23
 Vinyl Acetate
 Concen: 92.13 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

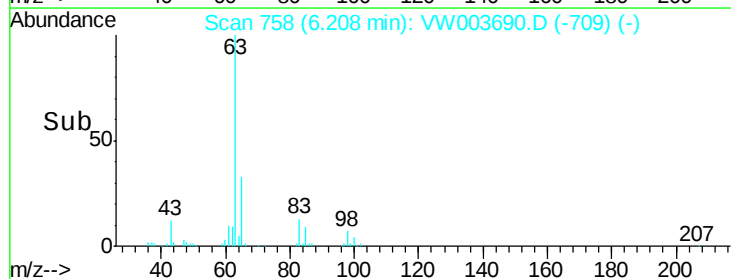
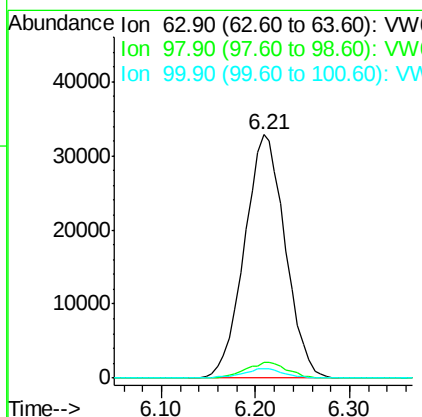
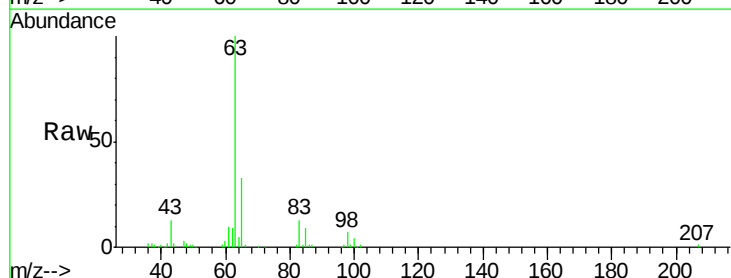
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

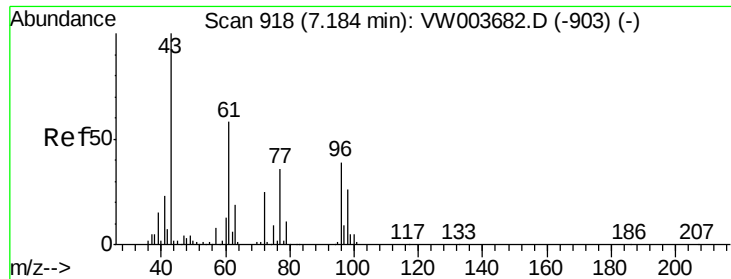
Tot Ion: 43 Resp: 483454
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.33 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion: 63 Resp: 99227
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 4.0 1.9 5.7

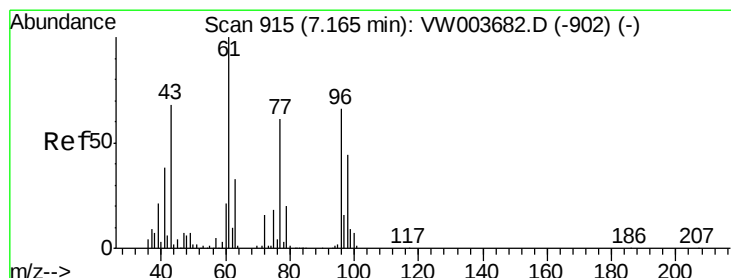
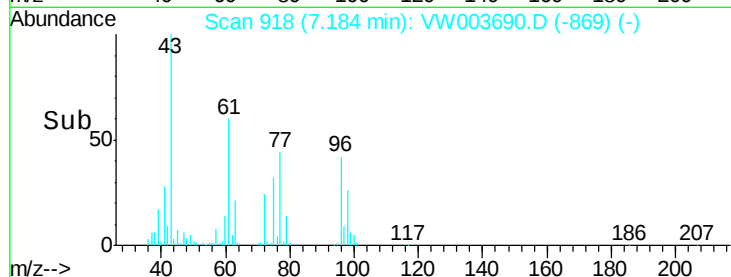
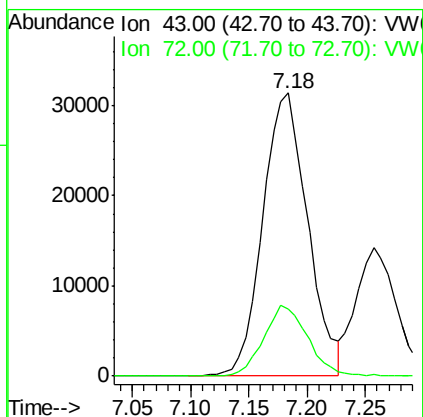
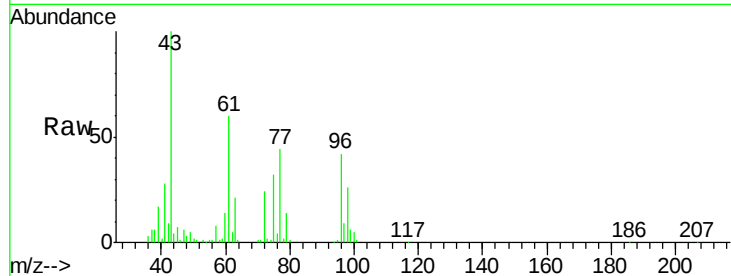




#25
2-Butanone
Concen: 90.09 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

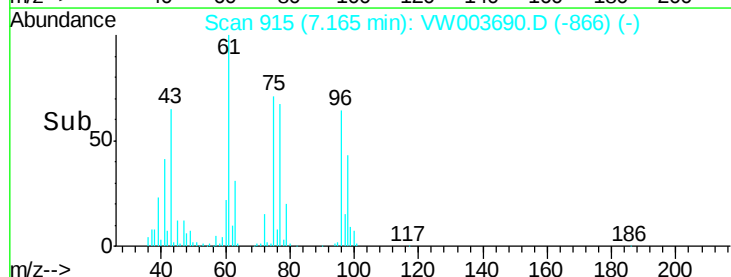
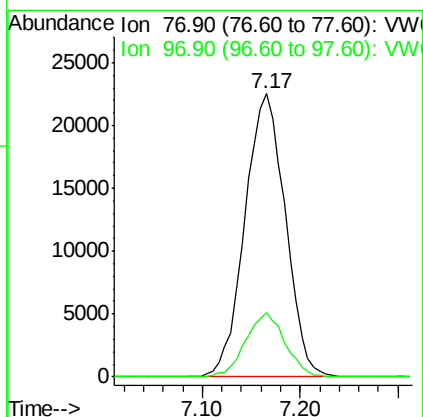
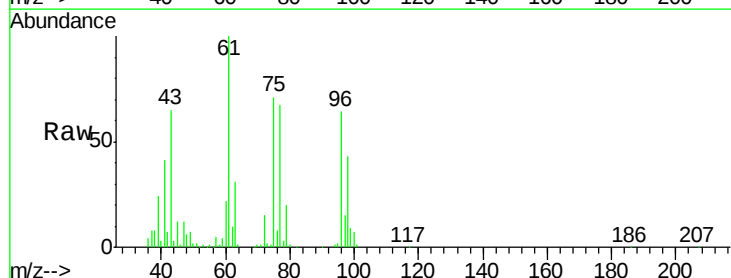
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

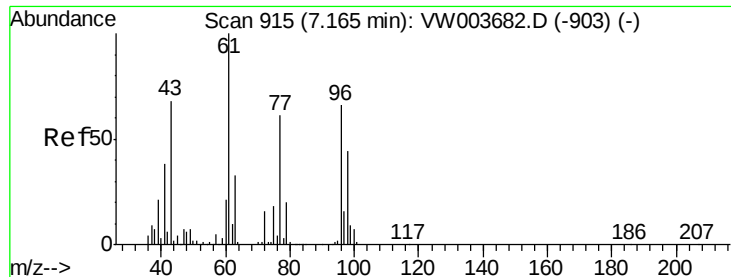
Tot Ion: 43 Resp: 84171
Ion Ratio Lower Upper
43 100
72 23.6 20.2 30.4



#26
2,2-Dichloropropane
Concen: 20.56 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 77 Resp: 64695
Ion Ratio Lower Upper
77 100
97 22.1 11.7 35.1



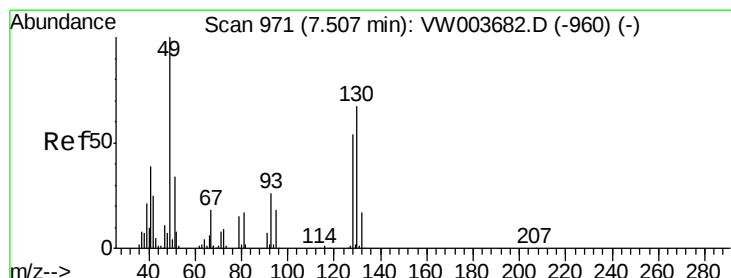
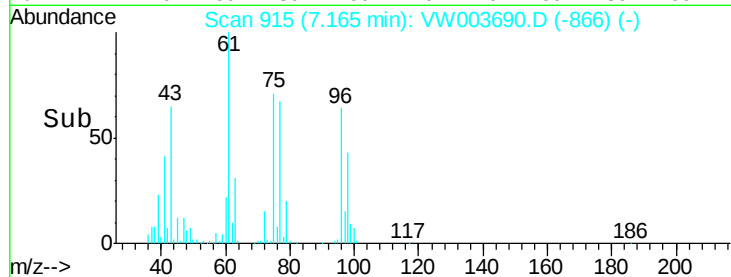
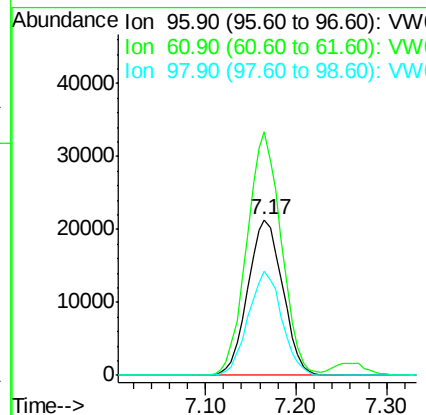
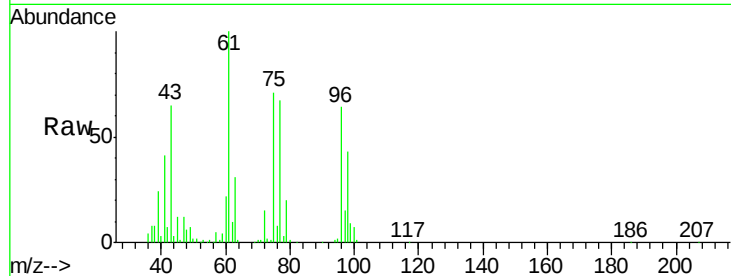


#27

cis-1,2-Dichloroethene
 Concen: 19.39 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

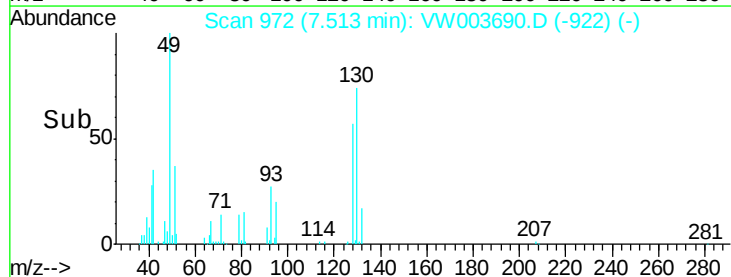
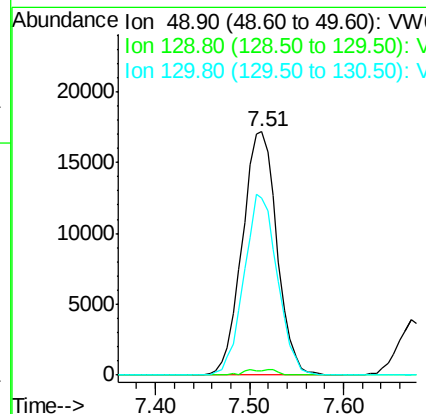
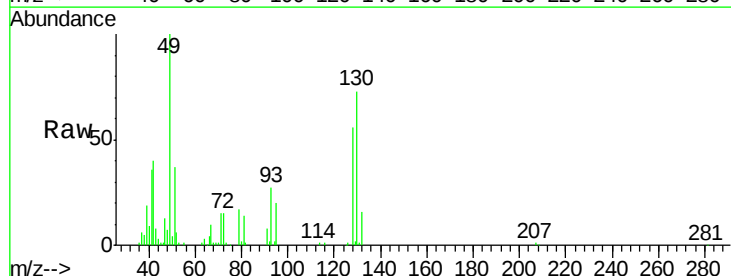
Tot Ion	96	Resp	56766
Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	305.0
98	64.6	0.0	129.6

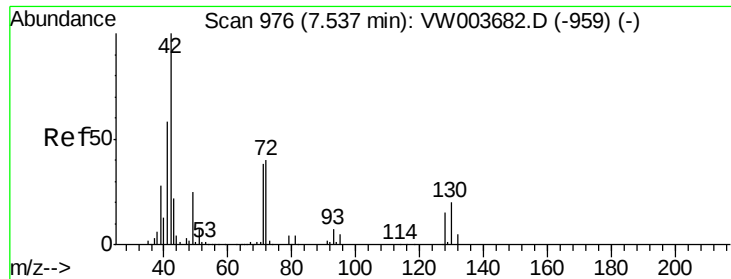


#28

Bromochloromethane
 Concen: 19.60 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	49	Resp	44206
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.0
130	71.5	57.0	85.6

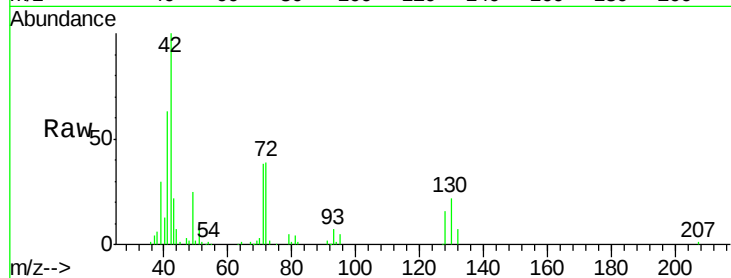




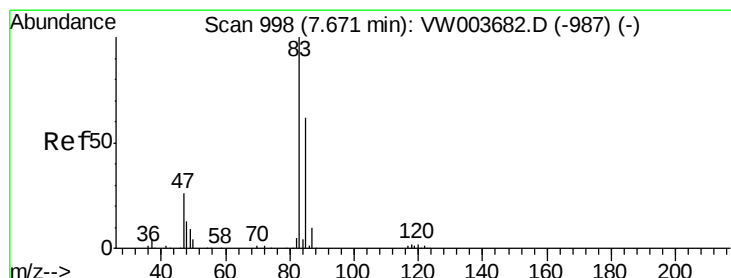
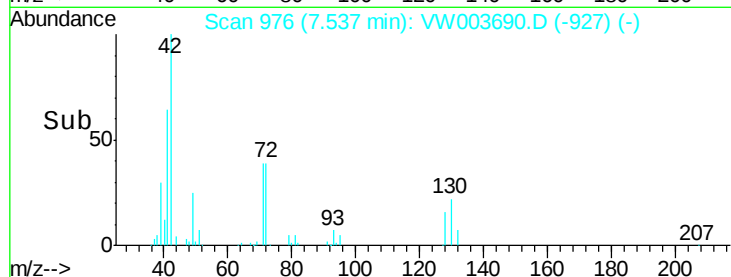
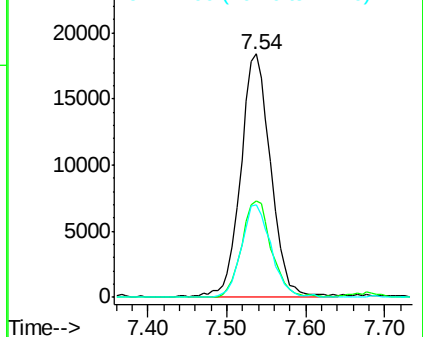
#29
Tetrahydrofuran
Concen: 87.08 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion: 42 Resp: 48770
Ion Ratio Lower Upper
42 100
72 39.4 32.0 48.0
71 37.5 30.2 45.2

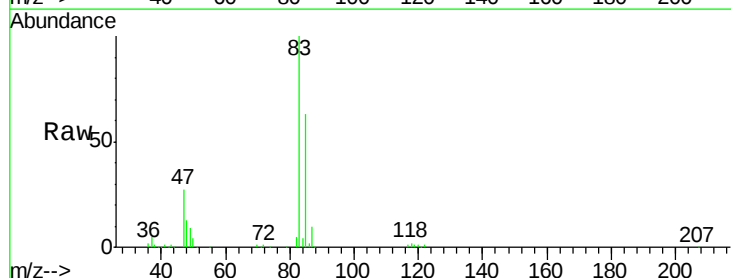


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

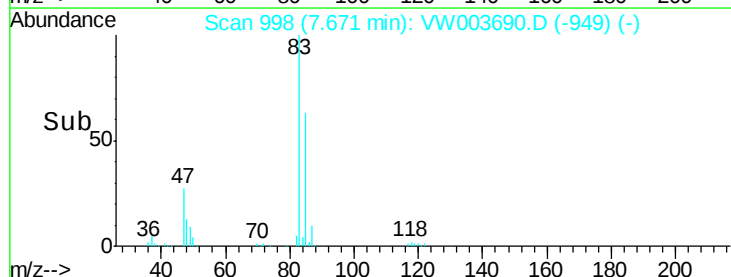
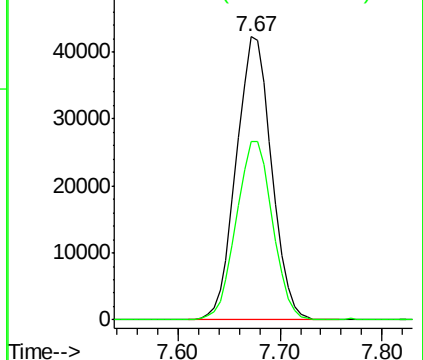


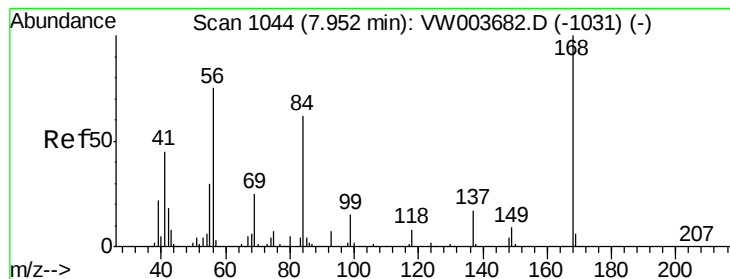
#30
Chloroform
Concen: 19.63 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 83 Resp: 101872
Ion Ratio Lower Upper
83 100
85 63.0 49.7 74.5



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 19.03 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

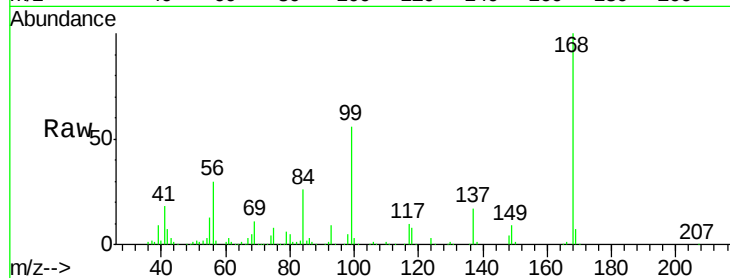
Tot Ion: 56 Resp: 88906

Ion Ratio Lower Upper

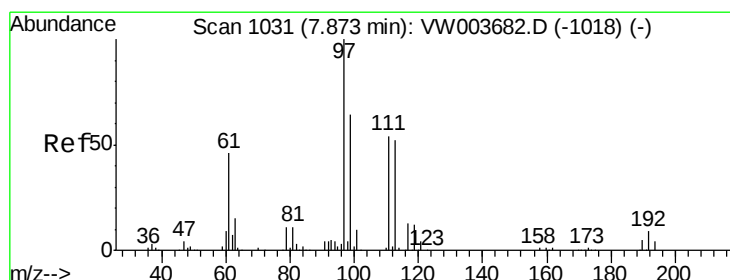
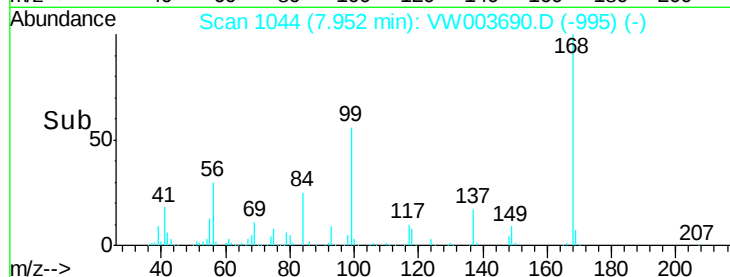
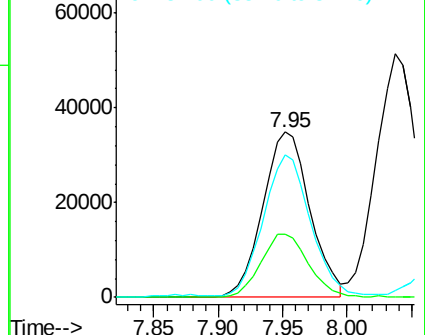
56 100

69 38.1 27.0 40.4

84 84.7 65.4 98.0



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: 19.90 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

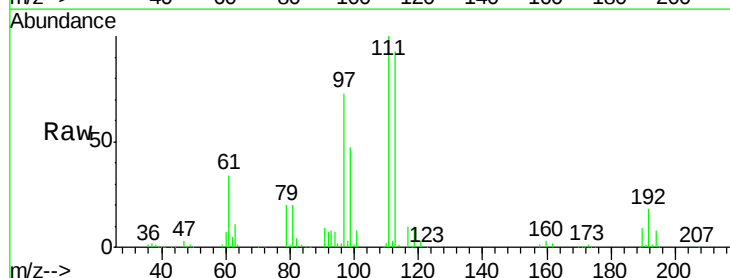
Tgt Ion: 97 Resp: 80396

Ion Ratio Lower Upper

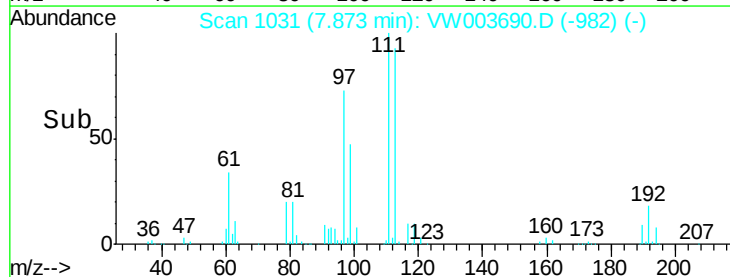
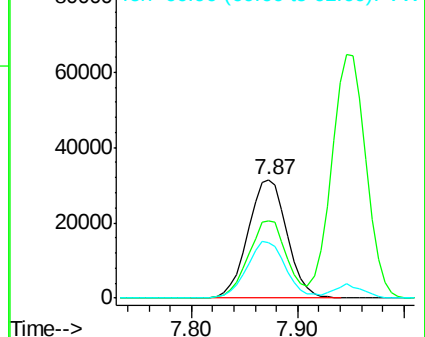
97 100

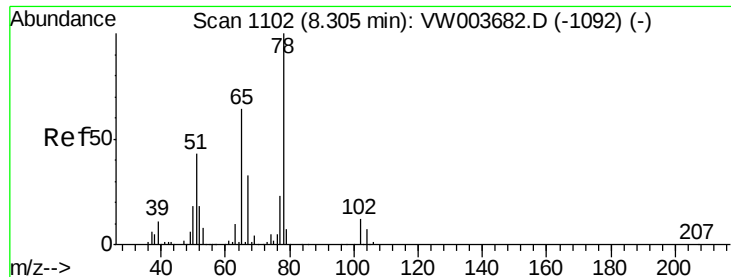
99 65.0 50.6 76.0

61 47.9 37.2 55.8



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: 48.12 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

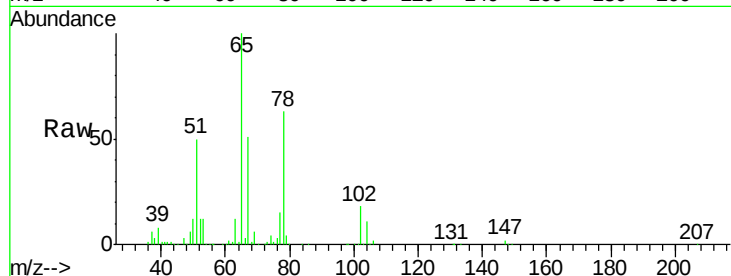
VW0703SBS01

Tot Ion: 65 Resp: 147081

Ion Ratio Lower Upper

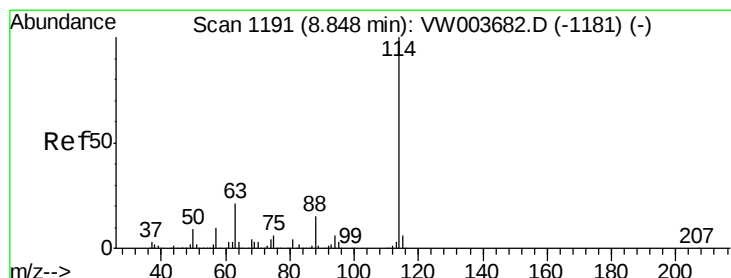
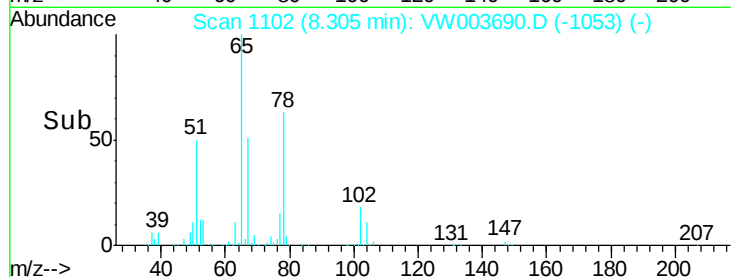
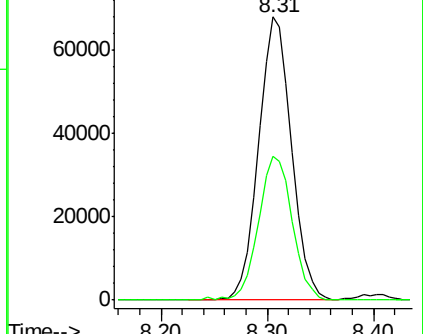
65 100

67 52.4 0.0 104.0



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: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

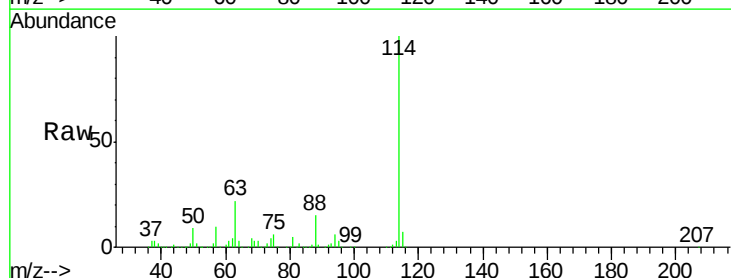
Tgt Ion: 114 Resp: 400945

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.6

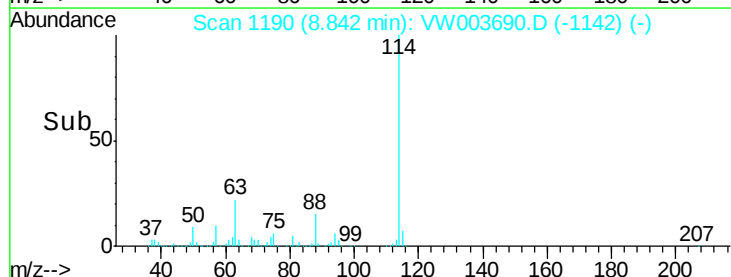
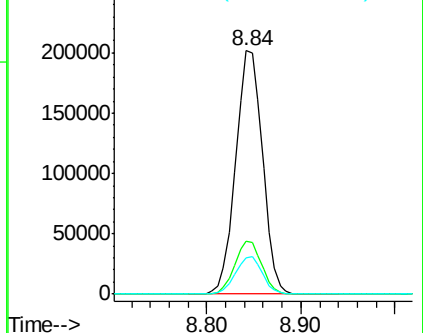
88 15.1 0.0 29.8

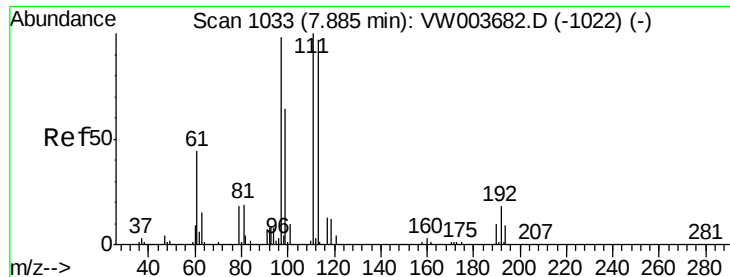


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

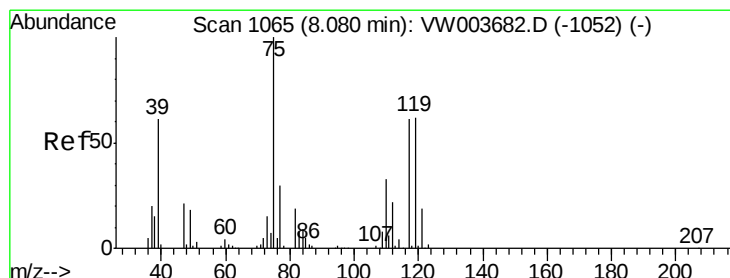
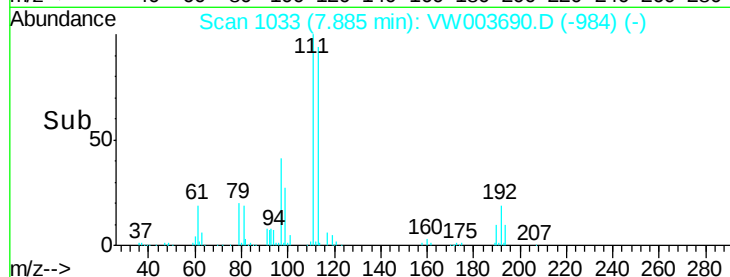
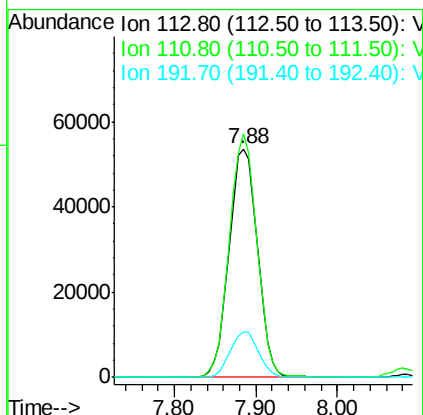
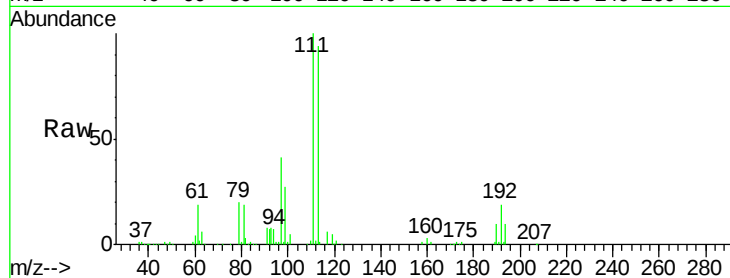




#35
 Dibromofluoromethane
 Concen: 49.25 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

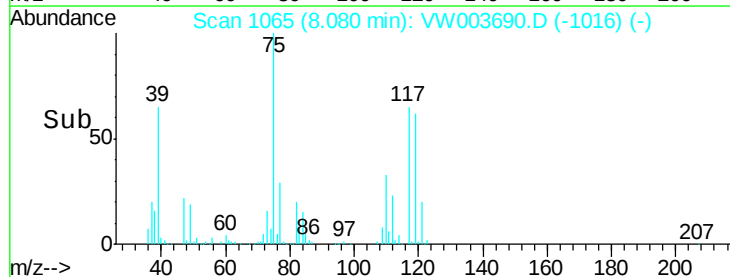
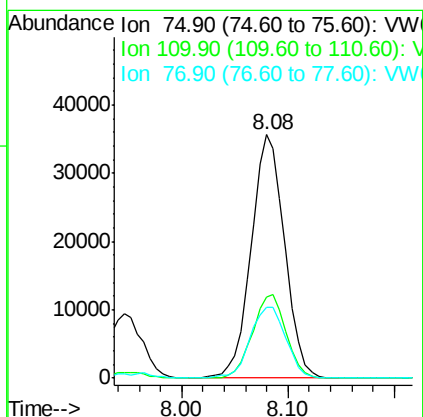
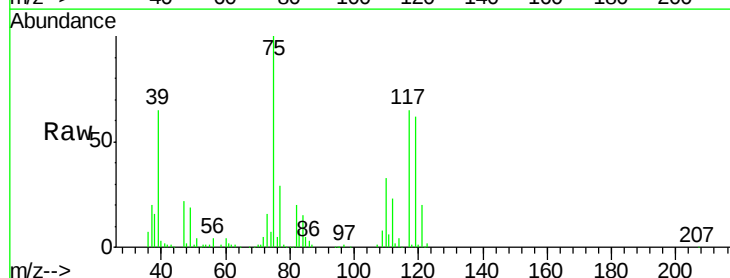
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

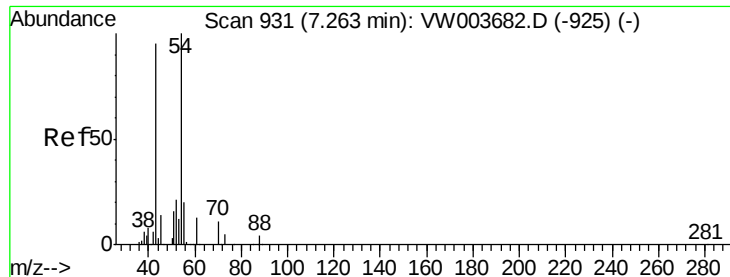
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	19.8	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 19.54 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.9	50.6
77	31.6	24.9	37.3

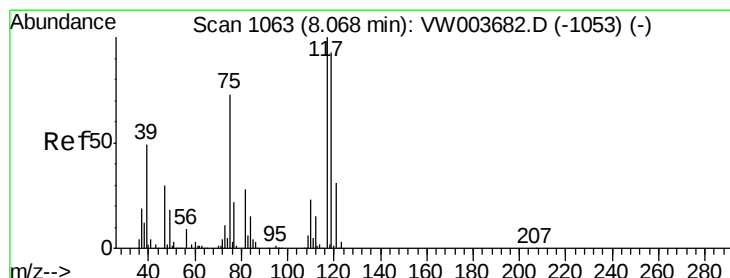
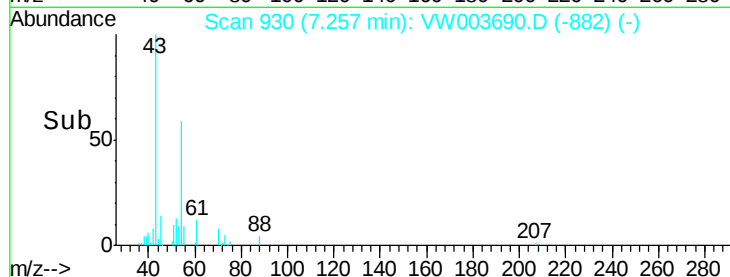
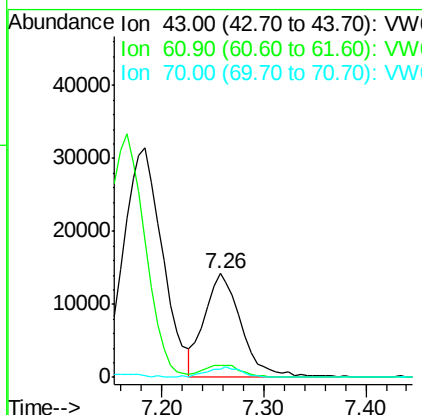
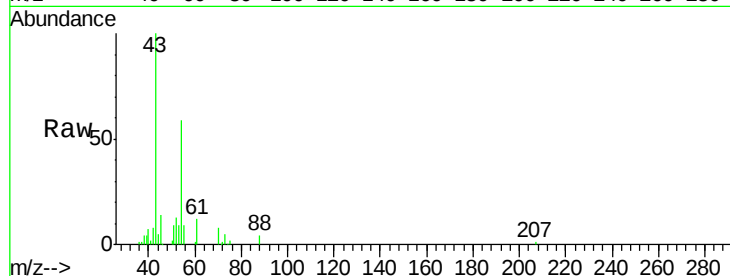




#37
Ethyl Acetate
Concen: 17.96 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

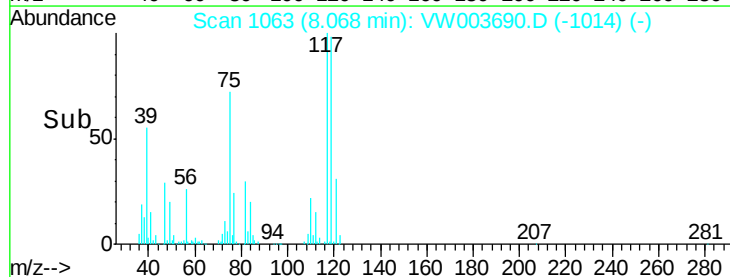
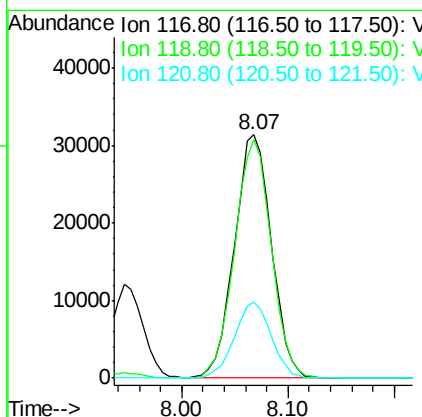
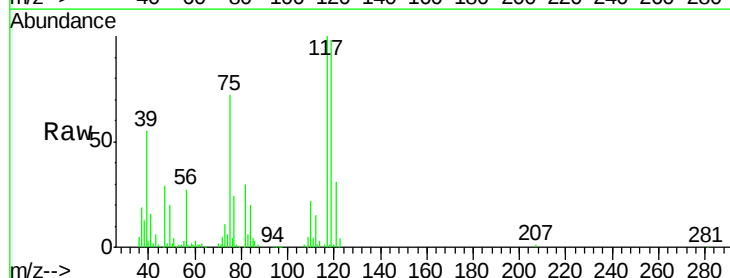
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

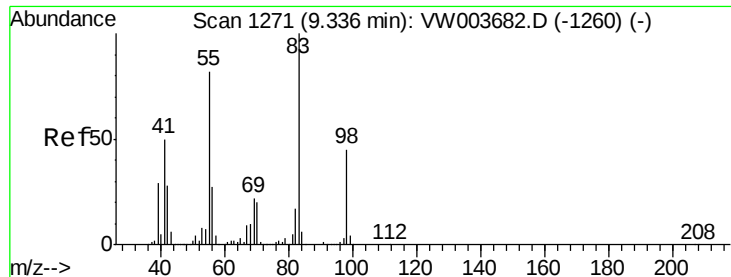
Tot Ion: 43 Resp: 35188
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.06 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 117 Resp: 76814
Ion Ratio Lower Upper
117 100
119 98.1 74.1 111.1
121 31.4 25.0 37.4

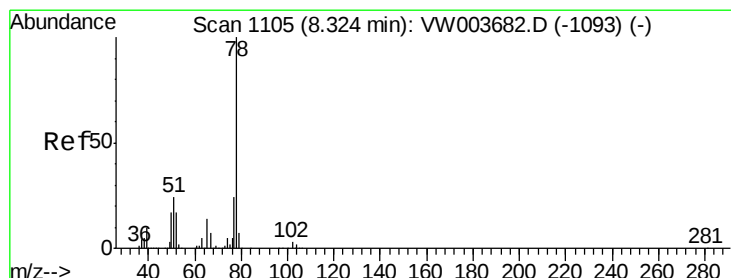
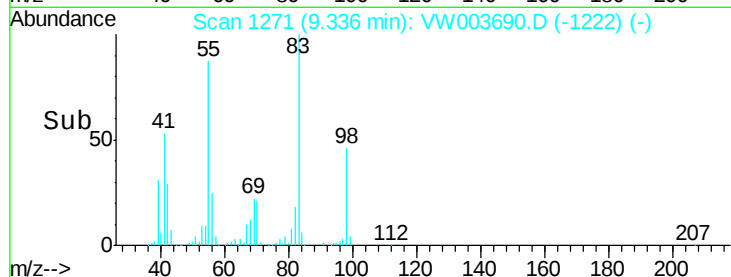
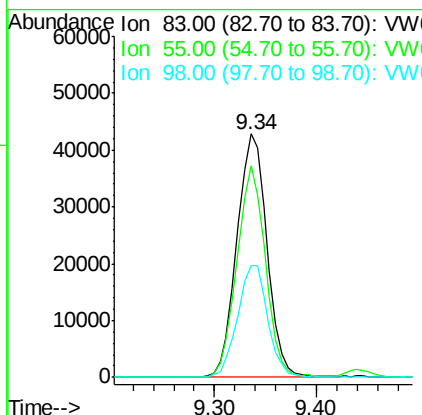
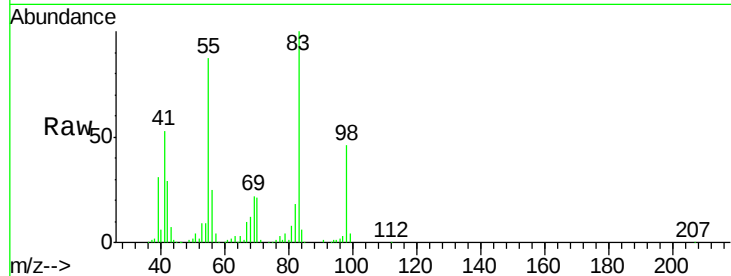




#39
Methvlcvclohexane
Concen: 19.00 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

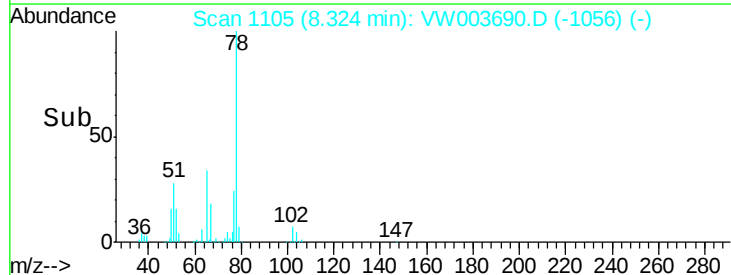
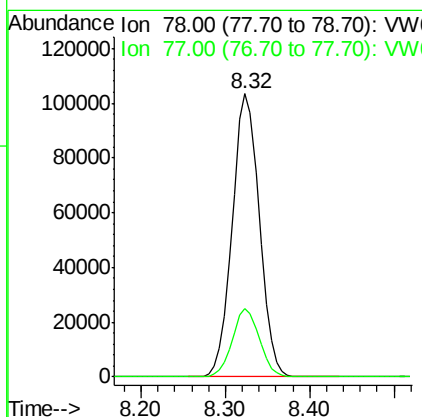
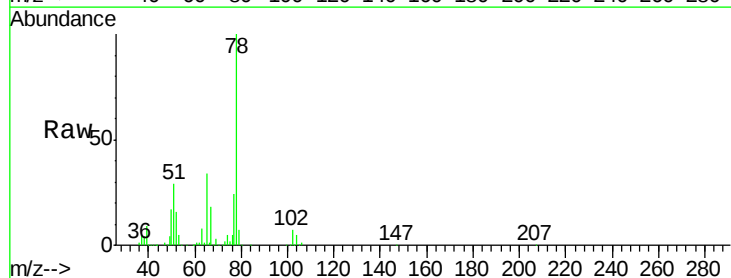
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

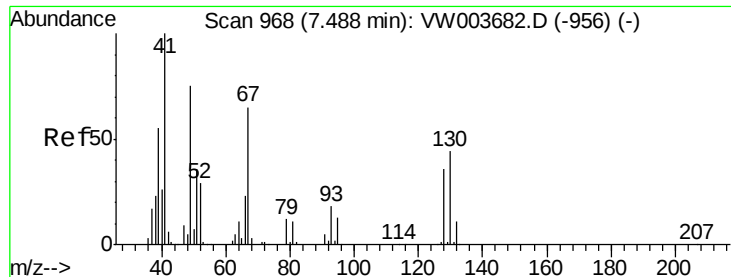
Tot Ion: 83 Resp: 88046
Ion Ratio Lower Upper
83 100
55 86.9 65.3 97.9
98 45.8 36.3 54.5



#40
Benzene
Concen: 19.85 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 78 Resp: 224510
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

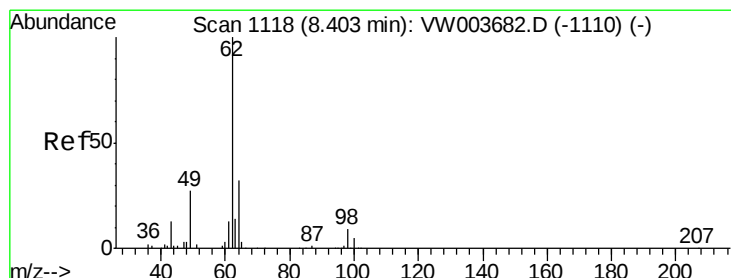
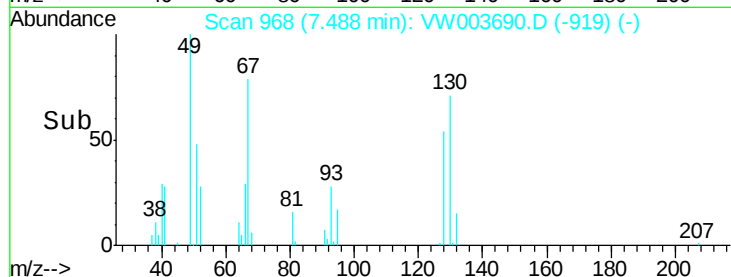
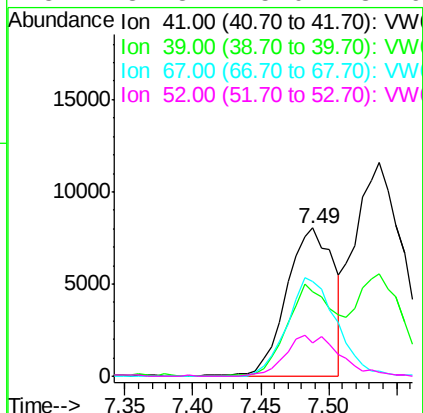
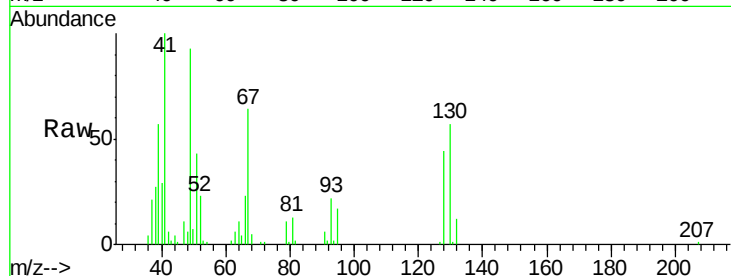




#41
Methacrylonitrile
Concen: 17.39 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

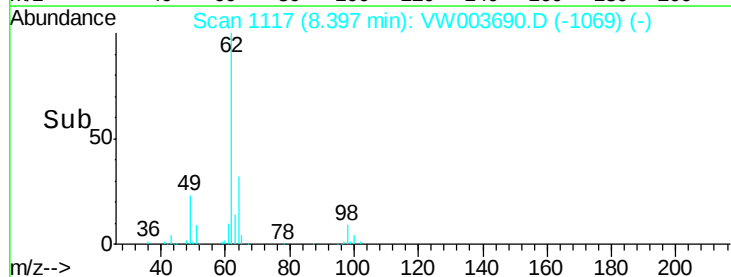
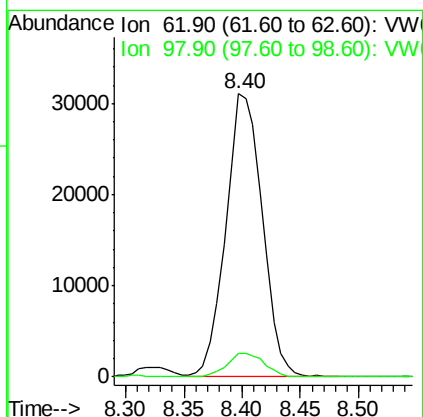
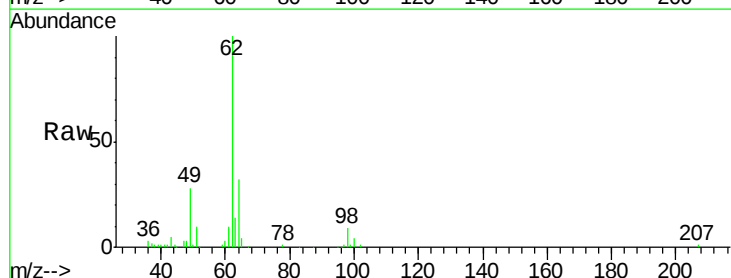
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

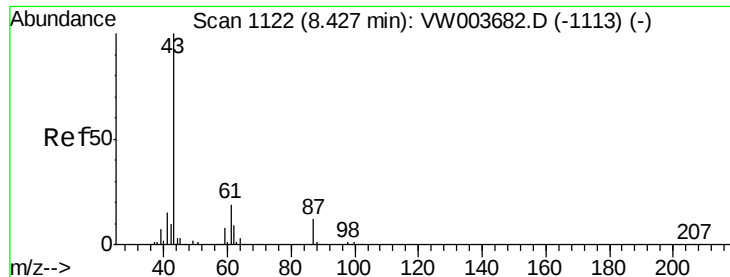
Tot Ion:	41	Resp:	19361
Ion	Ratio	Lower	Upper
41	100		
39	64.7	47.8	71.8
67	69.8	53.9	80.9
52	31.8	25.0	37.6



#42
1,2-Dichloroethane
Concen: 19.01 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion:	62	Resp:	67722
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2



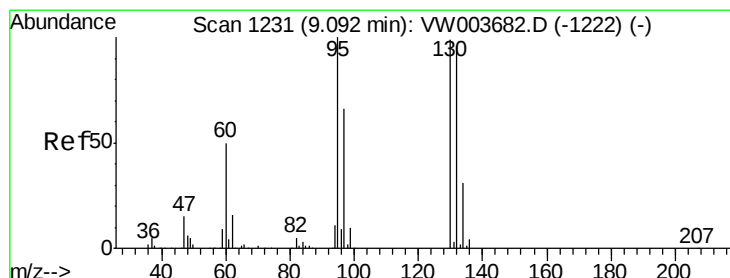
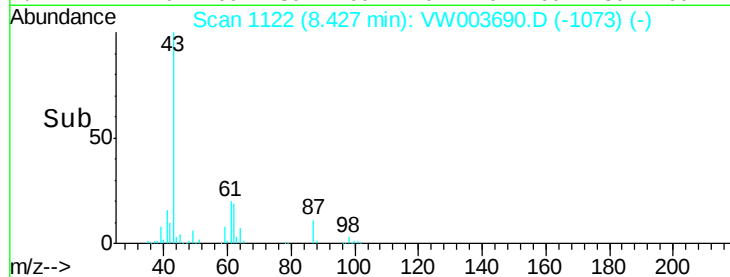
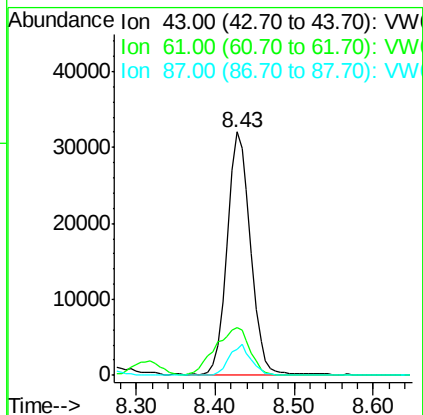
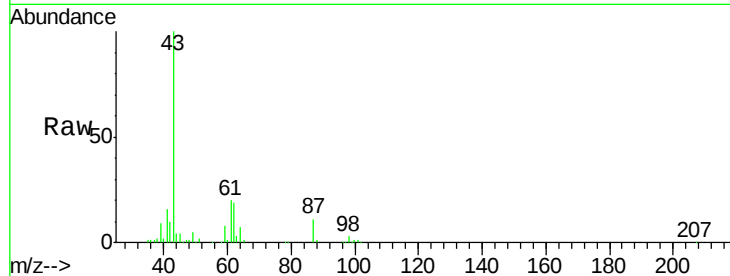


#43

Isopropyl Acetate
 Concen: 17.81 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

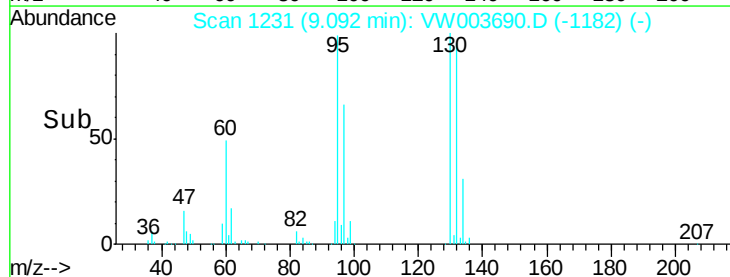
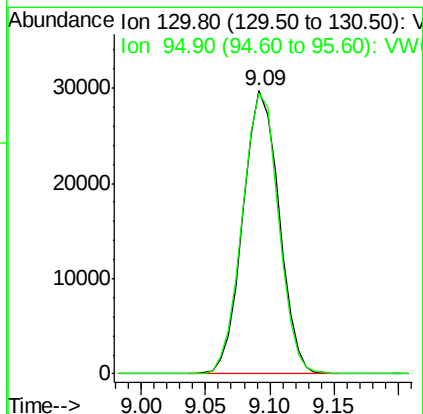
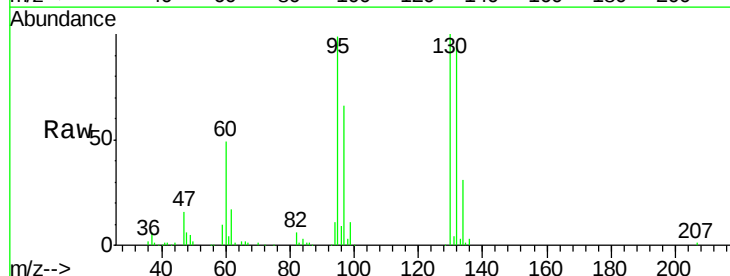
Tot Ion	43	Resp	65702
Ion Ratio	Lower	Upper	
43	100		
61	29.3	23.0	34.6
87	11.9	9.8	14.6

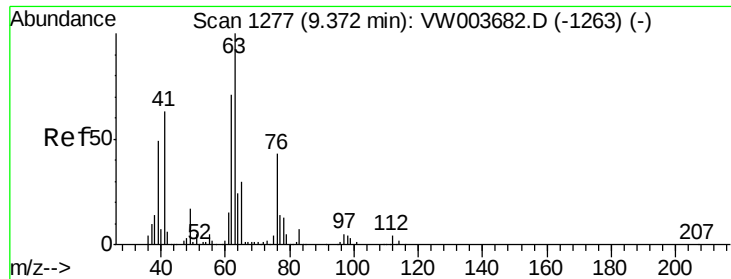


#44

Trichloroethene
 Concen: 19.79 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	130	Resp	57875
Ion Ratio	Lower	Upper	
130	100		
95	99.2	0.0	202.6

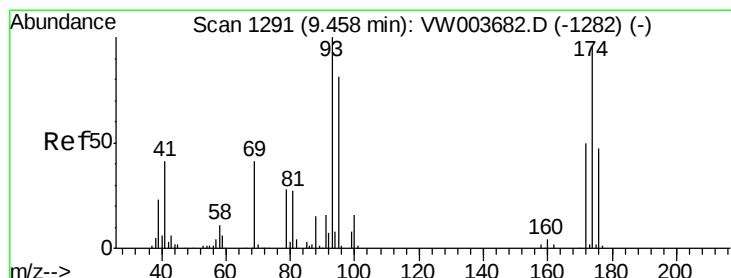
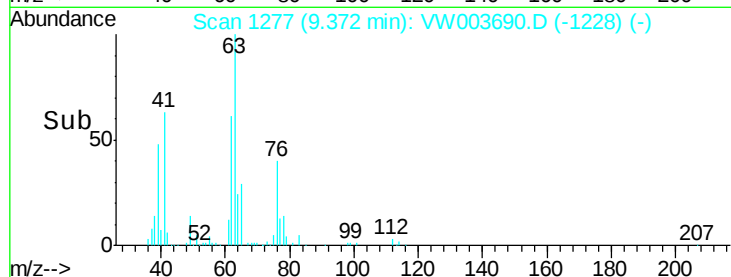
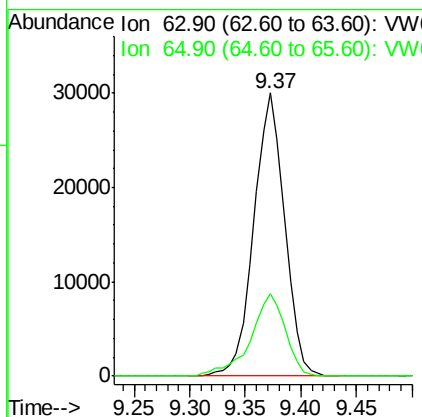
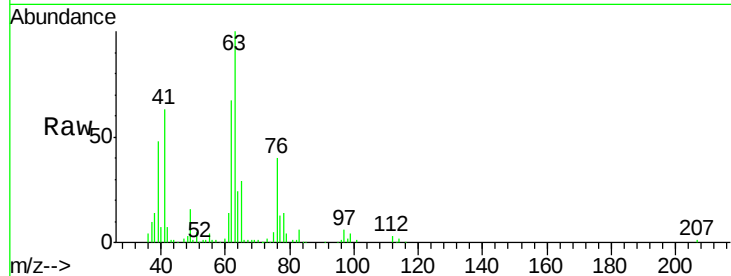




#45
 1,2-Dichloropropane
 Concen: 19.79 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

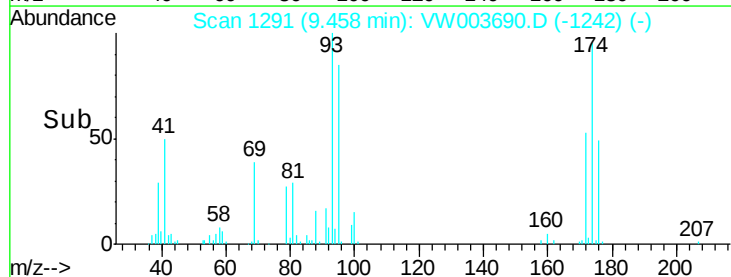
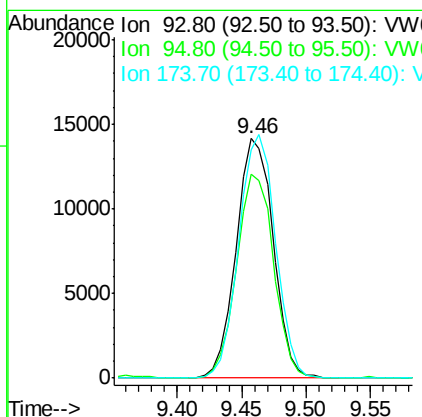
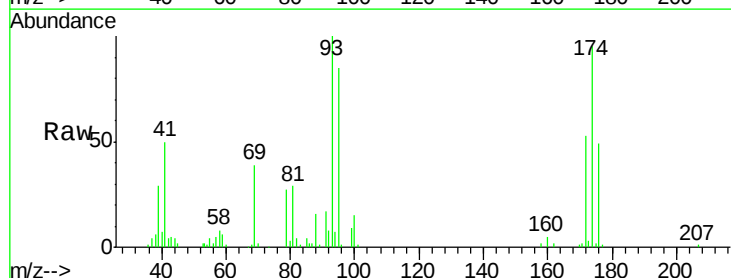
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

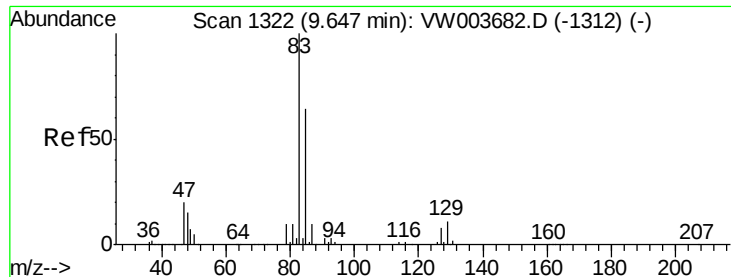
Tot Ion: 63 Resp: 58066
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.3 36.5



#46
 Dibromomethane
 Concen: 18.57 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion: 93 Resp: 28296
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.2 99.4
 174 100.5 79.6 119.4





#47

Bromodichloromethane

Concen: 19.96 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampled :

VW0703SBS01

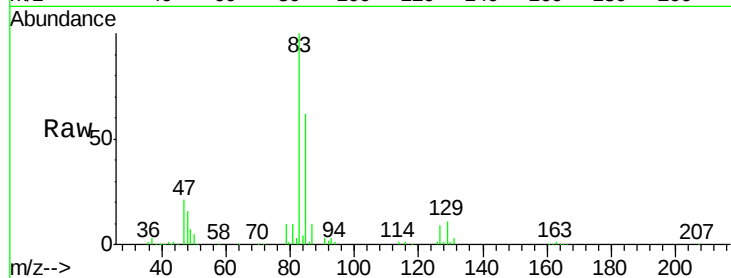
Tot Ion: 83 Resp: 75184

Ion Ratio Lower Upper

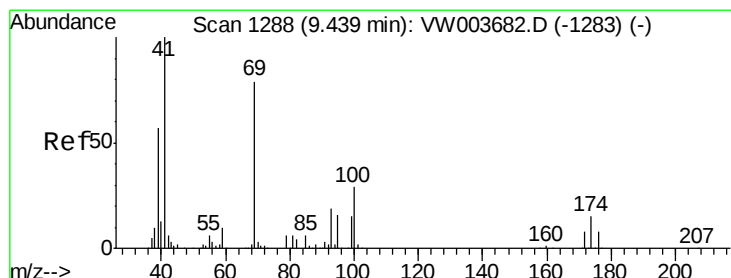
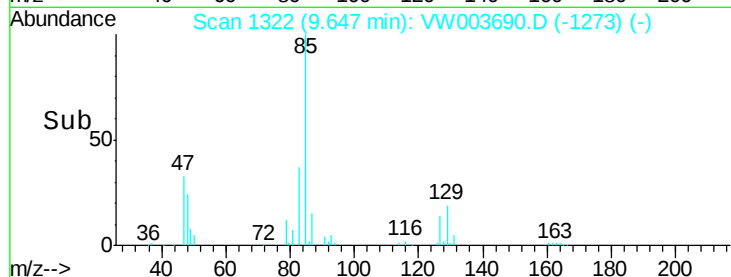
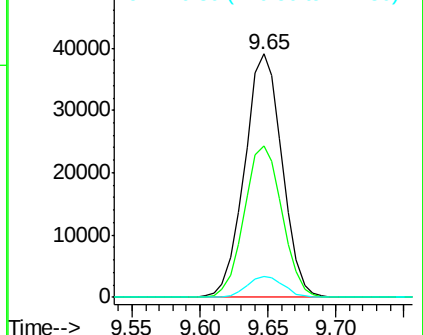
83 100

85 62.1 51.1 76.7

127 8.6 6.5 9.7



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): VW



#48

Methyl methacrylate

Concen: 17.94 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

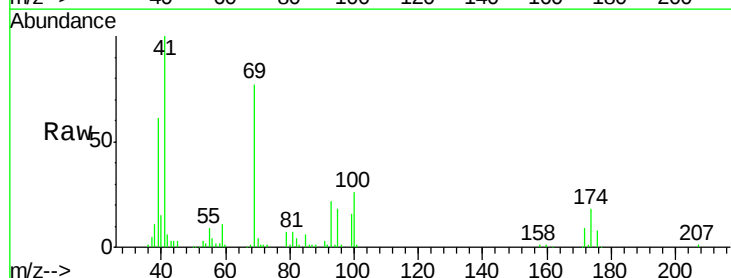
Tgt Ion: 41 Resp: 30466

Ion Ratio Lower Upper

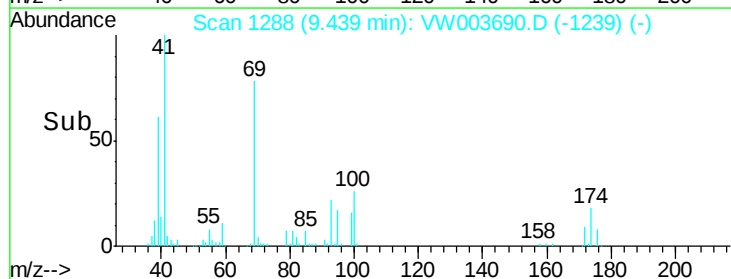
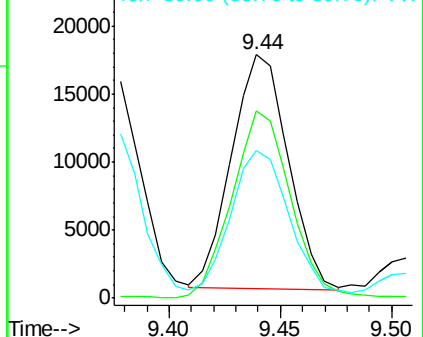
41 100

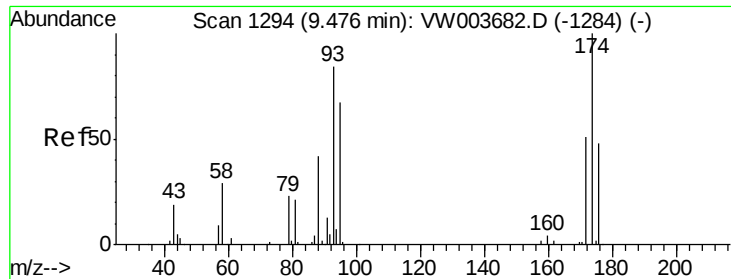
69 83.6 65.4 98.2

39 66.6 50.0 75.0



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

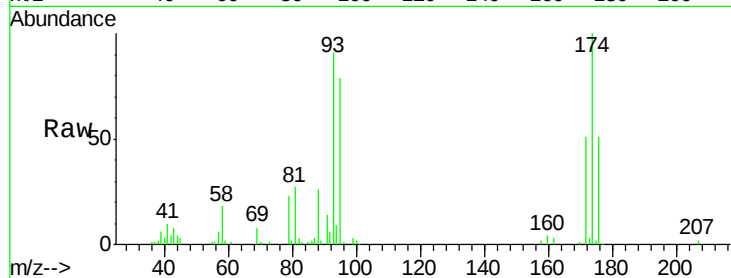




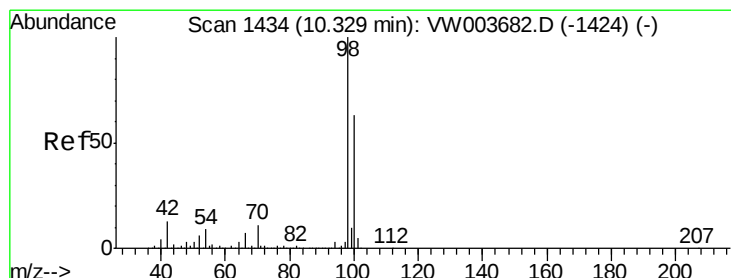
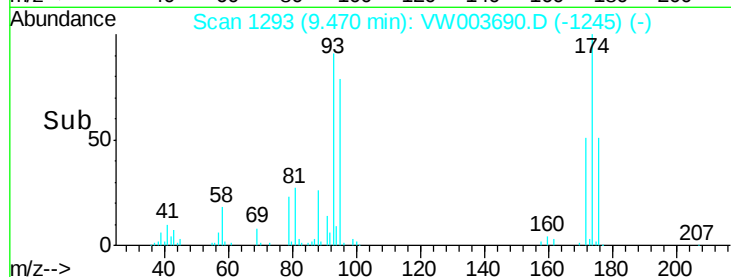
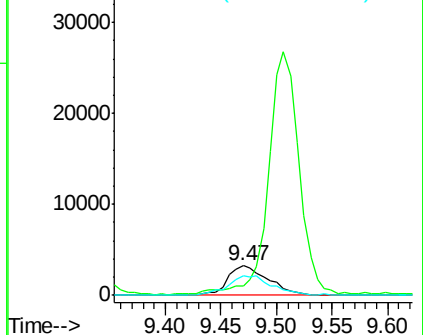
#49
1,4-Dioxane
Concen: 345.75 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion: 88 Resp: 8266
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.5 61.8 92.6

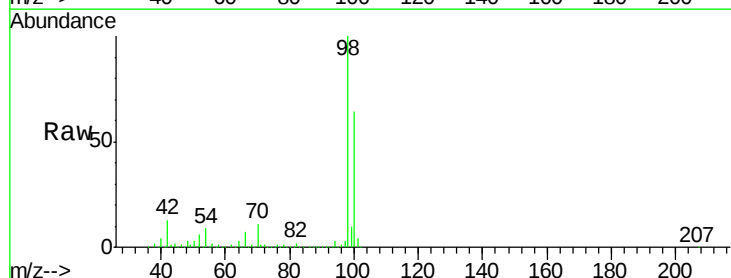


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

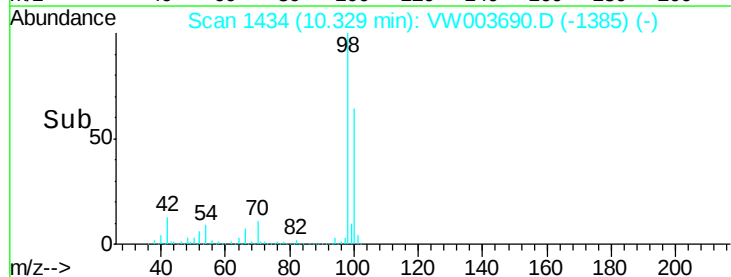
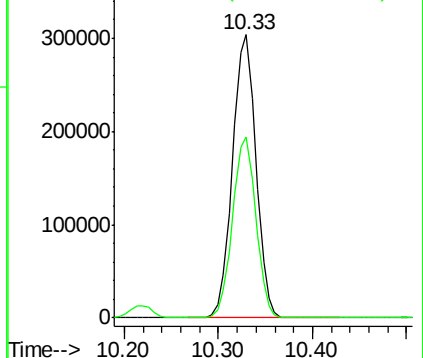


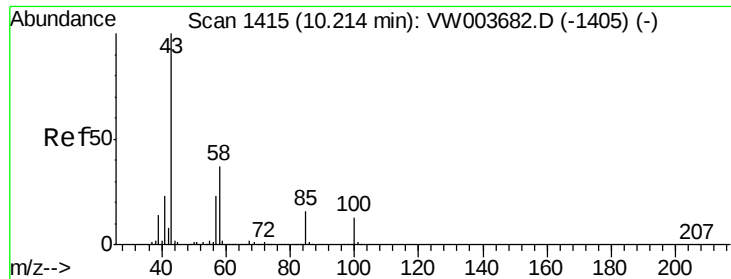
#50
Toluene-d8
Concen: 51.18 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 98 Resp: 525371
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2



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

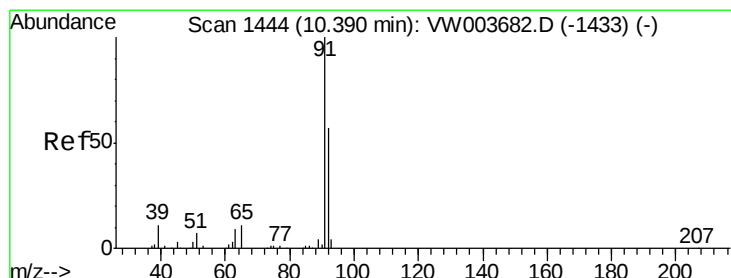
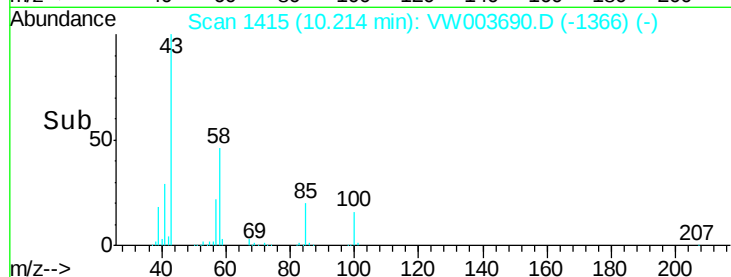
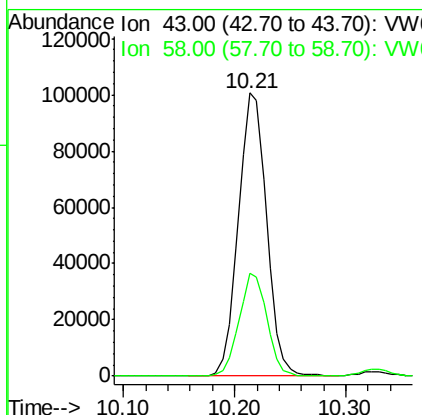
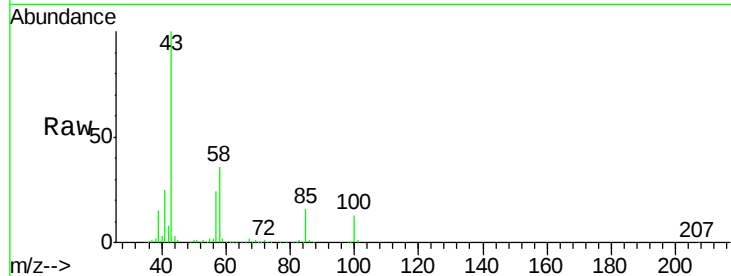




#51
 4-Methyl-2-Pentanone
 Concen: 90.96 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

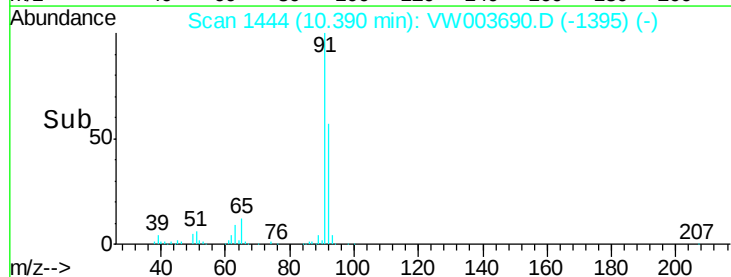
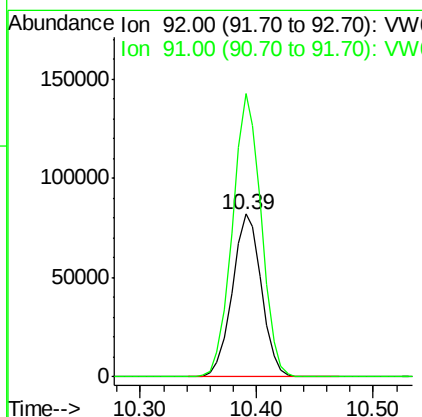
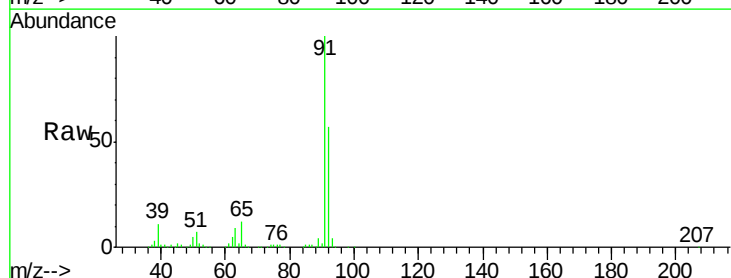
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

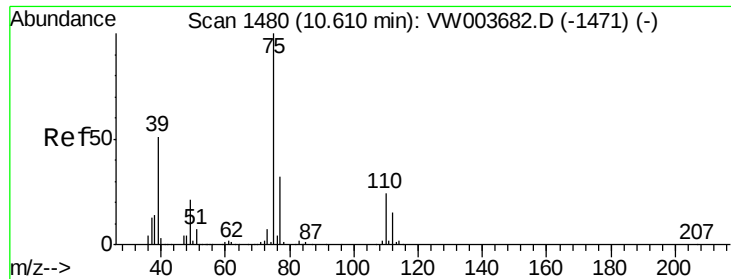
Tot Ion: 43 Resp: 176848
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.6 44.4



#52
 Toluene
 Concen: 20.07 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion: 92 Resp: 141683
 Ion Ratio Lower Upper
 92 100
 91 172.7 140.2 210.2

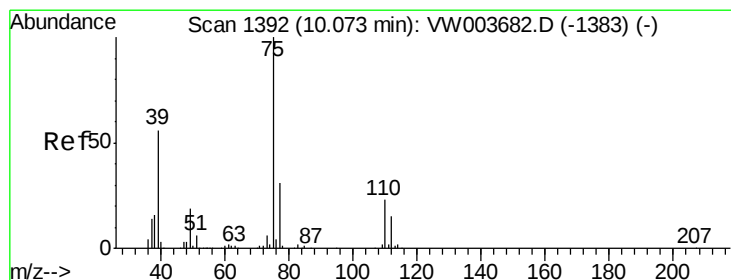
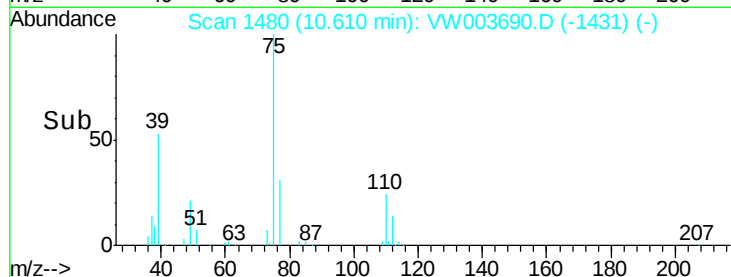
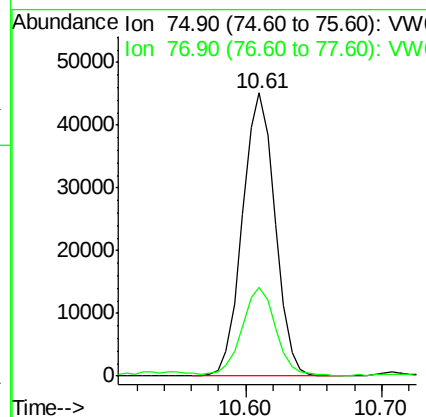
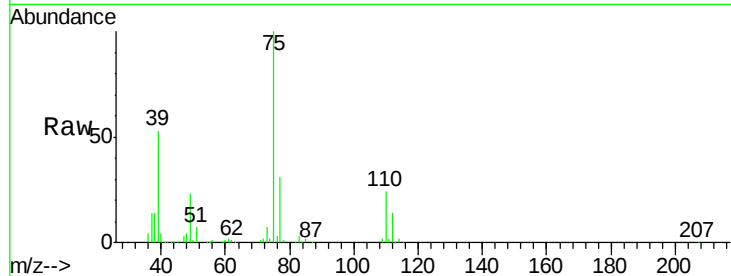




#53
t-1,3-Dichloropropene
Concen: 19.35 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

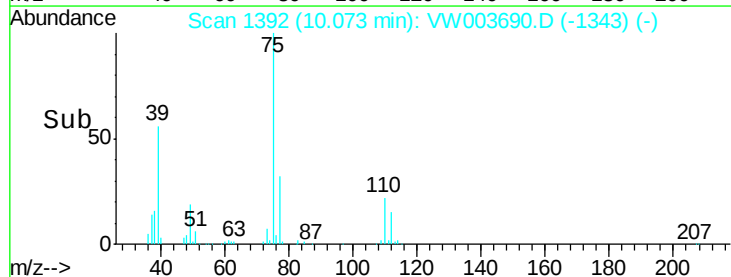
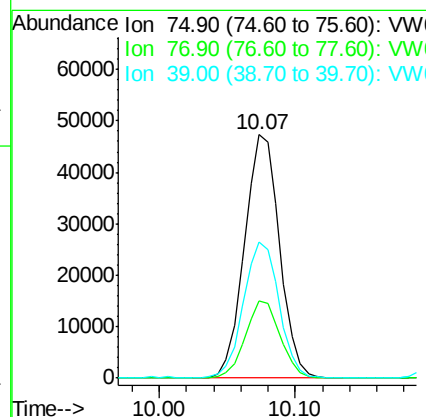
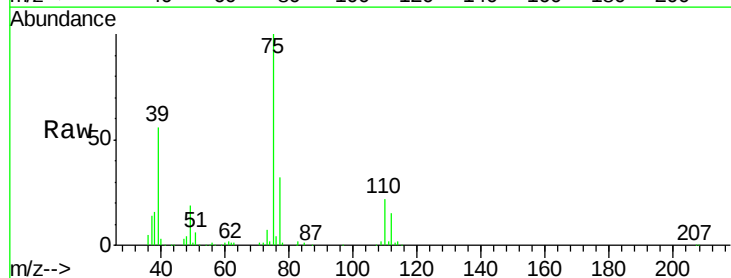
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

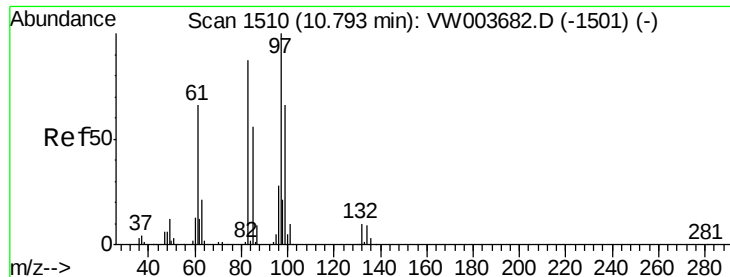
Tot Ion: 75 Resp: 75629
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 19.23 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 75 Resp: 85200
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3
39 55.8 44.6 67.0

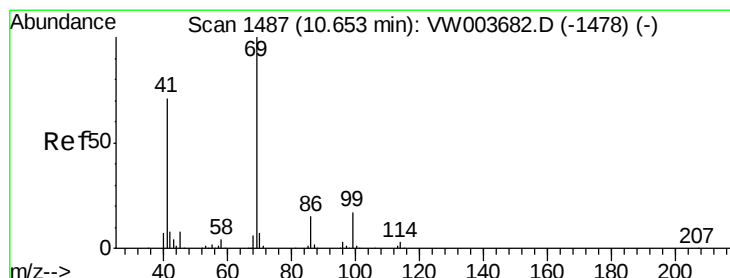
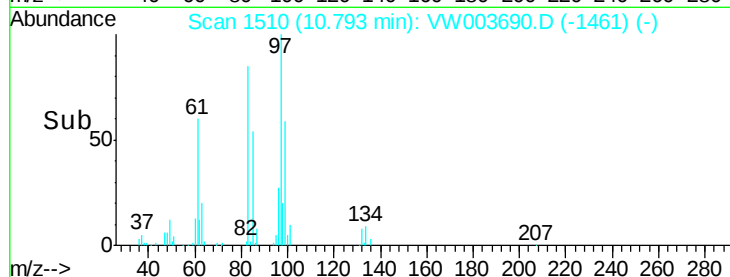
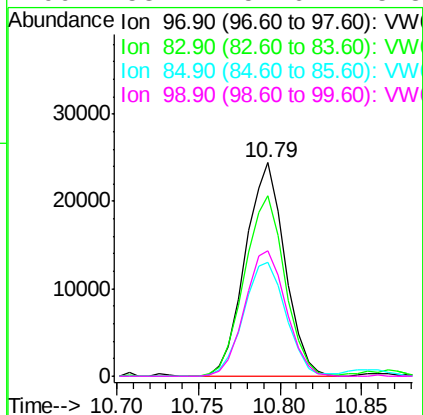
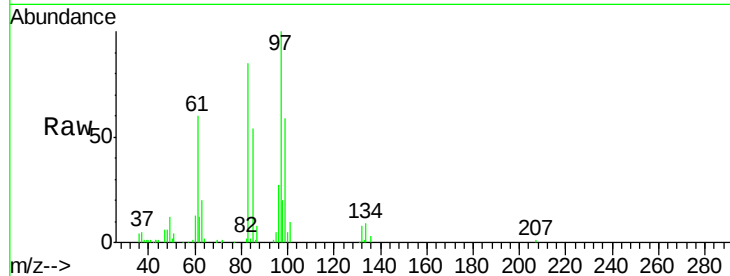




#55
 1,1,2-Trichloroethane
 Concen: 19.23 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

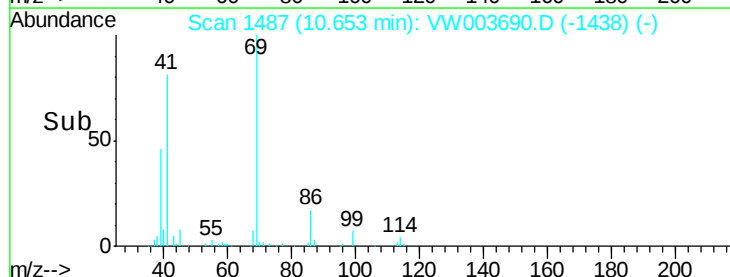
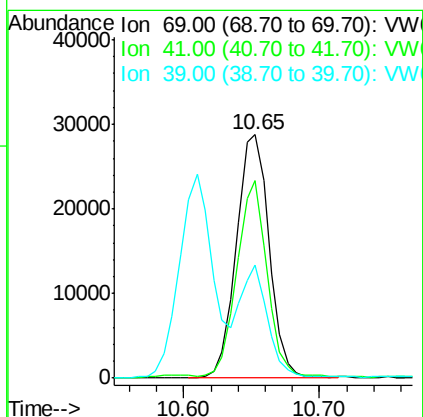
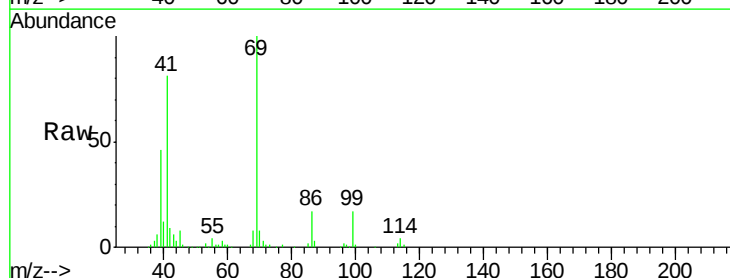
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

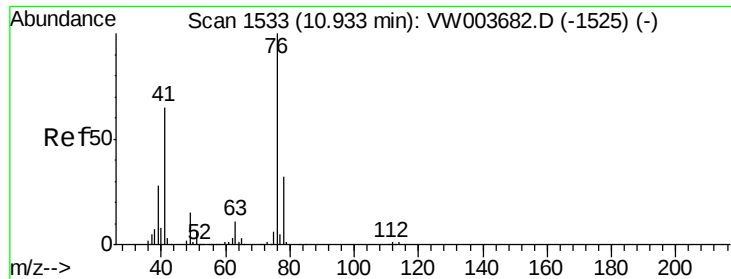
Tot Ion:	97	Resp:	41285
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.5	104.3
85	53.5	44.7	67.1
99	58.7	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 18.33 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion:	69	Resp:	48399
Ion	Ratio	Lower	Upper
69	100		
41	74.7	57.5	86.3
39	38.5	29.4	44.0

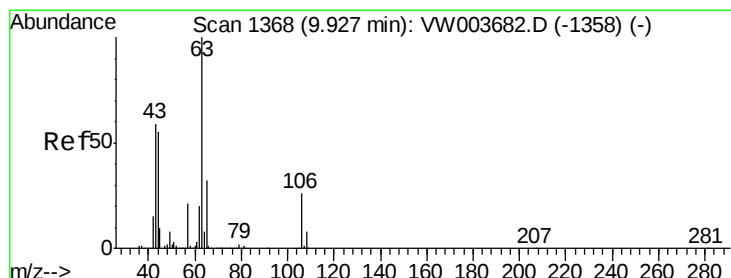
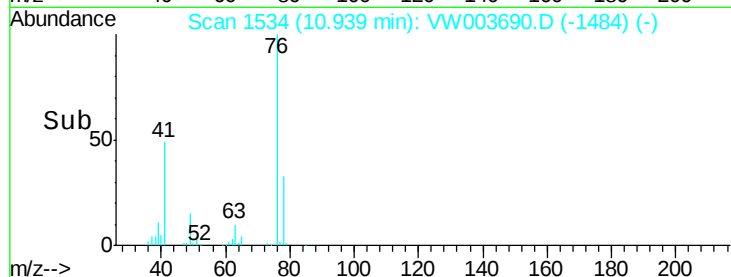
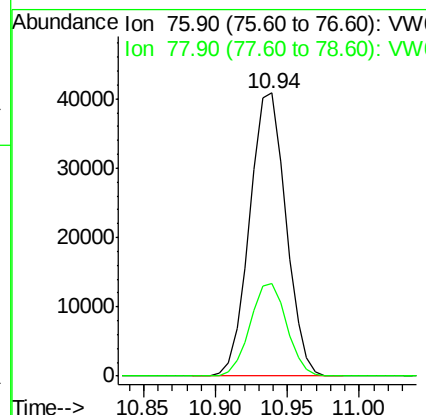
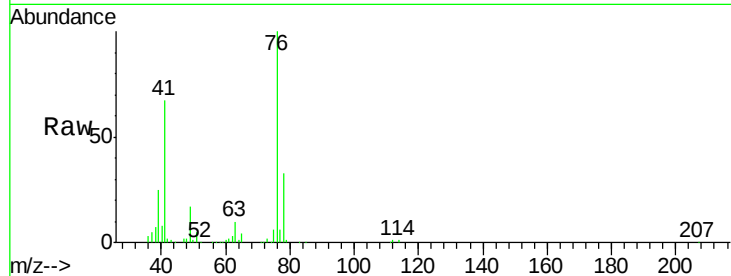




#57
 1,3-Dichloropropane
 Concen: 19.10 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

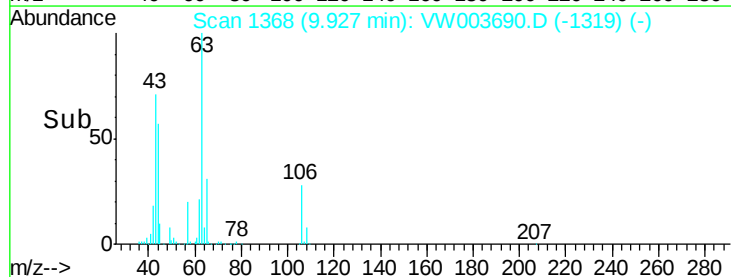
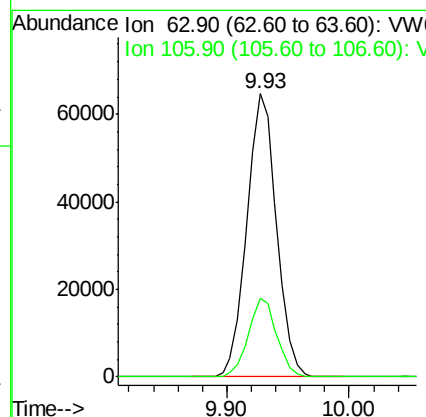
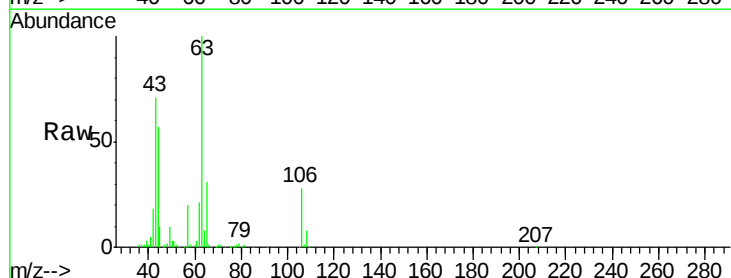
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

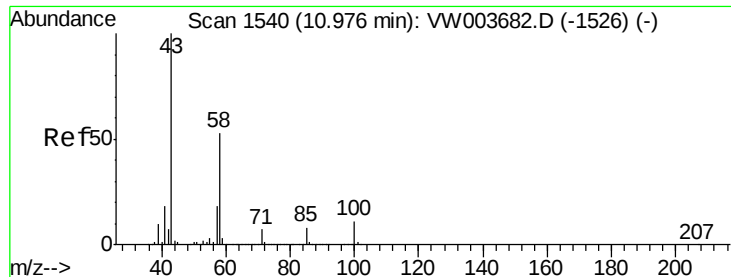
Tot Ion: 76 Resp: 71247
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.71 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion: 63 Resp: 108696
 Ion Ratio Lower Upper
 63 100
 106 26.6 20.7 31.1

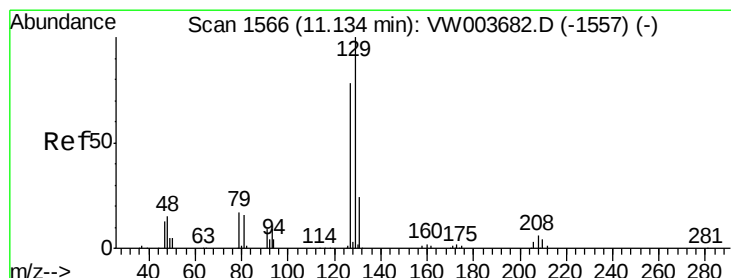
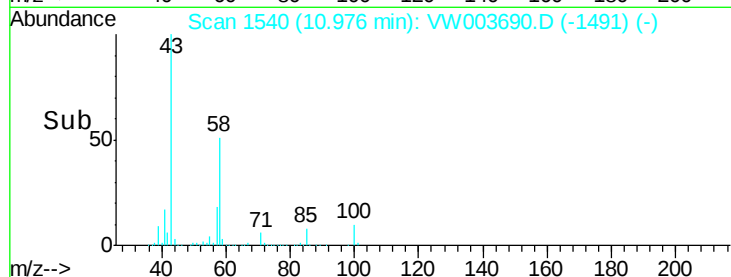
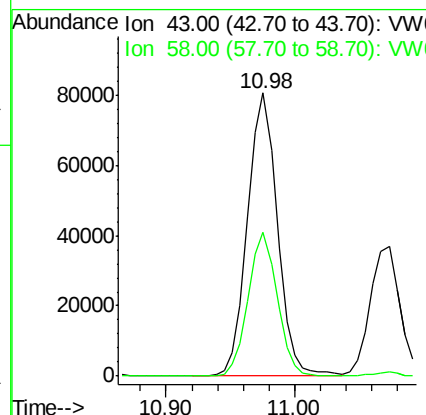
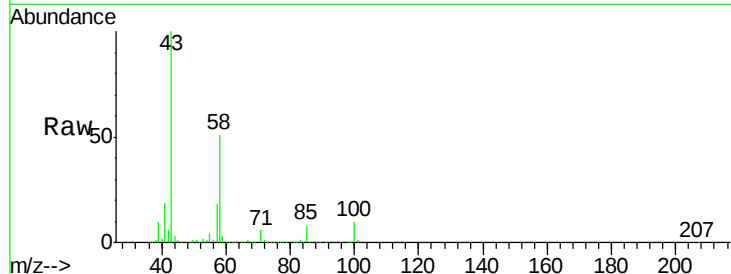




#59
2-Hexanone
Concen: 93.16 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

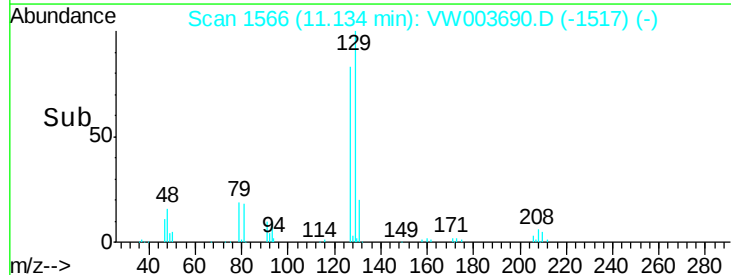
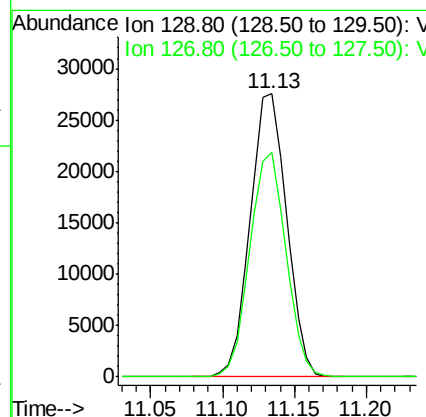
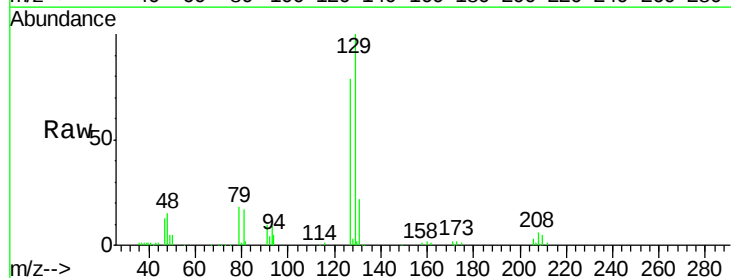
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

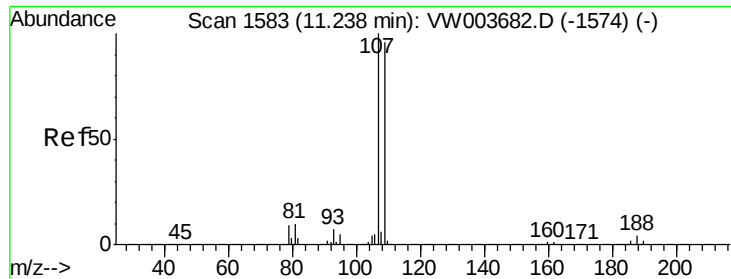
Tot Ion: 43 Resp: 129479
Ion Ratio Lower Upper
43 100
58 49.3 25.9 77.6



#60
Dibromochloromethane
Concen: 19.27 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 129 Resp: 48360
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2

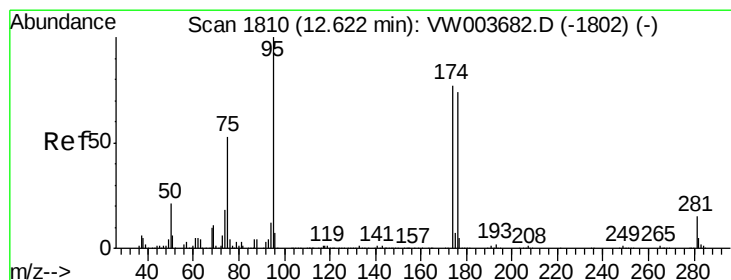
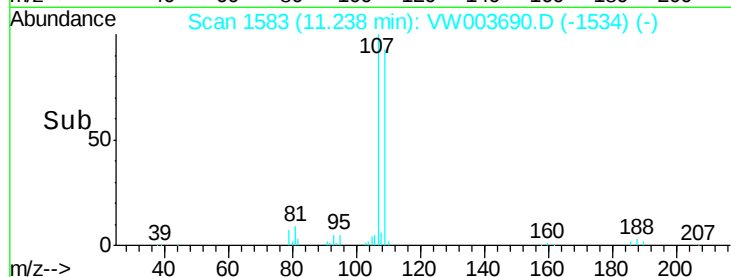
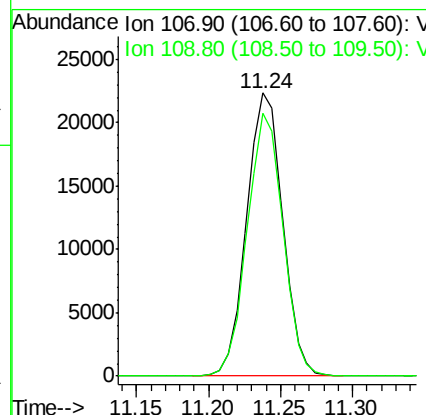
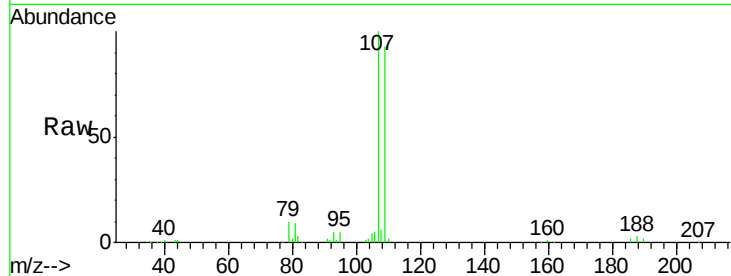




#61
 1,2-Dibromoethane
 Concen: 18.80 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

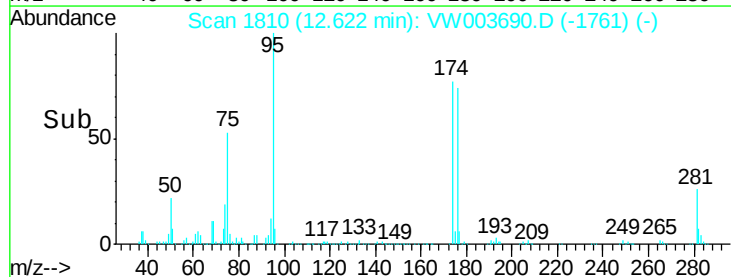
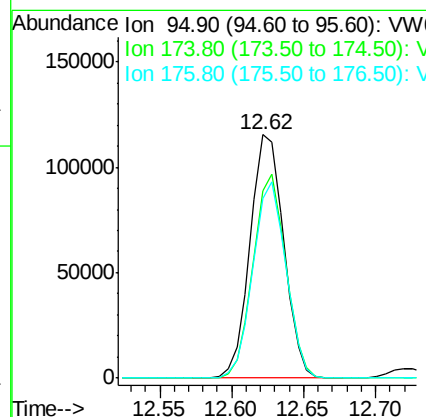
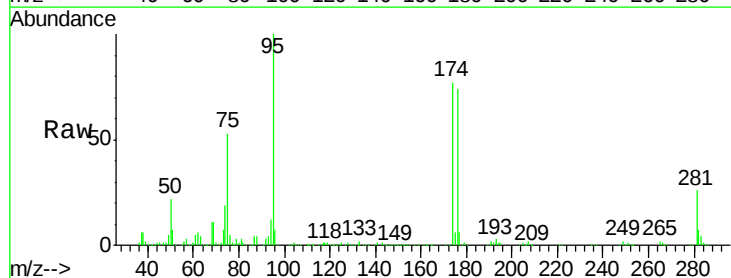
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

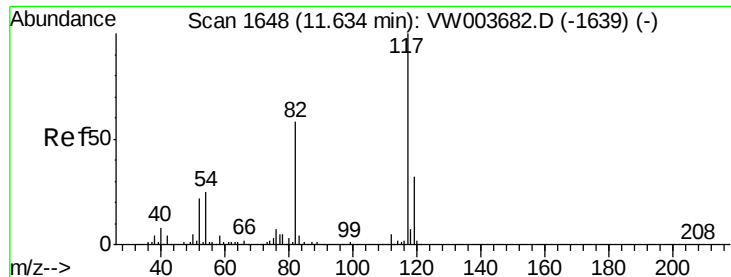
Tot Ion: 107 Resp: 38666
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.38 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion: 95 Resp: 185809
 Ion Ratio Lower Upper
 95 100
 174 81.6 0.0 161.2
 176 79.4 0.0 155.0

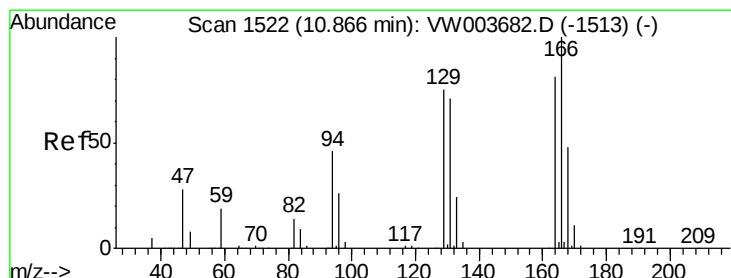
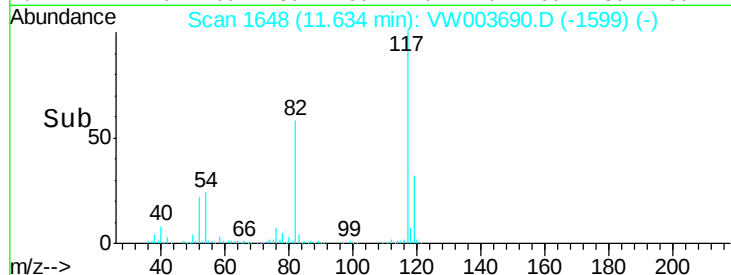
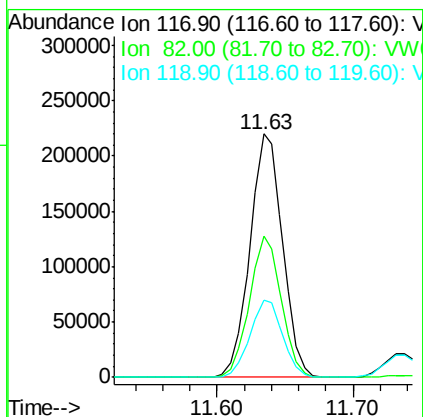
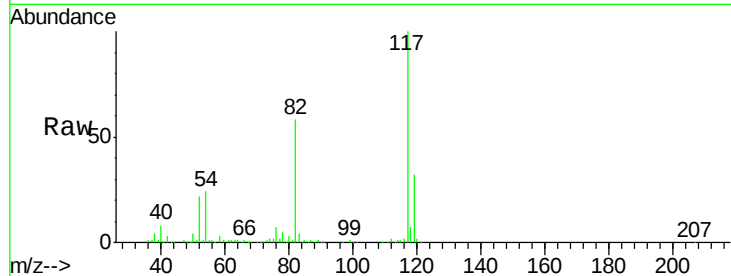




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

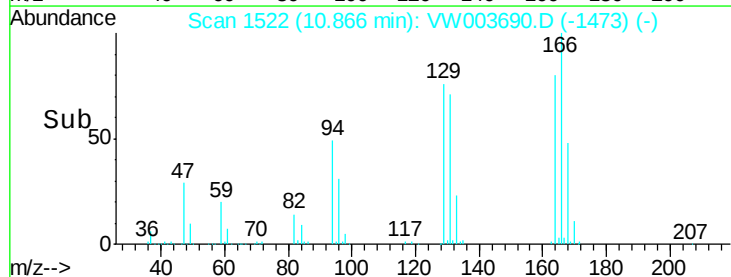
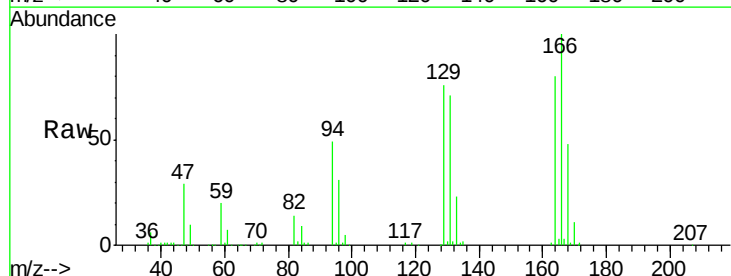
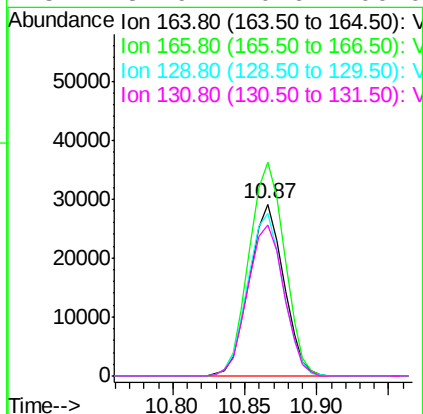
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

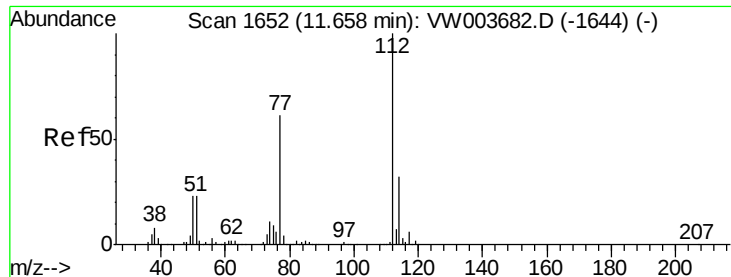
Tot Ion:117 Resp: 369702
Ion Ratio Lower Upper
117 100
82 57.9 46.0 69.0
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 19.44 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion:164 Resp: 48587
Ion Ratio Lower Upper
164 100
166 124.5 99.0 148.4
129 94.7 73.8 110.6
131 87.9 70.6 106.0





#65

Chlorobenzene

Concen: 20.16 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

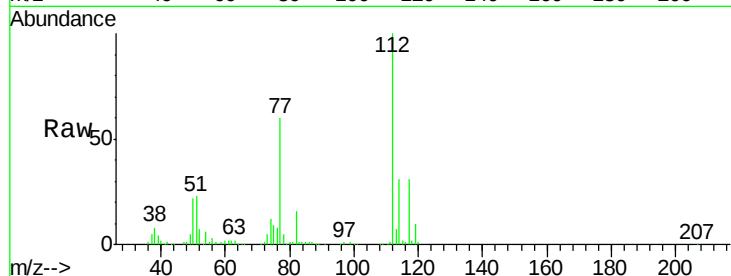
VW0703SBS01

Tot Ion:112 Resp: 156706

Ion Ratio Lower Upper

112 100

114 30.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

100000

80000

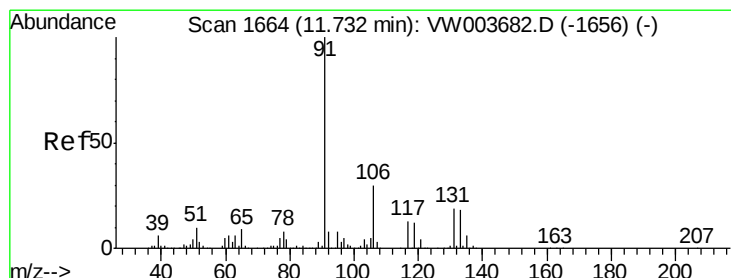
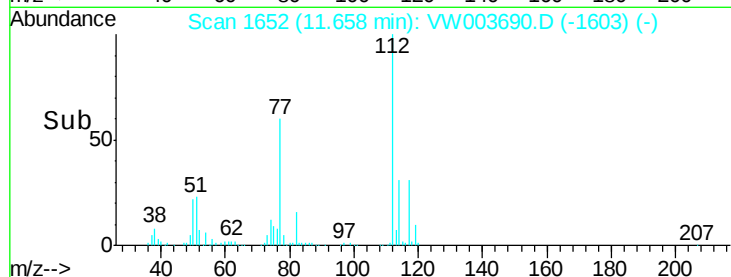
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.96 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

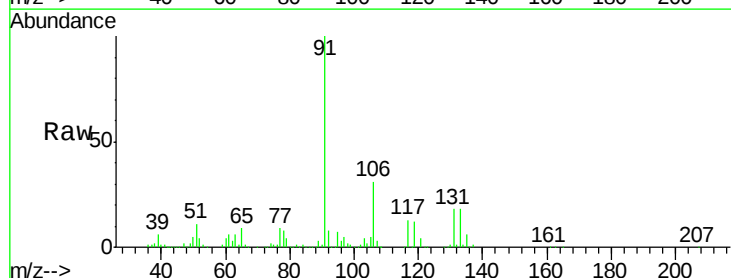
Tgt Ion:131 Resp: 54207

Ion Ratio Lower Upper

131 100

133 95.9 47.6 142.8

119 66.3 31.9 95.9



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

80000

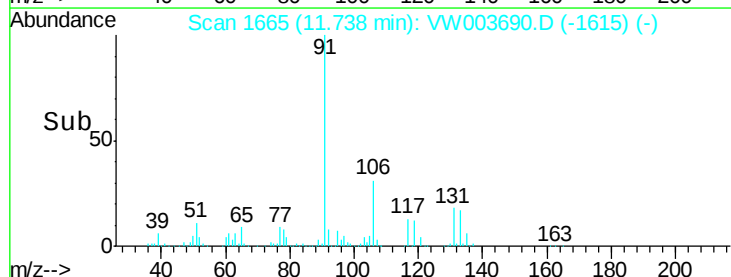
60000

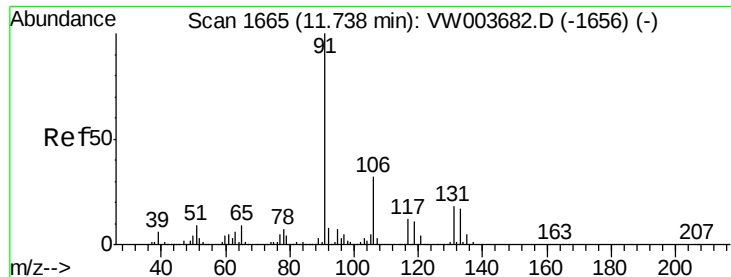
40000

20000

0

Time-->

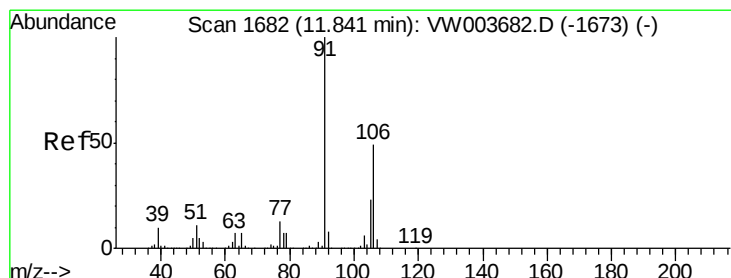
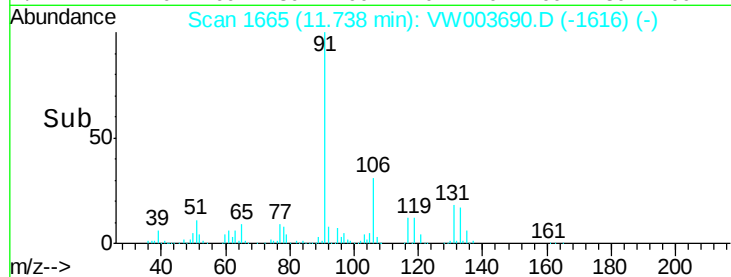
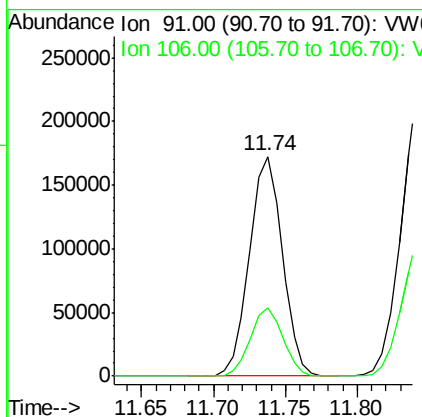
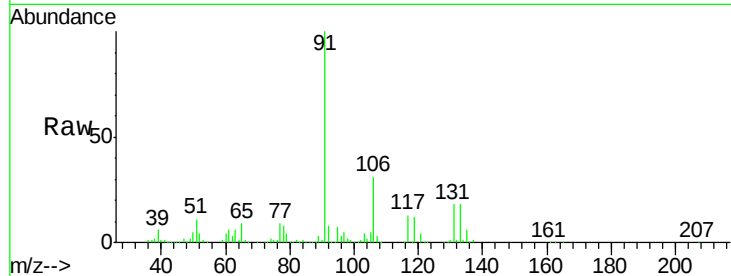




#67
Ethyl Benzene
Concen: 20.03 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

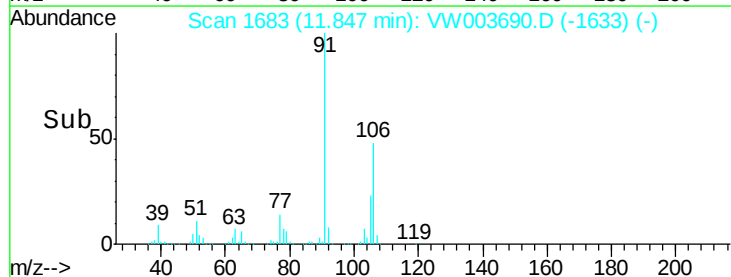
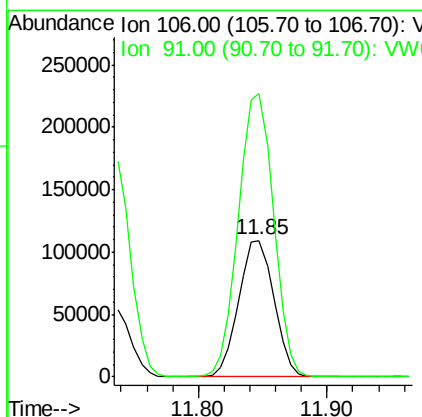
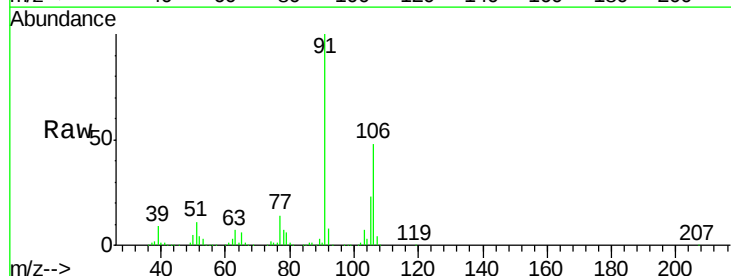
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

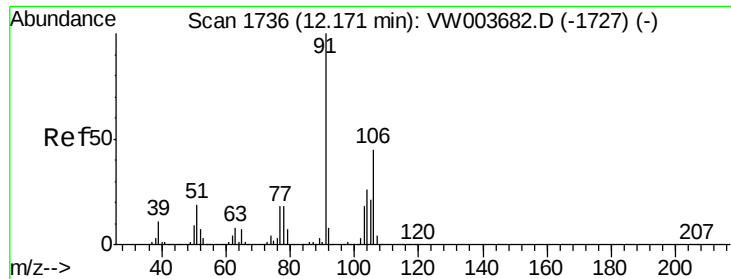
Tot Ion: 91 Resp: 272781
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 40.09 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 106 Resp: 207628
Ion Ratio Lower Upper
106 100
91 206.8 163.7 245.5

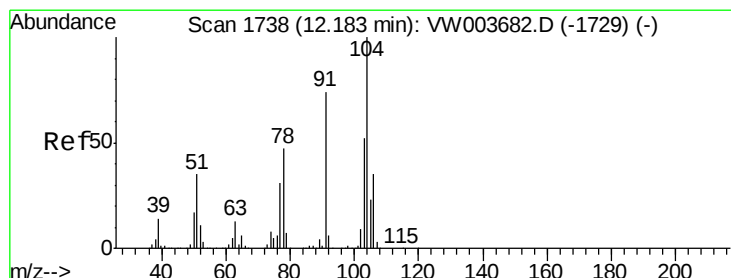
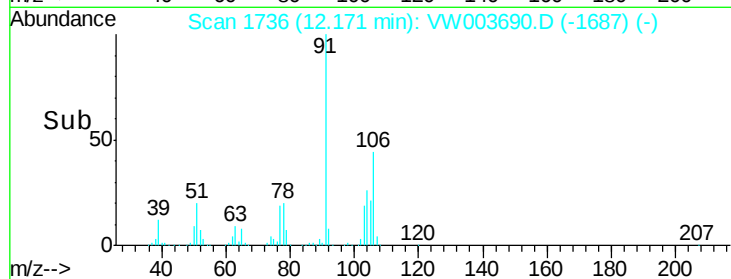
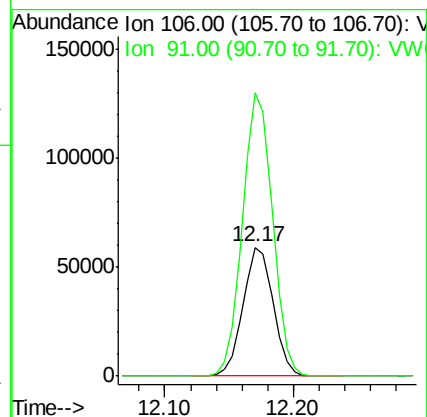
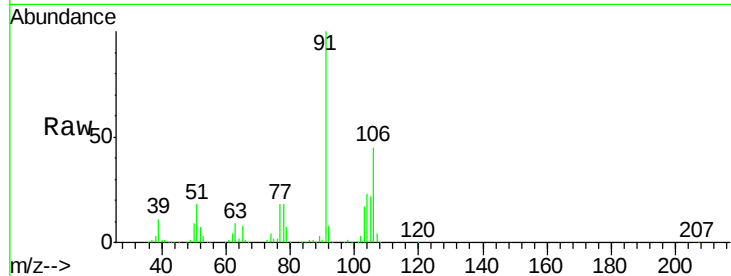




#69
o-Xylene
Concen: 20.03 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

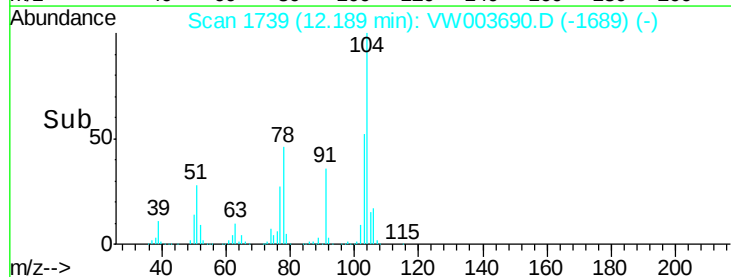
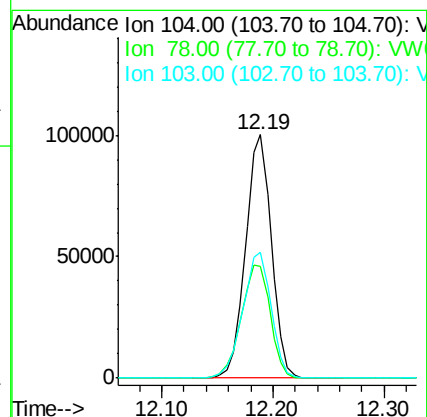
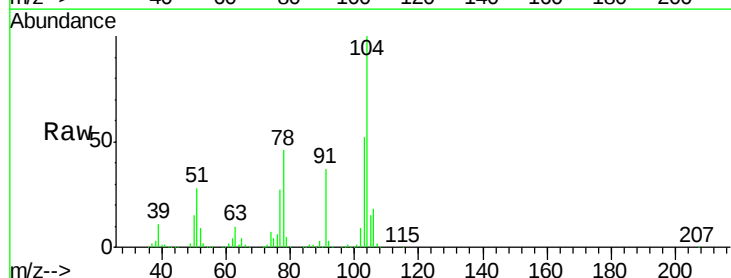
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

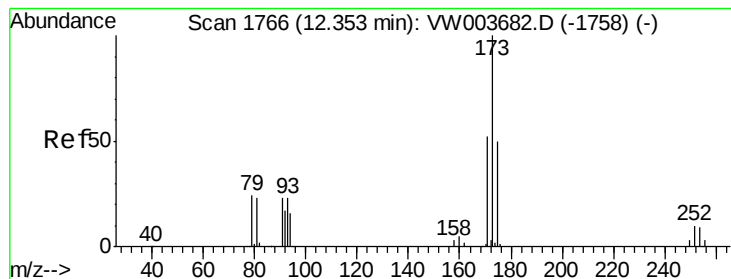
Tot Ion:106 Resp: 95892
Ion Ratio Lower Upper
106 100
91 218.7 109.3 327.8



#70
Styrene
Concen: 20.07 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion:104 Resp: 161371
Ion Ratio Lower Upper
104 100
78 52.3 40.2 60.4
103 56.8 44.4 66.6





#71

Bromoform

Concen: 18.96 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

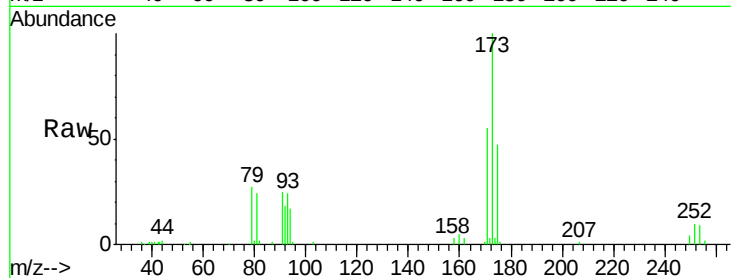
Tot Ion:173 Resp: 28622

Ion Ratio Lower Upper

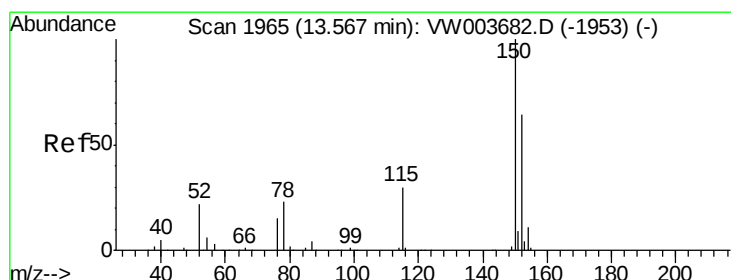
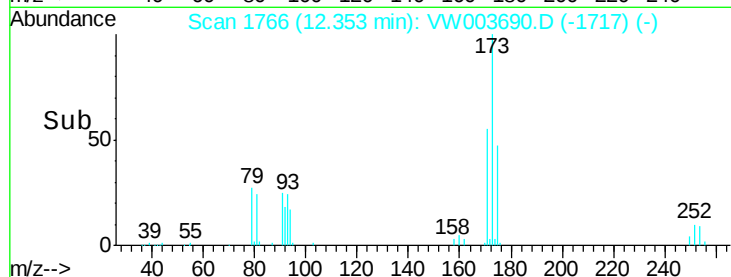
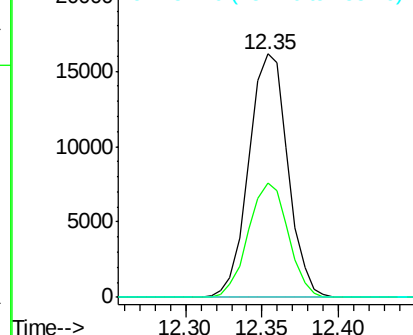
173 100

175 47.8 24.5 73.5

254 0.0 0.2 0.2#



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# 1965

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

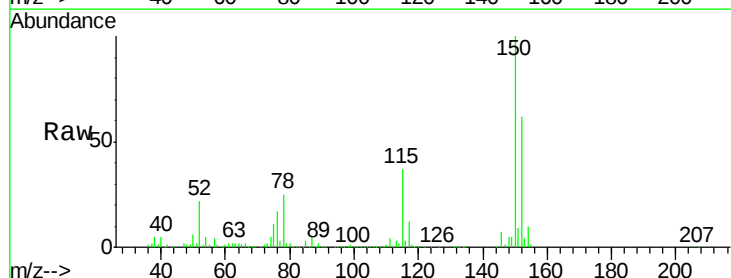
Tgt Ion:152 Resp: 195510

Ion Ratio Lower Upper

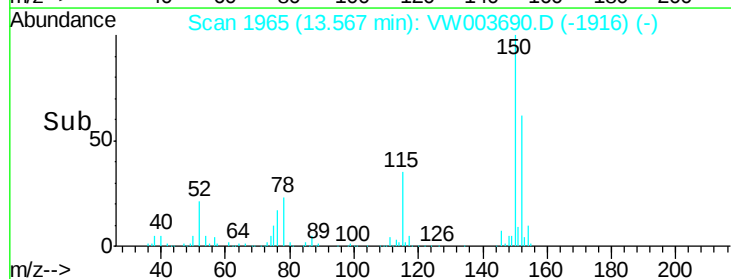
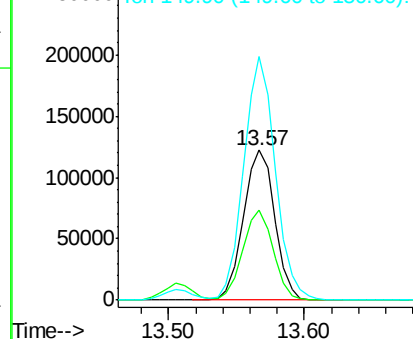
152 100

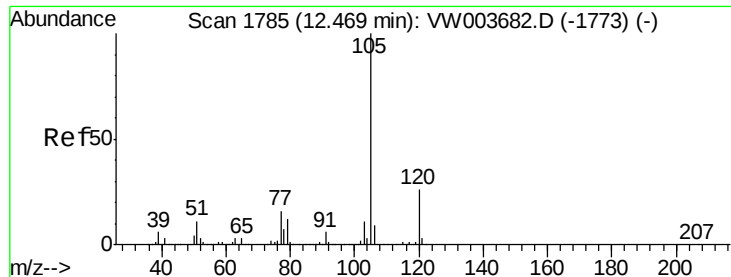
115 59.0 29.3 88.0

150 164.3 0.0 352.0



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





#73

Isopropylbenzene

Concen: 20.30 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

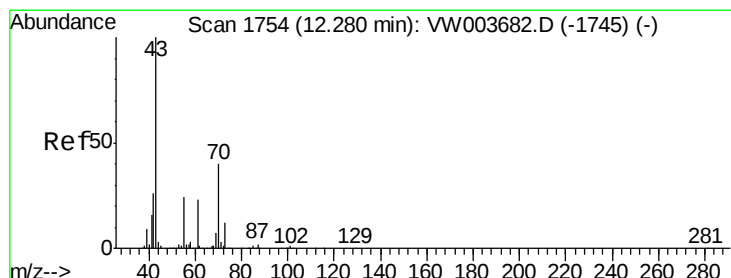
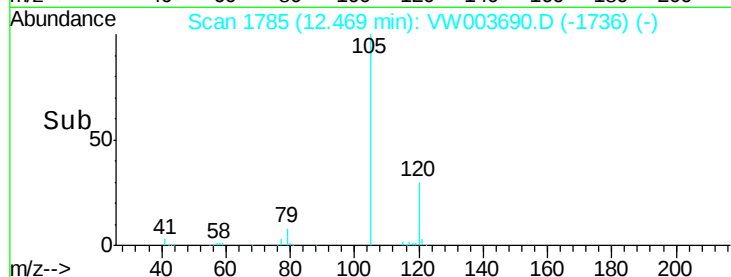
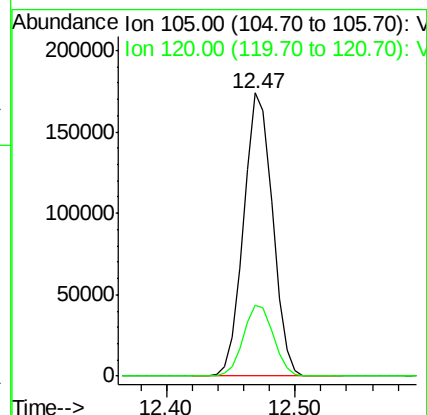
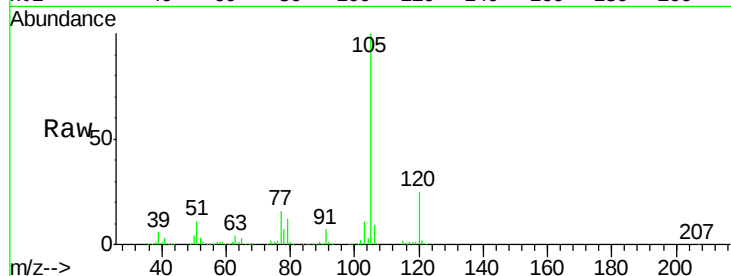
VW0703SBS01

Tot Ion:105 Resp: 269911

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.3



#74

N-ethyl acetate

Concen: 18.30 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Tgt Ion: 43 Resp: 64272

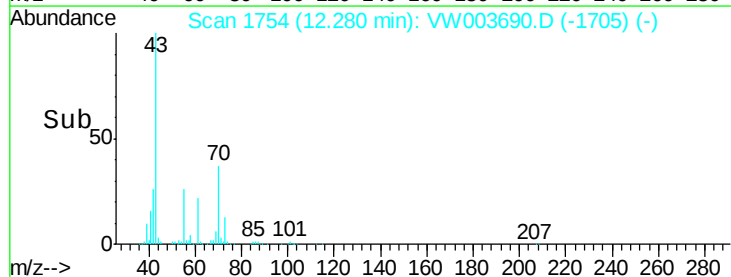
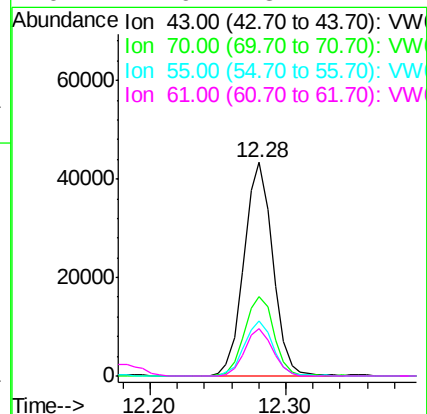
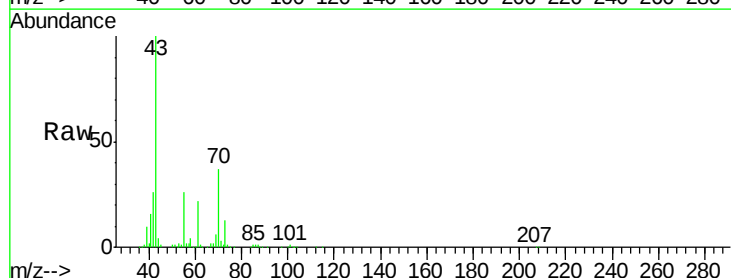
Ion Ratio Lower Upper

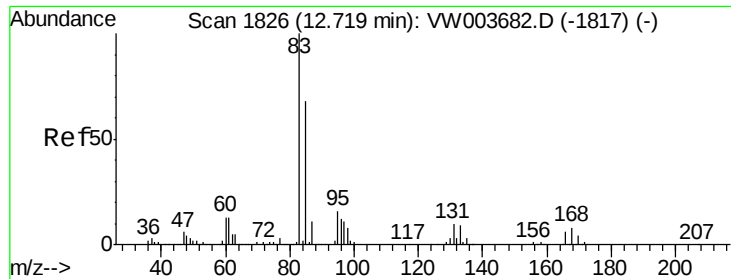
43 100

70 38.1 31.3 46.9

55 26.4 20.1 30.1

61 21.9 18.2 27.2

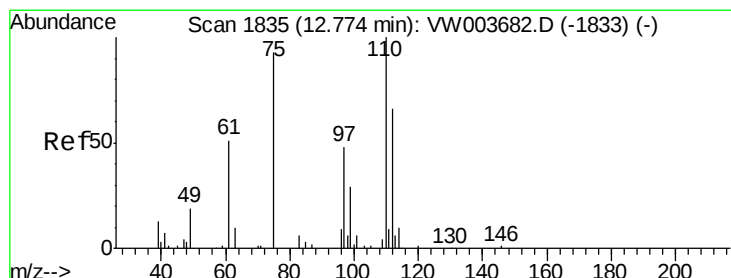
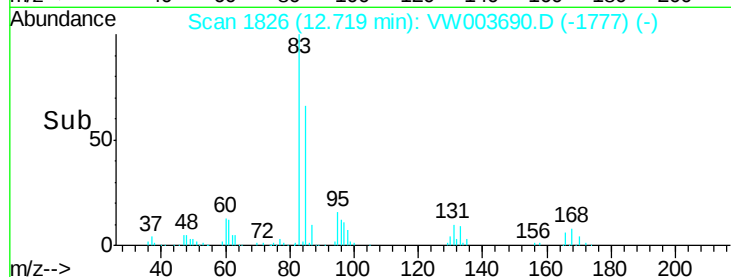
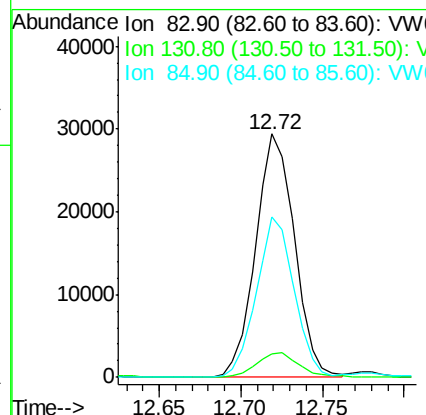
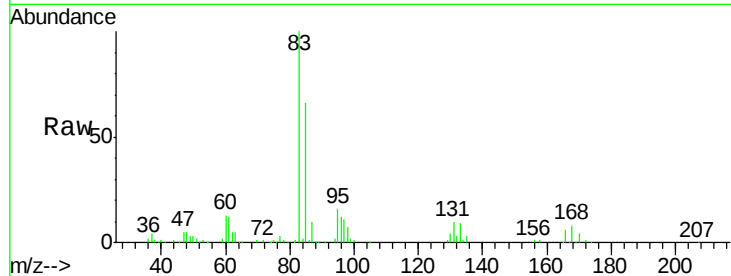




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.72 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

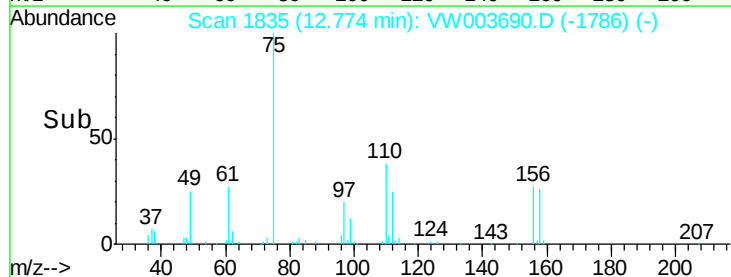
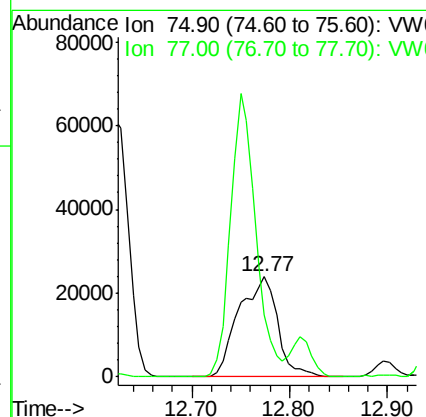
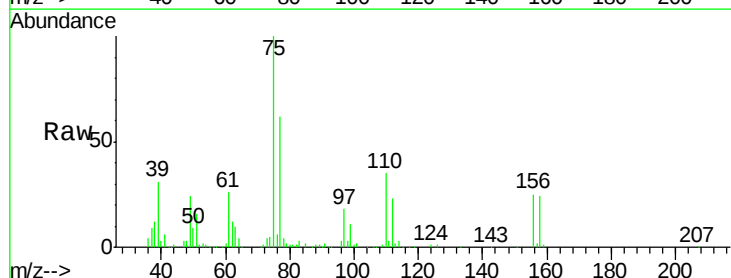
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

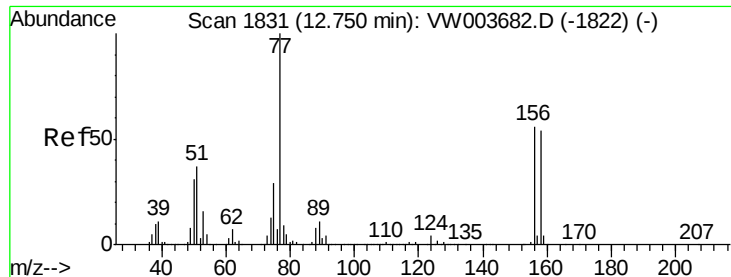
Tot Ion	83	Resp	48695
Ion Ratio	100		
Lower	5.3		
Upper	15.9		
85	63.8	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 37.57 ug/l
 RT: 12.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	75	Resp	66047
Ion Ratio	100		
Lower	0.0		
Upper	0.0		
77	0.0	0.0	0.0

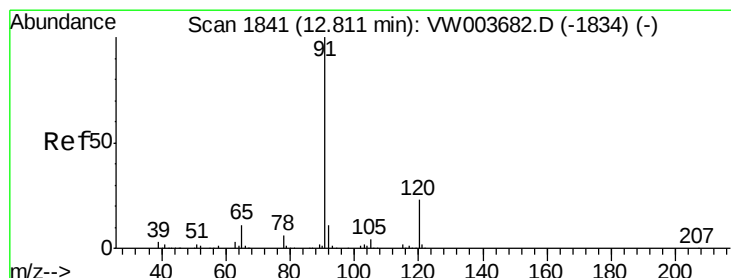
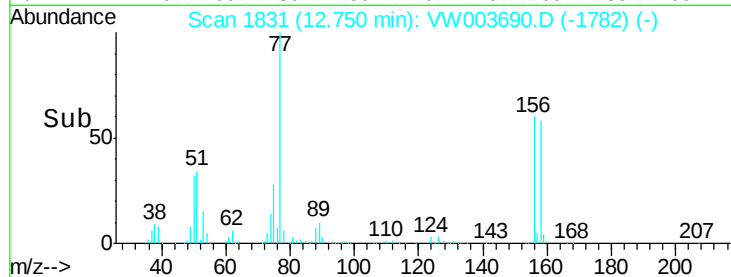
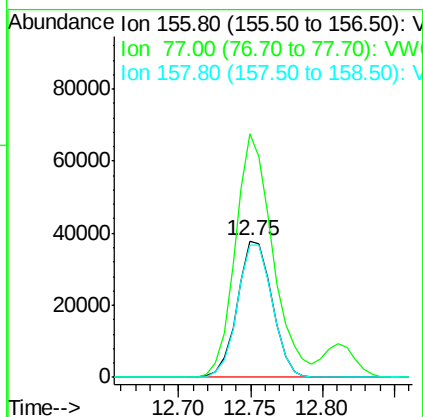
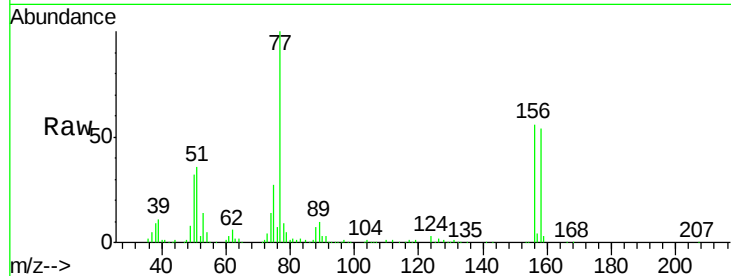




#77
Bromobenzene
Concen: 19.86 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

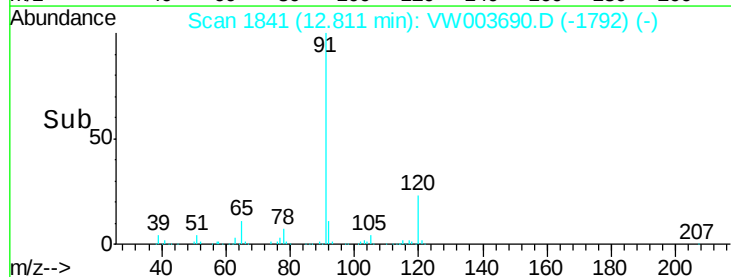
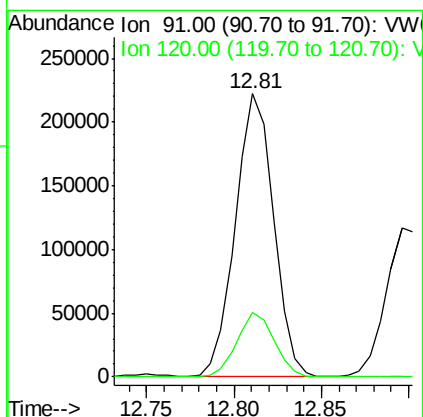
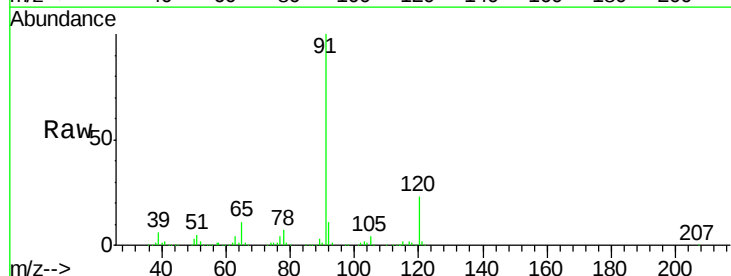
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

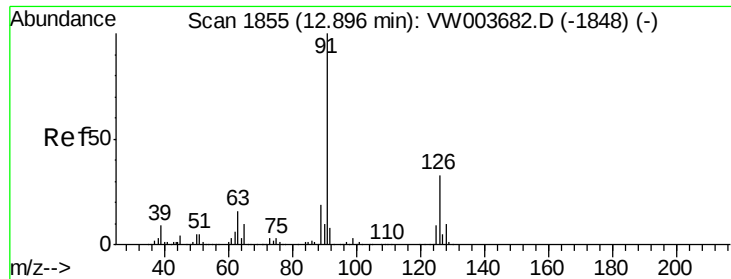
Tot Ion:156 Resp: 63398
Ion Ratio Lower Upper
156 100
77 192.3 95.8 287.4
158 98.0 48.2 144.6



#78
n-propylbenzene
Concen: 20.62 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion: 91 Resp: 338774
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1





#79

2-Chlorotoluene

Concen: 20.38 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

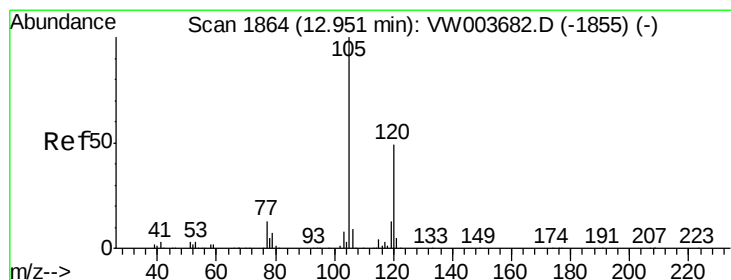
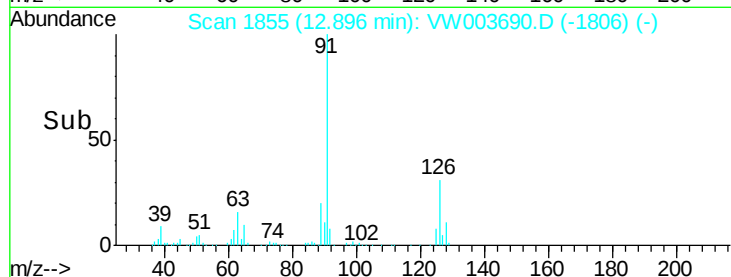
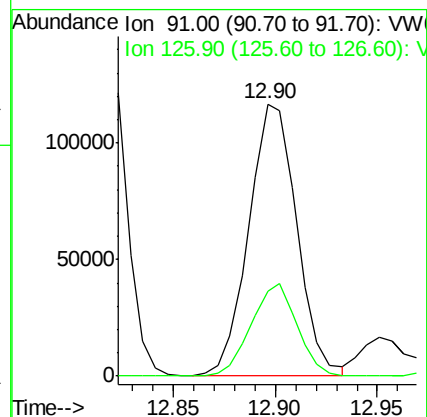
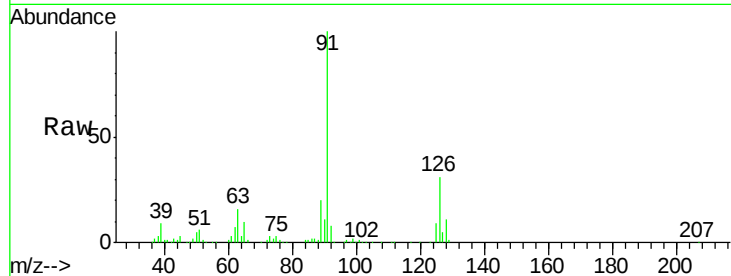
VW0703SBS01

Tot Ion: 91 Resp: 190503

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 20.57 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003690.D

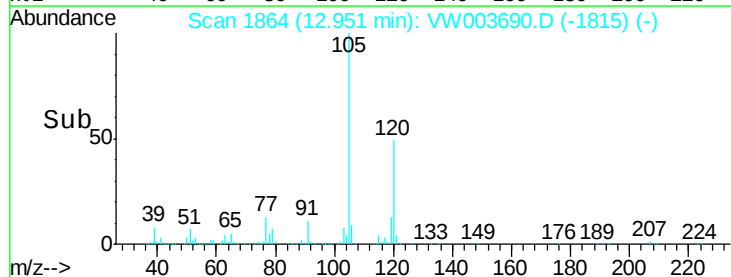
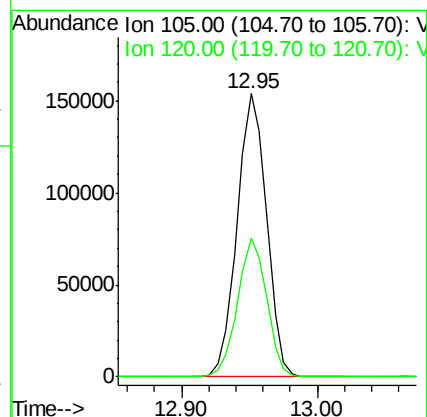
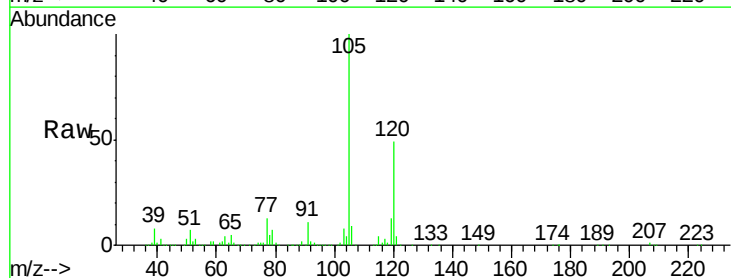
Acq: 03 Jul 2018 11:29

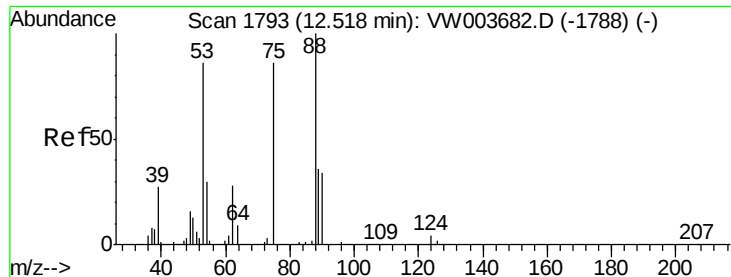
Tgt Ion:105 Resp: 231451

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.84 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

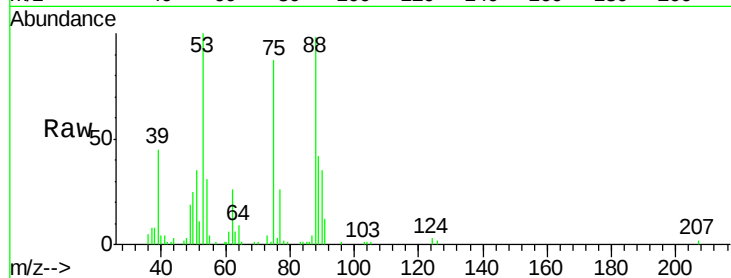
Tot Ion: 75 Resp: 14799

Ion Ratio Lower Upper

75 100

53 106.5 82.4 123.6

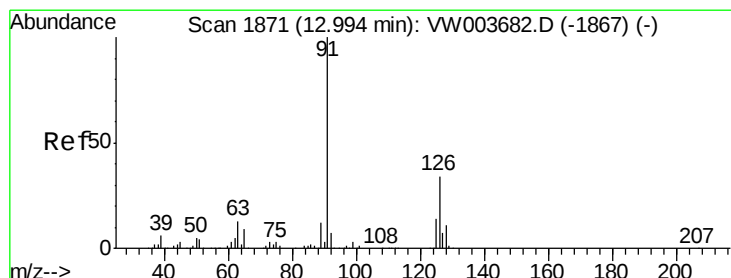
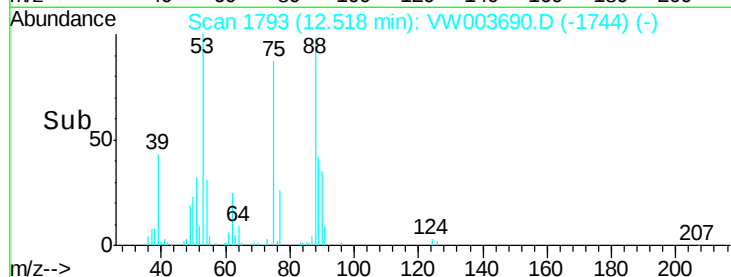
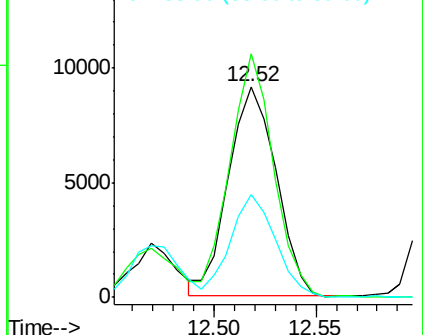
89 46.7 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.42 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003690.D

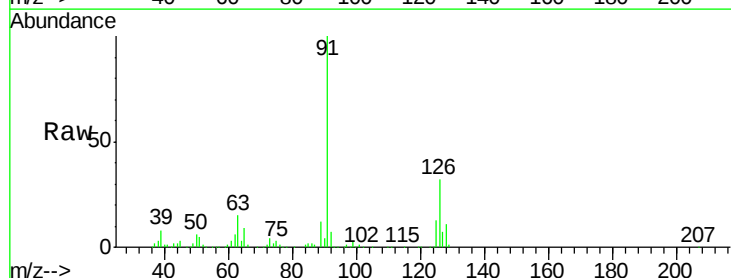
Acq: 03 Jul 2018 11:29

Tgt Ion: 91 Resp: 202698

Ion Ratio Lower Upper

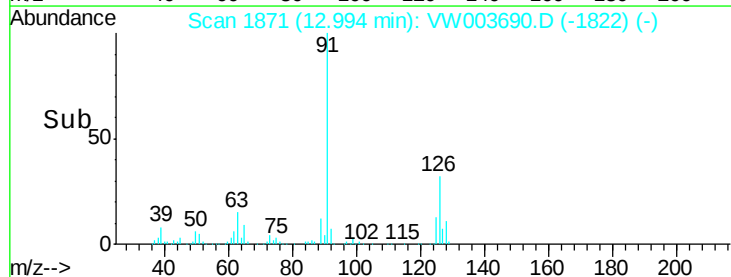
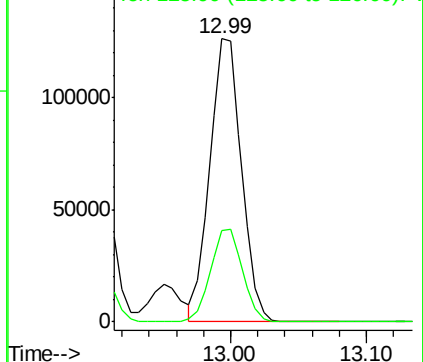
91 100

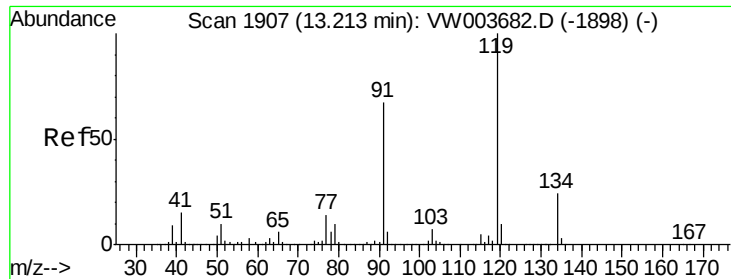
126 33.3 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): VW

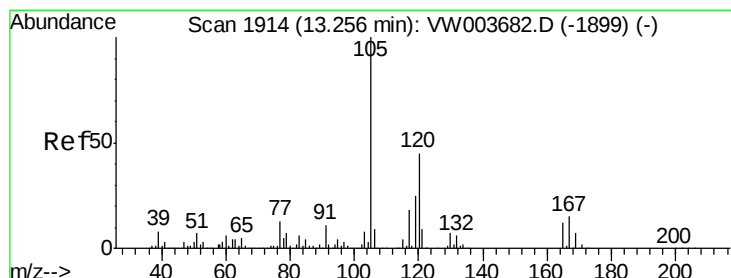
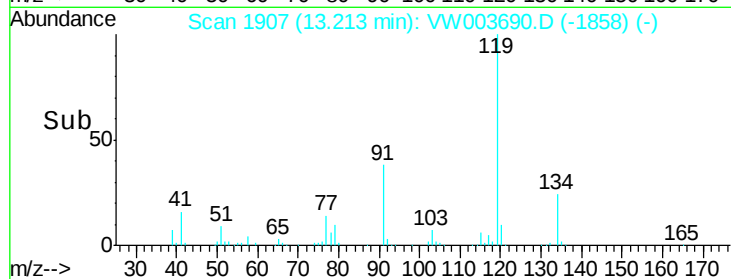
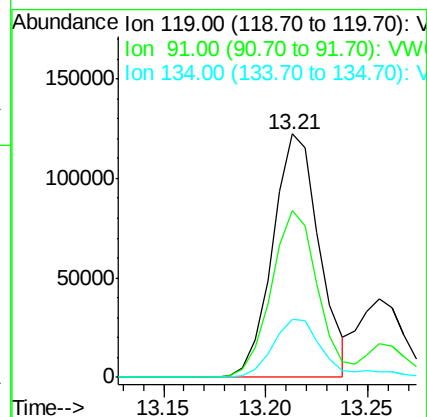
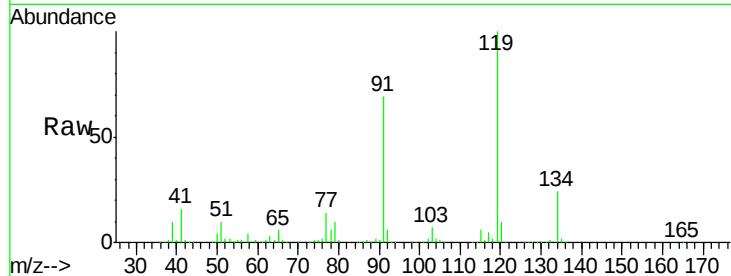




#83
tert-Butylbenzene
Concen: 20.55 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

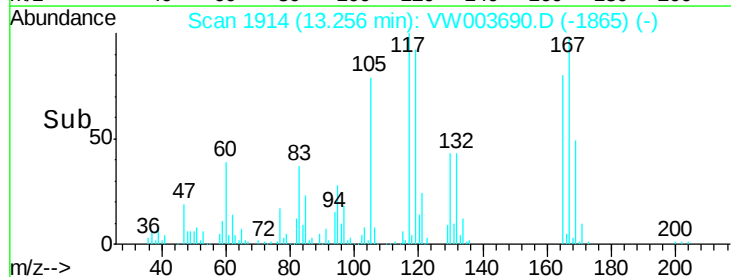
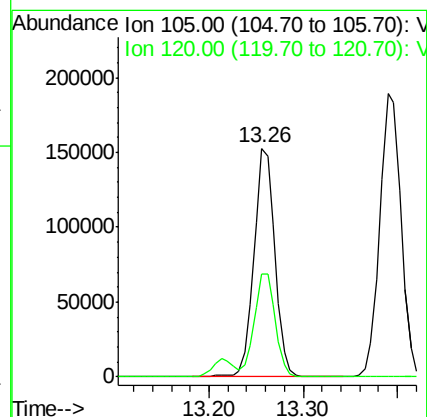
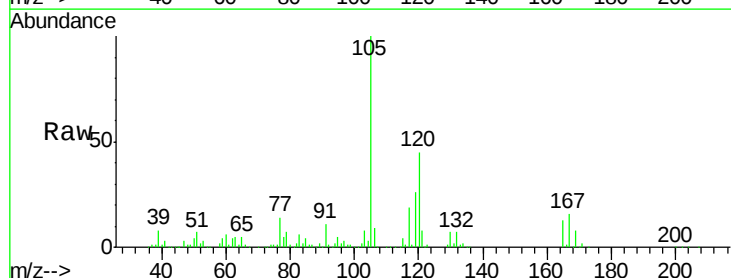
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

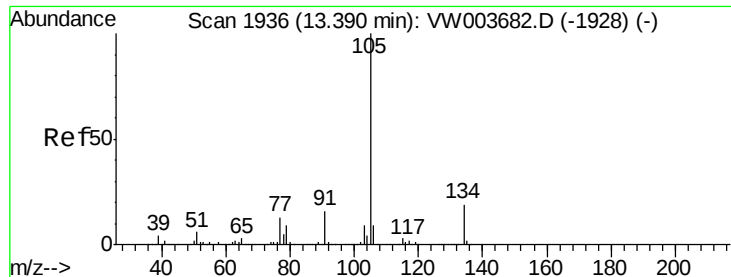
Tot Ion:119 Resp: 195038
Ion Ratio Lower Upper
119 100
91 68.8 33.8 101.3
134 26.6 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 20.59 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion:105 Resp: 238477
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.87 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

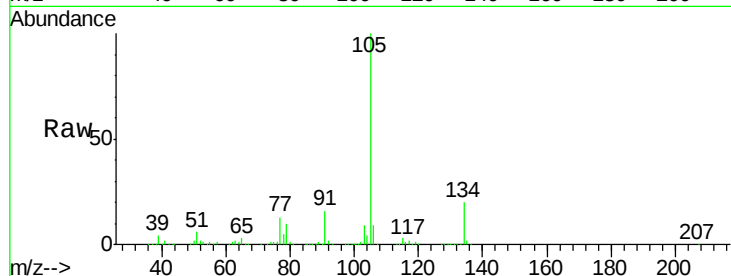
VW0703SBS01

Tot Ion:105 Resp: 294721

Ion Ratio Lower Upper

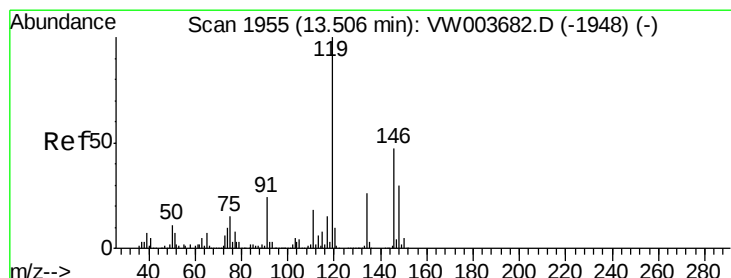
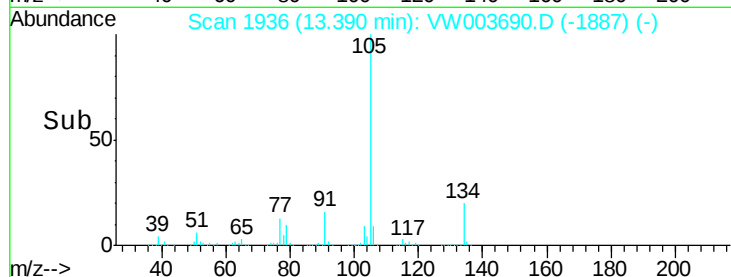
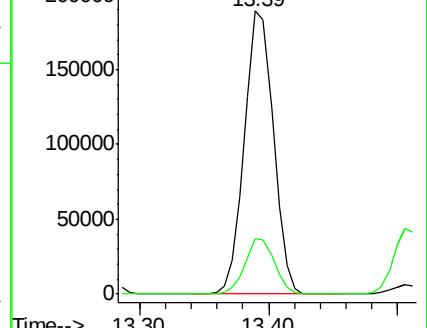
105 100

134 19.8 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.98 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

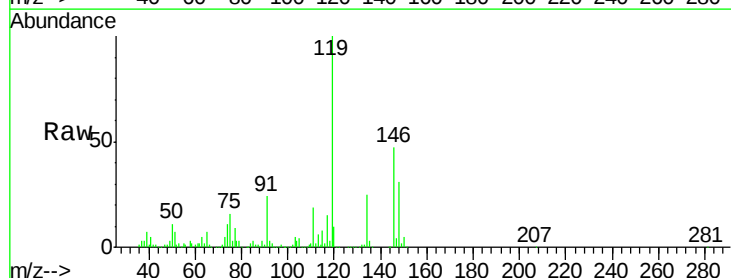
Tgt Ion:119 Resp: 259150

Ion Ratio Lower Upper

119 100

134 25.5 13.0 38.9

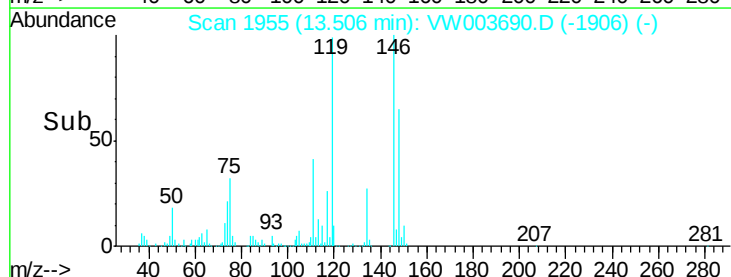
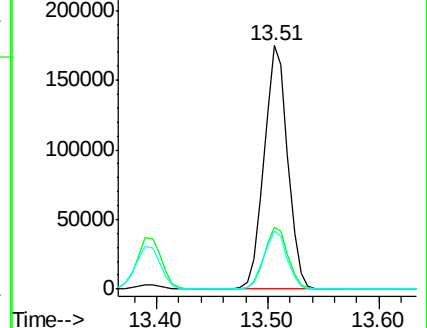
91 23.9 11.8 35.4

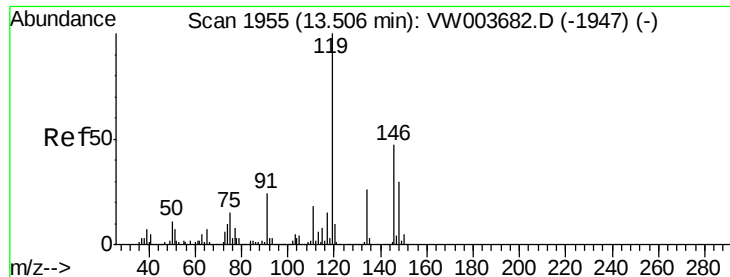


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

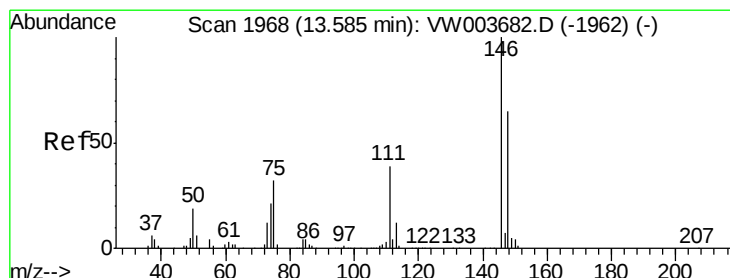
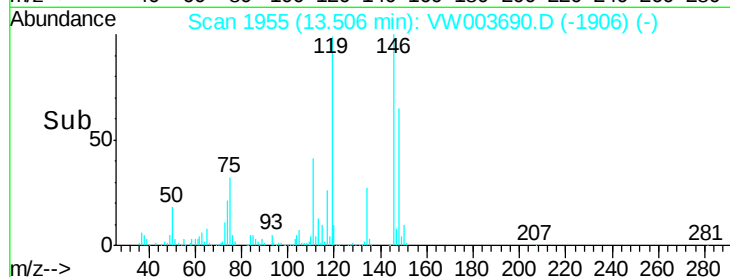
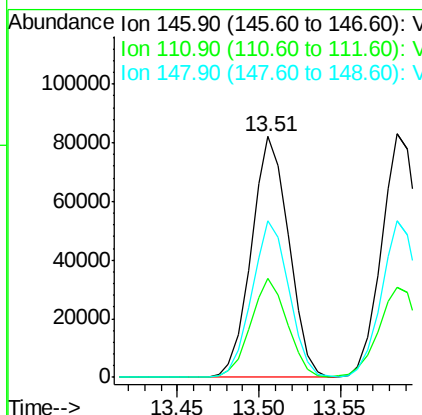
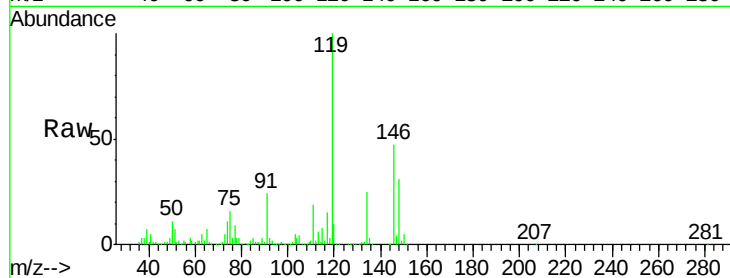




#87
 1,3-Dichlorobenzene
 Concen: 20.24 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

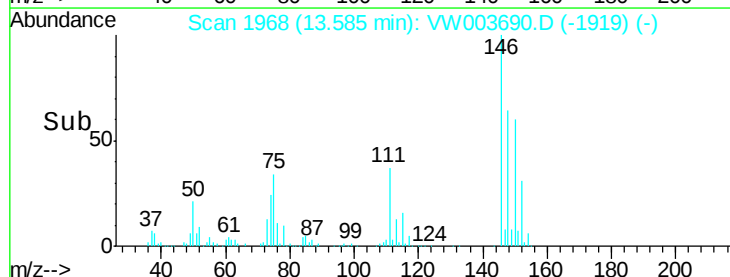
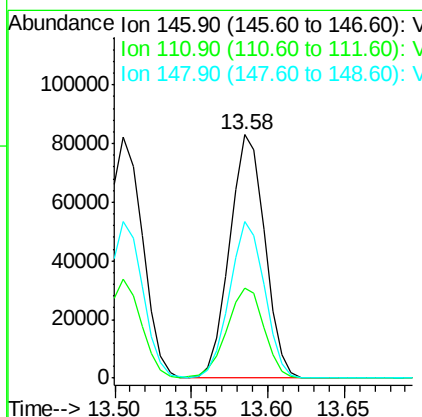
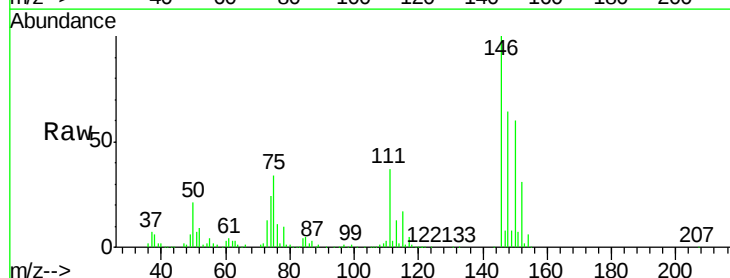
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

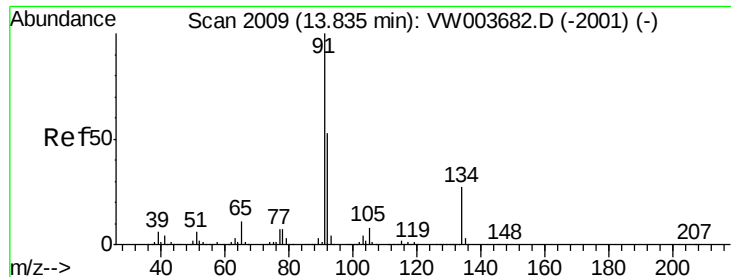
Tot Ion:146 Resp: 131133
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 64.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.44 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion:146 Resp: 132320
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.9
 148 63.7 32.3 96.9





#89

n-Butylbenzene

Concen: 20.58 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003690.D

Acq: 03 Jul 2018 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

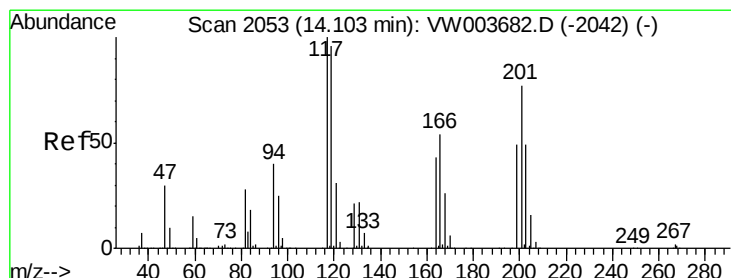
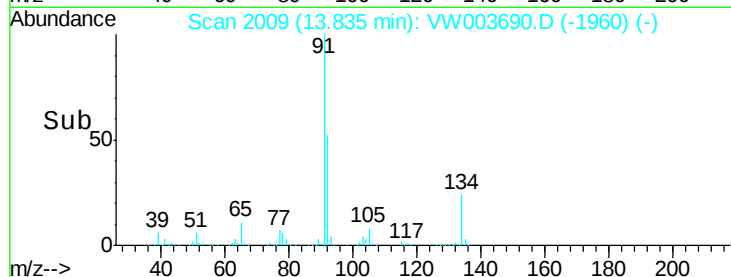
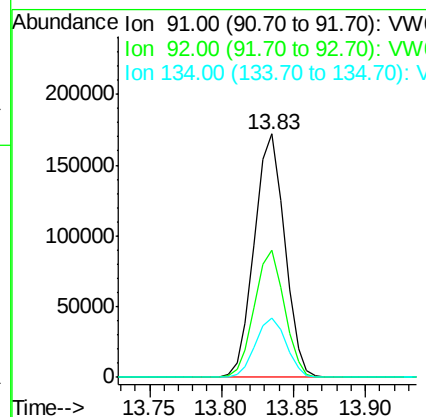
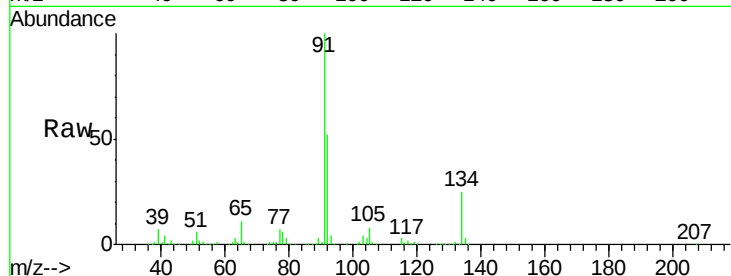
Tot Ion: 91 Resp: 251264

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

134 24.8 12.7 38.1



#90

Hexachloroethane

Concen: 20.71 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003690.D

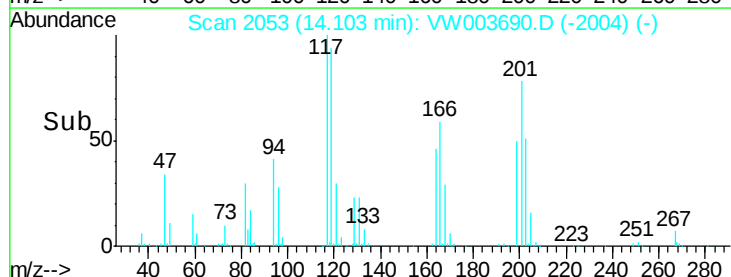
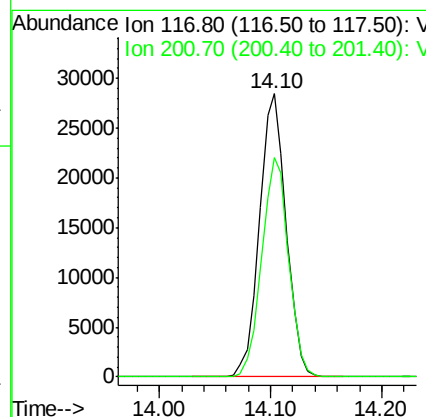
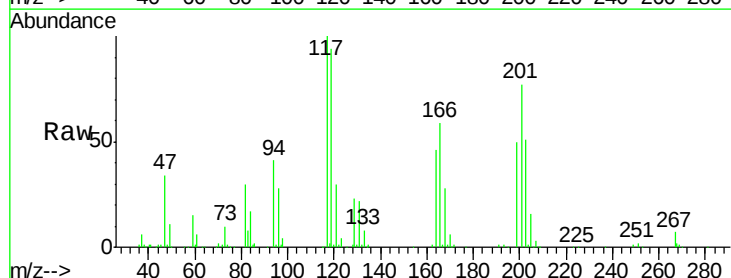
Acq: 03 Jul 2018 11:29

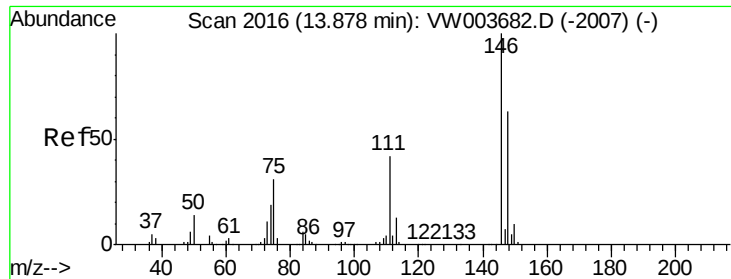
Tgt Ion: 117 Resp: 47534

Ion Ratio Lower Upper

117 100

201 77.6 39.1 117.2

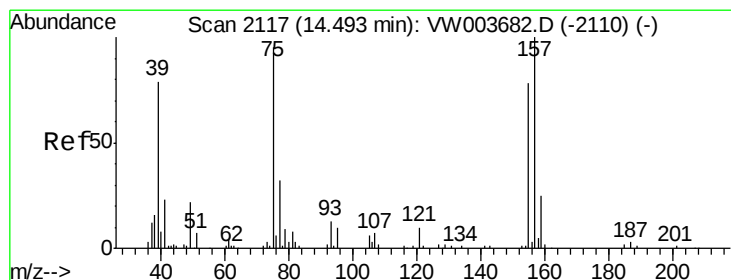
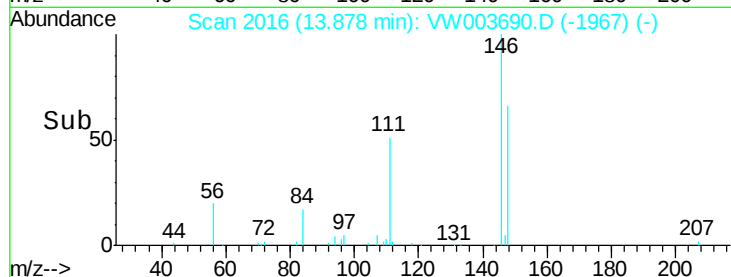
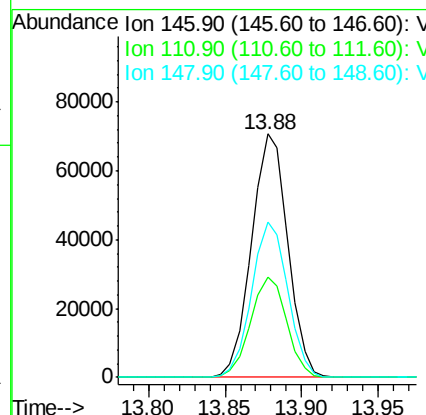
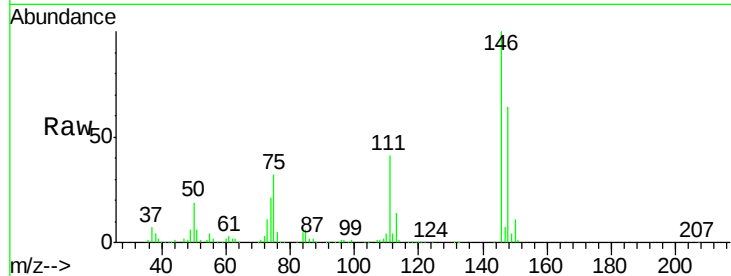




#91
 1,2-Dichlorobenzene
 Concen: 20.15 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

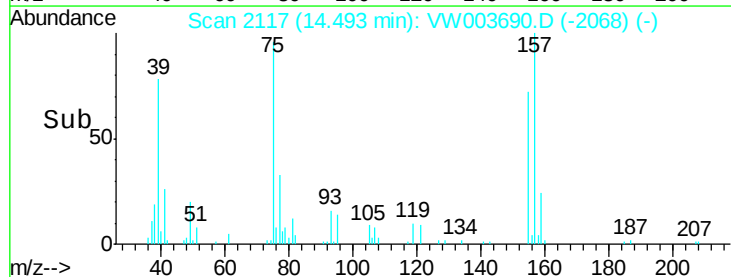
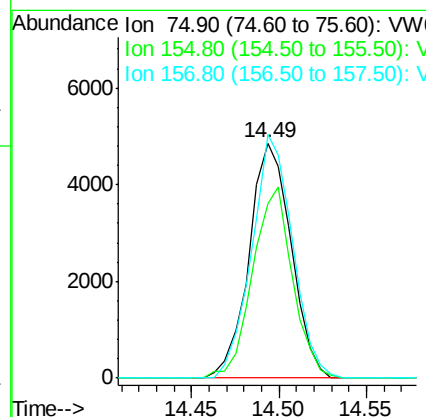
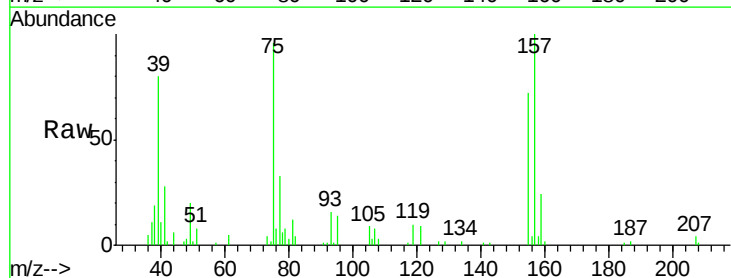
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

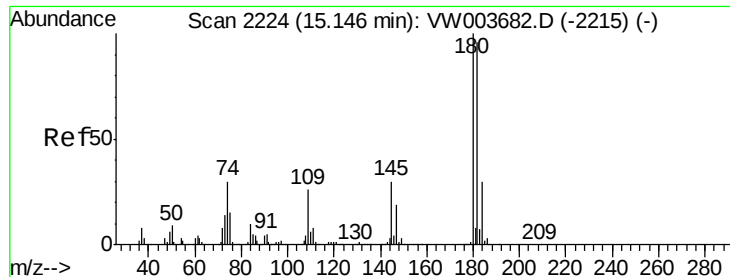
Tot Ion:146 Resp: 116691
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 63.6 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.86 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion: 75 Resp: 8094
 Ion Ratio Lower Upper
 75 100
 155 77.4 40.2 120.6
 157 100.8 50.7 152.3

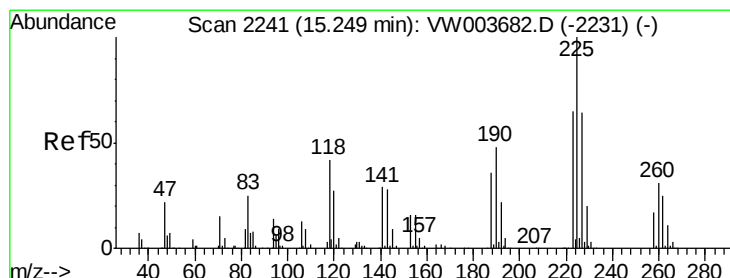
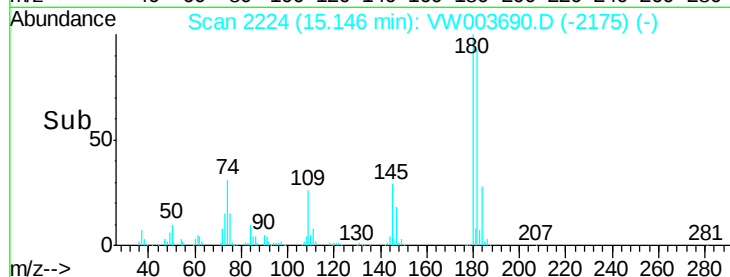
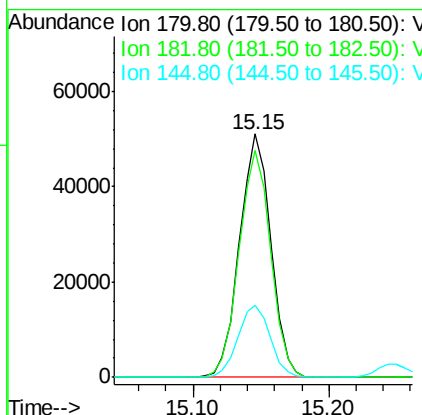
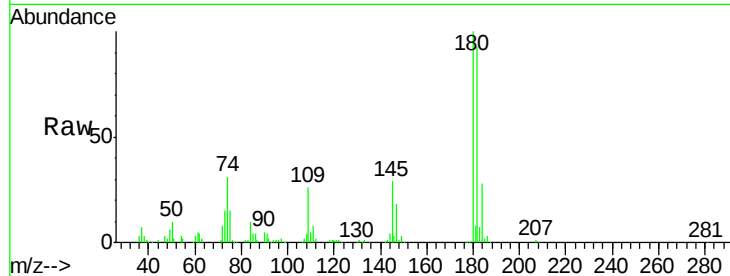




#93
 1,2,4-Trichlorobenzene
 Concen: 20.14 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

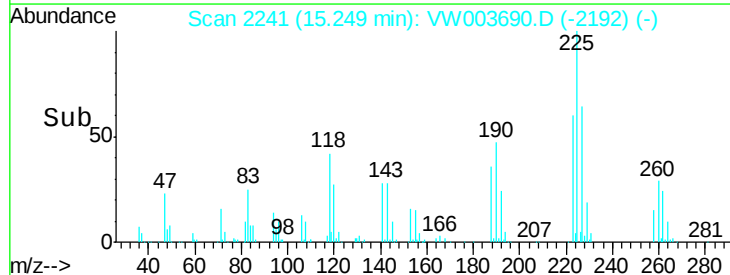
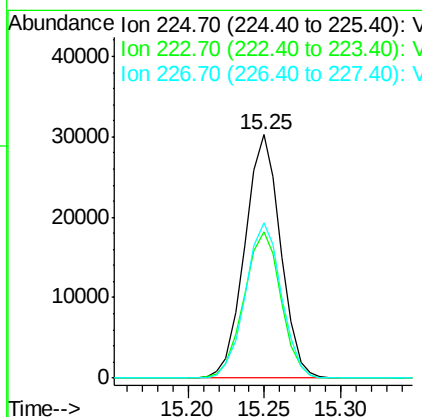
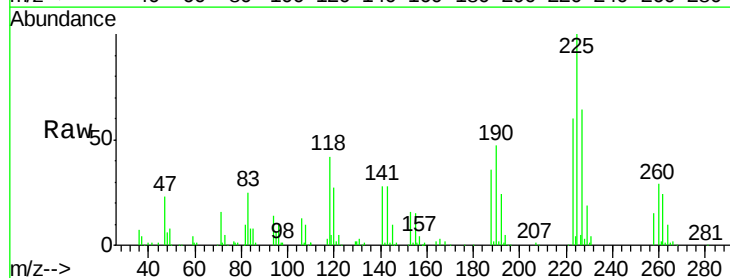
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

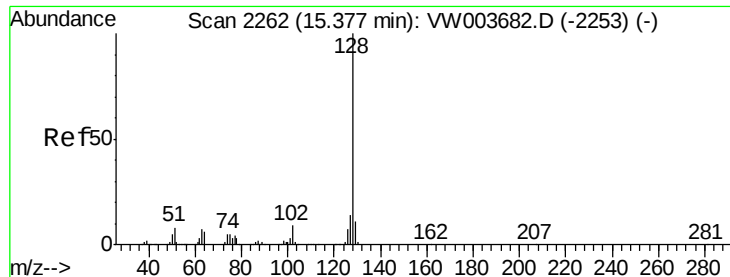
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.8
145	30.3	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 20.79 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003690.D
 Acq: 03 Jul 2018 11:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.0	96.2
227	64.4	31.9	95.7

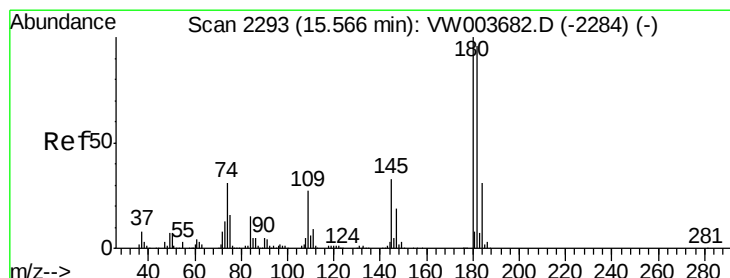
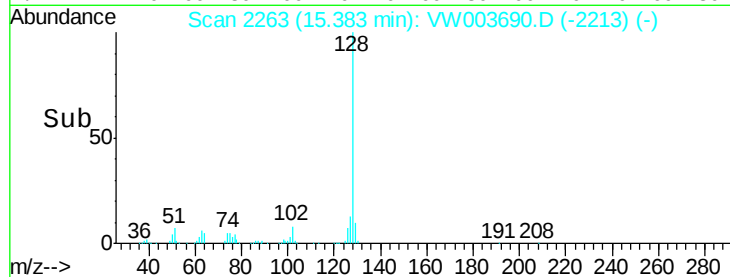
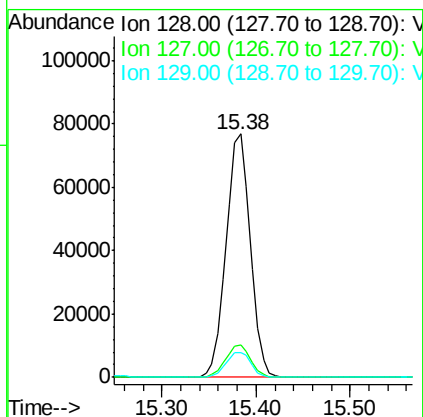
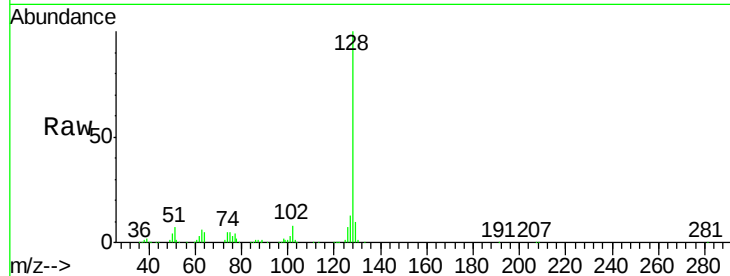




#95
Naphthalene
Concen: 18.49 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Instrument :
MSVOA_W
ClientSampleId :
VW0703SBS01

Tot Ion:128 Resp: 136919
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.51 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VW003690.D
Acq: 03 Jul 2018 11:29

Tgt Ion:180 Resp: 70963
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 32.4 15.9 47.7

