

Data File : VW006001.D
Acq On : 10 Oct 2018 22:32
Operator : SY/AP
Sample : VW1011SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

Quant Time: Oct 11 05:38:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164749	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104003	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	7.89	113	104455	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.33	98	401749	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	147502	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	20814	19.728	ug/l	93
3) Chloromethane	2.21	50	26435	21.301	ug/l	98
4) Vinyl Chloride	2.37	62	40587	20.601	ug/l	96
5) Bromomethane	2.78	94	39814	25.605	ug/l	97
6) Chloroethane	2.93	64	29894	23.815	ug/l	99
7) Trichlorofluoromethane	3.25	101	30453	19.472	ug/l	98
8) Diethyl Ether	3.68	74	21032	21.852	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37309	18.904	ug/l	99
10) Methyl Iodide	4.27	142	63630	19.714	ug/l	99
11) Tert butyl alcohol	5.22	59	13824	90.250	ug/l	96
12) 1,1-Dichloroethene	4.04	96	36006	18.998	ug/l	96
13) Acrolein	3.89	56	12486	91.473	ug/l	94
14) Allyl chloride	4.66	41	51012	15.783	ug/l	95
15) Acrylonitrile	5.37	53	42230	100.818	ug/l	100
16) Acetone	4.14	43	35435	84.881	ug/l	96
17) Carbon Disulfide	4.38	76	91944	16.047	ug/l	98
18) Methyl Acetate	4.68	43	19185	18.211	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	60275	20.442	ug/l	98
20) Methylene Chloride	4.91	84	59361	28.381	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	40853	19.777	ug/l	99
22) Diisopropyl ether	6.31	45	111467	18.449	ug/l	98
23) Vinyl Acetate	6.26	43	340433	91.546	ug/l	99
24) 1,1-Dichloroethane	6.21	63	70467	19.059	ug/l	99
25) 2-Butanone	7.18	43	56164	94.588	ug/l	97
26) 2,2-Dichloropropane	7.17	77	41694	16.023	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	47600	20.376	ug/l	94
28) Bromochloromethane	7.51	49	27448	20.112	ug/l	90
29) Tetrahydrofuran	7.54	42	36912	98.339	ug/l	98
30) Chloroform	7.68	83	76635	20.179	ug/l	96
31) Cyclohexane	7.95	56	62273	17.019	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	62802	18.569	ug/l	99
36) 1,1-Dichloropropene	8.08	75	58092	18.682	ug/l	99
37) Ethyl Acetate	7.26	43	25610	19.448	ug/l	99
38) Carbon Tetrachloride	8.07	117	59071	17.681	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73243	17.858	ug/l	97
40) Benzene	8.32	78	164860	19.371	ug/l	99
41) Methacrylonitrile	7.49	41	14258	17.295	ug/l	91
42) 1,2-Dichloroethane	8.40	62	49772	19.357	ug/l	98
43) Isopropyl Acetate	8.43	43	50321	18.294	ug/l	97
44) Trichloroethene	9.09	130	49444	20.023	ug/l	97
45) 1,2-Dichloropropane	9.37	63	40730	19.119	ug/l	98
46) Dibromomethane	9.46	93	23429	20.010	ug/l	97
47) Bromodichloromethane	9.65	83	54416	18.469	ug/l	97
48) Methyl methacrylate	9.44	41	23642	18.042	ug/l	91
49) 1,4-Dioxane	9.47	88	7855	441.670	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	129422	96.619	ug/l	97
52) Toluene	10.39	92	108834	19.465	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	51754	16.808	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	61071	17.645	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	33819	20.854	ug/l	98
56) Ethyl methacrylate	10.65	69	42186	19.300	ug/l	95
57) 1,3-Dichloropropane	10.93	76	56250	20.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	89071	100.150	ug/l	99
59) 2-Hexanone	10.98	43	88504	92.149	ug/l	95
60) Dibromochloromethane	11.13	129	38639	18.463	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33683	20.785	ug/l	99
64) Tetrachloroethene	10.87	164	45845	20.535	ug/l	98
65) Chlorobenzene	11.66	112	129434	20.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44238	18.799	ug/l	99
67) Ethyl Benzene	11.73	91	216068	19.054	ug/l	99
68) m/p-Xylenes	11.84	106	170486	38.472	ug/l	98
69) o-Xylene	12.17	106	82365	19.414	ug/l	98
70) Styrene	12.18	104	135623	19.267	ug/l	98
71) Bromoform	12.35	173	24376	17.390	ug/l #	98
73) Isopropylbenzene	12.47	105	226156	18.796	ug/l	100
74) N-amyl acetate	12.28	43	50271	17.593	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39021	19.787	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	49394	33.563	ug/l #	100
77) Bromobenzene	12.75	156	57565	20.194	ug/l	95
78) n-propylbenzene	12.81	91	264877	18.714	ug/l	99
79) 2-Chlorotoluene	12.90	91	150530	18.840	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	190469	18.751	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9815	14.080	ug/l	95
82) 4-Chlorotoluene	12.99	91	159773	19.007	ug/l	98
83) tert-Butylbenzene	13.21	119	172081	19.047	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	197421	19.267	ug/l	100
85) sec-Butylbenzene	13.39	105	241967	19.080	ug/l	99
86) p-Isopropyltoluene	13.51	119	217121	19.038	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	113548	20.050	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	111693	19.847	ug/l	99
89) n-Butylbenzene	13.83	91	200287	18.631	ug/l	98
90) Hexachloroethane	14.10	117	34874	16.259	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	103280	20.541	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6578	17.898	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101118\
Quantitation Report (Not Reviewed)

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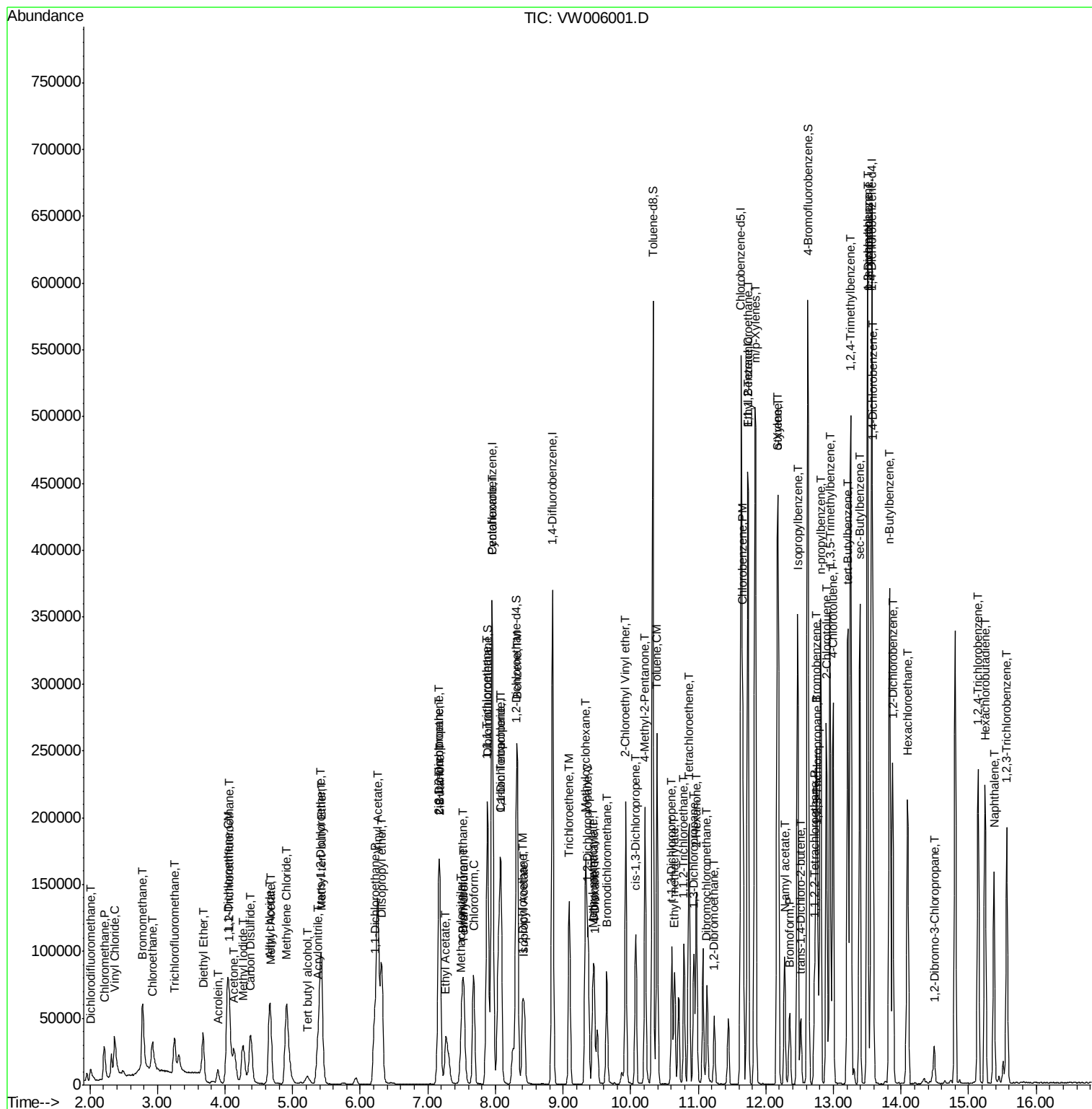
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77252	19.816	ug/l	99
94) Hexachlorobutadiene	15.24	225	45053	18.514	ug/l	100
95) Naphthalene	15.38	128	140775	20.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69152	20.486	ug/l	100

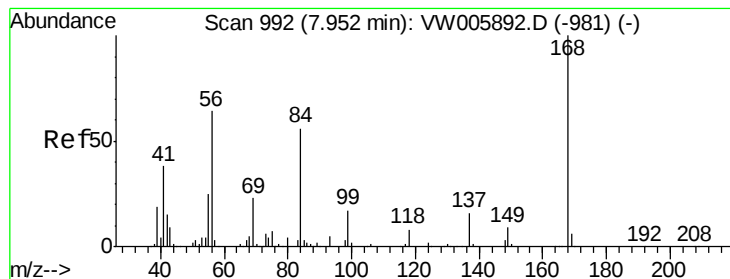
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

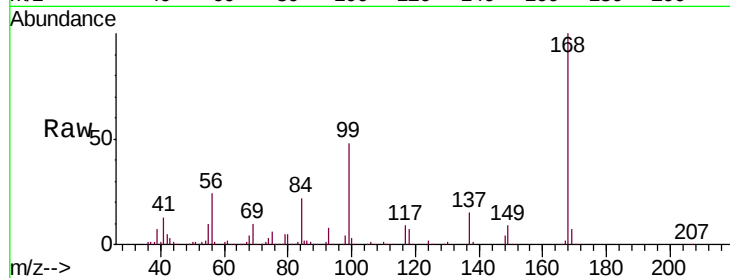
VW1011SBS01

Tgt Ion:168 Resp: 215295

Ion Ratio Lower Upper

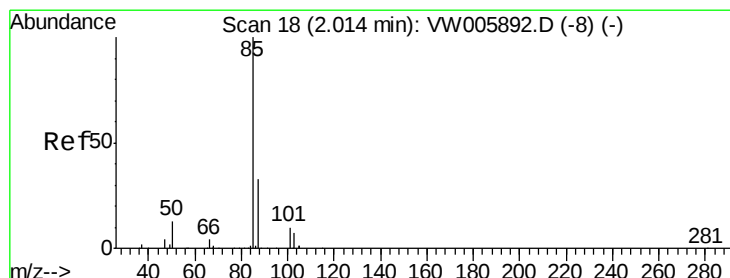
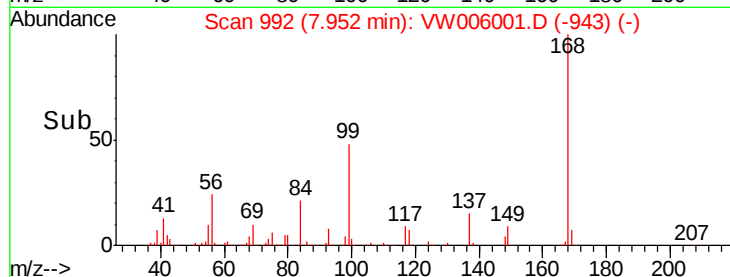
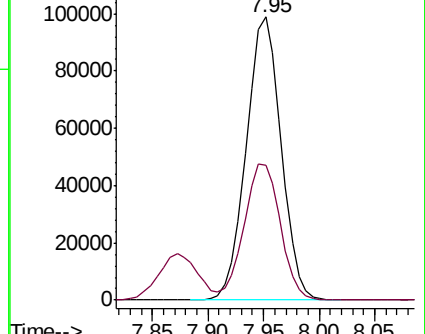
168 100

99 47.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.728 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006001.D

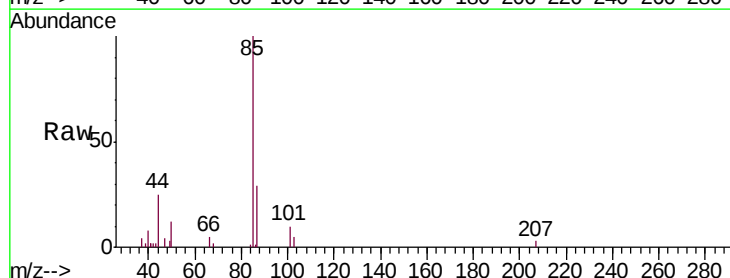
Acq: 10 Oct 2018 22:32

Tgt Ion: 85 Resp: 20814

Ion Ratio Lower Upper

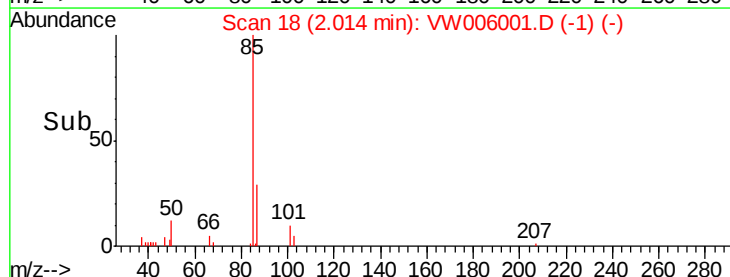
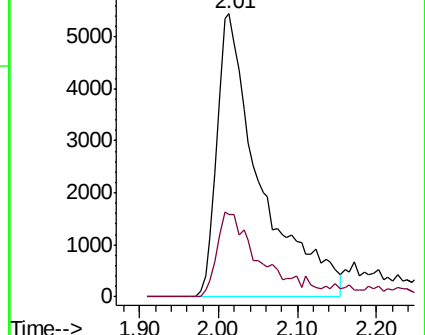
85 100

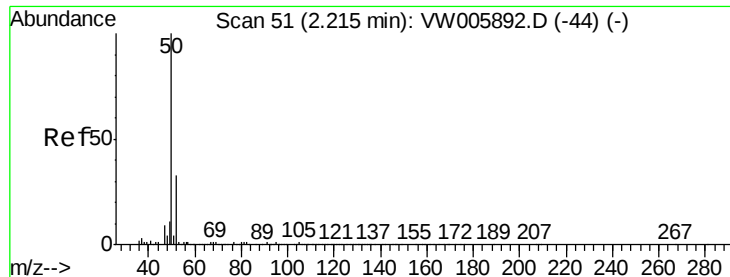
87 29.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.301 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

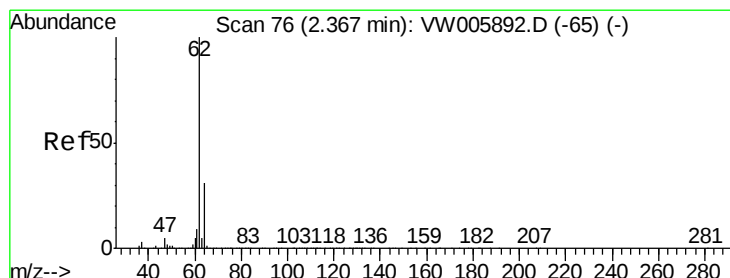
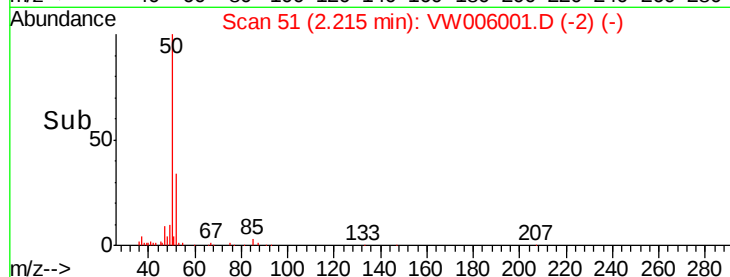
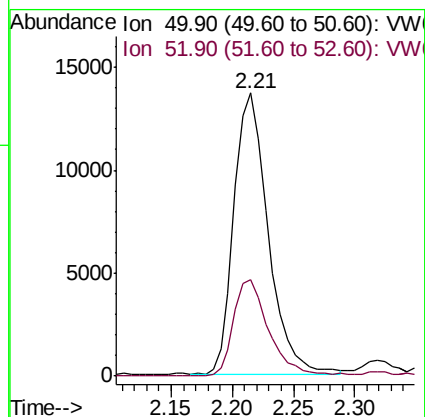
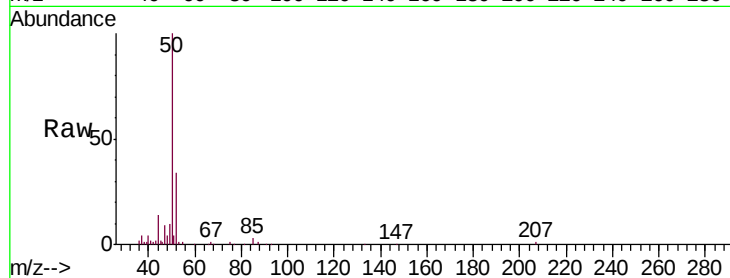
VW1011SBS01

Tgt Ion: 50 Resp: 26435

Ion Ratio Lower Upper

50 100

52 34.3 26.7 40.1



#4

Vinyl Chloride

Concen: 20.601 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW006001.D

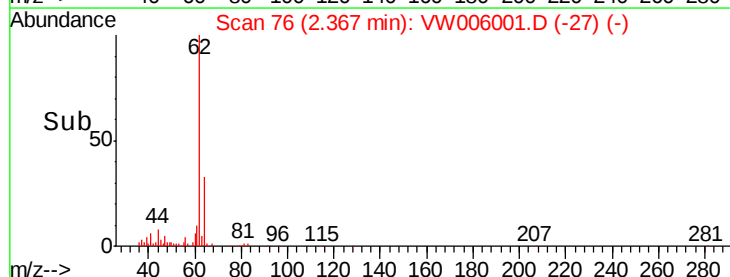
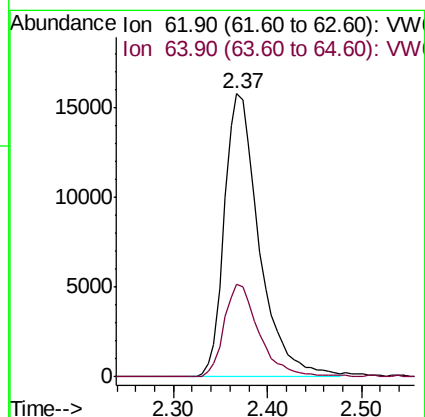
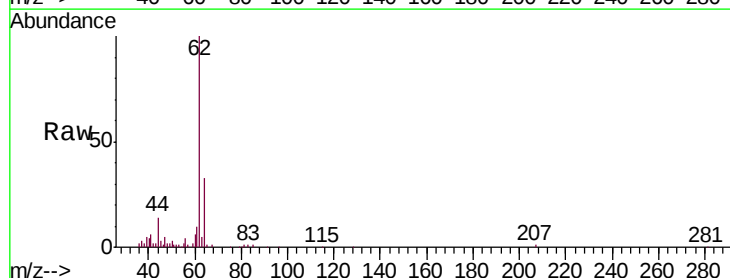
Acq: 10 Oct 2018 22:32

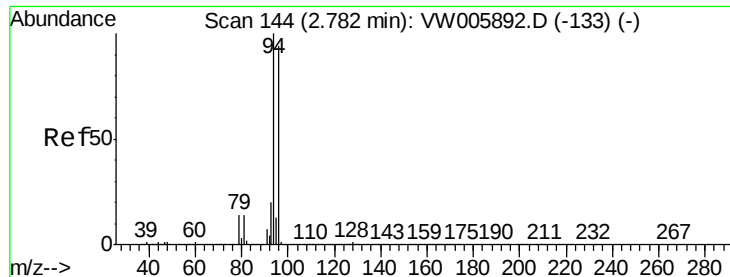
Tgt Ion: 62 Resp: 40587

Ion Ratio Lower Upper

62 100

64 32.9 24.6 36.8





#5

Bromomethane

Concen: 25.605 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

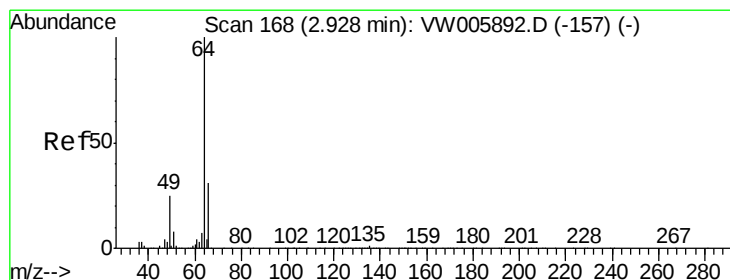
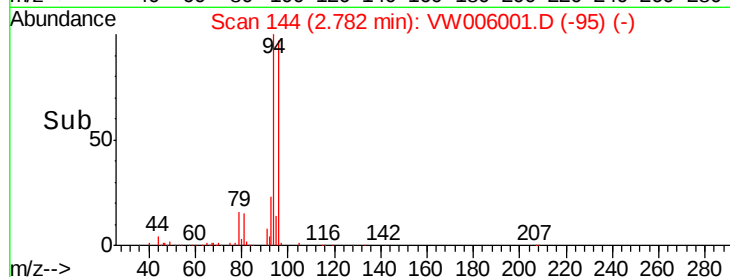
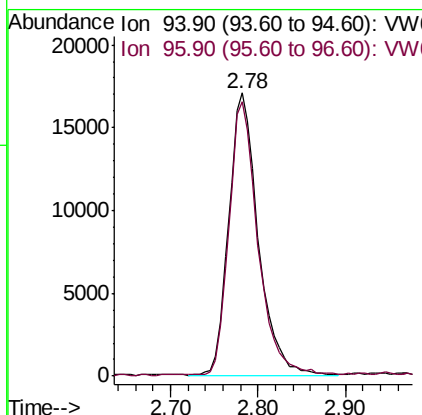
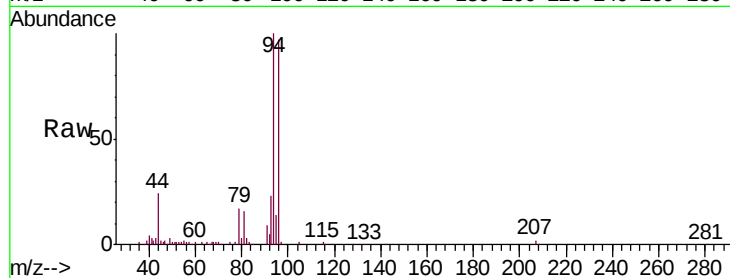
VW1011SBS01

Tgt Ion: 94 Resp: 39814

Ion Ratio Lower Upper

94 100

96 96.8 75.0 112.4



#6

Chloroethane

Concen: 23.815 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006001.D

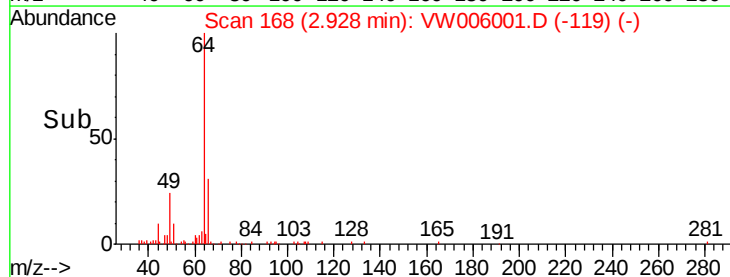
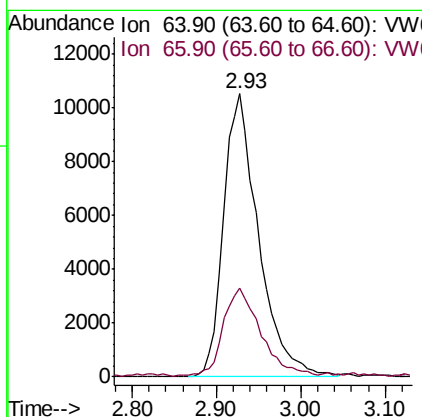
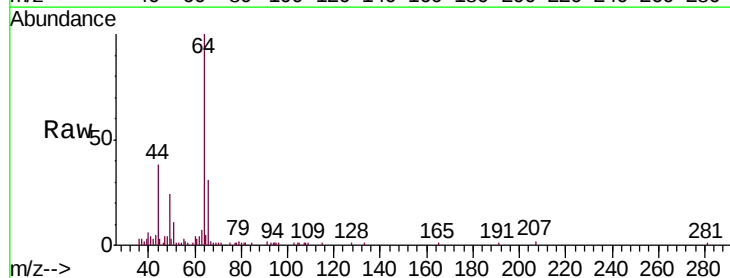
Acq: 10 Oct 2018 22:32

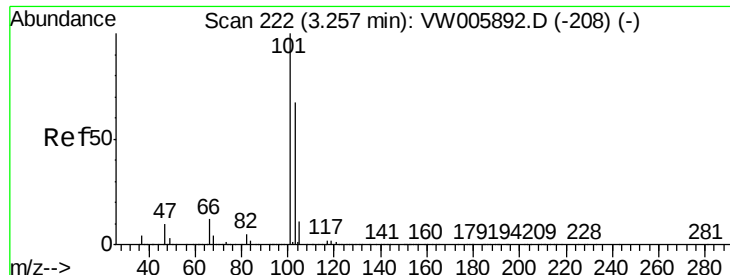
Tgt Ion: 64 Resp: 29894

Ion Ratio Lower Upper

64 100

66 30.4 25.0 37.4



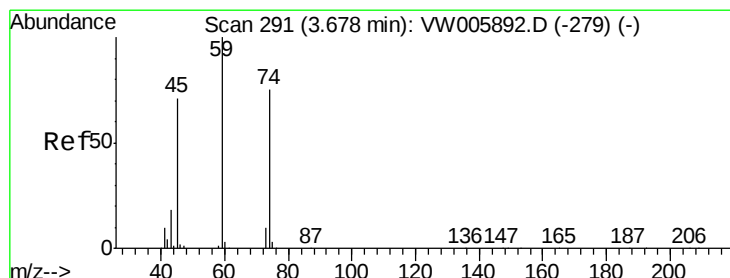
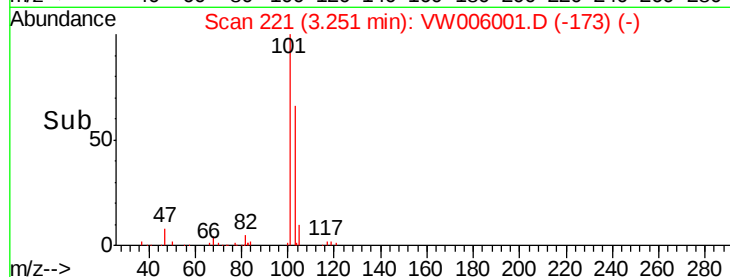
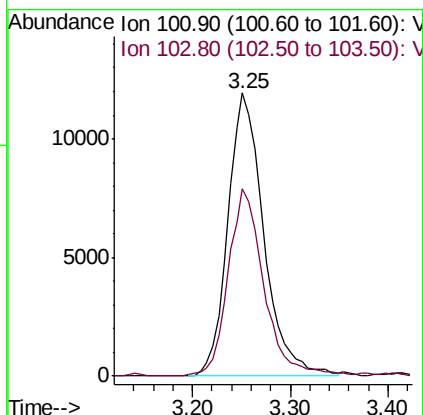
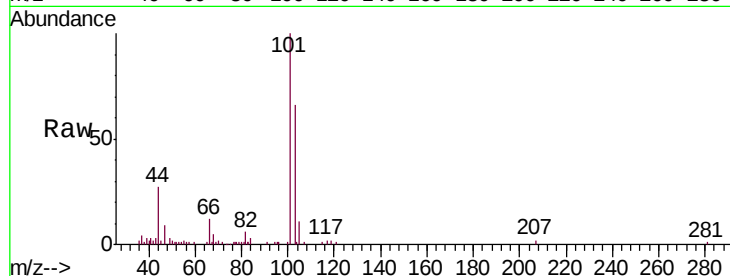


#7

Trichlorofluoromethane
 Concen: 19.472 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW006001.D
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Instrument :
 MSVOA_W
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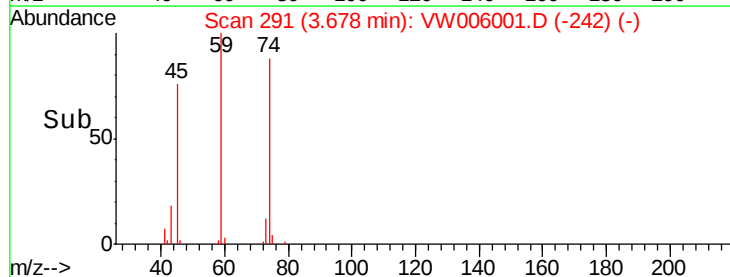
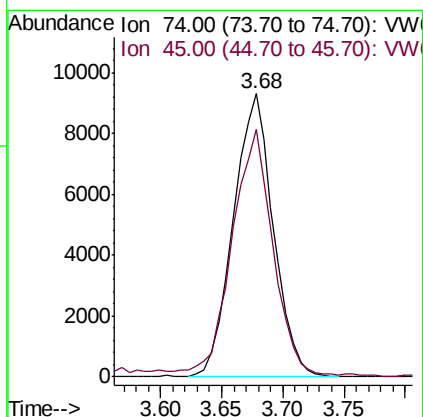
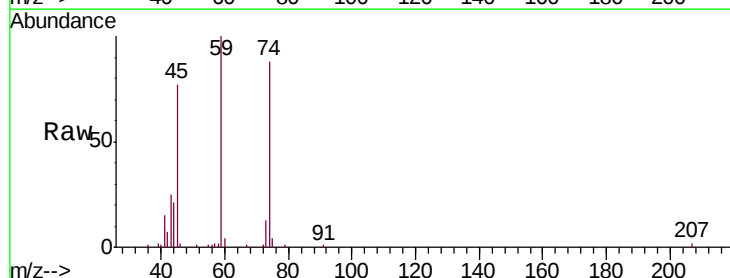
Tgt Ion: 101 Resp: 30453
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.5 80.3

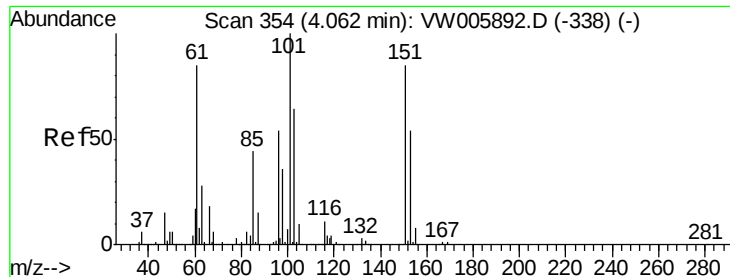


#8

Diethyl Ether
 Concen: 21.852 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion: 74 Resp: 21032
 Ion Ratio Lower Upper
 74 100
 45 87.5 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.904 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006001.D

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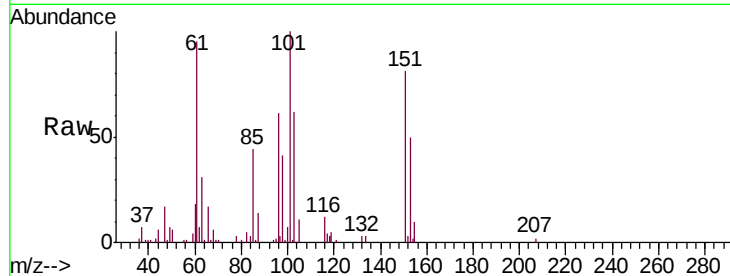
Tgt Ion:101 Resp: 37309

Ion Ratio Lower Upper

101 100

85 43.6 35.1 52.7

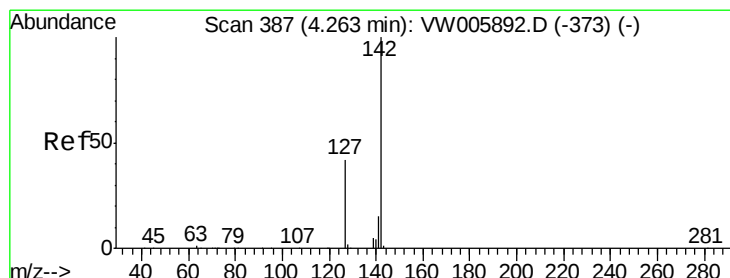
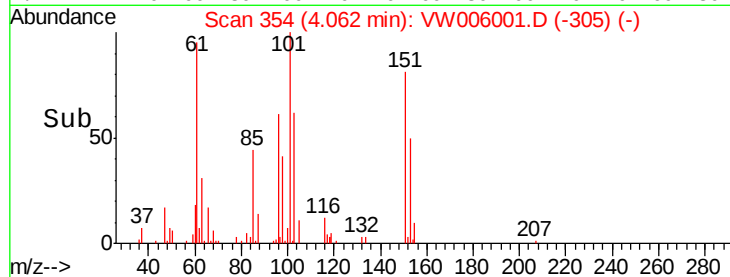
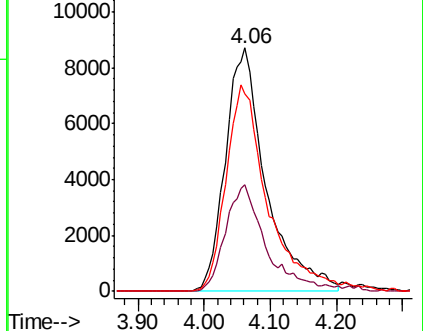
151 85.5 67.7 101.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.714 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

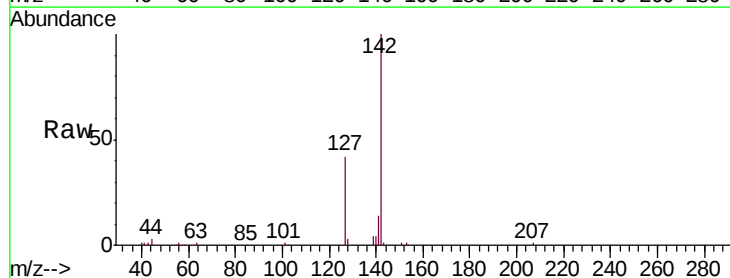
Tgt Ion:142 Resp: 63630

Ion Ratio Lower Upper

142 100

127 41.2 33.7 50.5

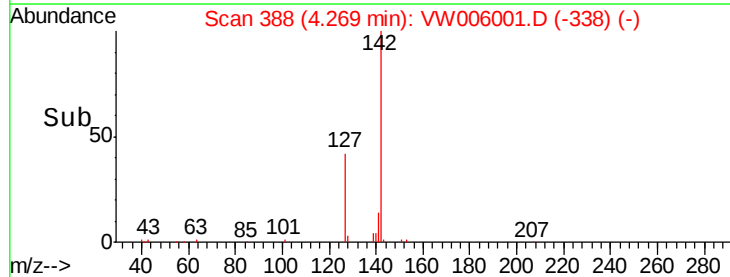
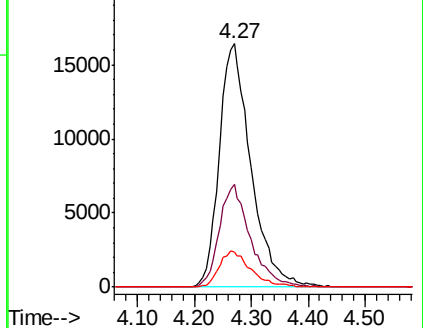
141 14.7 11.5 17.3

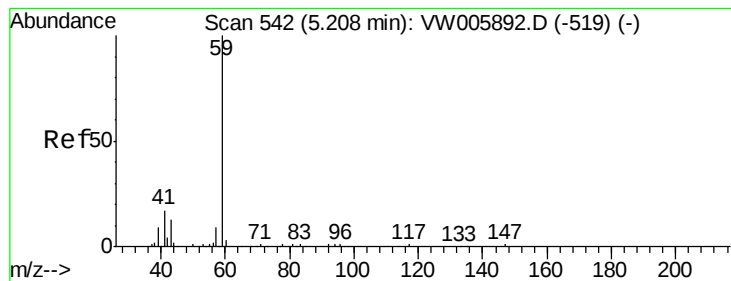


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 90.250 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

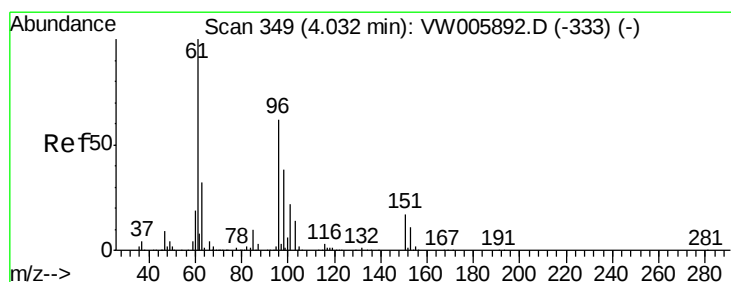
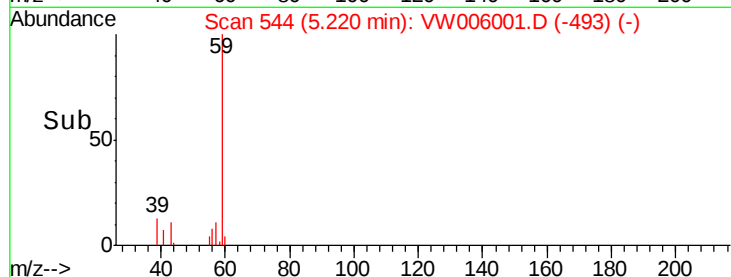
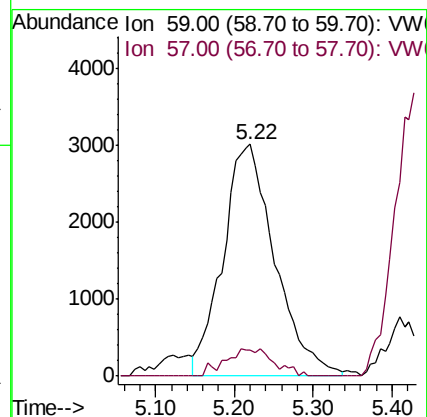
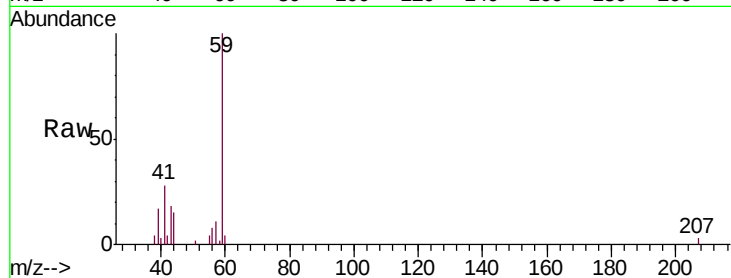
VW1011SBS01

Tgt Ion: 59 Resp: 13824

Ion Ratio Lower Upper

59 100

57 11.0 7.7 11.5



#12

1,1-Dichloroethene

Concen: 18.998 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

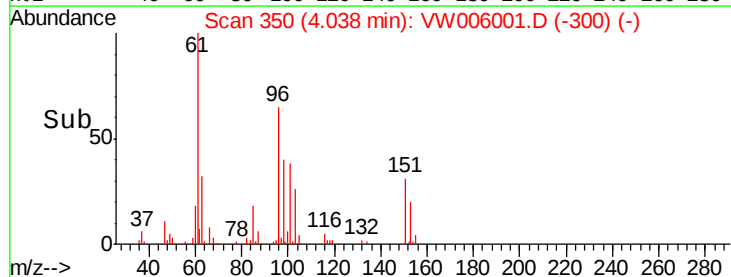
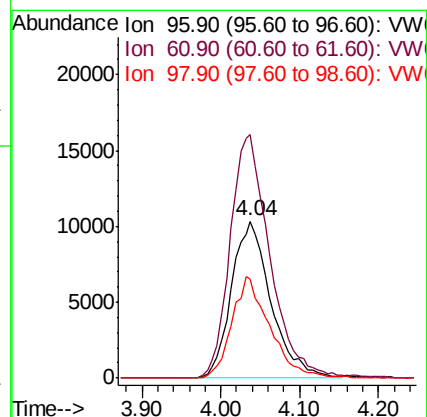
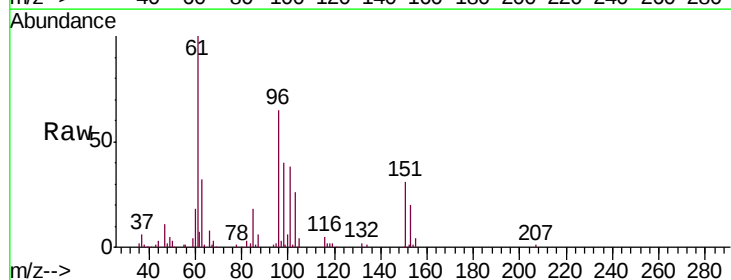
Tgt Ion: 96 Resp: 36006

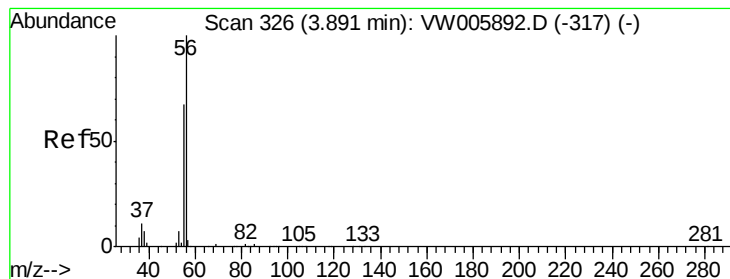
Ion Ratio Lower Upper

96 100

61 154.9 128.6 193.0

98 62.6 49.4 74.0





#13

Acrolein

Concen: 91.473 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

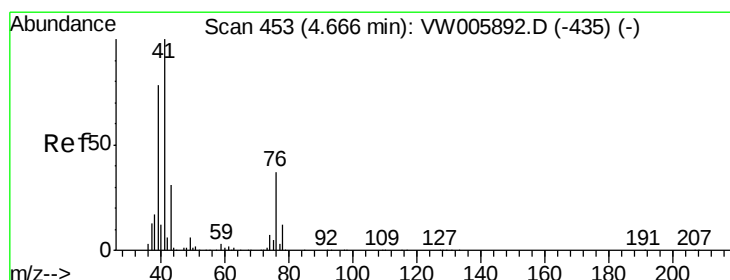
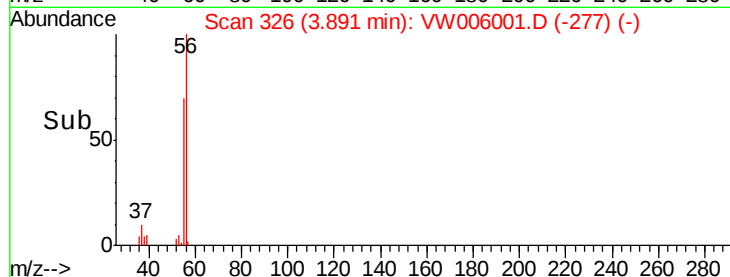
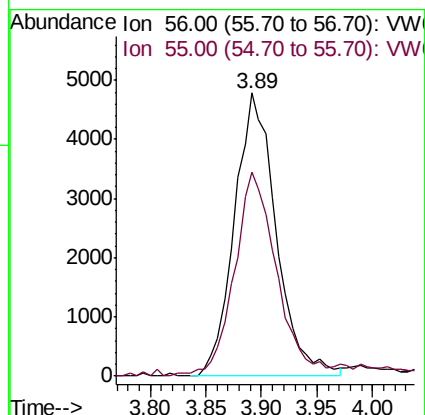
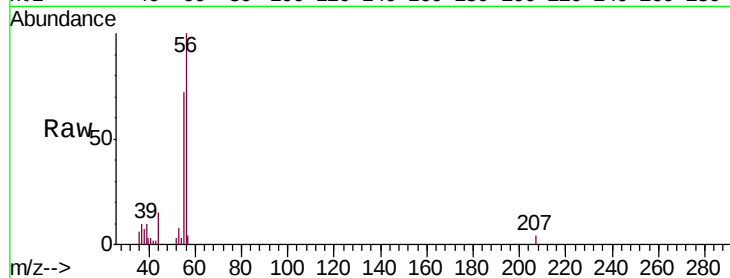
VW1011SBS01

Tgt Ion: 56 Resp: 12486

Ion Ratio Lower Upper

56 100

55 73.2 54.6 82.0



#14

Allyl chloride

Concen: 15.783 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

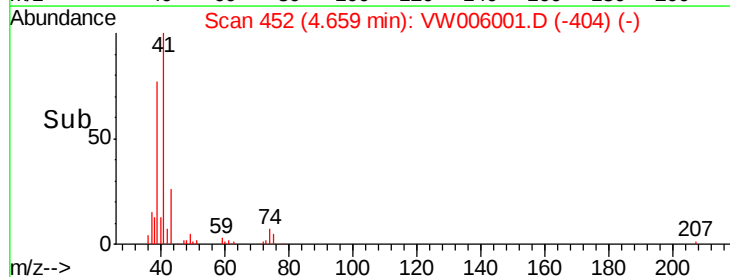
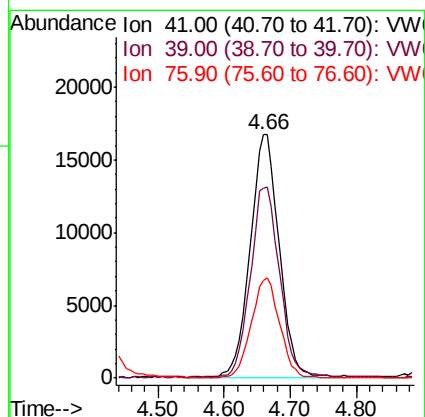
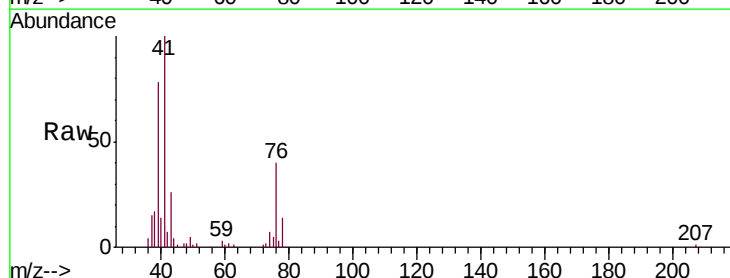
Tgt Ion: 41 Resp: 51012

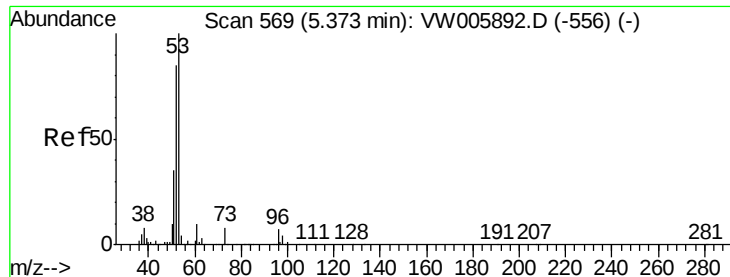
Ion Ratio Lower Upper

41 100

39 80.3 60.8 91.2

76 40.4 29.6 44.4





#15

Acrylonitrile

Concen: 100.818 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBS01

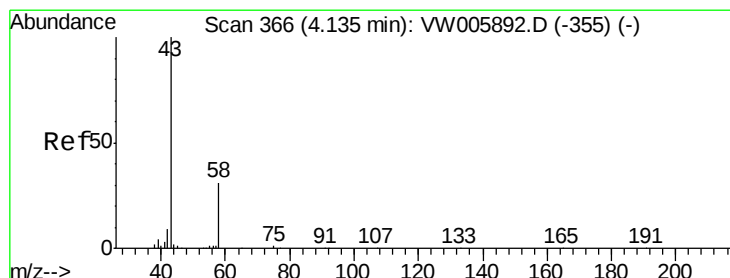
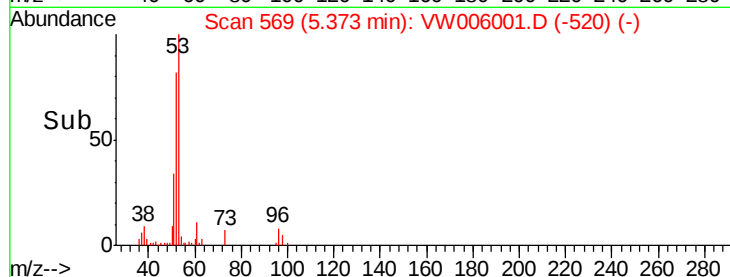
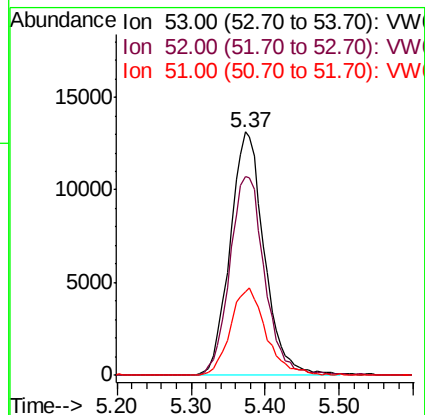
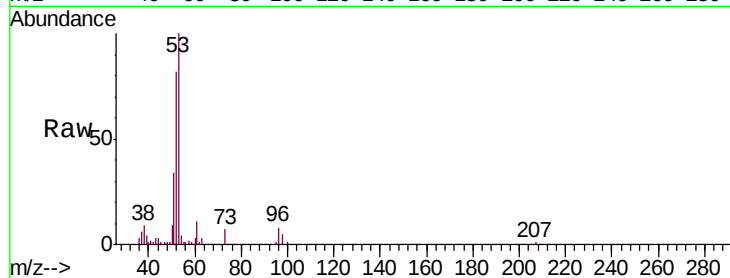
Tgt Ion: 53 Resp: 42230

Ion Ratio Lower Upper

53 100

52 83.2 66.8 100.2

51 37.2 29.8 44.6



#16

Acetone

Concen: 84.881 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW006001.D

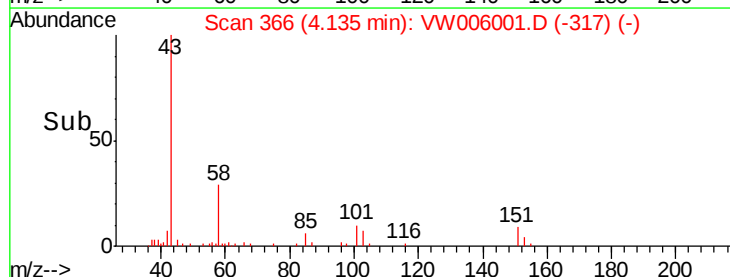
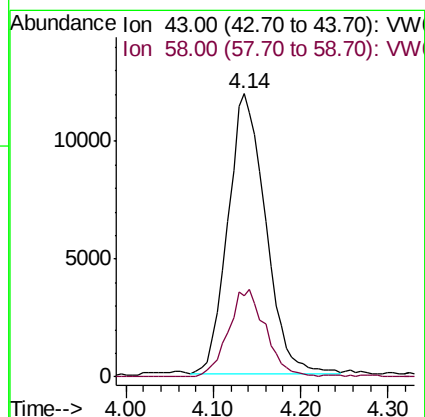
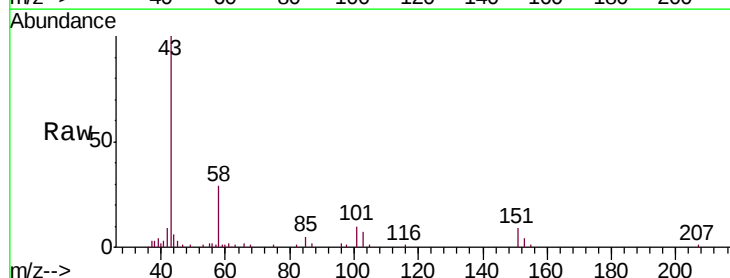
Acq: 10 Oct 2018 22:32

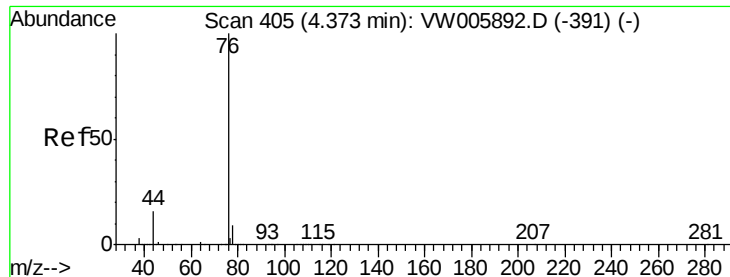
Tgt Ion: 43 Resp: 35435

Ion Ratio Lower Upper

43 100

58 29.0 24.7 37.1

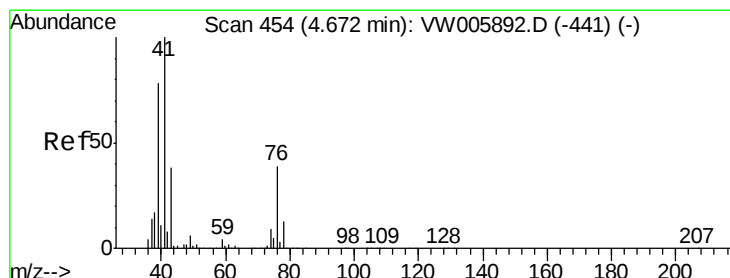
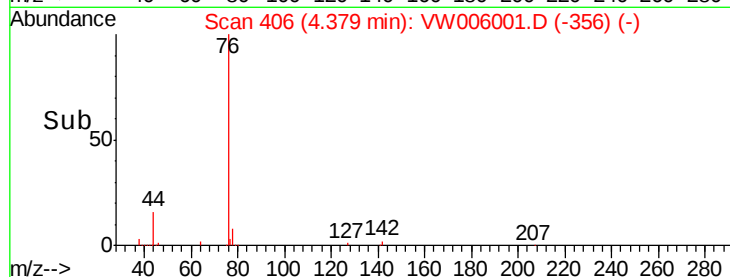
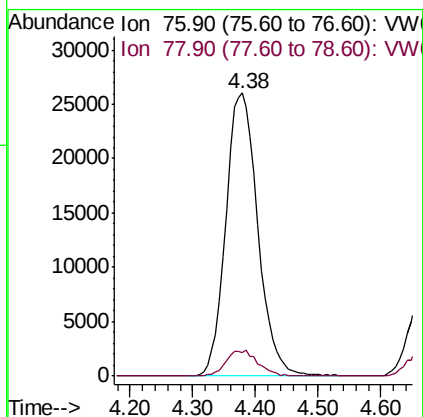
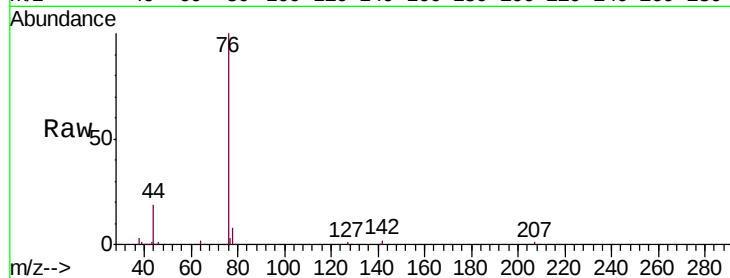




#17
Carbon Disulfide
Concen: 16.047 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

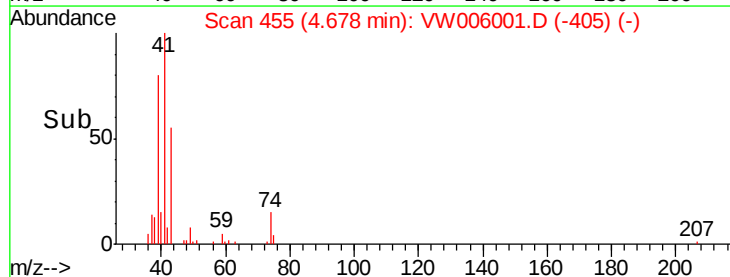
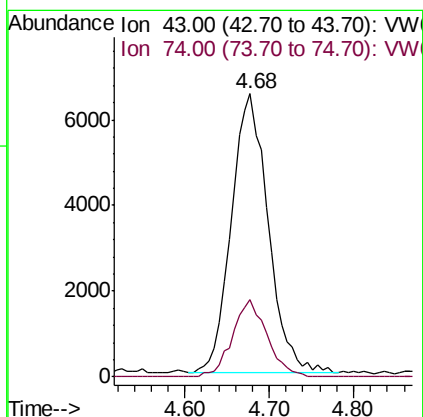
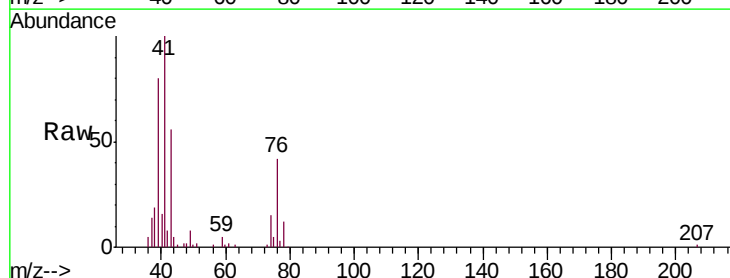
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

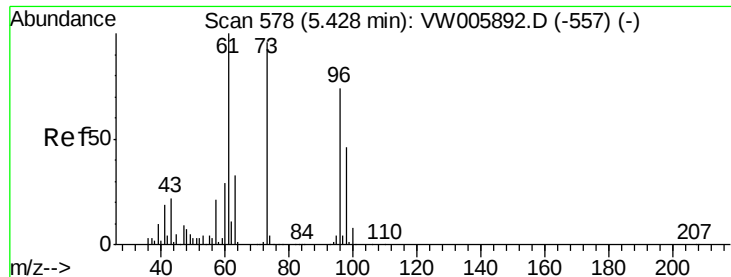
Tgt Ion: 76 Resp: 91944
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 18.211 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion: 43 Resp: 19185
Ion Ratio Lower Upper
43 100
74 26.1 19.2 28.8

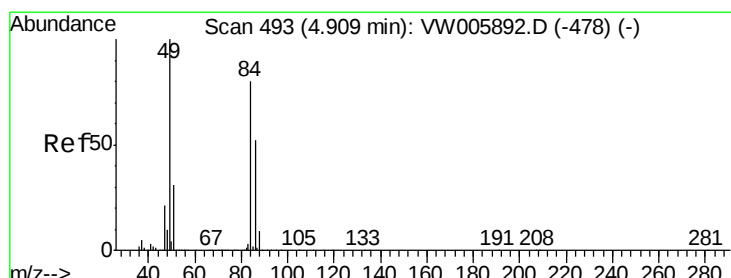
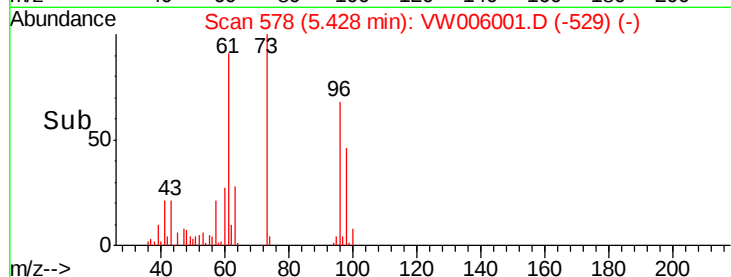
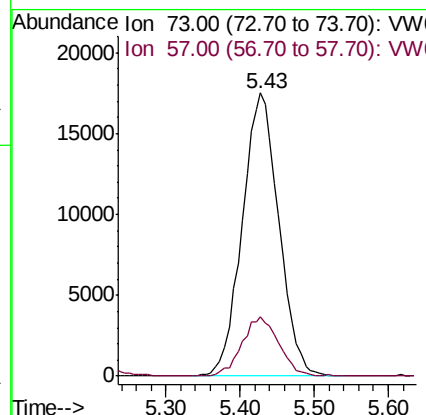
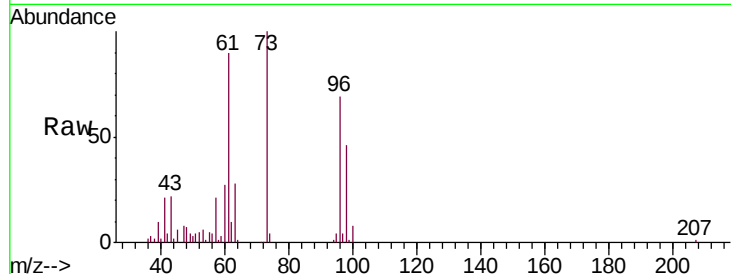




#19
Methyl tert-butyl Ether
Concen: 20.442 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

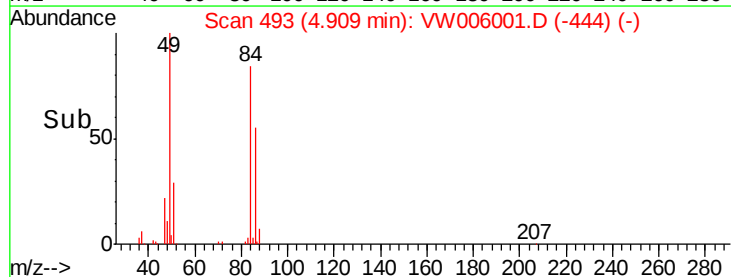
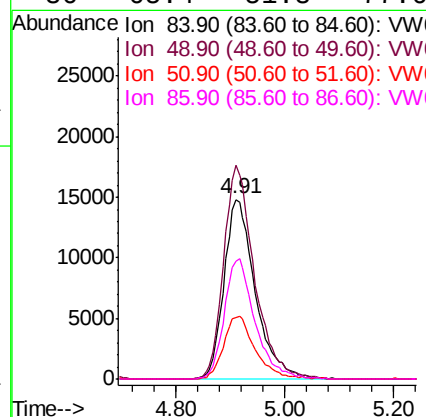
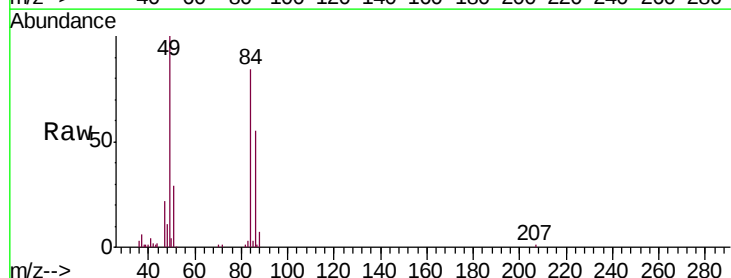
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

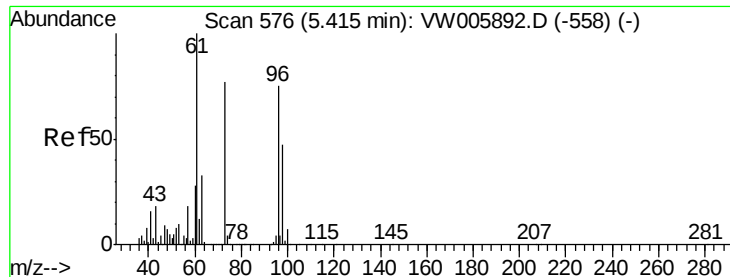
Tgt Ion: 73 Resp: 60275
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 28.381 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion: 84 Resp: 59361
Ion Ratio Lower Upper
84 100
49 118.9 99.9 149.9
51 33.9 31.1 46.7
86 65.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.777 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBS01

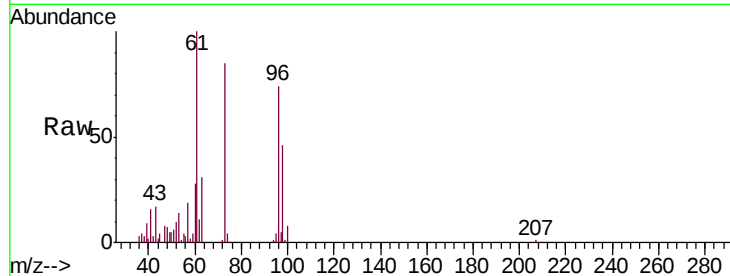
Tgt Ion: 96 Resp: 40853

Ion Ratio Lower Upper

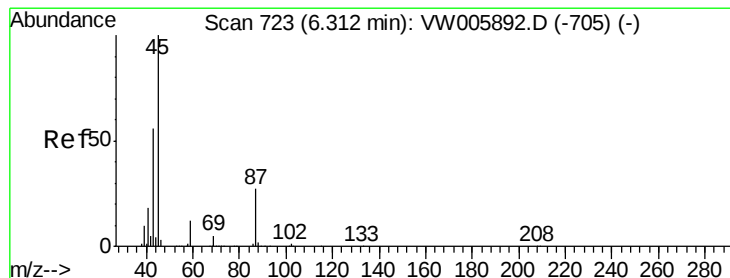
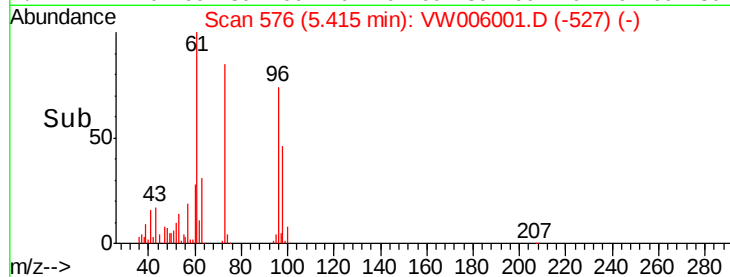
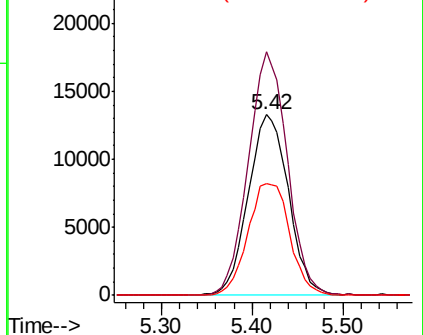
96 100

61 134.6 107.4 161.0

98 61.5 50.8 76.2



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



#22

Diisopropyl ether

Concen: 18.449 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Tgt Ion: 45 Resp: 111467

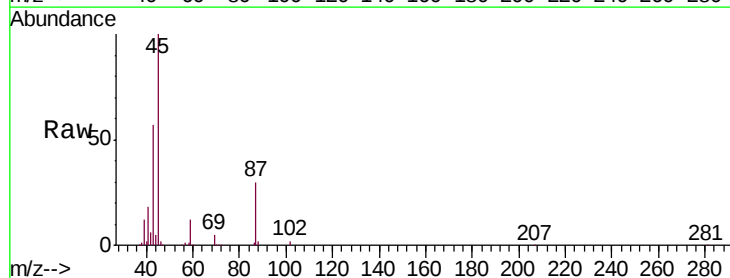
Ion Ratio Lower Upper

45 100

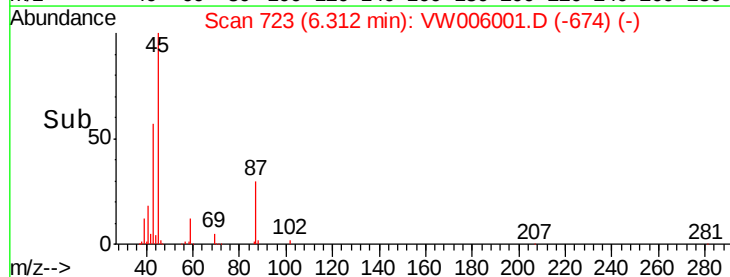
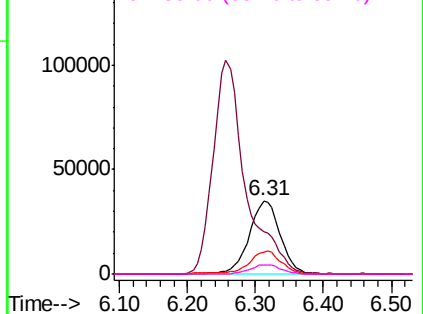
43 56.8 45.9 68.9

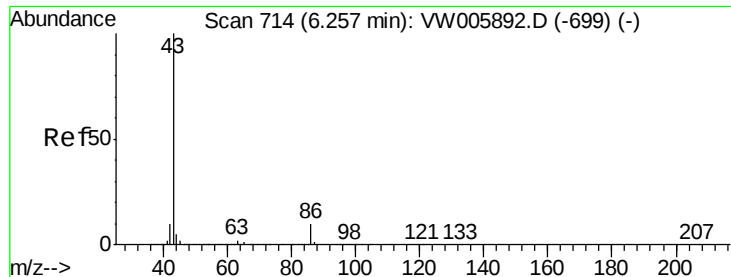
87 30.5 22.2 33.4

59 12.1 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 91.546 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

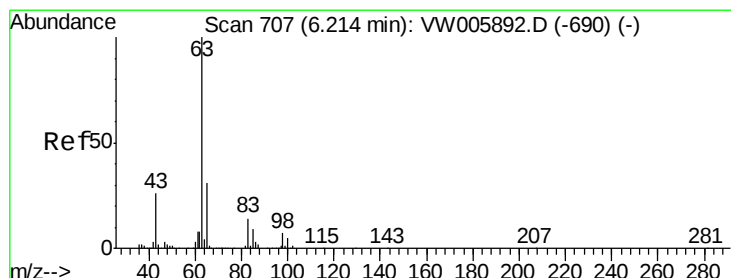
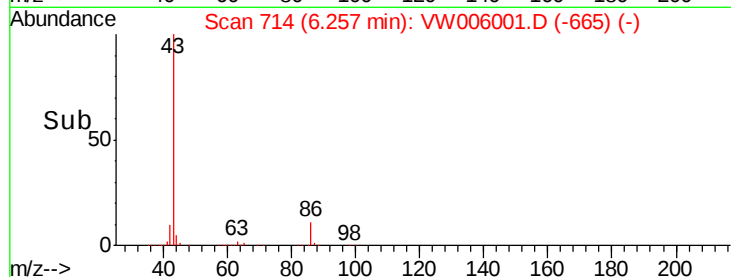
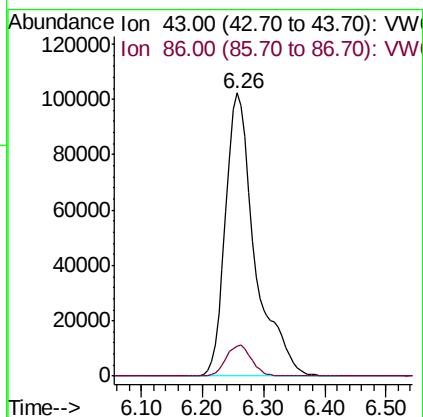
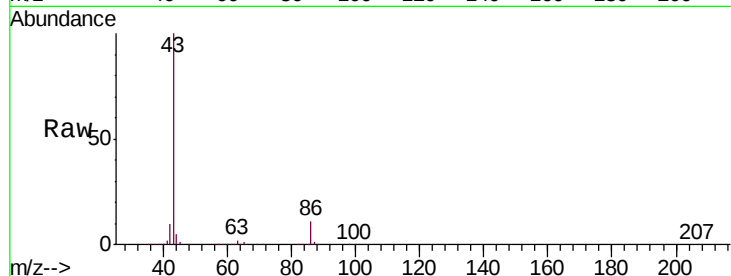
VW1011SBS01

Tgt Ion: 43 Resp: 340433

Ion Ratio Lower Upper

43 100

86 10.7 8.2 12.4



#24

1,1-Dichloroethane

Concen: 19.059 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

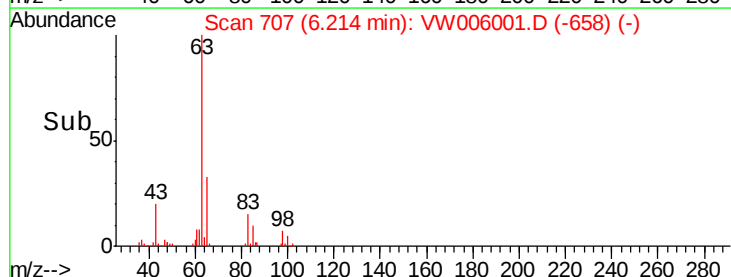
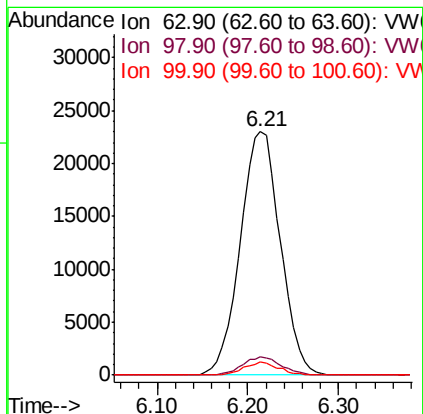
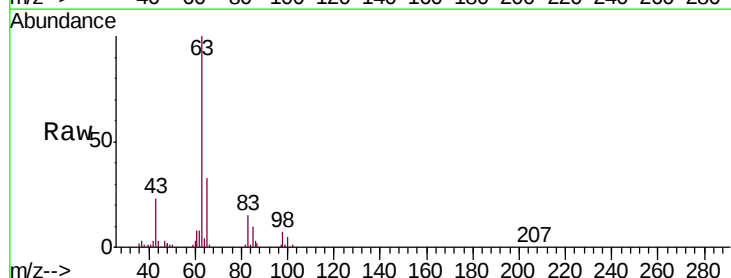
Tgt Ion: 63 Resp: 70467

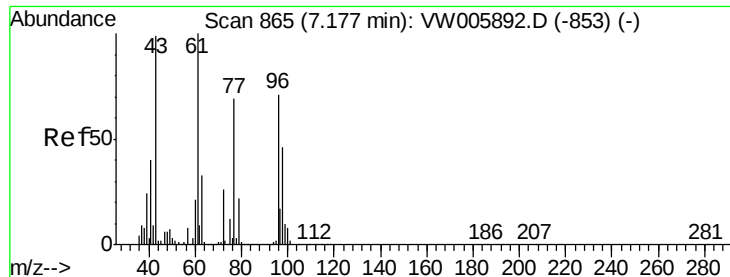
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 5.4 2.4 7.1





#25

2-Butanone

Concen: 94.588 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

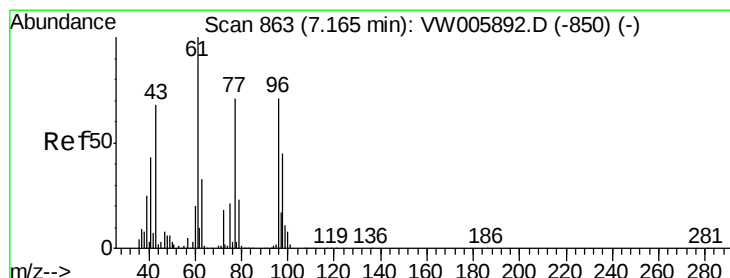
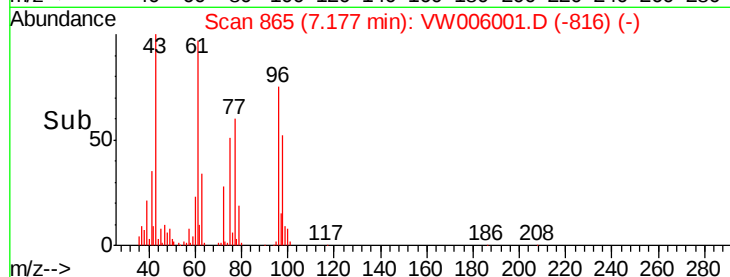
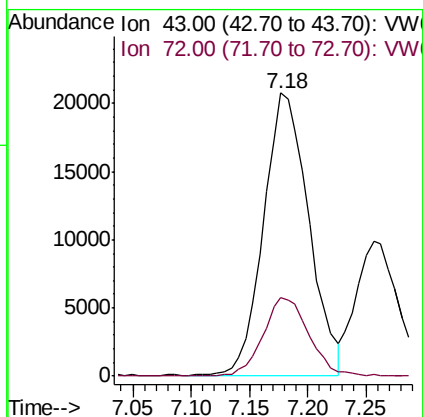
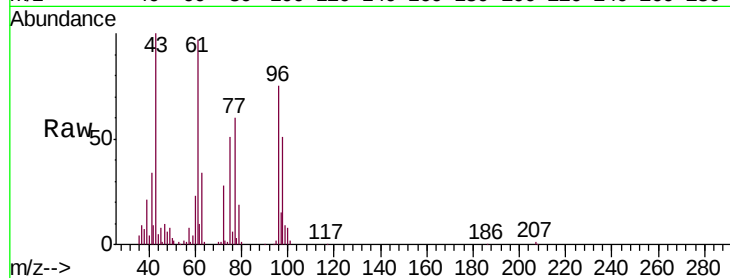
VW1011SBS01

Tgt Ion: 43 Resp: 56164

Ion Ratio Lower Upper

43 100

72 27.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 16.023 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW006001.D

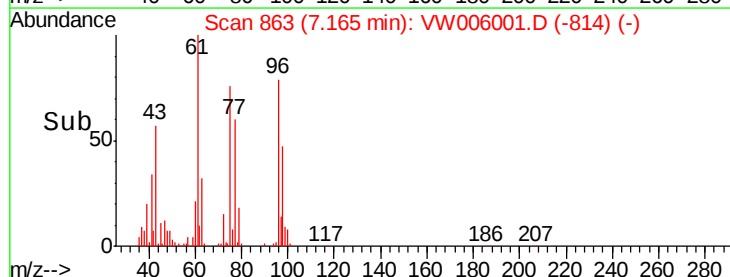
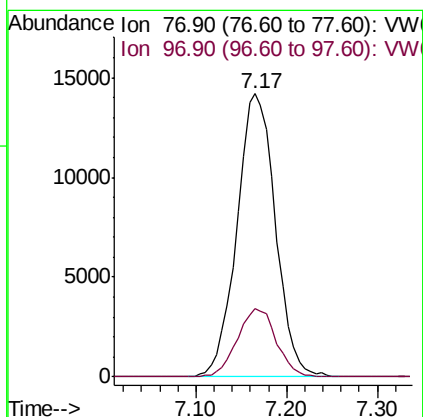
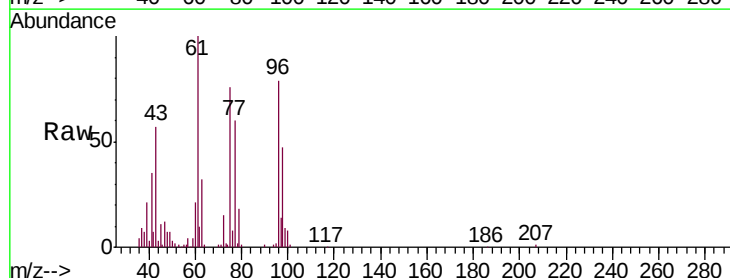
Acq: 10 Oct 2018 22:32

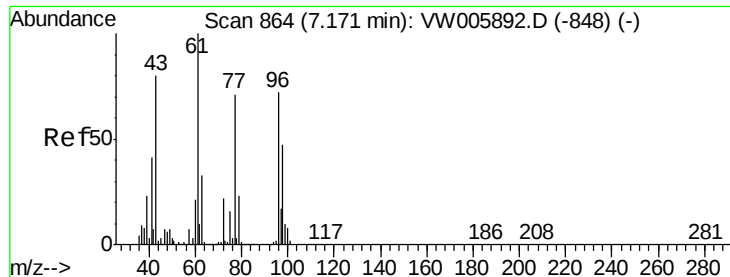
Tgt Ion: 77 Resp: 41694

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.7



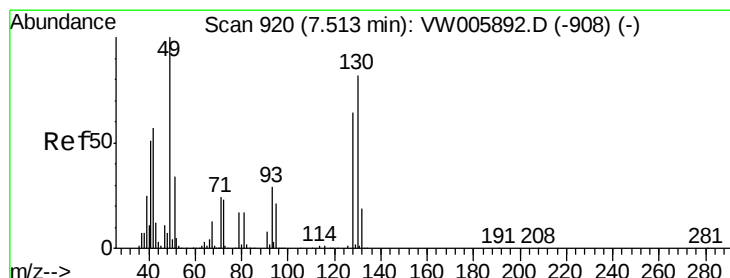
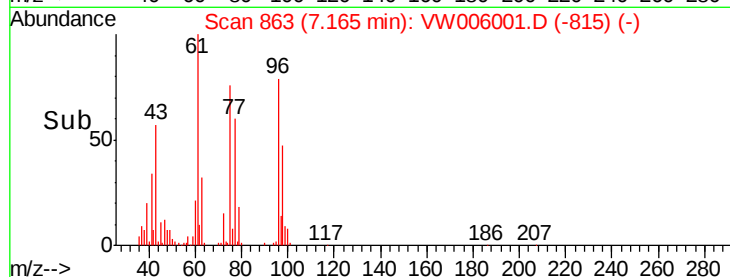
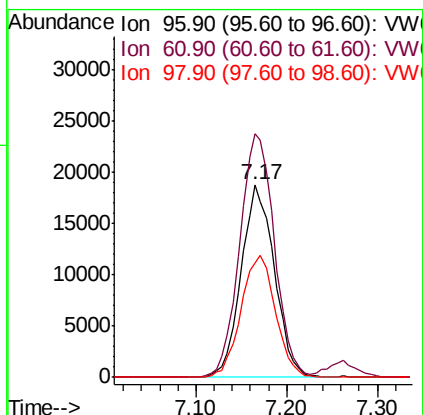
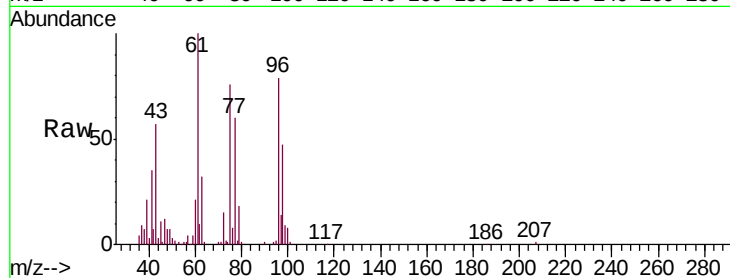


#27

cis-1,2-Dichloroethene
Concen: 20.376 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

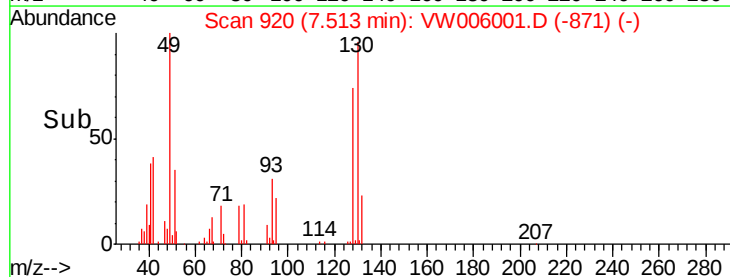
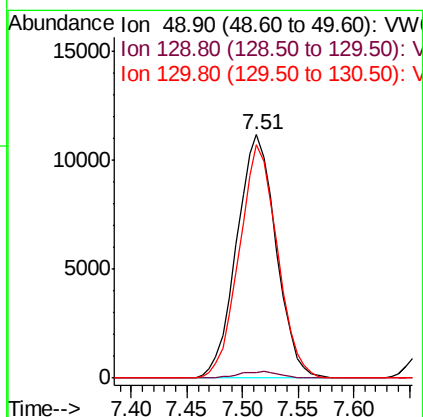
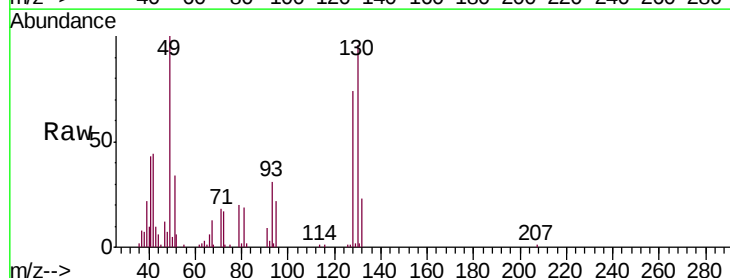
Tgt Ion: 96 Resp: 47600
Ion Ratio Lower Upper
96 100
61 132.1 0.0 284.0
98 65.5 0.0 129.8

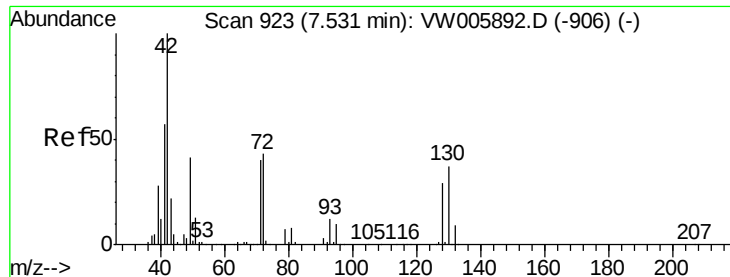


#28

Bromochloromethane
Concen: 20.112 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion: 49 Resp: 27448
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.0
130 92.9 66.9 100.3

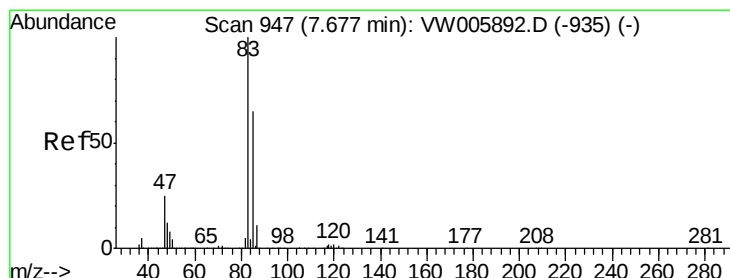
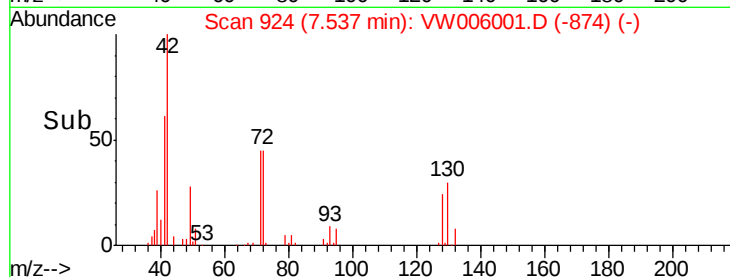
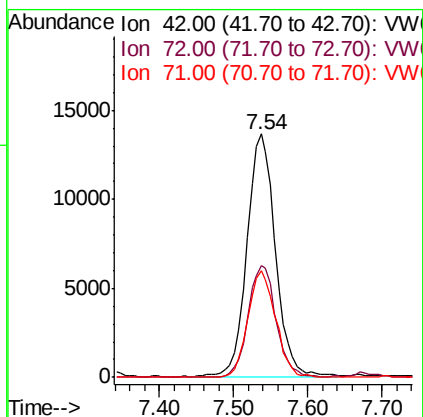
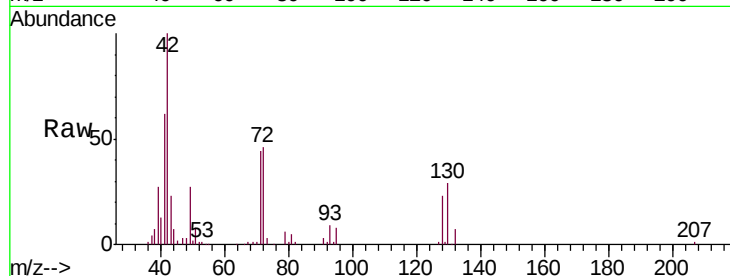




#29
Tetrahydrofuran
Concen: 98.339 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

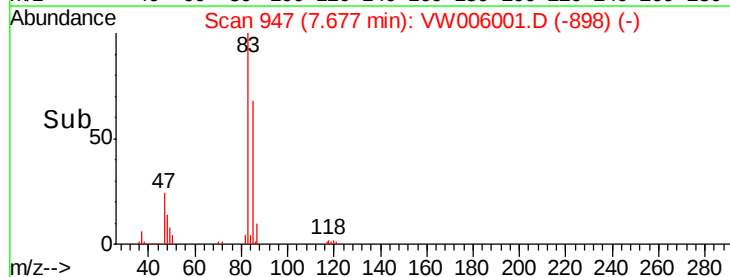
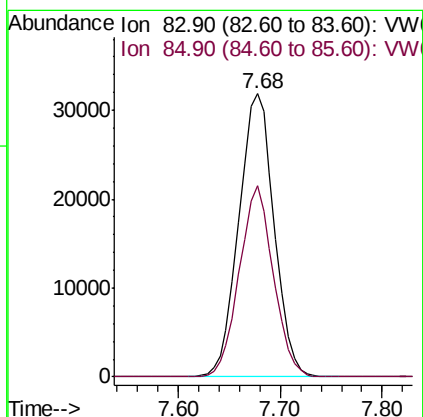
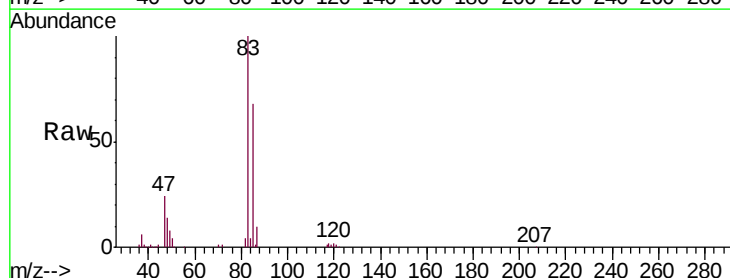
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

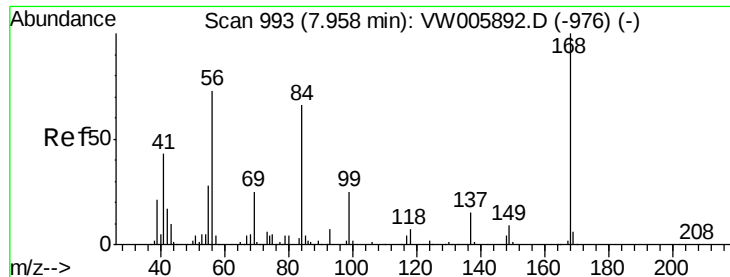
Tgt Ion: 42 Resp: 36912
Ion Ratio Lower Upper
42 100
72 44.8 34.6 51.8
71 42.3 32.6 49.0



#30
Chloroform
Concen: 20.179 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion: 83 Resp: 76635
Ion Ratio Lower Upper
83 100
85 67.6 51.6 77.4

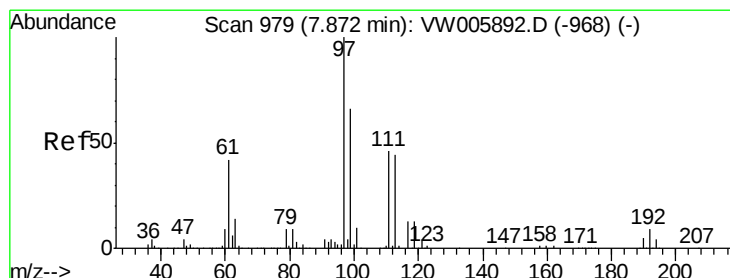
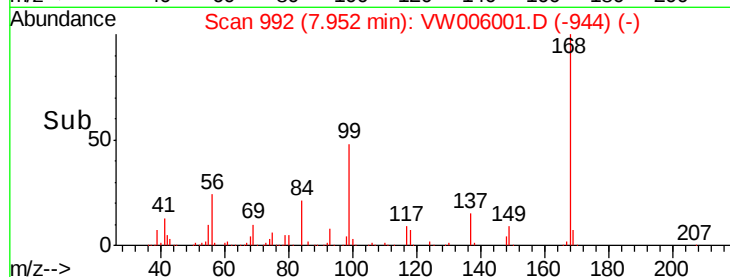
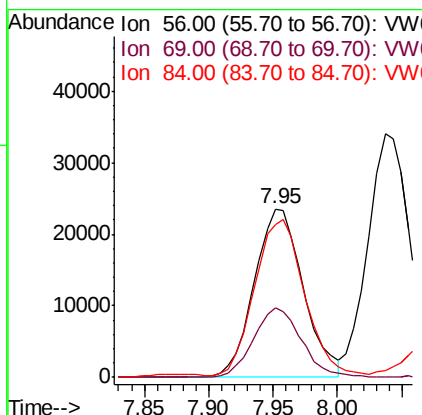
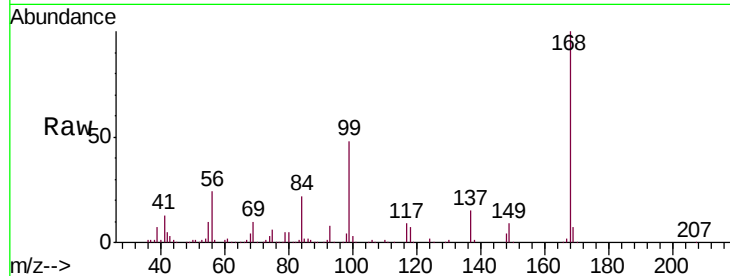




#31
Cyclohexane
Concen: 17.019 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

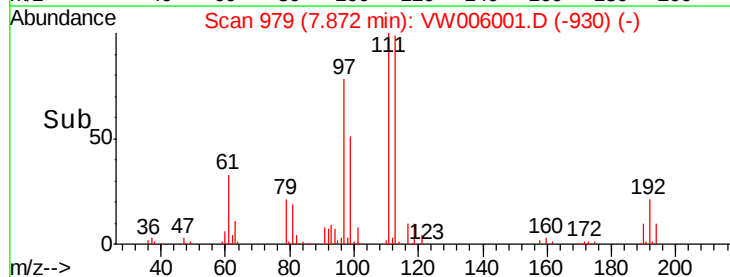
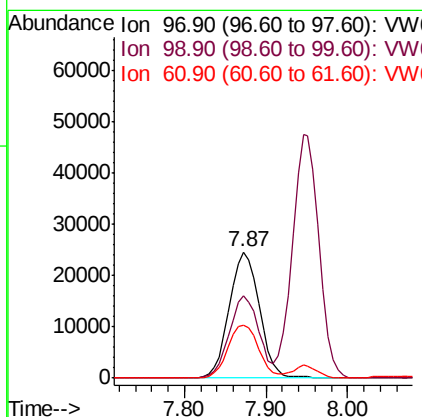
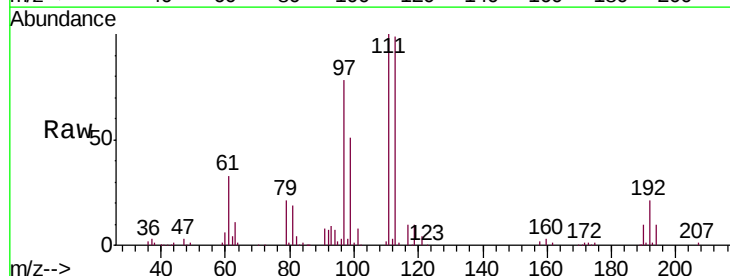
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

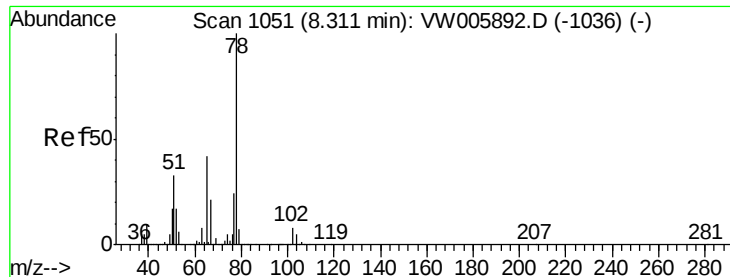
Tgt Ion: 56 Resp: 62273
Ion Ratio Lower Upper
56 100
69 41.5 27.9 41.9
84 89.1 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 18.569 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion: 97 Resp: 62802
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 42.6 34.5 51.7

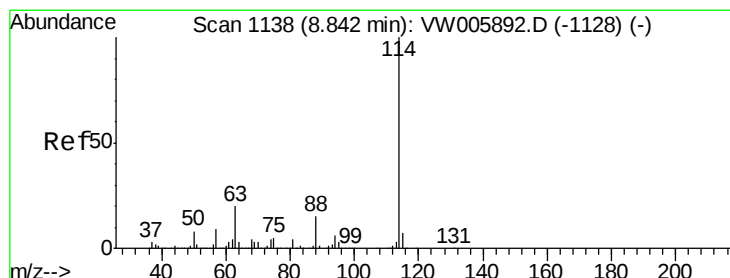
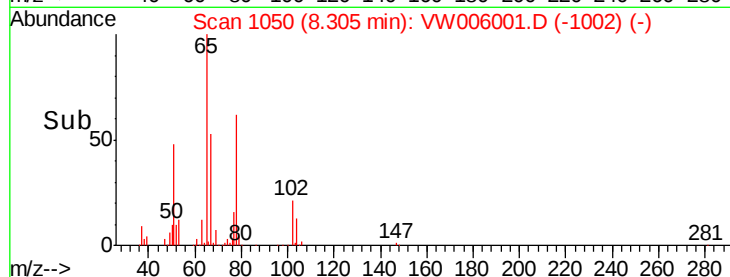
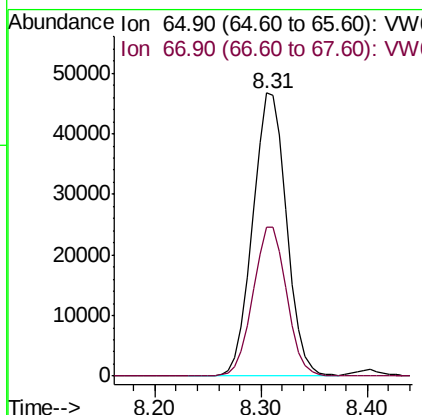
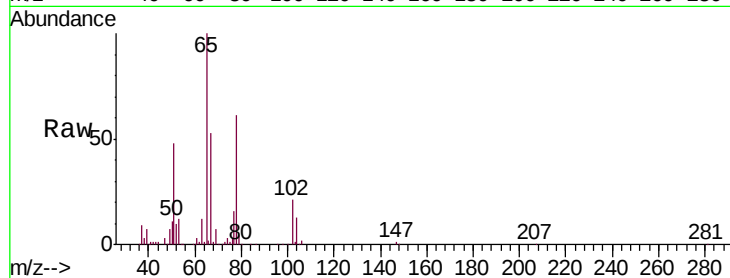




#33
 1,2-Dichloroethane-d4
 Concen: 49.761 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

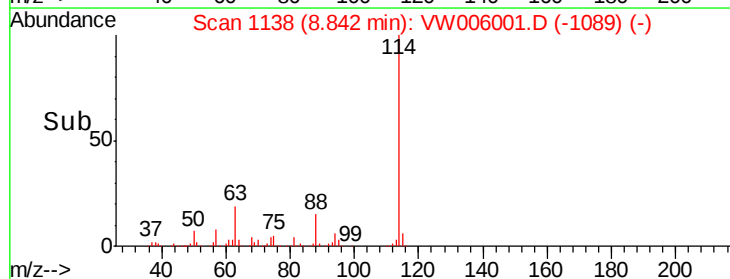
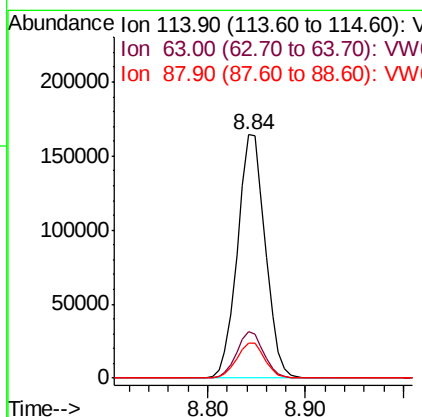
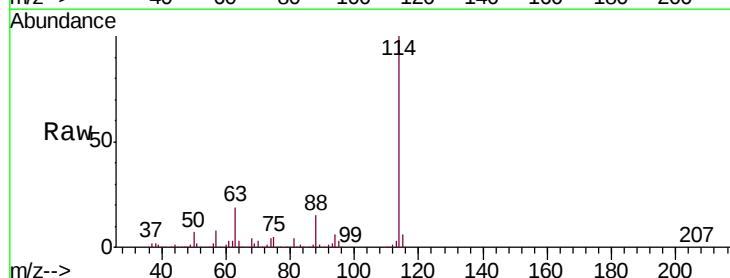
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

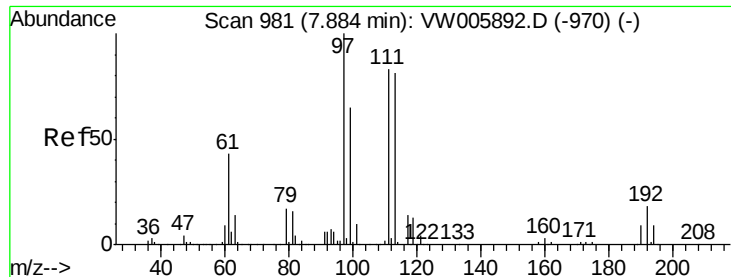
Tgt Ion: 65 Resp: 104003
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion: 114 Resp: 324525
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 14.5 0.0 30.8

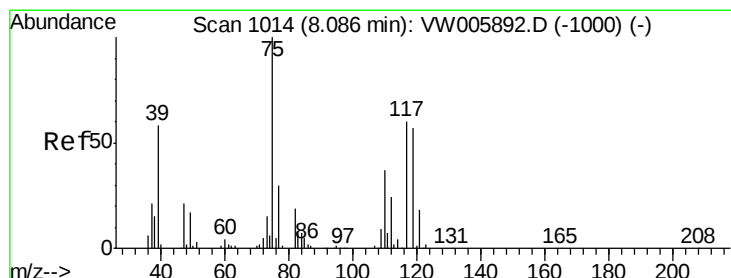
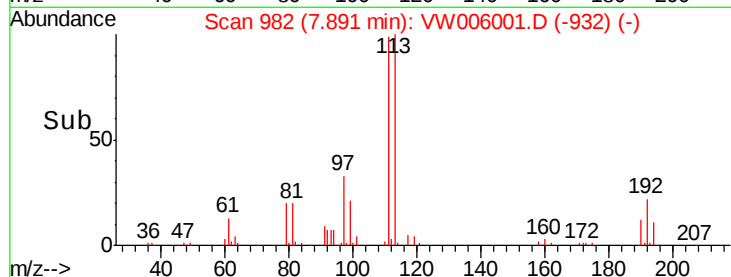
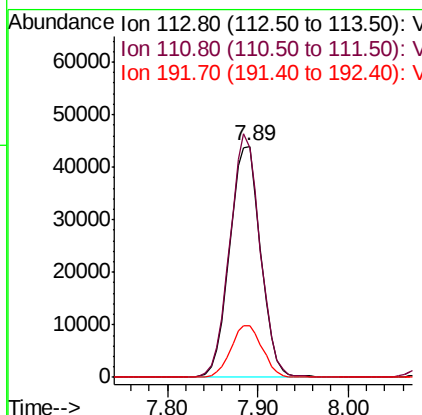
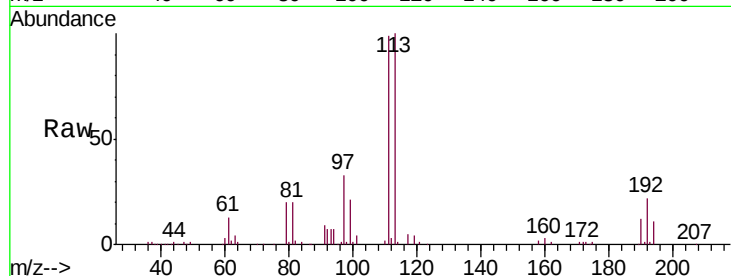




#35
 Dibromofluoromethane
 Concen: 50.414 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

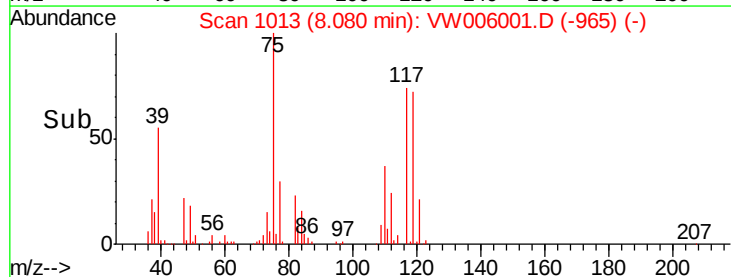
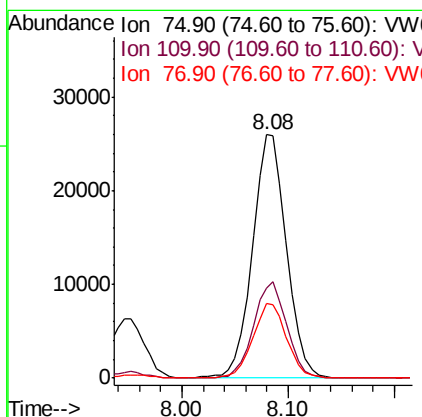
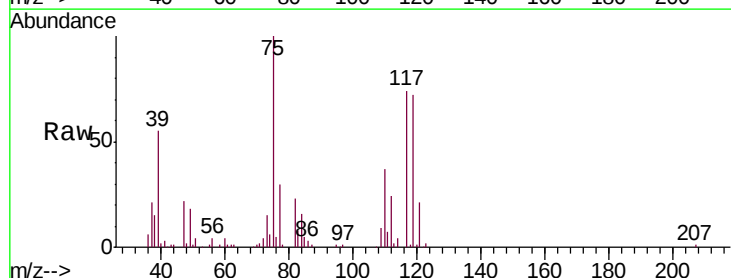
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

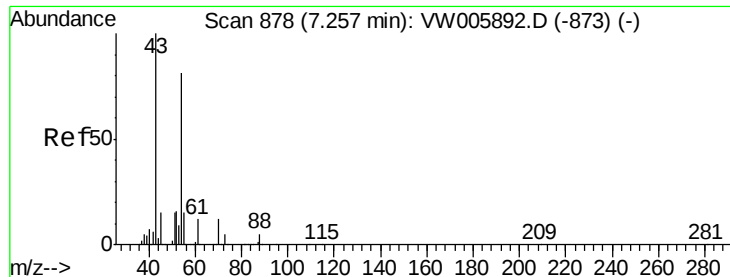
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	22.7	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 18.682 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	18.6	56.0
77	30.7	24.7	37.1

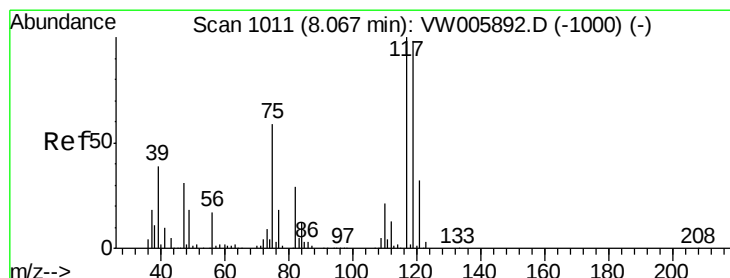
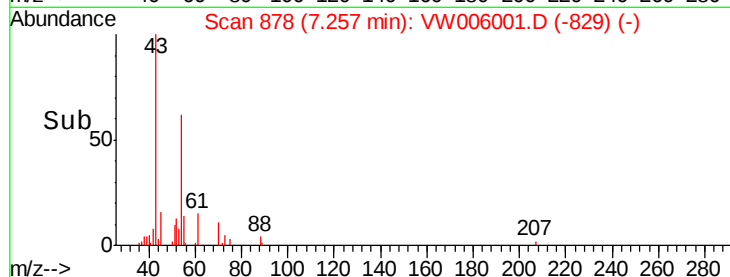
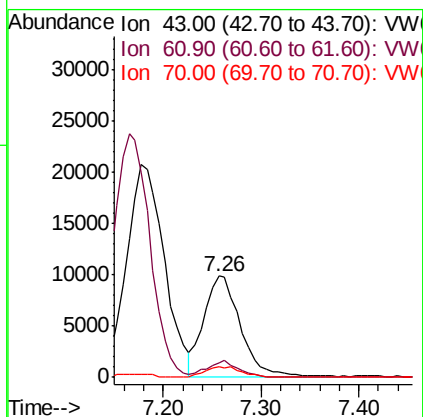
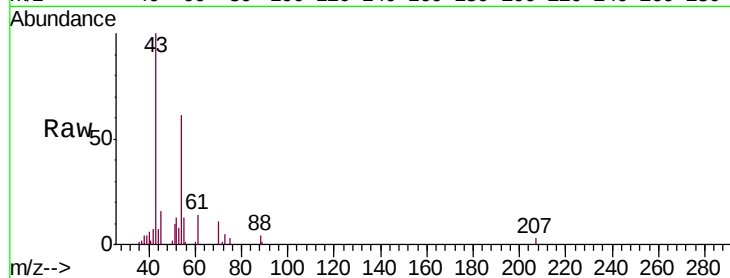




#37
 Ethyl Acetate
 Concen: 19.448 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

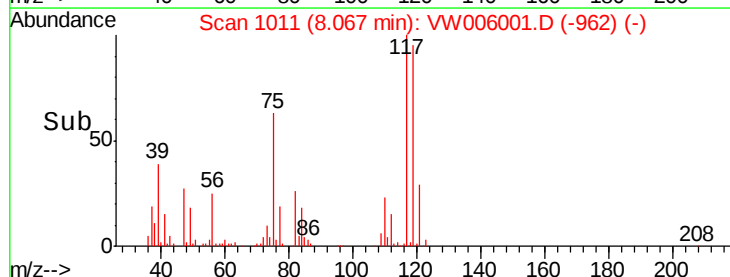
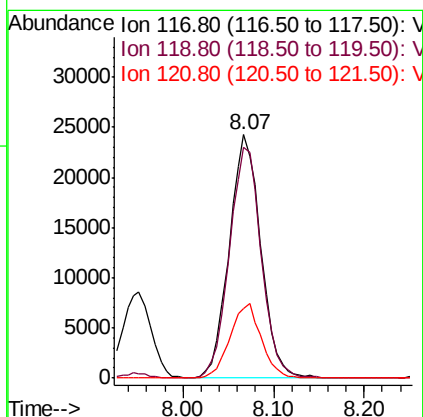
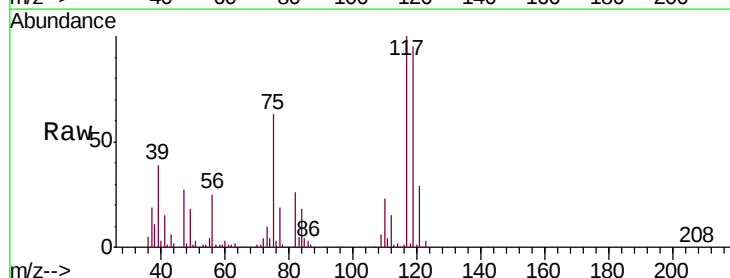
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

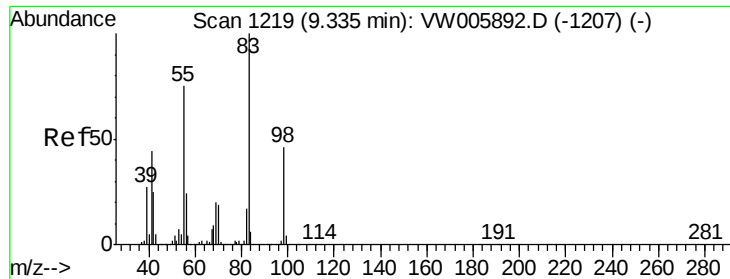
Tgt Ion: 43 Resp: 25610
 Ion Ratio Lower Upper
 43 100
 61 14.1 10.6 16.0
 70 11.0 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 17.681 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion: 117 Resp: 59071
 Ion Ratio Lower Upper
 117 100
 119 94.9 78.6 117.8
 121 28.8 25.3 37.9

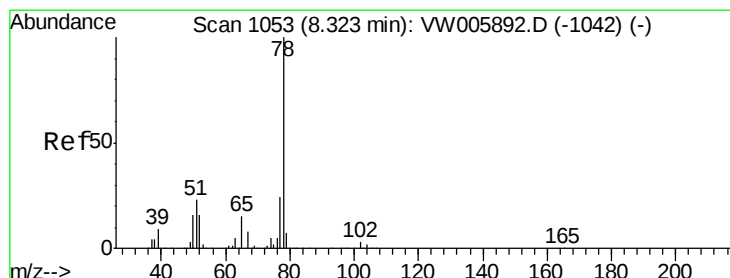
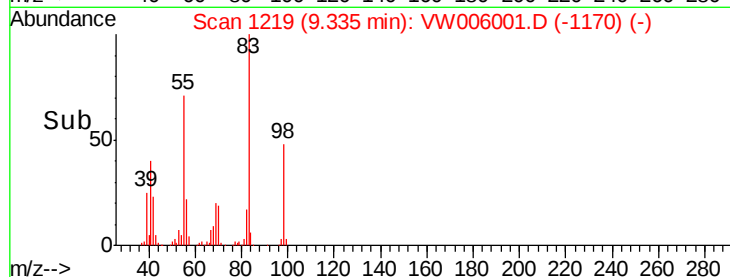
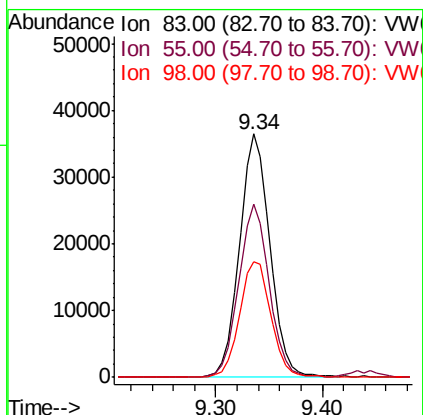
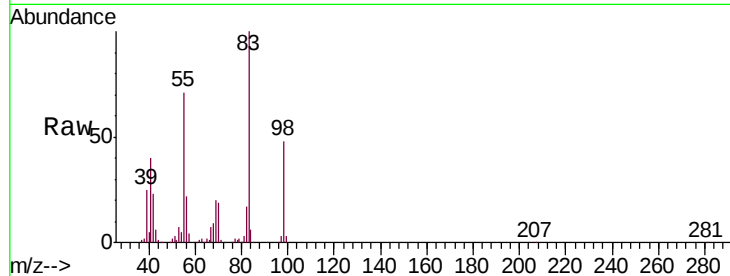




#39
Methylcyclohexane
Concen: 17.858 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

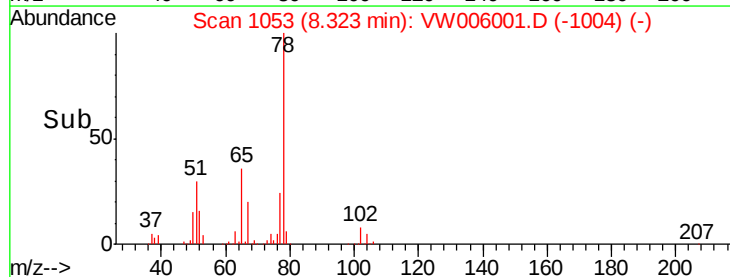
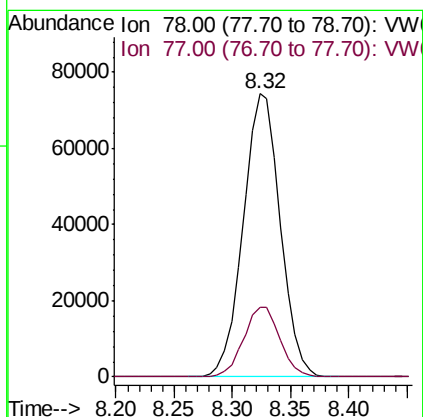
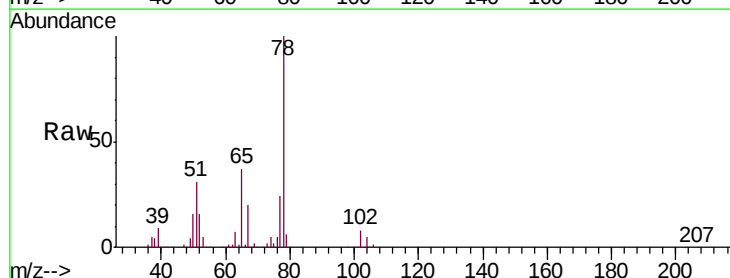
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

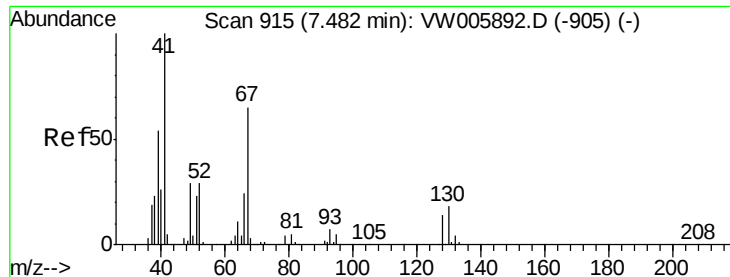
Tgt Ion: 83 Resp: 73243
Ion Ratio Lower Upper
83 100
55 71.1 59.8 89.6
98 47.6 37.1 55.7



#40
Benzene
Concen: 19.371 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion: 78 Resp: 164860
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

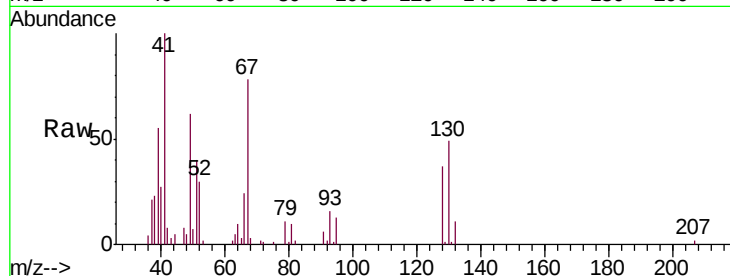




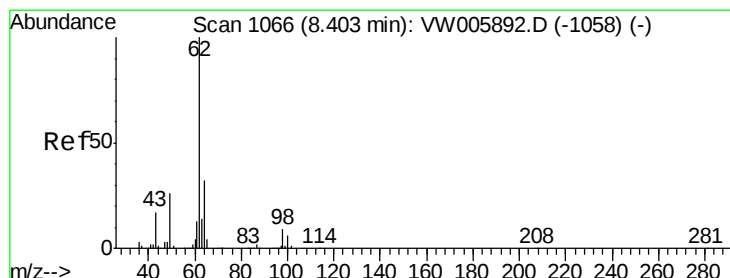
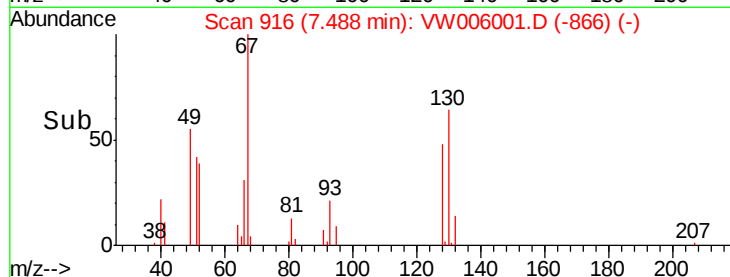
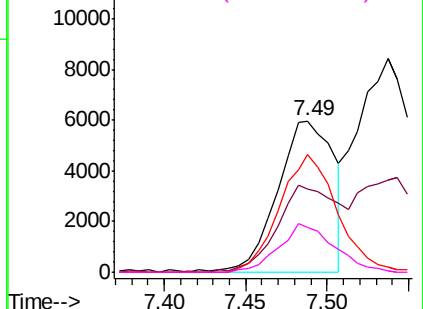
#41
Methacrylonitrile
Concen: 17.295 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

Tgt Ion:	41	Resp:	14258
Ion	Ratio	Lower	Upper
41	100		
39	64.3	45.0	67.4
67	79.5	55.8	83.8
52	31.7	25.3	37.9

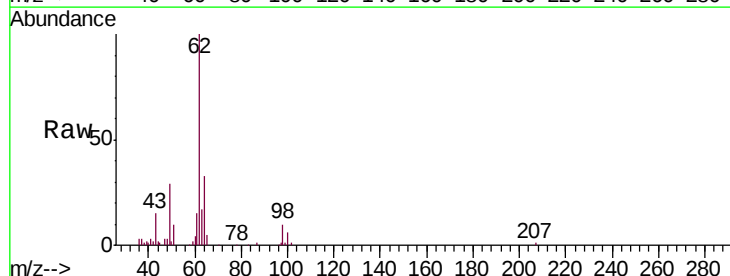


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

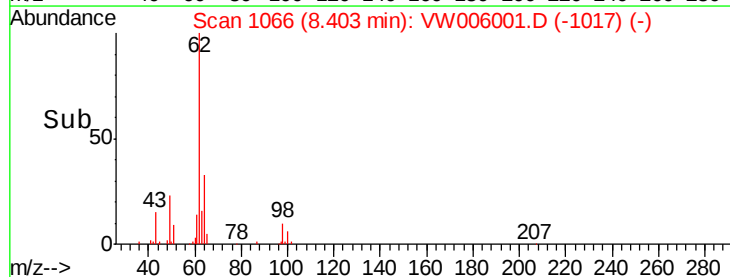
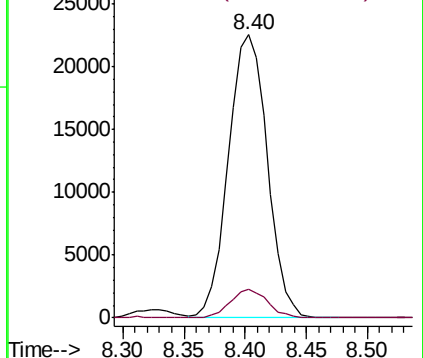


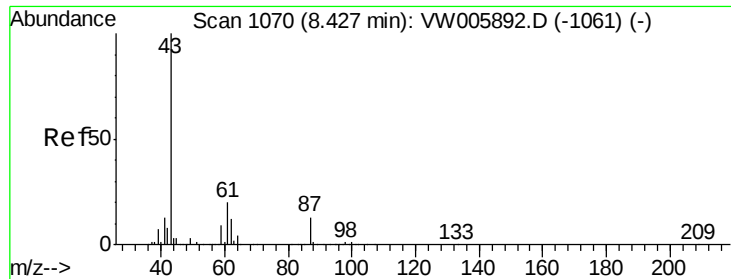
#42
1,2-Dichloroethane
Concen: 19.357 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion:	62	Resp:	49772
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 18.294 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBS01

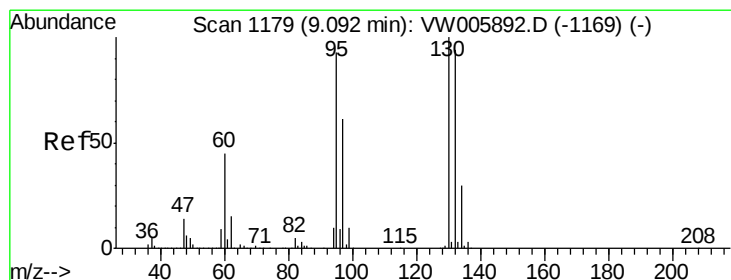
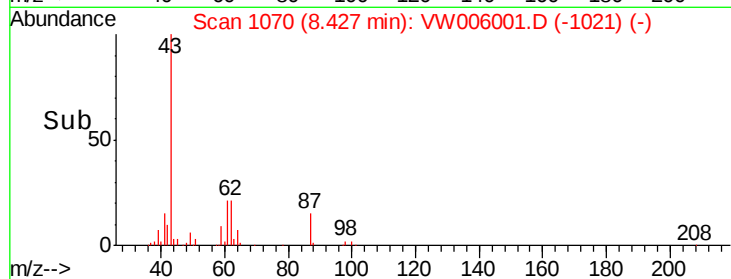
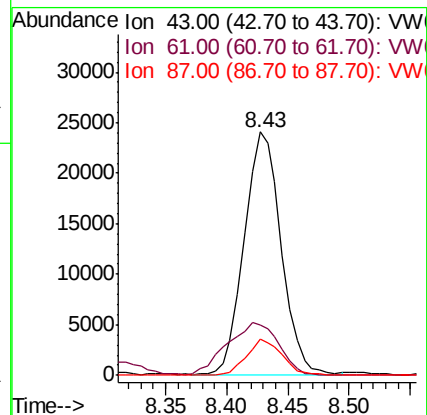
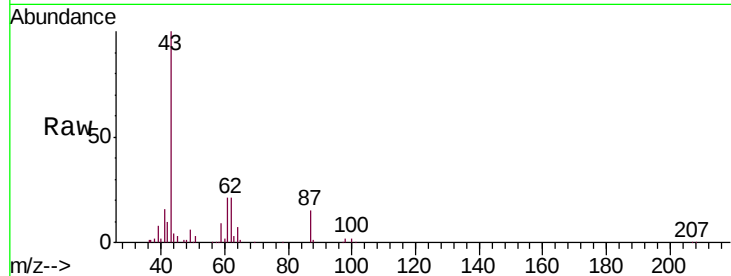
Tgt Ion: 43 Resp: 50321

Ion Ratio Lower Upper

43 100

61 30.5 23.1 34.7

87 14.4 10.7 16.1



#44

Trichloroethene

Concen: 20.023 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006001.D

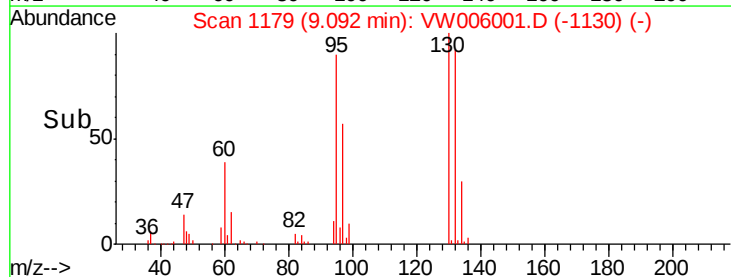
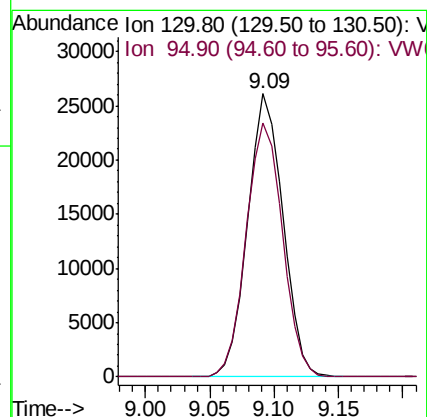
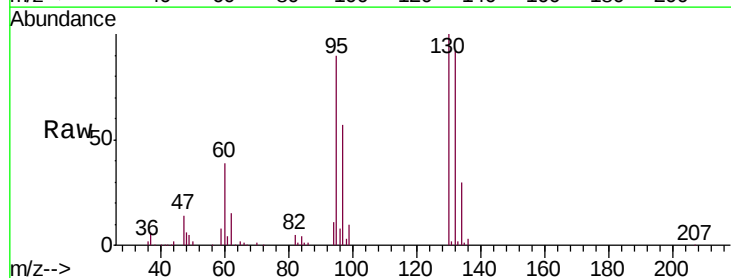
Acq: 10 Oct 2018 22:32

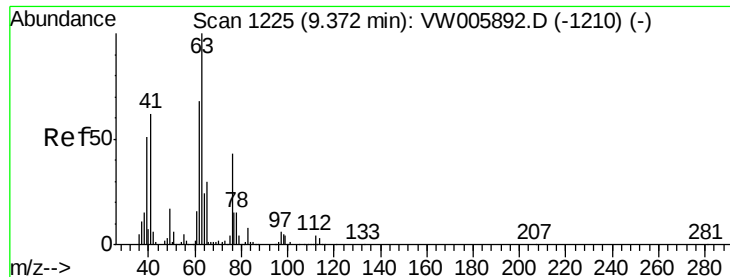
Tgt Ion: 130 Resp: 49444

Ion Ratio Lower Upper

130 100

95 89.5 0.0 185.6

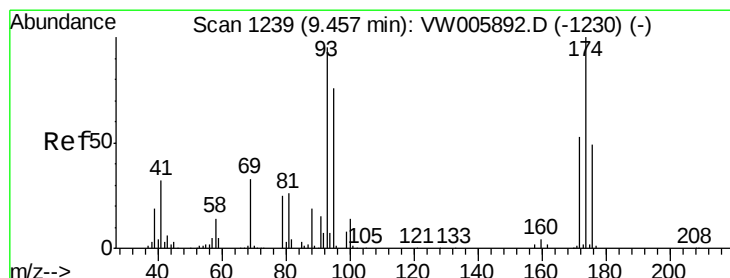
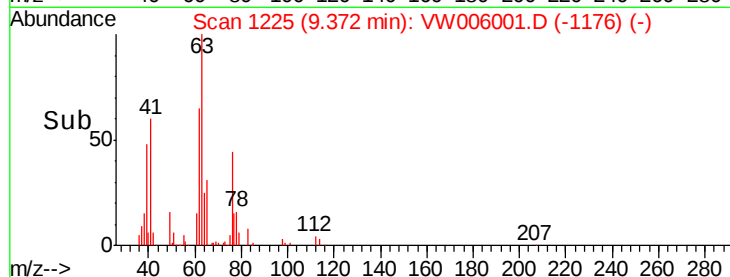
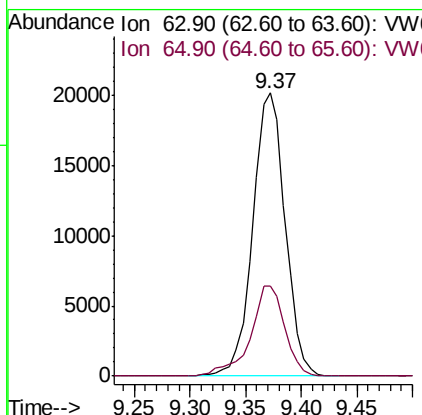
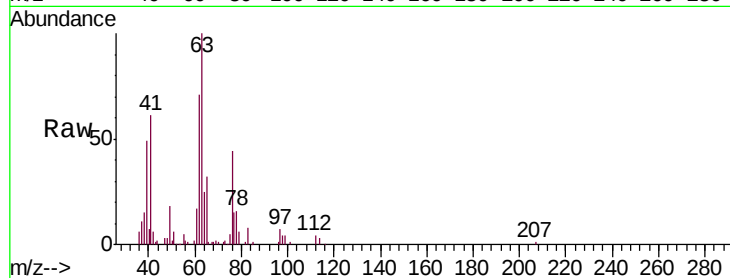




#45
 1,2-Dichloropropane
 Concen: 19.119 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

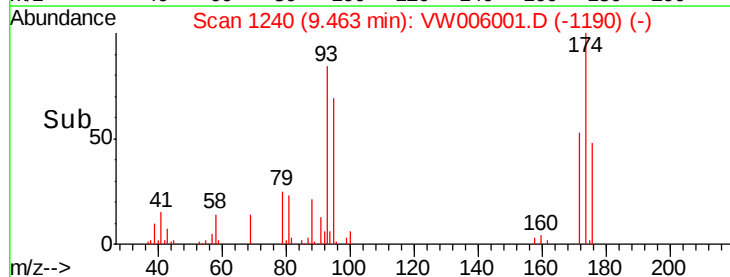
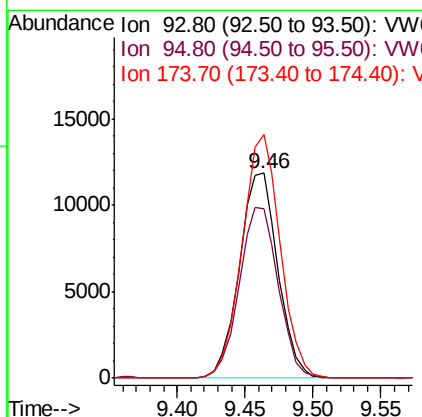
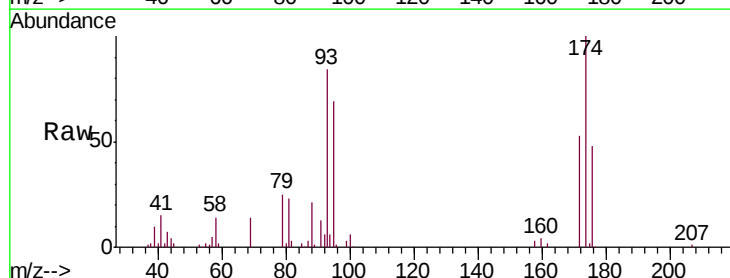
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

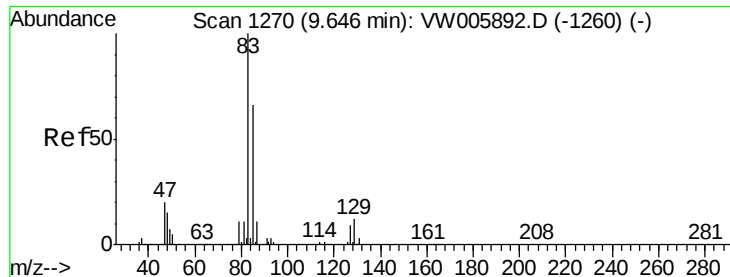
Tgt Ion: 63 Resp: 40730
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.3 36.5



#46
 Dibromomethane
 Concen: 20.010 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion: 93 Resp: 23429
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.6 99.8
 174 118.1 90.4 135.6





#47

Bromodichloromethane

Concen: 18.469 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBS01

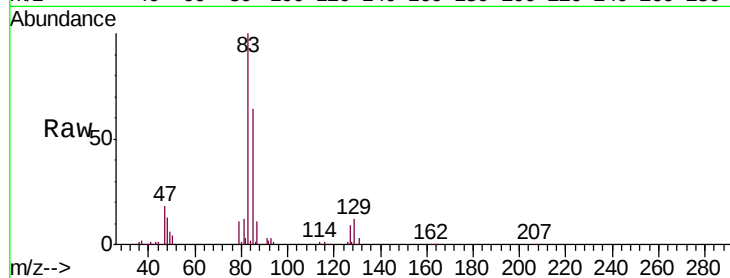
Tgt Ion: 83 Resp: 54416

Ion Ratio Lower Upper

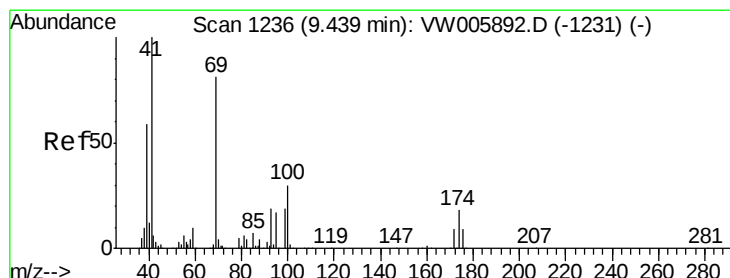
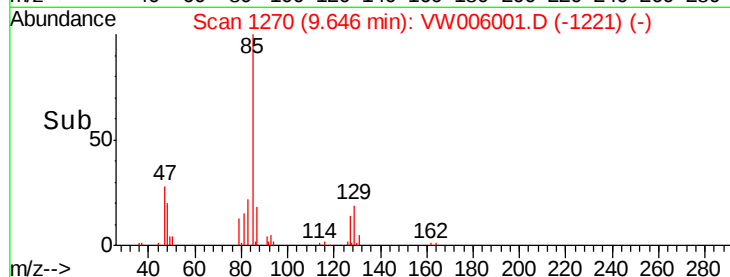
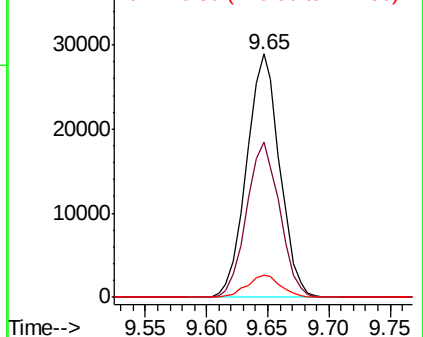
83 100

85 63.9 53.0 79.6

127 8.9 7.4 11.0



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



#48

Methyl methacrylate

Concen: 18.042 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

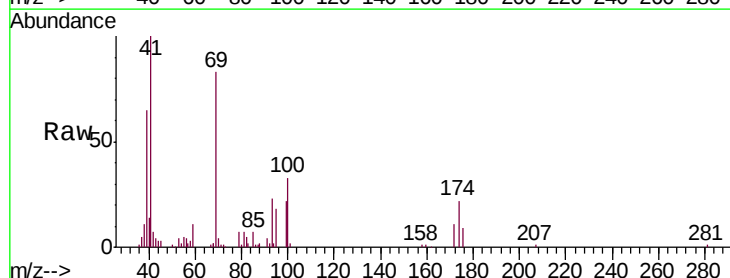
Tgt Ion: 41 Resp: 23642

Ion Ratio Lower Upper

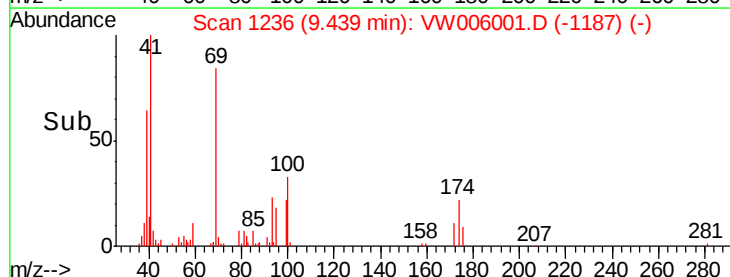
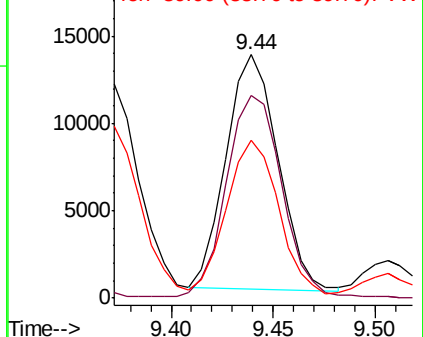
41 100

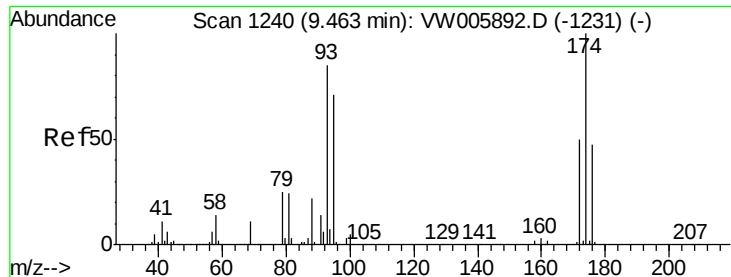
69 94.0 68.7 103.1

39 69.5 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

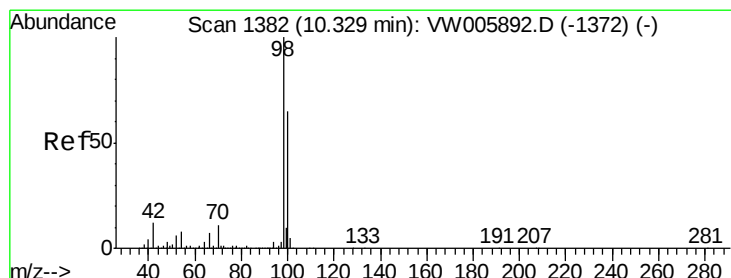
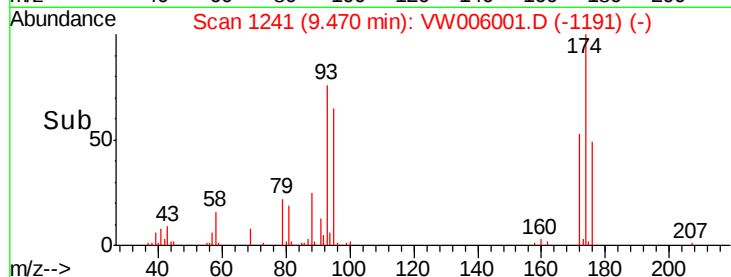
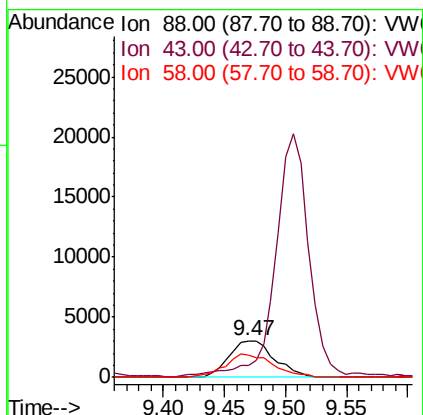
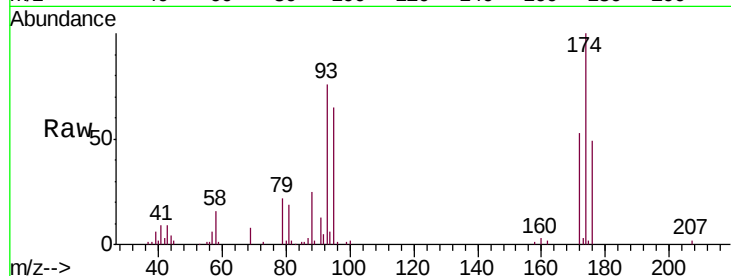




#49
1,4-Dioxane
Concen: 441.670 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

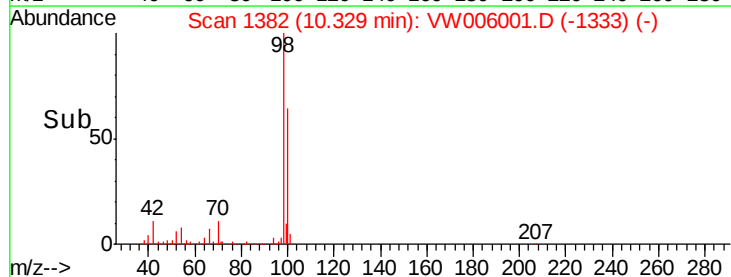
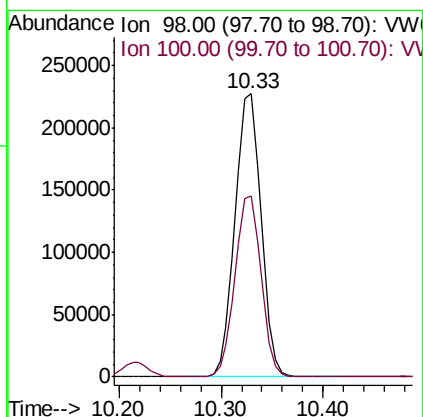
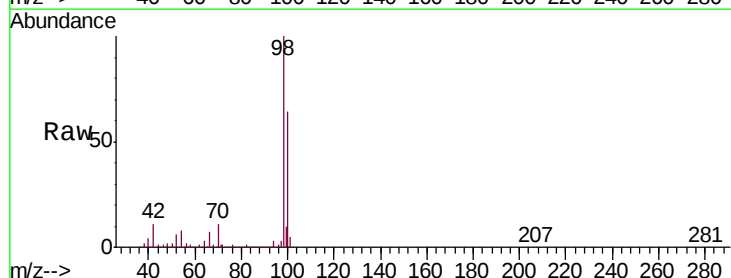
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

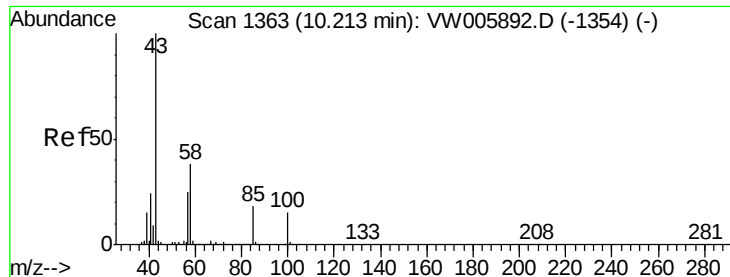
Tgt Ion: 88 Resp: 7855
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.6 57.7 86.5



#50
Toluene-d8
Concen: 50.397 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion: 98 Resp: 401749
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

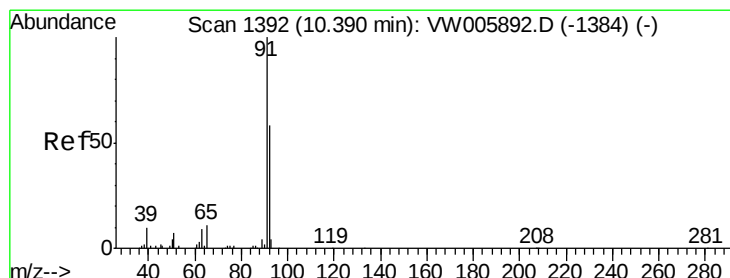
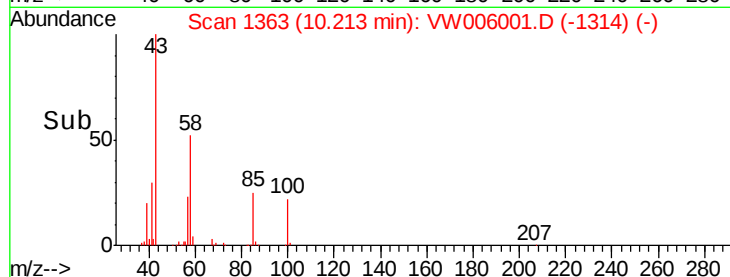
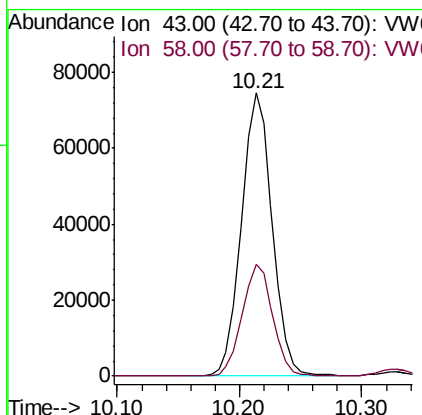
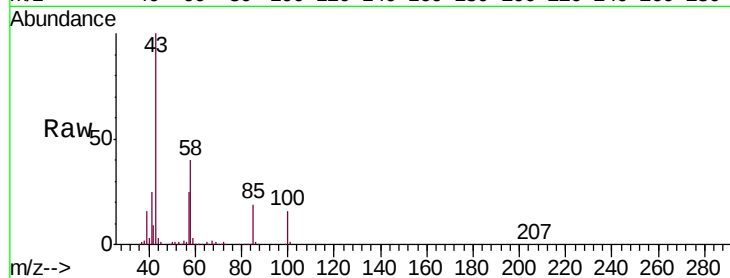




#51
 4-Methyl-2-Pentanone
 Concen: 96.619 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

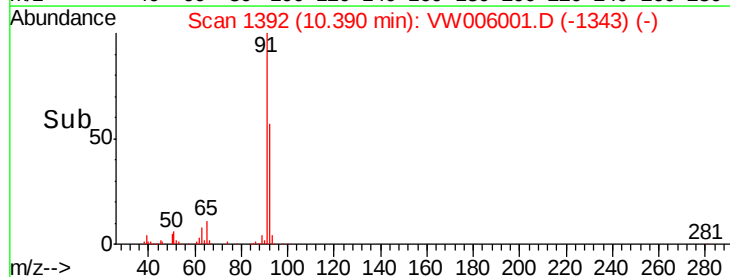
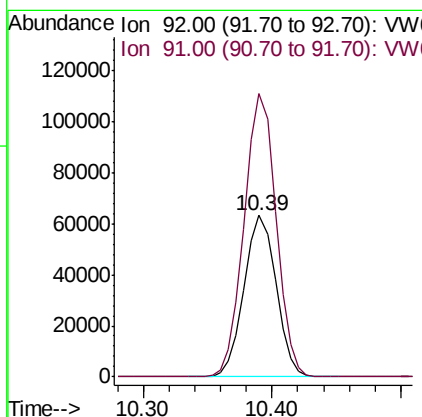
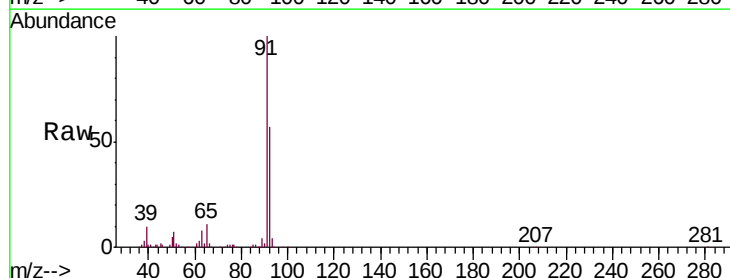
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

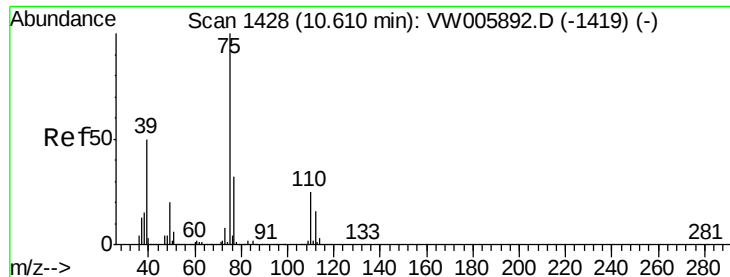
Tgt Ion: 43 Resp: 129422
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.2 45.4



#52
 Toluene
 Concen: 19.465 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion: 92 Resp: 108834
 Ion Ratio Lower Upper
 92 100
 91 175.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 16.808 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

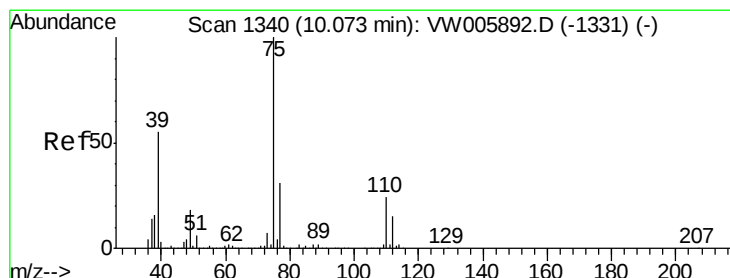
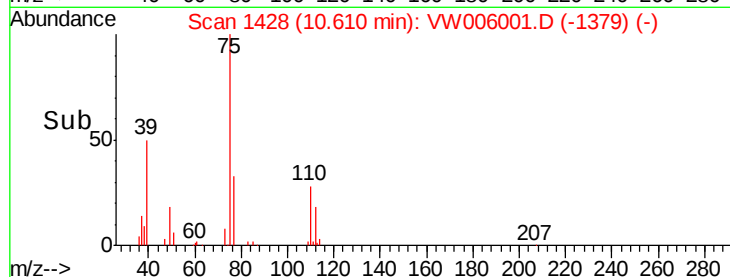
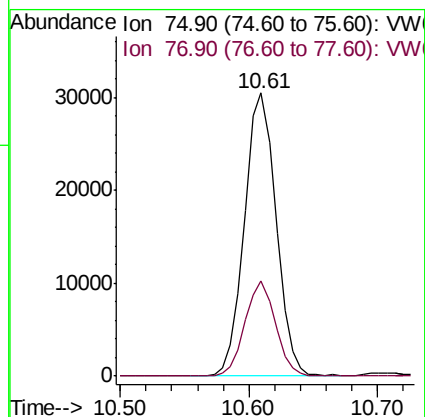
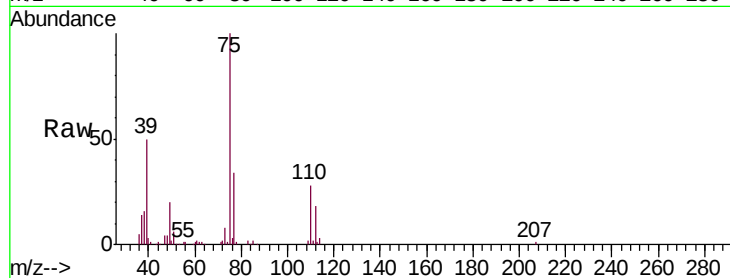
VW1011SBS01

Tgt Ion: 75 Resp: 51754

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.645 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

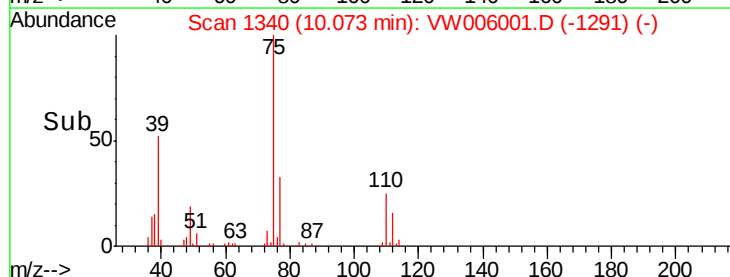
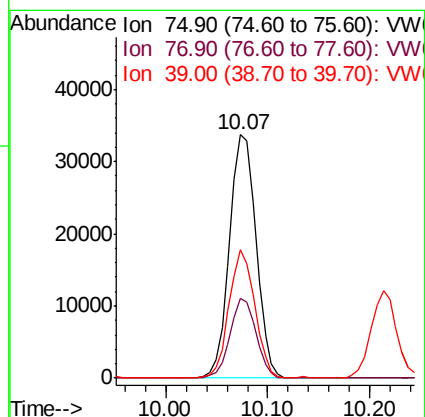
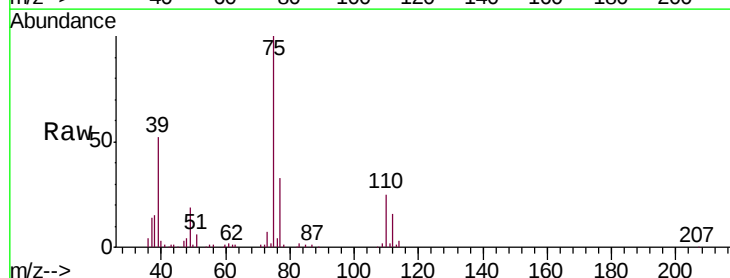
Tgt Ion: 75 Resp: 61071

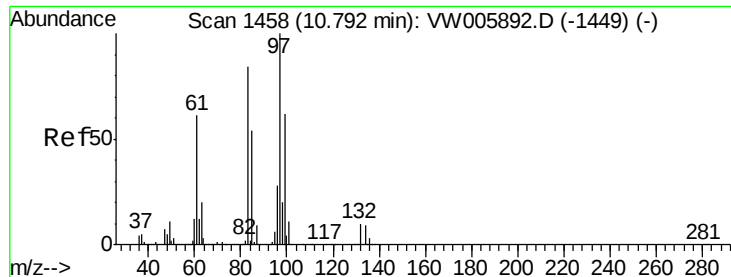
Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0

39 52.2 44.2 66.4

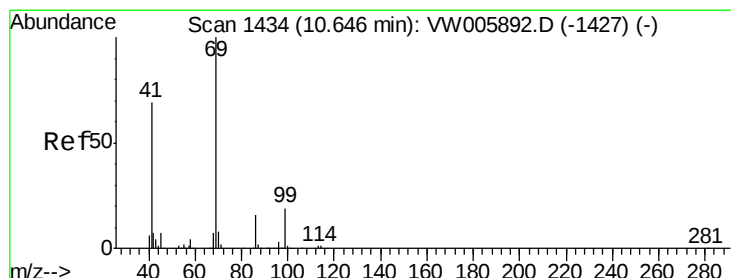
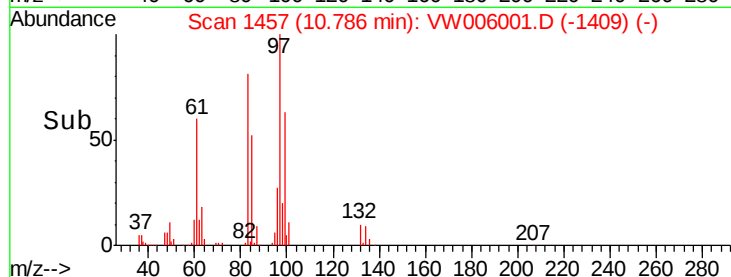
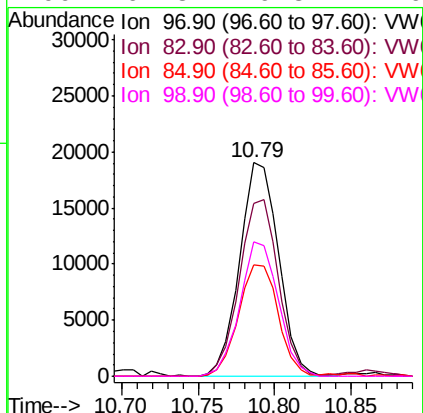
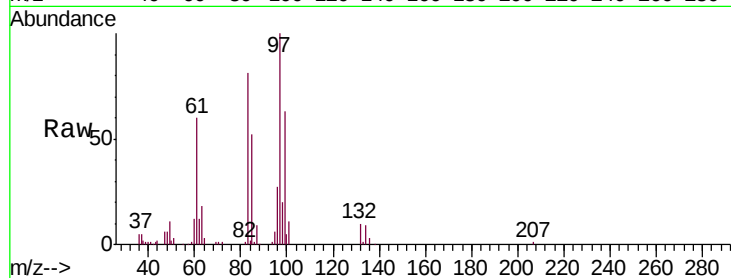




#55
 1,1,2-Trichloroethane
 Concen: 20.854 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

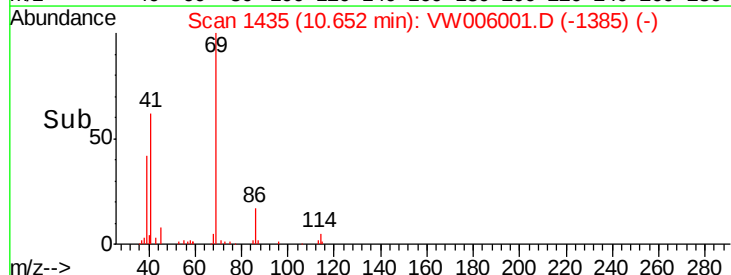
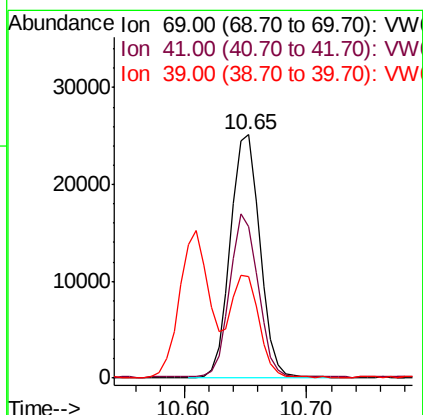
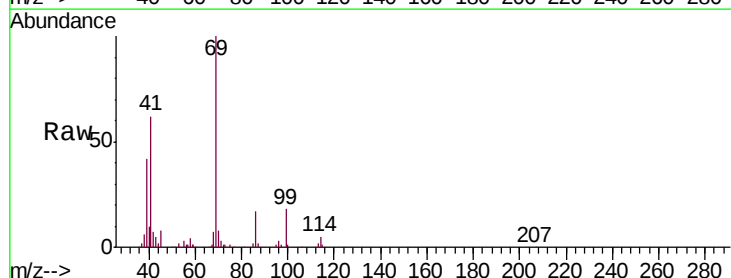
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

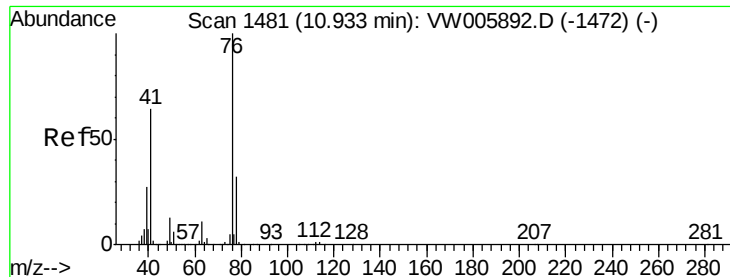
Tgt Ion:	97	Resp:	33819
Ion	Ratio	Lower	Upper
97	100		
83	80.9	66.9	100.3
85	52.0	43.4	65.0
99	62.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.300 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion:	69	Resp:	42186
Ion	Ratio	Lower	Upper
69	100		
41	63.6	56.0	84.0
39	41.5	33.5	50.3

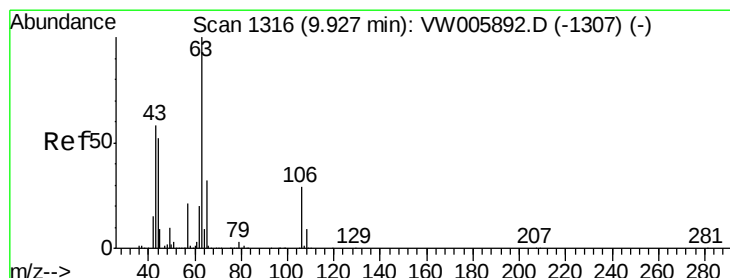
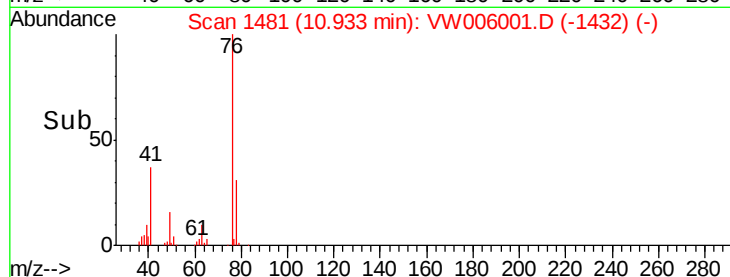
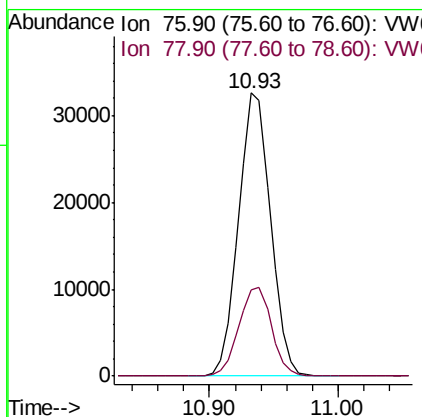
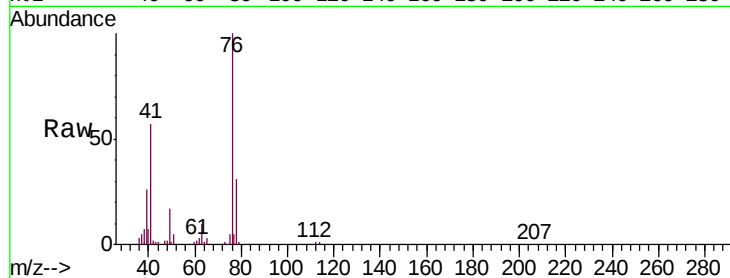




#57
 1,3-Dichloropropane
 Concen: 20.618 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

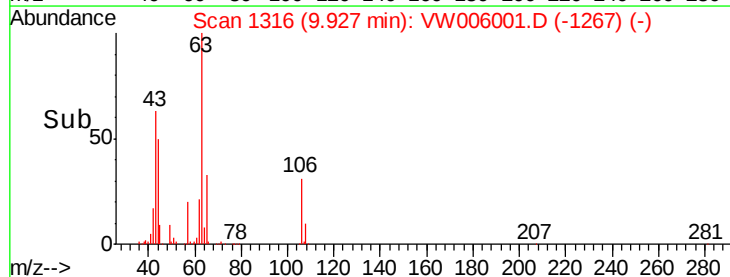
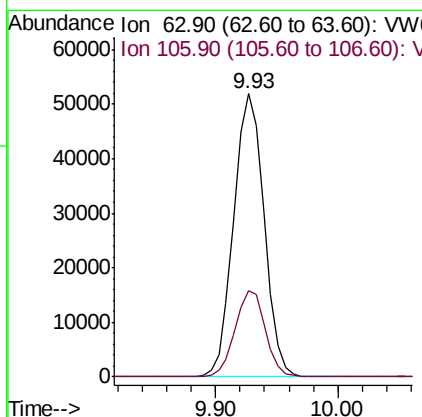
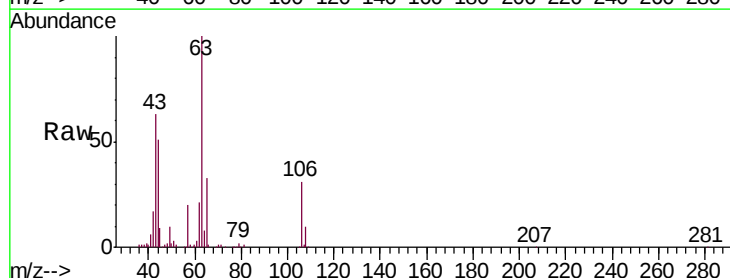
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

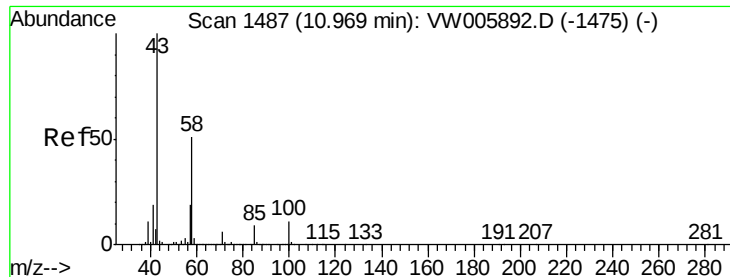
Tgt Ion: 76 Resp: 56250
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.150 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion: 63 Resp: 89071
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.6 35.4





#59

2-Hexanone

Concen: 92.149 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

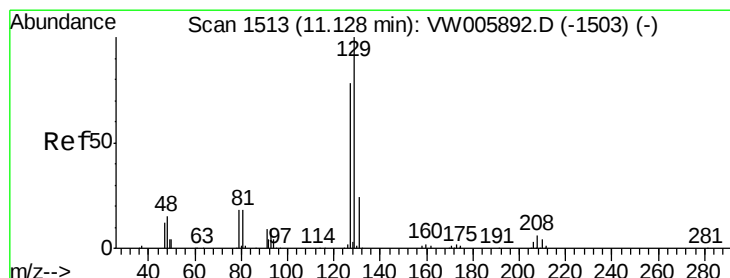
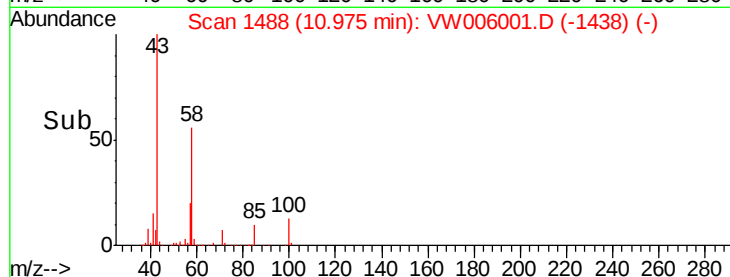
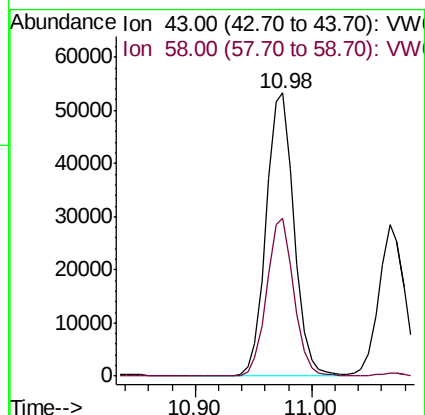
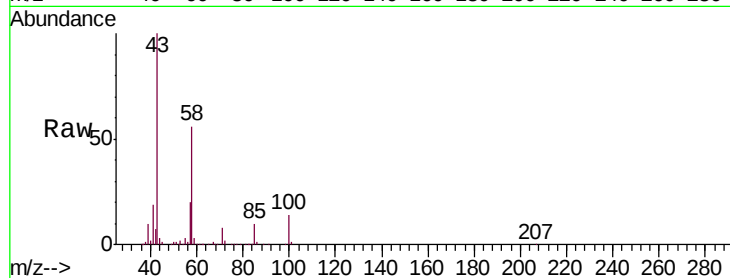
VW1011SBS01

Tgt Ion: 43 Resp: 88504

Ion Ratio Lower Upper

43 100

58 54.7 25.7 77.1



#60

Dibromochloromethane

Concen: 18.463 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW006001.D

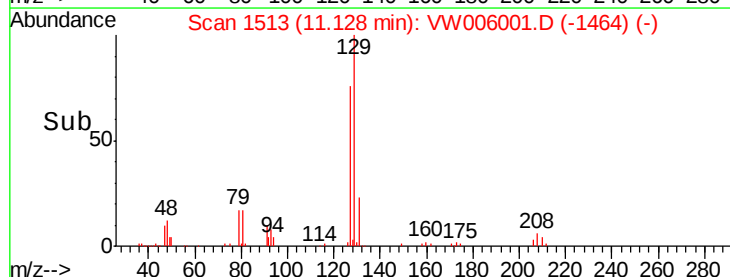
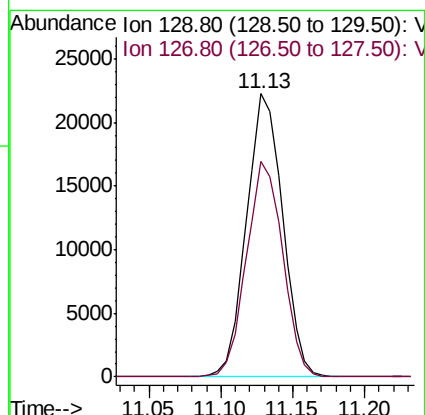
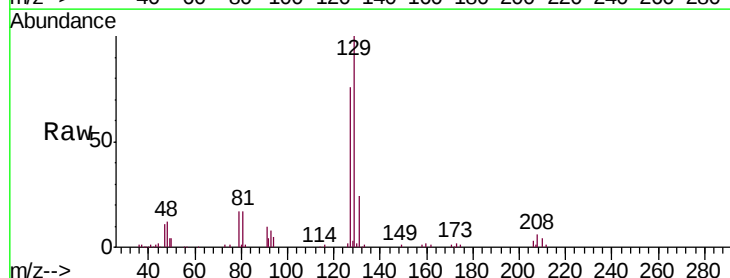
Acq: 10 Oct 2018 22:32

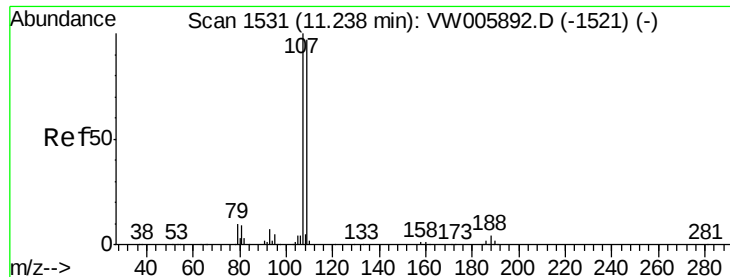
Tgt Ion: 129 Resp: 38639

Ion Ratio Lower Upper

129 100

127 76.3 38.5 115.5

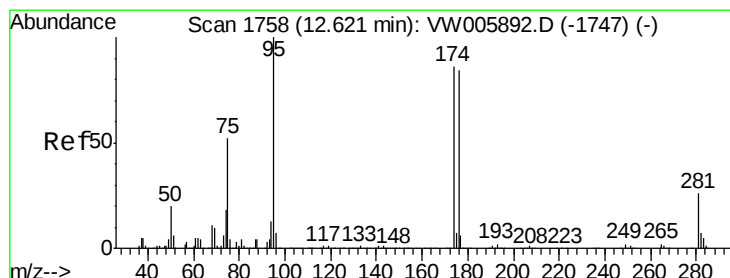
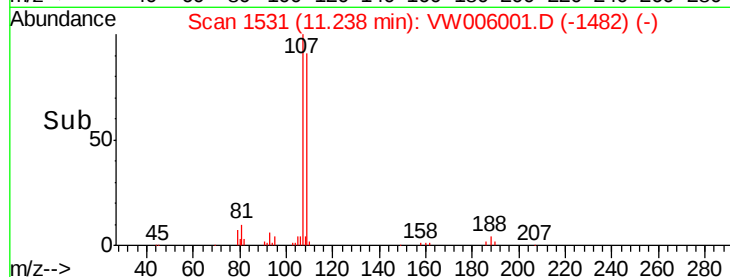
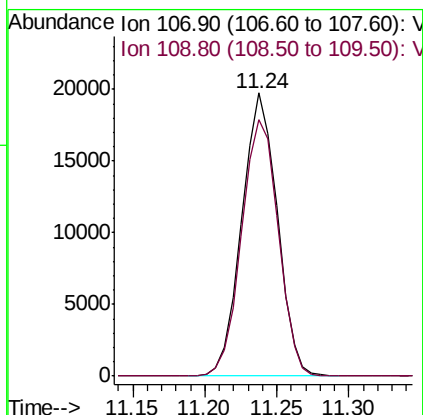
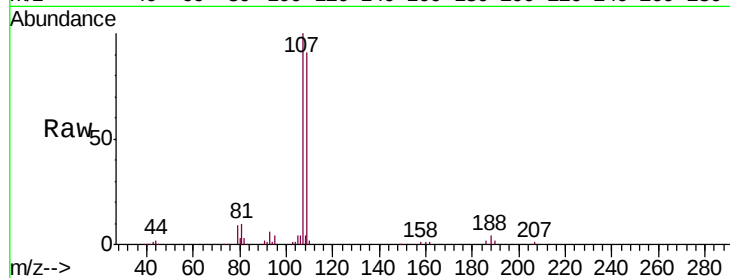




#61
 1,2-Dibromoethane
 Concen: 20.785 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

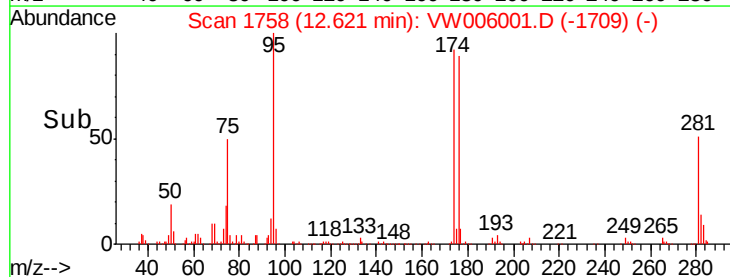
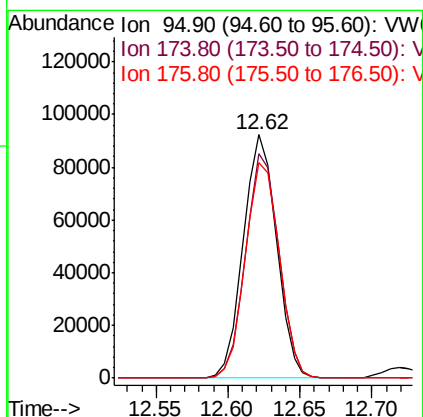
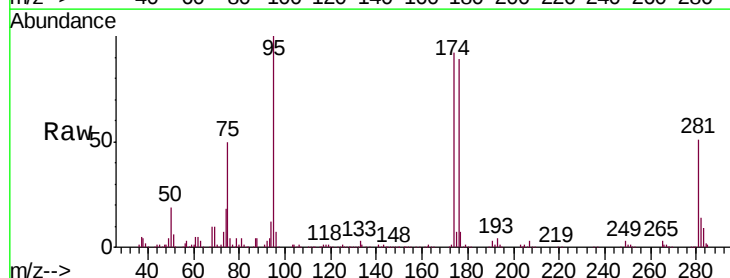
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

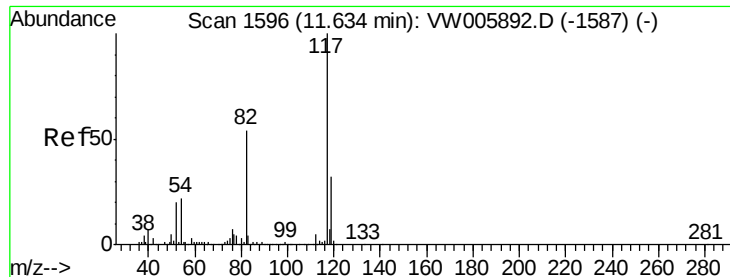
Tgt Ion: 107 Resp: 33683
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.633 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion: 95 Resp: 147502
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 176.4
 176 90.5 0.0 173.0

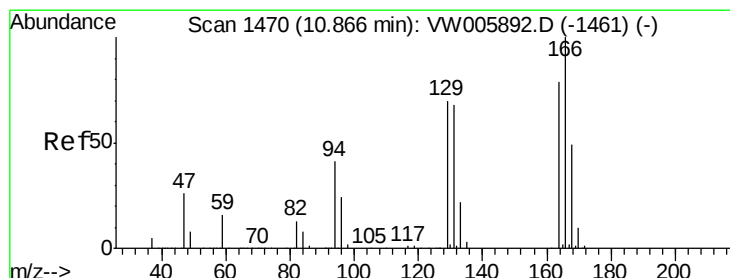
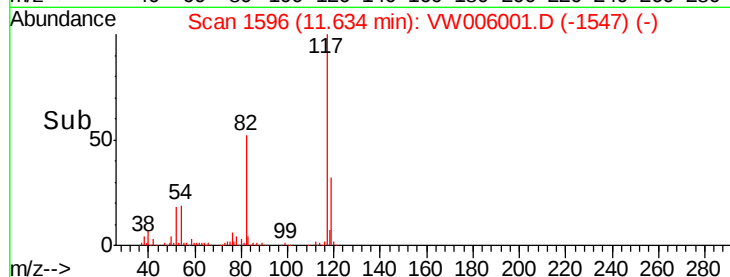
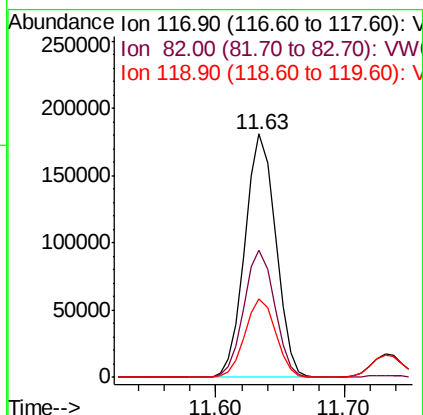
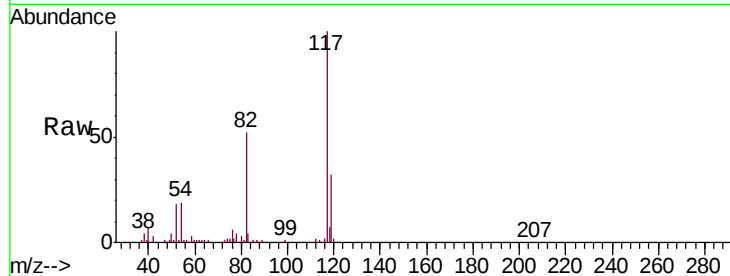




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

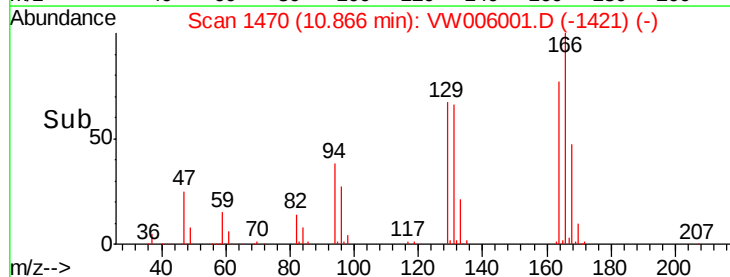
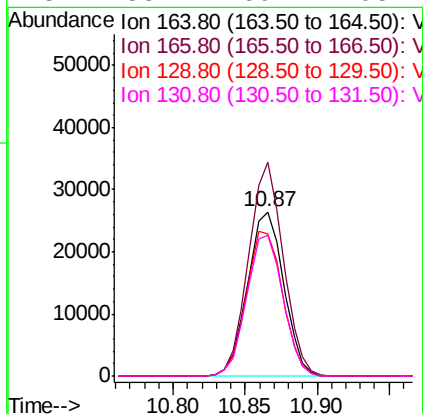
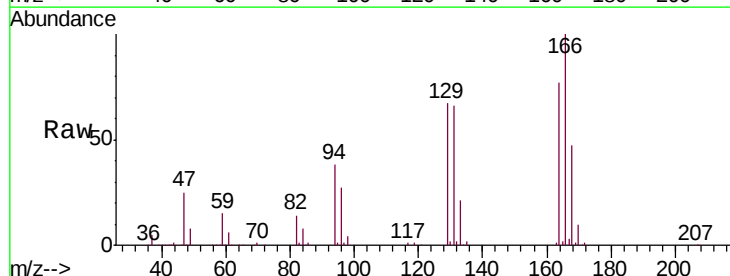
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

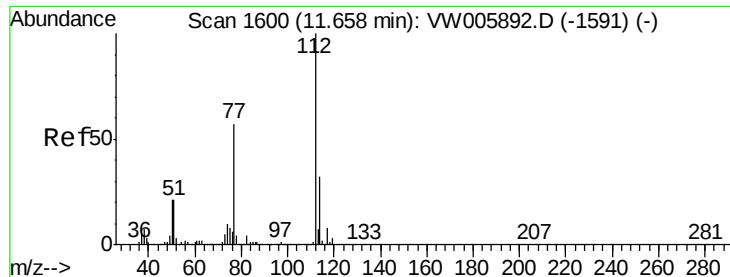
Tgt Ion:117 Resp: 299713
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 20.535 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion:164 Resp: 45845
Ion Ratio Lower Upper
164 100
166 130.3 101.5 152.3
129 86.7 71.1 106.7
131 85.7 69.1 103.7

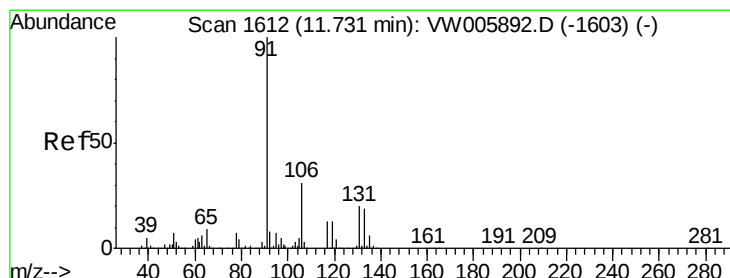
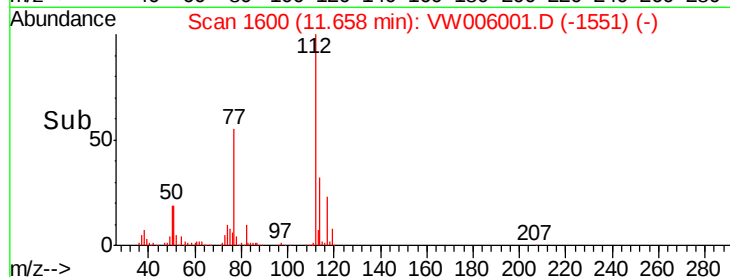
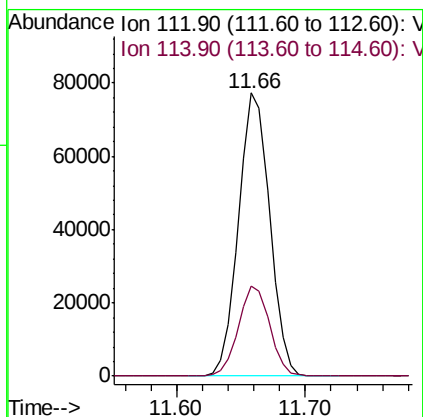
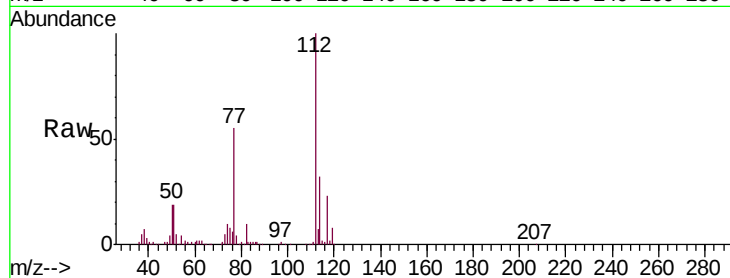




#65
Chlorobenzene
Concen: 20.161 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

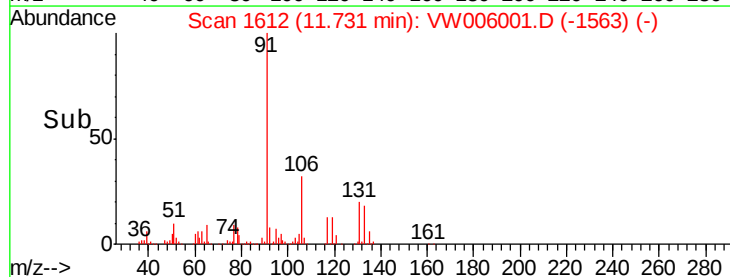
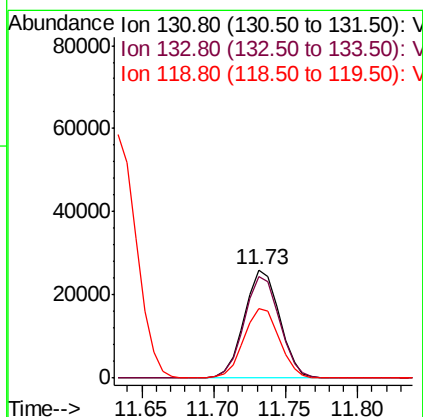
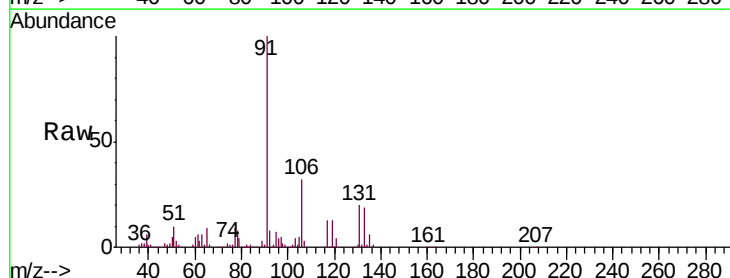
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

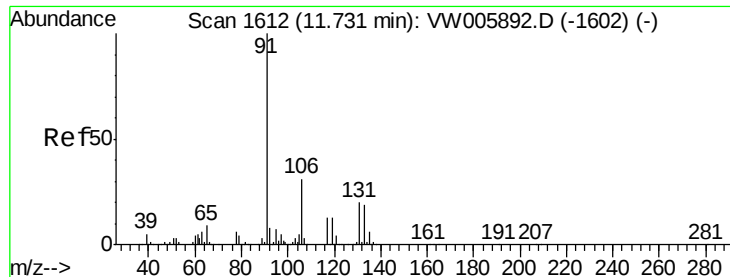
Tgt Ion:112 Resp: 129434
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.799 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion:131 Resp: 44238
Ion Ratio Lower Upper
131 100
133 94.6 48.2 144.6
119 64.5 32.5 97.5

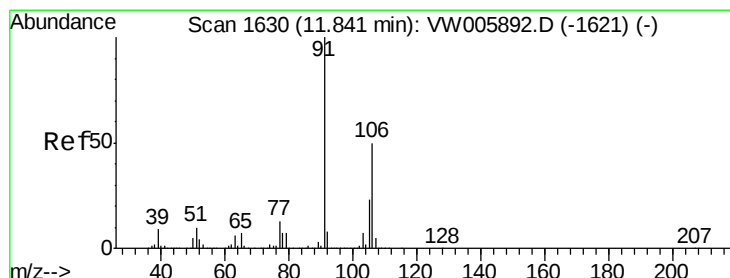
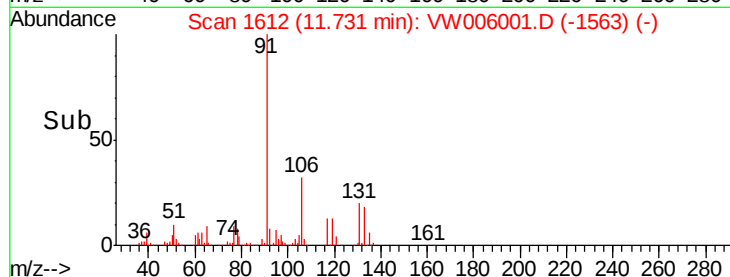
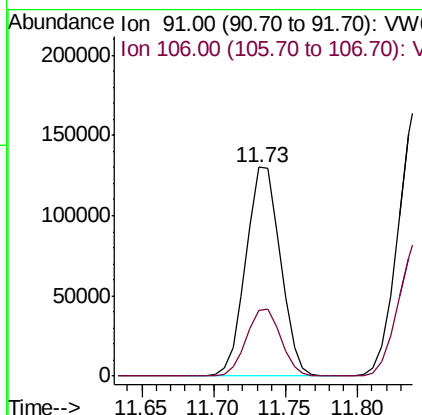
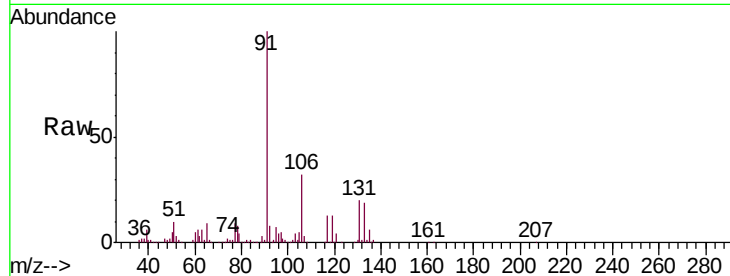




#67
Ethyl Benzene
Concen: 19.054 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

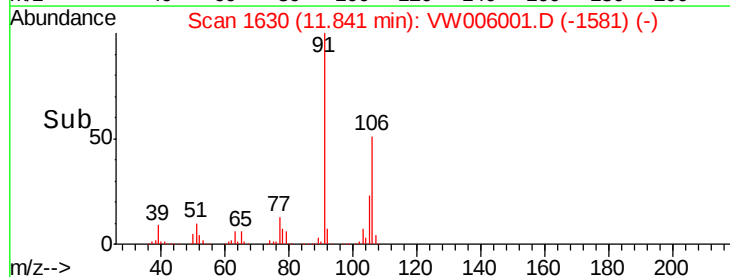
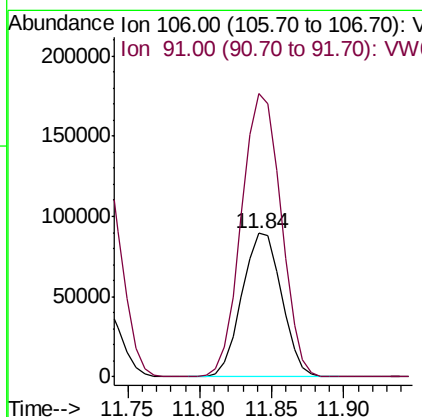
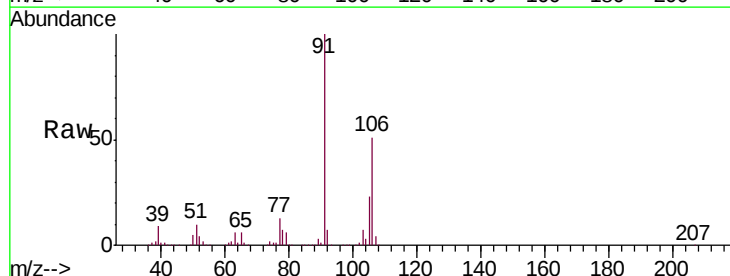
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

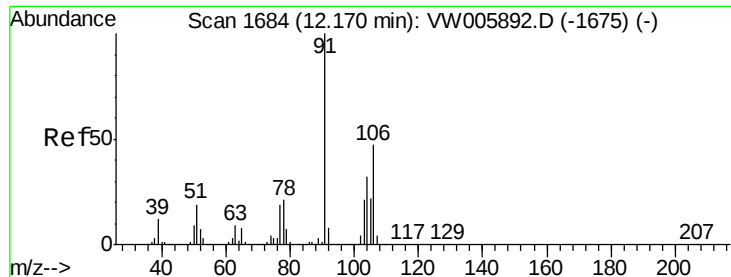
Tgt Ion: 91 Resp: 216068
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6



#68
m/p-Xylenes
Concen: 38.472 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion: 106 Resp: 170486
Ion Ratio Lower Upper
106 100
91 197.6 160.2 240.2

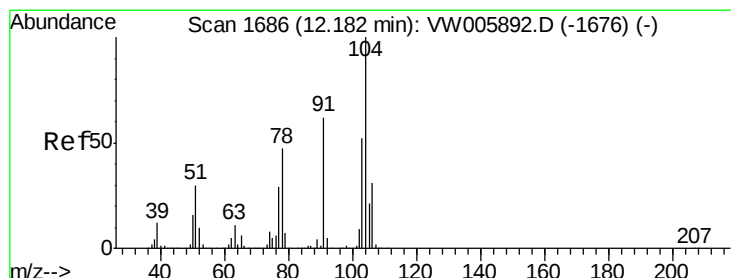
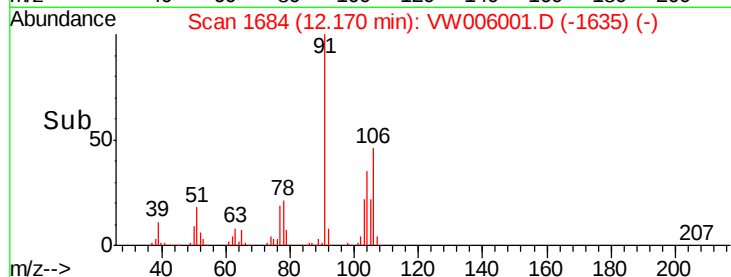
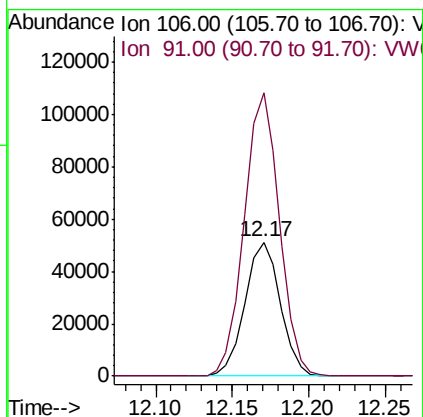
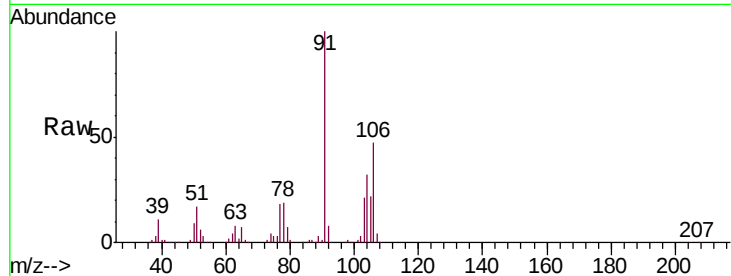




#69
o-Xylene
Concen: 19.414 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

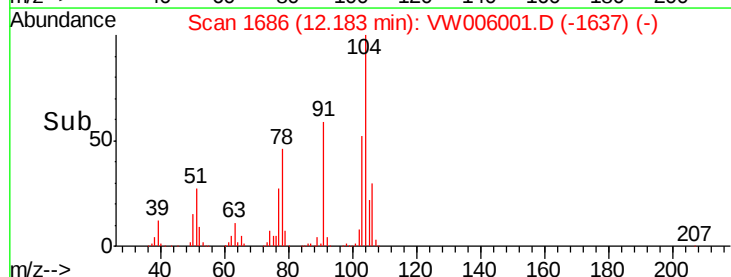
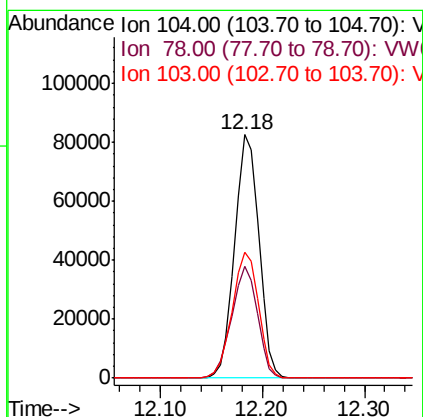
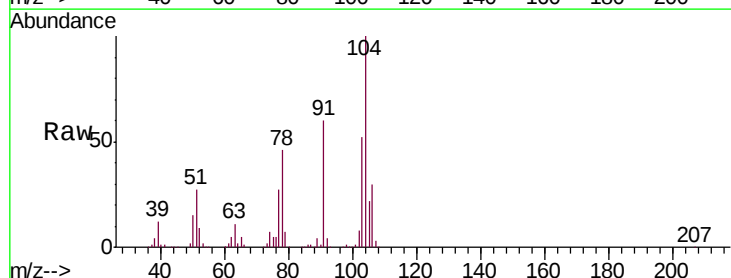
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

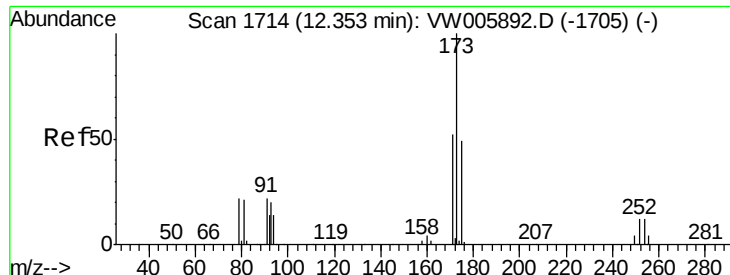
Tgt Ion:106 Resp: 82365
Ion Ratio Lower Upper
106 100
91 209.6 106.2 318.5



#70
Styrene
Concen: 19.267 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion:104 Resp: 135623
Ion Ratio Lower Upper
104 100
78 48.8 40.4 60.6
103 56.0 44.2 66.2





#71

Bromoform

Concen: 17.390 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBS01

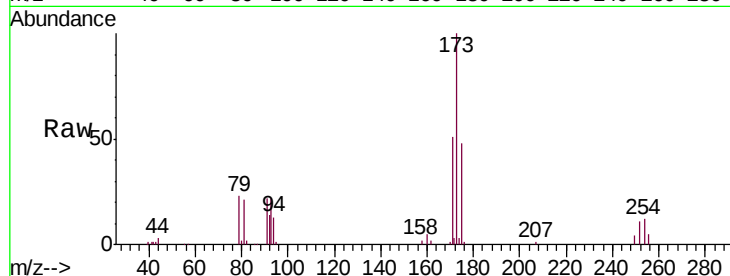
Tgt Ion:173 Resp: 24376

Ion Ratio Lower Upper

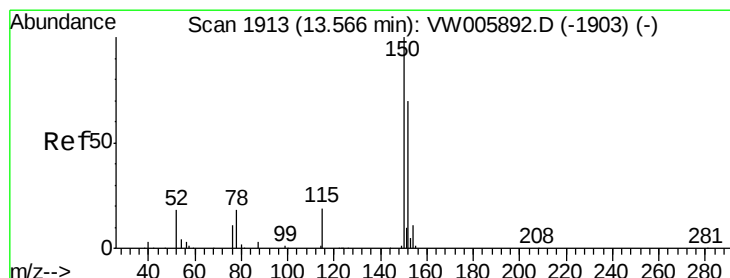
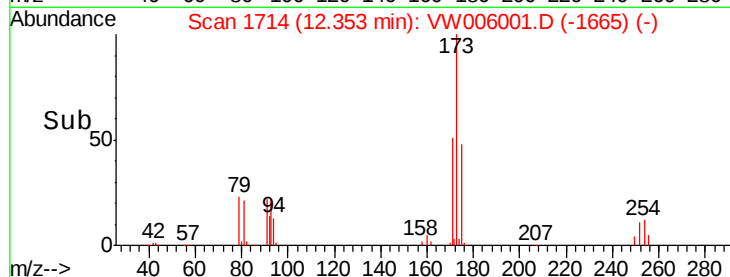
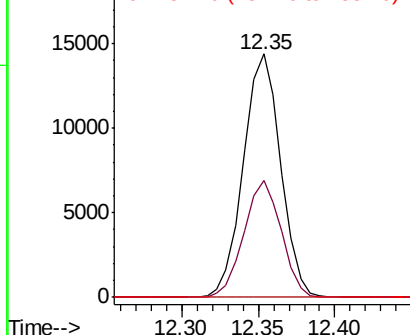
173 100

175 47.9 24.7 74.1

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: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

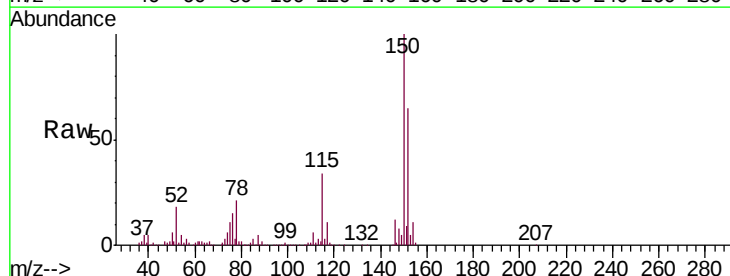
Tgt Ion:152 Resp: 164749

Ion Ratio Lower Upper

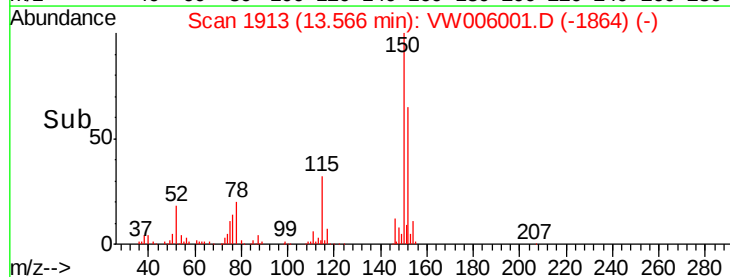
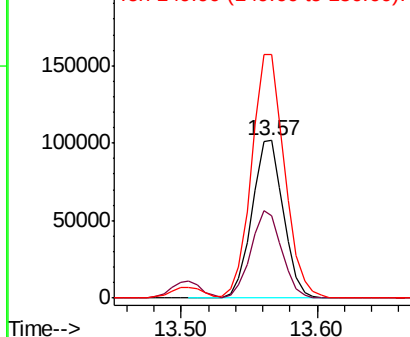
152 100

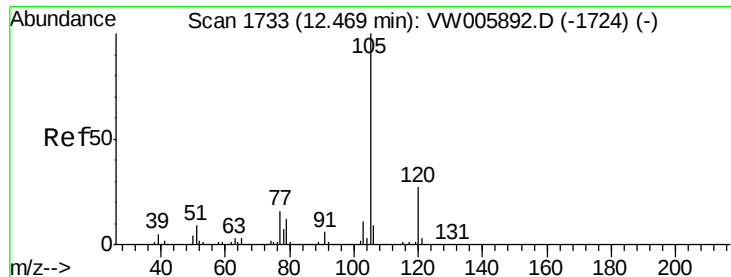
115 54.6 28.3 85.0

150 162.0 0.0 349.2



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





#73

Isopropylbenzene

Concen: 18.796 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

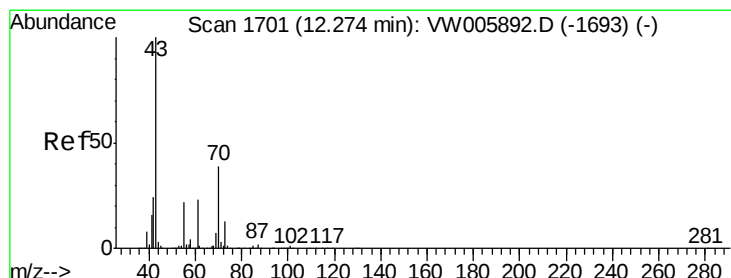
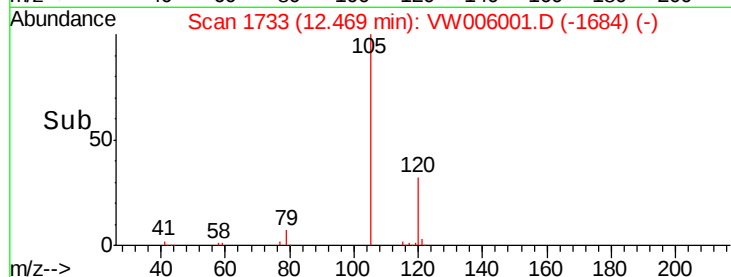
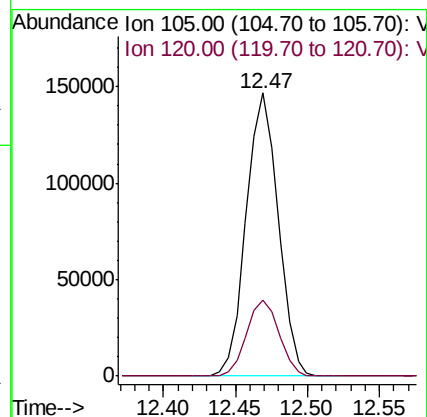
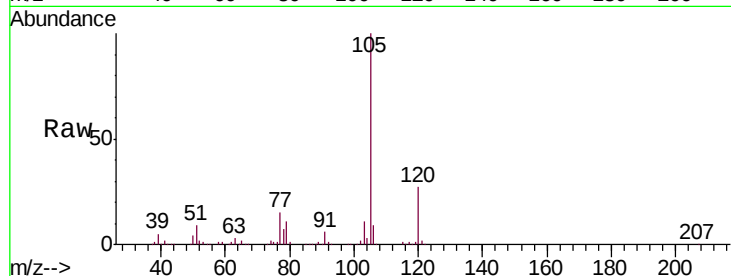
VW1011SBS01

Tgt Ion:105 Resp: 226156

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



#74

N-ethyl acetate

Concen: 17.593 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Tgt Ion: 43 Resp: 50271

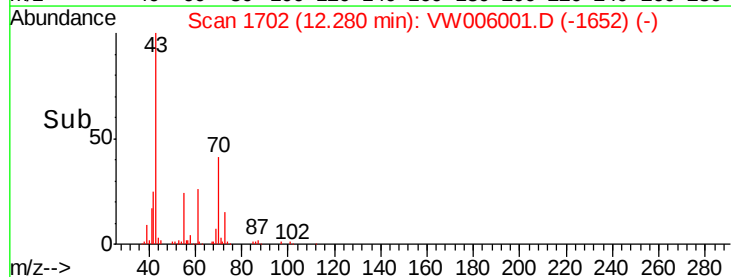
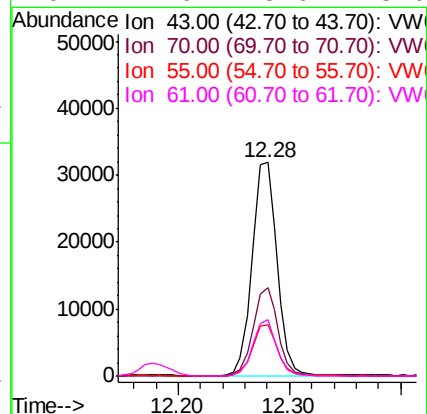
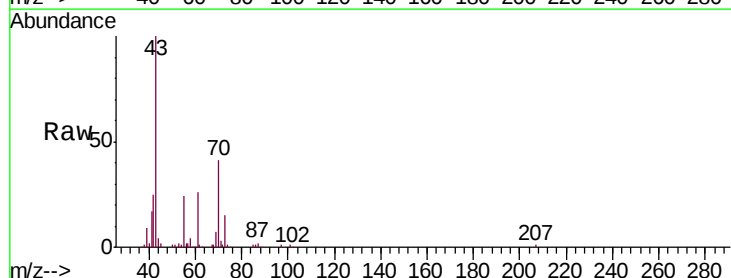
Ion Ratio Lower Upper

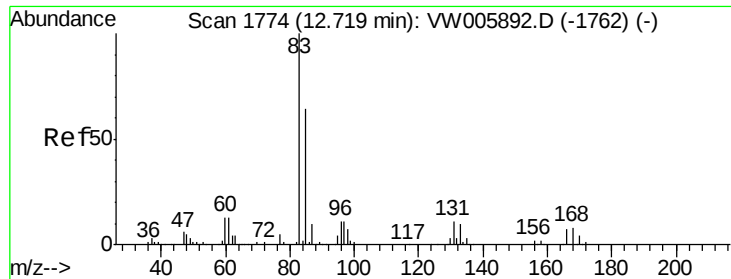
43 100

70 40.5 31.6 47.4

55 24.2 17.9 26.9

61 24.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.787 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBS01

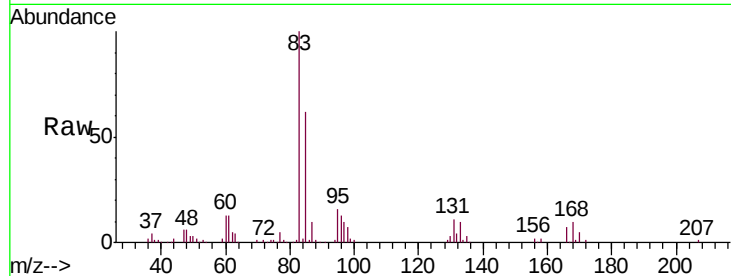
Tgt Ion: 83 Resp: 39021

Ion Ratio Lower Upper

83 100

131 12.2 5.8 17.3

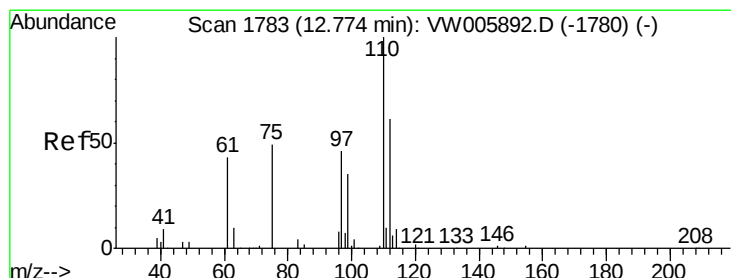
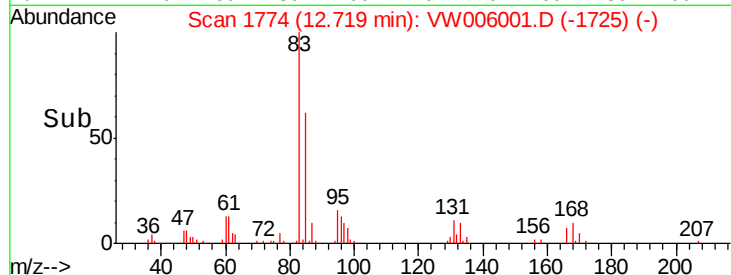
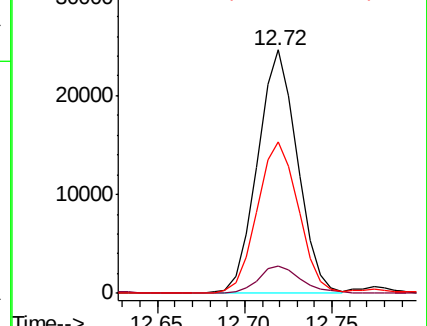
85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.563 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW006001.D

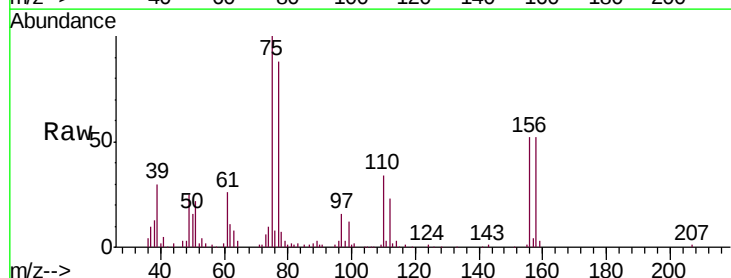
Acq: 10 Oct 2018 22:32

Tgt Ion: 75 Resp: 49394

Ion Ratio Lower Upper

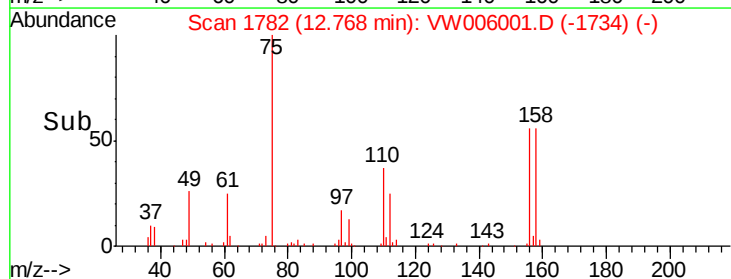
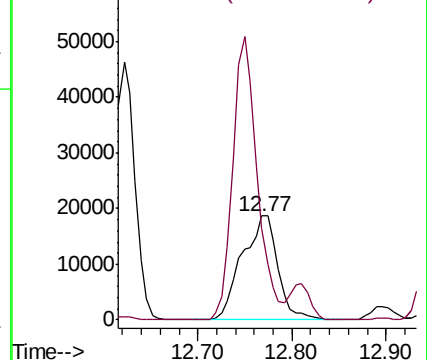
75 100

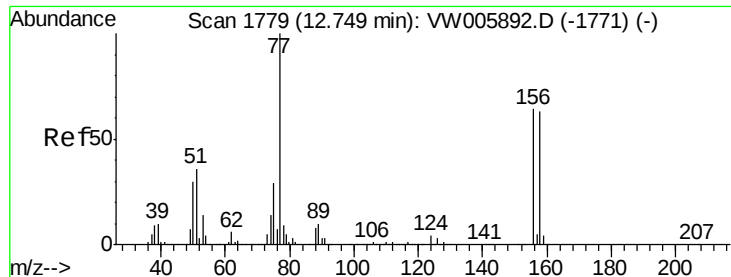
77 187.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

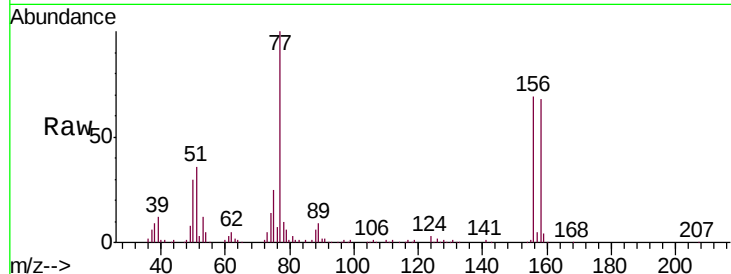




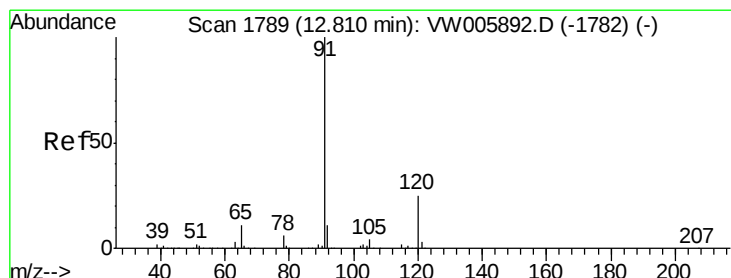
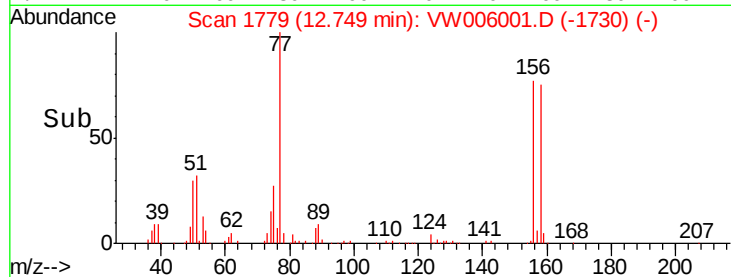
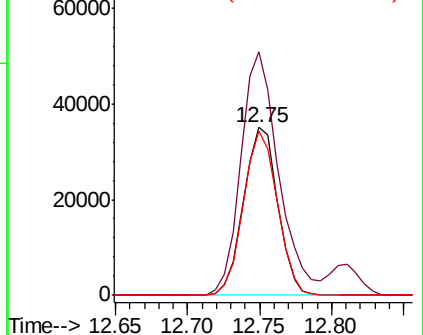
#77
Bromobenzene
Concen: 20.194 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

Tgt Ion:156 Resp: 57565
Ion Ratio Lower Upper
156 100
77 161.1 85.8 257.4
158 97.2 49.1 147.4

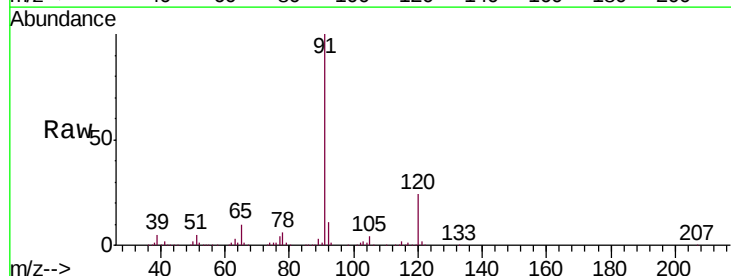


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

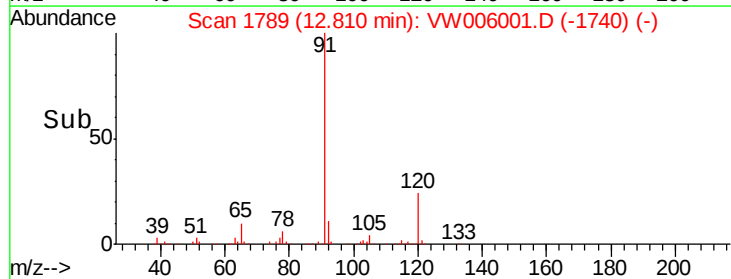
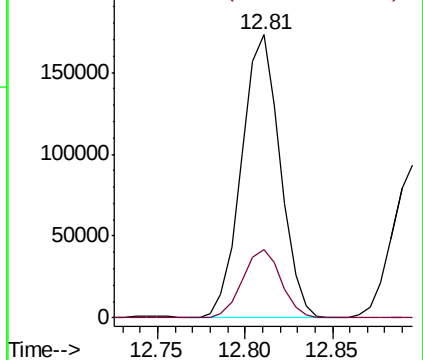


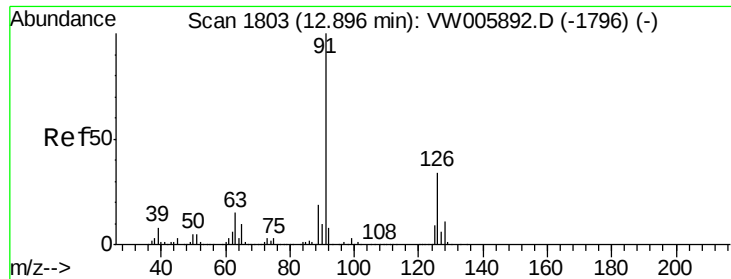
#78
n-propylbenzene
Concen: 18.714 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion: 91 Resp: 264877
Ion Ratio Lower Upper
91 100
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.840 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

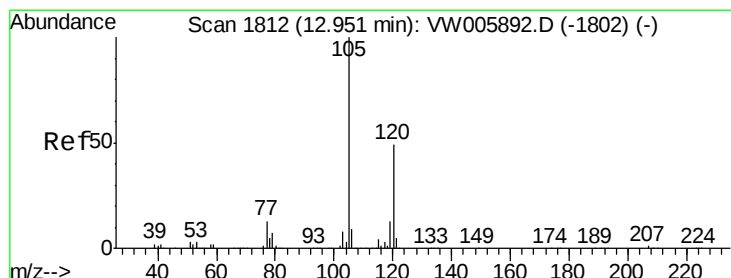
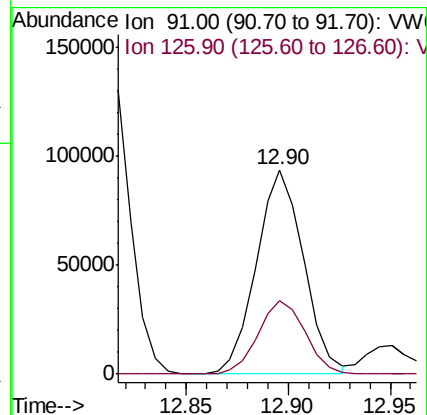
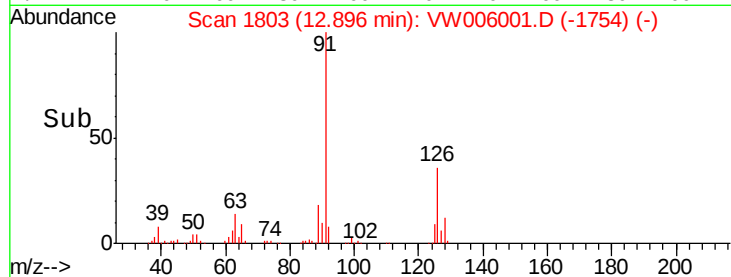
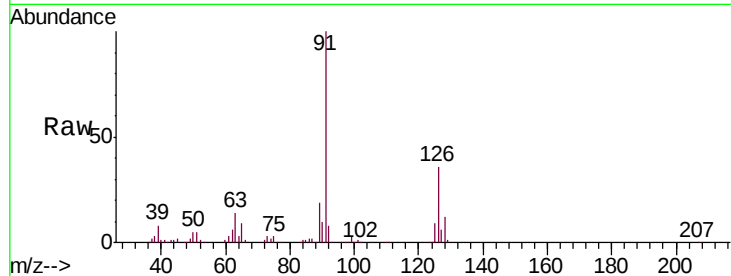
VW1011SBS01

Tgt Ion: 91 Resp: 150530

Ion Ratio Lower Upper

91 100

126 36.1 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 18.751 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006001.D

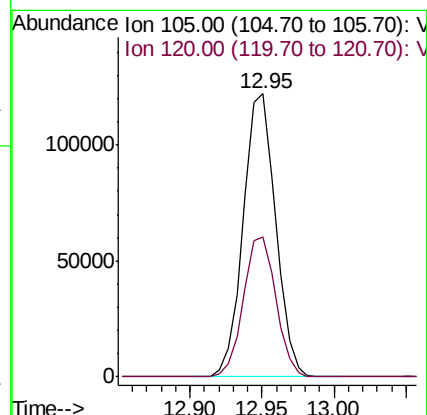
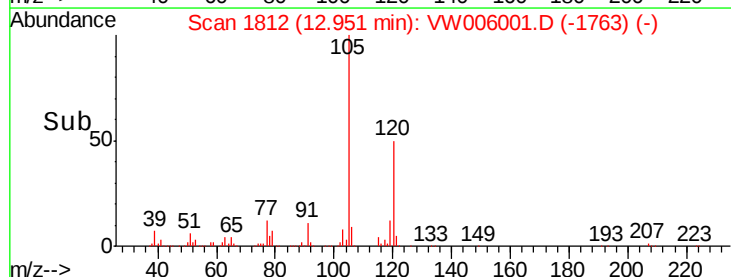
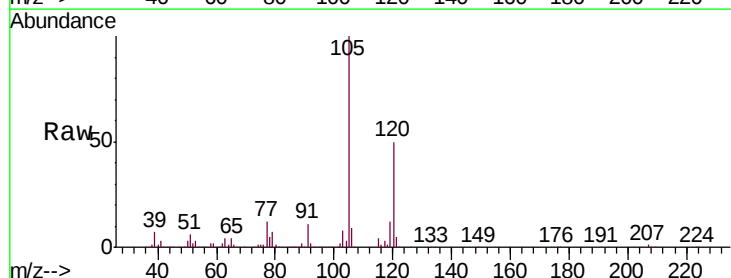
Acq: 10 Oct 2018 22:32

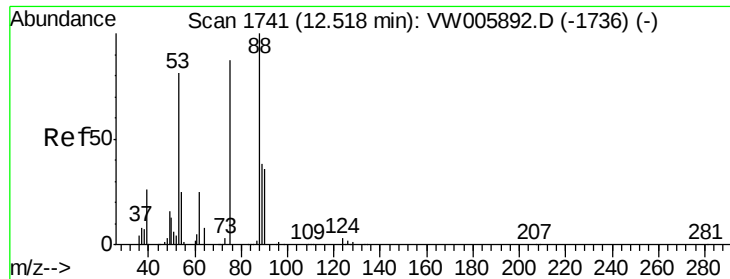
Tgt Ion: 105 Resp: 190469

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.080 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBS01

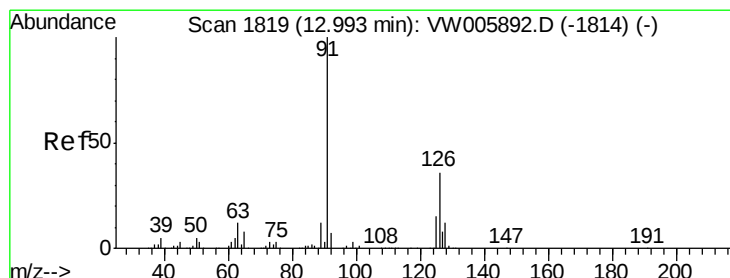
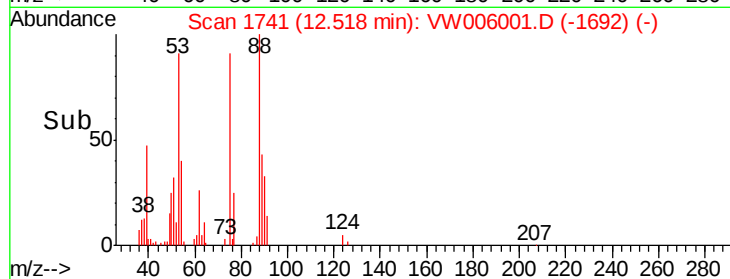
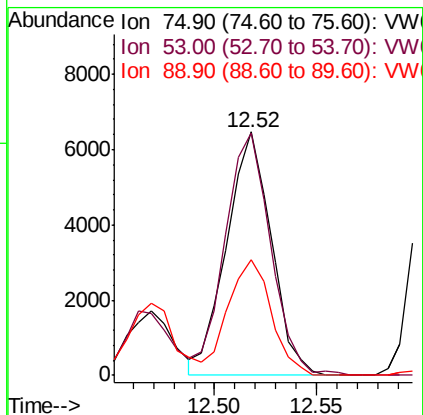
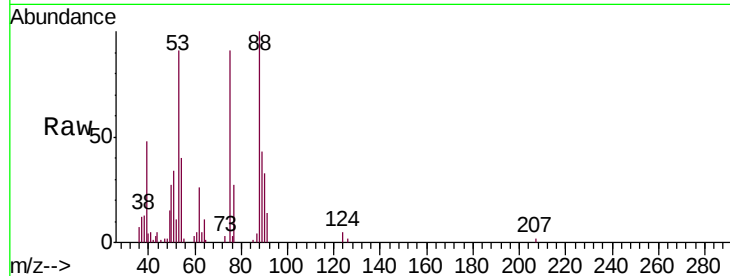
Tgt Ion: 75 Resp: 9815

Ion Ratio Lower Upper

75 100

53 101.9 76.5 114.7

89 46.0 37.6 56.4



#82

4-Chlorotoluene

Concen: 19.007 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006001.D

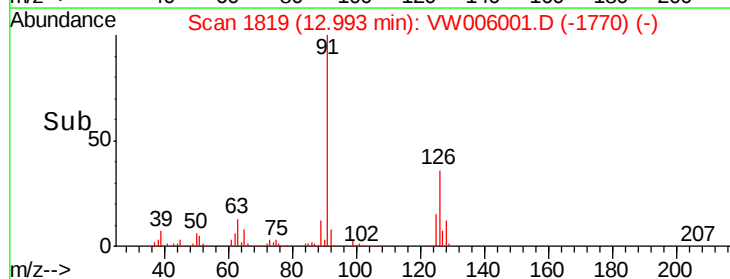
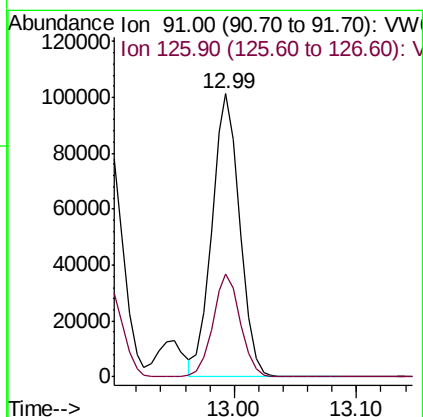
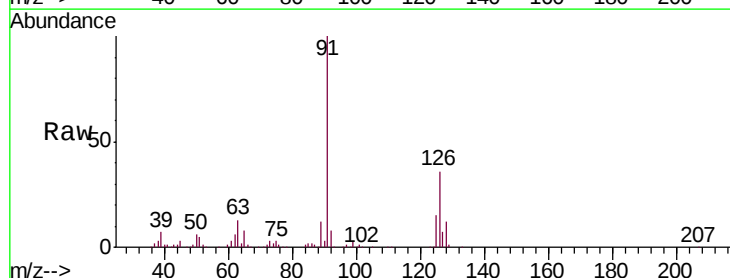
Acq: 10 Oct 2018 22:32

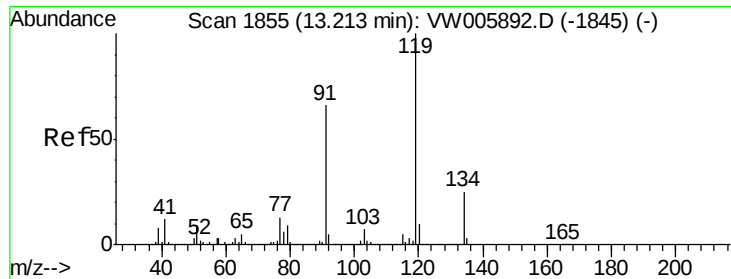
Tgt Ion: 91 Resp: 159773

Ion Ratio Lower Upper

91 100

126 35.9 17.4 52.2

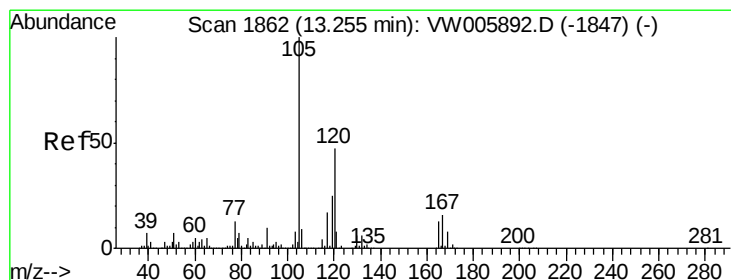
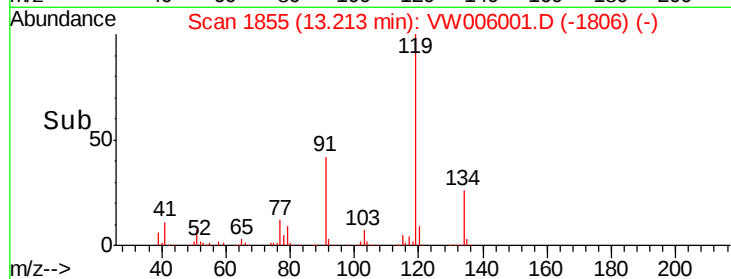
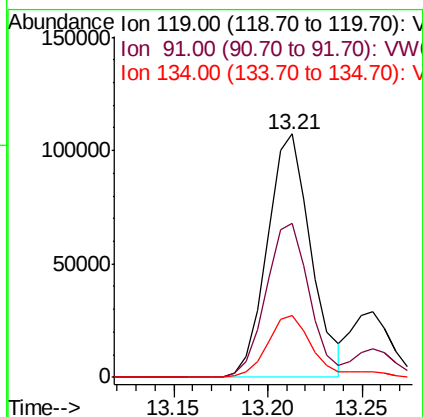
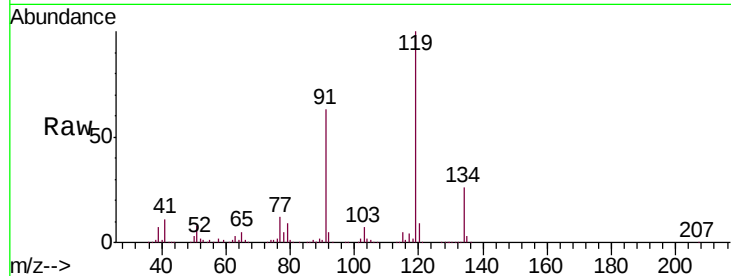




#83
 tert-Butylbenzene
 Concen: 19.047 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

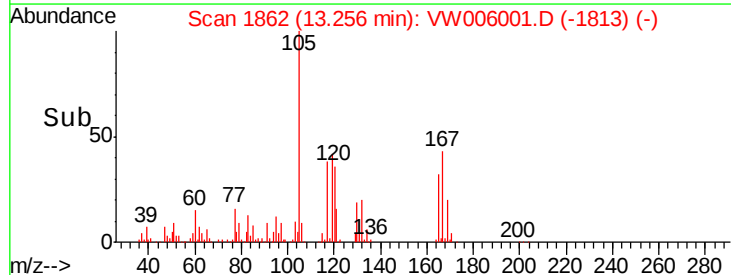
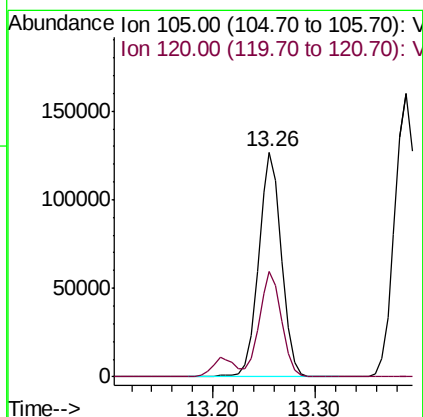
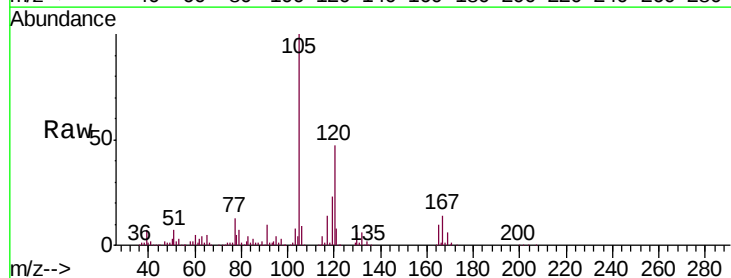
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

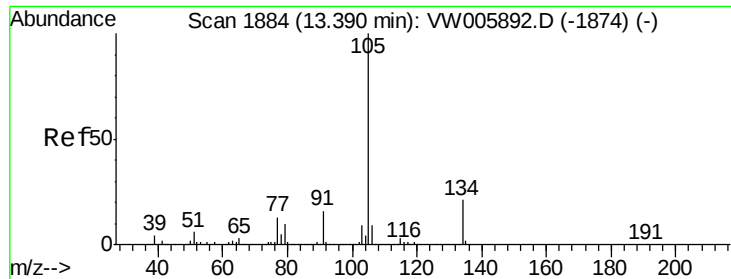
Tgt Ion:119 Resp: 172081
 Ion Ratio Lower Upper
 119 100
 91 63.1 32.4 97.0
 134 27.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.267 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion:105 Resp: 197421
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.8 68.3

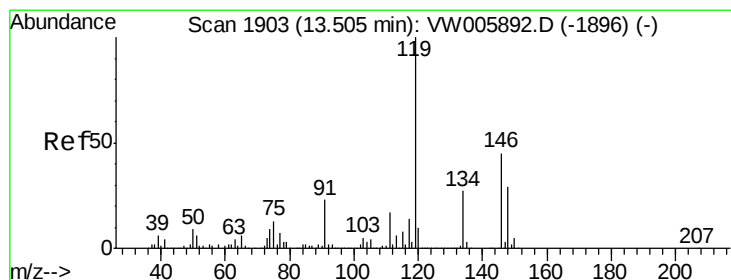
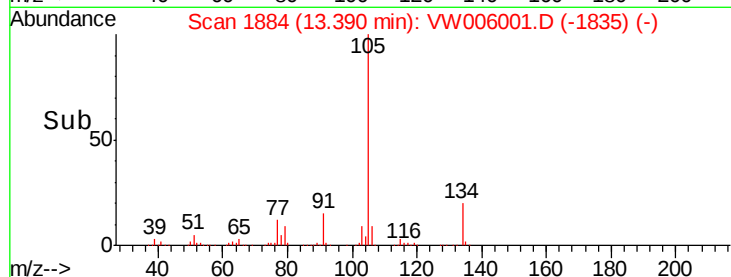
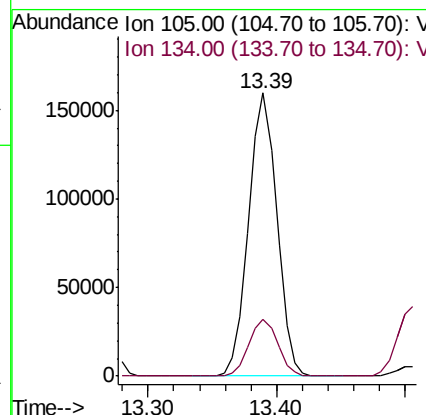
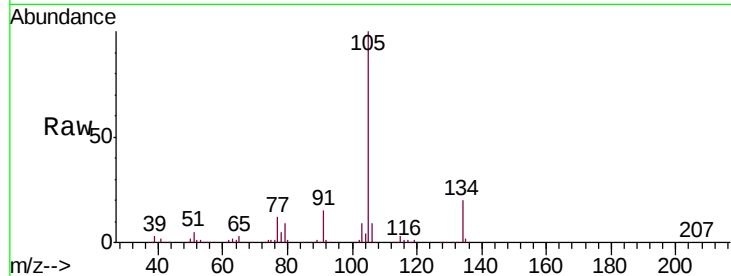




#85
 sec-Butylbenzene
 Concen: 19.080 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

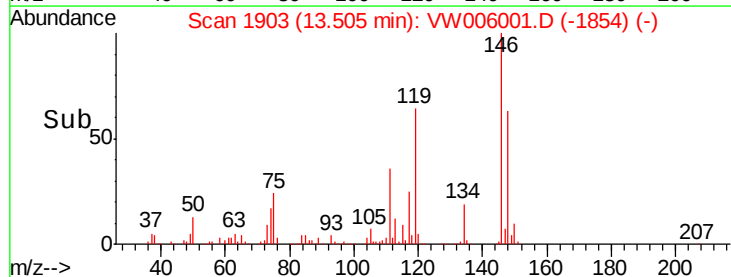
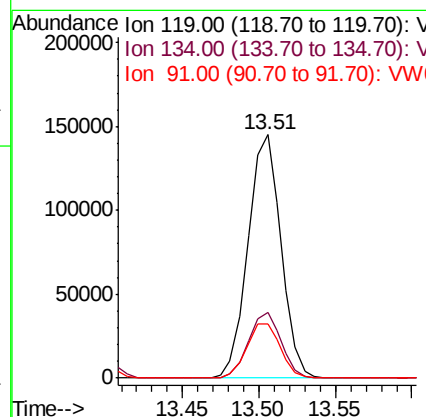
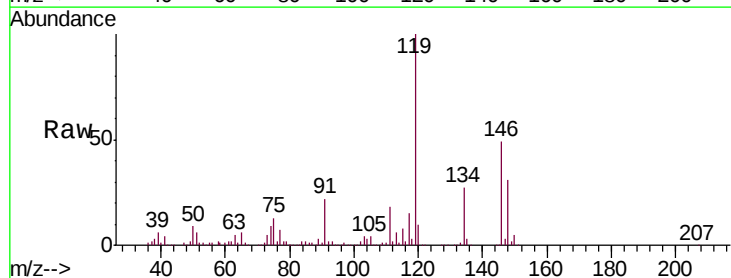
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

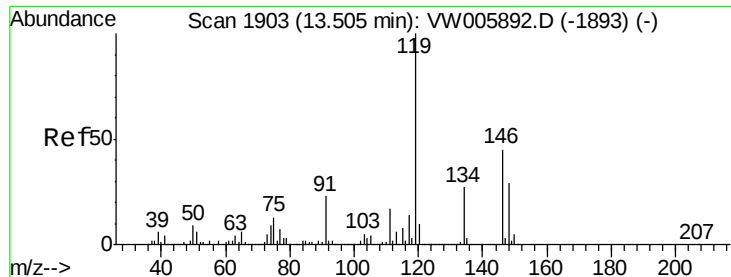
Tgt Ion:105 Resp: 241967
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 19.038 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion:119 Resp: 217121
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 23.1 11.9 35.5

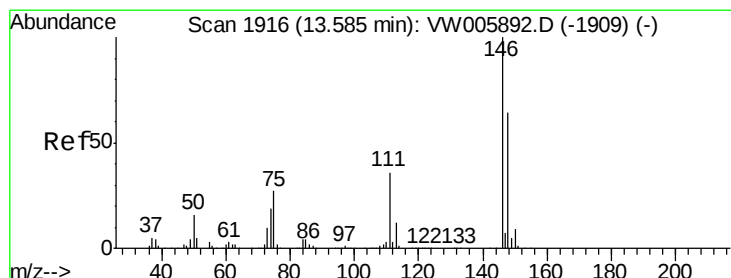
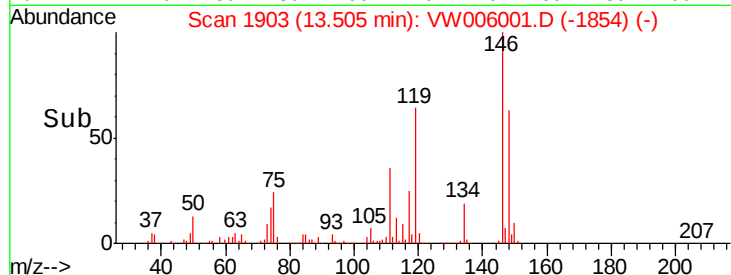
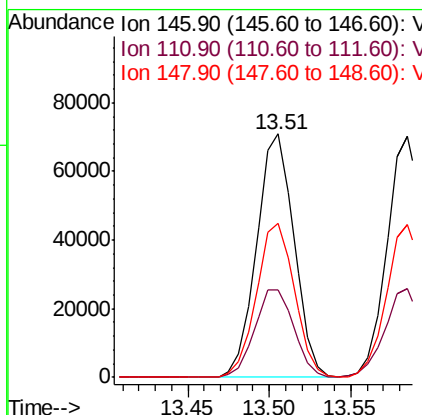
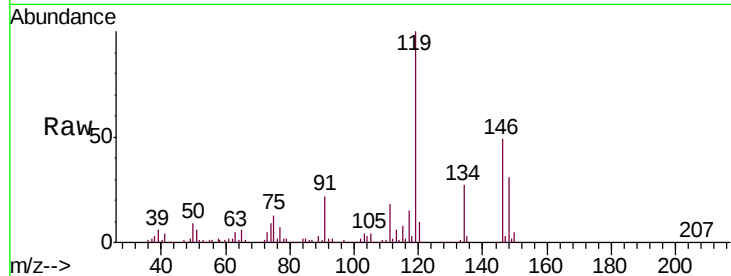




#87
 1,3-Dichlorobenzene
 Concen: 20.050 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

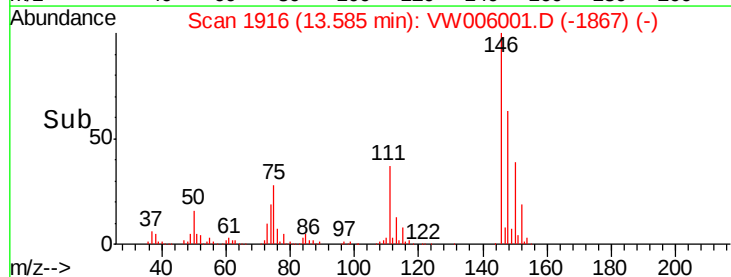
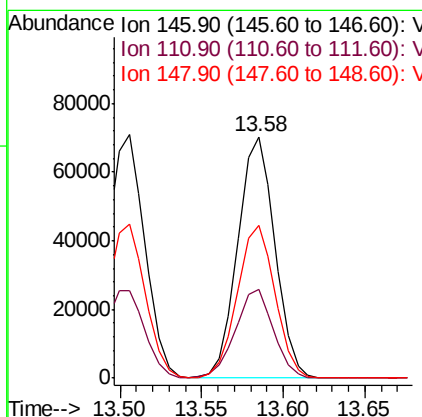
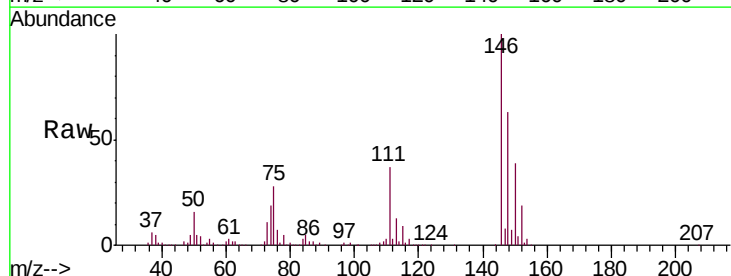
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

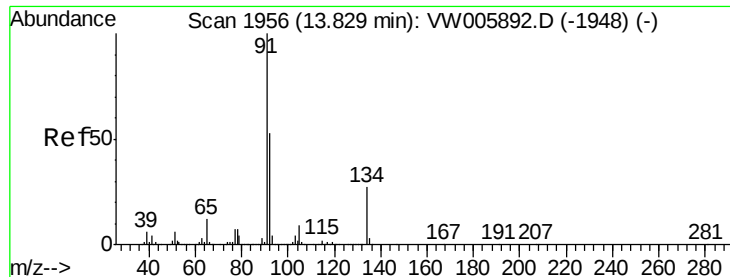
Tgt Ion:146 Resp: 113548
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.5 58.5
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.847 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion:146 Resp: 111693
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.0 57.0
 148 64.5 32.0 96.2





#89

n-Butylbenzene

Concen: 18.631 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006001.D

Acq: 10 Oct 2018 22:32

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBS01

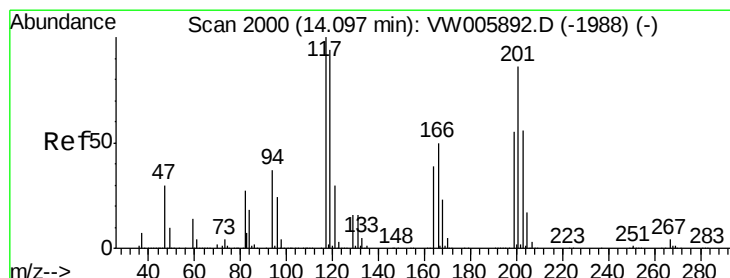
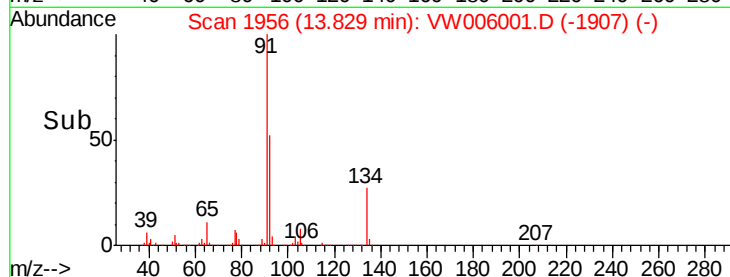
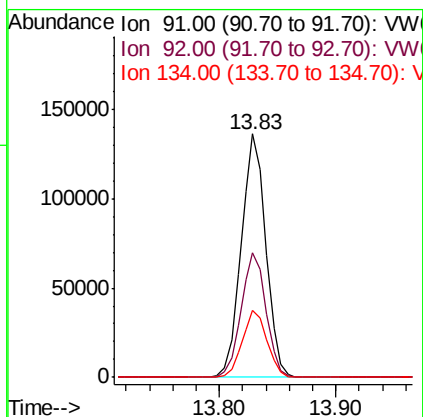
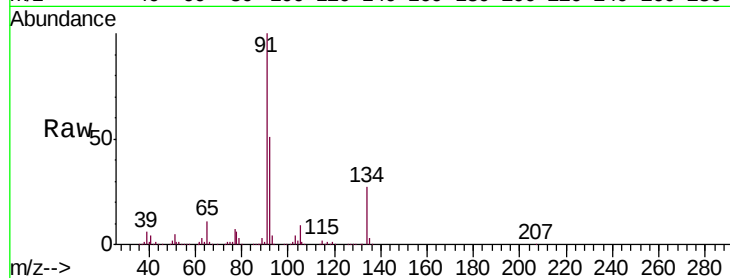
Tgt Ion: 91 Resp: 200287

Ion Ratio Lower Upper

91 100

92 51.7 26.6 79.8

134 27.5 13.8 41.4



#90

Hexachloroethane

Concen: 16.259 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006001.D

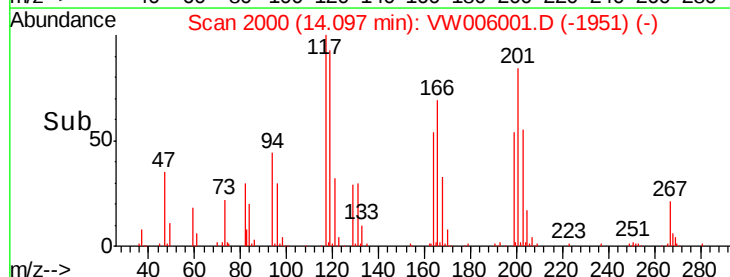
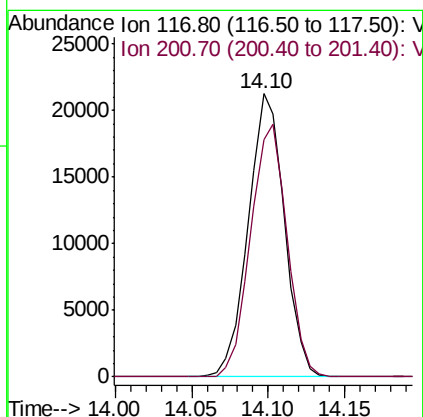
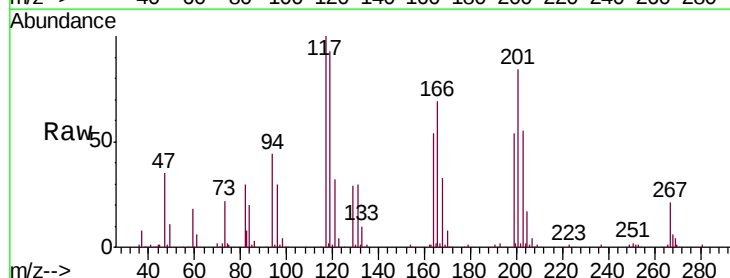
Acq: 10 Oct 2018 22:32

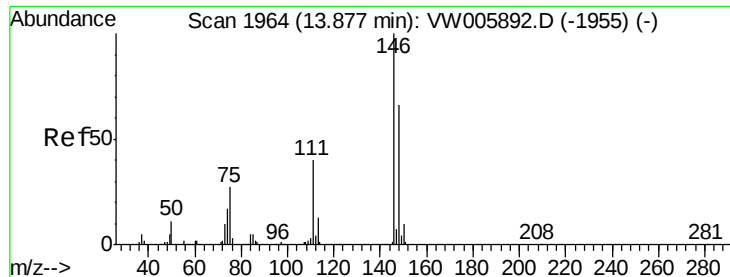
Tgt Ion: 117 Resp: 34874

Ion Ratio Lower Upper

117 100

201 90.1 44.5 133.5

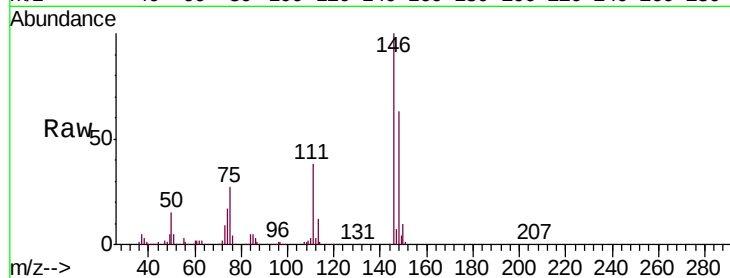




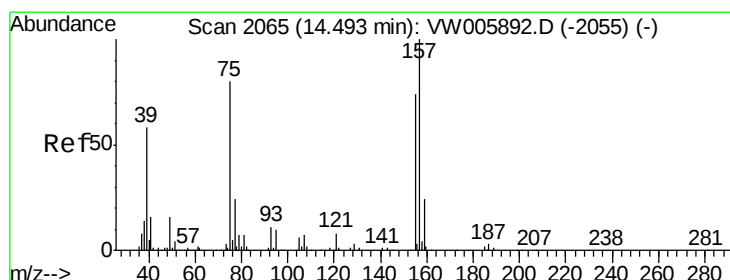
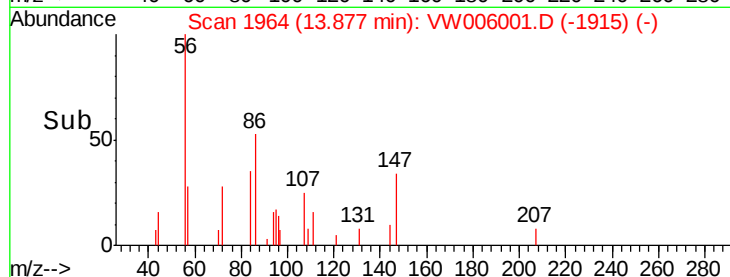
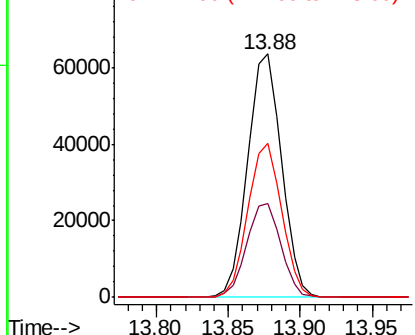
#91
 1,2-Dichlorobenzene
 Concen: 20.541 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	61.0
148	63.4	32.5	97.4

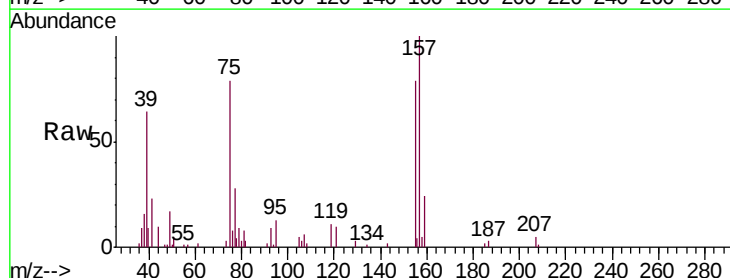


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

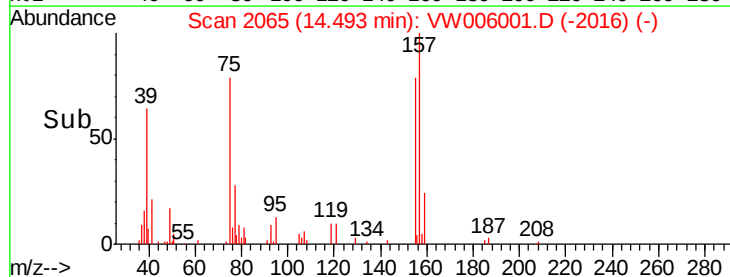
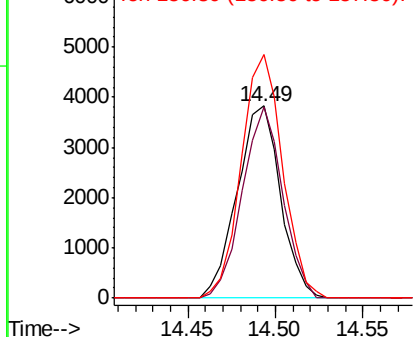


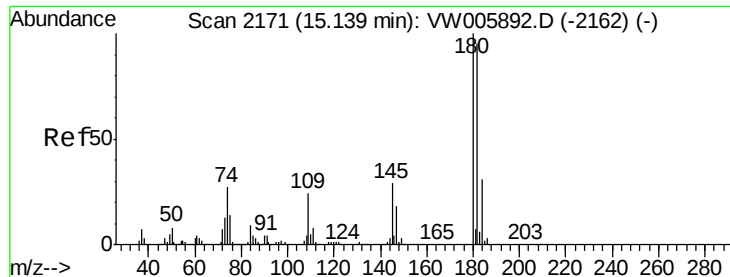
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.898 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	44.8	134.3
157	120.9	58.9	176.6



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

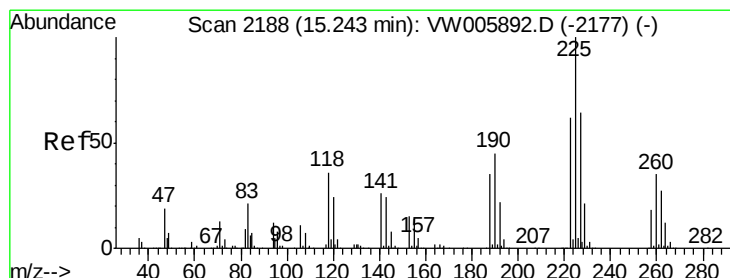
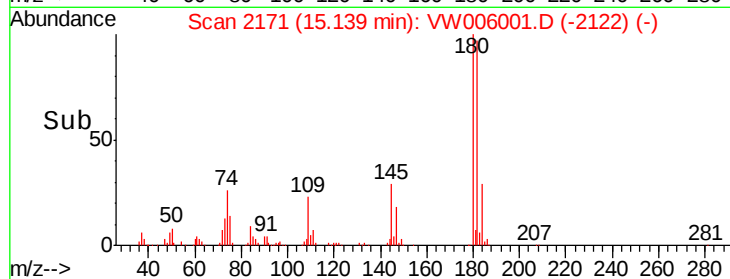
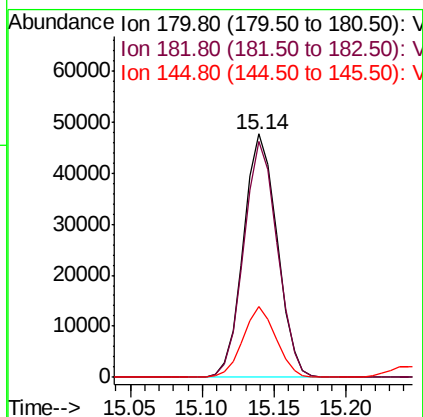
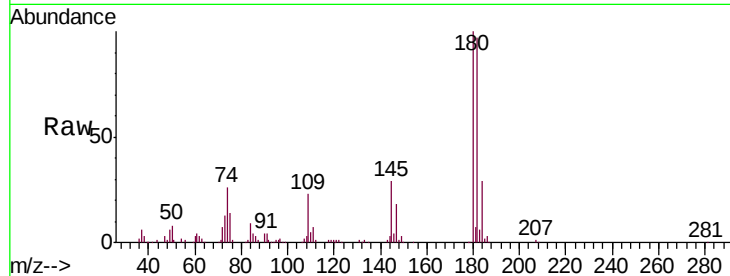




#93
 1,2,4-Trichlorobenzene
 Concen: 19.816 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

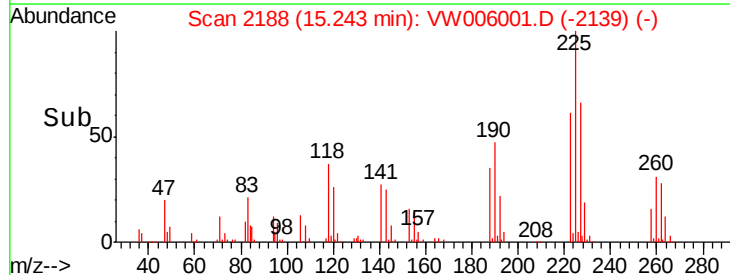
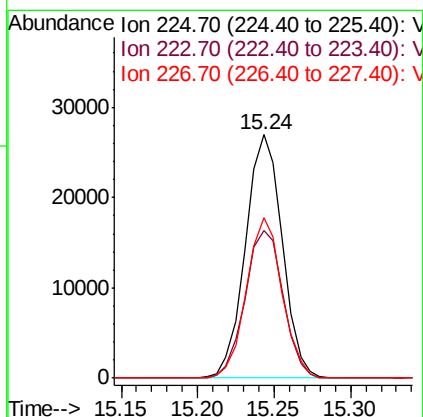
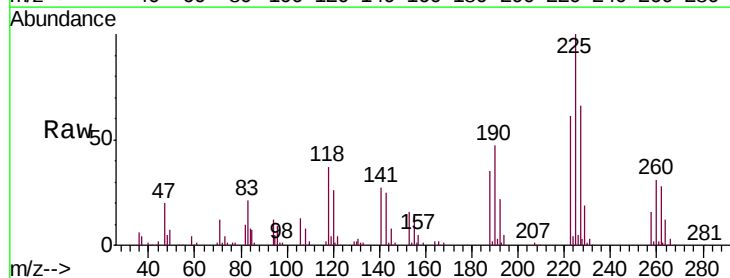
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

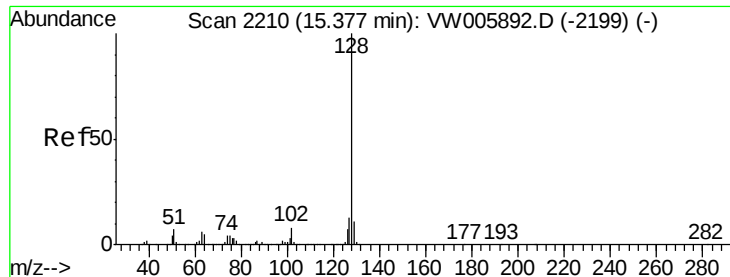
Tgt Ion:180 Resp: 77252
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.8 143.3
 145 28.5 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 18.514 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006001.D
 Acq: 10 Oct 2018 22:32

Tgt Ion:225 Resp: 45053
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.2 93.6
 227 64.0 31.9 95.9

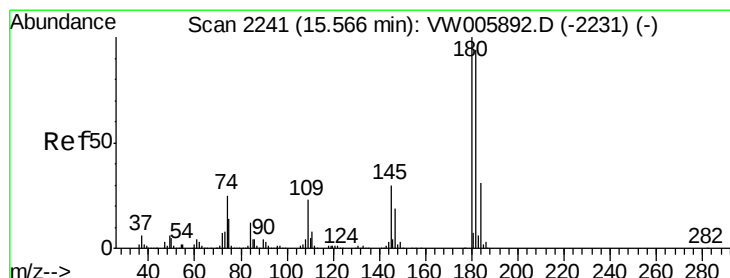
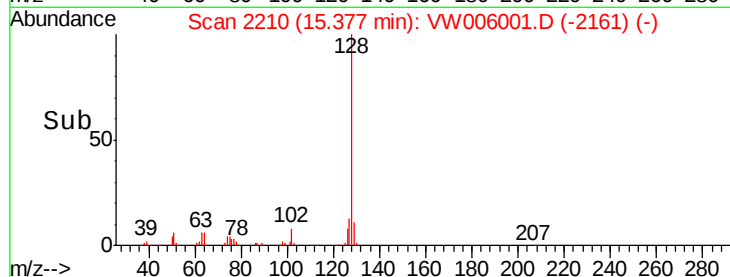
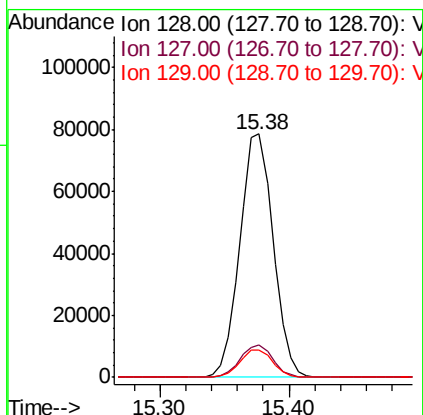
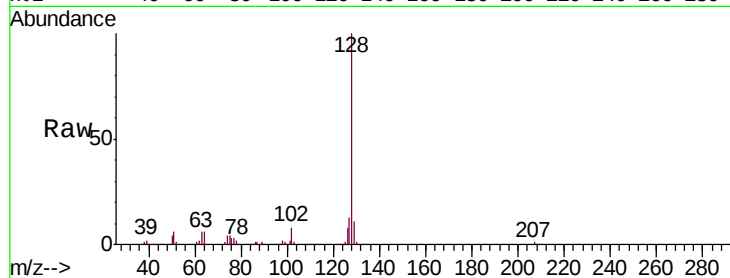




#95
Naphthalene
Concen: 20.949 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBS01

Tgt Ion:128 Resp: 140775
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.486 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006001.D
Acq: 10 Oct 2018 22:32

Tgt Ion:180 Resp: 69152
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.8
145 30.2 15.3 45.9

