

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100618\
 Data File : VW005869.D
 Acq On : 05 Oct 2018 00:30
 Operator : SY/AP
 Sample : VW1006SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Quant Time: Oct 05 01:10:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	278216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111314	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	7.88	113	90271	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.33	98	385571	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.62	95	142122	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	22148	20.578	ug/l	91
3) Chloromethane	2.21	50	23268	17.940	ug/l	99
4) Vinyl Chloride	2.37	62	35873	18.889	ug/l	99
5) Bromomethane	2.78	94	23809	17.989	ug/l	99
6) Chloroethane	2.93	64	21577	18.576	ug/l	90
7) Trichlorofluoromethane	3.26	101	21947	16.803	ug/l	98
8) Diethyl Ether	3.68	74	19282	19.468	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	34946	19.345	ug/l	97
10) Methyl Iodide	4.27	142	56010	19.108	ug/l	98
11) Tert butyl alcohol	5.21	59	13659	98.796	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	34461	19.469	ug/l	94
13) Acrolein	3.90	56	15128	108.904	ug/l	100
14) Allyl chloride	4.67	41	55008	19.149	ug/l	100
15) Acrylonitrile	5.37	53	44373	105.721	ug/l	99
16) Acetone	4.14	43	46151	120.948	ug/l	97
17) Carbon Disulfide	4.38	76	99565	17.790	ug/l	99
18) Methyl Acetate	4.68	43	20655	19.033	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	55530	19.984	ug/l	99
20) Methylene Chloride	4.92	84	45847	16.868	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	37728	19.528	ug/l	95
22) Diisopropyl ether	6.31	45	104444	18.526	ug/l	99
23) Vinyl Acetate	6.26	43	313202	97.799	ug/l	99
24) 1,1-Dichloroethane	6.22	63	70041	19.147	ug/l	97
25) 2-Butanone	7.18	43	58148	108.331	ug/l	94
26) 2,2-Dichloropropane	7.17	77	44150	19.329	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	41387	19.219	ug/l	98
28) Bromochloromethane	7.52	49	24994	19.344	ug/l	95
29) Tetrahydrofuran	7.53	42	35008	105.650	ug/l	96
30) Chloroform	7.68	83	73321	18.703	ug/l	99
31) Cyclohexane	7.96	56	57988	18.543	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	62720	18.745	ug/l	98
36) 1,1-Dichloropropene	8.09	75	52816	19.098	ug/l	99
37) Ethyl Acetate	7.26	43	24949	21.677	ug/l	98
38) Carbon Tetrachloride	8.07	117	57663	18.713	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58851	18.903	ug/l	98
40) Benzene	8.32	78	158782	19.811	ug/l	98
41) Methacrylonitrile	7.49	41	14349	20.863	ug/l	94
42) 1,2-Dichloroethane	8.40	62	53030	19.672	ug/l	100
43) Isopropyl Acetate	8.43	43	46711	20.532	ug/l	99
44) Trichloroethene	9.10	130	39200	18.505	ug/l	96
45) 1,2-Dichloropropane	9.37	63	33938	17.882	ug/l	95
46) Dibromomethane	9.46	93	19536	18.821	ug/l	99
47) Bromodichloromethane	9.65	83	52962	19.279	ug/l	99
48) Methyl methacrylate	9.44	41	20933	19.005	ug/l	96
49) 1,4-Dioxane	9.46	88	6381	393.452	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	129376	109.311	ug/l	100
52) Toluene	10.39	92	104160	20.390	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	54264	20.230	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	59549	19.829	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30948	20.638	ug/l	95
56) Ethyl methacrylate	10.65	69	37524	20.894	ug/l	97
57) 1,3-Dichloropropane	10.93	76	52574	20.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	80264	108.713	ug/l	99
59) 2-Hexanone	10.98	43	90230	113.981	ug/l	99
60) Dibromochloromethane	11.13	129	36758	19.636	ug/l	92
61) 1,2-Dibromoethane	11.24	107	29052	20.857	ug/l	99
64) Tetrachloroethene	10.87	164	41410	19.672	ug/l	95
65) Chlorobenzene	11.66	112	116706	19.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	41781	19.116	ug/l	97
67) Ethyl Benzene	11.74	91	199205	19.729	ug/l	99
68) m/p-Xylenes	11.84	106	155173	39.883	ug/l	100
69) o-Xylene	12.17	106	70826	19.585	ug/l	98
70) Styrene	12.19	104	122596	19.986	ug/l	99
71) Bromoform	12.35	173	24459	20.328	ug/l #	99
73) Isopropylbenzene	12.47	105	203127	19.874	ug/l	100
74) N-amyl acetate	12.28	43	47117	21.182	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	35798	20.413	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	50030	37.058	ug/l #	100
77) Bromobenzene	12.75	156	48931	19.390	ug/l	96
78) n-propylbenzene	12.81	91	243125	19.999	ug/l	100
79) 2-Chlorotoluene	12.90	91	142236	19.643	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	175944	19.822	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11399	21.344	ug/l	99
82) 4-Chlorotoluene	12.99	91	154888	20.293	ug/l	96
83) tert-Butylbenzene	13.21	119	141531	19.120	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	182900	20.069	ug/l	98
85) sec-Butylbenzene	13.39	105	210234	19.675	ug/l	100
86) p-Isopropyltoluene	13.51	119	190660	19.879	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	97794	19.210	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	97462	19.188	ug/l	99
89) n-Butylbenzene	13.83	91	178276	20.182	ug/l	100
90) Hexachloroethane	14.10	117	34696	19.240	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	91857	20.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7340	21.649	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 2018
Response via : Initial Calibration

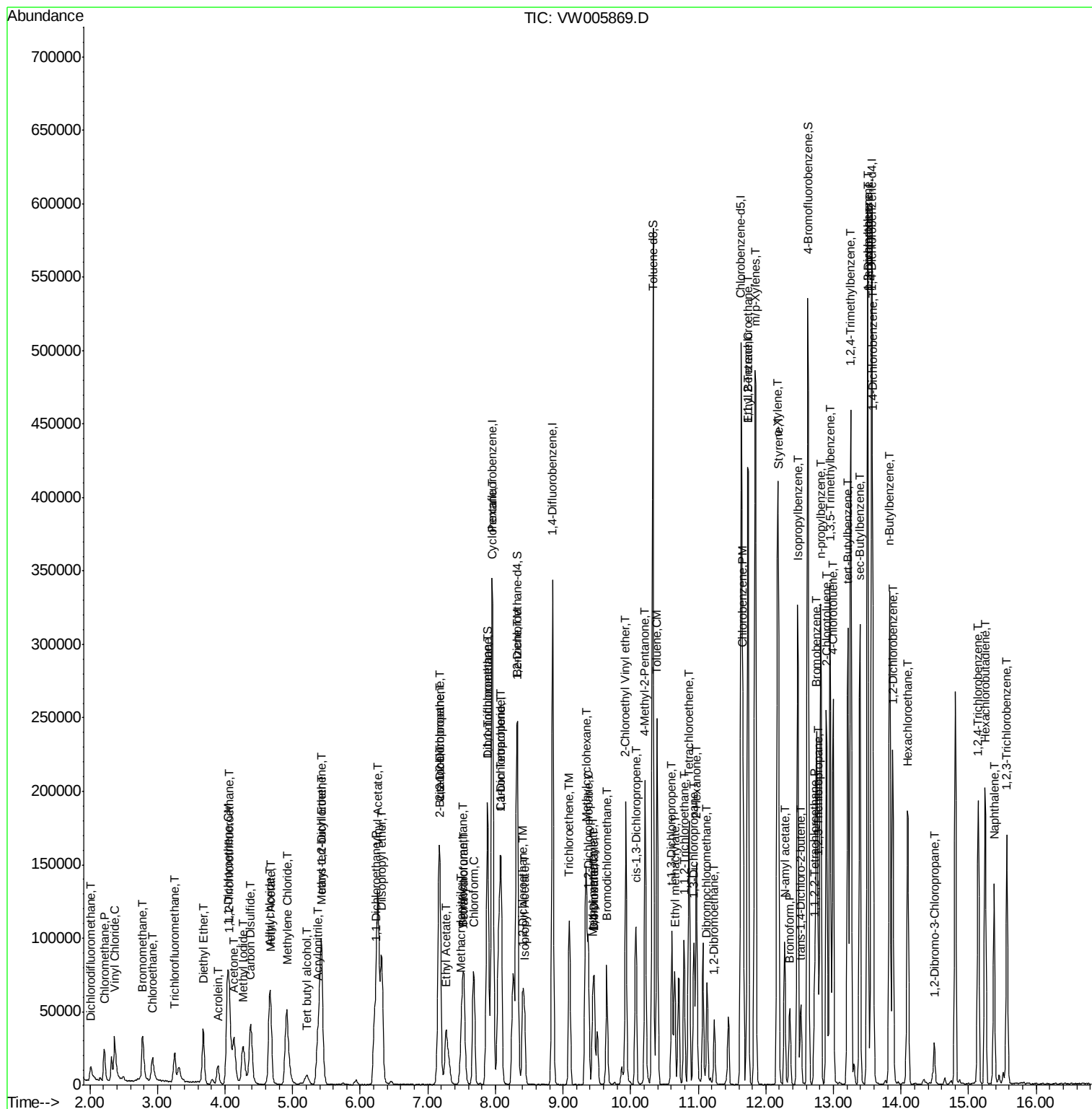
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	65096	20.351	ug/l	99
94) Hexachlorobutadiene	15.24	225	40910	20.226	ug/l	100
95) Naphthalene	15.38	128	114086	20.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	59739	20.773	ug/l	99

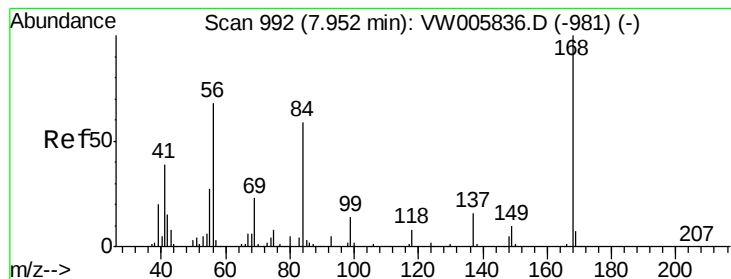
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100618\
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Quant Title : SW846 8260
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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: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

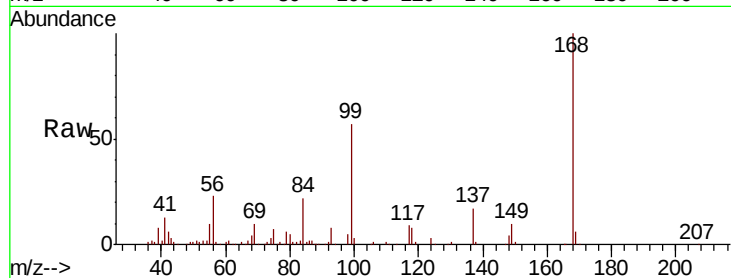
VW1006SBS01

Tgt Ion:168 Resp: 188470

Ion Ratio Lower Upper

168 100

99 56.5 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

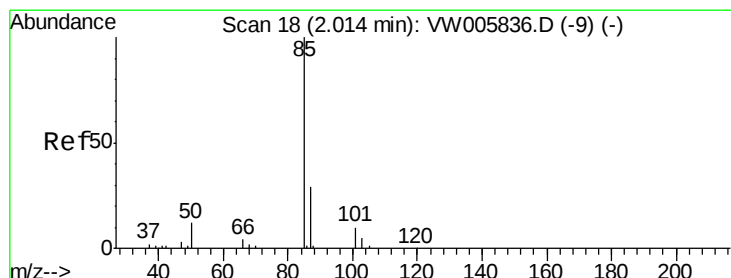
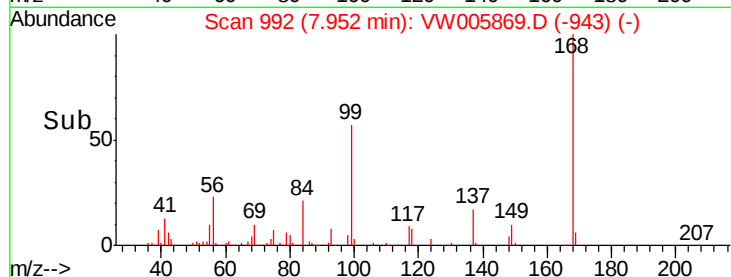
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.578 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW005869.D

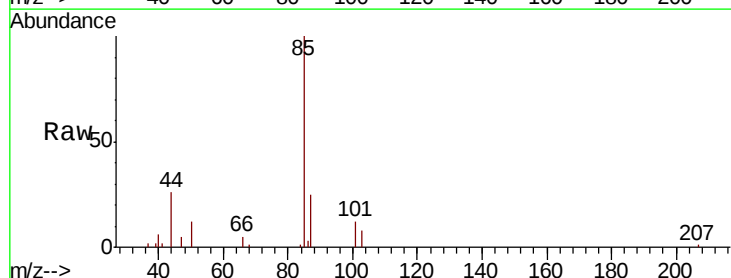
Acq: 05 Oct 2018 00:30

Tgt Ion: 85 Resp: 22148

Ion Ratio Lower Upper

85 100

87 24.6 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

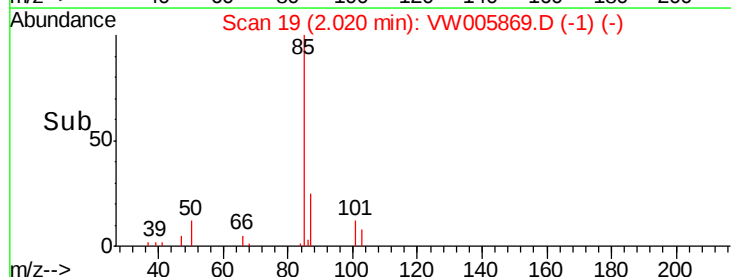
6000

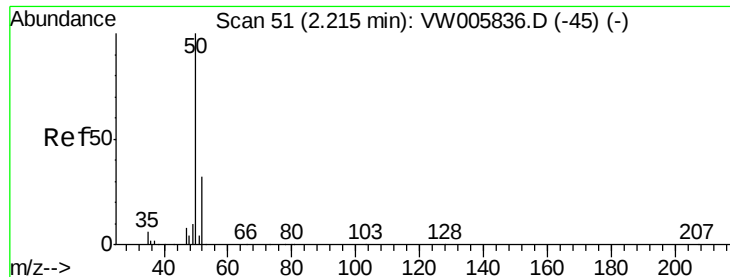
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 17.940 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

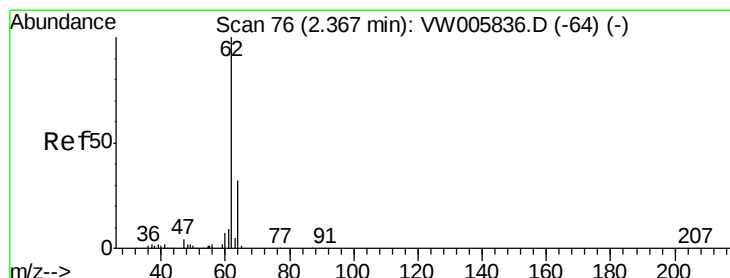
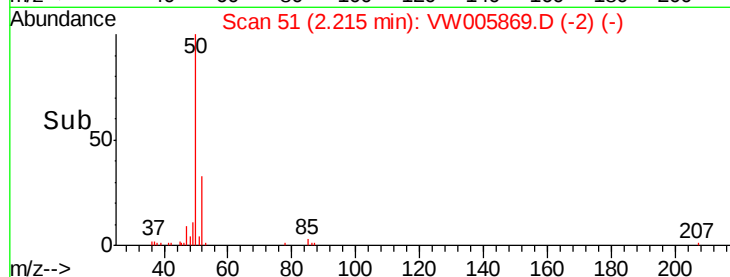
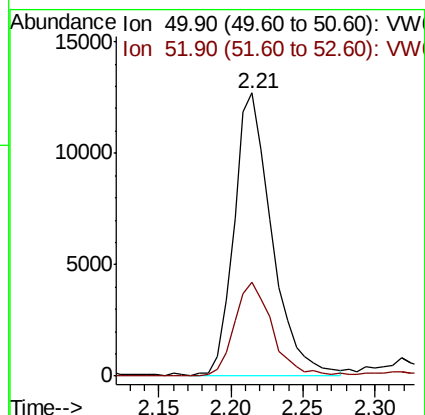
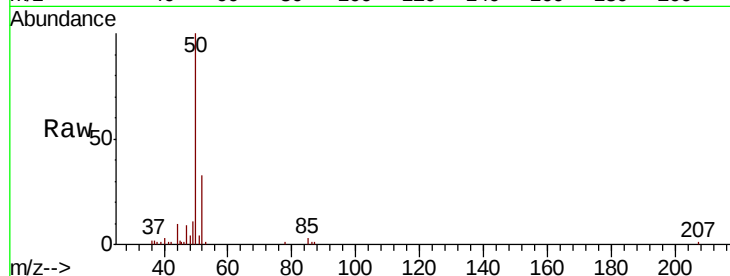
VW1006SBS01

Tgt Ion: 50 Resp: 23268

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



#4

Vinyl Chloride

Concen: 18.889 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005869.D

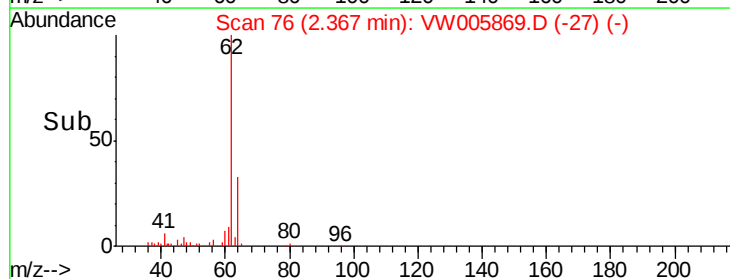
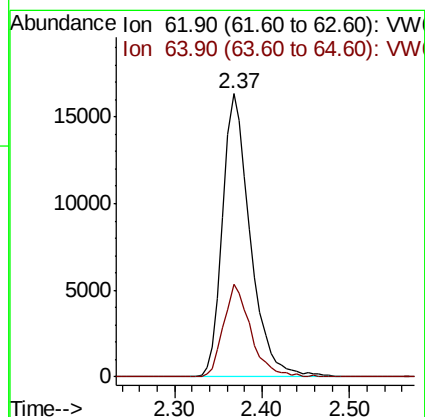
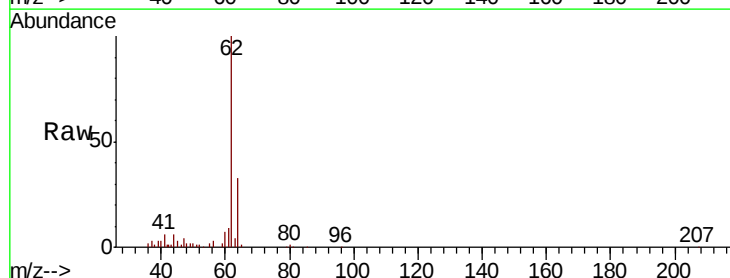
Acq: 05 Oct 2018 00:30

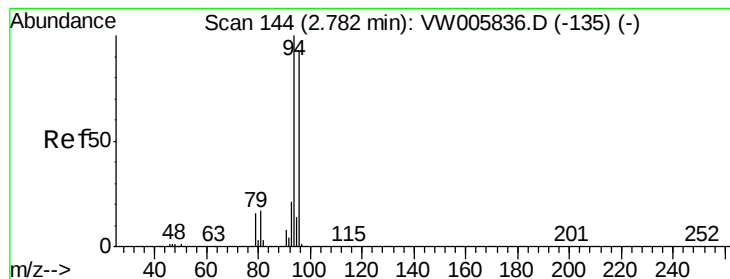
Tgt Ion: 62 Resp: 35873

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 17.989 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

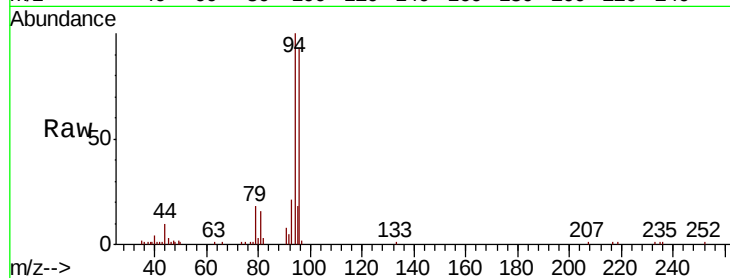
VW1006SBS01

Tgt Ion: 94 Resp: 23809

Ion Ratio Lower Upper

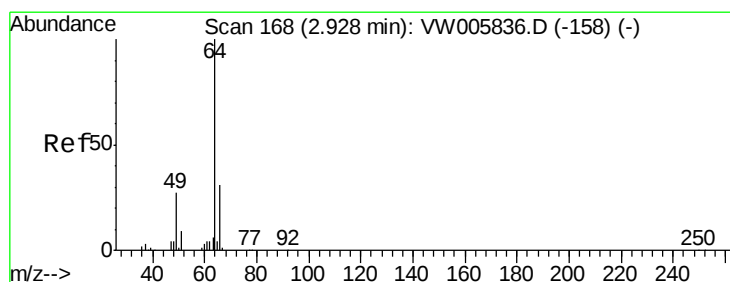
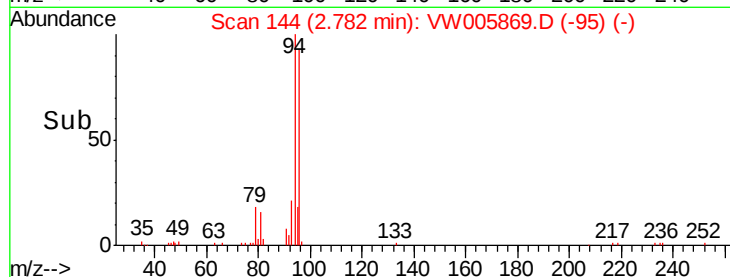
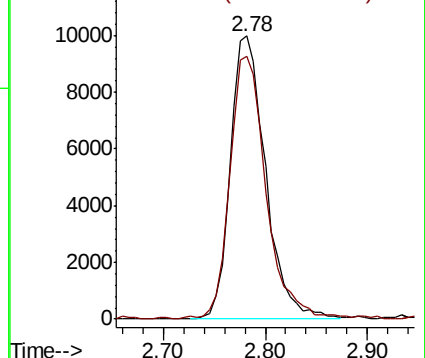
94 100

96 91.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.576 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005869.D

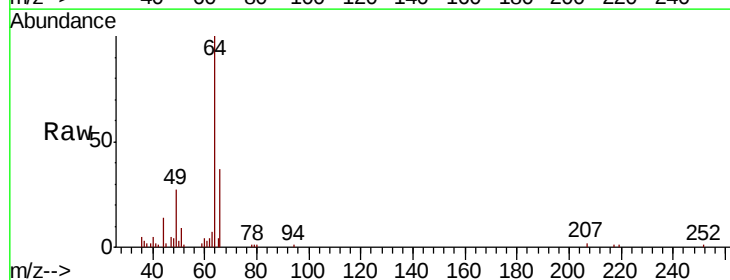
Acq: 05 Oct 2018 00:30

Tgt Ion: 64 Resp: 21577

Ion Ratio Lower Upper

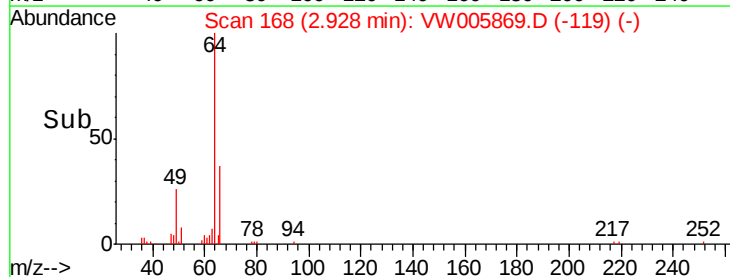
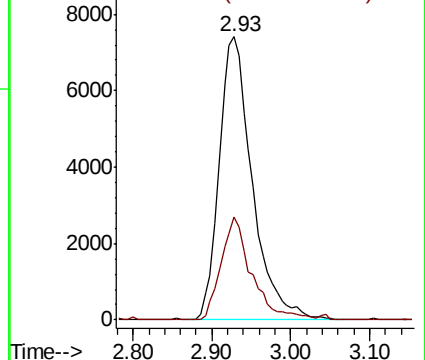
64 100

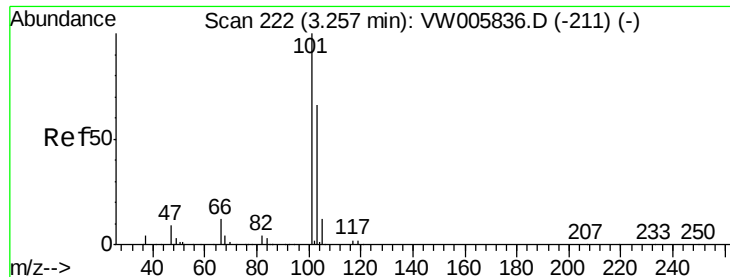
66 36.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



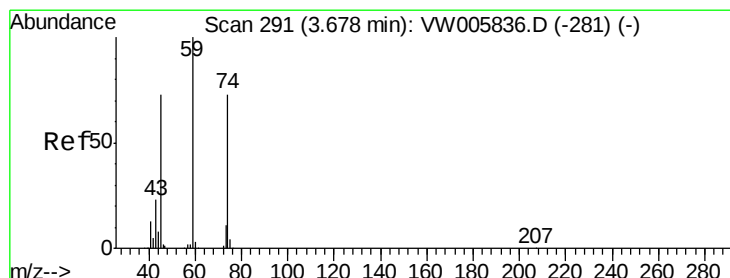
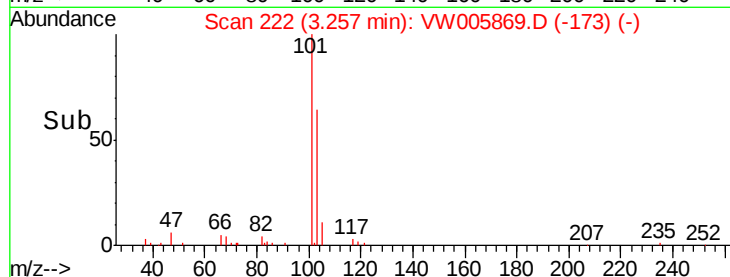
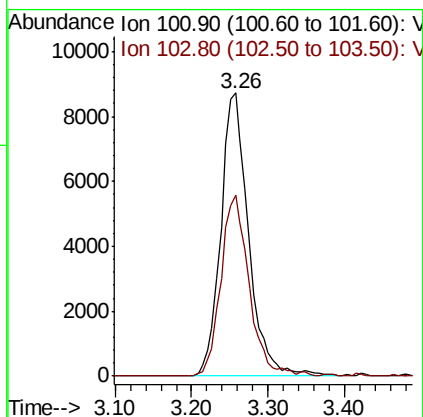
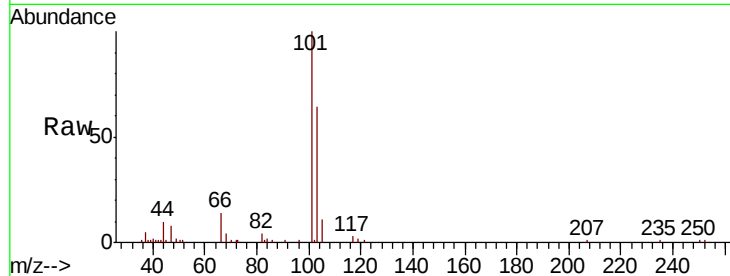


#7

Trichlorofluoromethane
 Concen: 16.803 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
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 VW1006SBS01

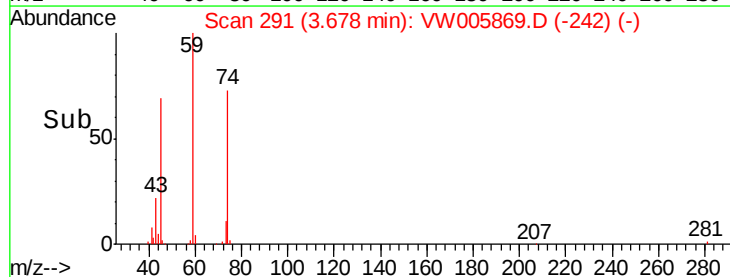
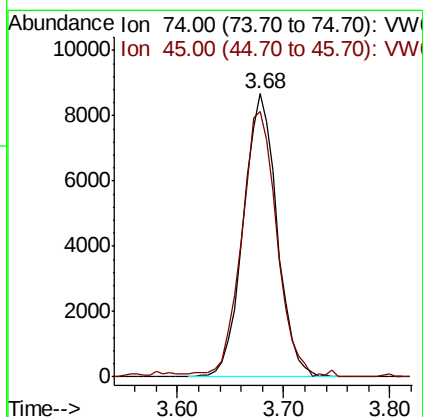
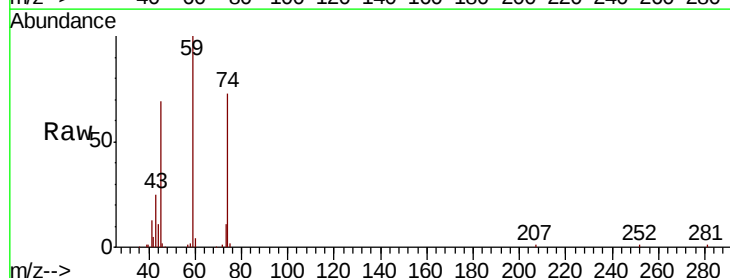
Tgt Ion:101 Resp: 21947
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.5 78.7

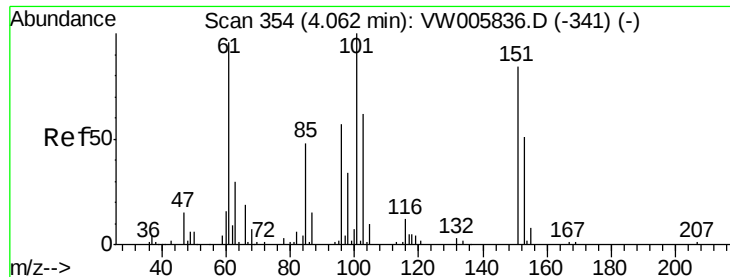


#8

Diethyl Ether
 Concen: 19.468 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 74 Resp: 19282
 Ion Ratio Lower Upper
 74 100
 45 96.1 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.345 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

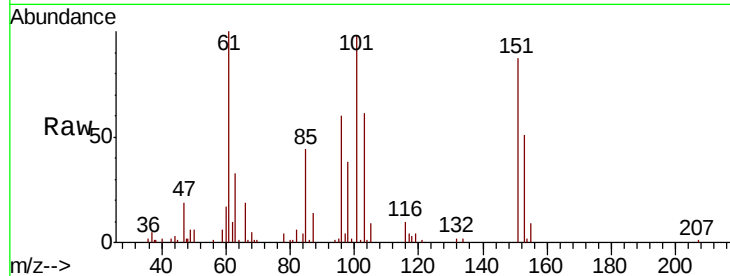
Tgt Ion:101 Resp: 34946

Ion Ratio Lower Upper

101 100

85 47.1 35.5 53.3

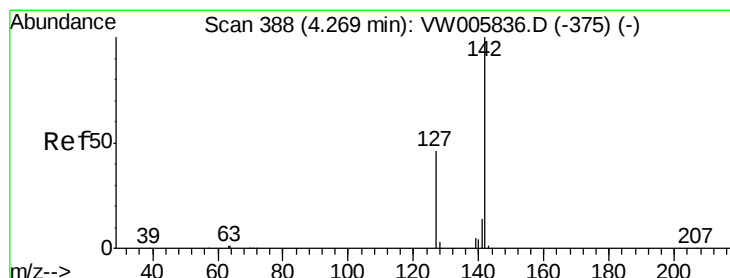
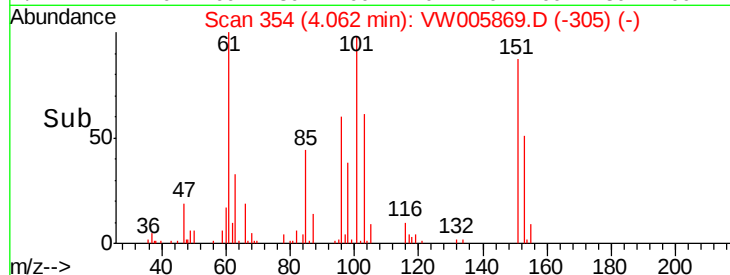
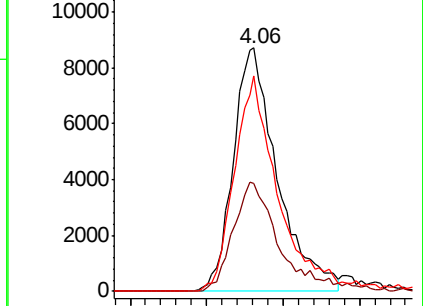
151 86.3 67.4 101.2



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: 19.108 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

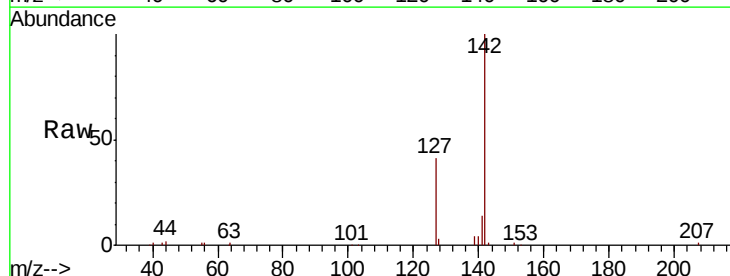
Tgt Ion:142 Resp: 56010

Ion Ratio Lower Upper

142 100

127 45.1 37.4 56.0

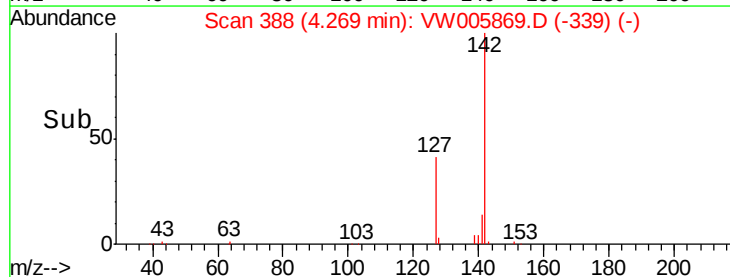
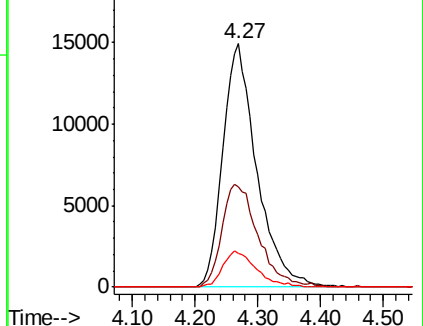
141 14.8 12.2 18.2

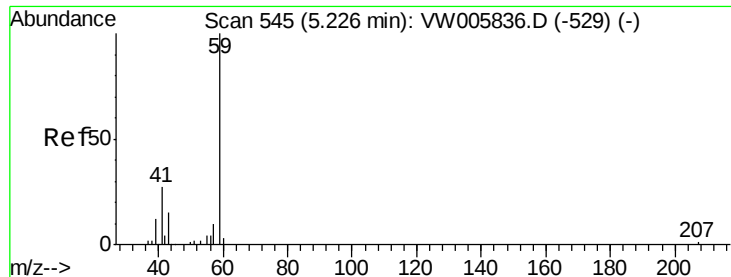


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

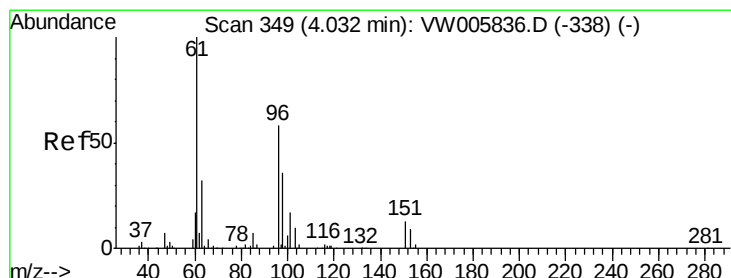
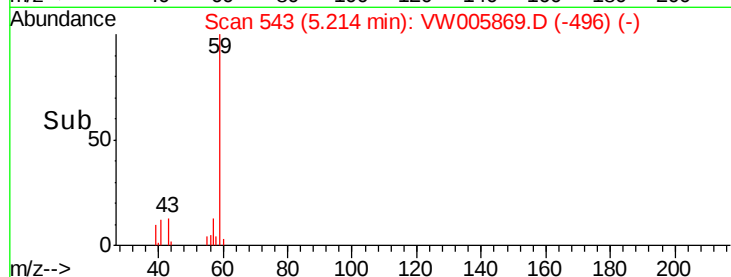
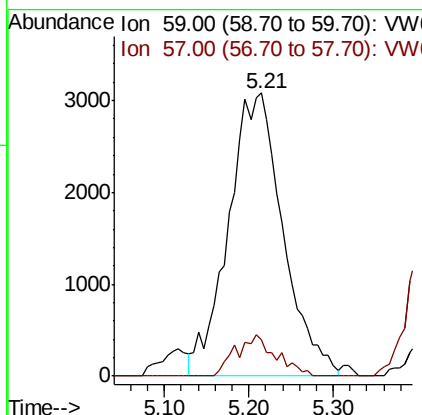
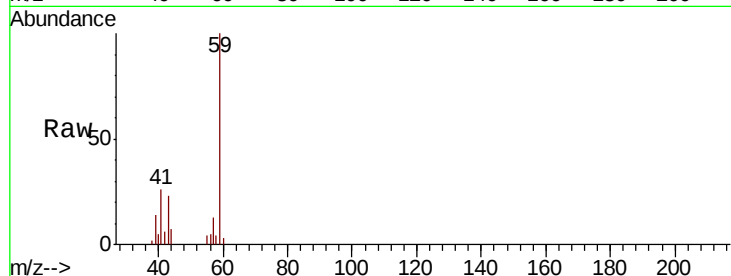




#11
Tert butyl alcohol
Concen: 98.796 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

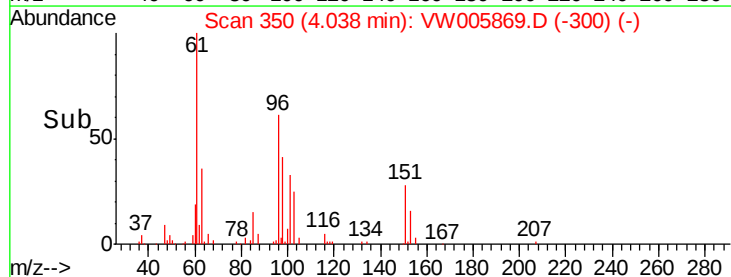
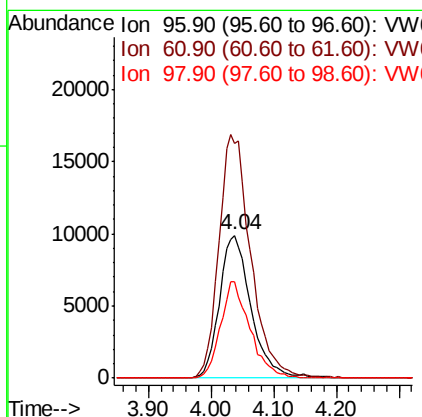
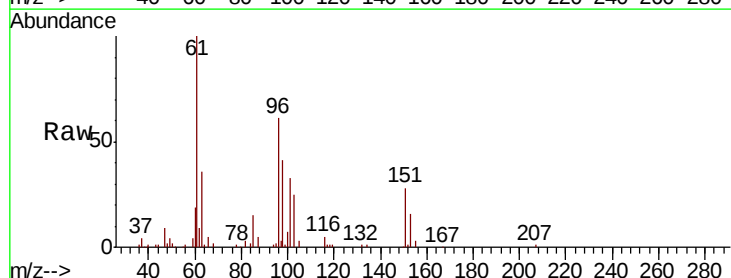
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

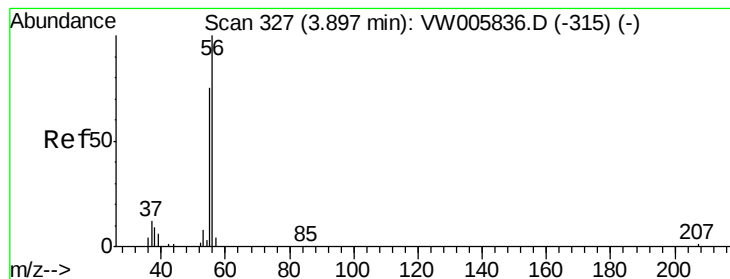
Tgt Ion: 59 Resp: 13659
Ion Ratio Lower Upper
59 100
57 10.6 4.9 7.3#



#12
1,1-Dichloroethene
Concen: 19.469 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 96 Resp: 34461
Ion Ratio Lower Upper
96 100
61 164.7 138.8 208.2
98 67.3 50.6 75.8





#13

Acrolein

Concen: 108.904 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

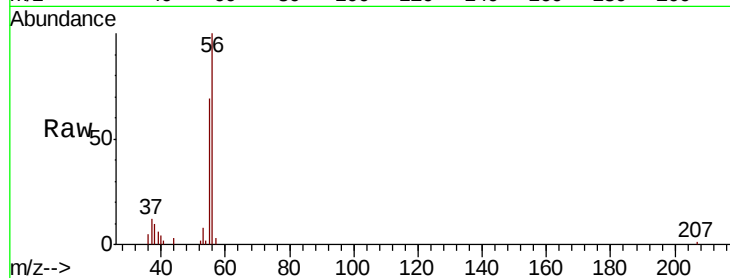
VW1006SBS01

Tgt Ion: 56 Resp: 15128

Ion Ratio Lower Upper

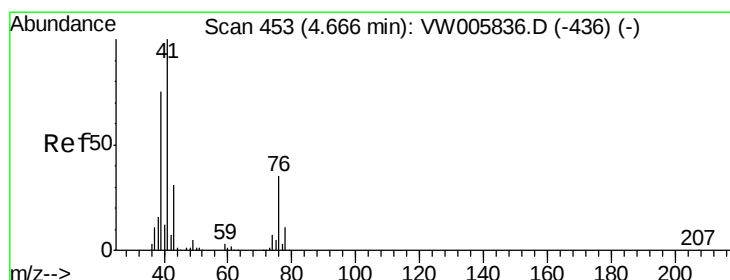
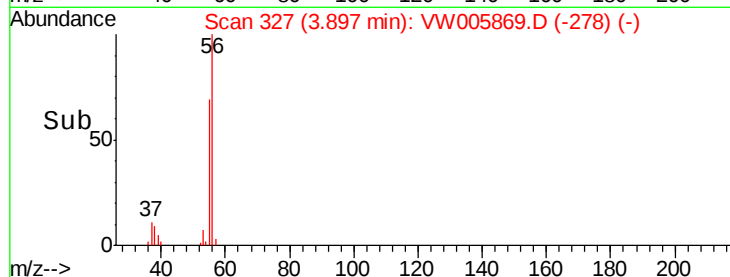
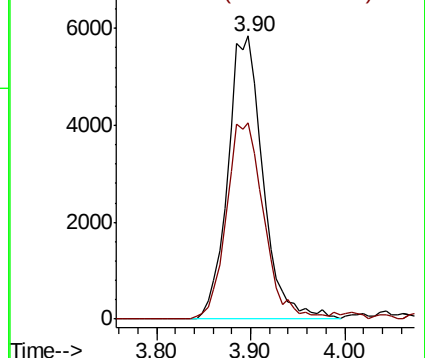
56 100

55 73.7 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.149 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

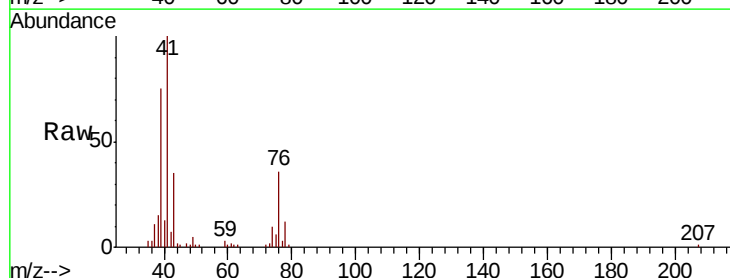
Tgt Ion: 41 Resp: 55008

Ion Ratio Lower Upper

41 100

39 75.5 60.3 90.5

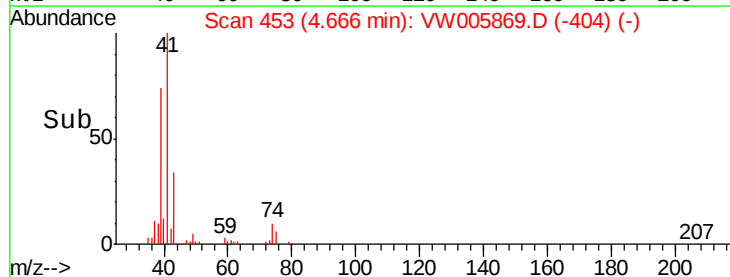
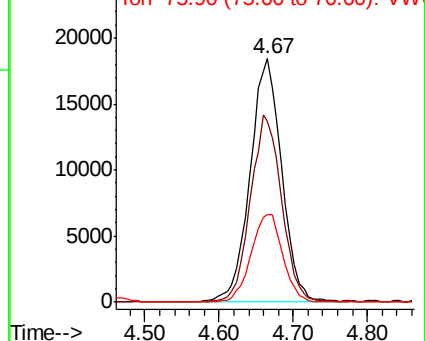
76 36.0 28.9 43.3

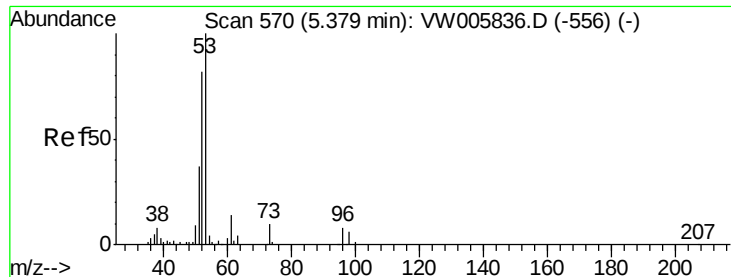


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 105.721 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

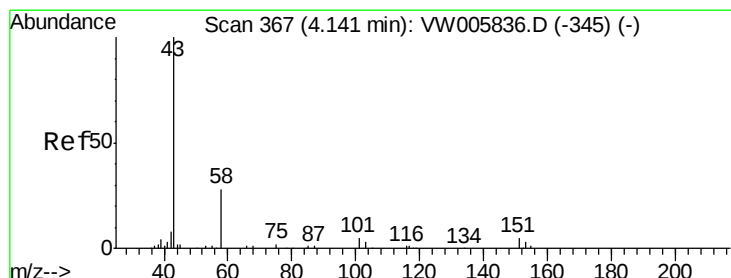
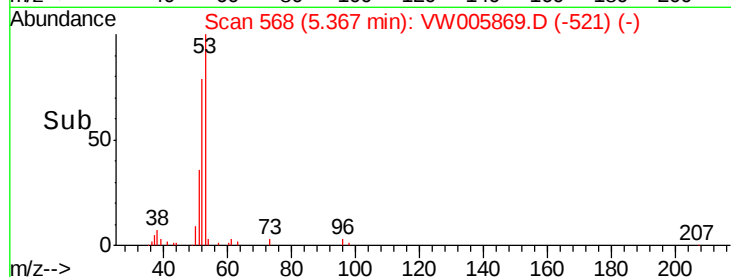
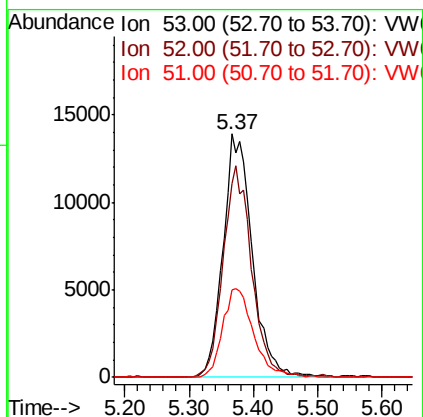
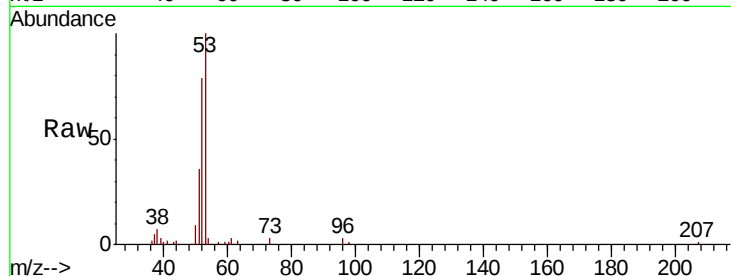
Tgt Ion: 53 Resp: 44373

Ion Ratio Lower Upper

53 100

52 84.7 67.3 100.9

51 38.4 30.2 45.2



#16

Acetone

Concen: 120.948 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005869.D

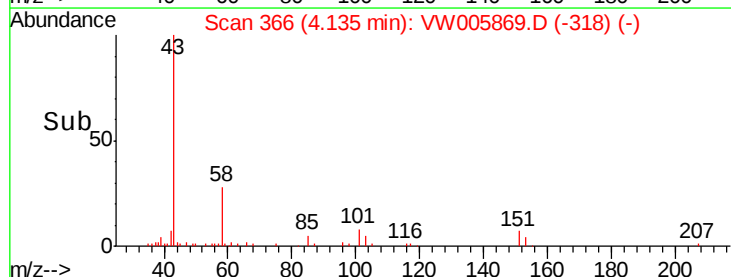
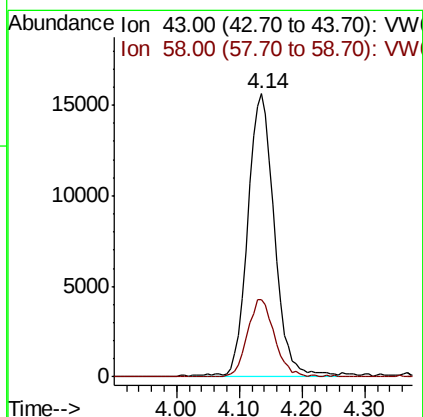
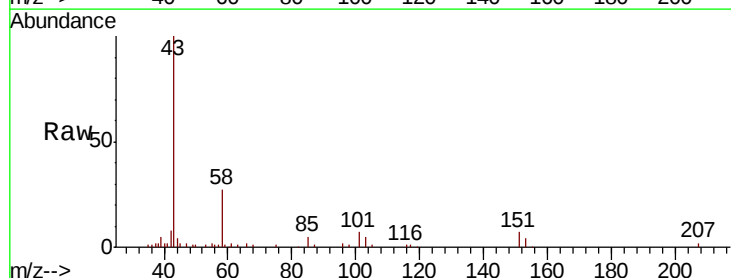
Acq: 05 Oct 2018 00:30

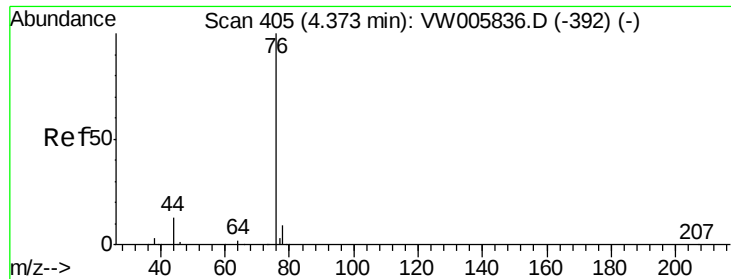
Tgt Ion: 43 Resp: 46151

Ion Ratio Lower Upper

43 100

58 27.4 23.0 34.4

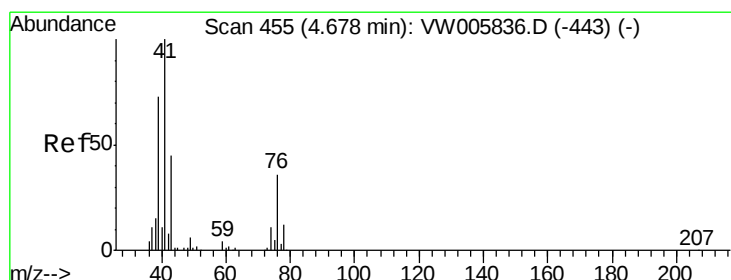
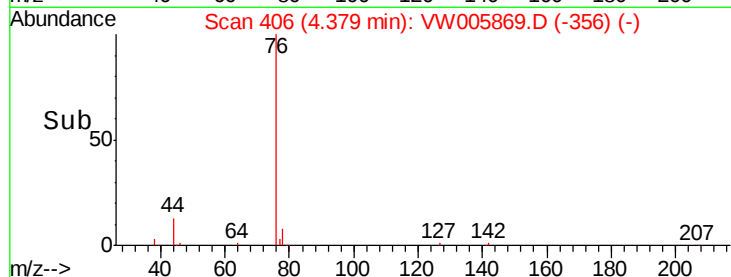
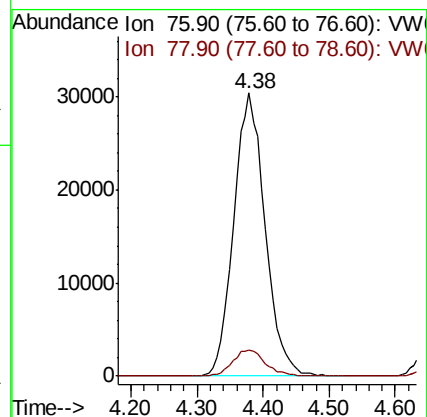
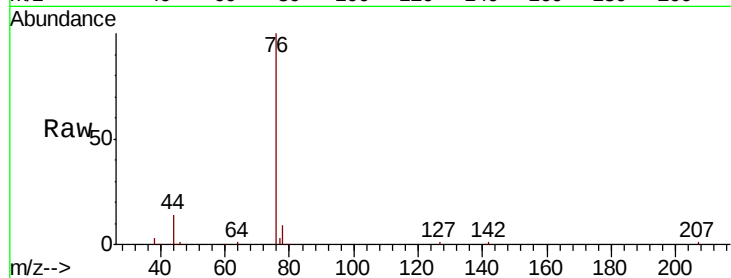




#17
Carbon Disulfide
Concen: 17.790 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

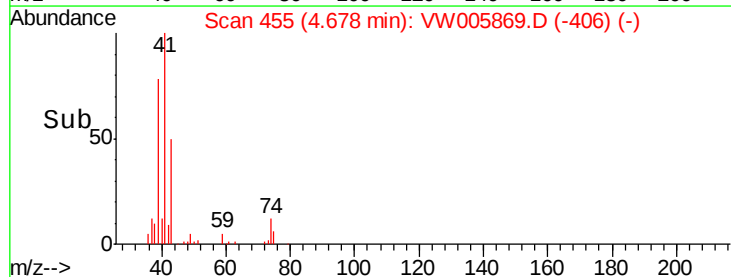
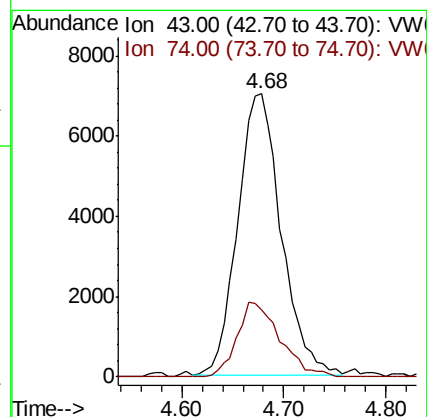
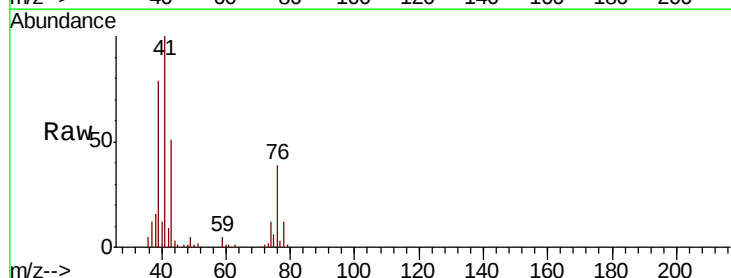
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

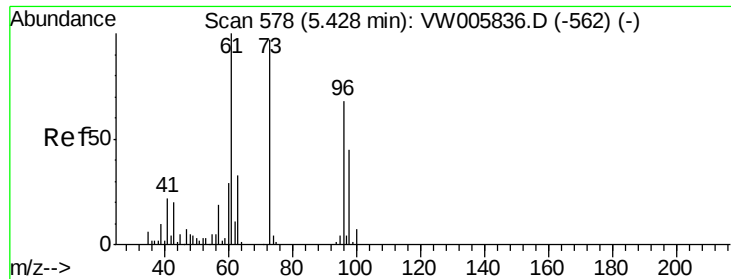
Tgt Ion: 76 Resp: 99565
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 19.033 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 43 Resp: 20655
Ion Ratio Lower Upper
43 100
74 26.5 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 19.984 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

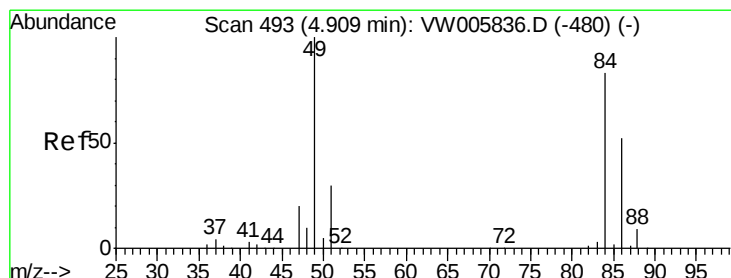
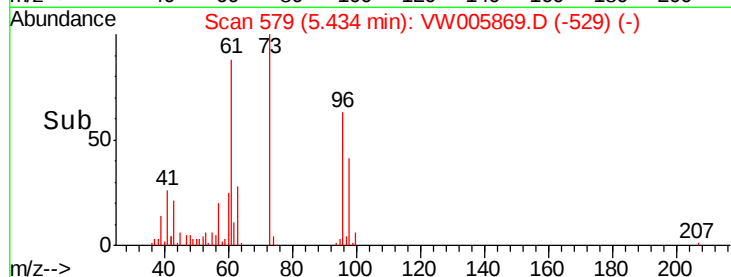
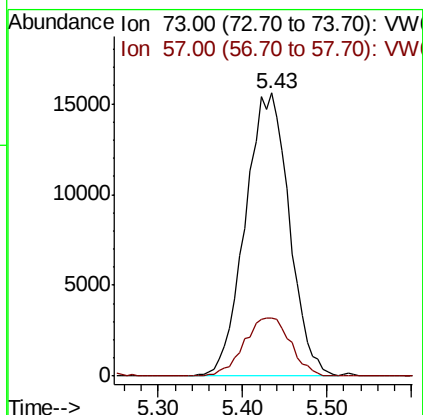
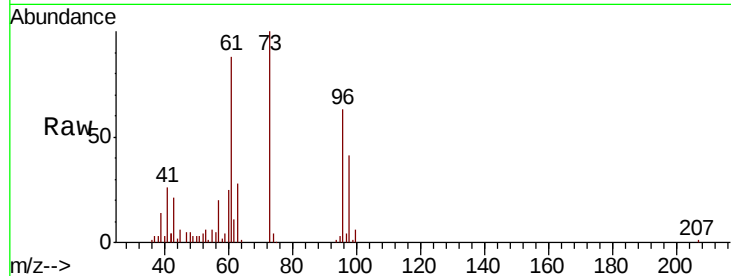
VW1006SBS01

Tgt Ion: 73 Resp: 55530

Ion Ratio Lower Upper

73 100

57 20.4 15.9 23.9



#20

Methylene Chloride

Concen: 16.868 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion: 84 Resp: 45847

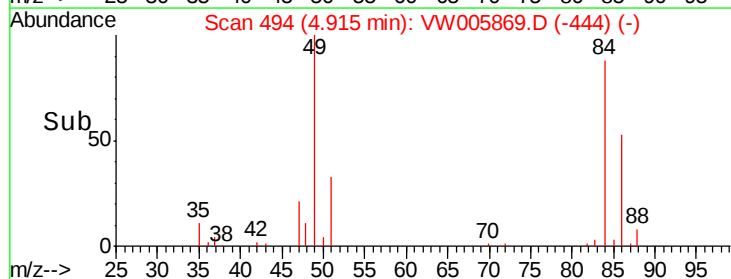
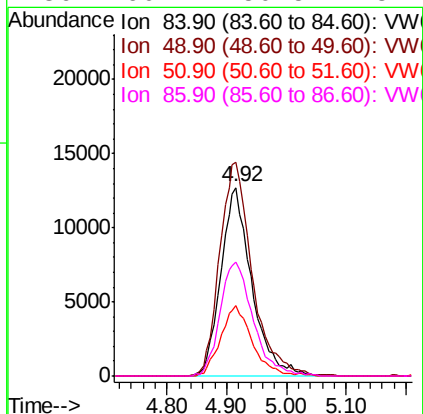
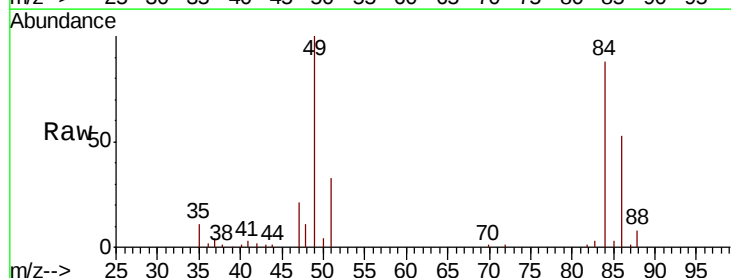
Ion Ratio Lower Upper

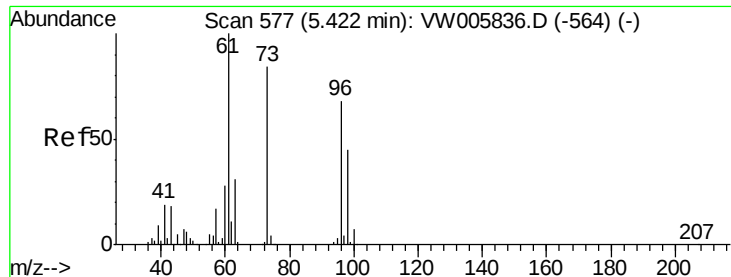
84 100

49 113.3 96.8 145.2

51 37.6 28.8 43.2

86 60.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.528 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

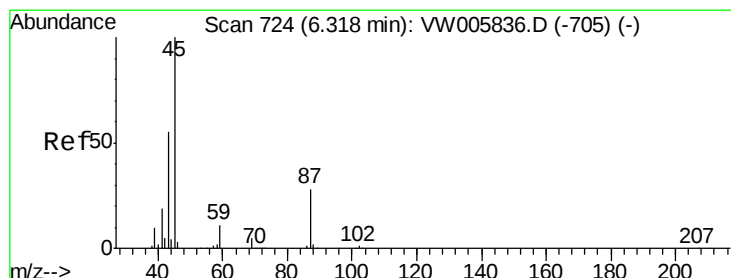
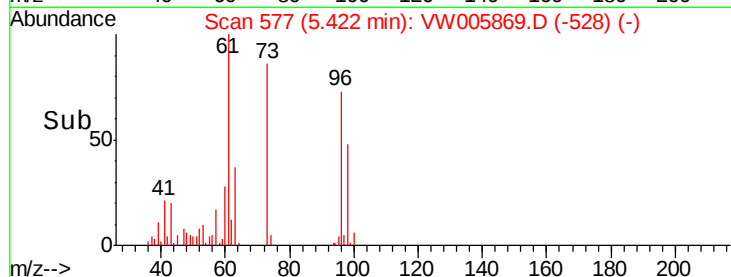
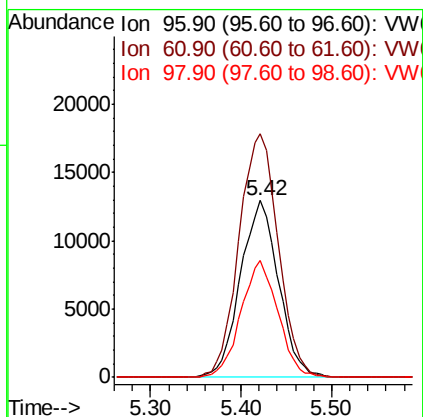
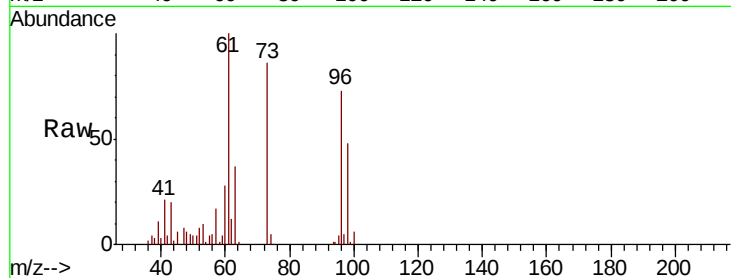
Tgt Ion: 96 Resp: 37728

Ion Ratio Lower Upper

96 100

61 137.7 117.0 175.6

98 65.8 52.2 78.2



#22

Diisopropyl ether

Concen: 18.526 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion: 45 Resp: 104444

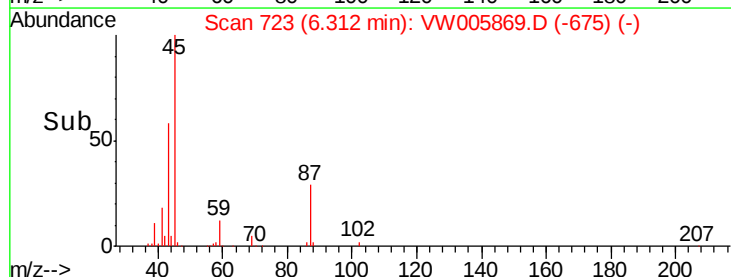
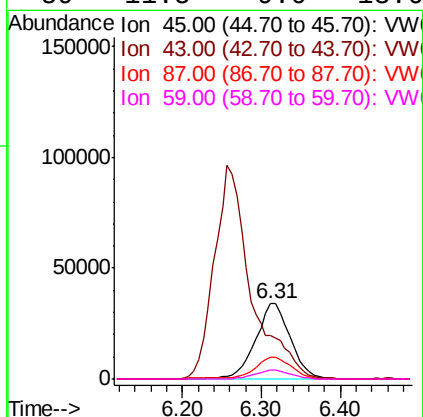
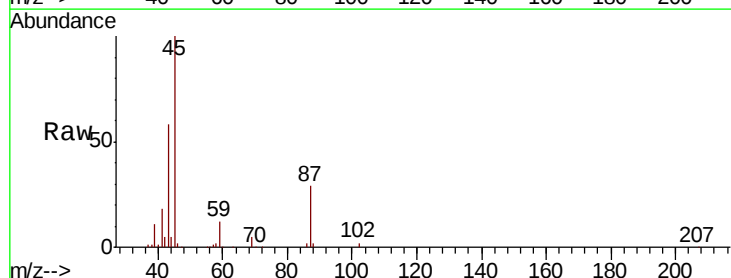
Ion Ratio Lower Upper

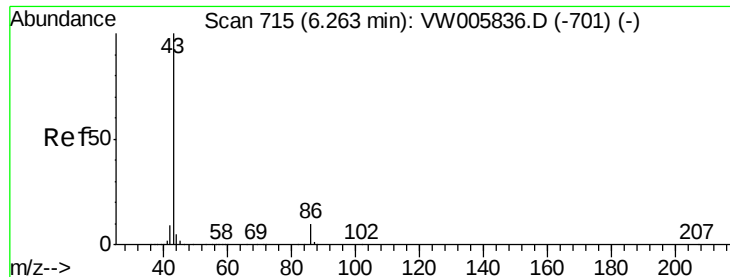
45 100

43 57.5 44.6 67.0

87 29.4 23.4 35.2

59 11.5 9.0 13.6





#23

Vinyl Acetate

Concen: 97.799 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampled :

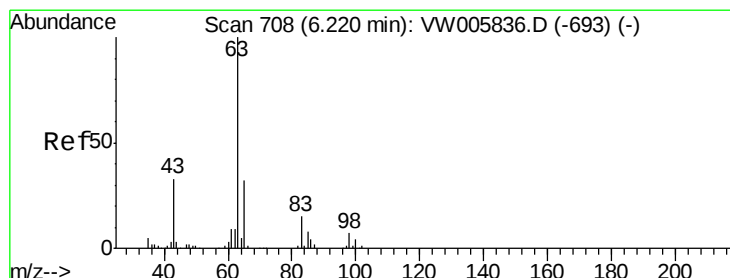
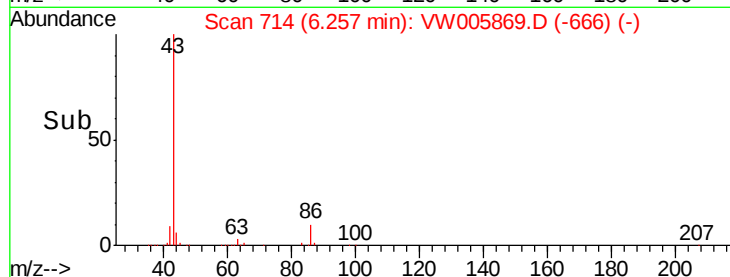
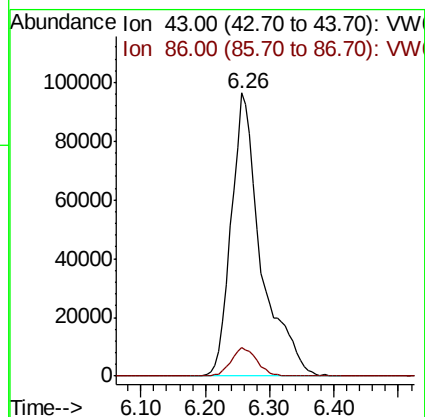
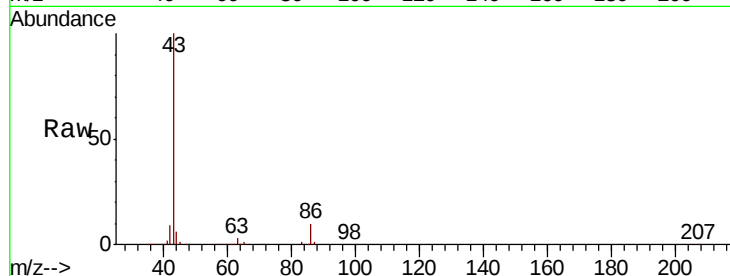
VW1006SBS01

Tgt Ion: 43 Resp: 313202

Ion Ratio Lower Upper

43 100

86 10.3 8.1 12.1



#24

1,1-Dichloroethane

Concen: 19.147 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

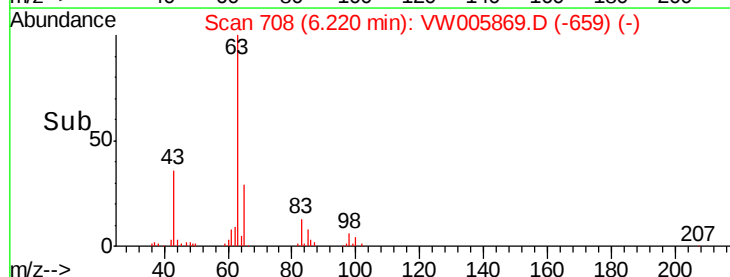
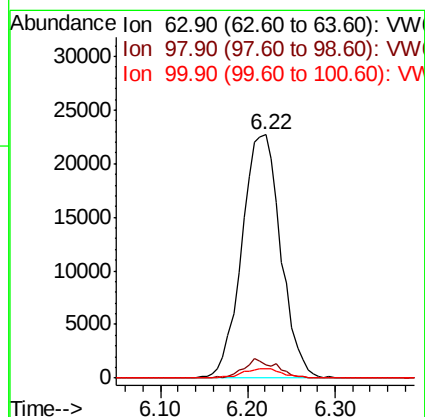
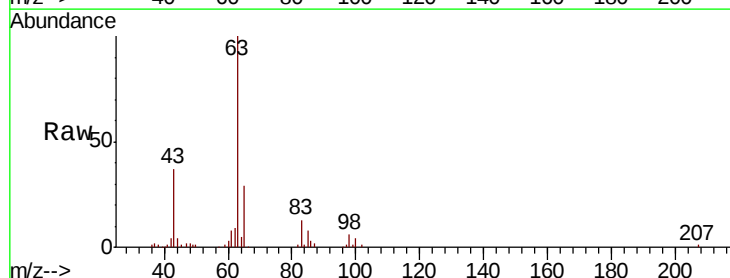
Tgt Ion: 63 Resp: 70041

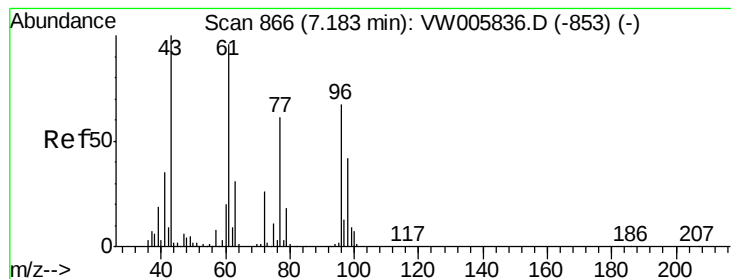
Ion Ratio Lower Upper

63 100

98 5.7 3.5 10.5

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 108.331 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

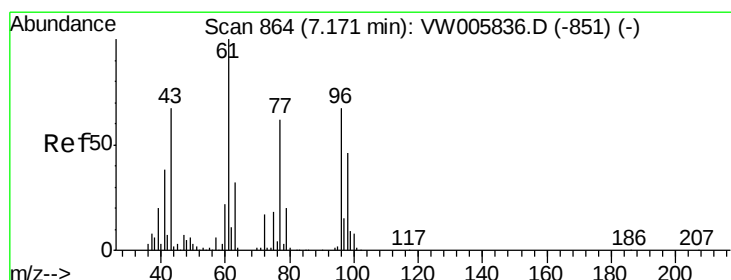
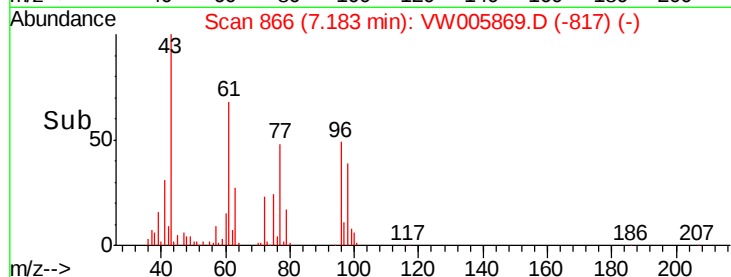
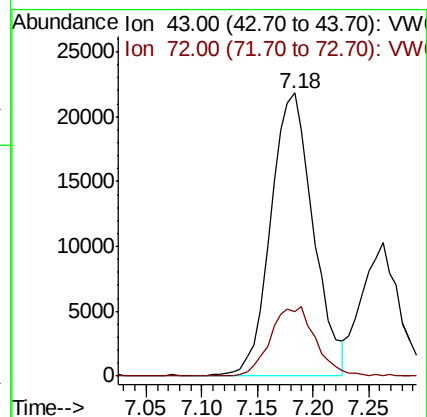
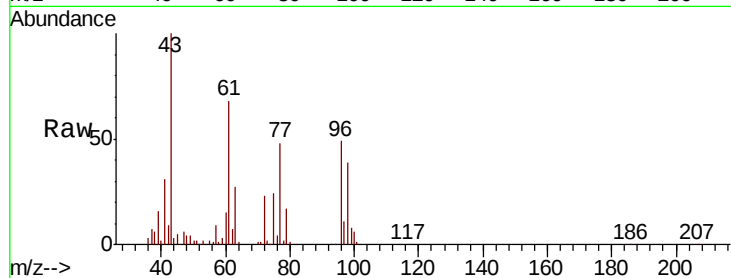
VW1006SBS01

Tgt Ion: 43 Resp: 58148

Ion Ratio Lower Upper

43 100

72 22.9 20.9 31.3



#26

2,2-Dichloropropane

Concen: 19.329 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005869.D

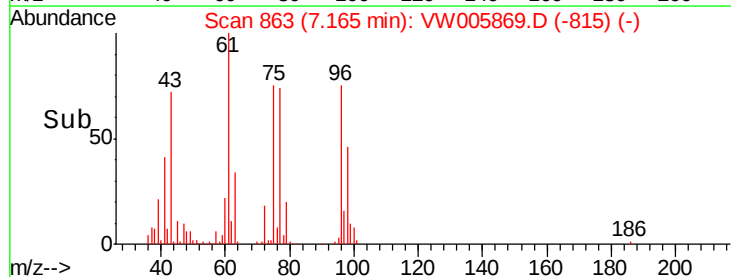
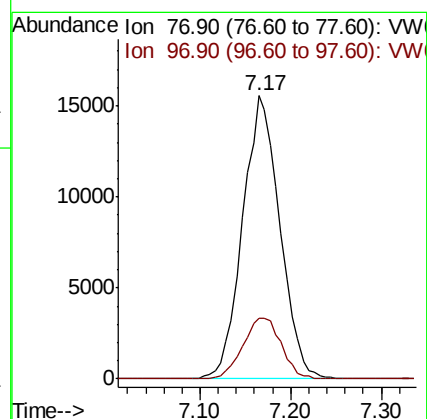
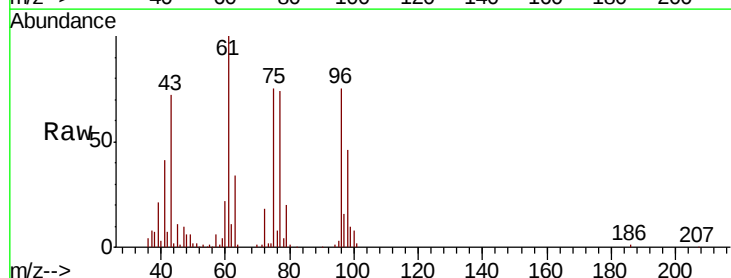
Acq: 05 Oct 2018 00:30

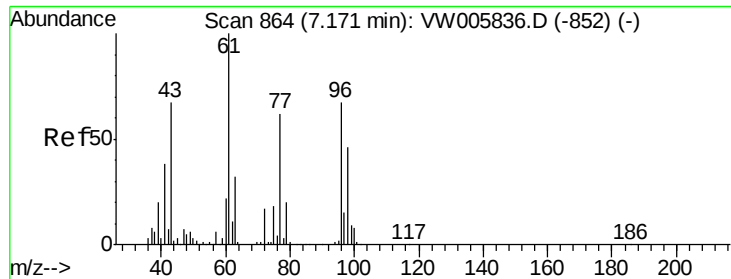
Tgt Ion: 77 Resp: 44150

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.0



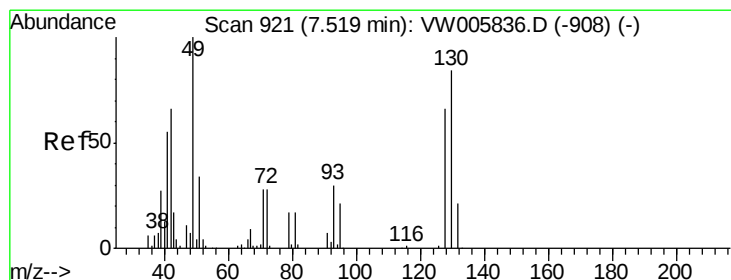
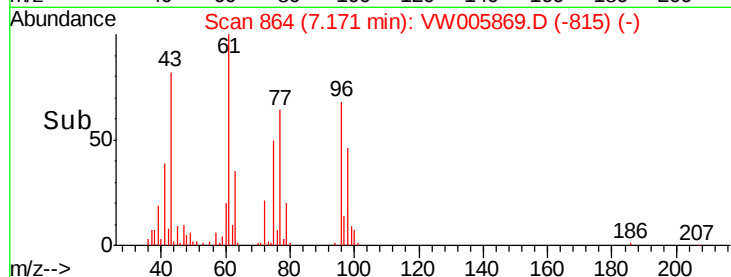
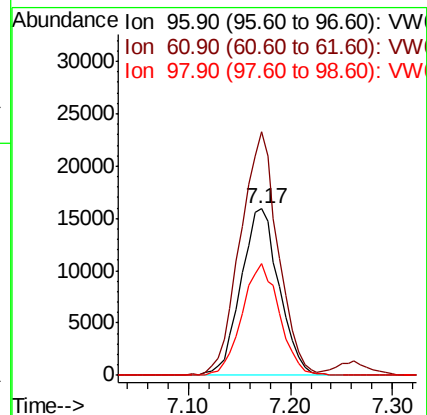
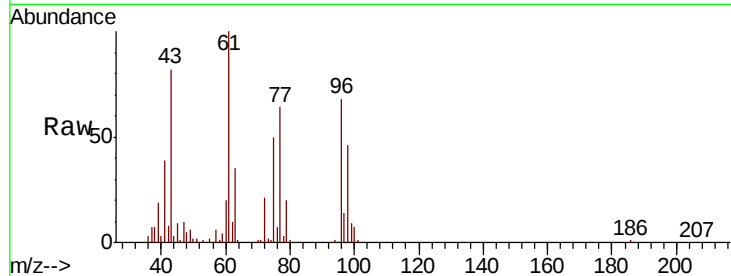


#27

cis-1,2-Dichloroethene
Concen: 19.219 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

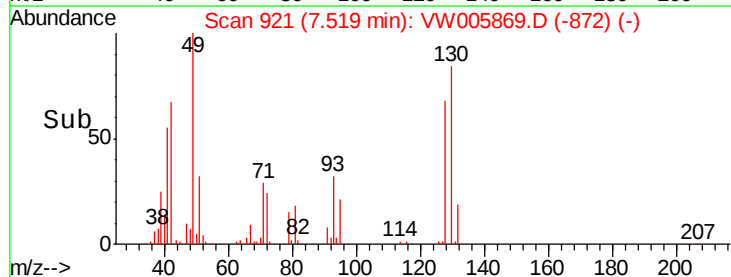
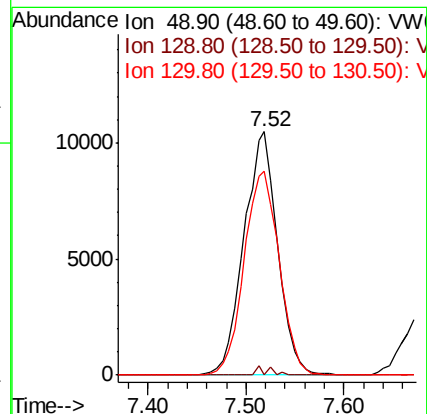
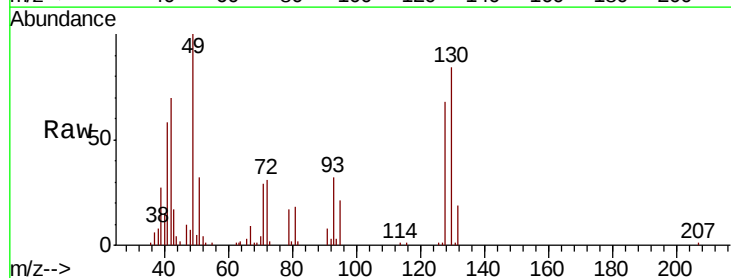
Tgt Ion: 96 Resp: 41387
Ion Ratio Lower Upper
96 100
61 144.6 0.0 296.4
98 65.3 0.0 131.4

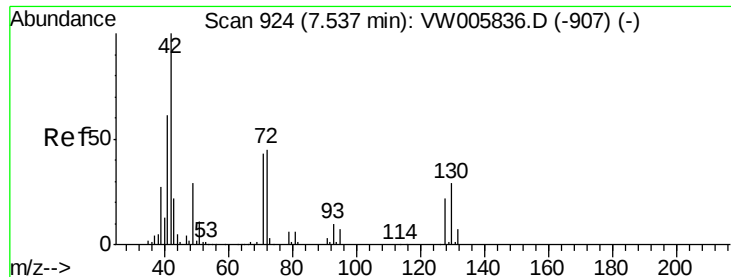


#28

Bromochloromethane
Concen: 19.344 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 49 Resp: 24994
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.2
130 87.2 66.4 99.6

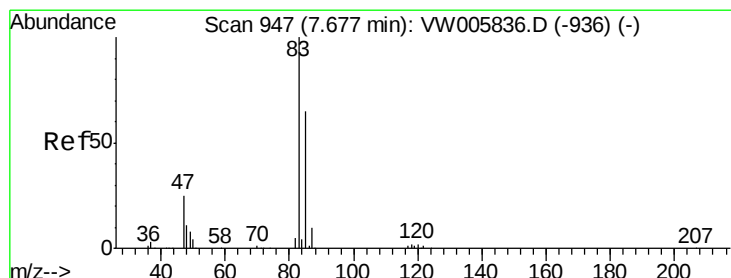
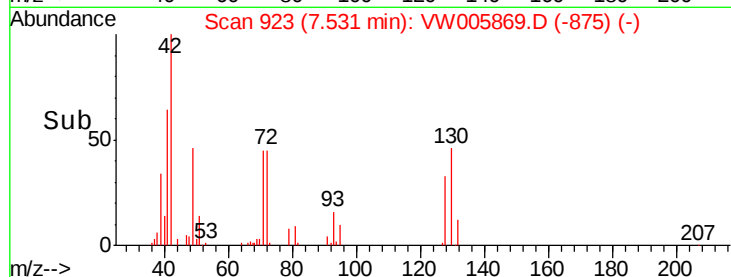
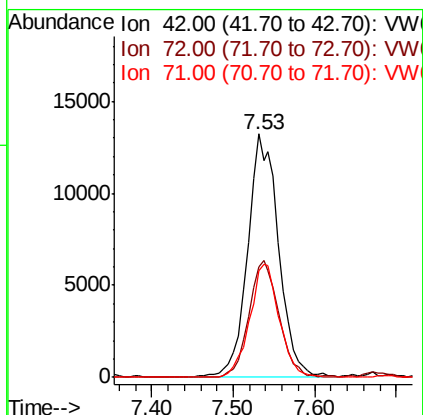
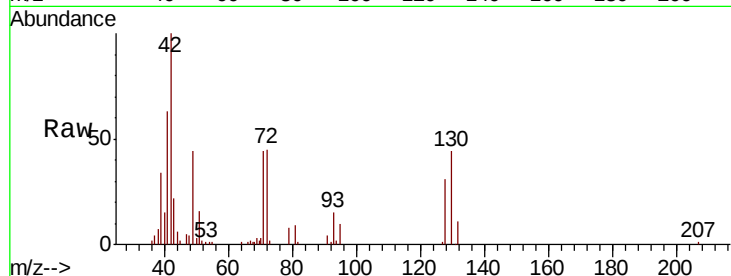




#29
Tetrahydrofuran
Concen: 105.650 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

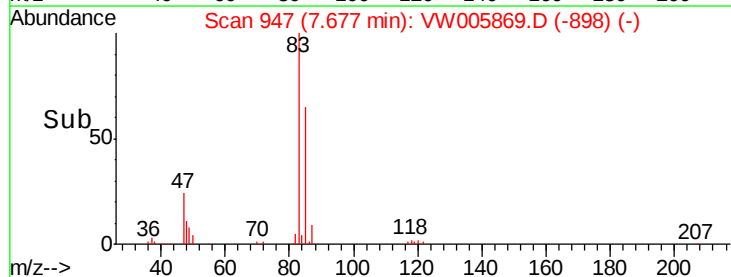
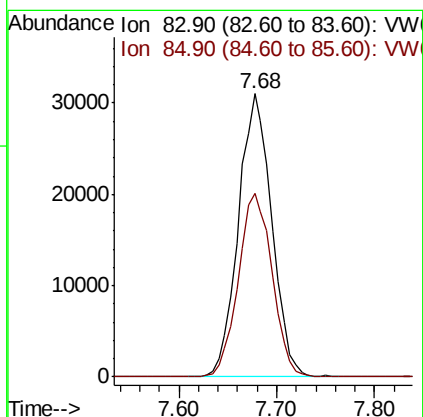
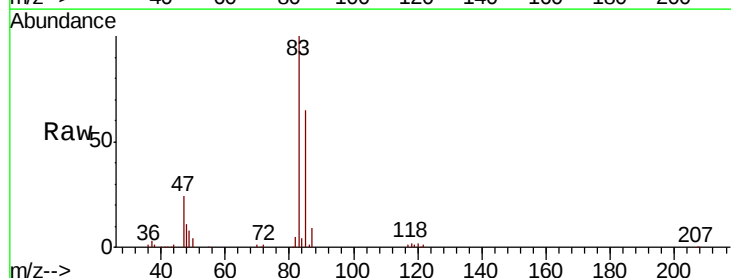
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

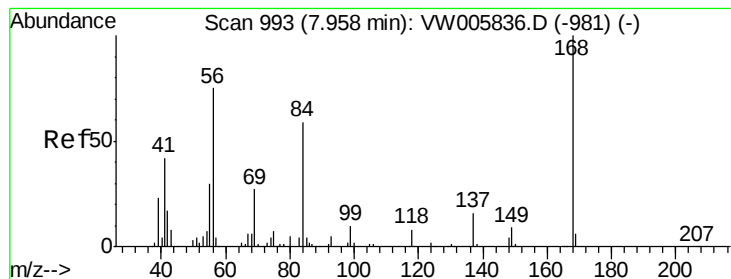
Tgt Ion: 42 Resp: 35008
Ion Ratio Lower Upper
42 100
72 46.4 34.6 51.8
71 44.2 33.6 50.4



#30
Chloroform
Concen: 18.703 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 83 Resp: 73321
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4





#31

Cyclohexane

Concen: 18.543 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

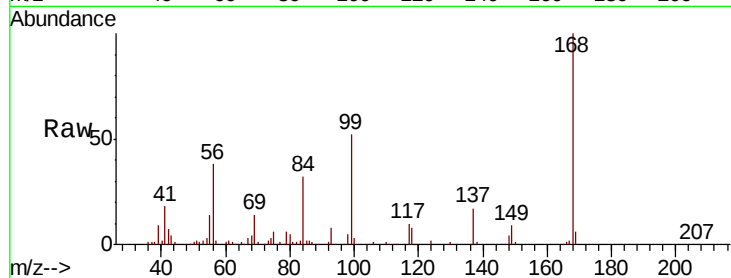
Tgt Ion: 56 Resp: 57988

Ion Ratio Lower Upper

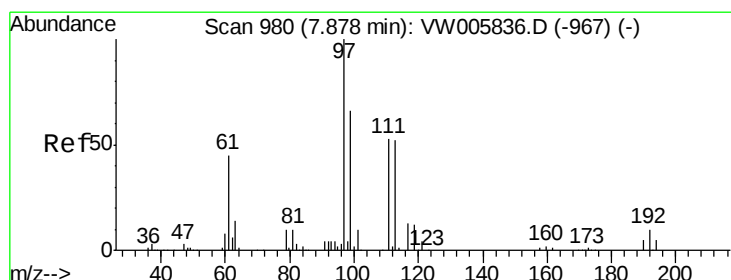
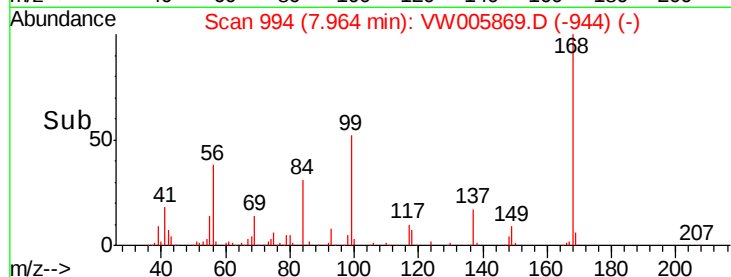
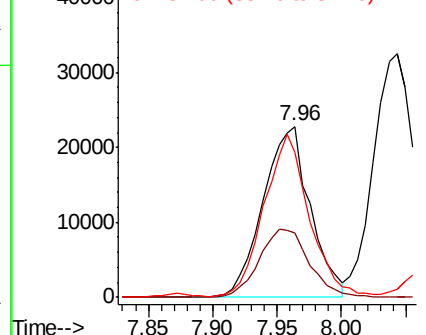
56 100

69 37.9 29.0 43.4

84 83.8 63.5 95.3



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



#32

1,1,1-Trichloroethane

Concen: 18.745 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

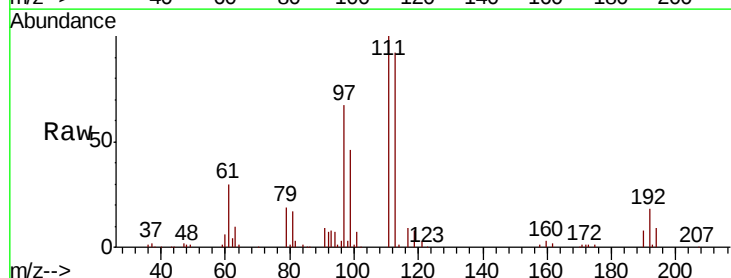
Tgt Ion: 97 Resp: 62720

Ion Ratio Lower Upper

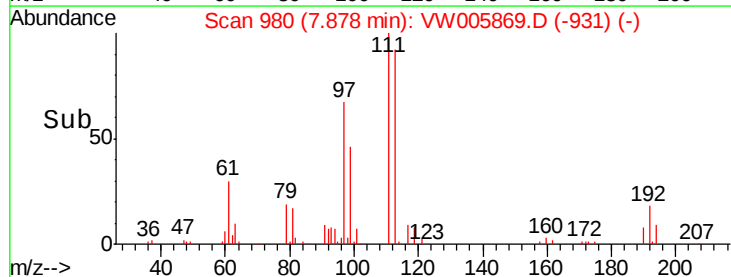
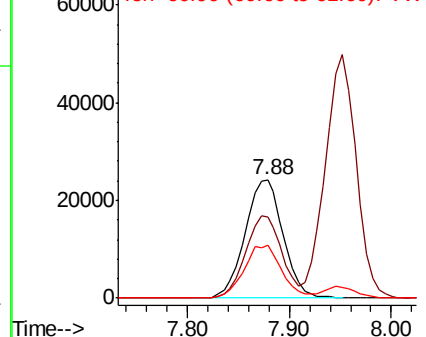
97 100

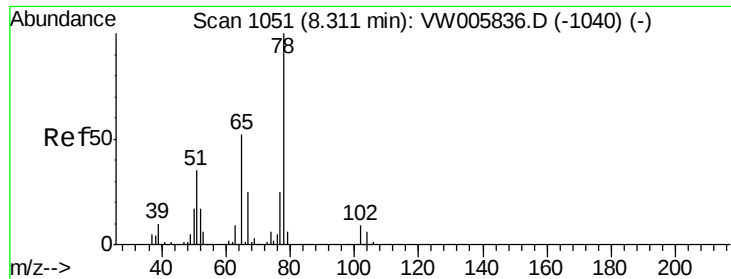
99 66.1 51.2 76.8

61 44.3 35.5 53.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

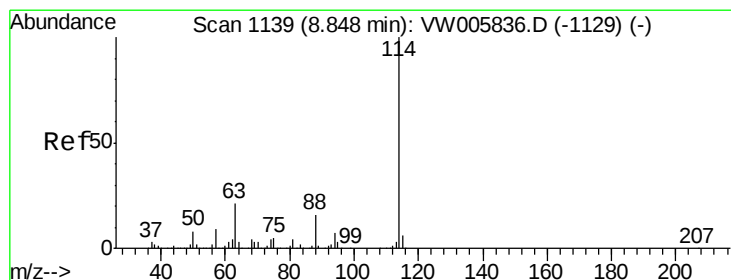
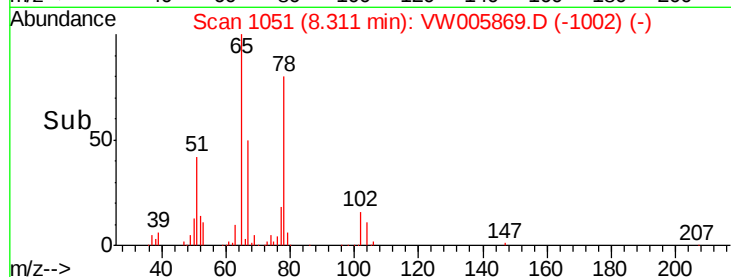
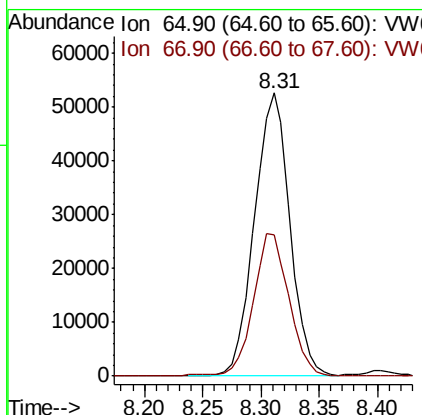
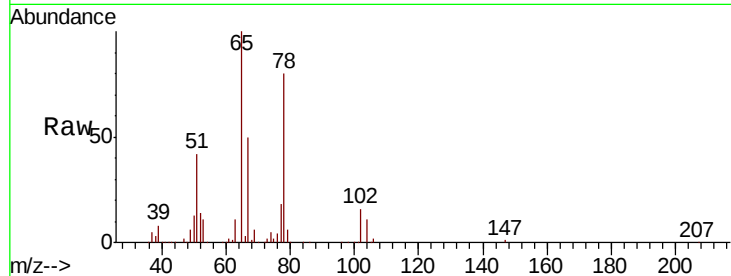




#33
 1,2-Dichloroethane-d4
 Concen: 48.684 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

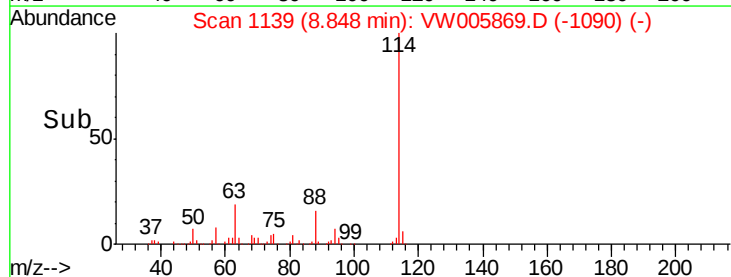
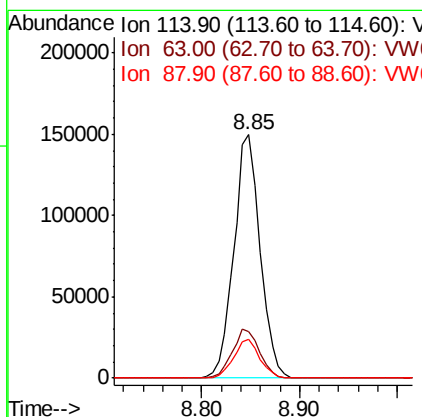
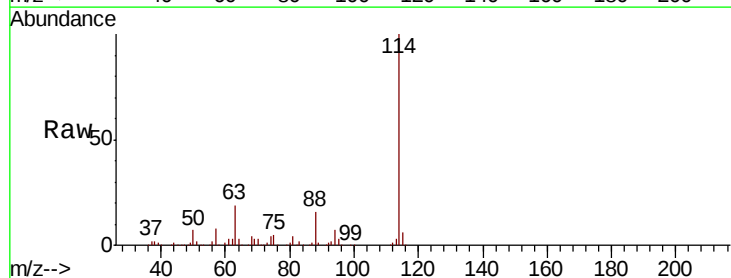
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

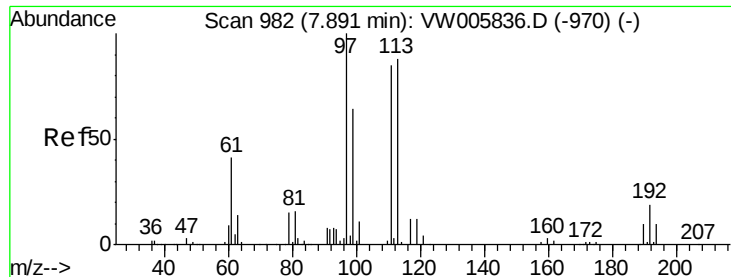
Tgt Ion: 65 Resp: 111314
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 114 Resp: 278216
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.0
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.503 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

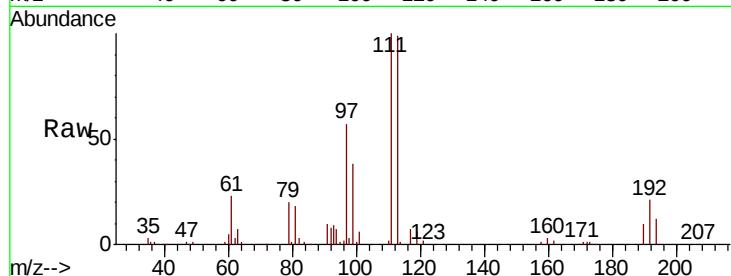
Tgt Ion:113 Resp: 90271

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.2

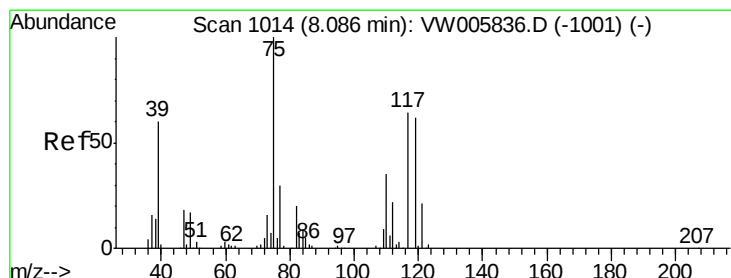
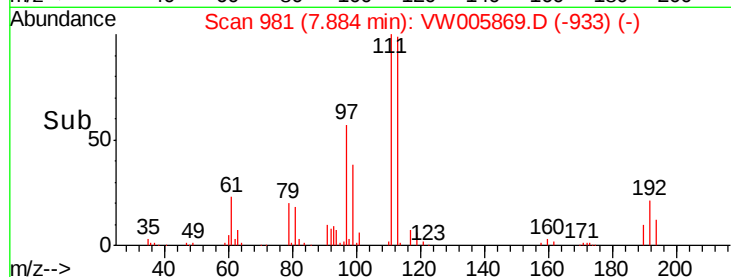
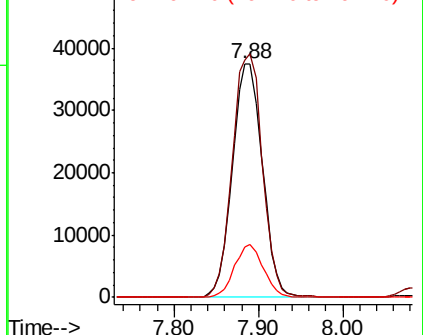
192 21.6 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.098 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

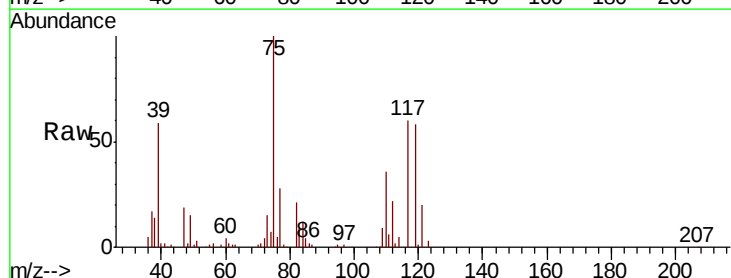
Tgt Ion: 75 Resp: 52816

Ion Ratio Lower Upper

75 100

110 34.5 17.5 52.6

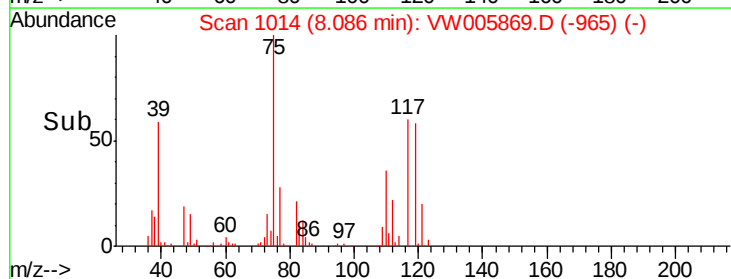
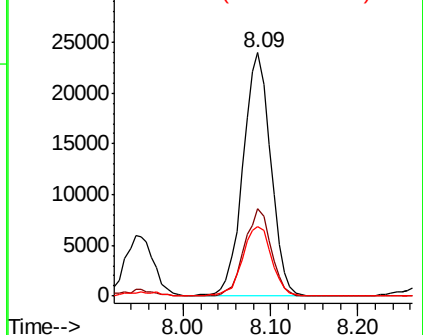
77 30.1 24.8 37.2

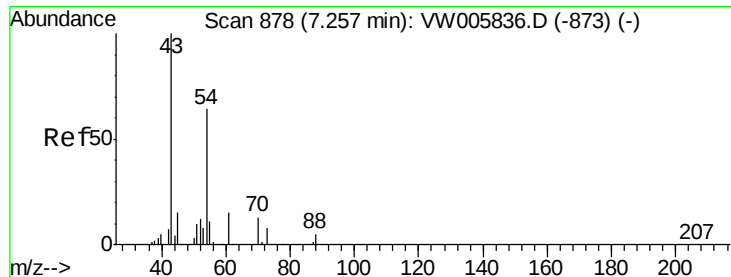


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

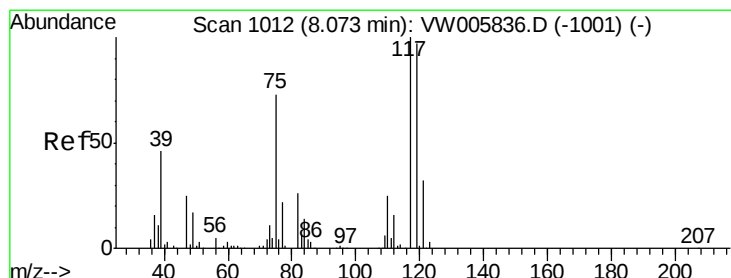
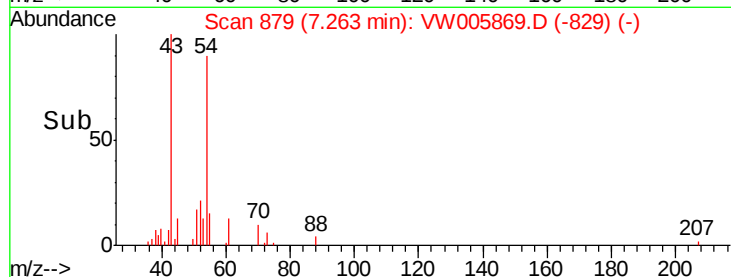
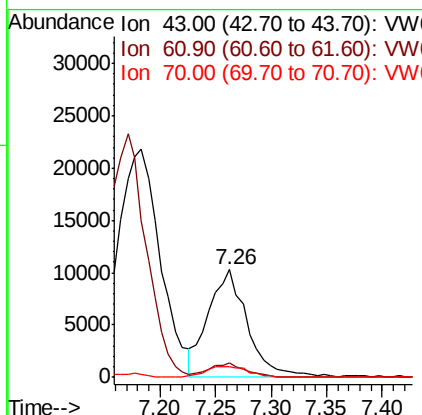
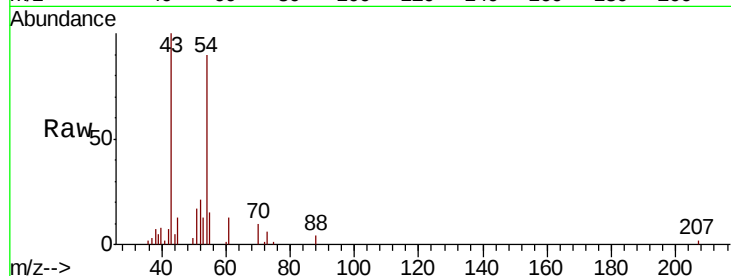




#37
Ethyl Acetate
Concen: 21.677 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

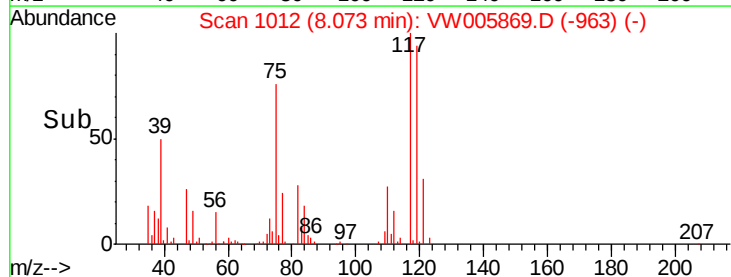
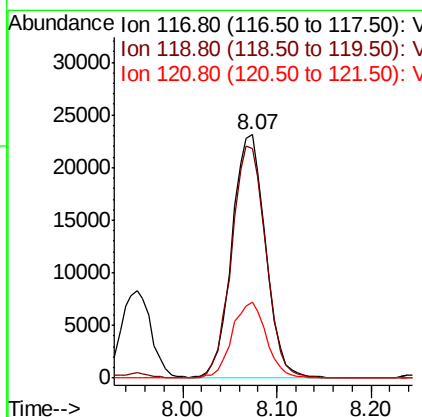
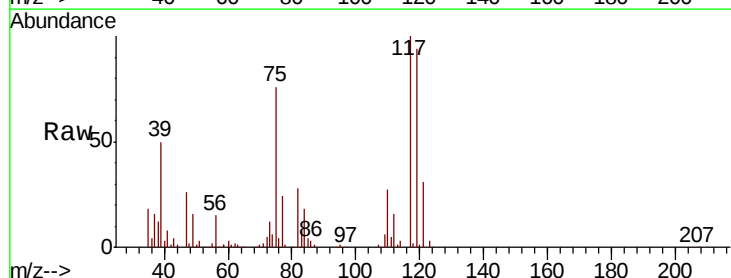
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

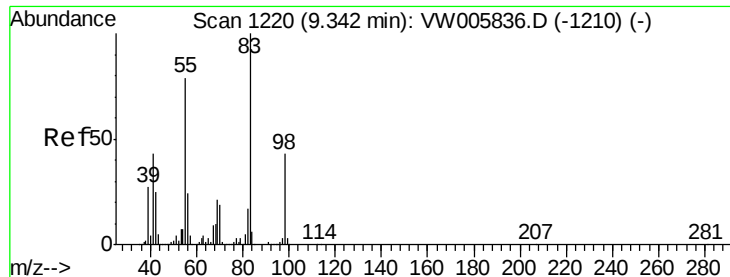
Tgt Ion: 43 Resp: 24949
Ion Ratio Lower Upper
43 100
61 12.6 11.2 16.8
70 11.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 18.713 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 117 Resp: 57663
Ion Ratio Lower Upper
117 100
119 94.3 77.9 116.9
121 31.0 25.2 37.8

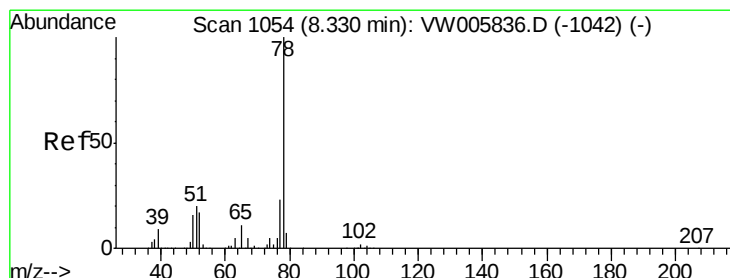
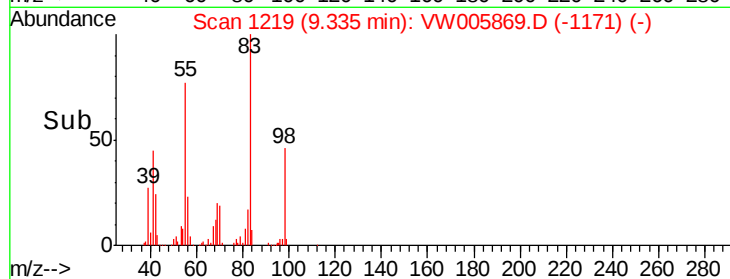
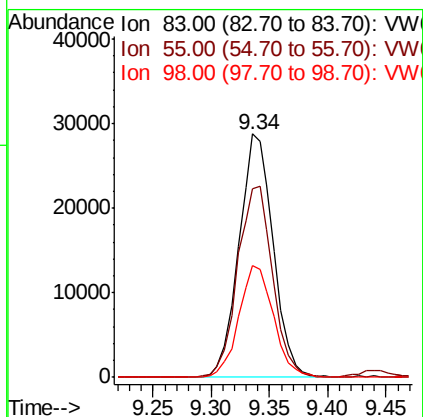
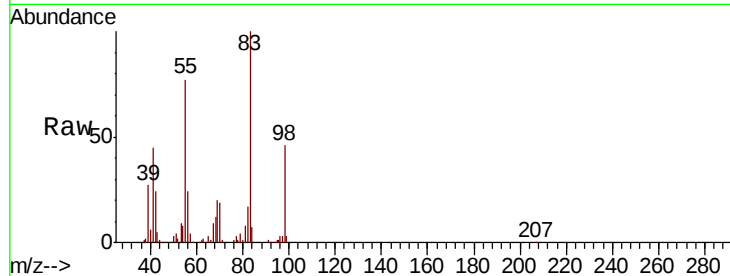




#39
Methylcyclohexane
Concen: 18.903 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

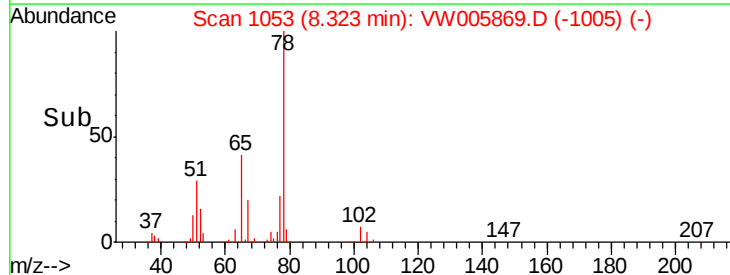
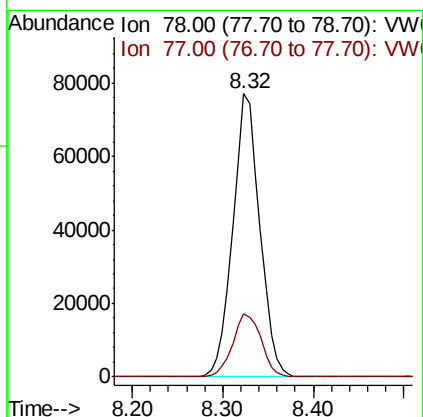
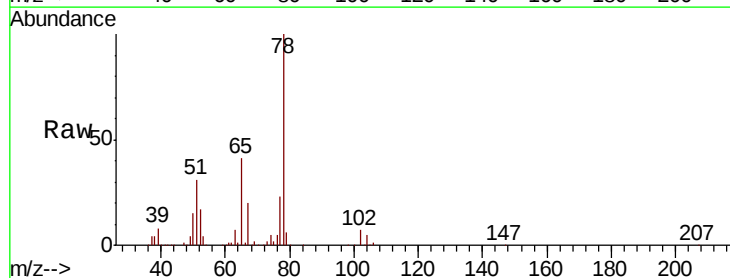
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

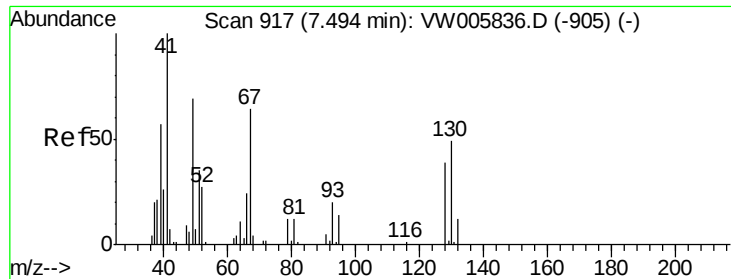
Tgt Ion: 83 Resp: 58851
Ion Ratio Lower Upper
83 100
55 77.3 63.0 94.4
98 45.7 34.5 51.7



#40
Benzene
Concen: 19.811 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 78 Resp: 158782
Ion Ratio Lower Upper
78 100
77 22.5 18.6 28.0

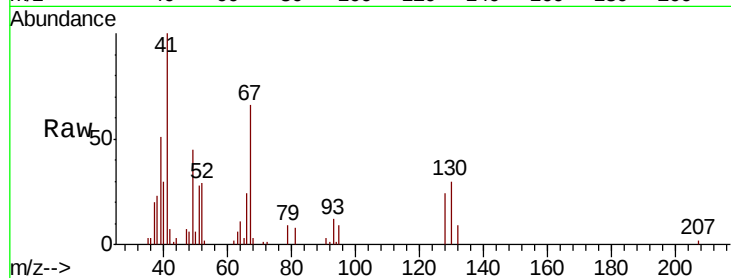




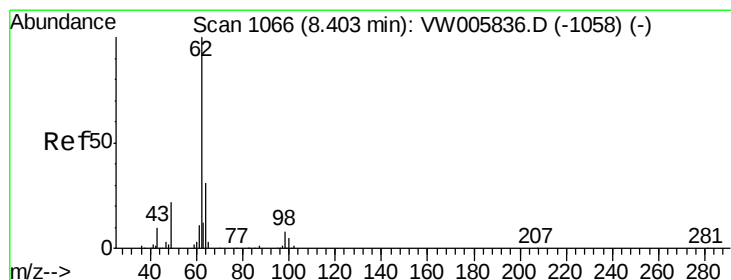
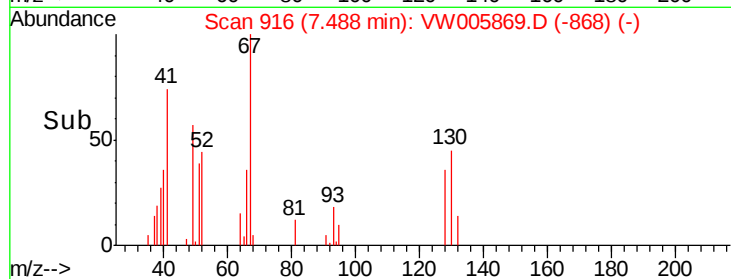
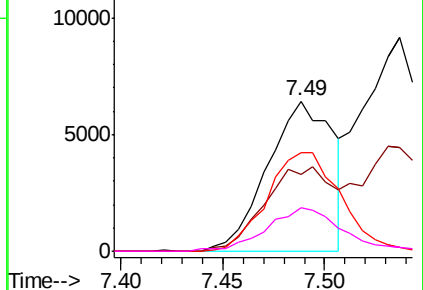
#41
Methacrylonitrile
Concen: 20.863 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tgt Ion:	41	Resp:	14349
Ion	Ratio	Lower	Upper
41	100		
39	58.8	45.6	68.4
67	74.1	53.6	80.4
52	33.6	23.9	35.9

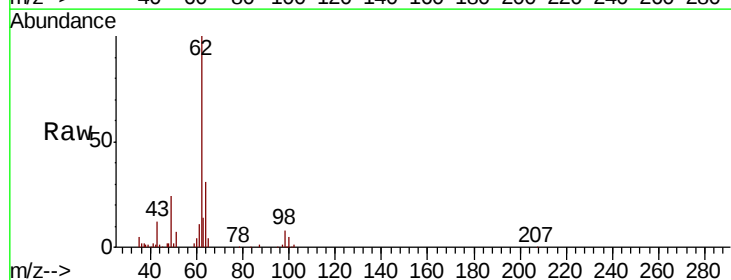


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

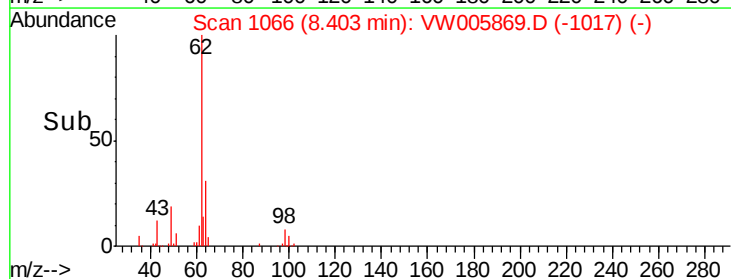
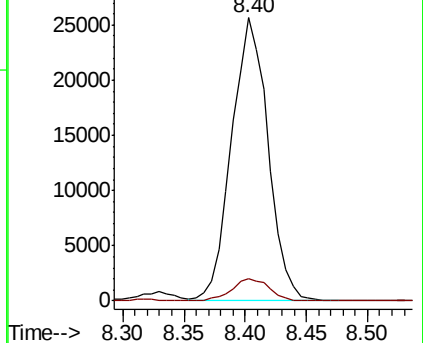


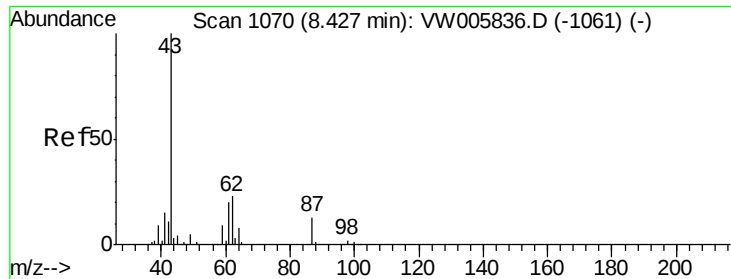
#42
1,2-Dichloroethane
Concen: 19.672 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion:	62	Resp:	53030
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2



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

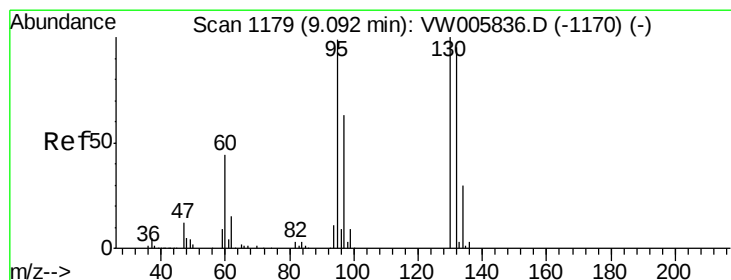
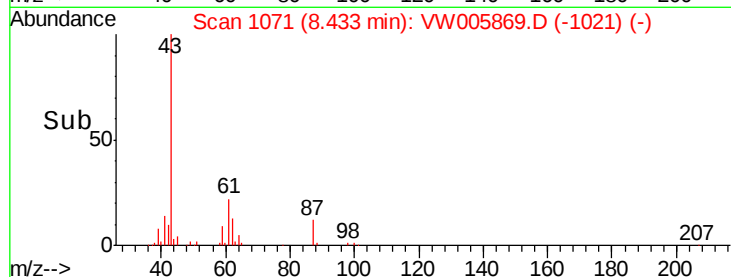
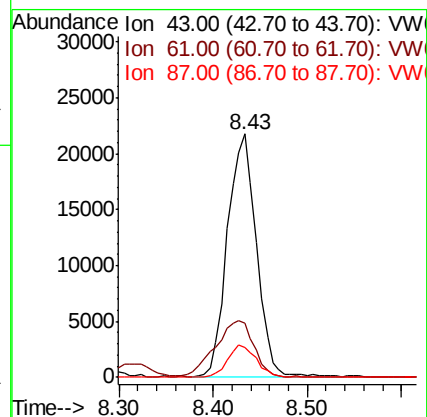
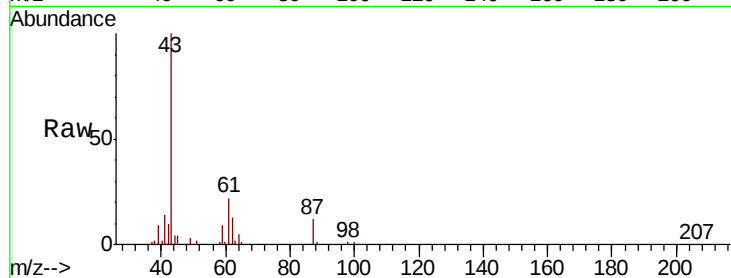




#43
Isopropyl Acetate
Concen: 20.532 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

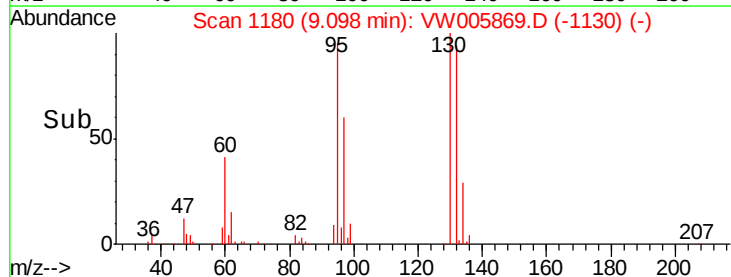
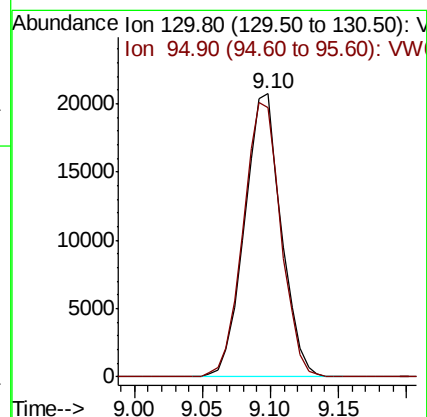
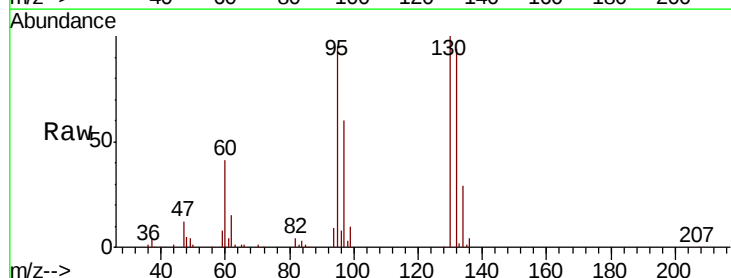
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

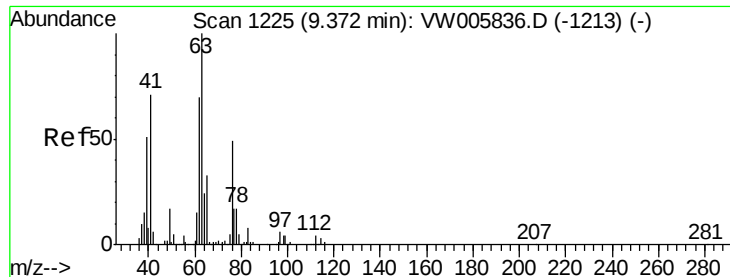
Tgt Ion: 43 Resp: 46711
Ion Ratio Lower Upper
43 100
61 31.0 24.1 36.1
87 12.9 10.6 16.0



#44
Trichloroethene
Concen: 18.505 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 130 Resp: 39200
Ion Ratio Lower Upper
130 100
95 95.1 0.0 197.6

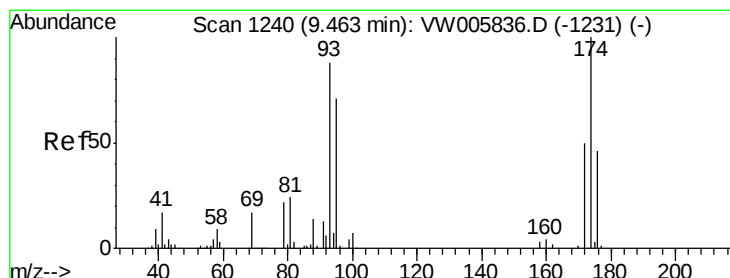
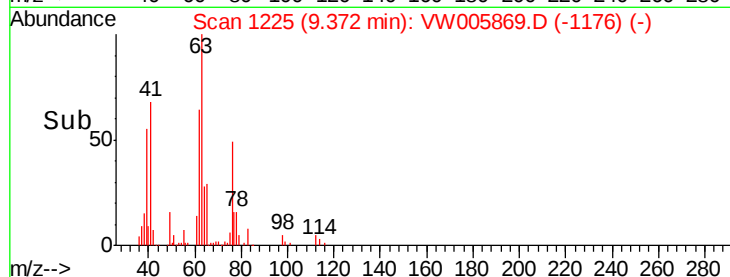
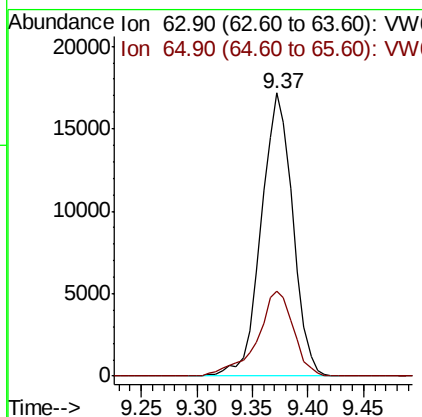
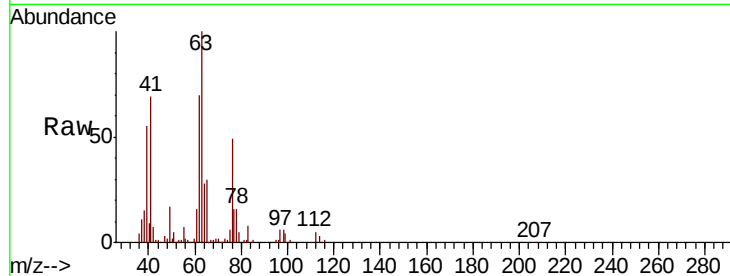




#45
 1,2-Dichloropropane
 Concen: 17.882 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

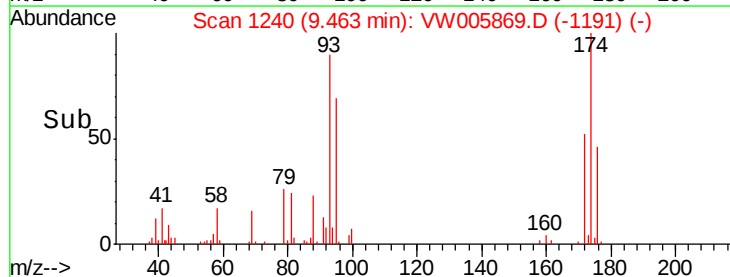
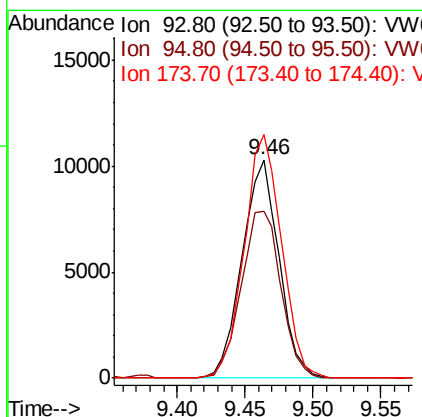
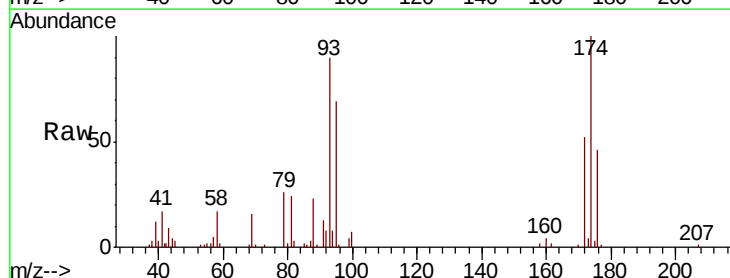
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

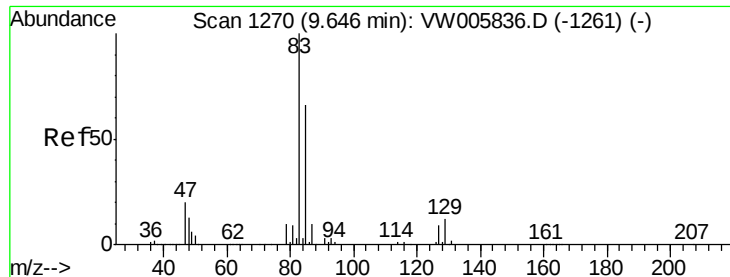
Tgt Ion: 63 Resp: 33938
 Ion Ratio Lower Upper
 63 100
 65 29.9 26.1 39.1



#46
 Dibromomethane
 Concen: 18.821 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 93 Resp: 19536
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.9 98.9
 174 112.8 88.4 132.6

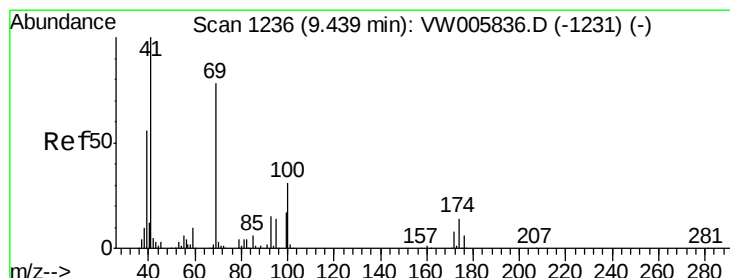
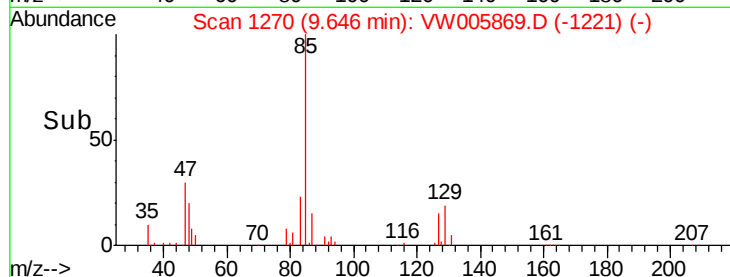
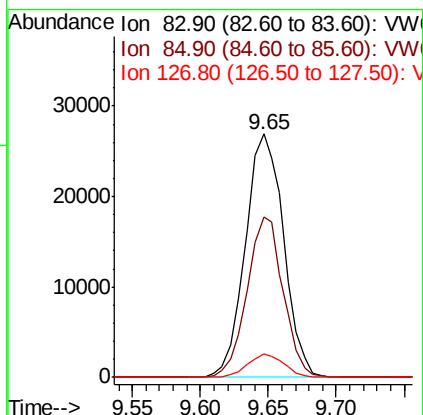
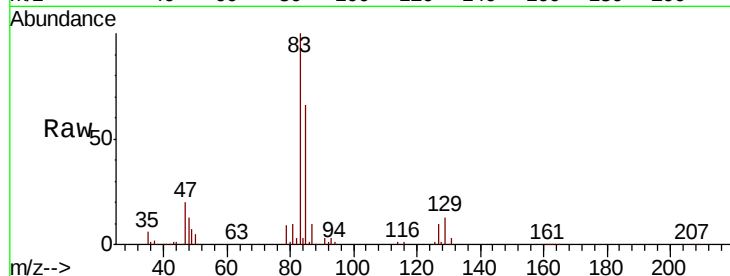




#47
Bromodichloromethane
Concen: 19.279 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

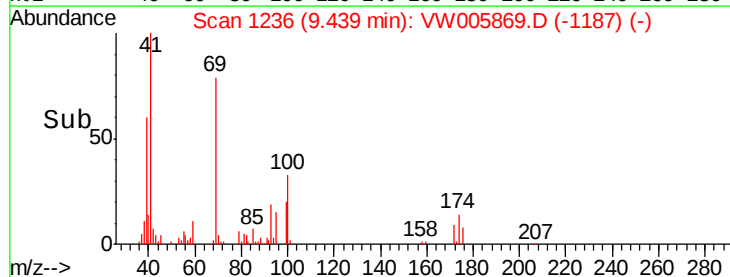
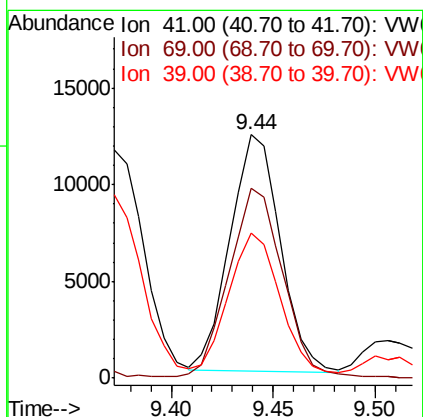
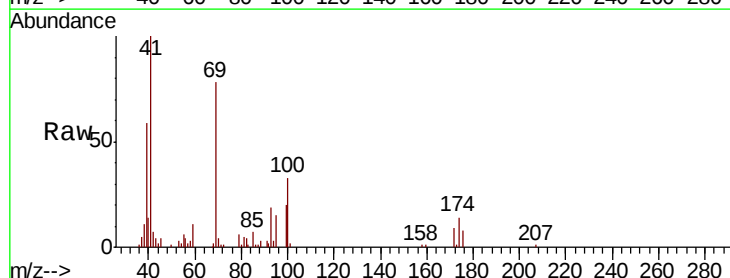
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

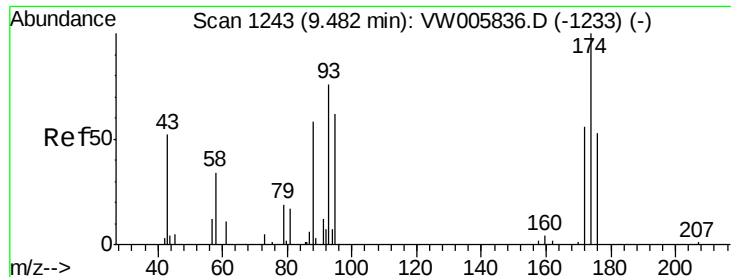
Tgt Ion: 83 Resp: 52962
Ion Ratio Lower Upper
83 100
85 66.1 52.6 78.8
127 9.7 7.4 11.0



#48
Methyl methacrylate
Concen: 19.005 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 41 Resp: 20933
Ion Ratio Lower Upper
41 100
69 86.9 66.4 99.6
39 64.8 50.1 75.1

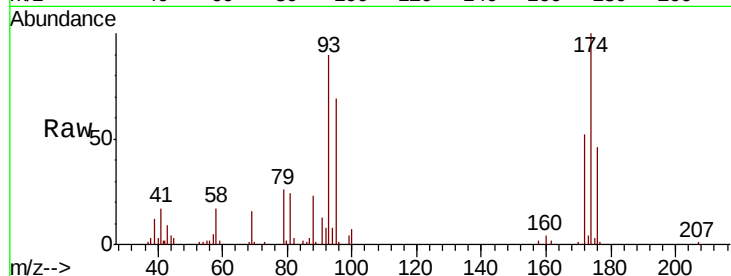




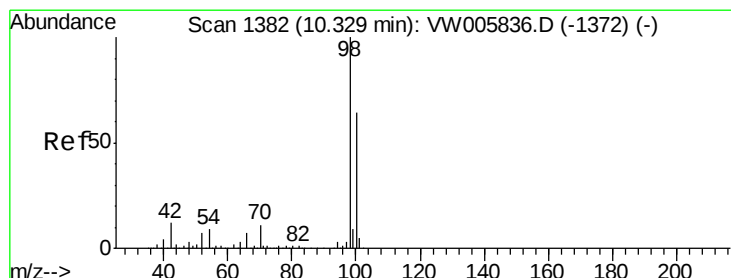
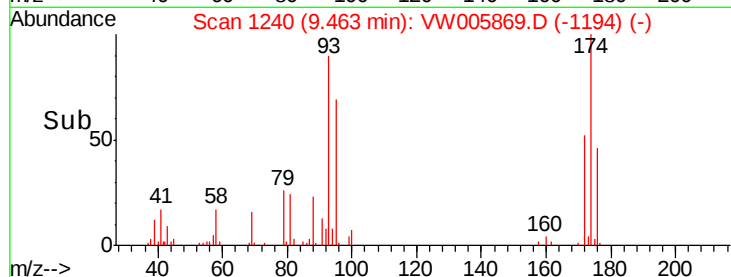
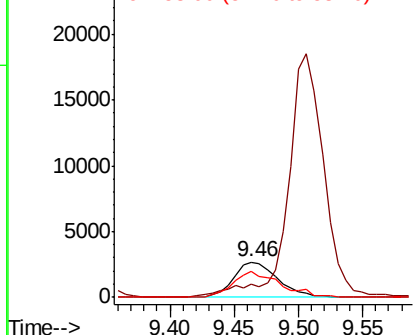
#49
1,4-Dioxane
Concen: 393.452 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tgt Ion: 88 Resp: 6381
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.7 58.1 87.1

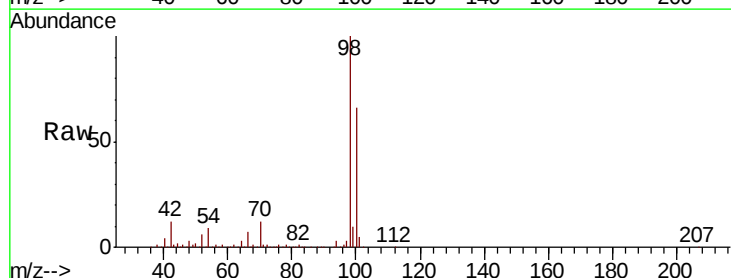


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

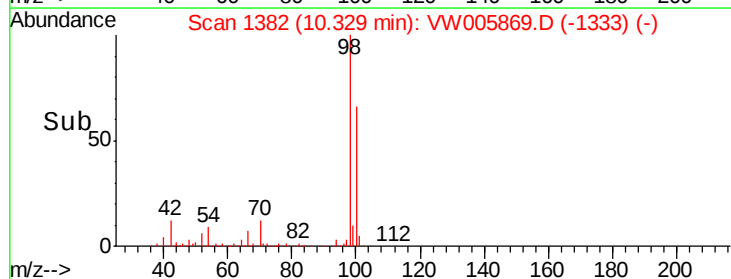
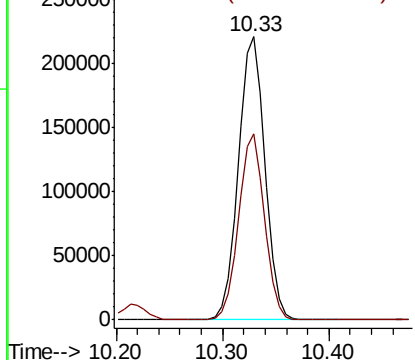


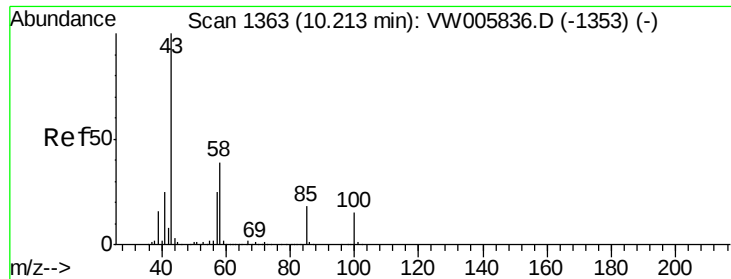
#50
Toluene-d8
Concen: 53.250 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 98 Resp: 385571
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



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

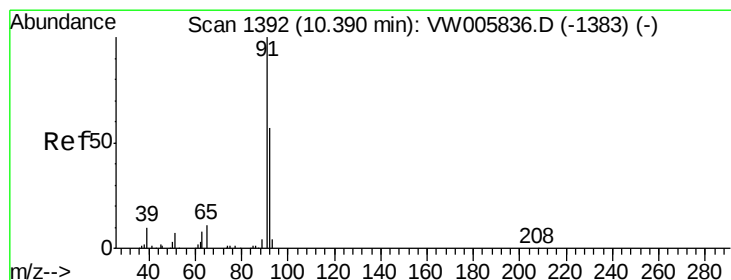
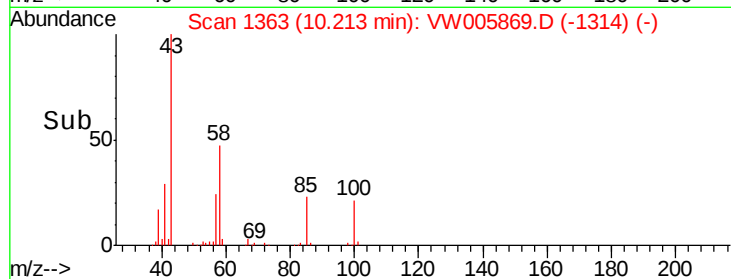
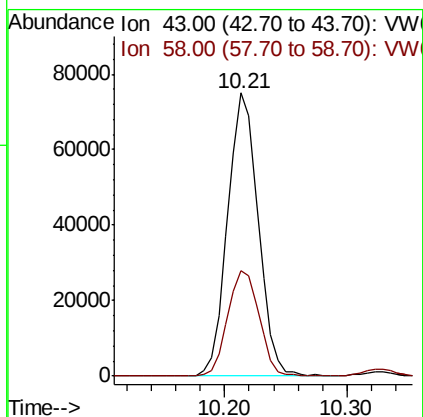
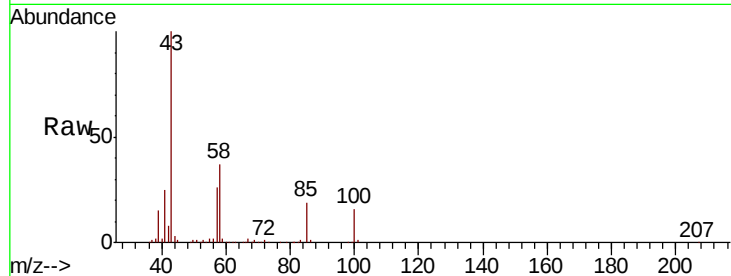




#51
 4-Methyl-2-Pentanone
 Concen: 109.311 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

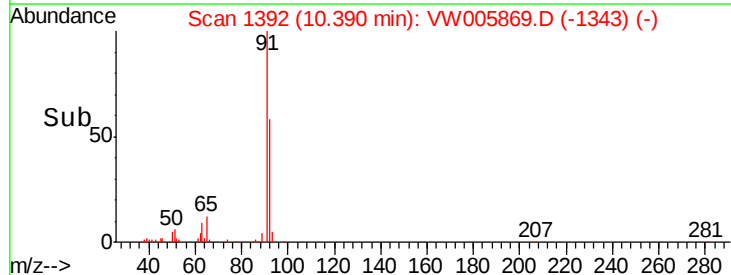
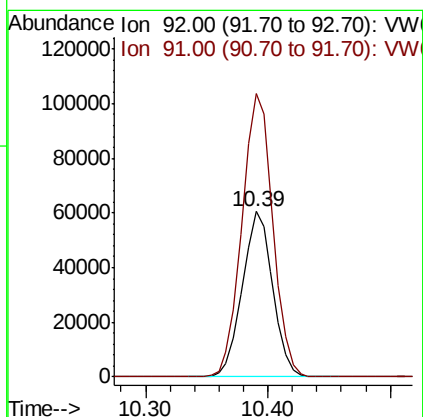
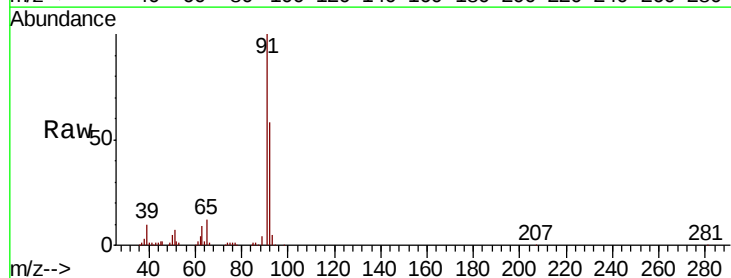
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

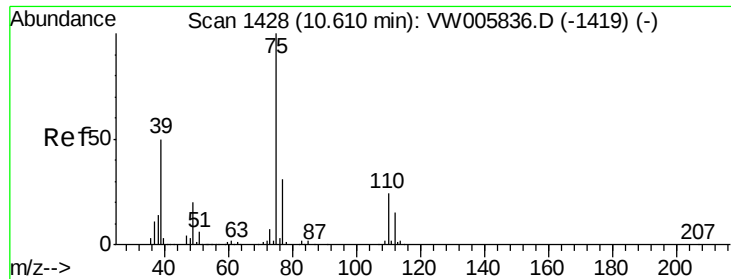
Tgt Ion: 43 Resp: 129376
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.6 45.8



#52
 Toluene
 Concen: 20.390 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 92 Resp: 104160
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 20.230 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

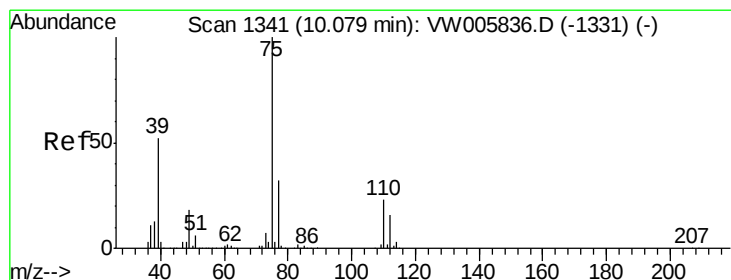
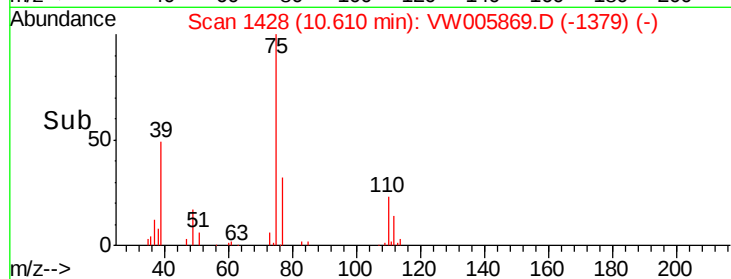
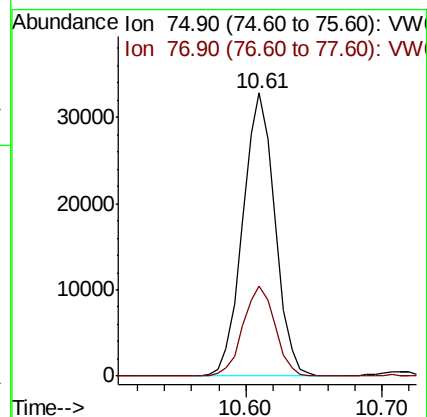
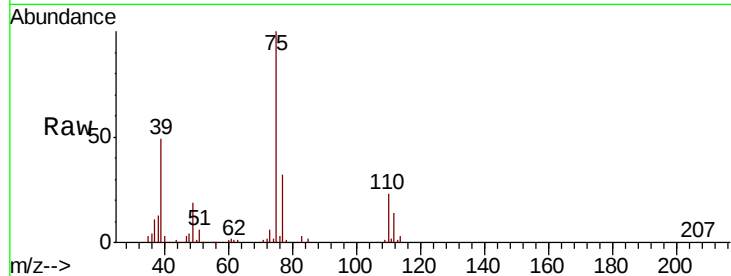
VW1006SBS01

Tgt Ion: 75 Resp: 54264

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.829 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

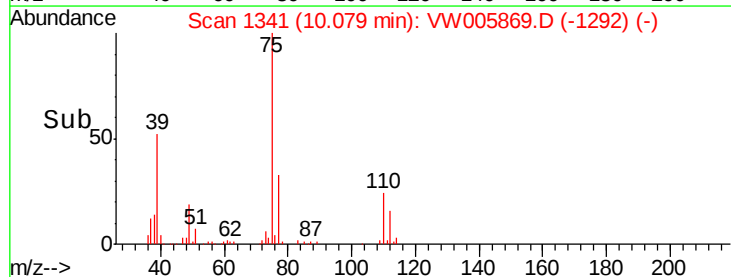
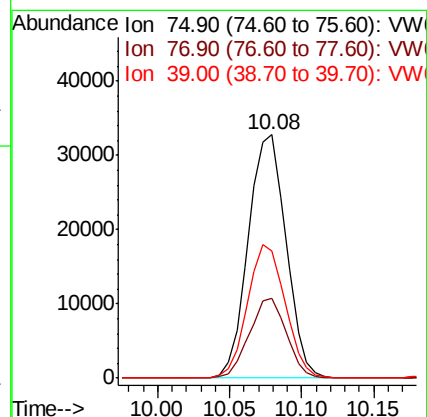
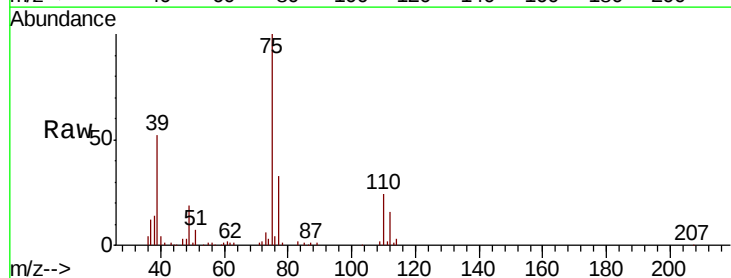
Tgt Ion: 75 Resp: 59549

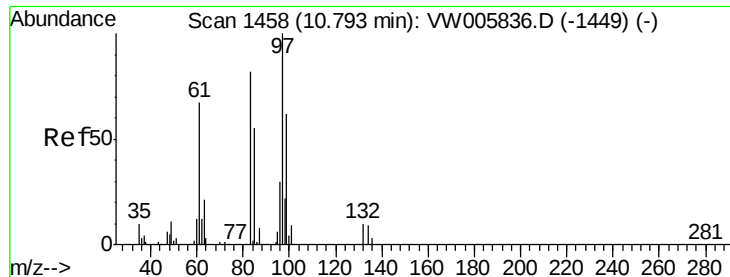
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2

39 52.1 41.9 62.9

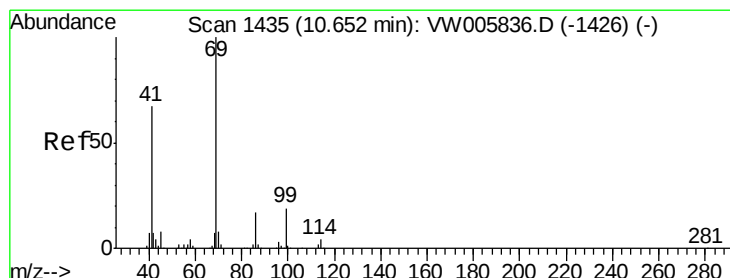
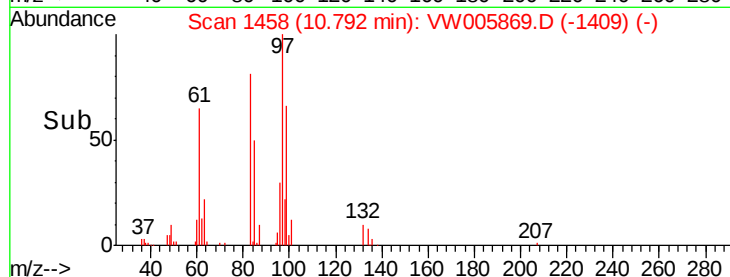
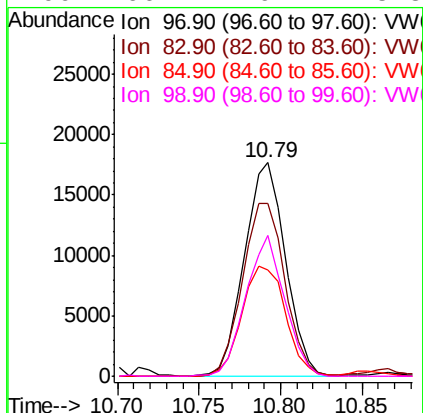
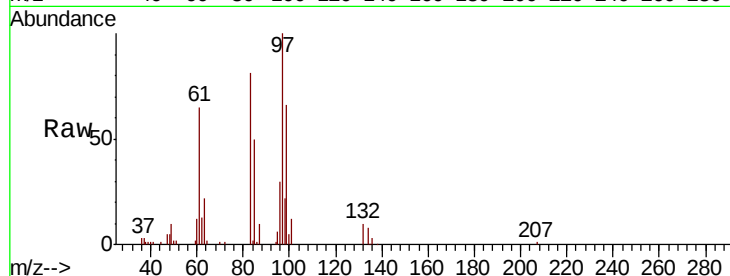




#55
 1,1,2-Trichloroethane
 Concen: 20.638 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

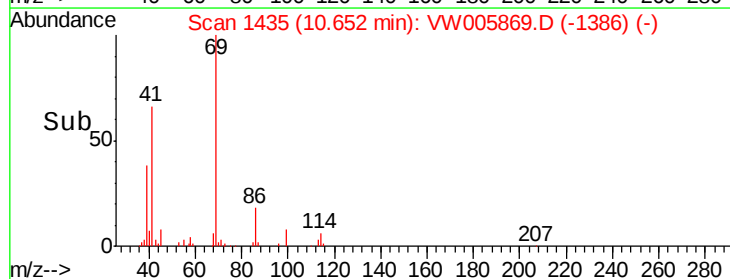
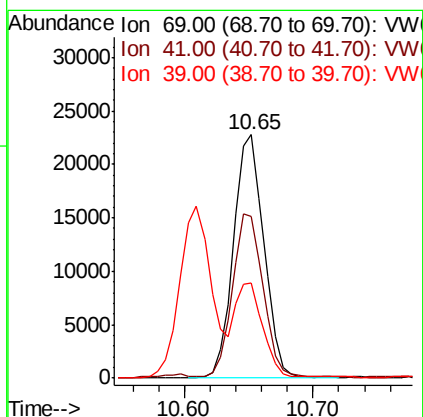
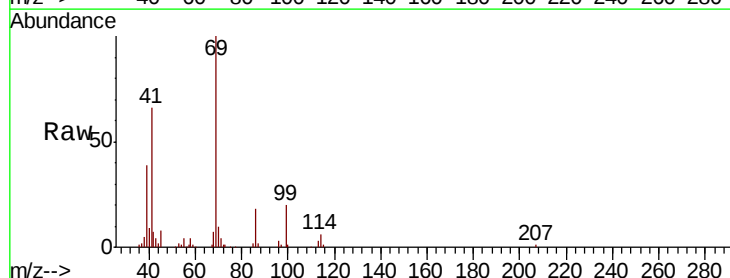
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

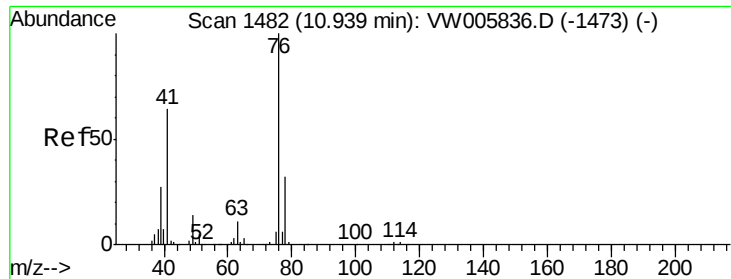
Tgt Ion:	97	Resp:	30948
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.9	98.9
85	50.0	44.2	66.2
99	66.2	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 20.894 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion:	69	Resp:	37524
Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.8	83.6
39	34.5	29.3	43.9

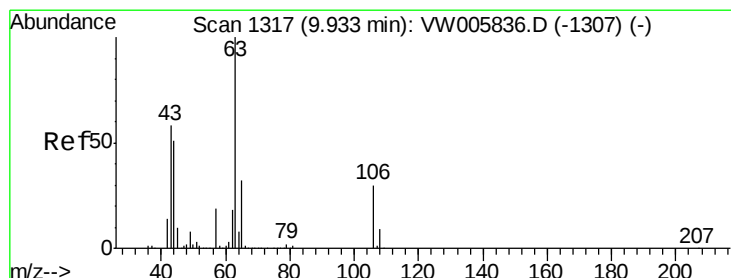
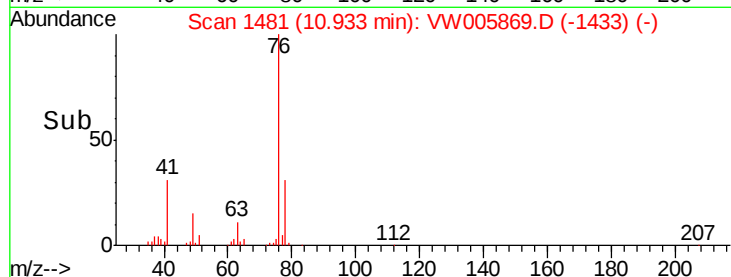
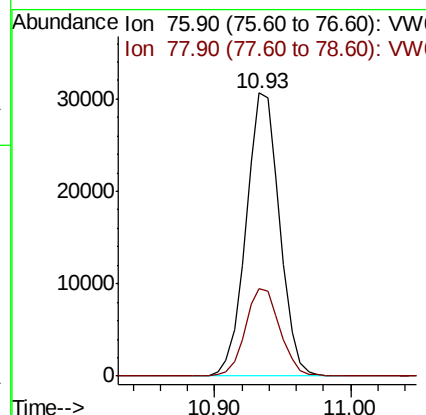
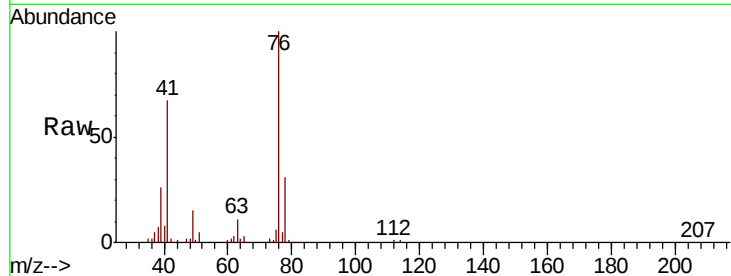




#57
 1,3-Dichloropropane
 Concen: 20.594 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

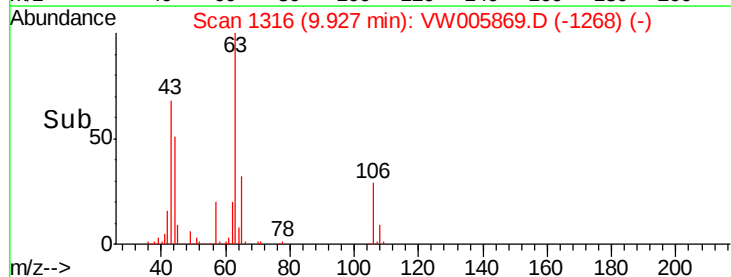
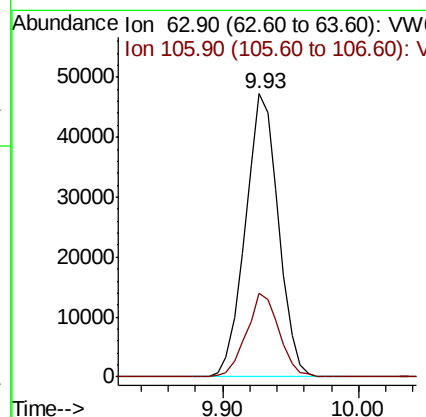
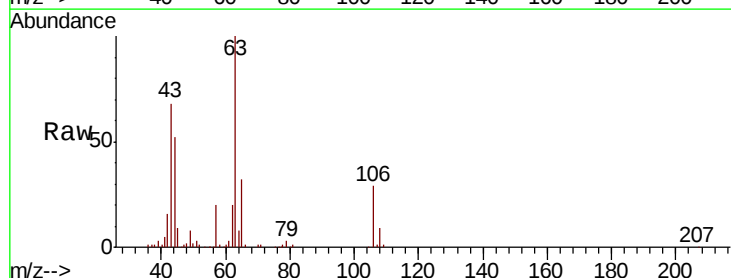
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

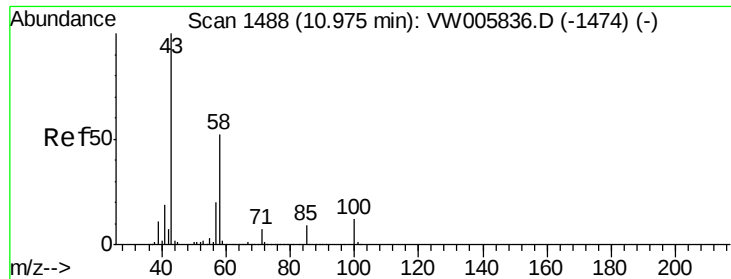
Tgt Ion: 76 Resp: 52574
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.713 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 63 Resp: 80264
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.7 35.5

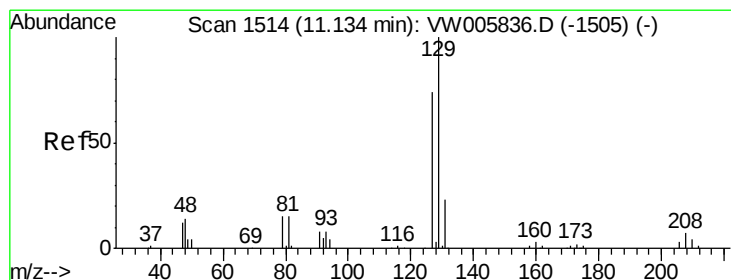
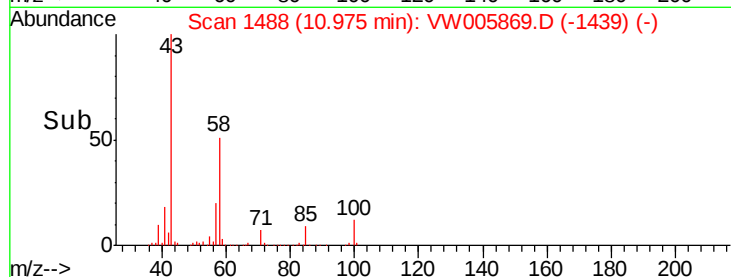
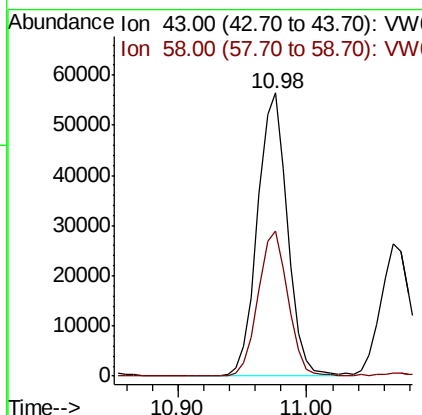
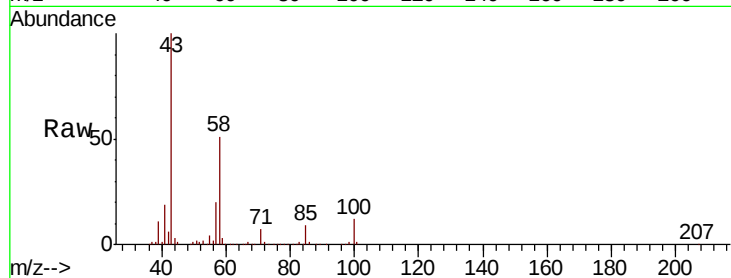




#59
2-Hexanone
Concen: 113.981 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

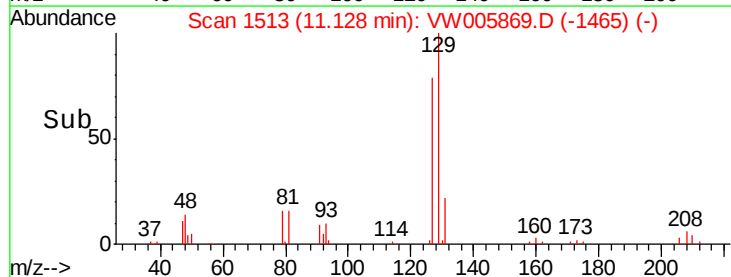
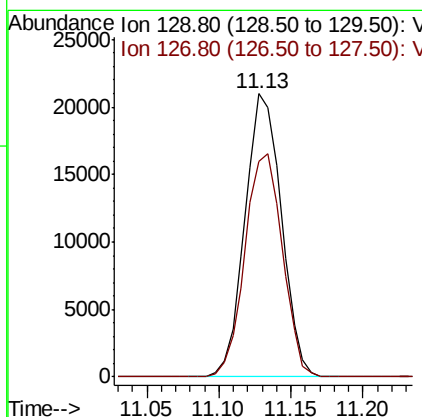
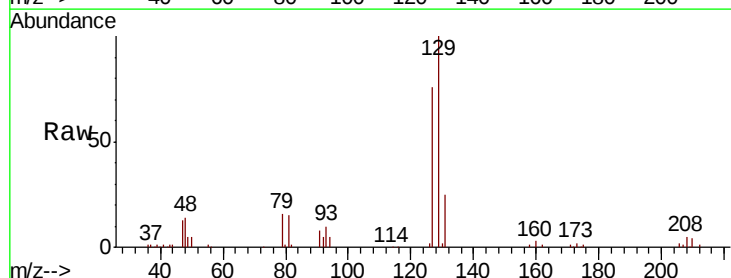
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

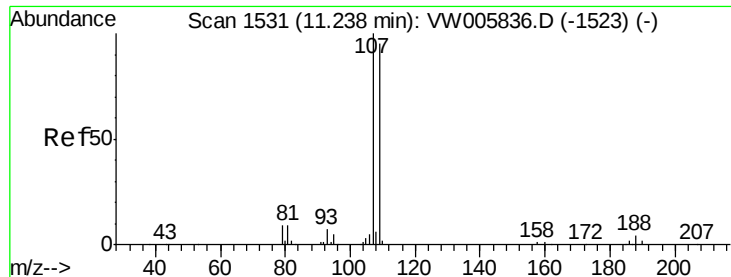
Tgt Ion: 43 Resp: 90230
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.7



#60
Dibromochloromethane
Concen: 19.636 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 129 Resp: 36758
Ion Ratio Lower Upper
129 100
127 81.0 37.2 111.6

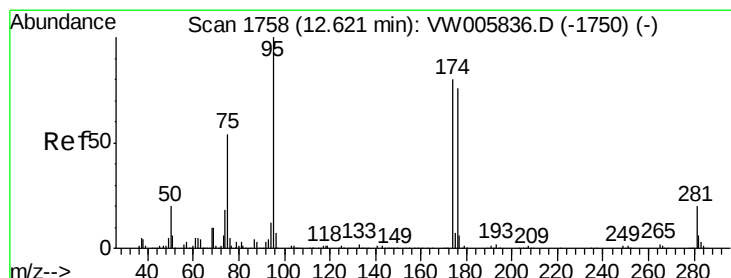
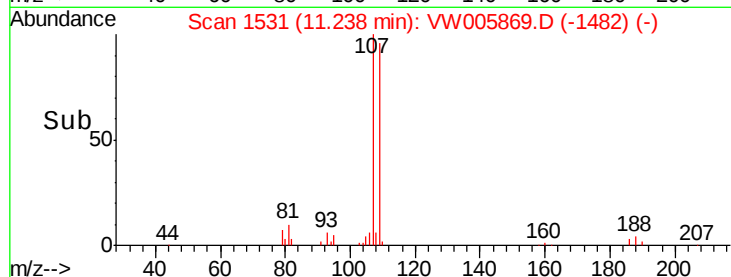
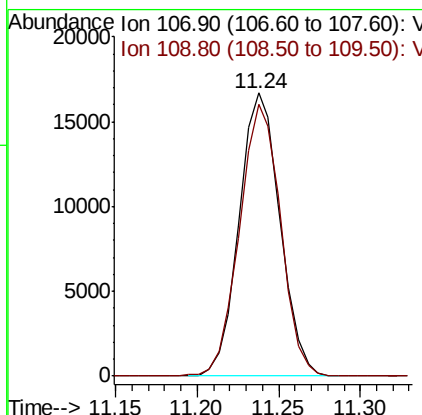
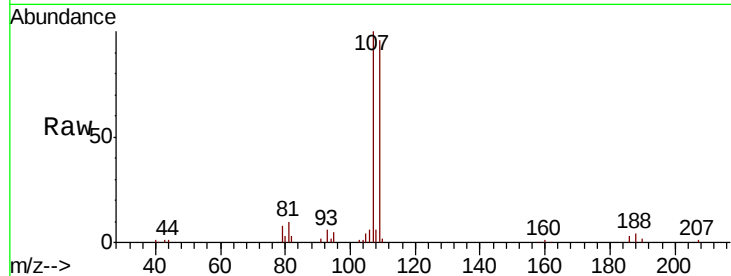




#61
 1,2-Dibromoethane
 Concen: 20.857 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

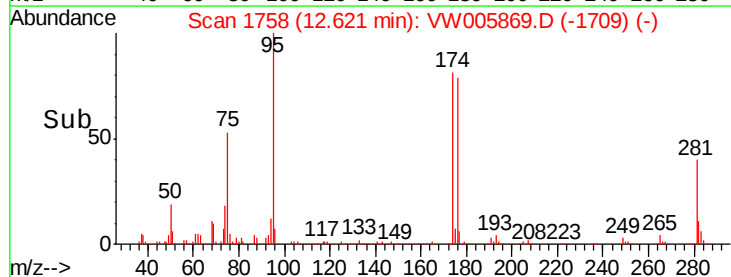
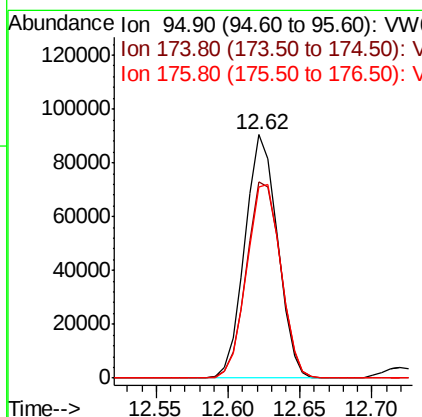
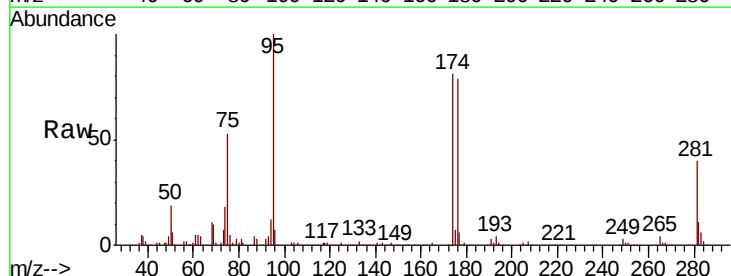
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

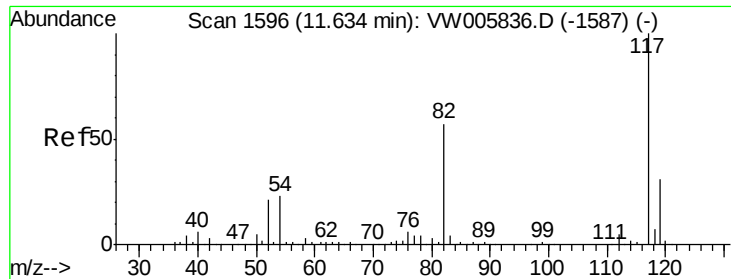
Tgt Ion: 107 Resp: 29052
 Ion Ratio Lower Upper
 107 100
 109 96.5 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 53.111 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 95 Resp: 142122
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 169.0
 176 83.1 0.0 164.2

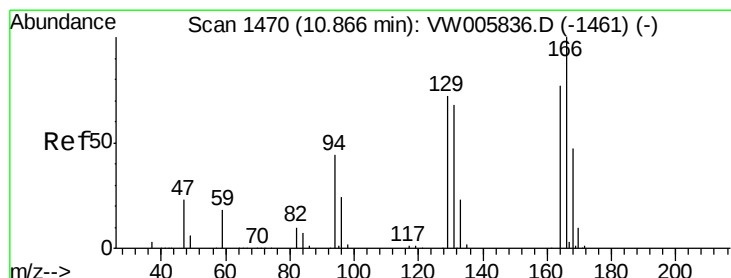
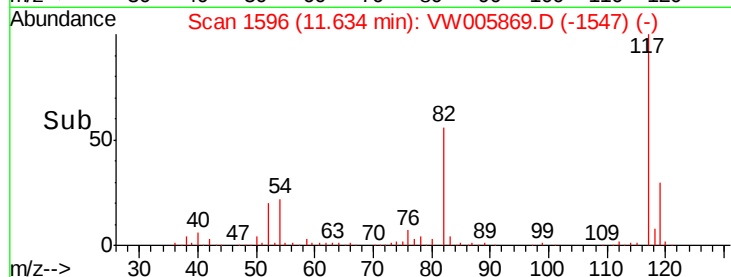
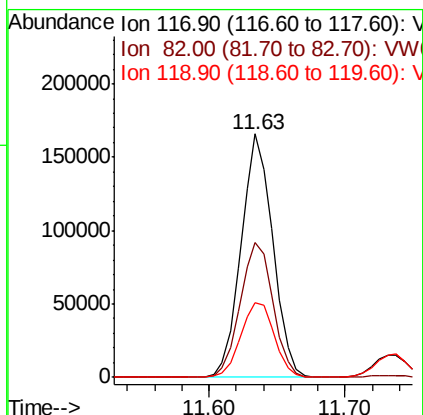
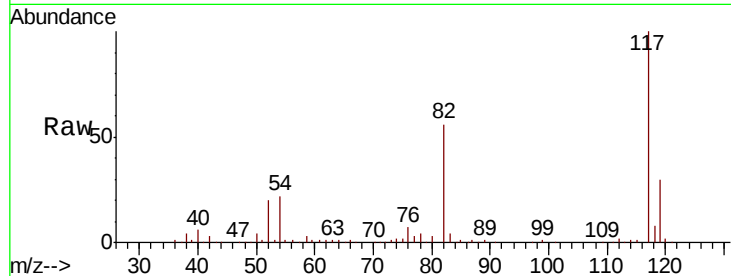




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

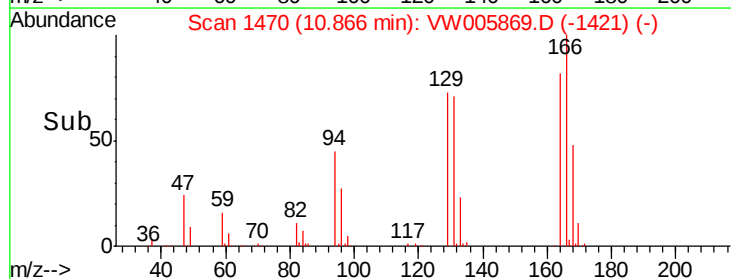
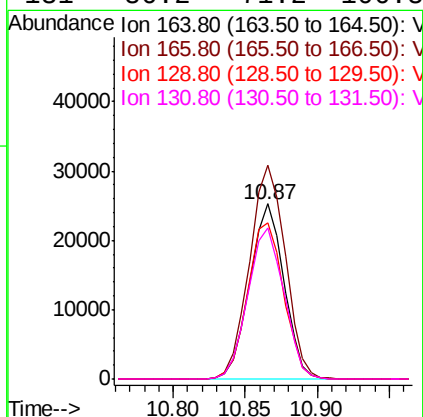
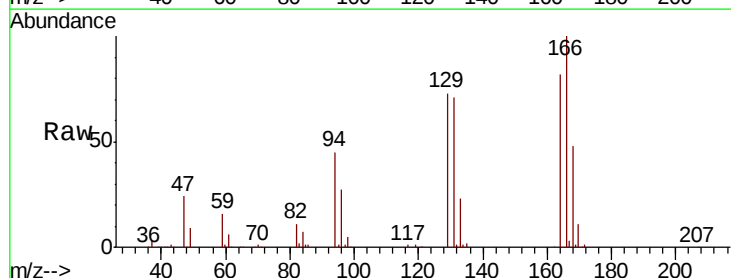
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

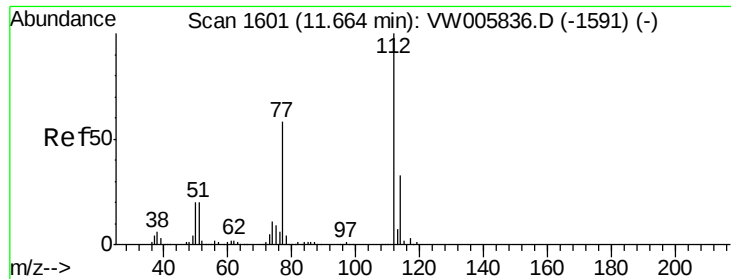
Tgt Ion:117 Resp: 269682
Ion Ratio Lower Upper
117 100
82 55.6 45.6 68.4
119 30.5 25.0 37.6



#64
Tetrachloroethene
Concen: 19.672 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion:164 Resp: 41410
Ion Ratio Lower Upper
164 100
166 122.2 104.0 156.0
129 89.7 74.8 112.2
131 86.2 71.2 106.8

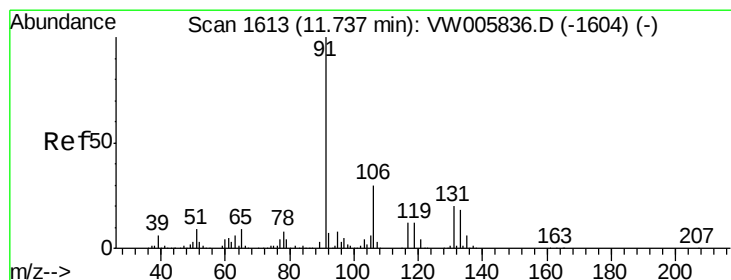
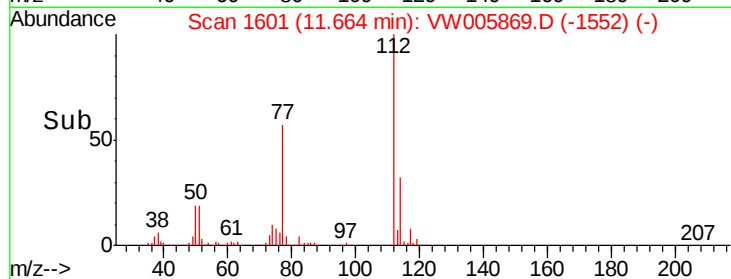
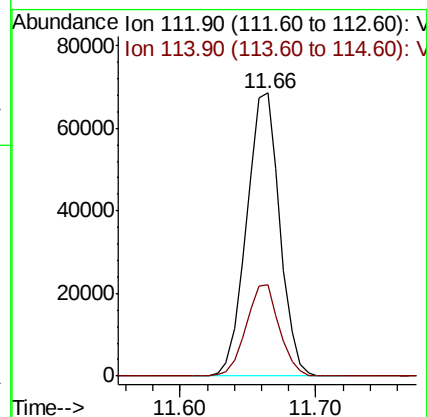
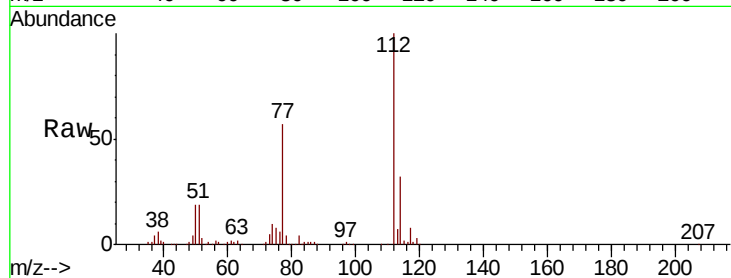




#65
Chlorobenzene
Concen: 19.792 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

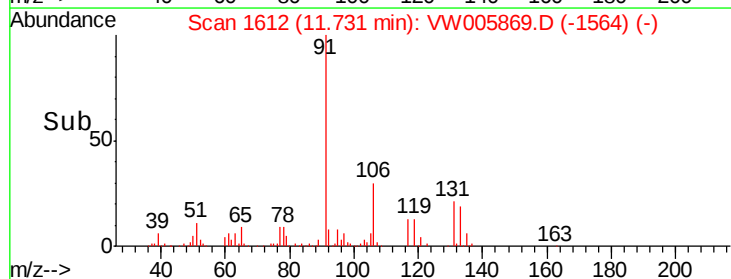
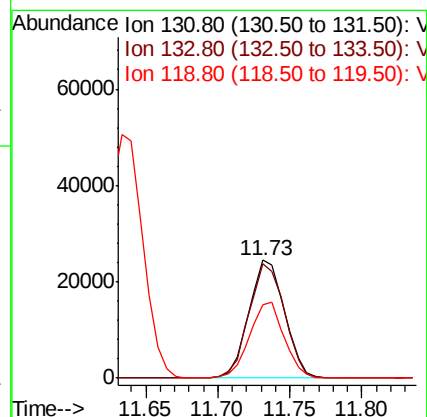
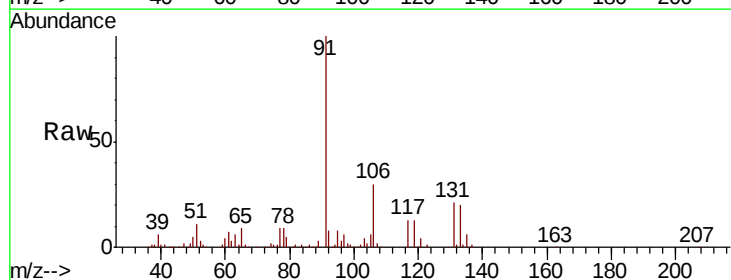
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

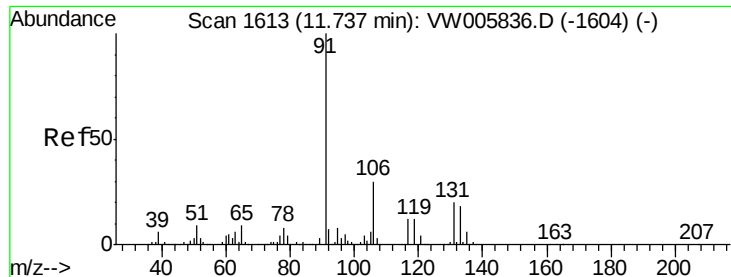
Tgt Ion:112 Resp: 116706
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.116 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion:131 Resp: 41781
Ion Ratio Lower Upper
131 100
133 97.2 47.0 141.0
119 63.0 30.4 91.2





#67

Ethyl Benzene

Concen: 19.729 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

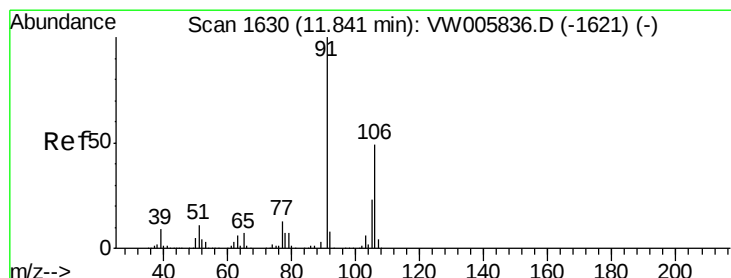
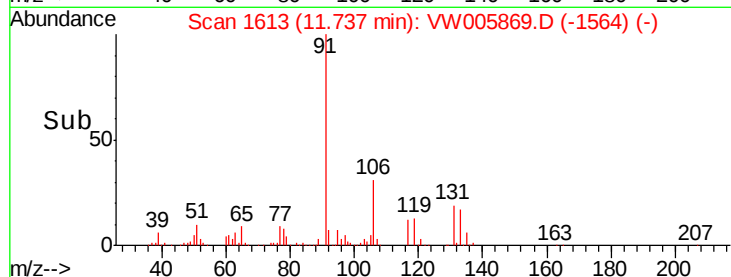
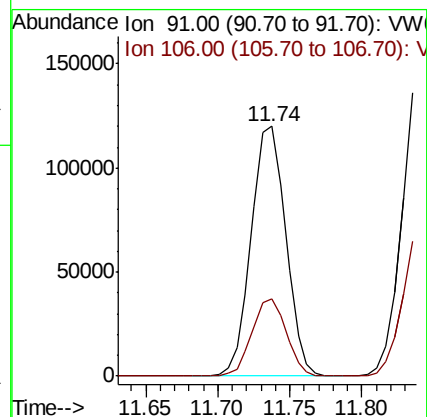
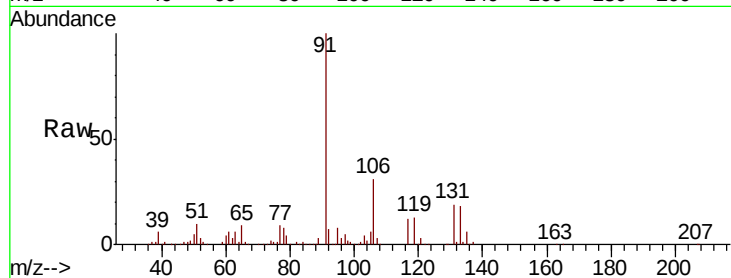
VW1006SBS01

Tgt Ion: 91 Resp: 199205

Ion Ratio Lower Upper

91 100

106 31.0 24.3 36.5



#68

m/p-Xylenes

Concen: 39.883 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW005869.D

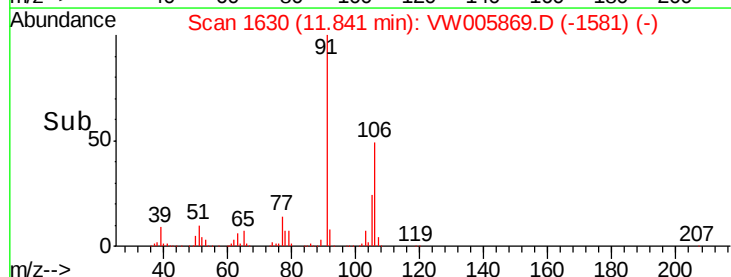
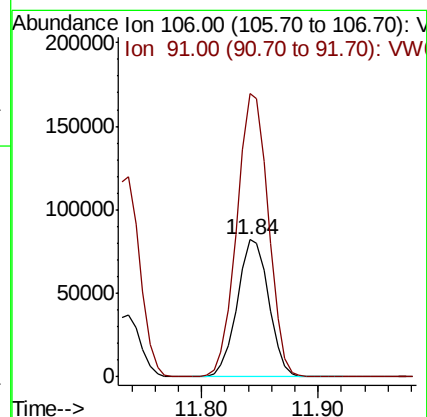
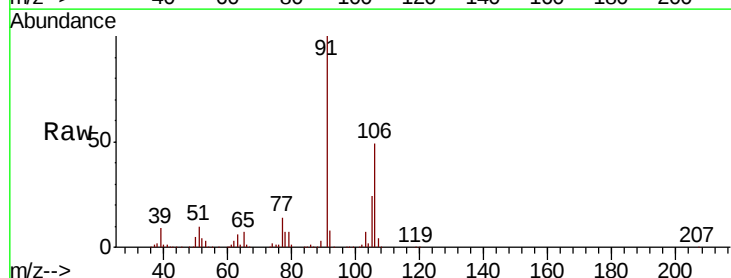
Acq: 05 Oct 2018 00:30

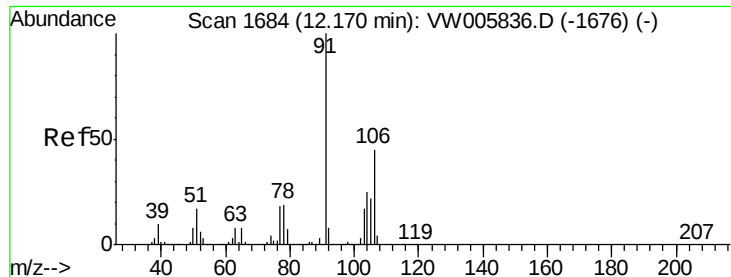
Tgt Ion: 106 Resp: 155173

Ion Ratio Lower Upper

106 100

91 206.7 165.4 248.0

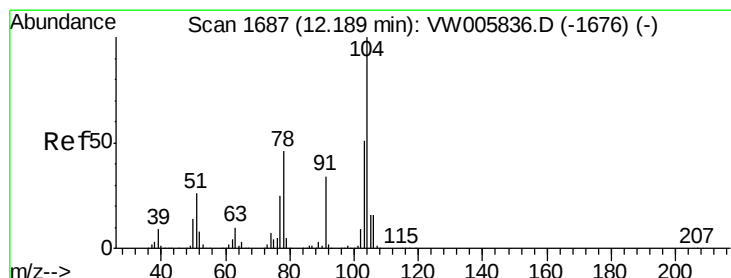
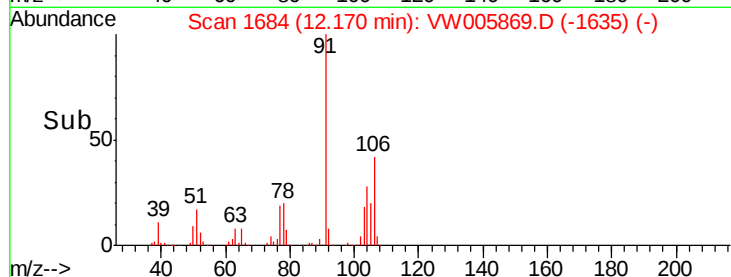
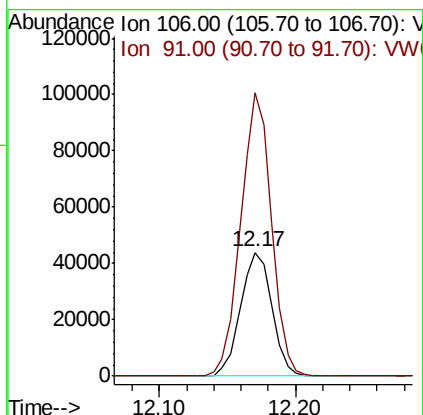
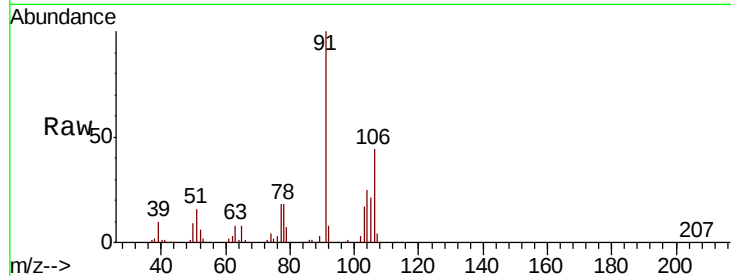




#69
o-Xylene
Concen: 19.585 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

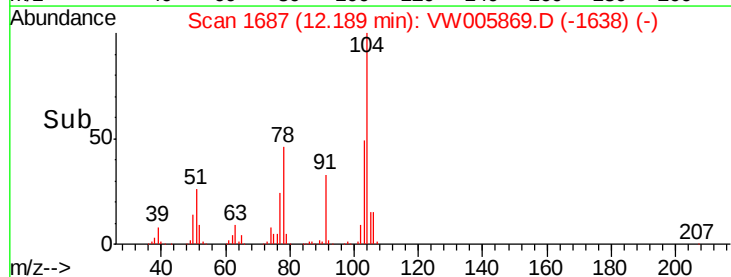
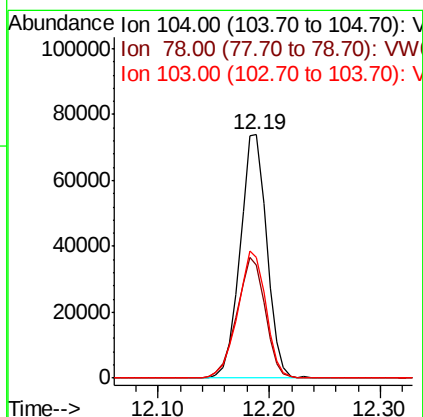
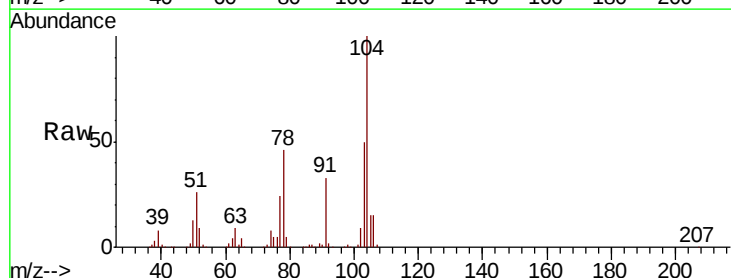
Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

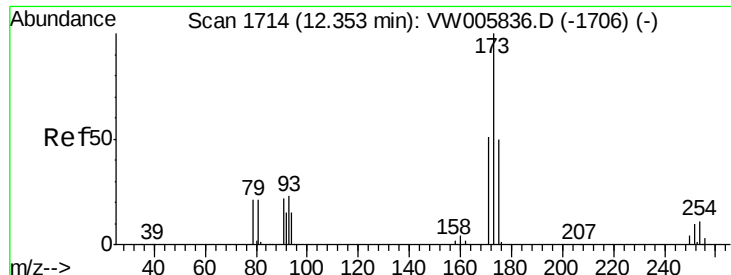
Tgt Ion:106 Resp: 70826
Ion Ratio Lower Upper
106 100
91 223.4 109.7 329.1



#70
Styrene
Concen: 19.986 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion:104 Resp: 122596
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 55.3 44.9 67.3





#71

Bromoform

Concen: 20.328 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

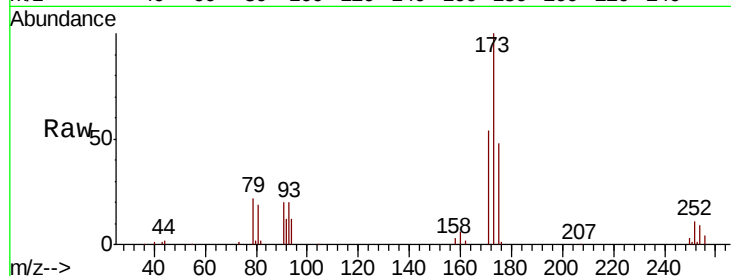
Tgt Ion:173 Resp: 24459

Ion Ratio Lower Upper

173 100

175 48.0 24.3 72.9

254 0.0 0.1 0.1#

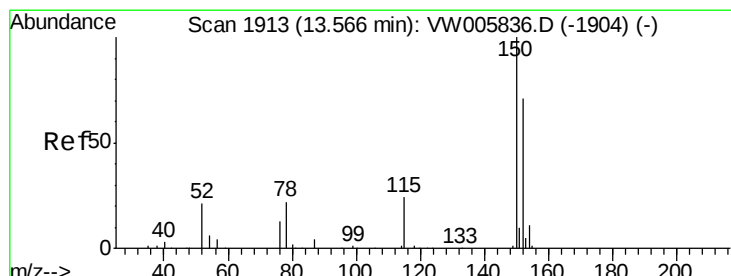
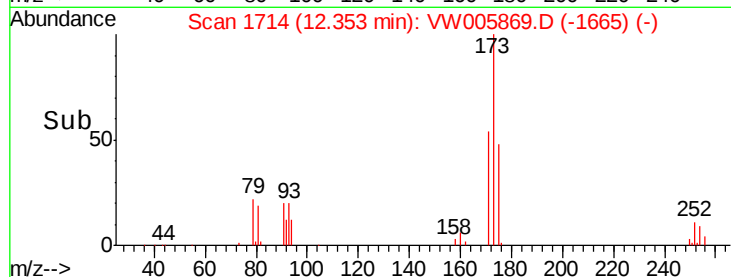
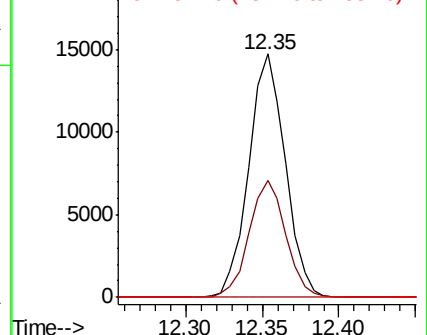


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

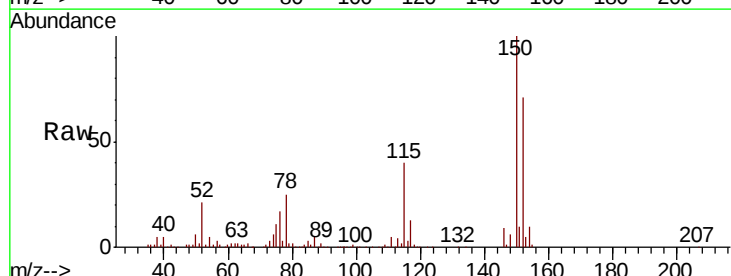
Tgt Ion:152 Resp: 148549

Ion Ratio Lower Upper

152 100

115 59.3 29.8 89.4

150 158.1 0.0 349.4

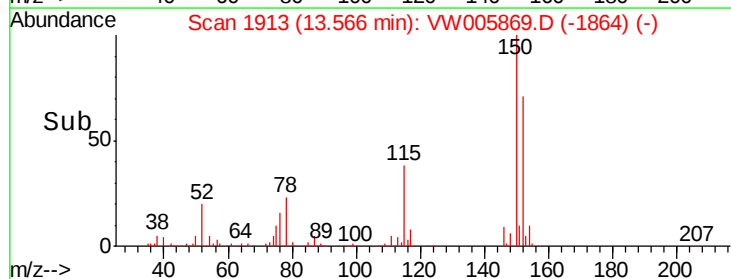
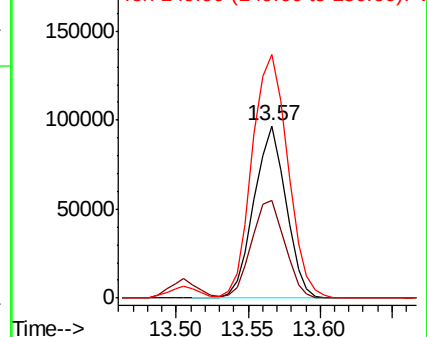


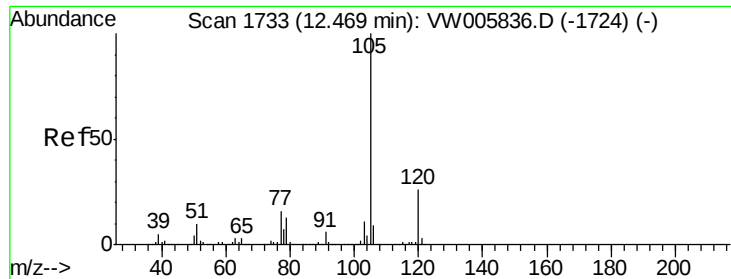
Abundance

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: 19.874 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

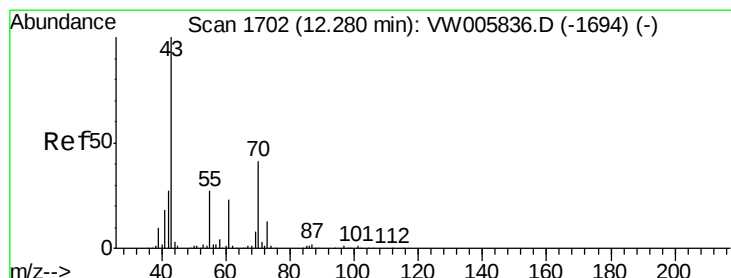
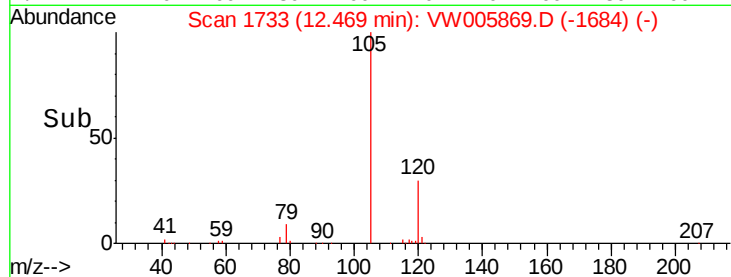
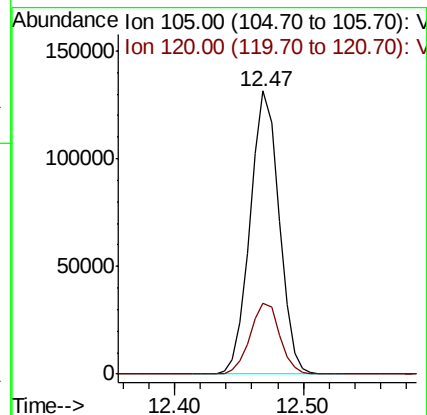
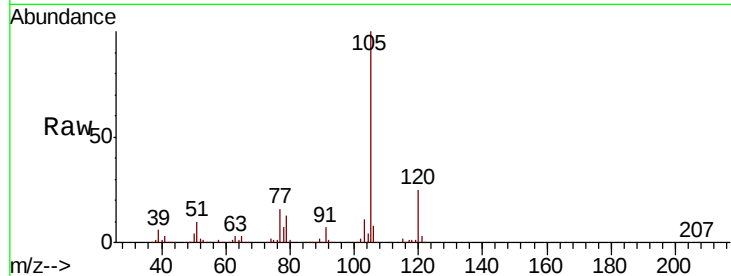
VW1006SBS01

Tgt Ion:105 Resp: 203127

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



#74

N-ethyl acetate

Concen: 21.182 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Tgt Ion: 43 Resp: 47117

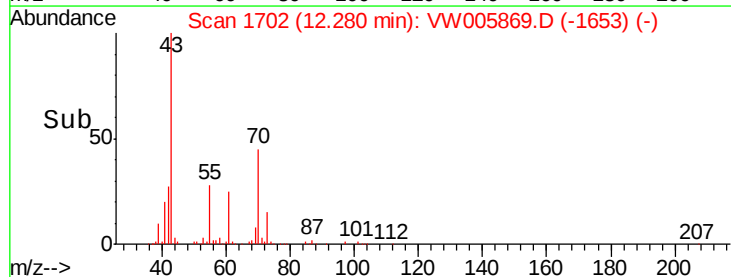
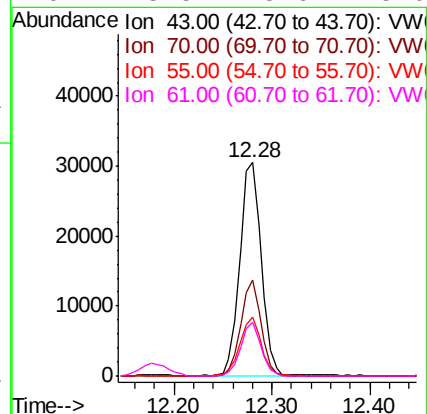
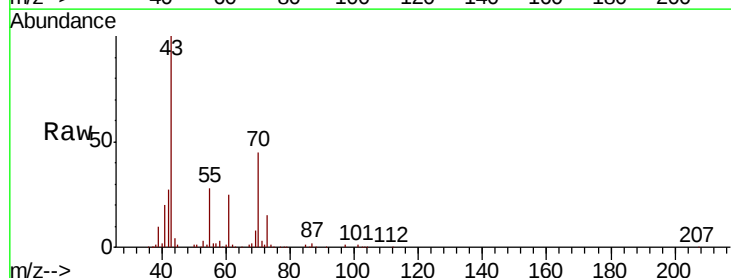
Ion Ratio Lower Upper

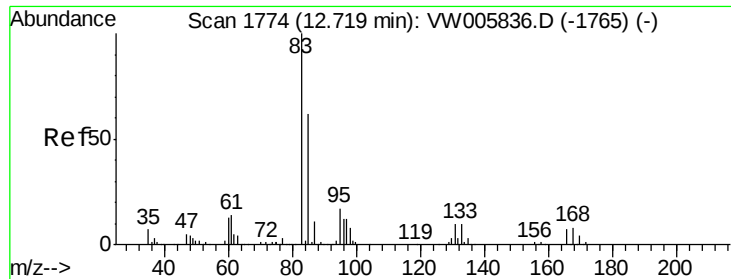
43 100

70 41.8 33.6 50.4

55 27.0 21.8 32.6

61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.413 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

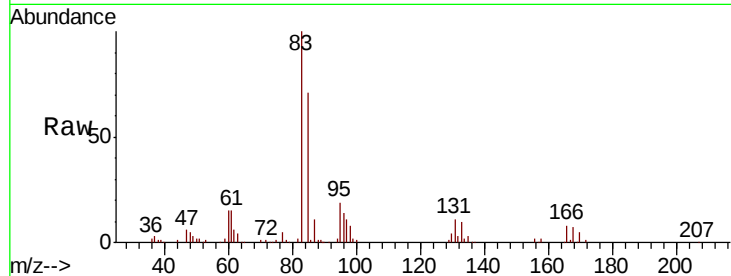
Tgt Ion: 83 Resp: 35798

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.6

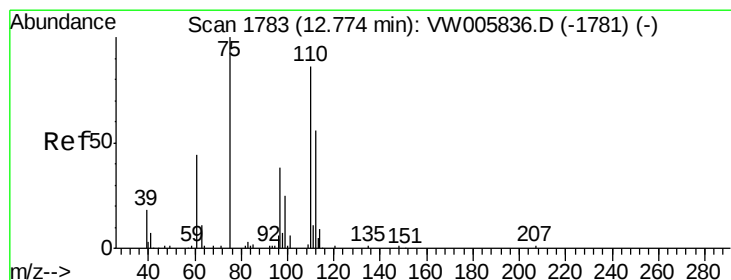
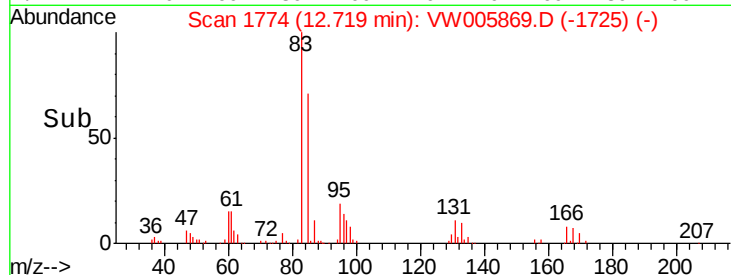
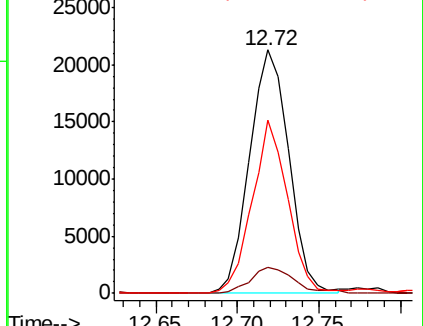
85 64.7 31.8 95.3



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: 37.058 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005869.D

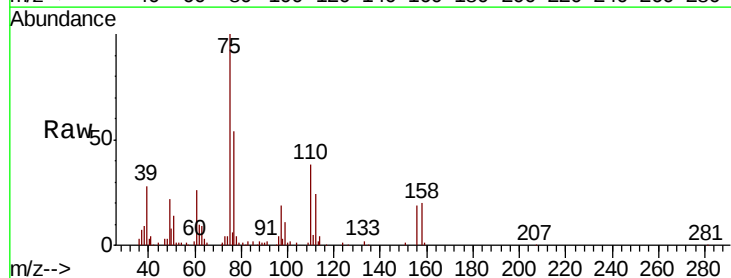
Acq: 05 Oct 2018 00:30

Tgt Ion: 75 Resp: 50030

Ion Ratio Lower Upper

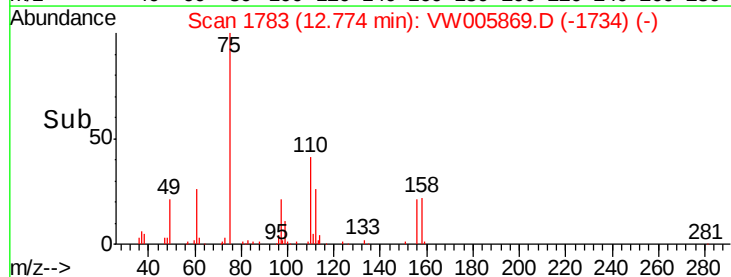
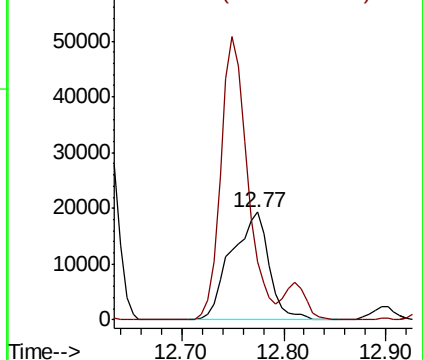
75 100

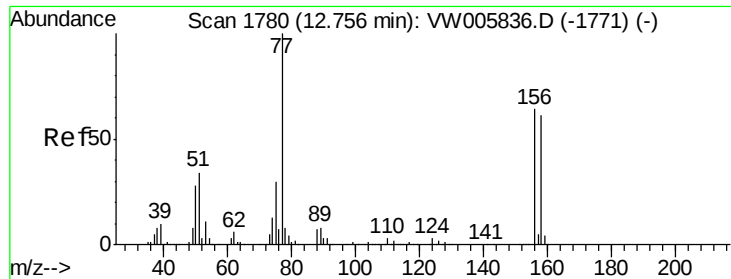
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.390 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampled :

VW1006SBS01

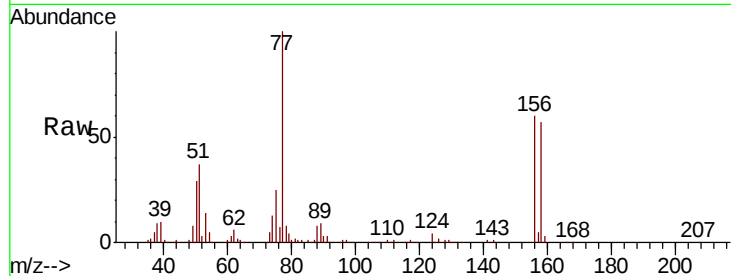
Tgt Ion:156 Resp: 48931

Ion Ratio Lower Upper

156 100

77 190.4 91.0 273.1

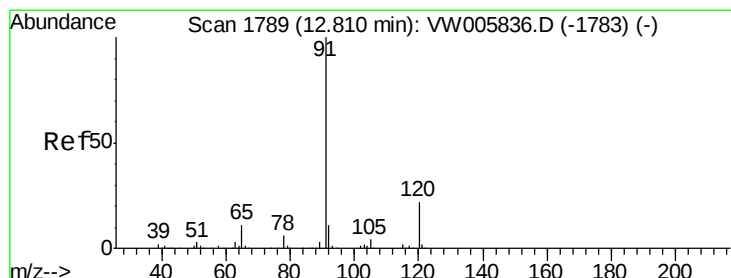
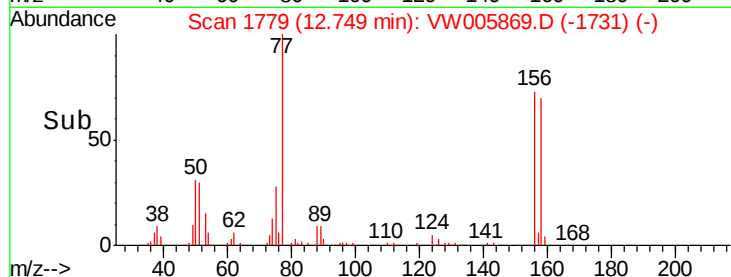
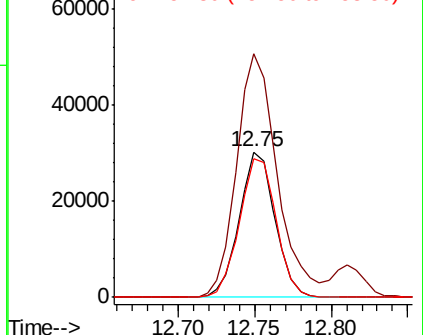
158 98.5 48.4 145.2



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: 19.999 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005869.D

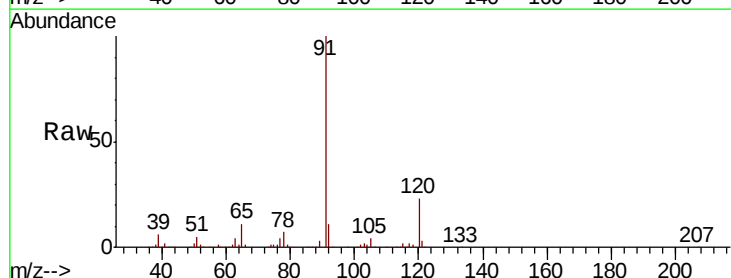
Acq: 05 Oct 2018 00:30

Tgt Ion: 91 Resp: 243125

Ion Ratio Lower Upper

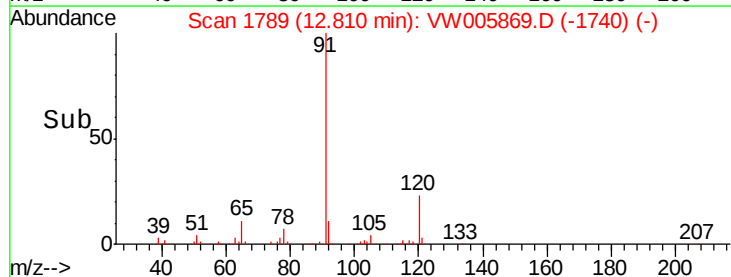
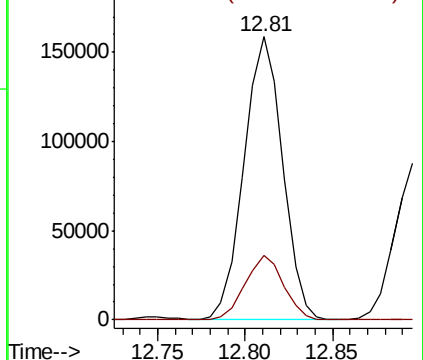
91 100

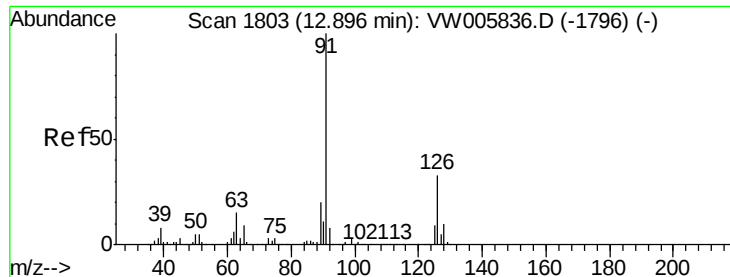
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.643 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

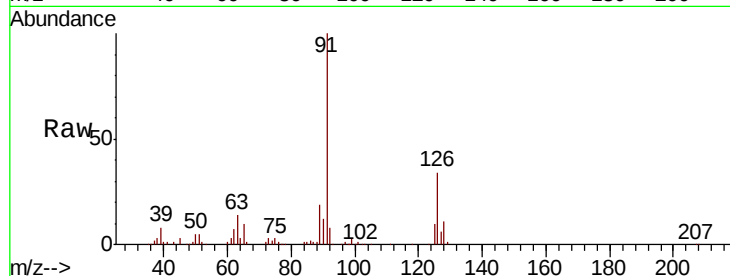
VW1006SBS01

Tgt Ion: 91 Resp: 142236

Ion Ratio Lower Upper

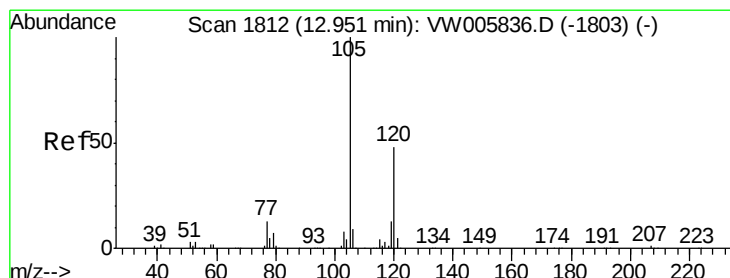
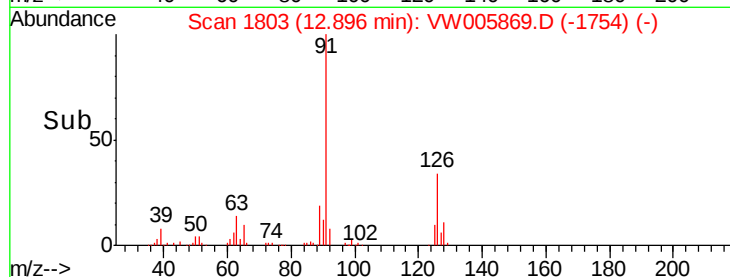
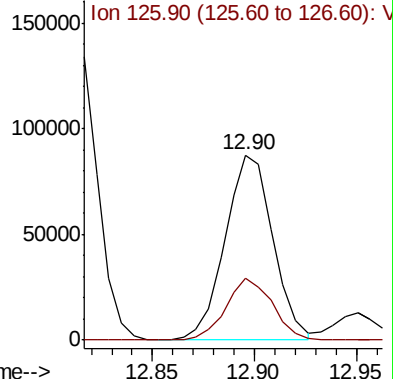
91 100

126 32.6 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.822 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005869.D

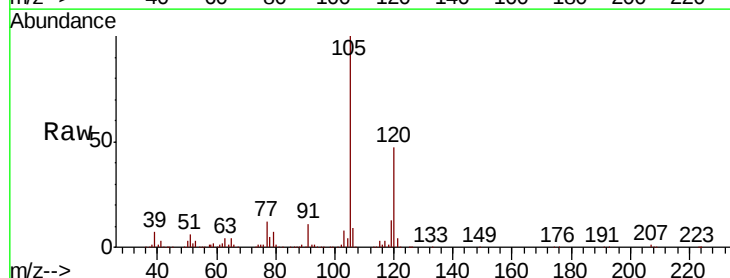
Acq: 05 Oct 2018 00:30

Tgt Ion: 105 Resp: 175944

Ion Ratio Lower Upper

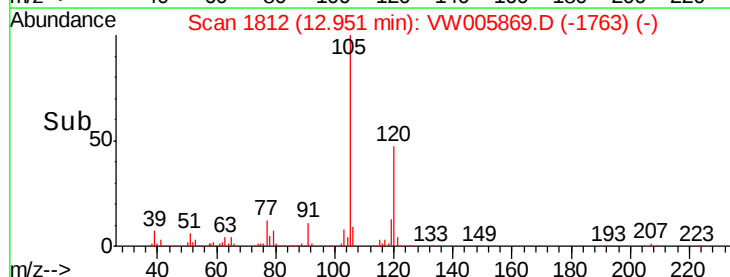
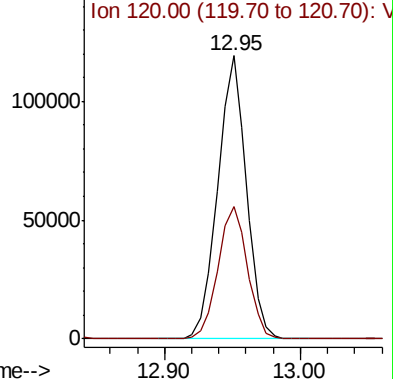
105 100

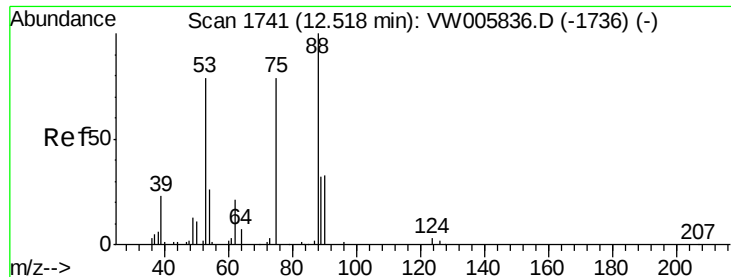
120 48.1 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.344 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

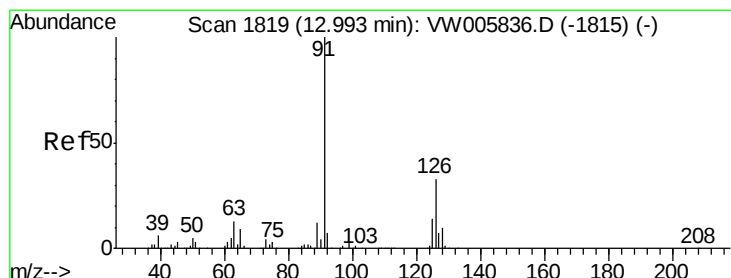
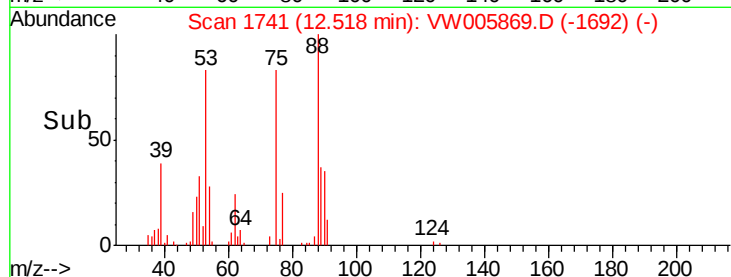
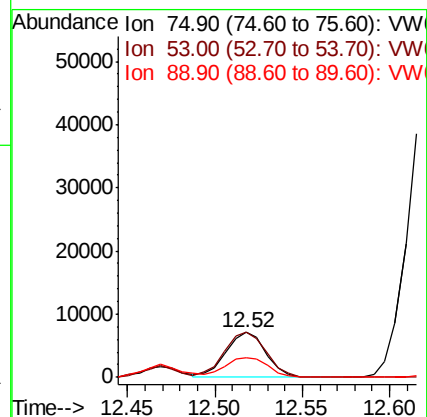
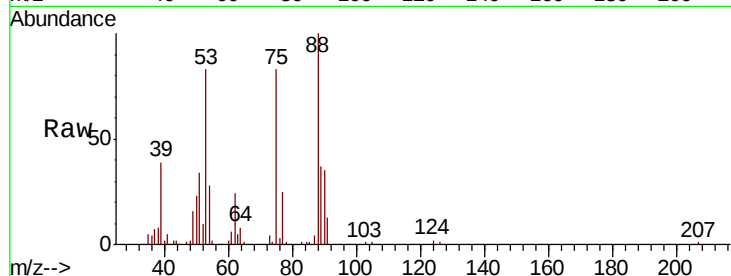
Tgt Ion: 75 Resp: 11399

Ion Ratio Lower Upper

75 100

53 104.4 83.7 125.5

89 45.7 37.5 56.3



#82

4-Chlorotoluene

Concen: 20.293 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005869.D

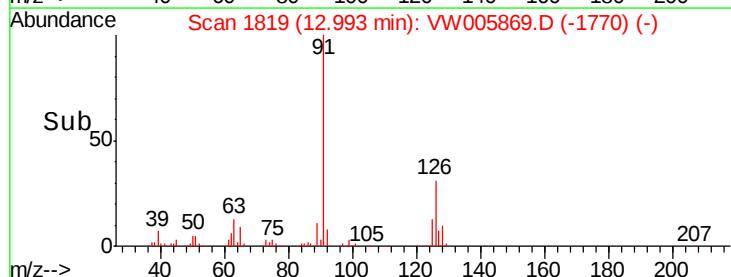
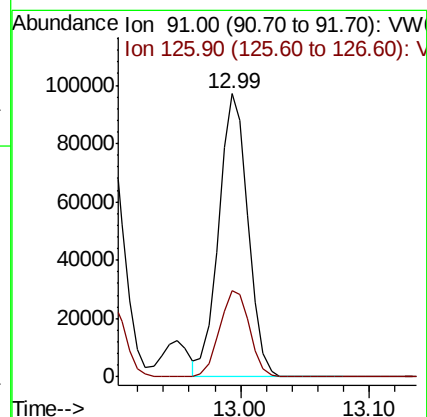
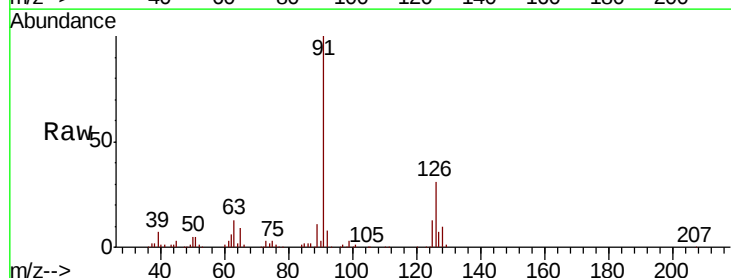
Acq: 05 Oct 2018 00:30

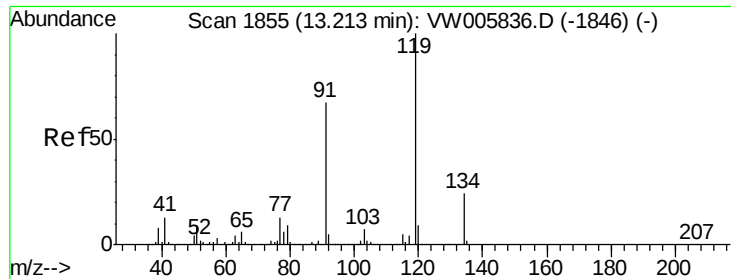
Tgt Ion: 91 Resp: 154888

Ion Ratio Lower Upper

91 100

126 31.3 16.7 50.0

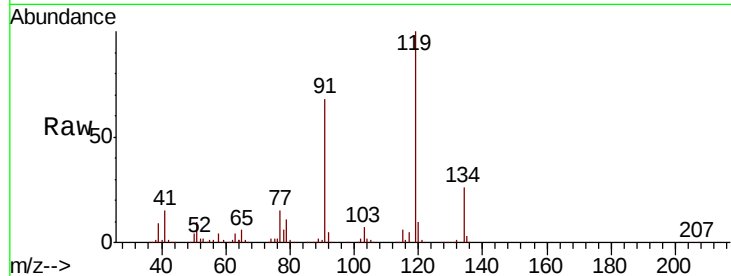




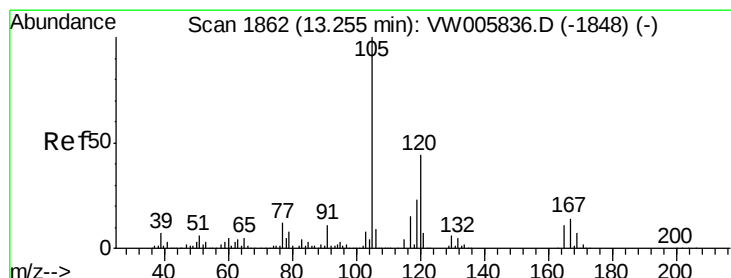
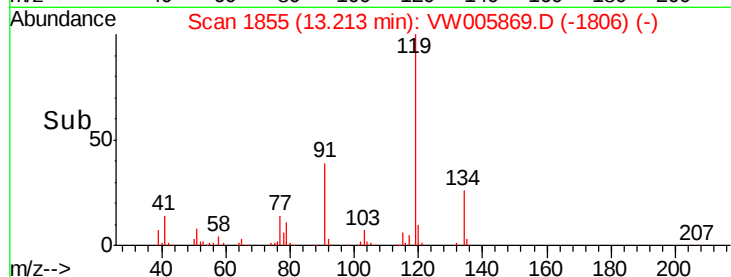
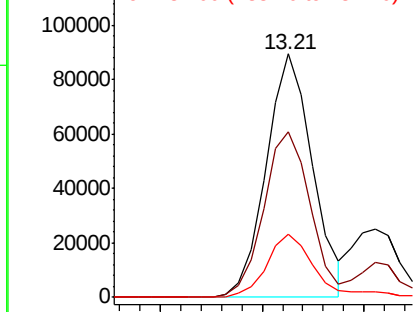
#83
 tert-Butylbenzene
 Concen: 19.120 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Tgt Ion:119 Resp: 141531
 Ion Ratio Lower Upper
 119 100
 91 68.1 33.4 100.2
 134 27.1 12.8 38.3

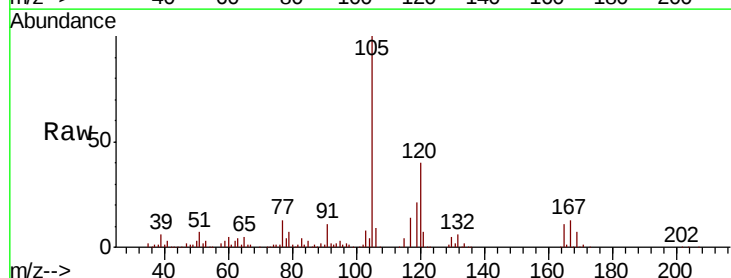


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

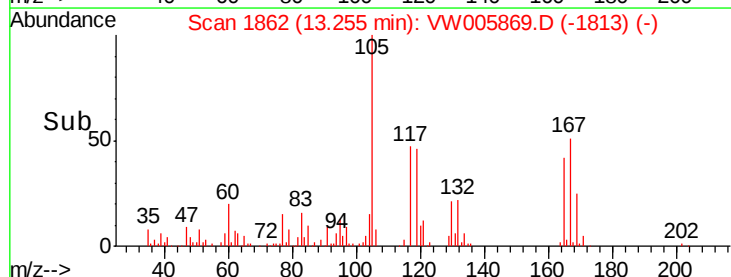
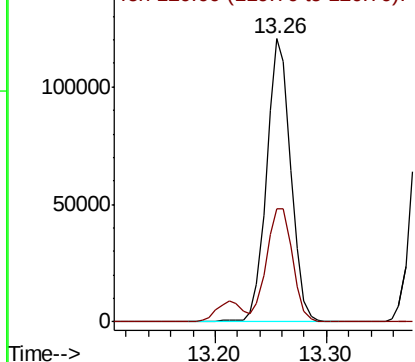


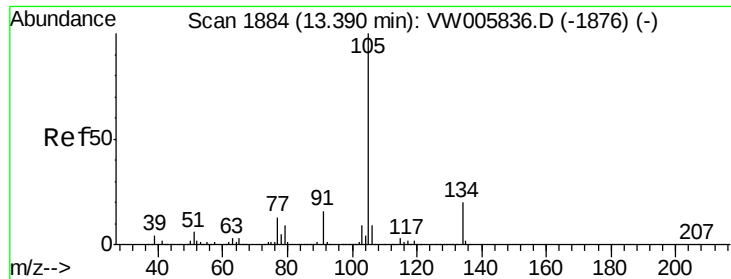
#84
 1,2,4-Trimethylbenzene
 Concen: 20.069 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion:105 Resp: 182900
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.9 65.7



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





#85

sec-Butylbenzene

Concen: 19.675 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

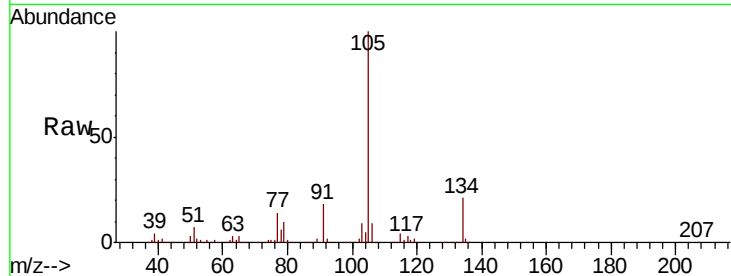
VW1006SBS01

Tgt Ion:105 Resp: 210234

Ion Ratio Lower Upper

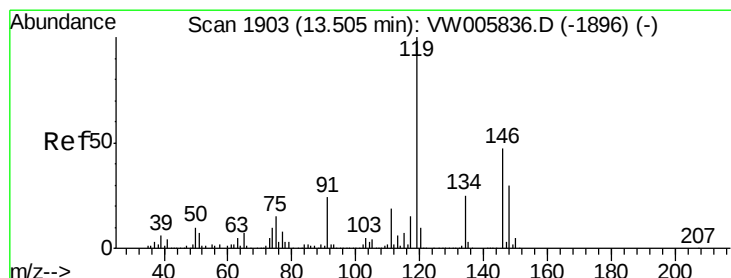
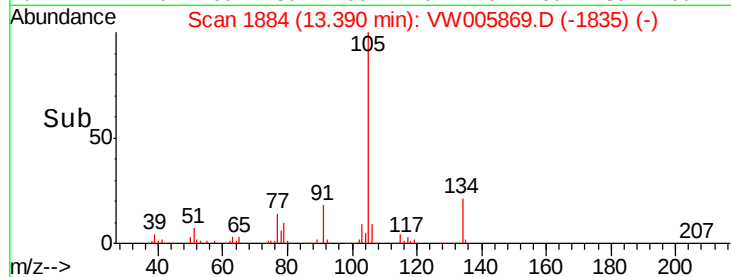
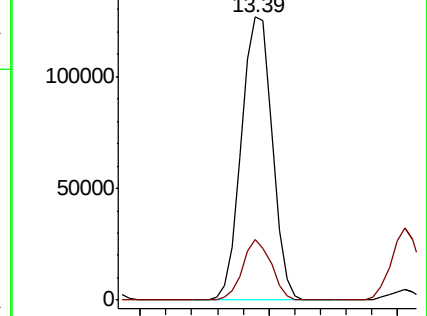
105 100

134 19.9 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.879 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

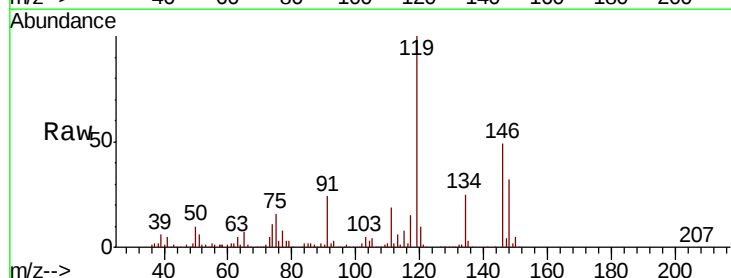
Tgt Ion:119 Resp: 190660

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

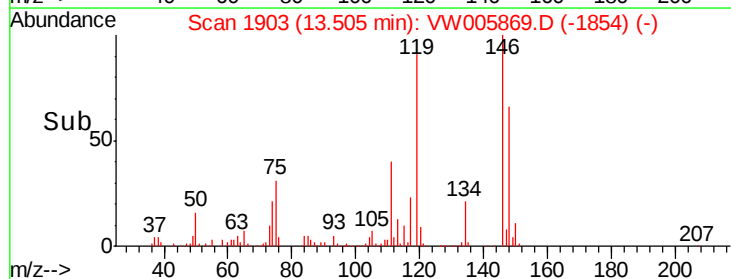
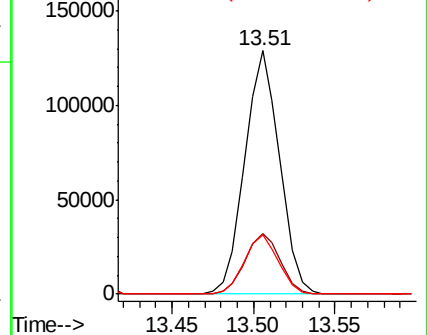
91 24.1 11.9 35.9

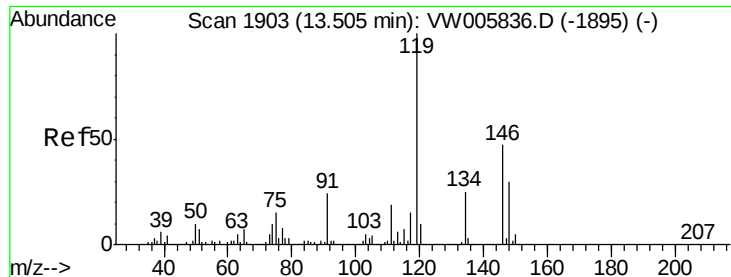


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

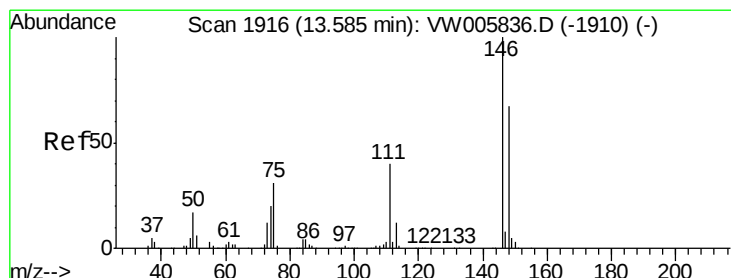
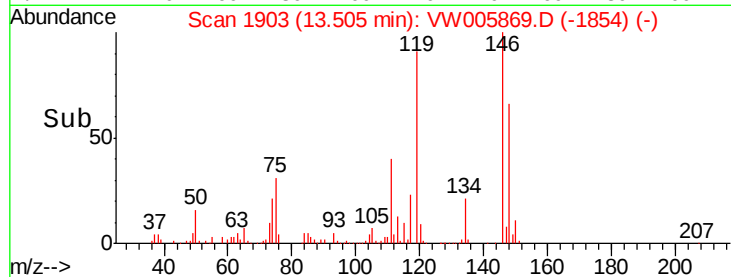
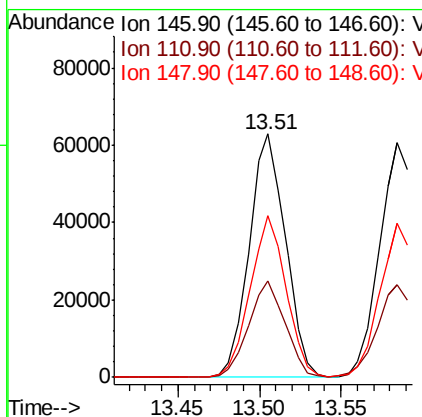
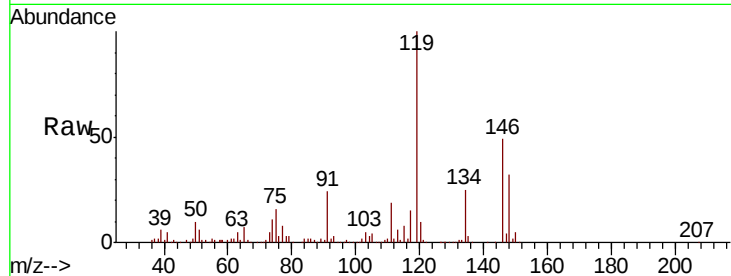




#87
 1,3-Dichlorobenzene
 Concen: 19.210 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

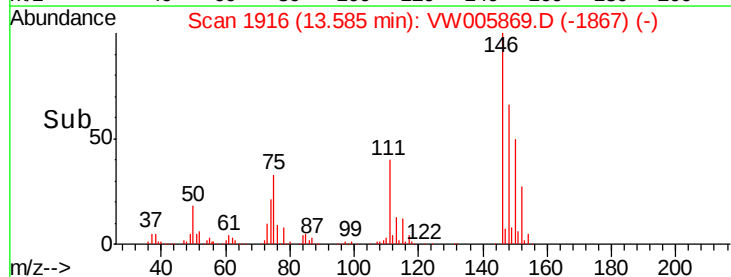
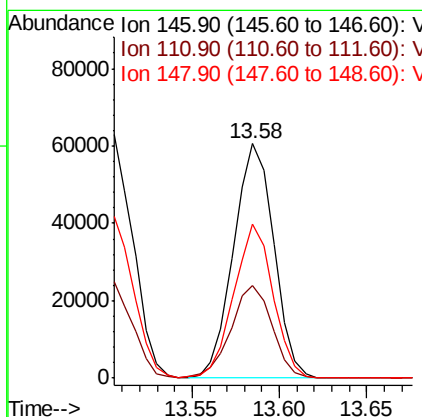
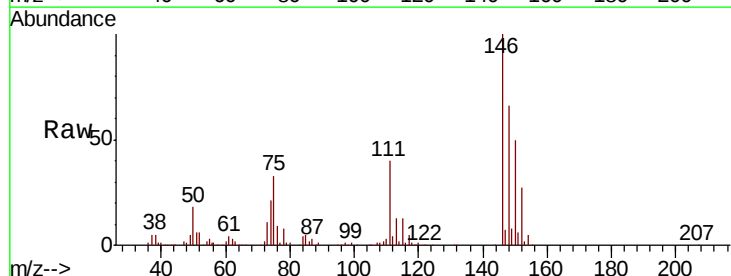
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

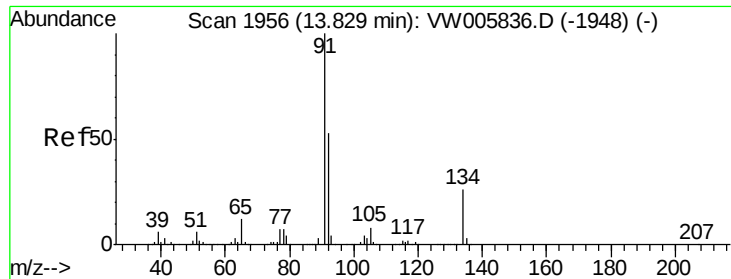
Tgt Ion:146 Resp: 97794
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.7
 148 65.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.188 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion:146 Resp: 97462
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.7 59.1
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 20.182 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

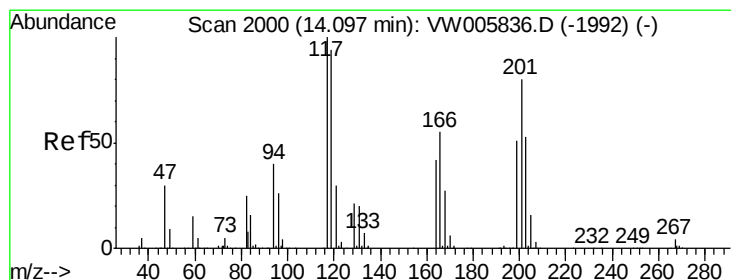
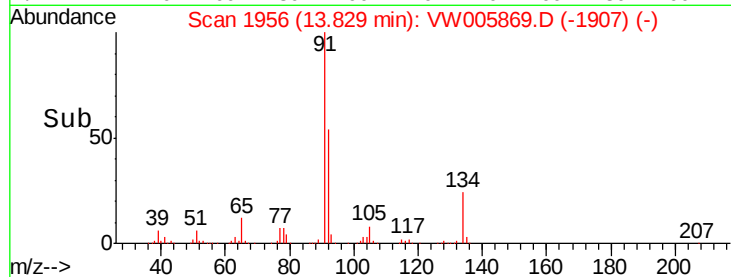
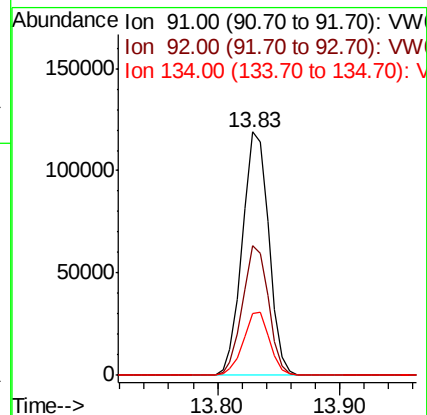
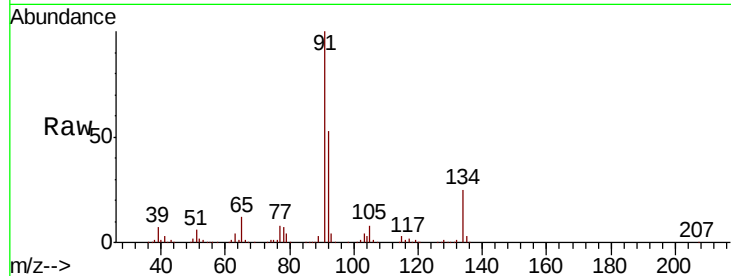
Tgt Ion: 91 Resp: 178276

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

134 25.6 13.1 39.1



#90

Hexachloroethane

Concen: 19.240 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW005869.D

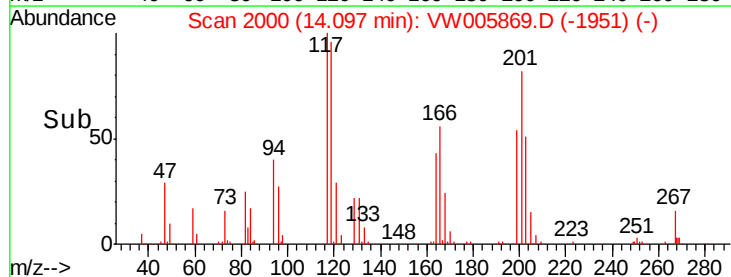
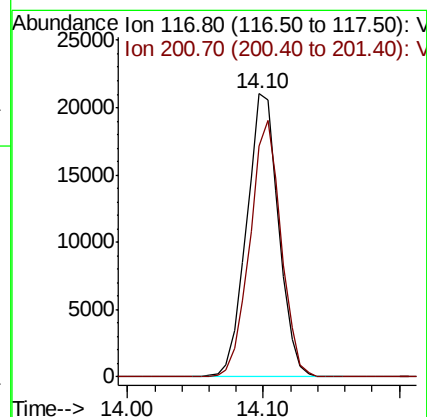
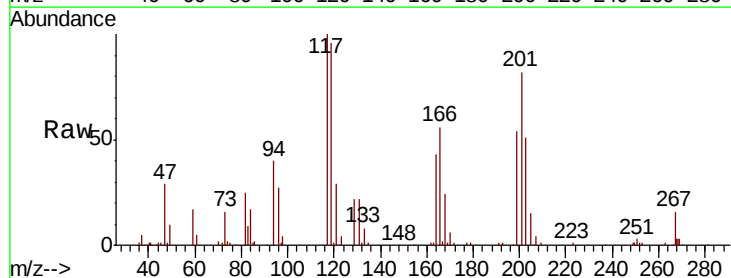
Acq: 05 Oct 2018 00:30

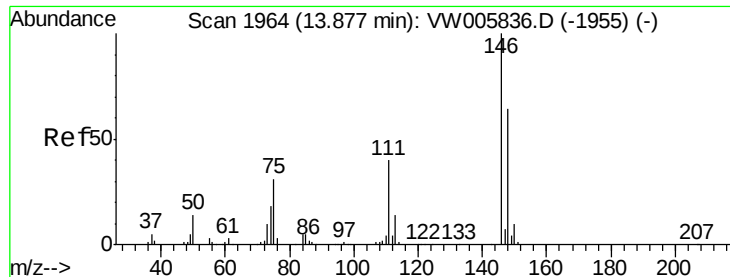
Tgt Ion: 117 Resp: 34696

Ion Ratio Lower Upper

117 100

201 87.9 43.7 131.1





#91

1,2-Dichlorobenzene

Concen: 20.069 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

VW1006SBS01

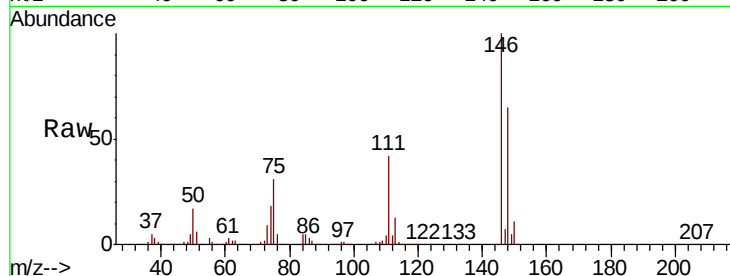
Tgt Ion:146 Resp: 91857

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

148 65.0 32.1 96.3

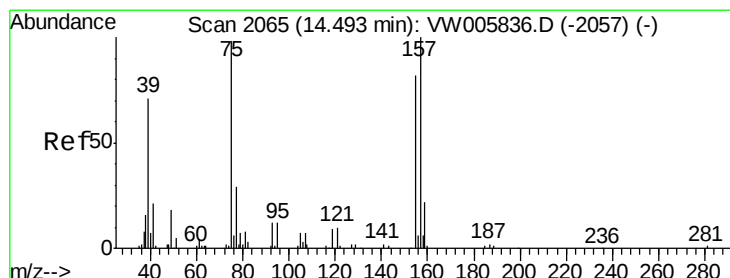
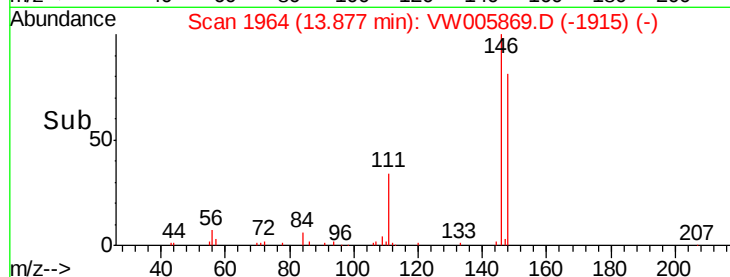
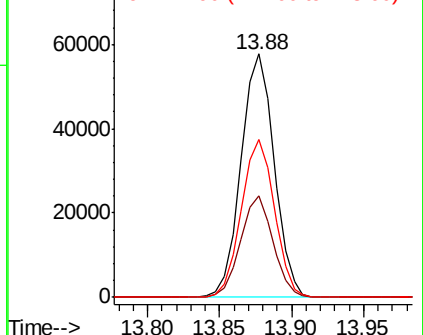


Abundance

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: 21.649 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005869.D

Acq: 05 Oct 2018 00:30

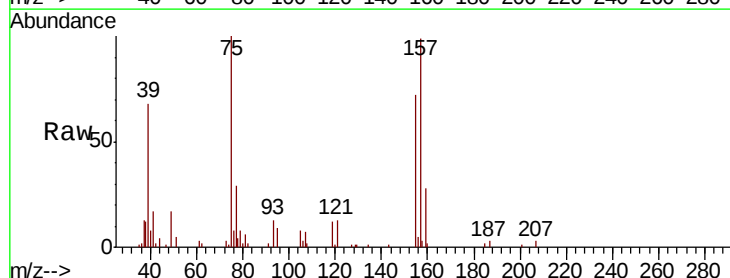
Tgt Ion: 75 Resp: 7340

Ion Ratio Lower Upper

75 100

155 79.1 41.3 123.9

157 101.8 51.9 155.7

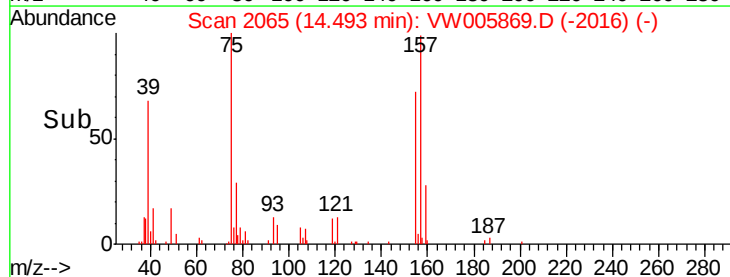
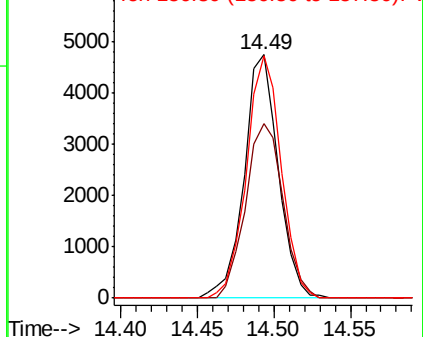


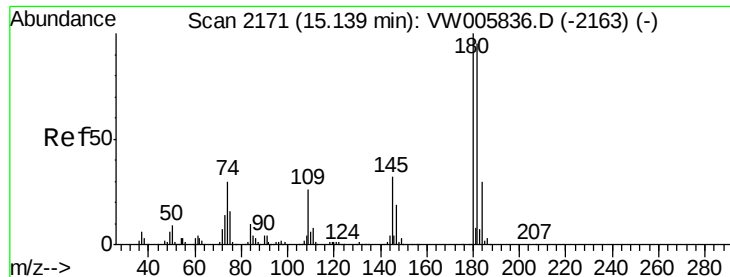
Abundance

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

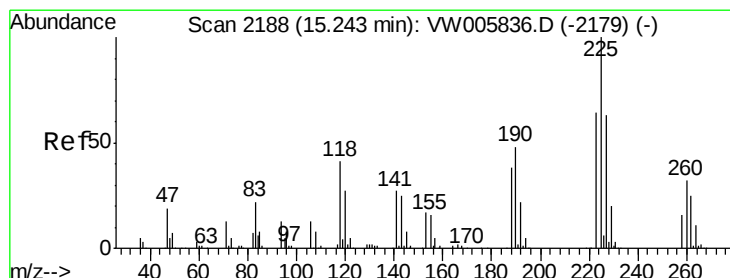
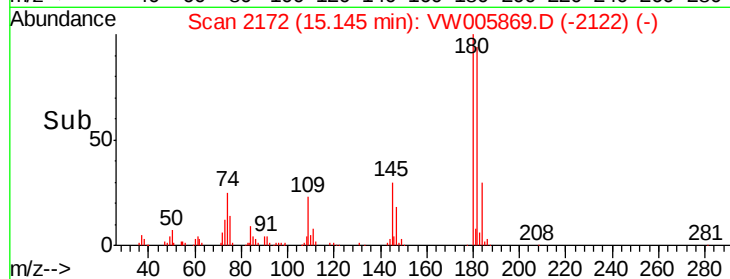
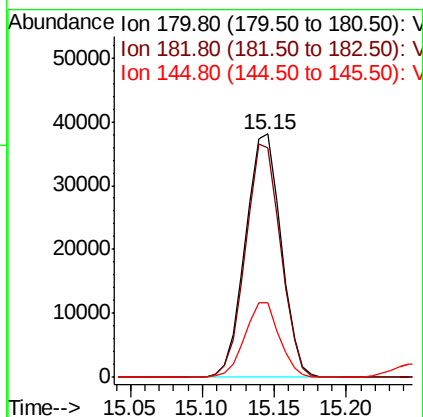
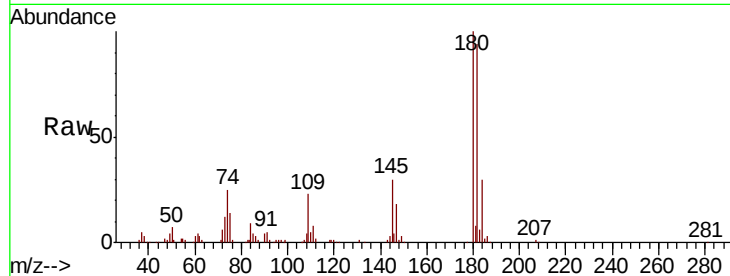




#93
 1,2,4-Trichlorobenzene
 Concen: 20.351 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

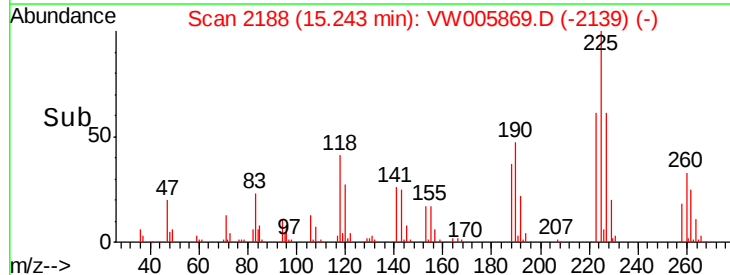
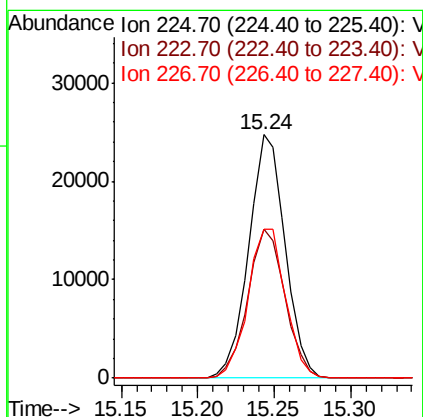
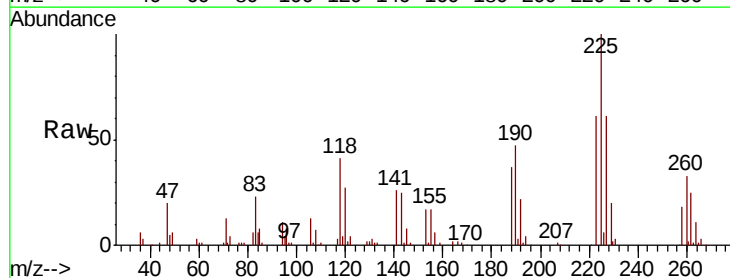
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

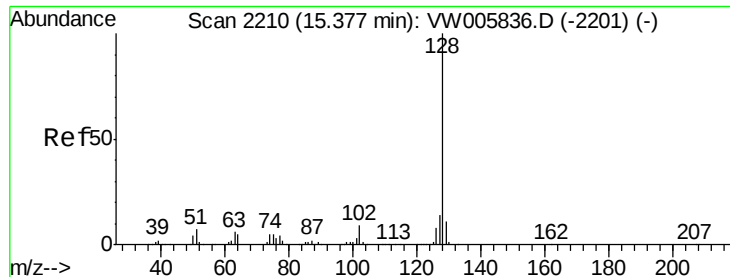
Tgt Ion:180 Resp: 65096
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.6 142.8
 145 29.9 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 20.226 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005869.D
 Acq: 05 Oct 2018 00:30

Tgt Ion:225 Resp: 40910
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.2 93.6
 227 63.1 31.7 95.1

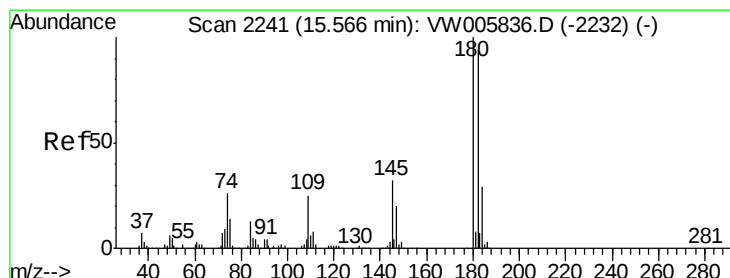
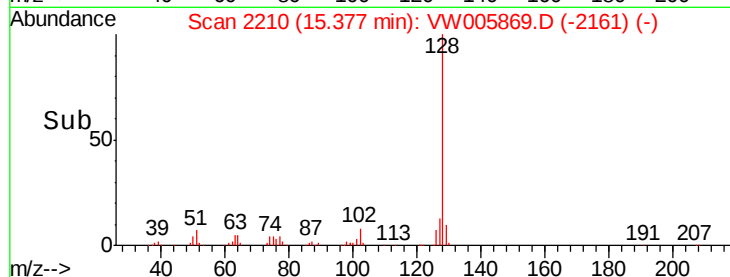
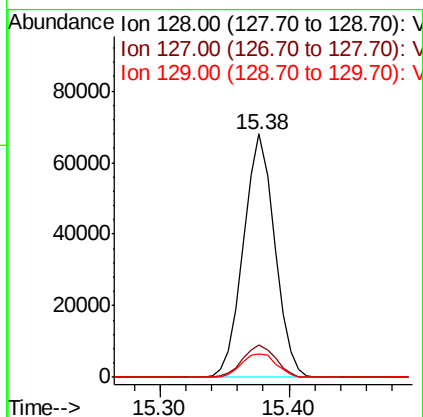
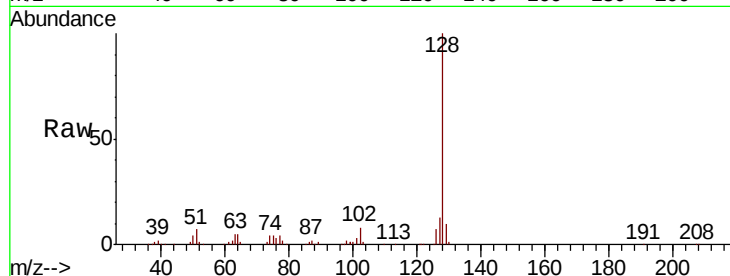




#95
Naphthalene
Concen: 20.112 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBS01

Tgt Ion:128 Resp: 114086
Ion Ratio Lower Upper
128 100
127 13.9 10.9 16.3
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.773 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005869.D
Acq: 05 Oct 2018 00:30

Tgt Ion:180 Resp: 59739
Ion Ratio Lower Upper
180 100
182 93.4 47.3 142.0
145 32.0 16.1 48.2

