

Data File : VW006002.D
Acq On : 10 Oct 2018 22:58
Operator : SY/AP
Sample : VW1011SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Quant Time: Oct 11 05:39:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111413	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.88	113	111821	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.32	98	428756	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.62	95	158470	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20501	19.015	ug/l	98
3) Chloromethane	2.21	50	27951	22.040	ug/l	99
4) Vinyl Chloride	2.37	62	41670	20.696	ug/l	95
5) Bromomethane	2.78	94	41168	25.908	ug/l	97
6) Chloroethane	2.92	64	30654	23.897	ug/l	97
7) Trichlorofluoromethane	3.25	101	31403	19.649	ug/l	95
8) Diethyl Ether	3.68	74	21031	21.382	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38693	19.184	ug/l	99
10) Methyl Iodide	4.27	142	65128	19.745	ug/l	100
11) Tert butyl alcohol	5.22	59	14178	90.575	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	36711	18.954	ug/l	96
13) Acrolein	3.89	56	12877	92.312	ug/l	95
14) Allyl chloride	4.66	41	53151	16.092	ug/l	96
15) Acrylonitrile	5.37	53	42533	99.362	ug/l	99
16) Acetone	4.14	43	35256	82.639	ug/l	98
17) Carbon Disulfide	4.38	76	93333	15.939	ug/l	98
18) Methyl Acetate	4.67	43	19498	18.111	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	61803	20.510	ug/l	99
20) Methylene Chloride	4.92	84	59533	27.852	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	41662	19.736	ug/l	98
22) Diisopropyl ether	6.31	45	115789	18.753	ug/l	95
23) Vinyl Acetate	6.26	43	350986	92.358	ug/l	99
24) 1,1-Dichloroethane	6.21	63	73388	19.423	ug/l	100
25) 2-Butanone	7.18	43	56799	93.604	ug/l	99
26) 2,2-Dichloropropane	7.17	77	42125	15.841	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	49388	20.688	ug/l	95
28) Bromochloromethane	7.51	49	29377	21.063	ug/l	90
29) Tetrahydrofuran	7.54	42	37011	96.487	ug/l	96
30) Chloroform	7.68	83	80196	20.663	ug/l	99
31) Cyclohexane	7.95	56	63934	17.098	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	64828	18.756	ug/l	100
36) 1,1-Dichloropropene	8.08	75	59633	18.731	ug/l	100
37) Ethyl Acetate	7.26	43	26006	19.289	ug/l	98
38) Carbon Tetrachloride	8.07	117	61293	17.919	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75041	17.870	ug/l	96
40) Benzene	8.32	78	172290	19.772	ug/l	98
41) Methacrylonitrile	7.49	41	16954	20.086	ug/l	98
42) 1,2-Dichloroethane	8.40	62	51617	19.607	ug/l	98
43) Isopropyl Acetate	8.43	43	51477	18.278	ug/l	97
44) Trichloroethene	9.09	130	50802	20.094	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41670	19.105	ug/l	99
46) Dibromomethane	9.46	93	24491	20.430	ug/l	99
47) Bromodichloromethane	9.65	83	56853	18.847	ug/l	97
48) Methyl methacrylate	9.44	41	23781	17.726	ug/l	90
49) 1,4-Dioxane	9.48	88	7800	428.364	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	133117	97.064	ug/l	98
52) Toluene	10.39	92	111688	19.511	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53050	16.828	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62504	17.638	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34077	20.524	ug/l	99
56) Ethyl methacrylate	10.65	69	43056	19.240	ug/l	94
57) 1,3-Dichloropropane	10.93	76	57167	20.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	93071	102.211	ug/l	99
59) 2-Hexanone	10.98	43	89273	90.785	ug/l	96
60) Dibromochloromethane	11.13	129	41006	19.138	ug/l	98
61) 1,2-Dibromoethane	11.24	107	34358	20.708	ug/l	99
64) Tetrachloroethene	10.87	164	46179	20.310	ug/l	96
65) Chlorobenzene	11.66	112	132704	20.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45689	19.065	ug/l	99
67) Ethyl Benzene	11.73	91	223443	19.348	ug/l	96
68) m/p-Xylenes	11.84	106	176765	39.167	ug/l	98
69) o-Xylene	12.17	106	85706	19.836	ug/l	97
70) Styrene	12.18	104	138745	19.354	ug/l	98
71) Bromoform	12.35	173	25201	17.654	ug/l #	100
73) Isopropylbenzene	12.47	105	233648	18.941	ug/l	99
74) N-amyl acetate	12.28	43	51124	17.451	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	40846	20.202	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	51021	33.816	ug/l #	100
77) Bromobenzene	12.75	156	58902	20.155	ug/l	96
78) n-propylbenzene	12.81	91	275766	19.004	ug/l	99
79) 2-Chlorotoluene	12.90	91	156315	19.083	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	198731	19.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10362	14.499	ug/l	94
82) 4-Chlorotoluene	12.99	91	165383	19.190	ug/l	98
83) tert-Butylbenzene	13.21	119	178182	19.237	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	203731	19.394	ug/l	99
85) sec-Butylbenzene	13.39	105	249503	19.190	ug/l	100
86) p-Isopropyltoluene	13.51	119	226415	19.364	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	117403	20.221	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	117456	20.358	ug/l	100
89) n-Butylbenzene	13.83	91	207507	18.827	ug/l	99
90) Hexachloroethane	14.10	117	36319	16.516	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	106832	20.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6738	17.883	ug/l	98

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

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Instrument :
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ClientSampleId :
VW1011SBSD01

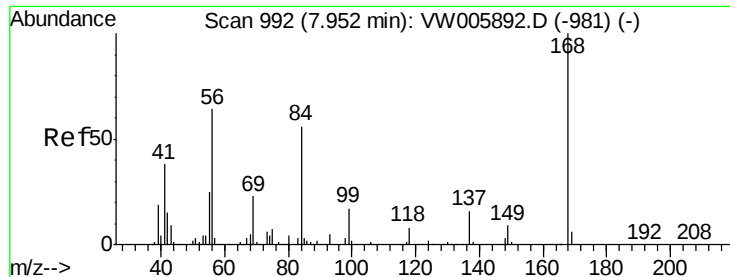
Quant Time: Oct 11 05:39:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	80241	20.076	ug/l	100
94) Hexachlorobutadiene	15.24	225	47830	19.172	ug/l	99
95) Naphthalene	15.38	128	143046	20.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71726	20.725	ug/l	99

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

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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: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

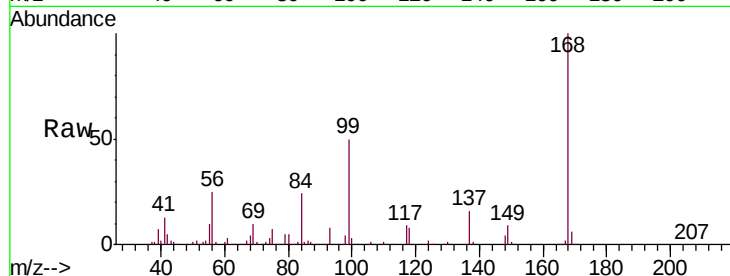
VW1011SBSD01

Tgt Ion:168 Resp: 220017

Ion Ratio Lower Upper

168 100

99 49.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

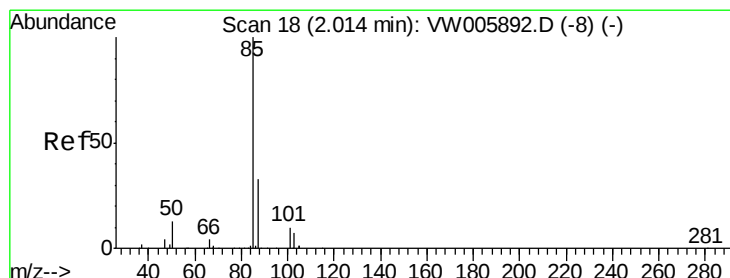
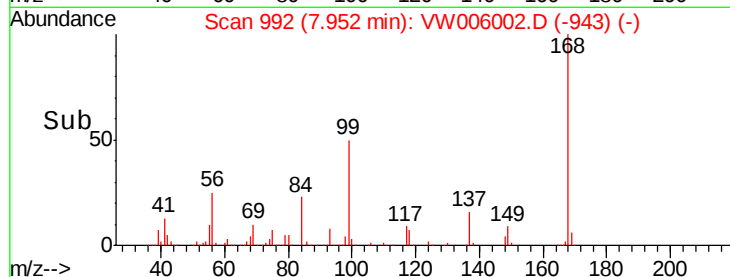
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.015 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006002.D

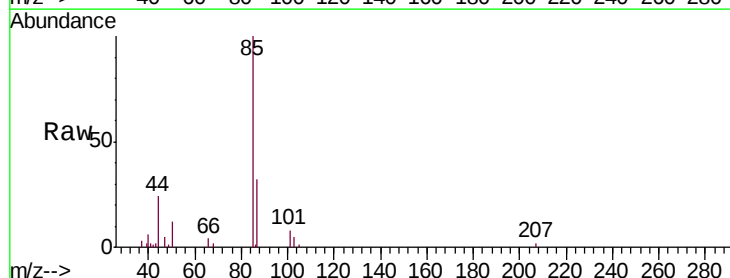
Acq: 10 Oct 2018 22:58

Tgt Ion: 85 Resp: 20501

Ion Ratio Lower Upper

85 100

87 32.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

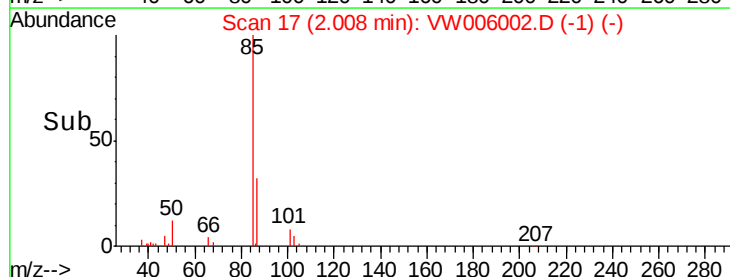
4000

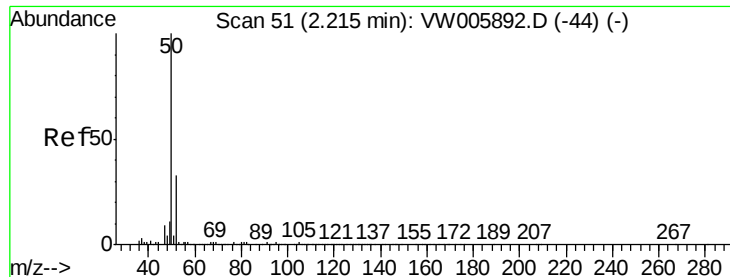
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 22.040 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

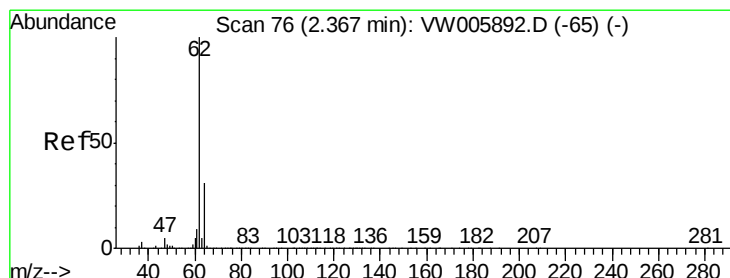
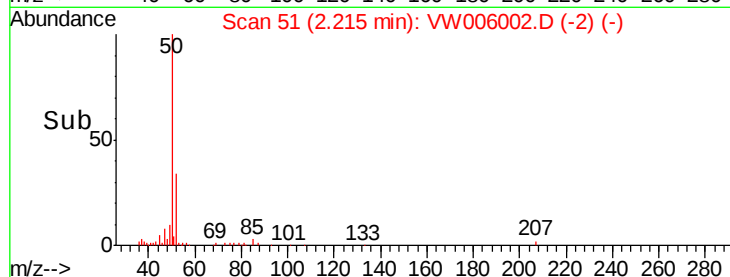
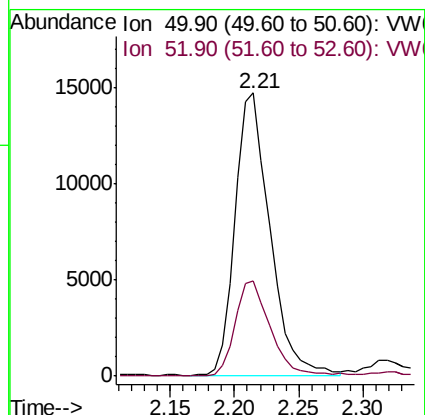
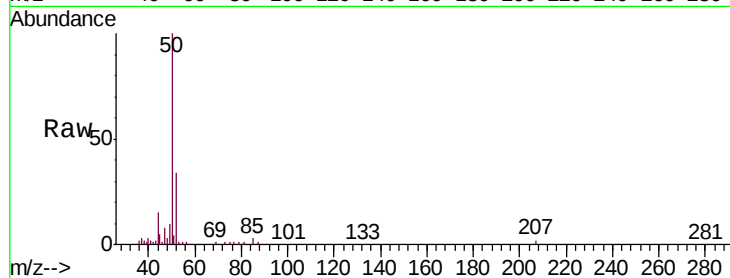
VW1011SBSD01

Tgt Ion: 50 Resp: 27951

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 20.696 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW006002.D

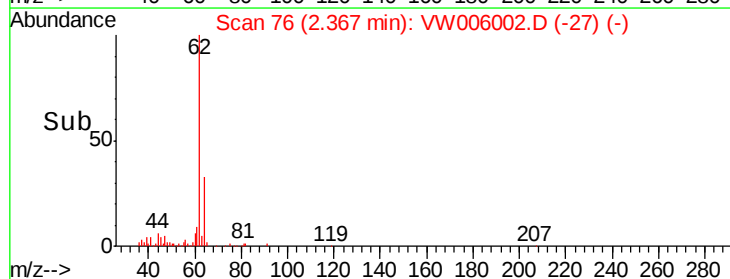
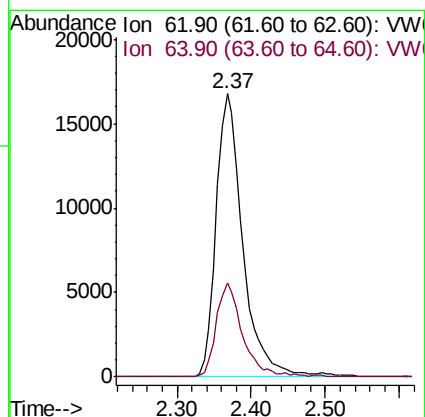
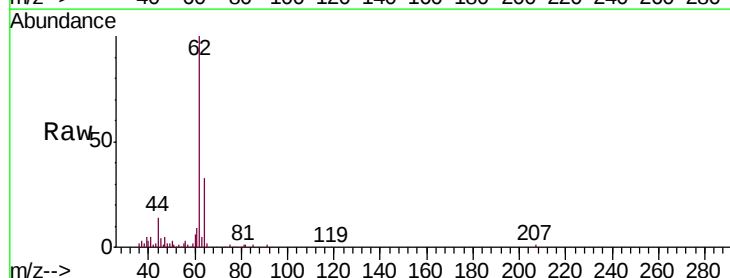
Acq: 10 Oct 2018 22:58

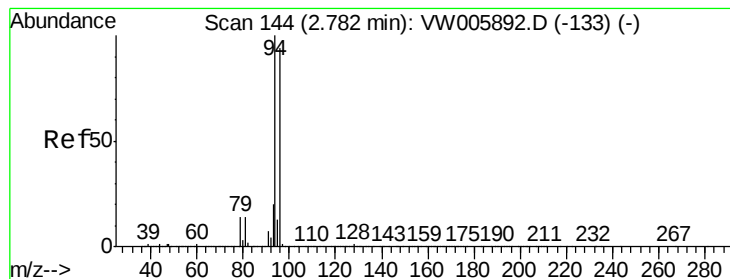
Tgt Ion: 62 Resp: 41670

Ion Ratio Lower Upper

62 100

64 33.3 24.6 36.8





#5

Bromomethane

Concen: 25.908 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

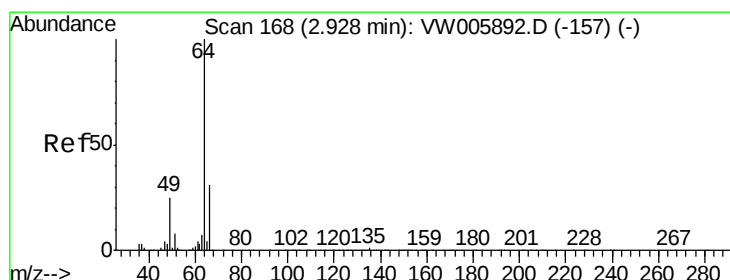
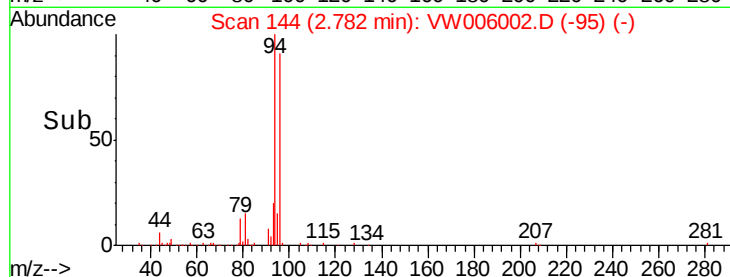
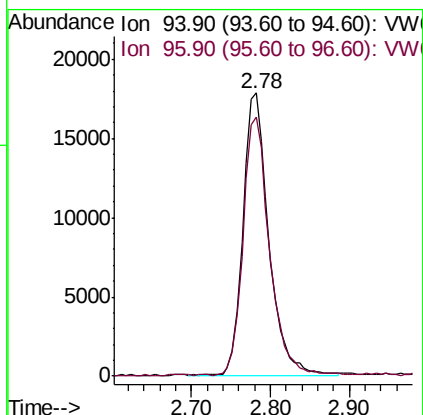
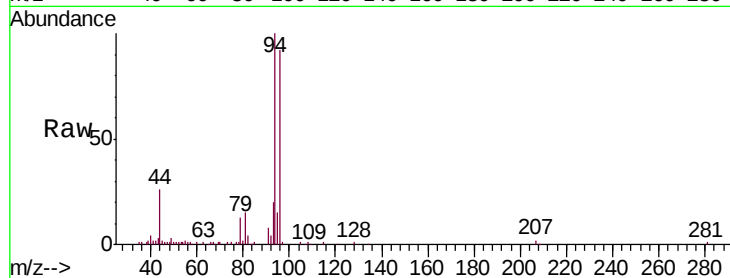
VW1011SBSD01

Tgt Ion: 94 Resp: 41168

Ion Ratio Lower Upper

94 100

96 91.2 75.0 112.4



#6

Chloroethane

Concen: 23.897 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006002.D

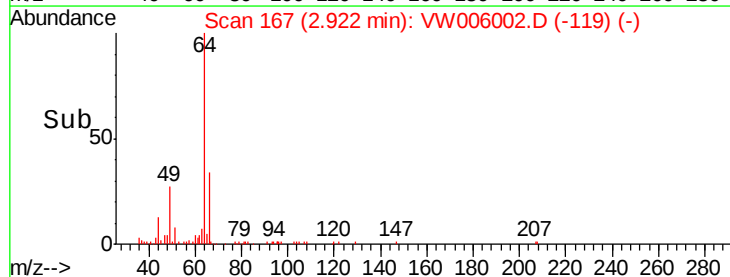
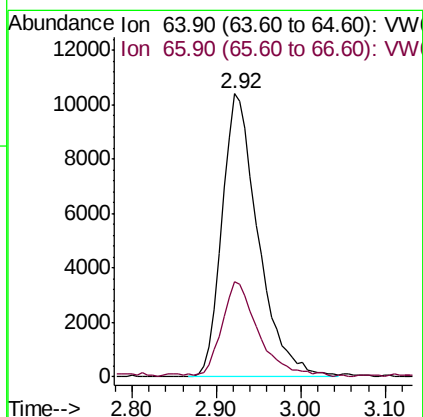
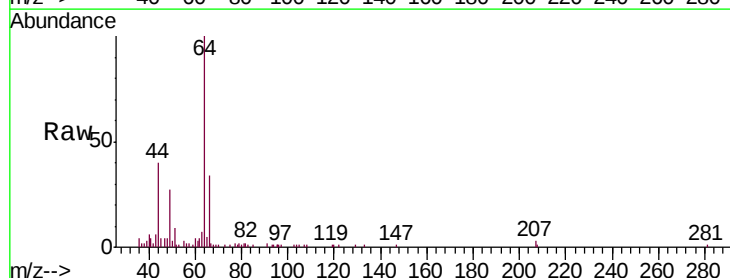
Acq: 10 Oct 2018 22:58

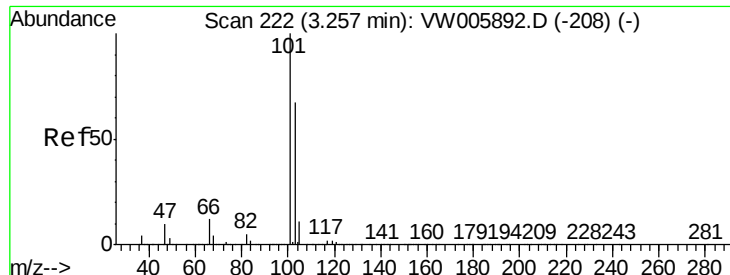
Tgt Ion: 64 Resp: 30654

Ion Ratio Lower Upper

64 100

66 32.8 25.0 37.4



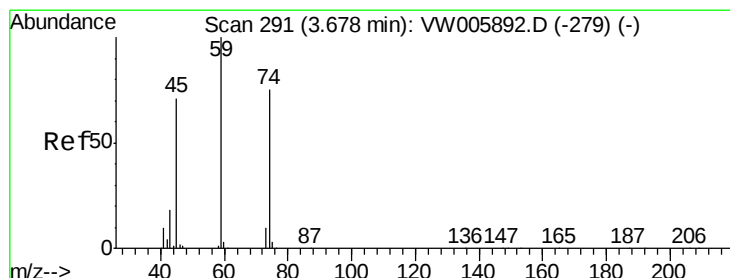
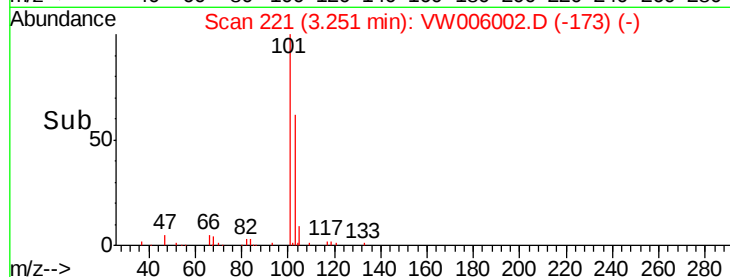
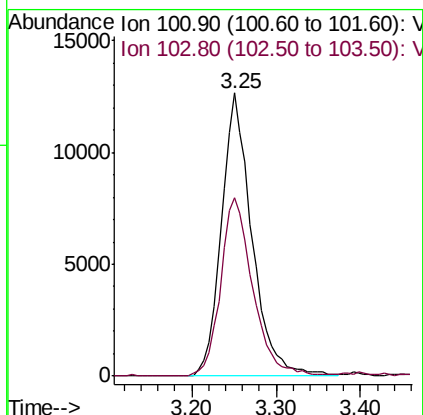
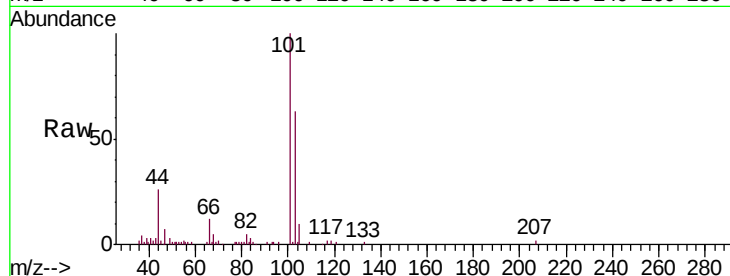


#7

Trichlorofluoromethane
 Concen: 19.649 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW006002.D
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 VW1011SBSD01

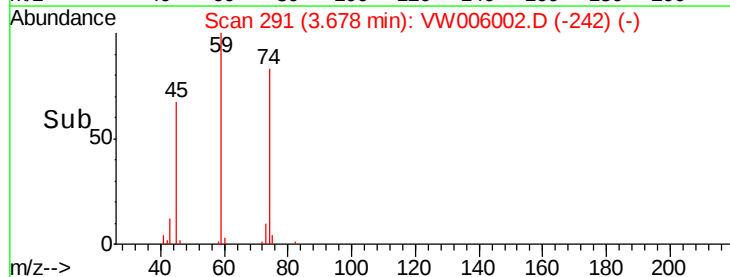
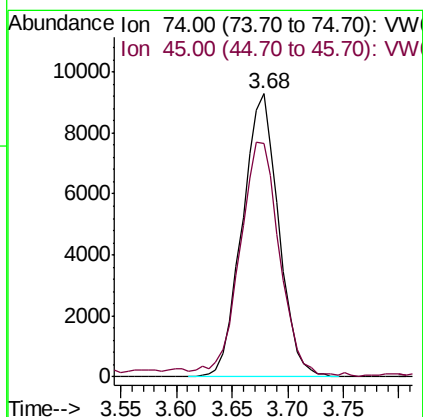
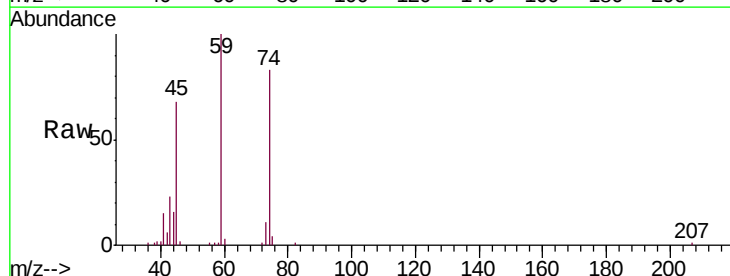
Tgt Ion: 101 Resp: 31403
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.5 80.3

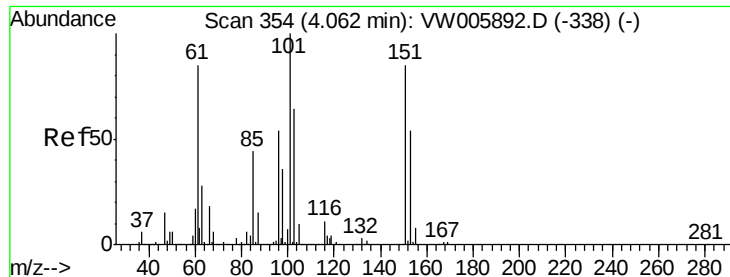


#8

Diethyl Ether
 Concen: 21.382 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion: 74 Resp: 21031
 Ion Ratio Lower Upper
 74 100
 45 87.6 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.184 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

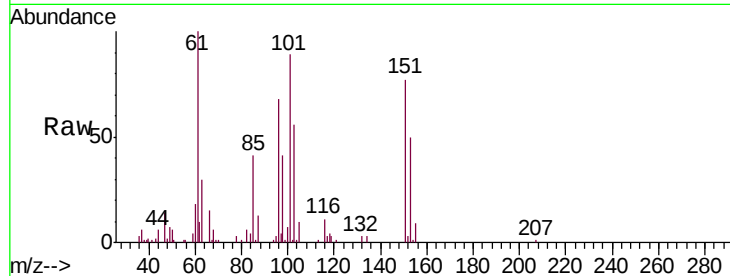
Tgt Ion:101 Resp: 38693

Ion Ratio Lower Upper

101 100

85 42.8 35.1 52.7

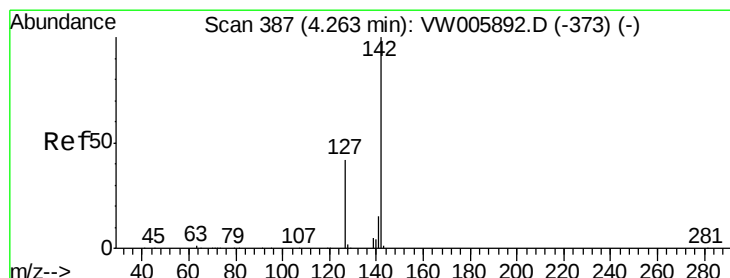
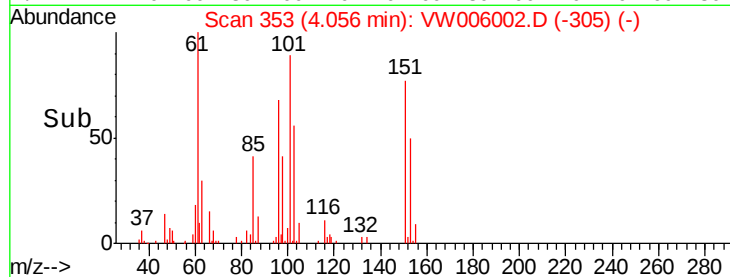
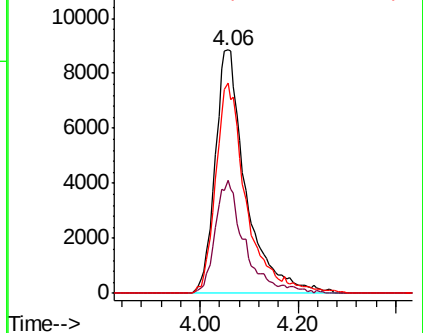
151 85.0 67.7 101.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.745 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

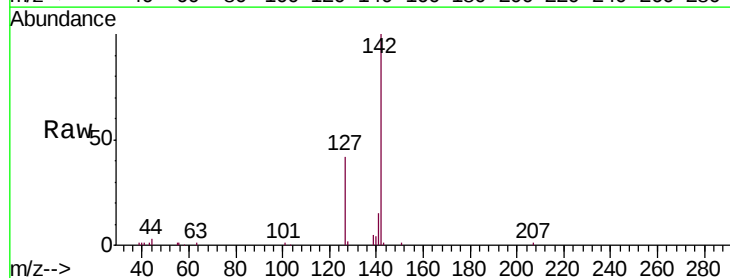
Tgt Ion:142 Resp: 65128

Ion Ratio Lower Upper

142 100

127 42.0 33.7 50.5

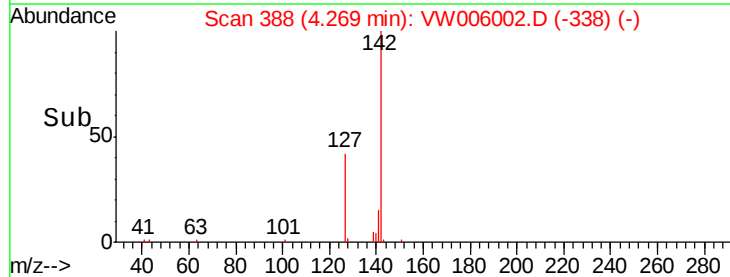
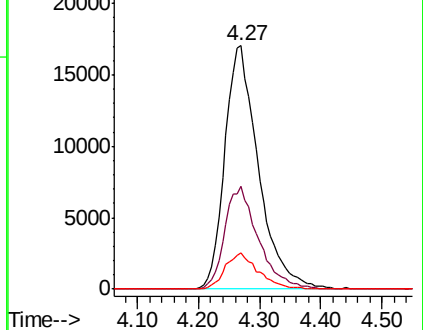
141 14.5 11.5 17.3

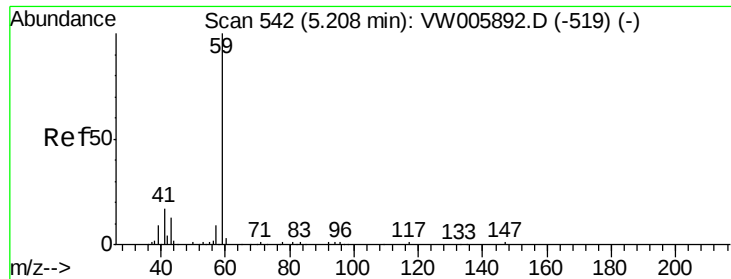


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

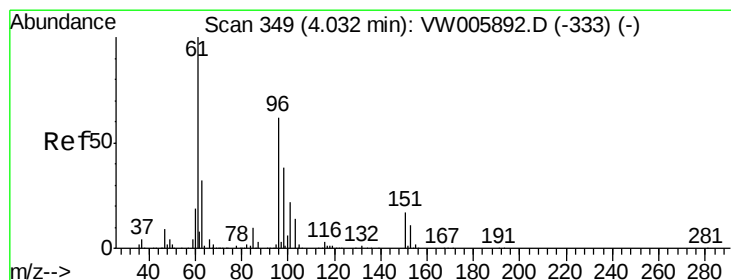
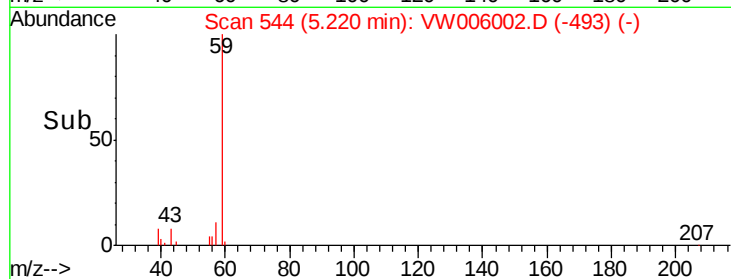
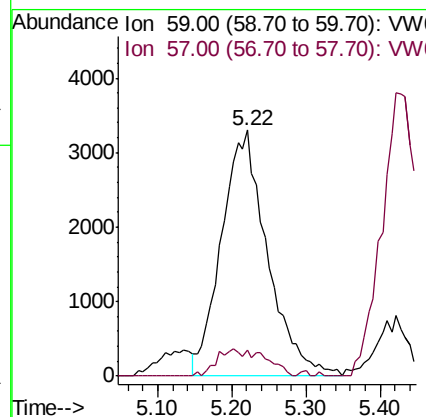
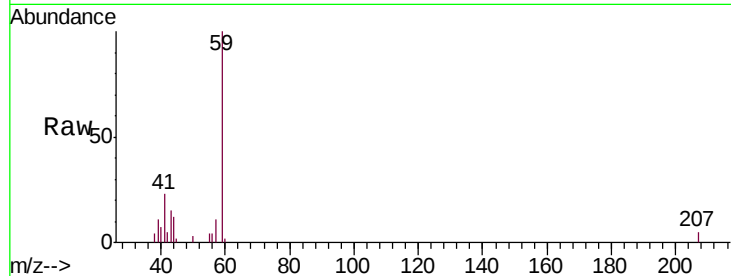




#11
Tert butyl alcohol
Concen: 90.575 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

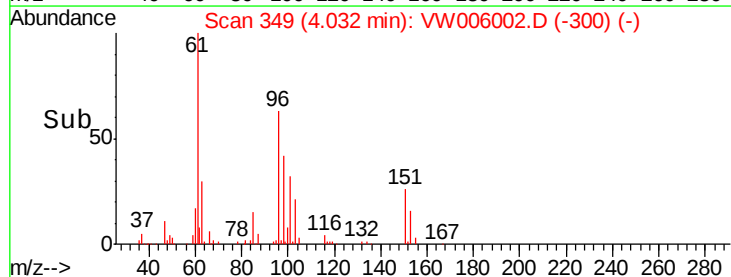
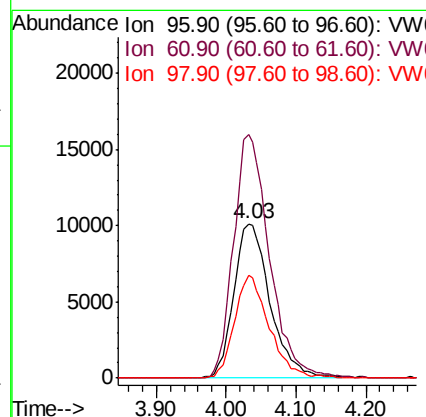
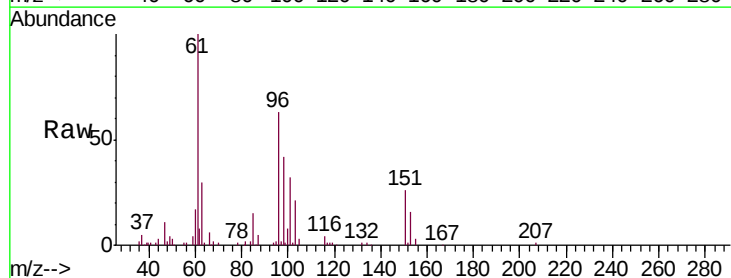
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion: 59 Resp: 14178
Ion Ratio Lower Upper
59 100
57 6.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 18.954 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 96 Resp: 36711
Ion Ratio Lower Upper
96 100
61 157.5 128.6 193.0
98 66.9 49.4 74.0





#13

Acrolein

Concen: 92.312 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

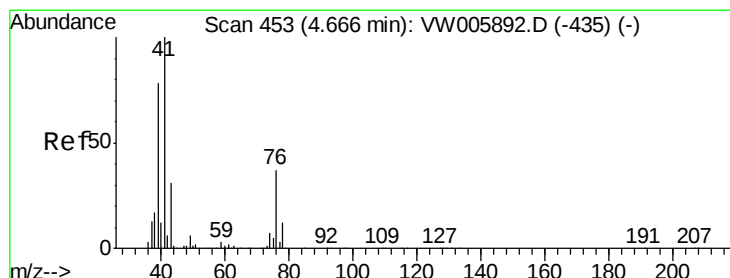
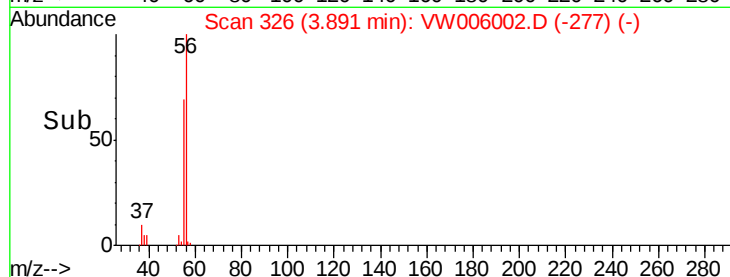
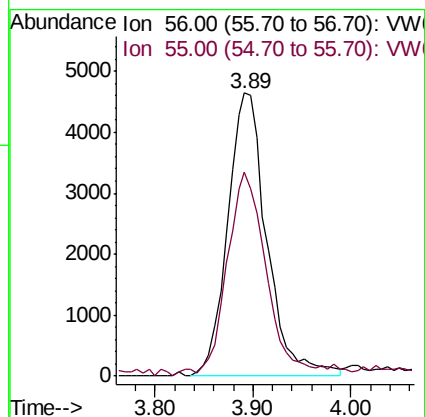
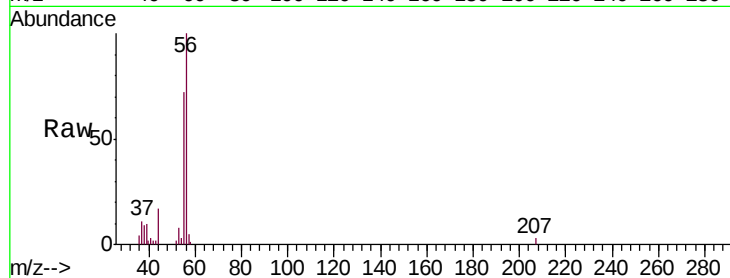
VW1011SBSD01

Tgt Ion: 56 Resp: 12877

Ion Ratio Lower Upper

56 100

55 72.5 54.6 82.0



#14

Allyl chloride

Concen: 16.092 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

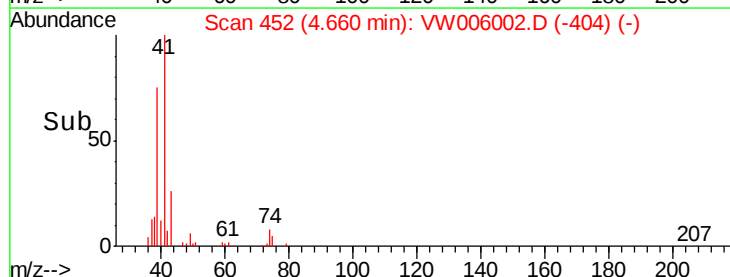
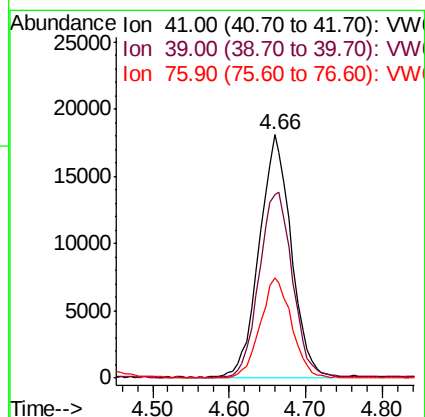
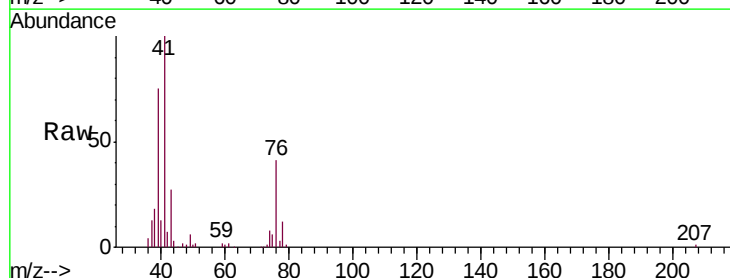
Tgt Ion: 41 Resp: 53151

Ion Ratio Lower Upper

41 100

39 78.5 60.8 91.2

76 40.3 29.6 44.4





#15

Acrylonitrile

Concen: 99.362 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

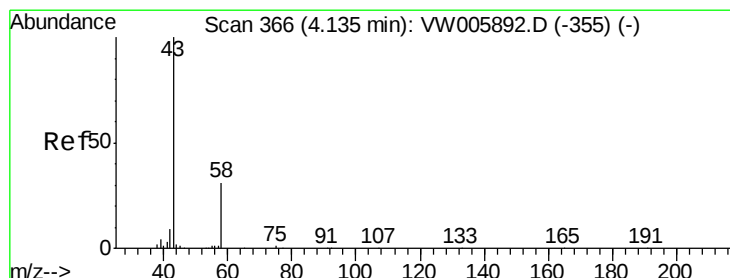
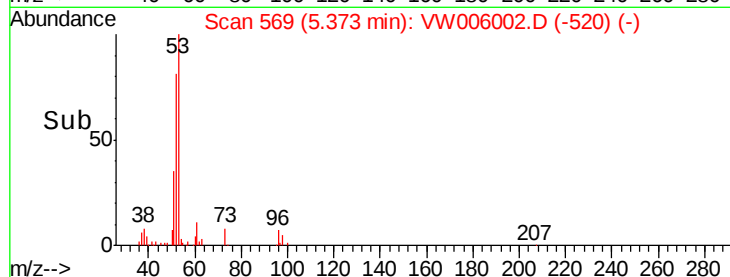
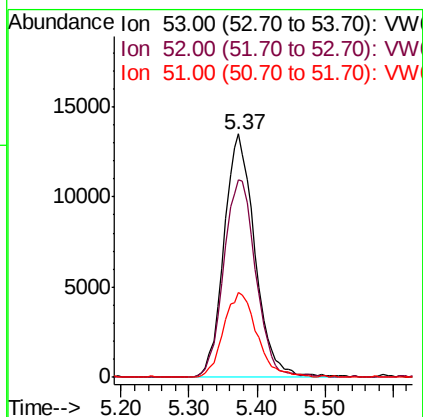
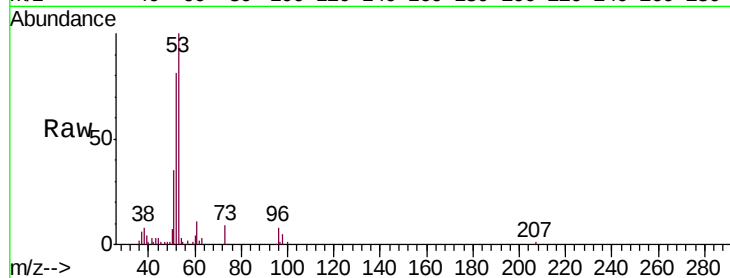
Tgt Ion: 53 Resp: 42533

Ion Ratio Lower Upper

53 100

52 83.9 66.8 100.2

51 37.7 29.8 44.6



#16

Acetone

Concen: 82.639 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW006002.D

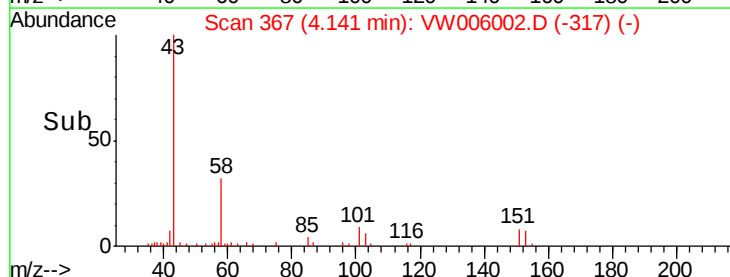
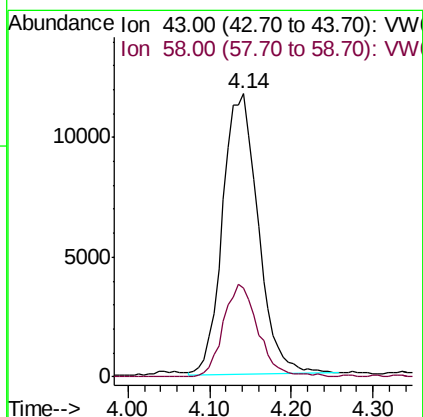
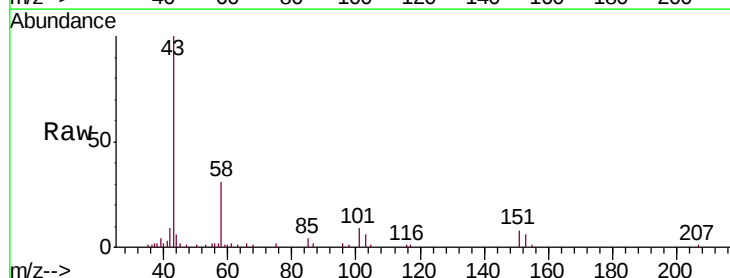
Acq: 10 Oct 2018 22:58

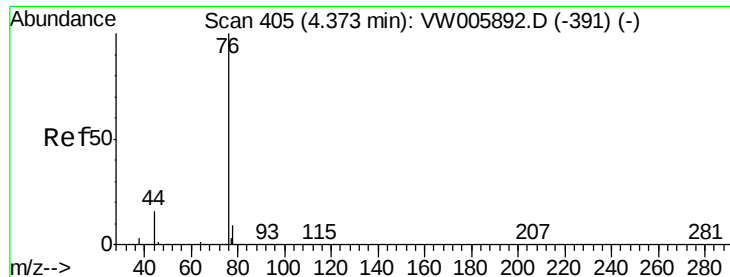
Tgt Ion: 43 Resp: 35256

Ion Ratio Lower Upper

43 100

58 31.8 24.7 37.1





#17

Carbon Disulfide

Concen: 15.939 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

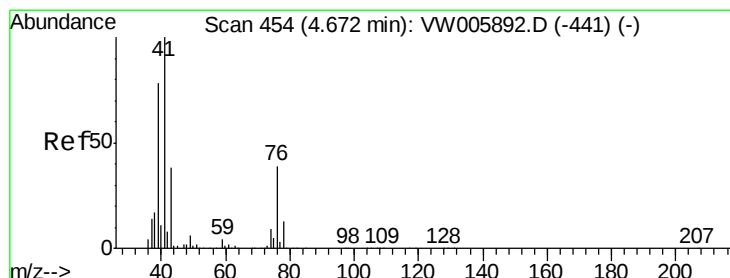
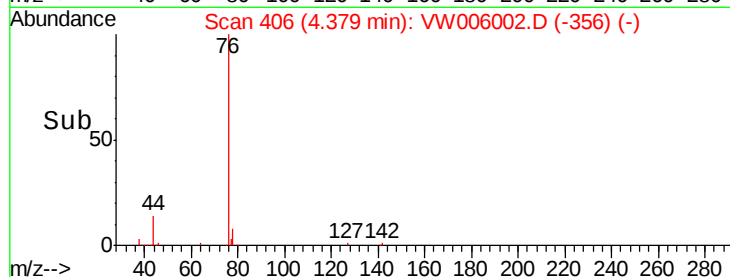
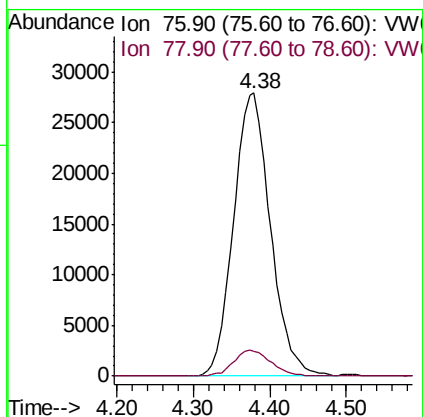
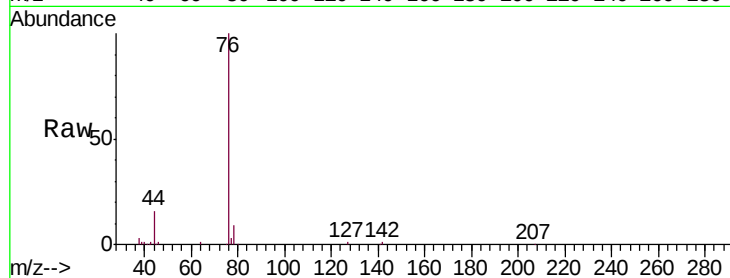
VW1011SBSD01

Tgt Ion: 76 Resp: 93333

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0



#18

Methyl Acetate

Concen: 18.111 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW006002.D

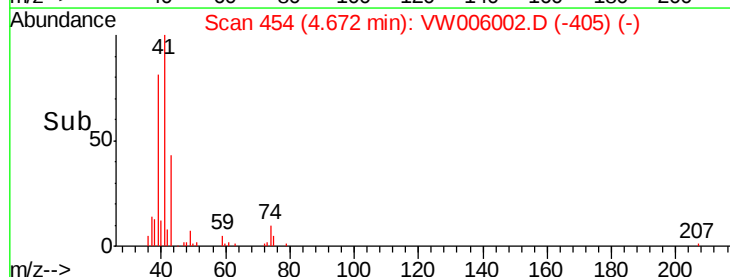
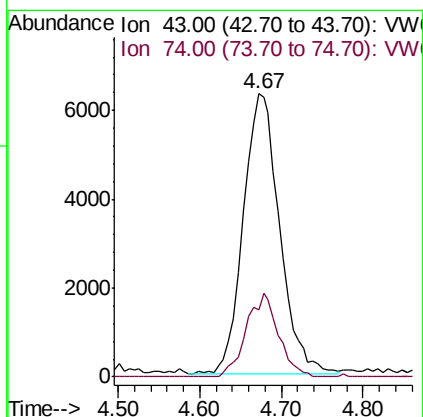
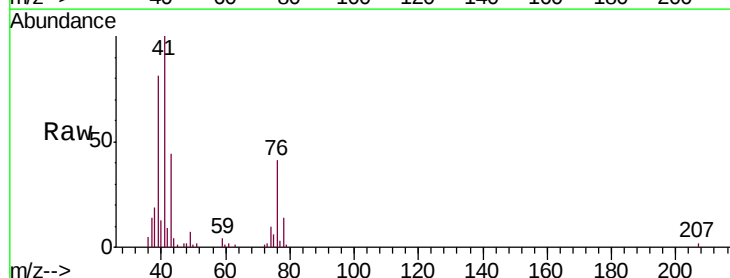
Acq: 10 Oct 2018 22:58

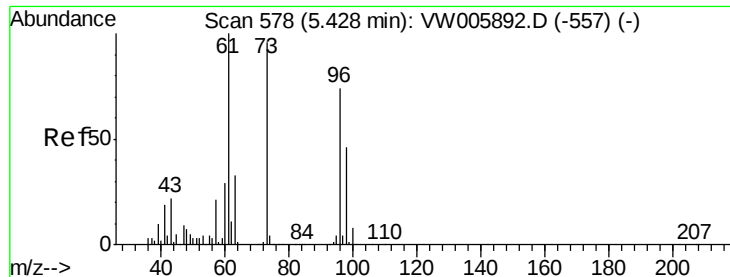
Tgt Ion: 43 Resp: 19498

Ion Ratio Lower Upper

43 100

74 26.5 19.2 28.8

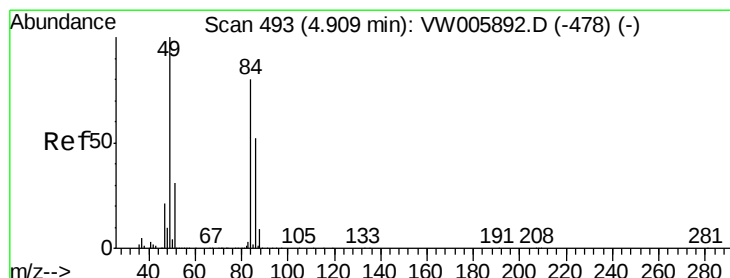
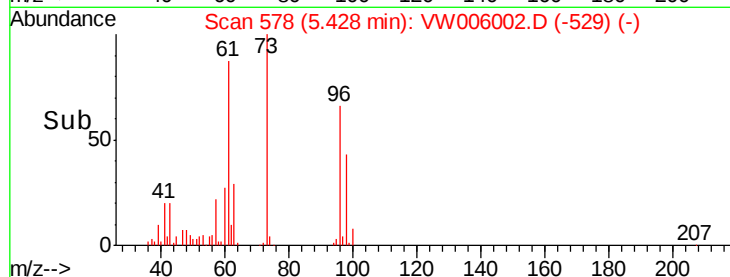
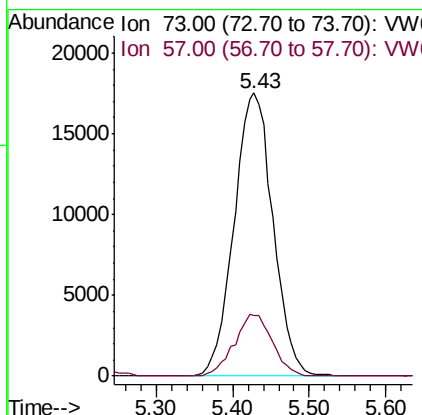
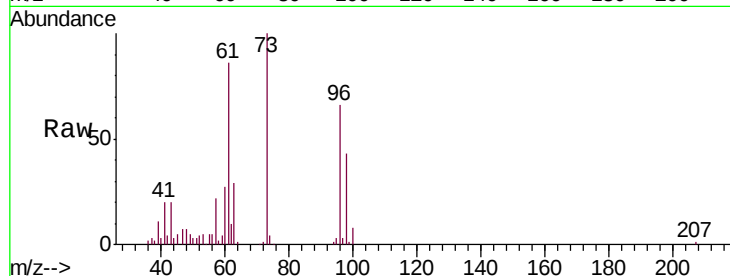




#19
Methyl tert-butyl Ether
Concen: 20.510 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

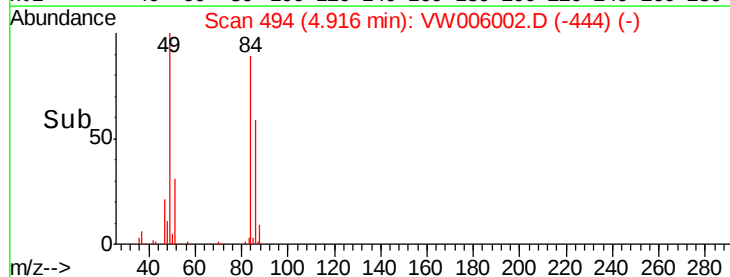
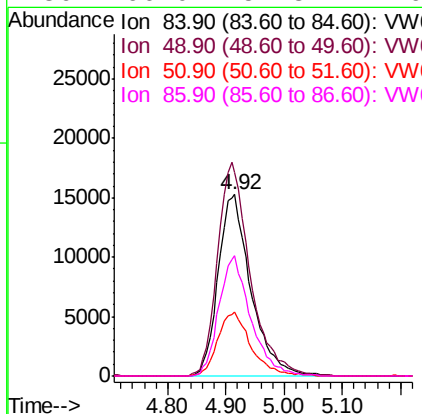
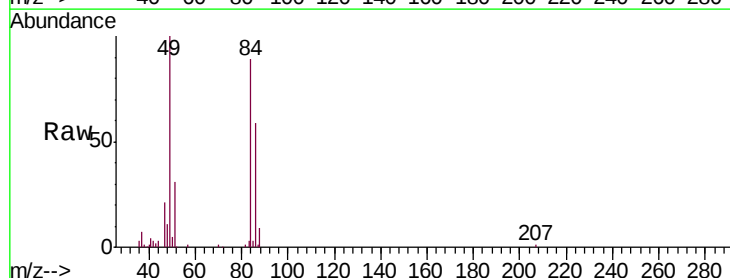
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

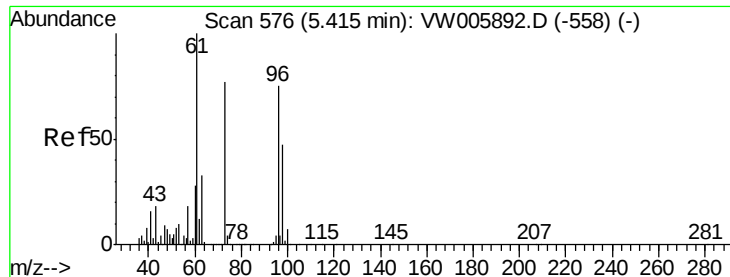
Tgt Ion: 73 Resp: 61803
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 27.852 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 84 Resp: 59533
Ion Ratio Lower Upper
84 100
49 112.4 99.9 149.9
51 35.3 31.1 46.7
86 66.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.736 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

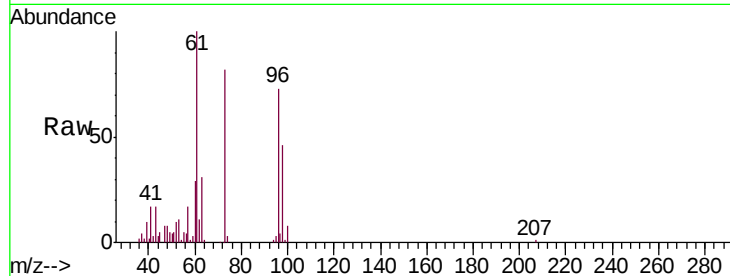
Tgt Ion: 96 Resp: 41662

Ion Ratio Lower Upper

96 100

61 136.3 107.4 161.0

98 62.6 50.8 76.2

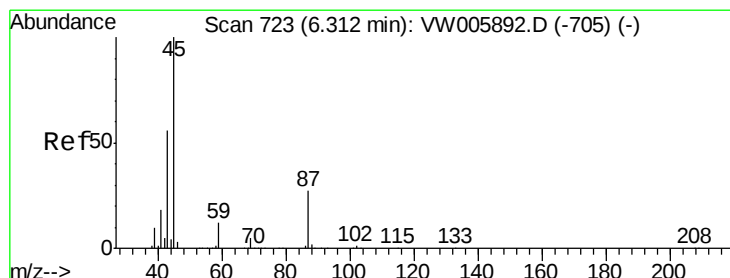
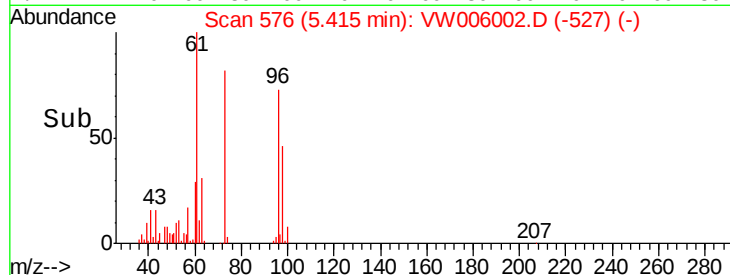
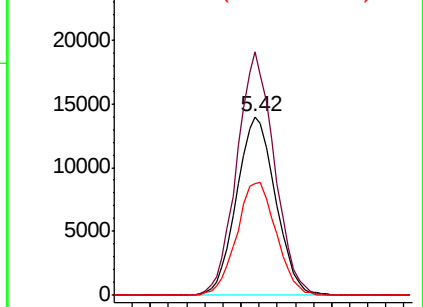


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 18.753 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion: 45 Resp: 115789

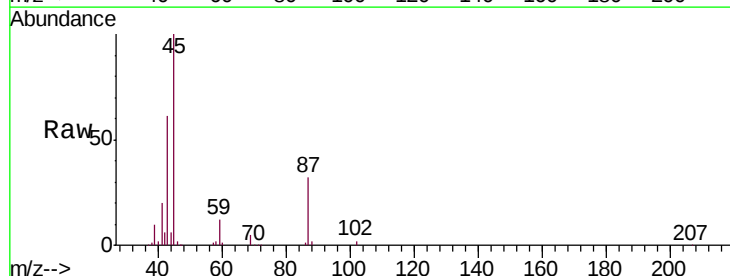
Ion Ratio Lower Upper

45 100

43 60.0 45.9 68.9

87 32.4 22.2 33.4

59 12.3 9.4 14.0



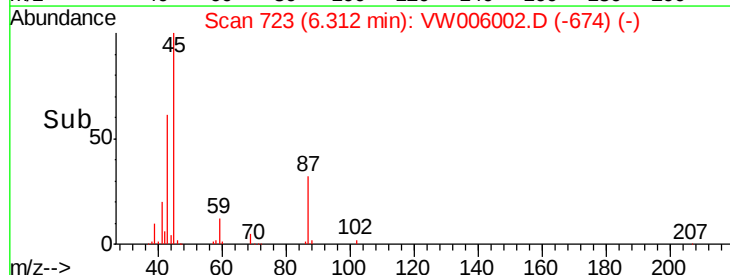
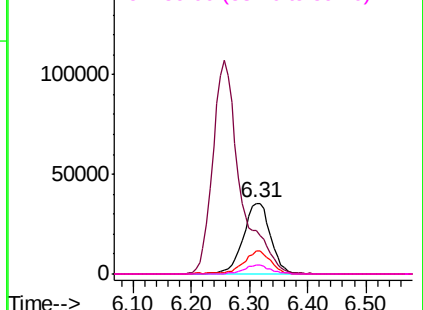
Abundance

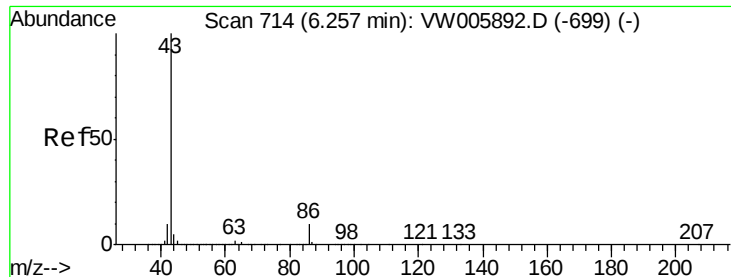
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

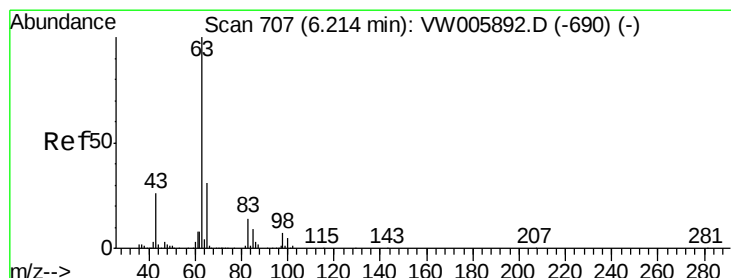
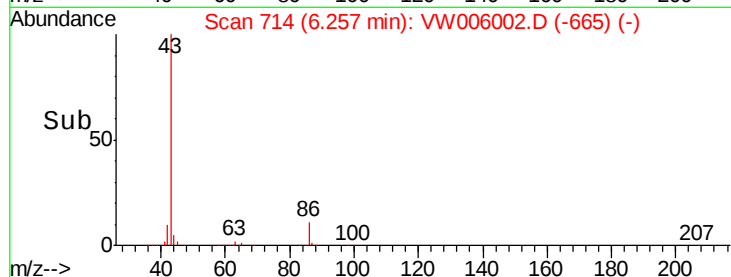
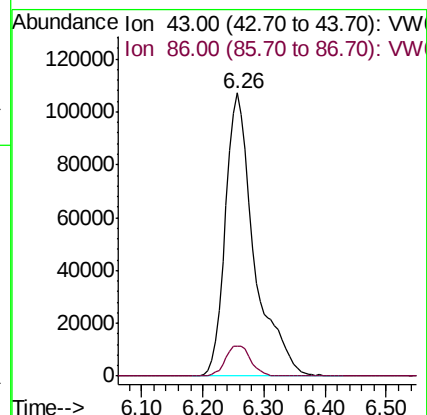
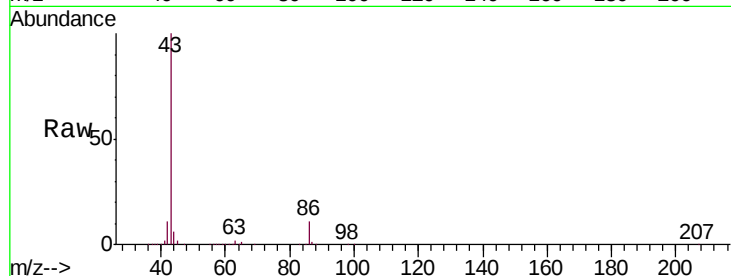




#23
 Vinyl Acetate
 Concen: 92.358 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

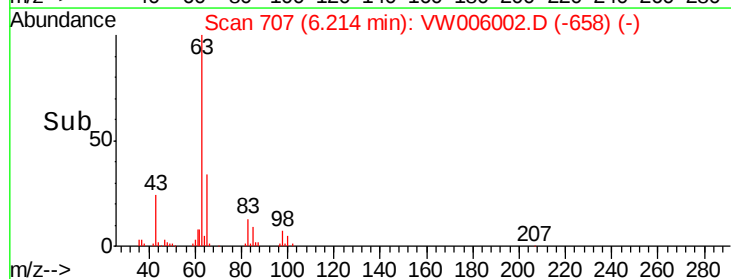
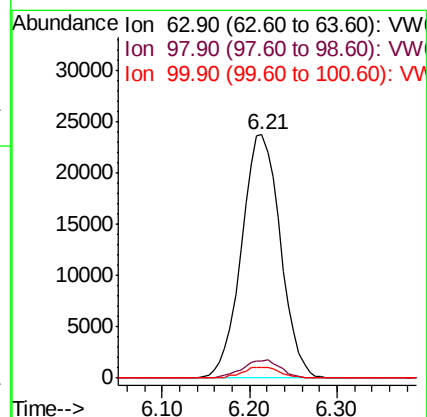
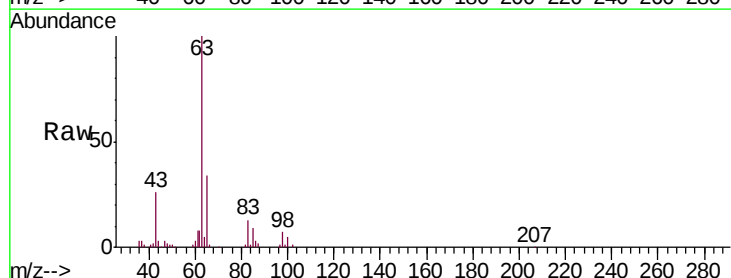
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tgt Ion: 43 Resp: 350986
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 19.423 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion: 63 Resp: 73388
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.5 2.4 7.1





#25

2-Butanone

Concen: 93.604 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

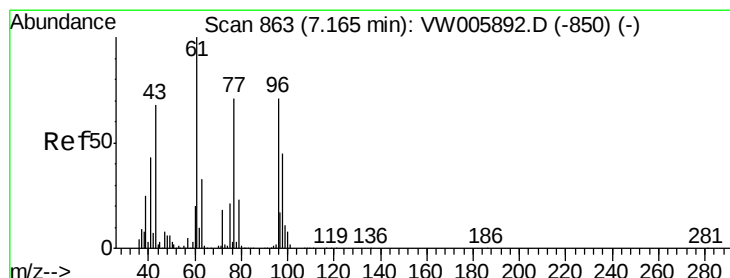
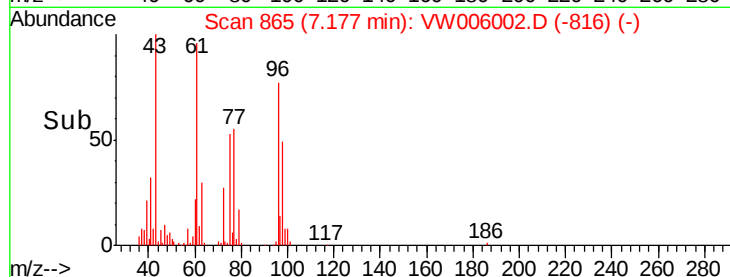
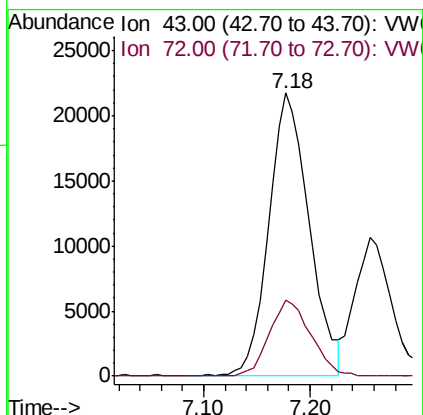
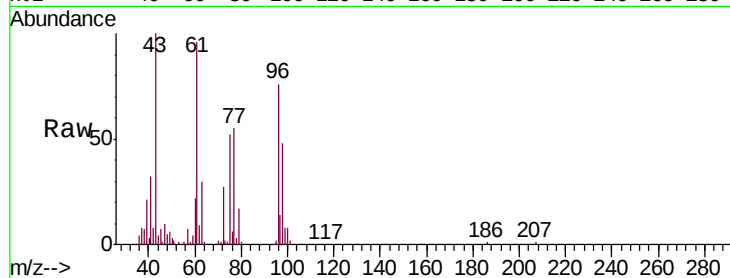
VW1011SBSD01

Tgt Ion: 43 Resp: 56799

Ion Ratio Lower Upper

43 100

72 26.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 15.841 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW006002.D

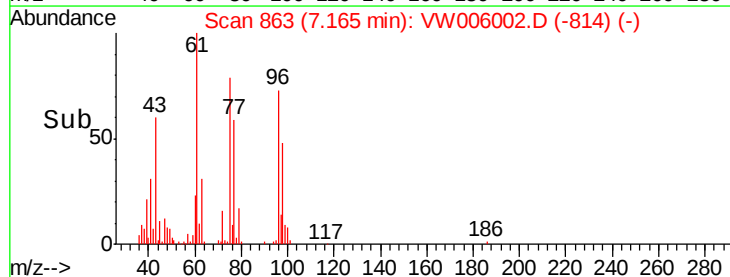
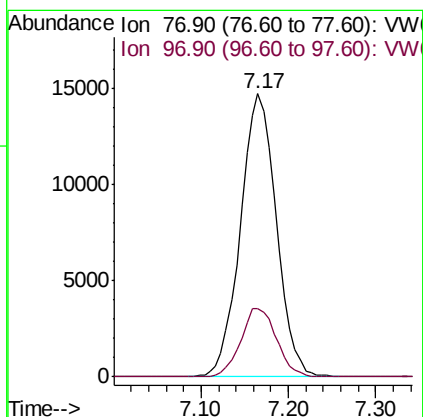
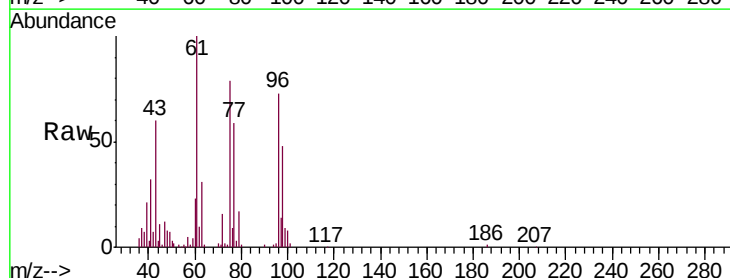
Acq: 10 Oct 2018 22:58

Tgt Ion: 77 Resp: 42125

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.7



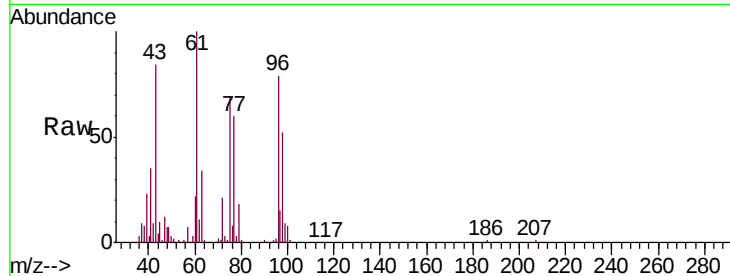


#27

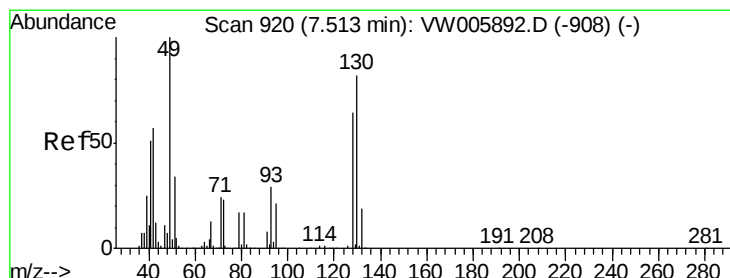
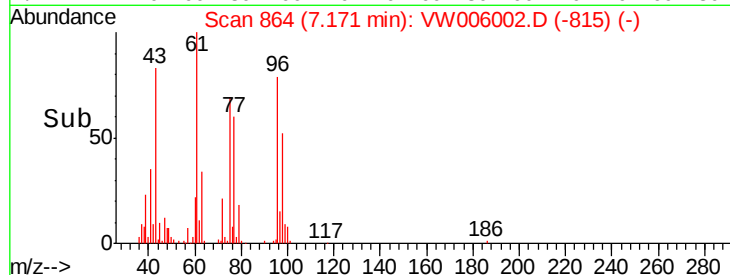
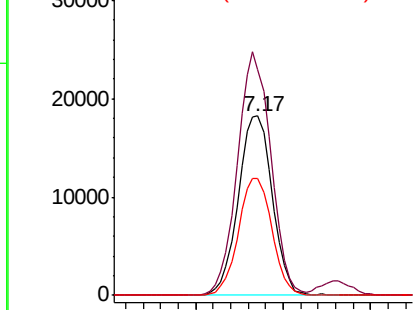
cis-1,2-Dichloroethene
Concen: 20.688 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion: 96 Resp: 49388
Ion Ratio Lower Upper
96 100
61 133.7 0.0 284.0
98 64.3 0.0 129.8



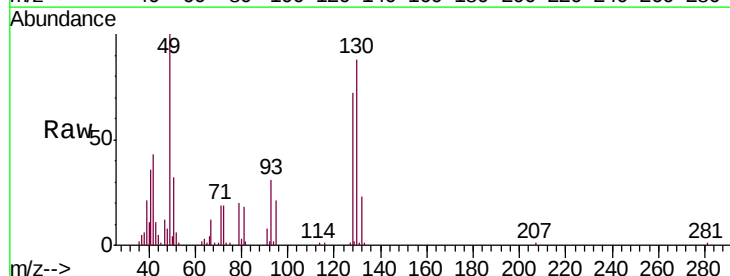
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



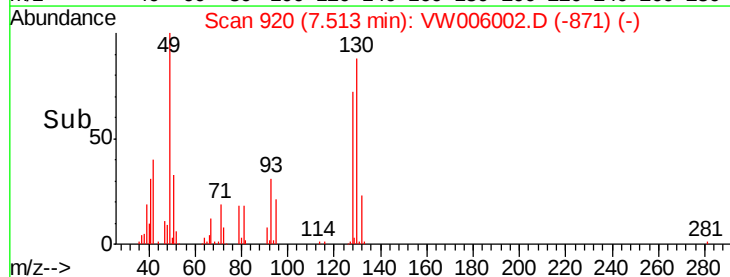
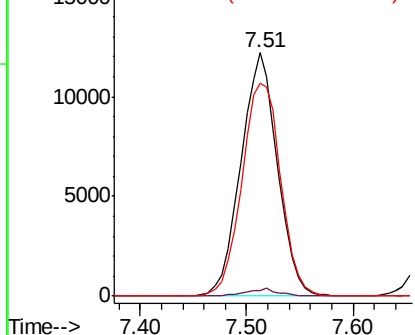
#28

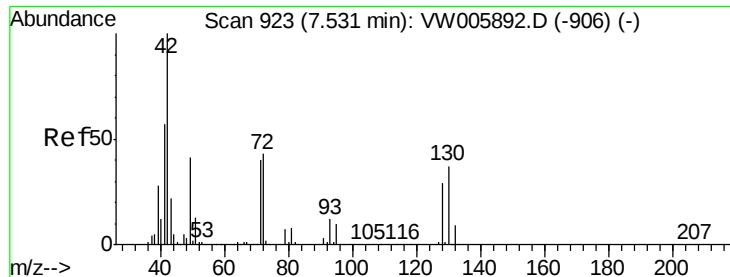
Bromochloromethane
Concen: 21.063 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 49 Resp: 29377
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.0
130 92.7 66.9 100.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

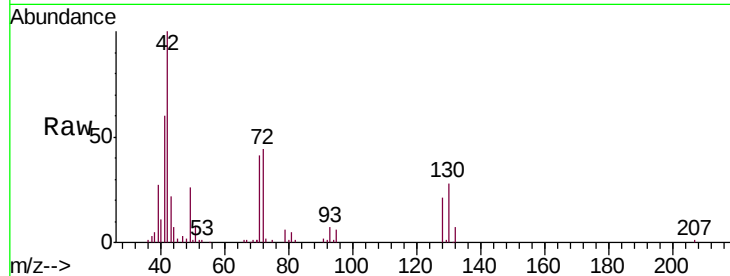




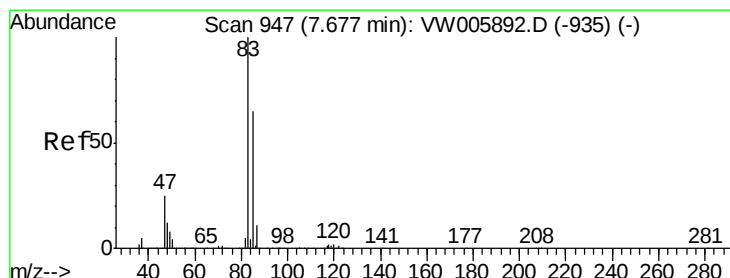
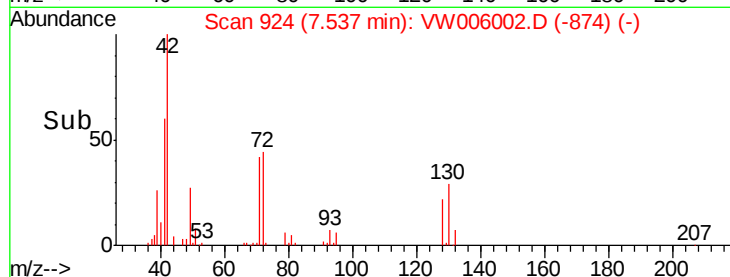
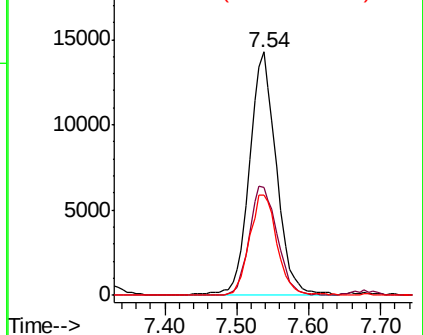
#29
Tetrahydrofuran
Concen: 96.487 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampled :
VW1011SBSD01

Tgt Ion: 42 Resp: 37011
Ion Ratio Lower Upper
42 100
72 46.2 34.6 51.8
71 42.4 32.6 49.0

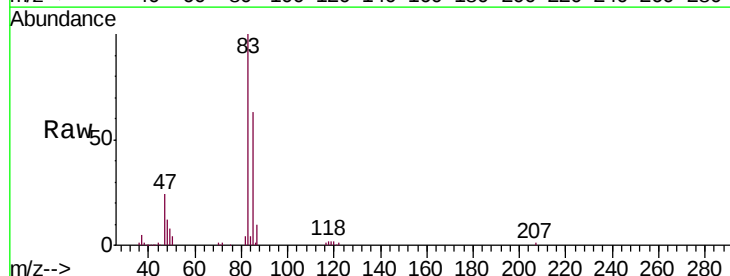


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

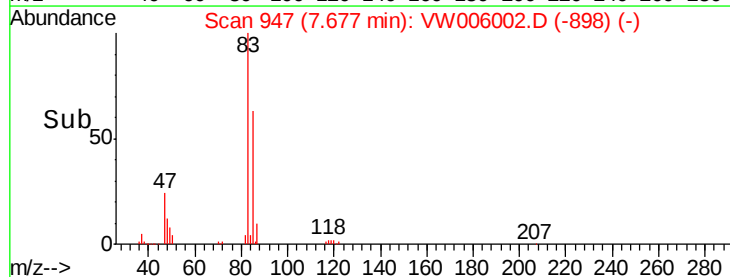
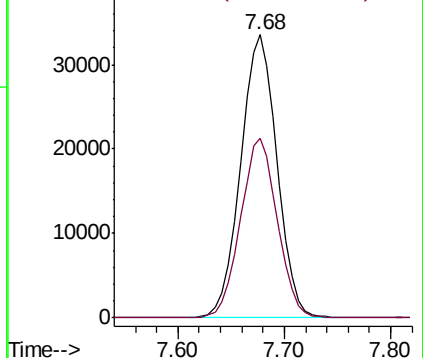


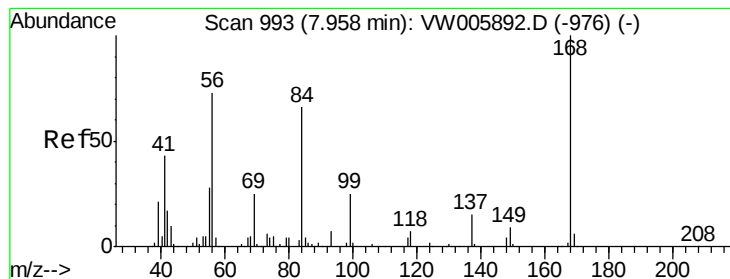
#30
Chloroform
Concen: 20.663 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 83 Resp: 80196
Ion Ratio Lower Upper
83 100
85 63.4 51.6 77.4



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





#31

Cyclohexane

Concen: 17.098 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

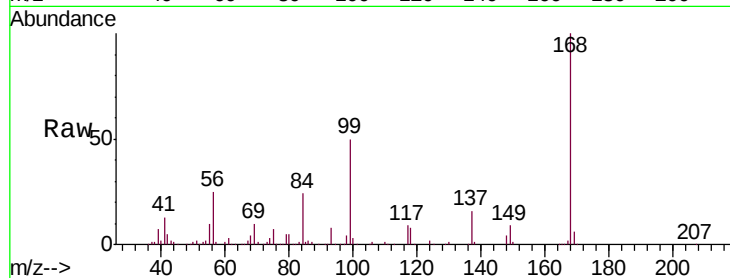
Tgt Ion: 56 Resp: 63934

Ion Ratio Lower Upper

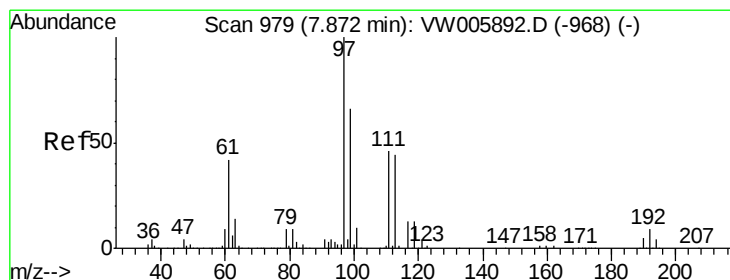
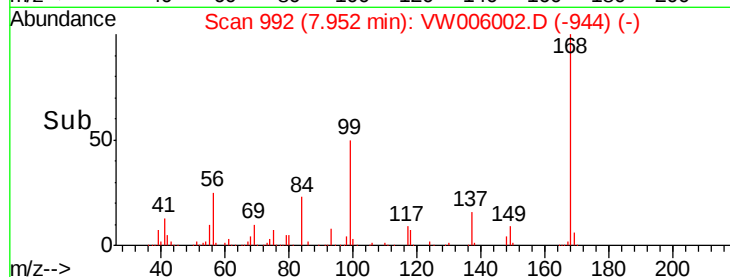
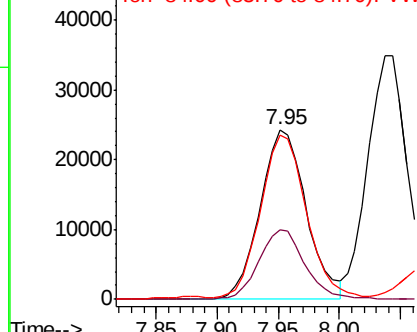
56 100

69 41.3 27.9 41.9

84 95.2 72.3 108.5



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



#32

1,1,1-Trichloroethane

Concen: 18.756 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

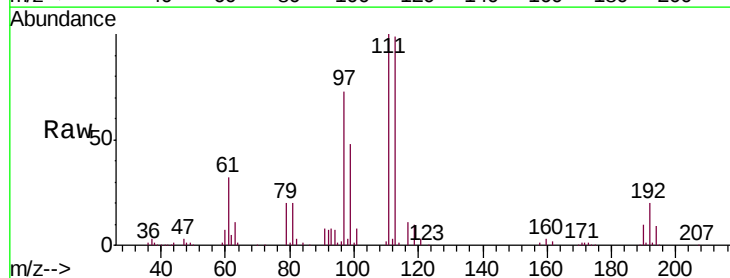
Tgt Ion: 97 Resp: 64828

Ion Ratio Lower Upper

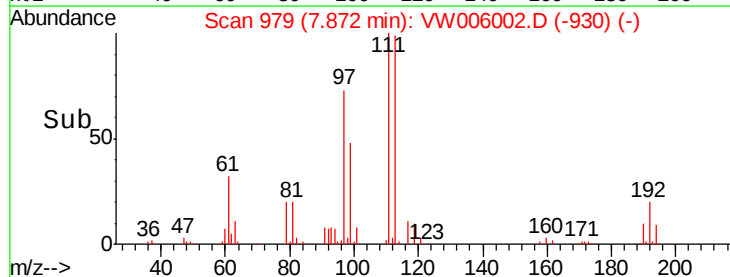
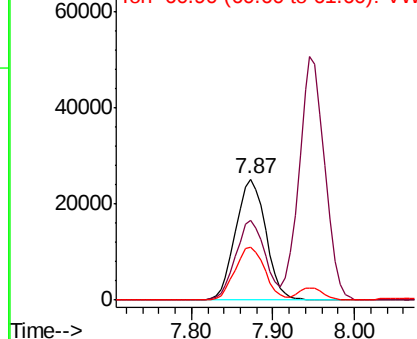
97 100

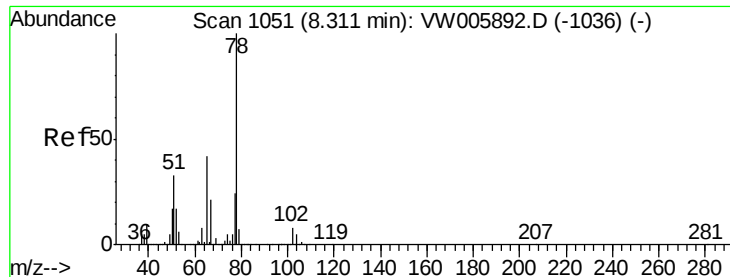
99 64.3 51.6 77.4

61 43.4 34.5 51.7



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

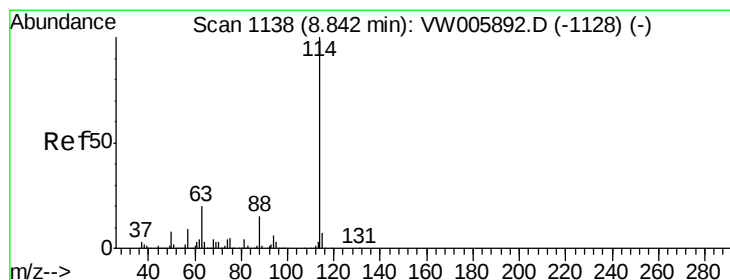
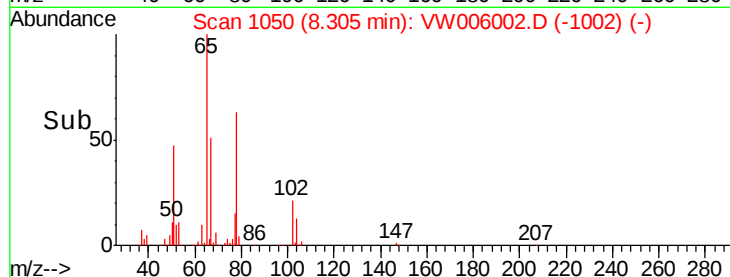
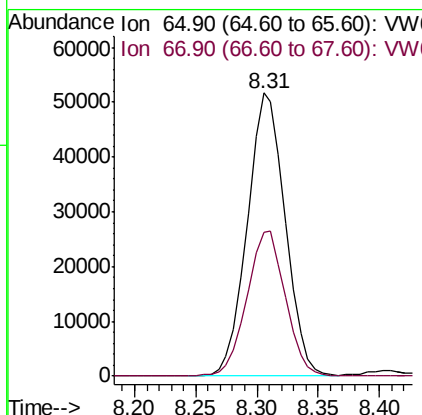
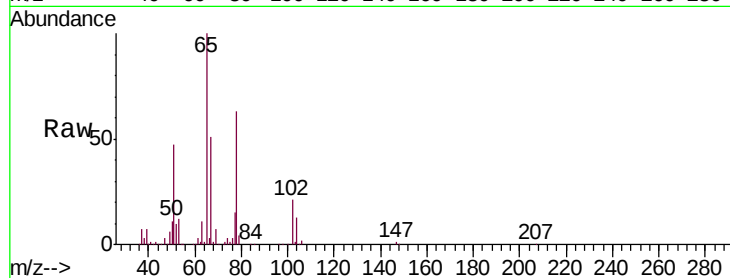




#33
 1,2-Dichloroethane-d4
 Concen: 52.163 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

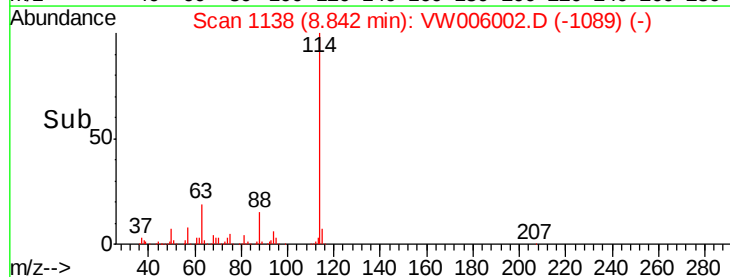
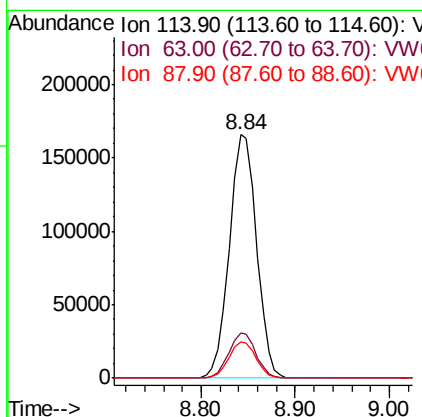
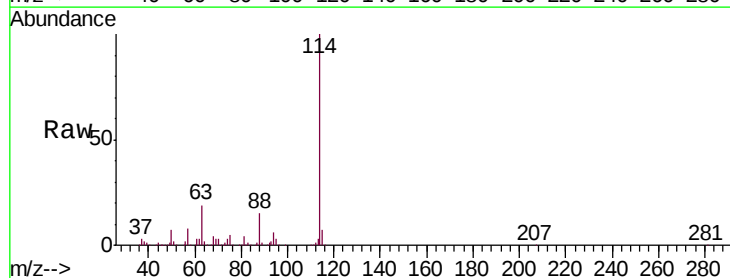
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

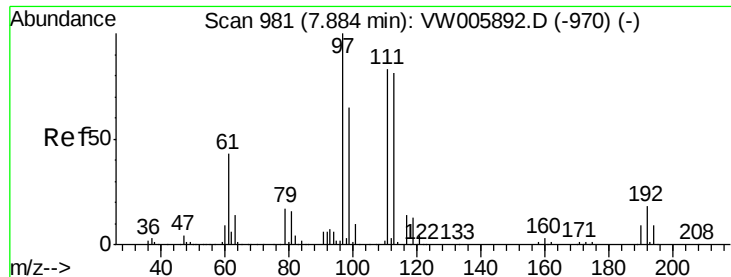
Tgt Ion: 65 Resp: 111413
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion: 114 Resp: 332263
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.7 0.0 30.8

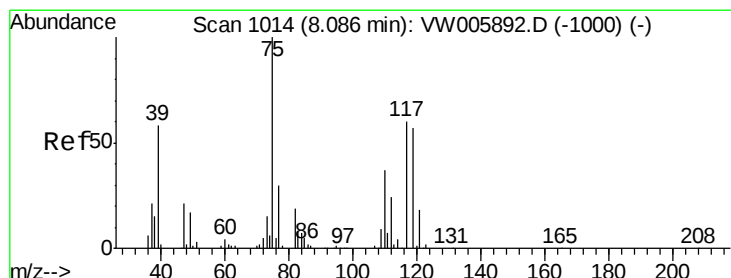
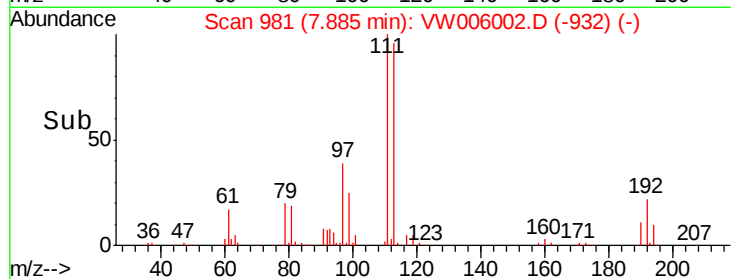
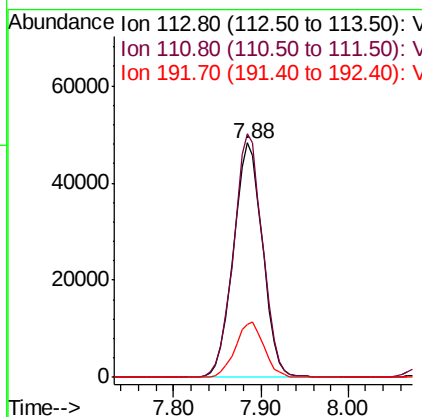
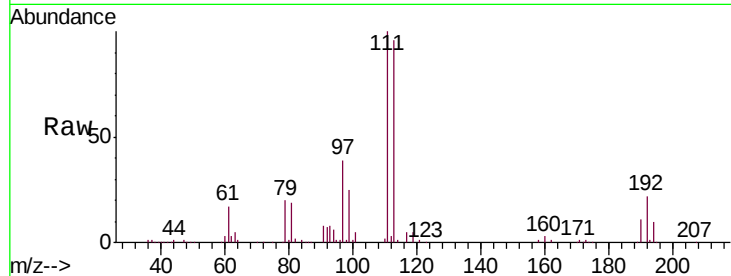




#35
 Dibromofluoromethane
 Concen: 52.712 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

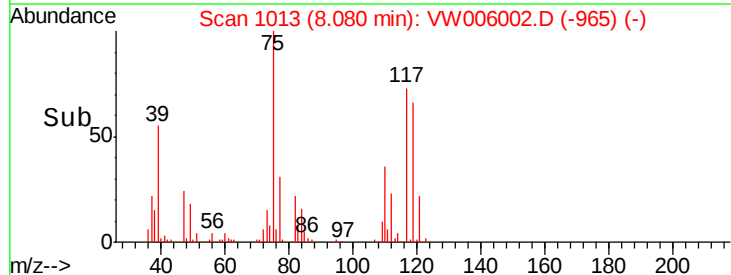
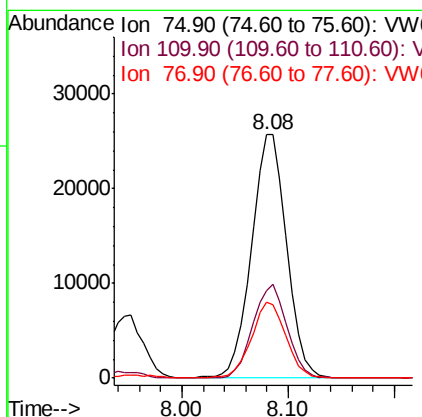
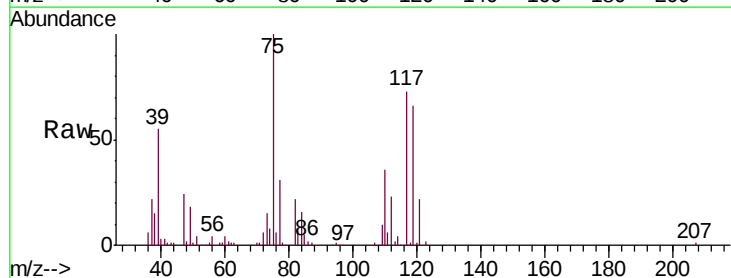
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tgt Ion: 113 Resp: 111821
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.0 123.0
 192 23.3 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 18.731 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion: 75 Resp: 59633
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.6 56.0
 77 30.8 24.7 37.1

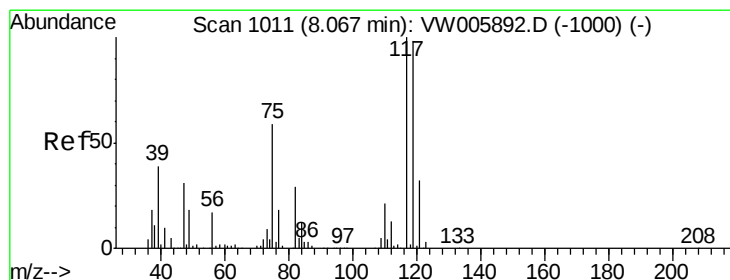
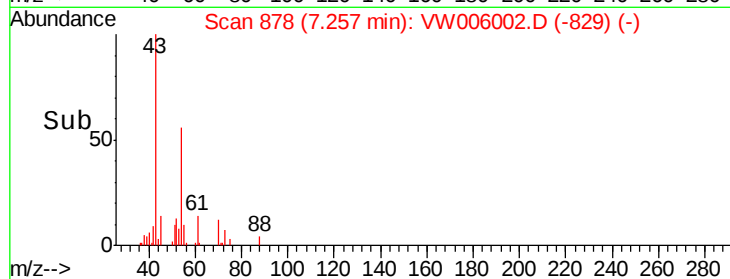
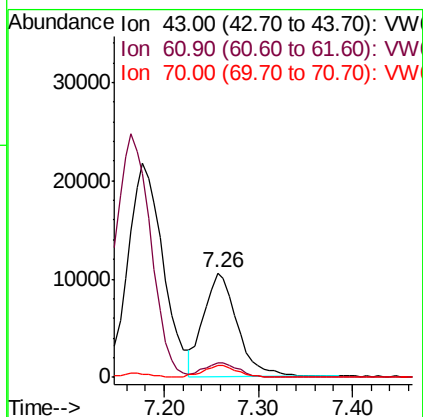
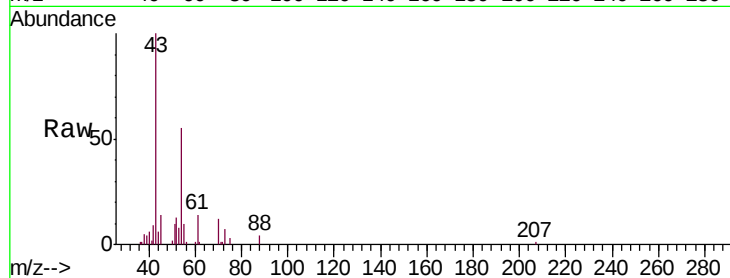




#37
 Ethyl Acetate
 Concen: 19.289 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

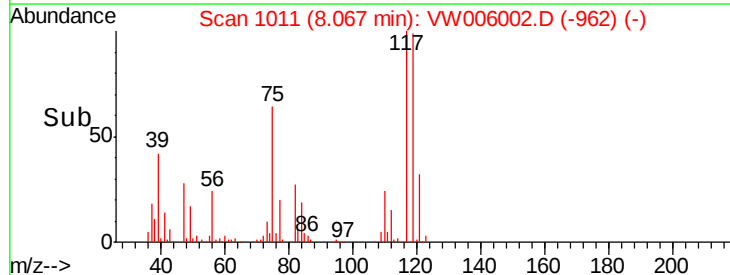
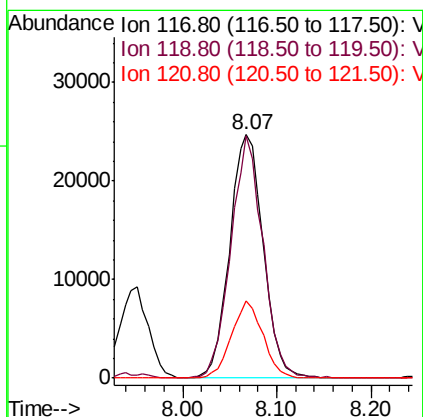
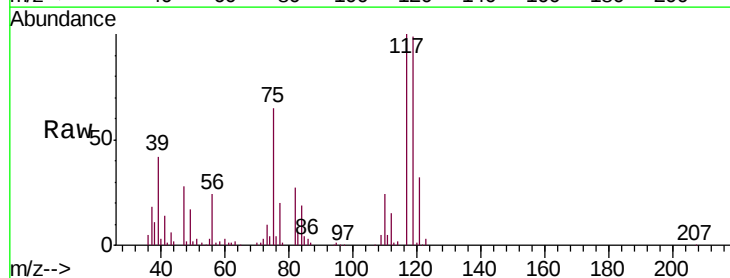
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

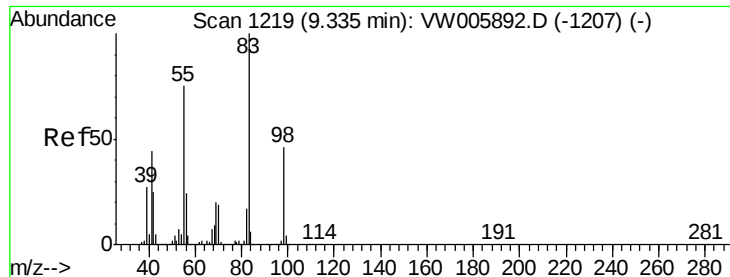
Tgt Ion: 43 Resp: 26006
 Ion Ratio Lower Upper
 43 100
 61 14.2 10.6 16.0
 70 11.5 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 17.919 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion: 117 Resp: 61293
 Ion Ratio Lower Upper
 117 100
 119 99.4 78.6 117.8
 121 31.6 25.3 37.9

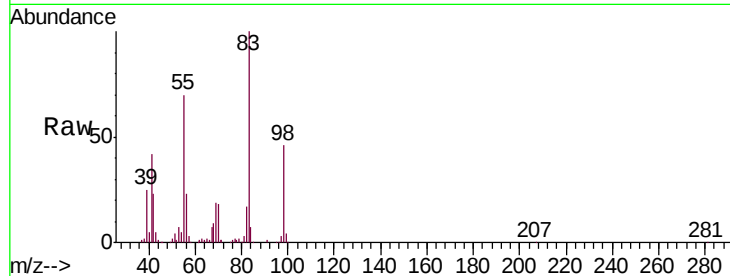




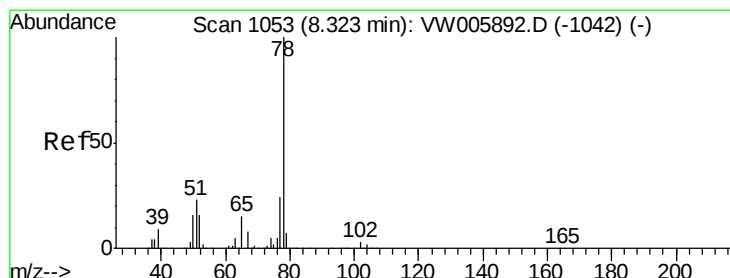
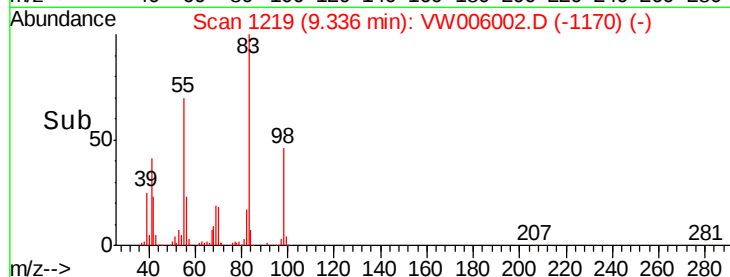
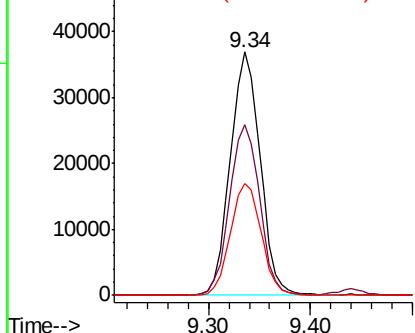
#39
Methylcyclohexane
Concen: 17.870 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion: 83 Resp: 75041
Ion Ratio Lower Upper
83 100
55 70.0 59.8 89.6
98 45.6 37.1 55.7

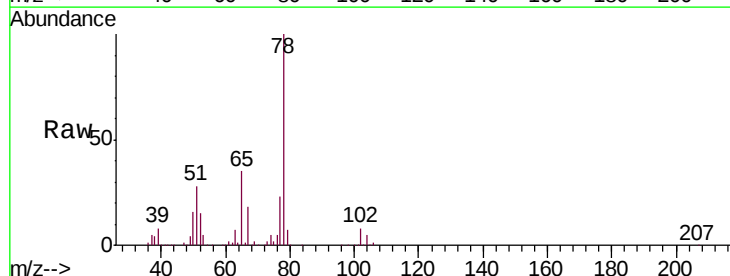


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

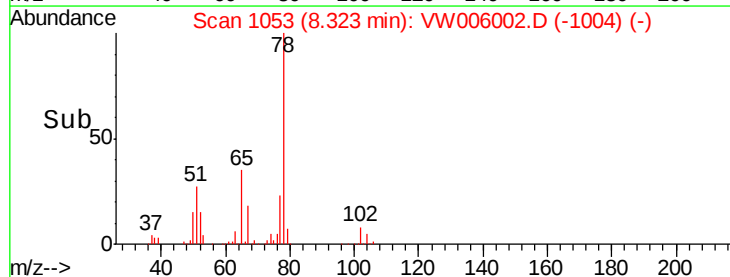
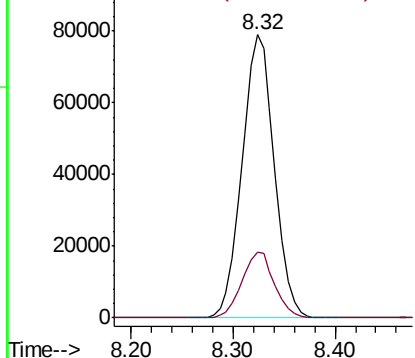


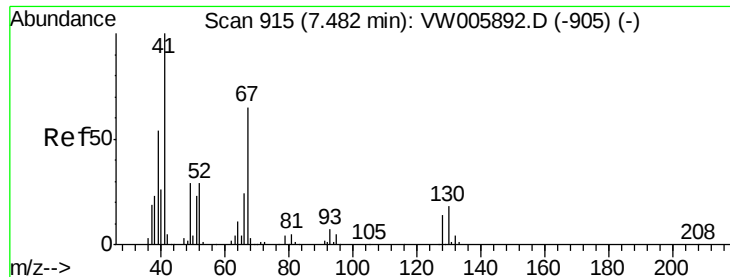
#40
Benzene
Concen: 19.772 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 78 Resp: 172290
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

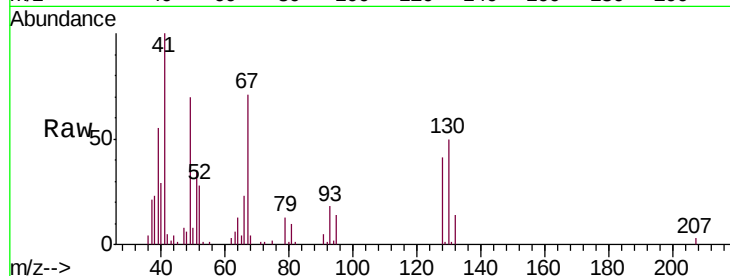




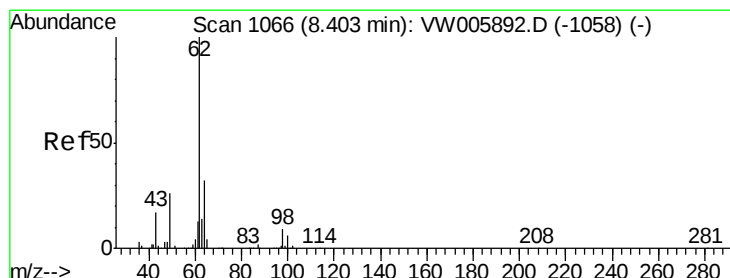
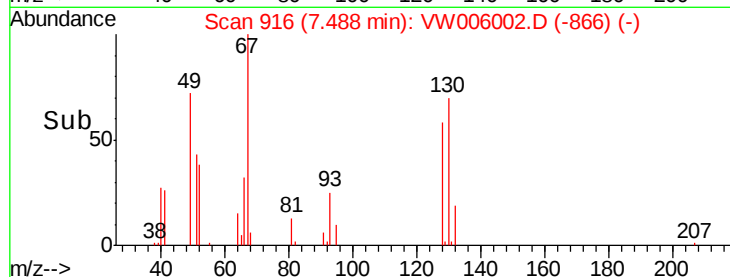
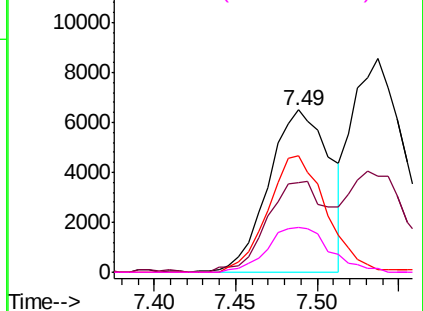
#41
Methacrylonitrile
Concen: 20.086 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion:	41	Resp:	16954
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.0	67.4
67	69.0	55.8	83.8
52	28.3	25.3	37.9

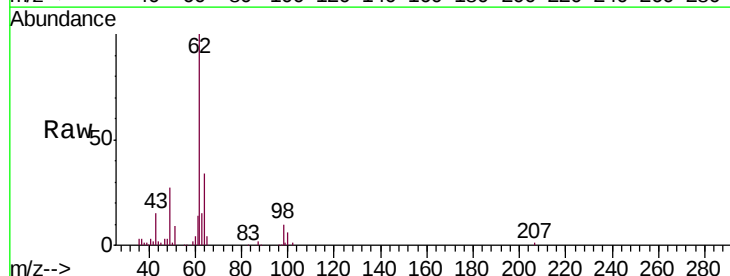


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

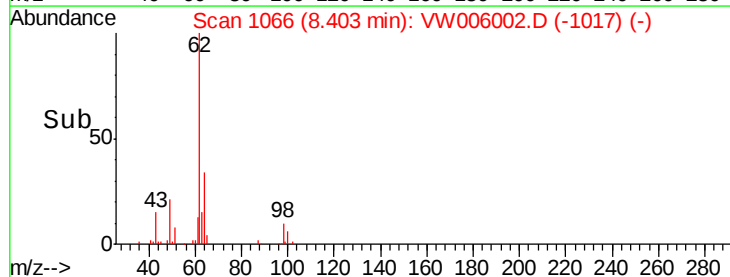
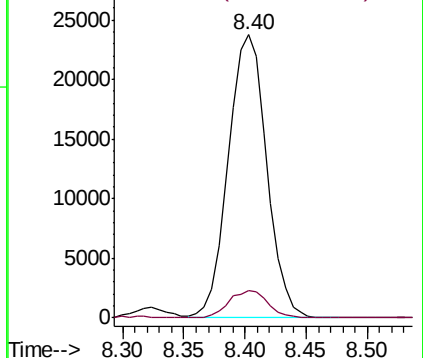


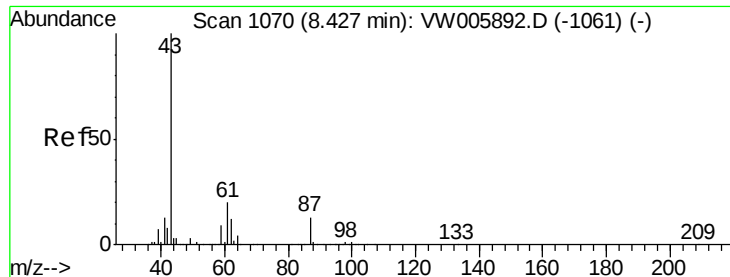
#42
1,2-Dichloroethane
Concen: 19.607 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion:	62	Resp:	51617
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 18.278 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

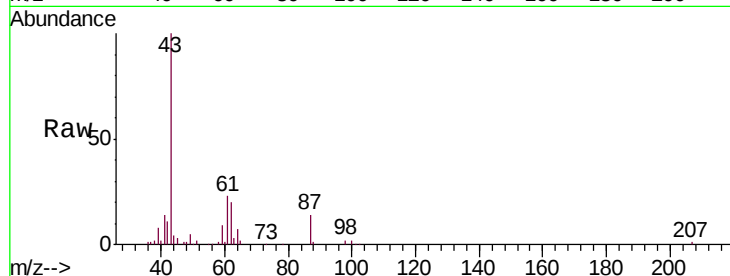
Tgt Ion: 43 Resp: 51477

Ion Ratio Lower Upper

43 100

61 30.5 23.1 34.7

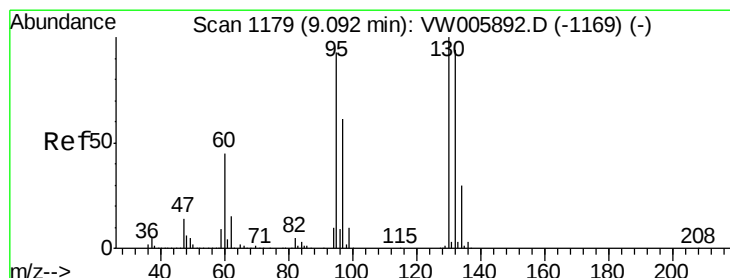
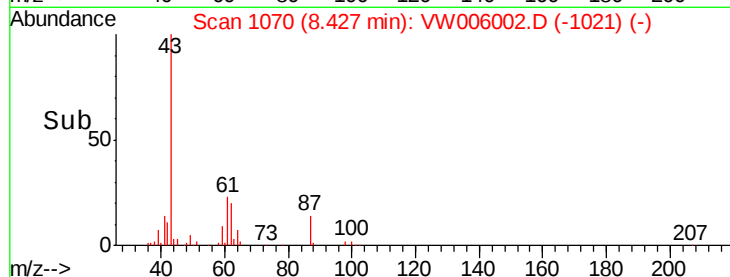
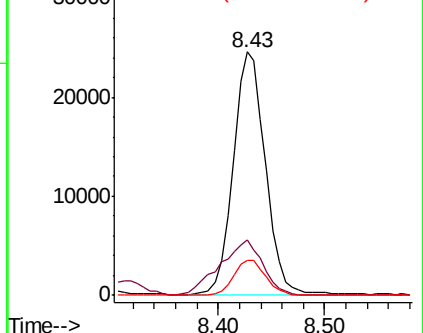
87 14.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.094 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006002.D

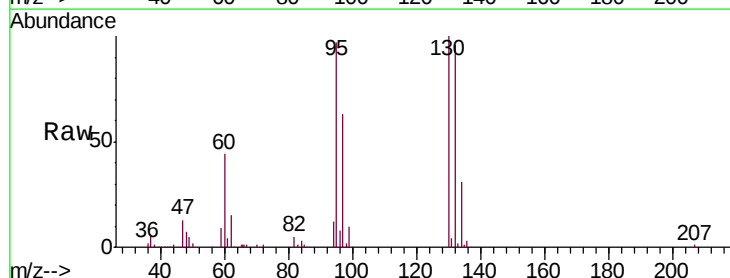
Acq: 10 Oct 2018 22:58

Tgt Ion: 130 Resp: 50802

Ion Ratio Lower Upper

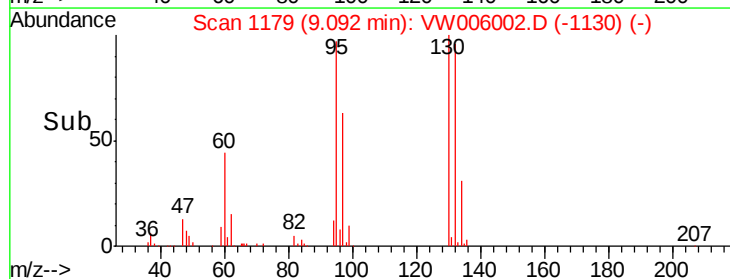
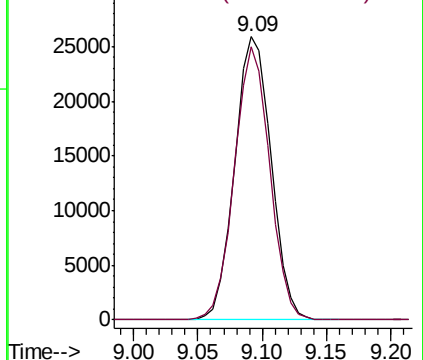
130 100

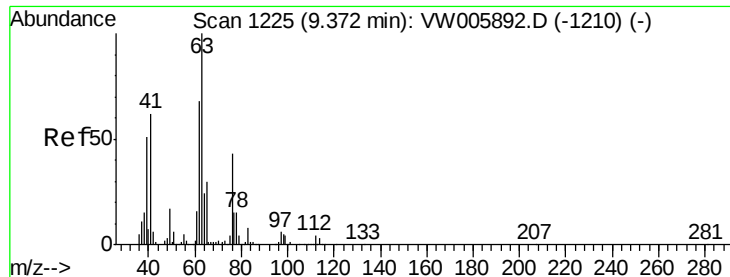
95 96.6 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

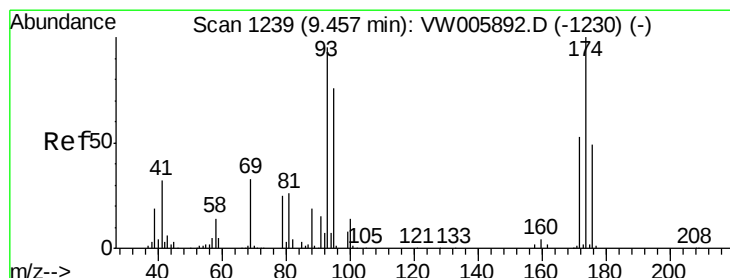
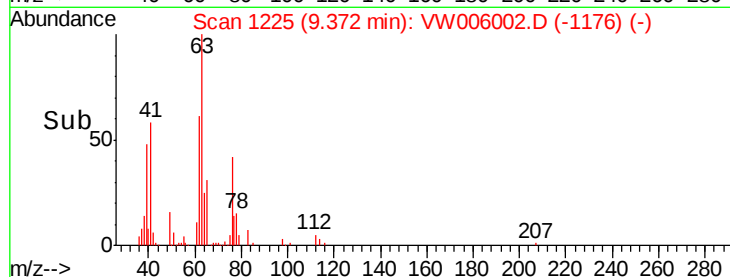
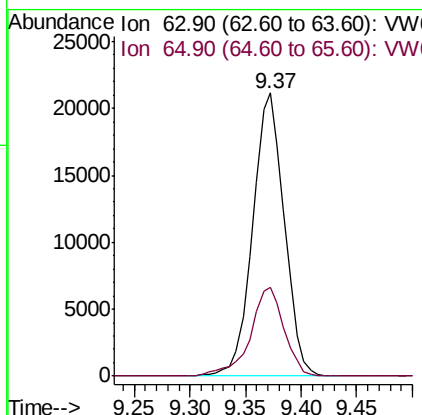
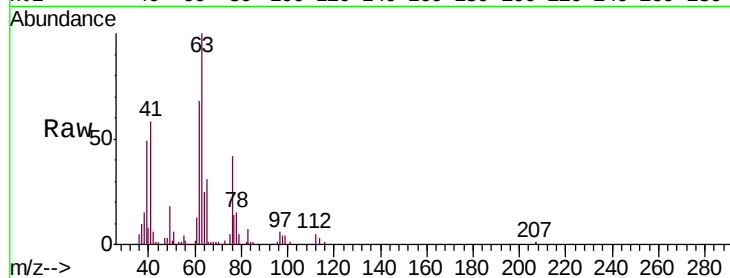




#45
 1,2-Dichloropropane
 Concen: 19.105 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

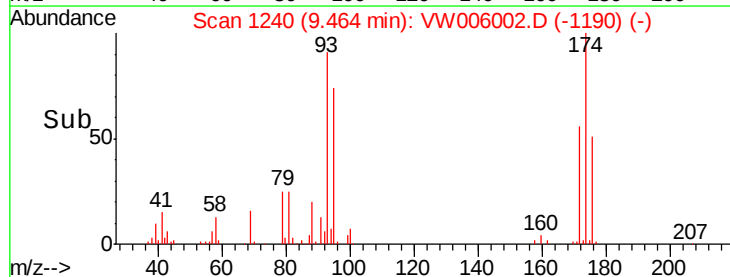
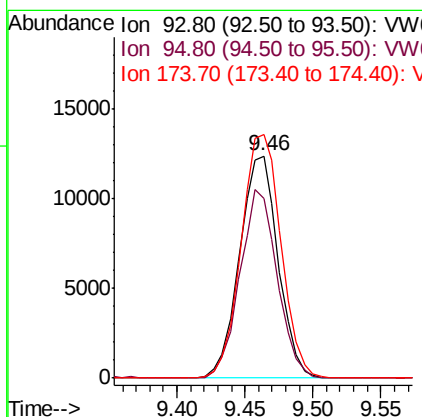
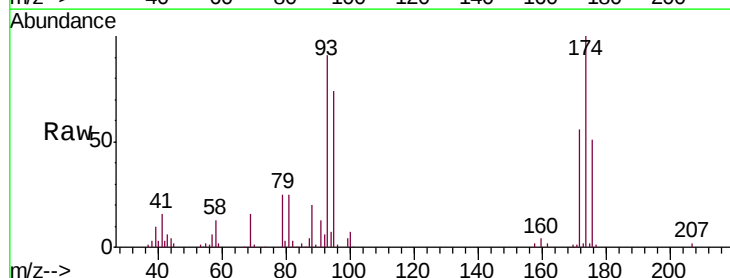
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

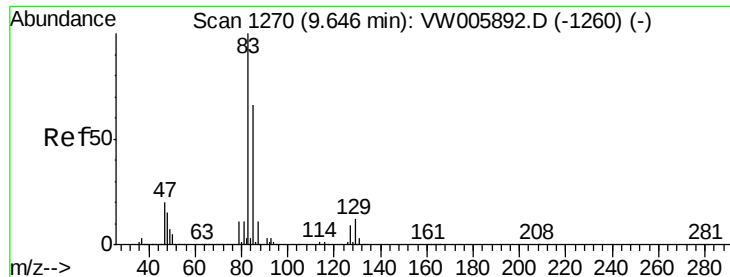
Tgt Ion: 63 Resp: 41670
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.3 36.5



#46
 Dibromomethane
 Concen: 20.430 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion: 93 Resp: 24491
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.6 99.8
 174 113.2 90.4 135.6





#47

Bromodichloromethane

Concen: 18.847 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

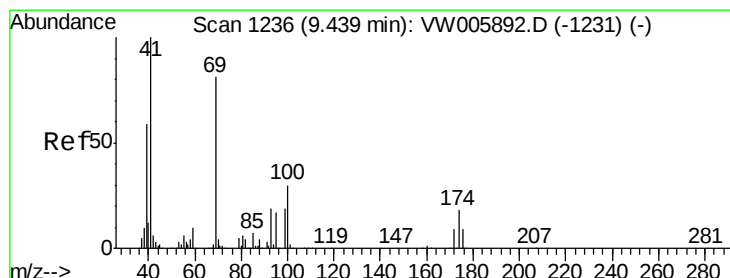
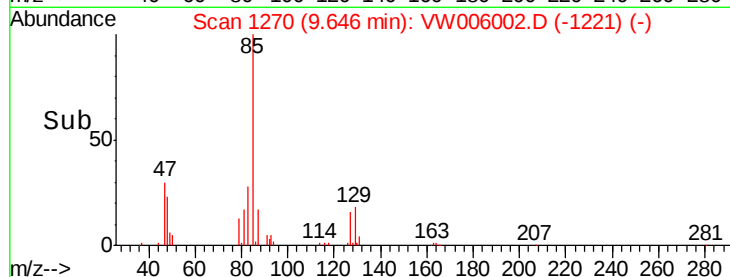
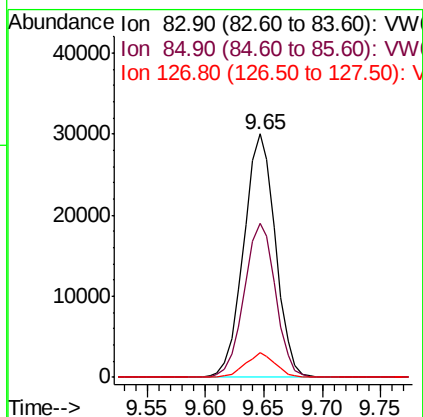
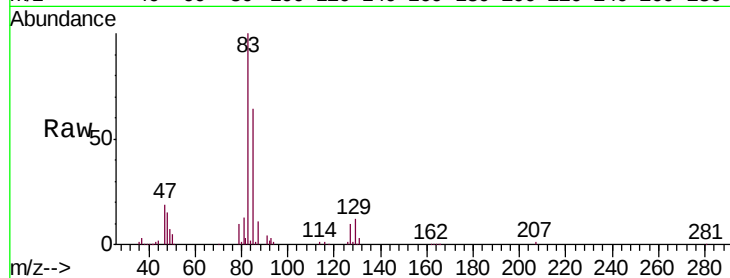
Tgt Ion: 83 Resp: 56853

Ion Ratio Lower Upper

83 100

85 63.5 53.0 79.6

127 10.0 7.4 11.0



#48

Methyl methacrylate

Concen: 17.726 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

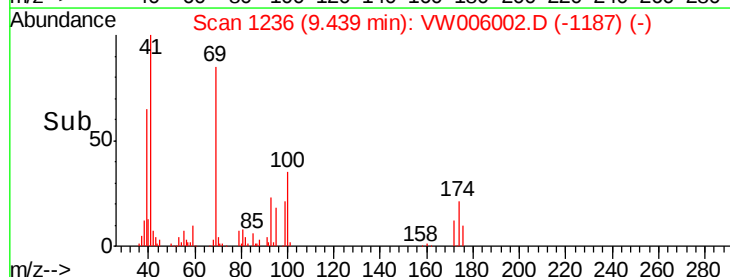
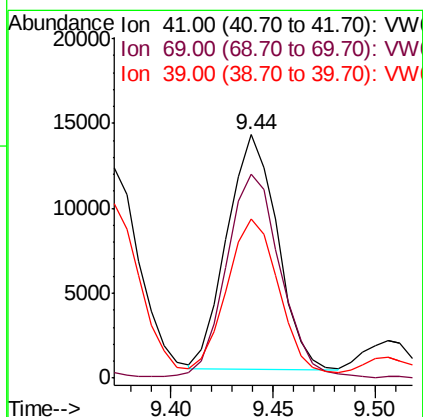
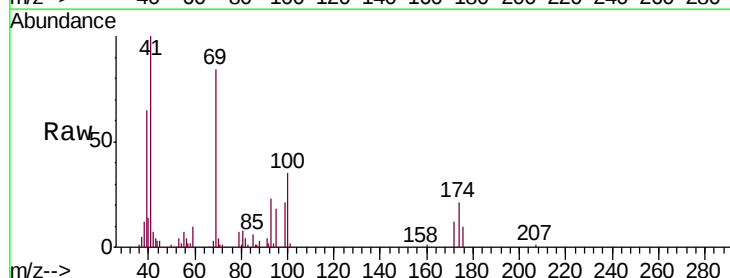
Tgt Ion: 41 Resp: 23781

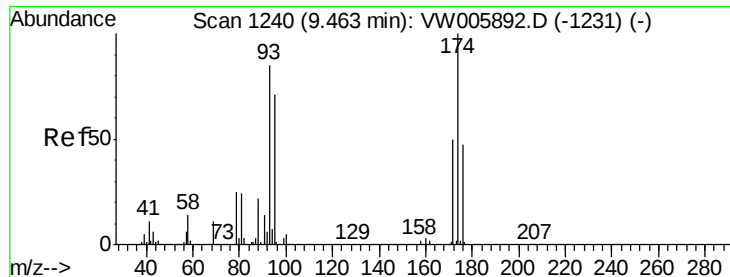
Ion Ratio Lower Upper

41 100

69 94.0 68.7 103.1

39 71.2 50.0 75.0

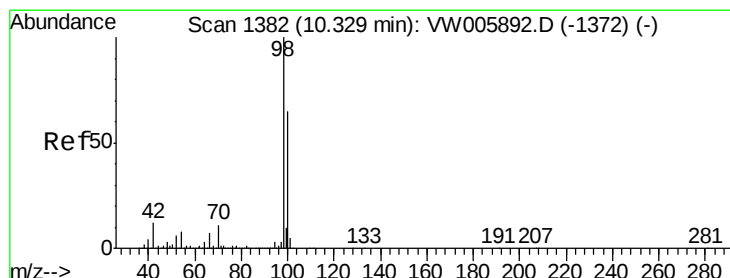
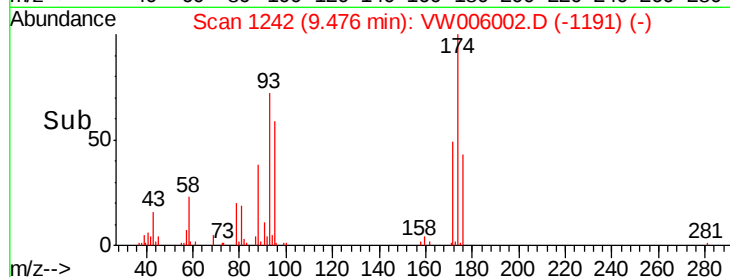
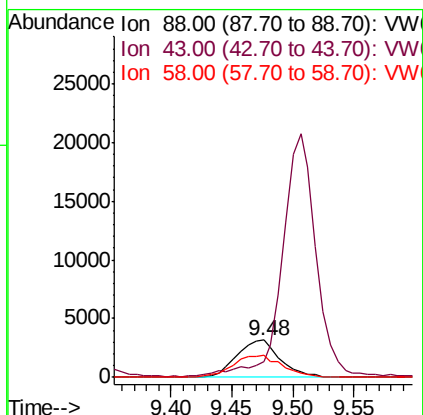
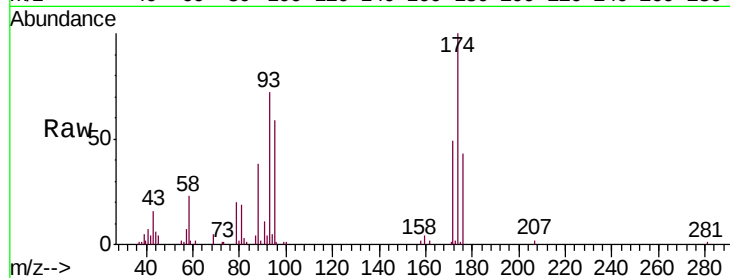




#49
1,4-Dioxane
Concen: 428.364 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

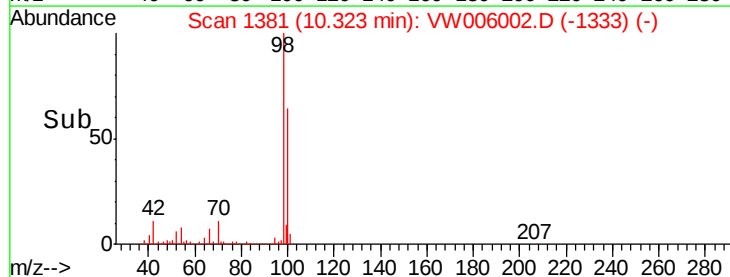
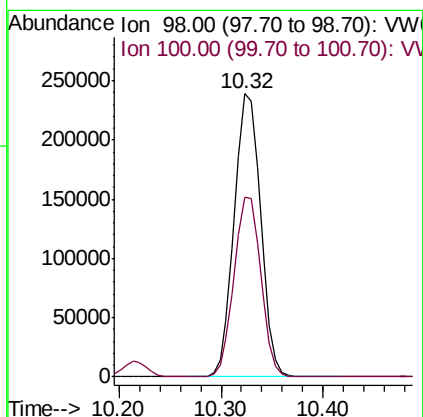
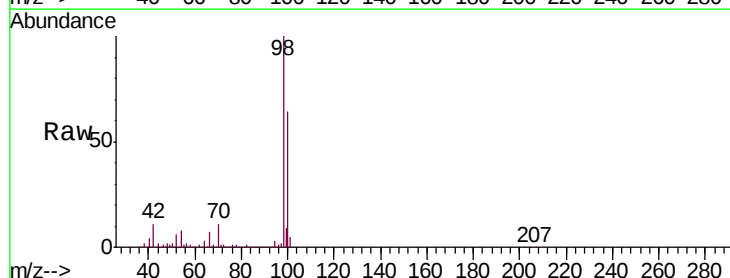
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion: 88 Resp: 7800
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 67.5 57.7 86.5



#50
Toluene-d8
Concen: 52.532 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 98 Resp: 428756
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

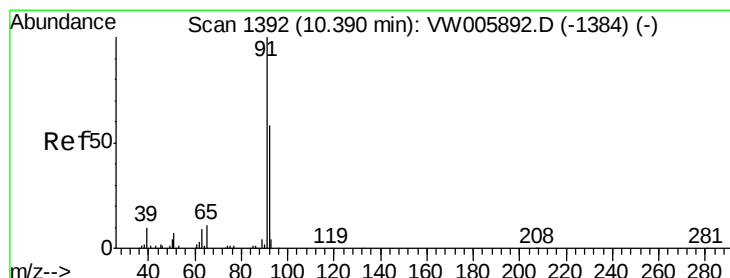
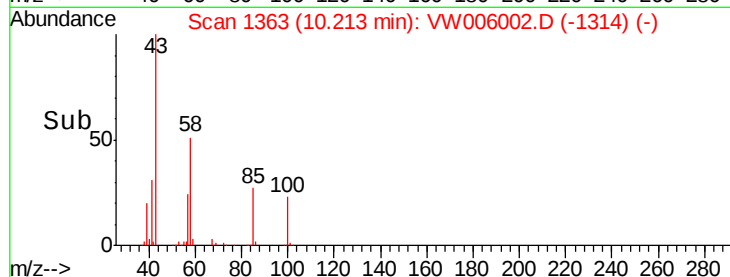
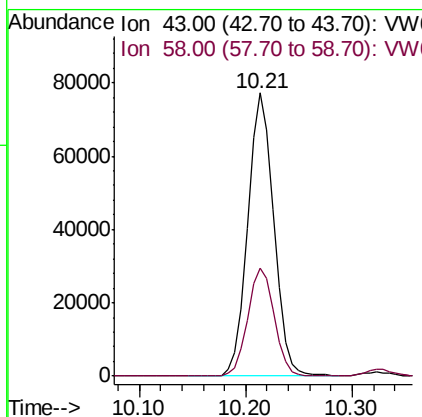
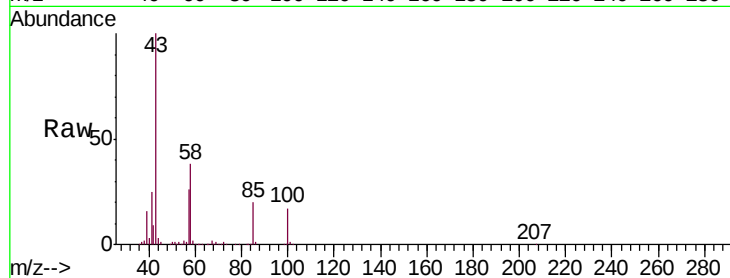




#51
 4-Methyl-2-Pentanone
 Concen: 97.064 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

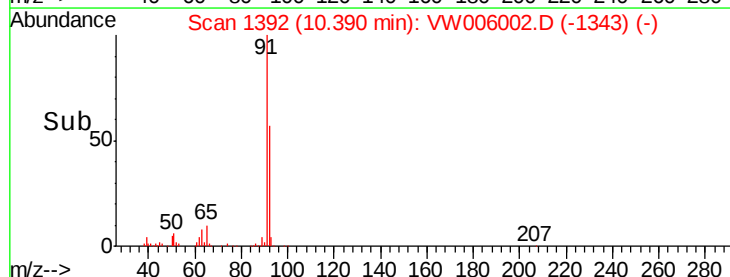
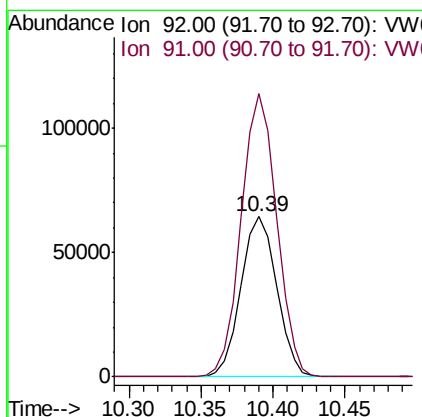
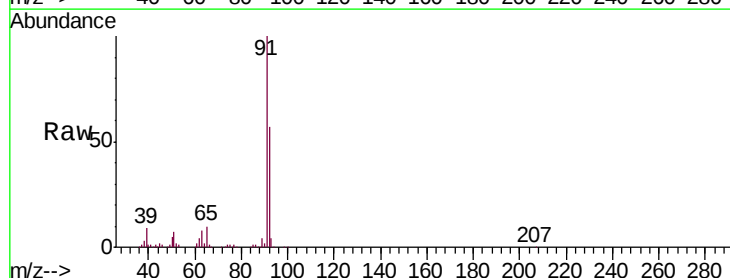
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

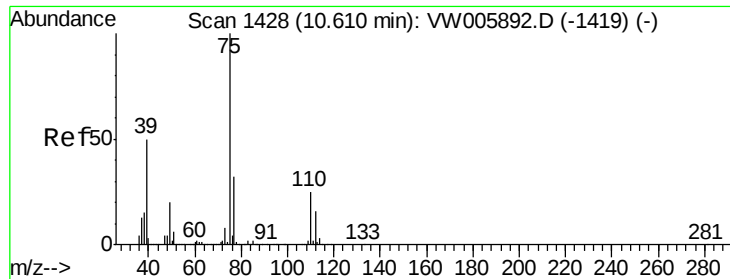
Tgt Ion: 43 Resp: 133117
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.2 45.4



#52
 Toluene
 Concen: 19.511 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion: 92 Resp: 111688
 Ion Ratio Lower Upper
 92 100
 91 174.6 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 16.828 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

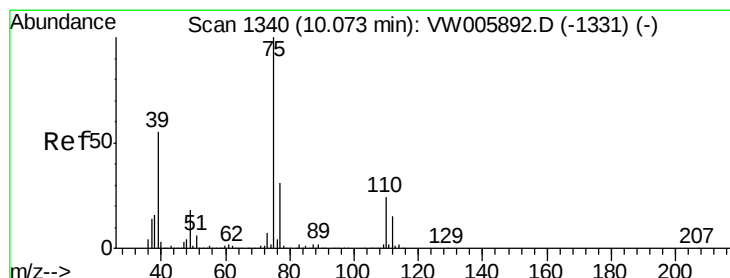
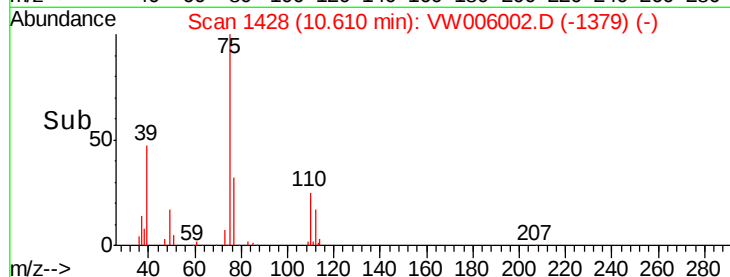
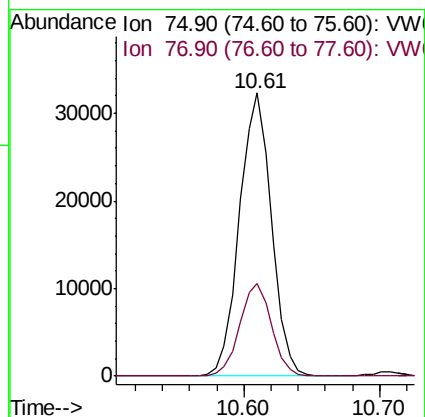
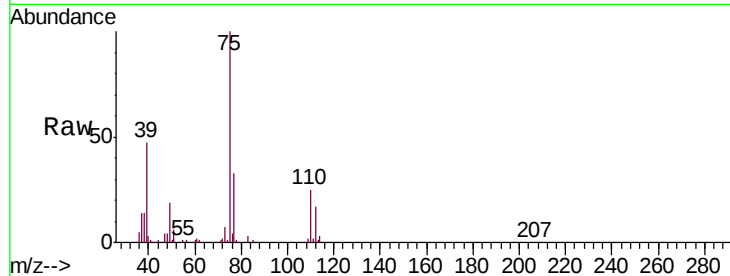
VW1011SBSD01

Tgt Ion: 75 Resp: 53050

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.638 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

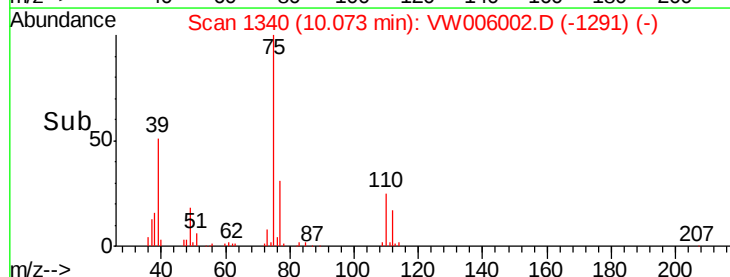
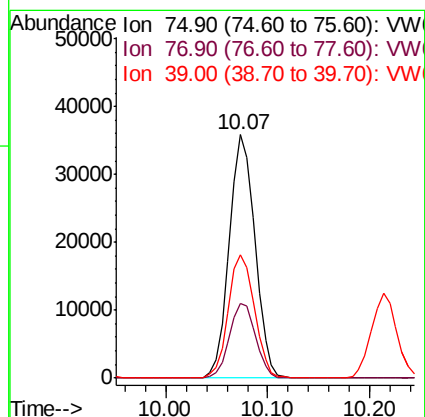
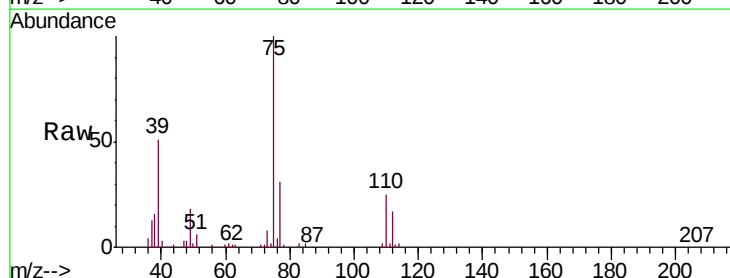
Tgt Ion: 75 Resp: 62504

Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

39 50.4 44.2 66.4

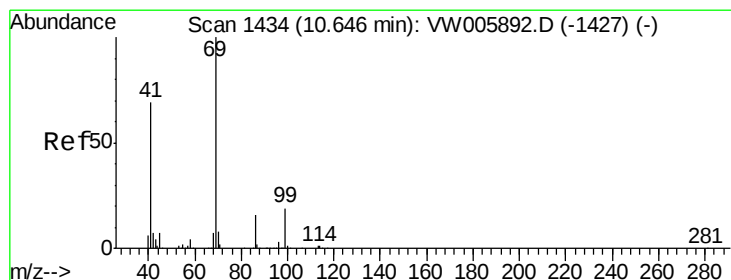
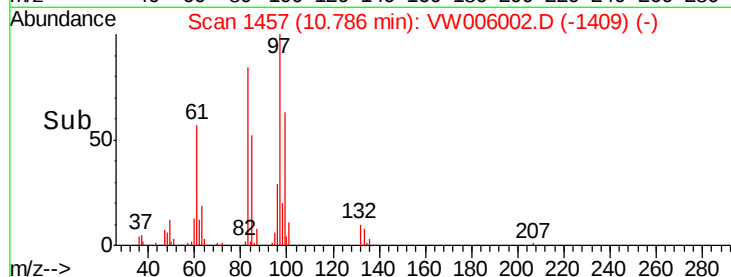
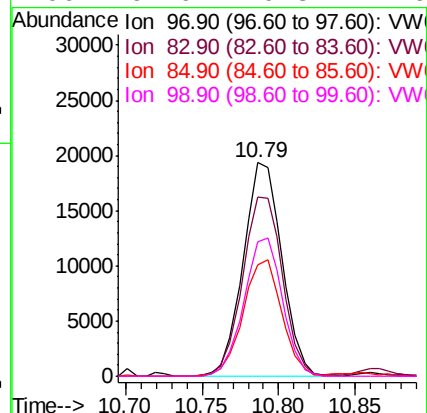
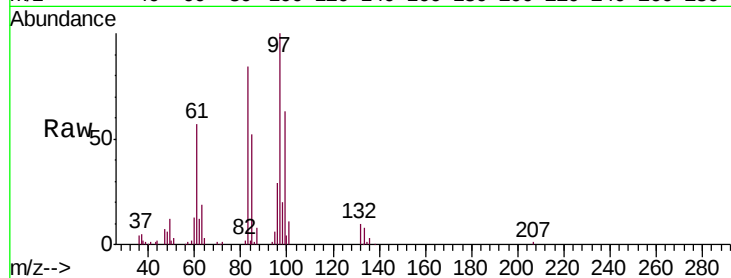




#55
 1,1,2-Trichloroethane
 Concen: 20.524 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

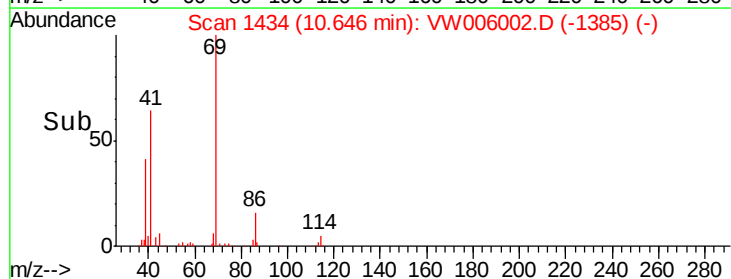
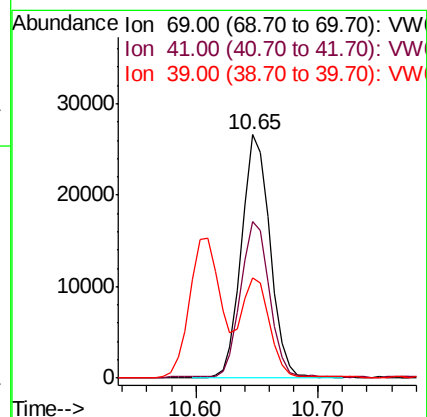
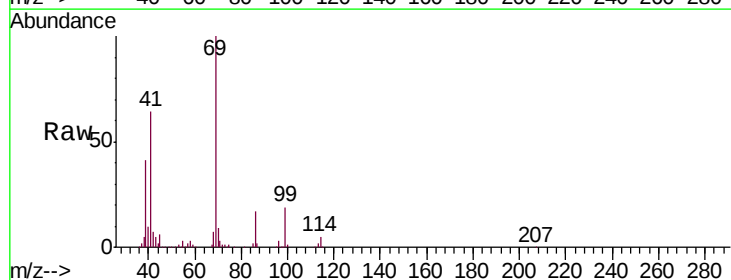
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

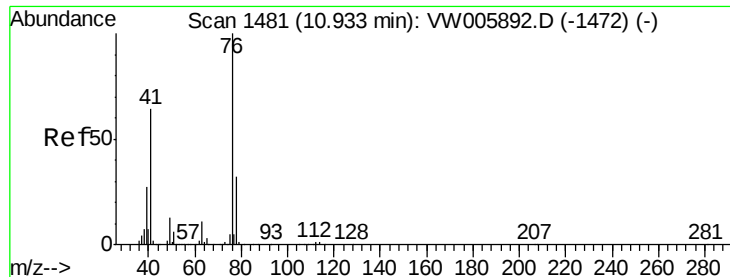
Tgt Ion:	97	Resp:	34077
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.9	100.3
85	52.2	43.4	65.0
99	62.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.240 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion:	69	Resp:	43056
Ion	Ratio	Lower	Upper
69	100		
41	63.8	56.0	84.0
39	40.1	33.5	50.3

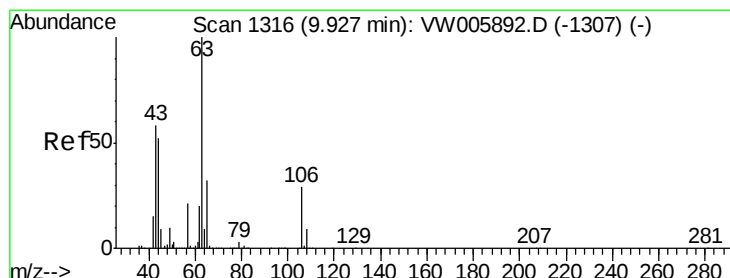
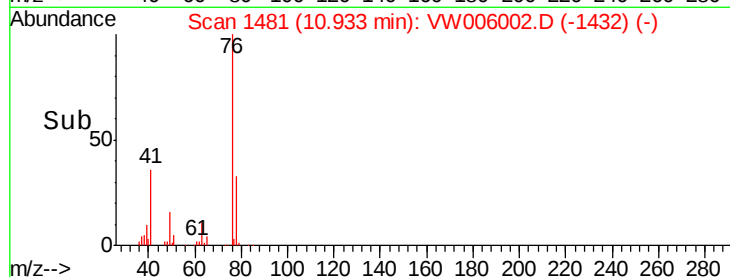
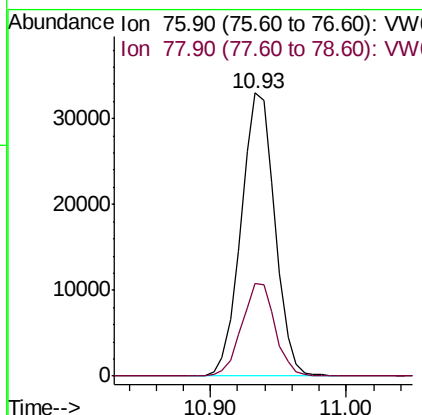
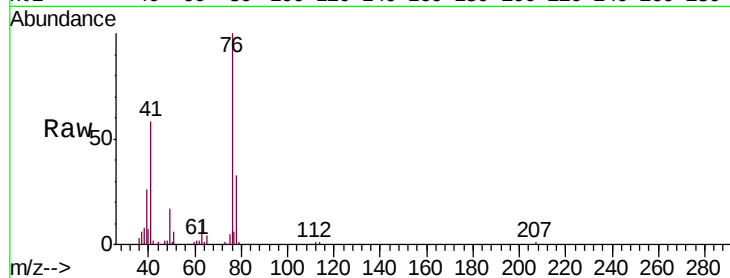




#57
 1,3-Dichloropropane
 Concen: 20.466 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

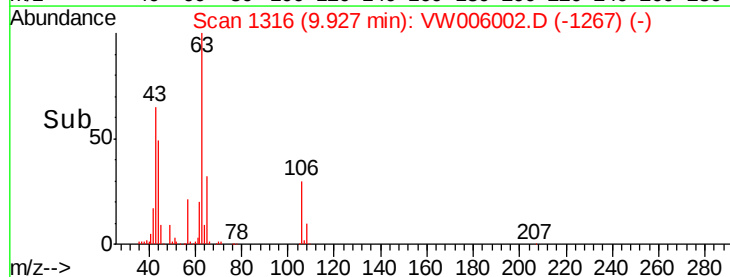
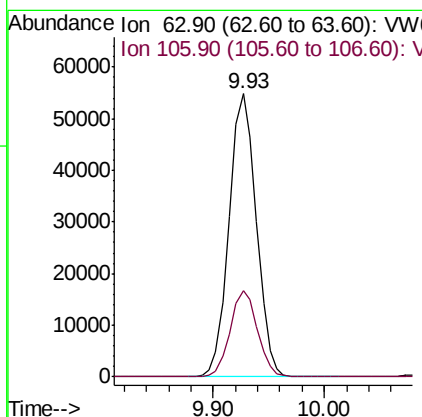
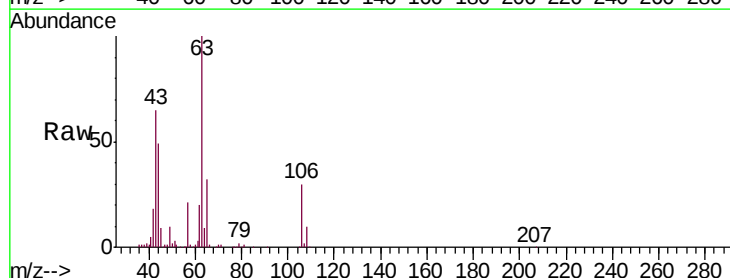
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

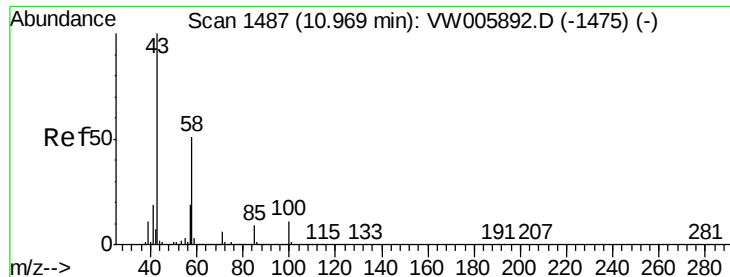
Tgt Ion: 76 Resp: 57167
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.211 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion: 63 Resp: 93071
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.6 35.4





#59

2-Hexanone

Concen: 90.785 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

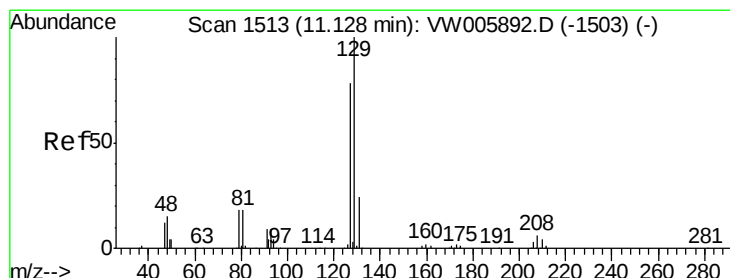
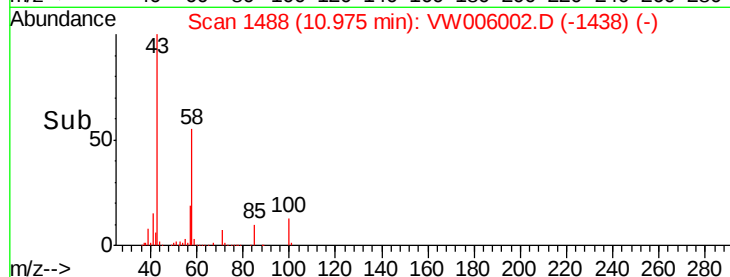
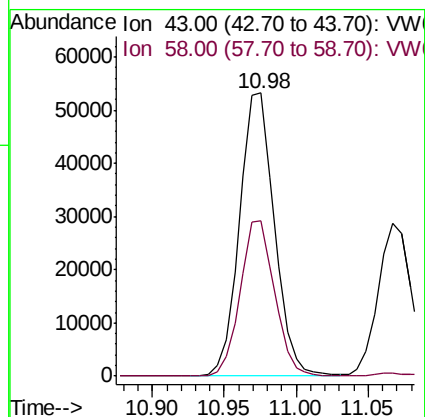
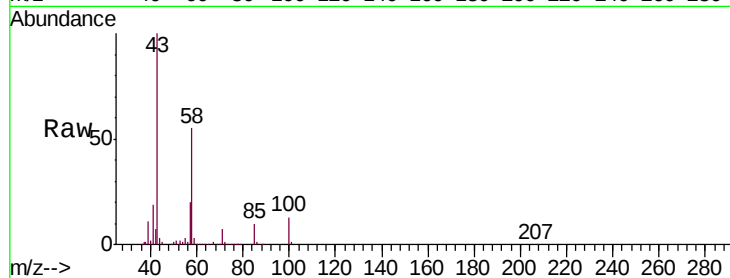
VW1011SBSD01

Tgt Ion: 43 Resp: 89273

Ion Ratio Lower Upper

43 100

58 54.4 25.7 77.1



#60

Dibromochloromethane

Concen: 19.138 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW006002.D

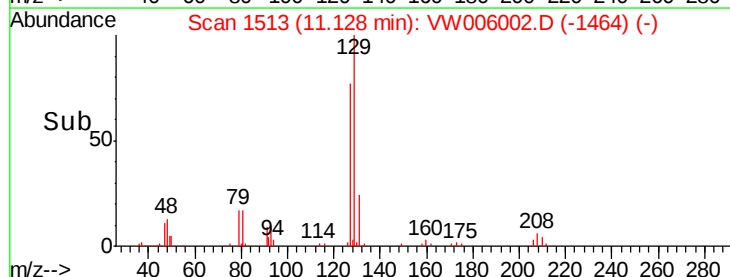
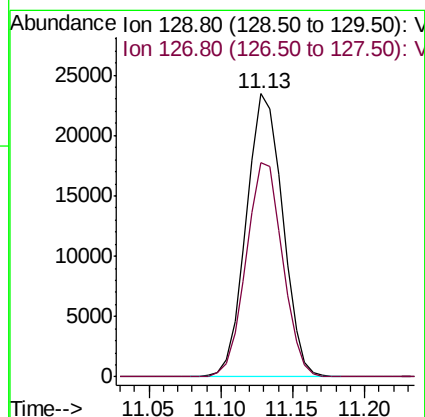
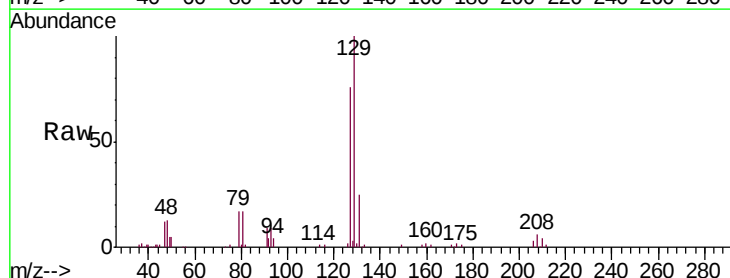
Acq: 10 Oct 2018 22:58

Tgt Ion: 129 Resp: 41006

Ion Ratio Lower Upper

129 100

127 75.6 38.5 115.5

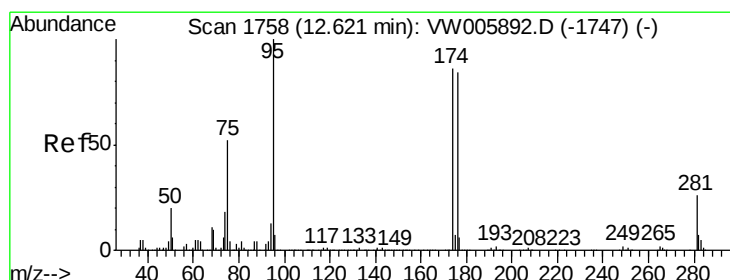
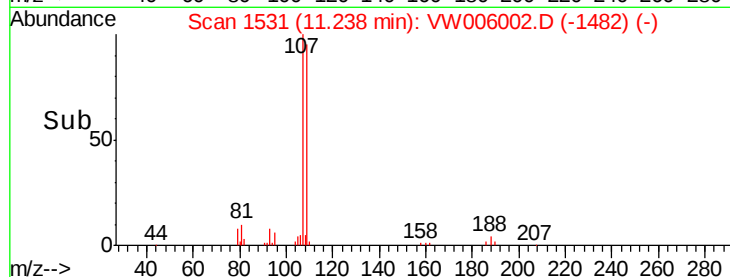
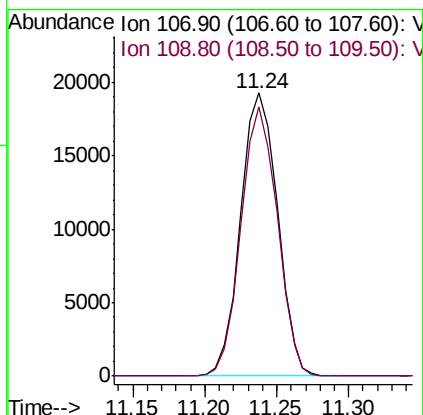
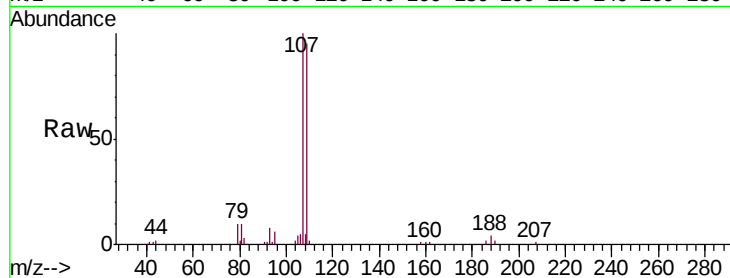




#61
1,2-Dibromoethane
Concen: 20.708 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

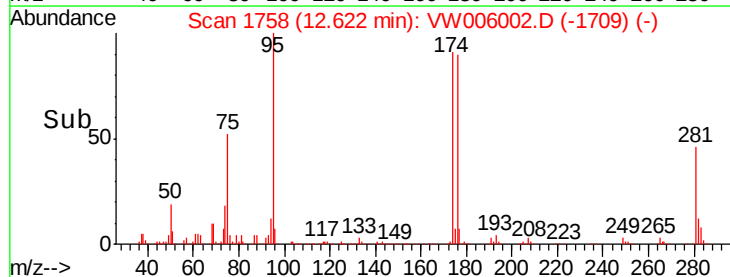
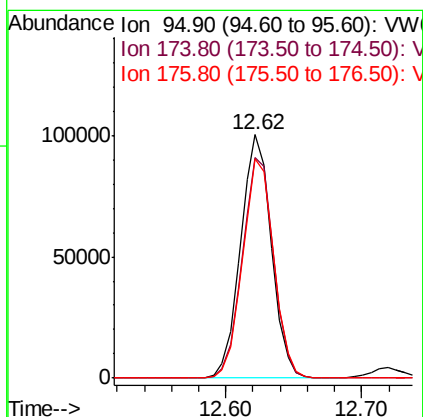
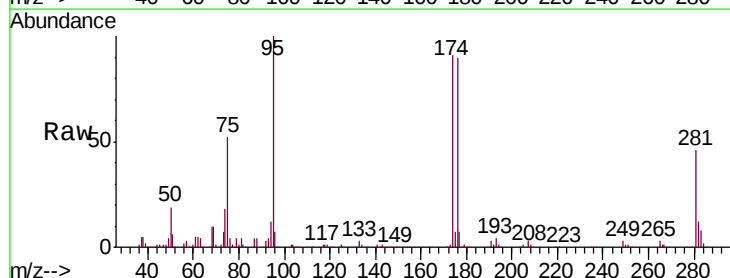
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion: 107 Resp: 34358
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.033 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 95 Resp: 158470
Ion Ratio Lower Upper
95 100
174 92.4 0.0 176.4
176 90.8 0.0 173.0

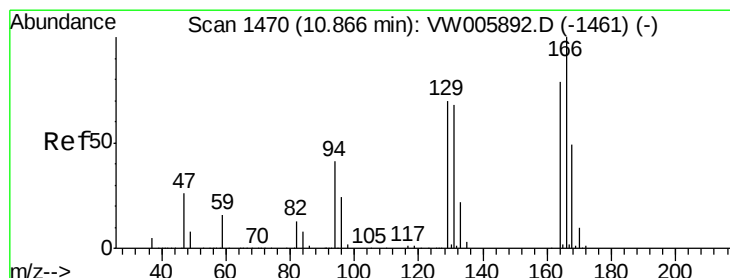
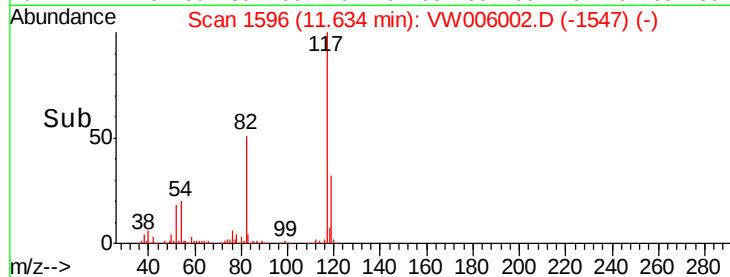
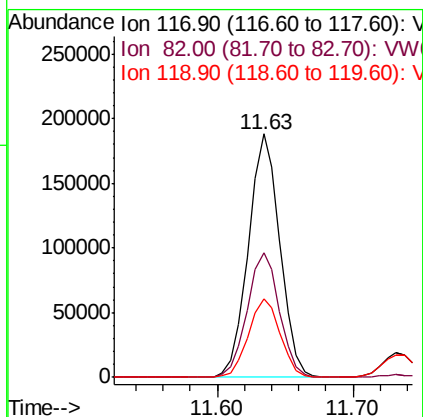
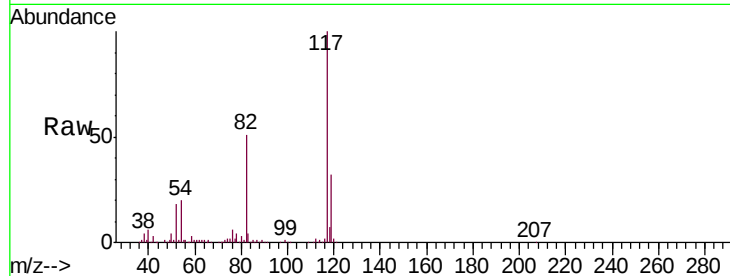




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

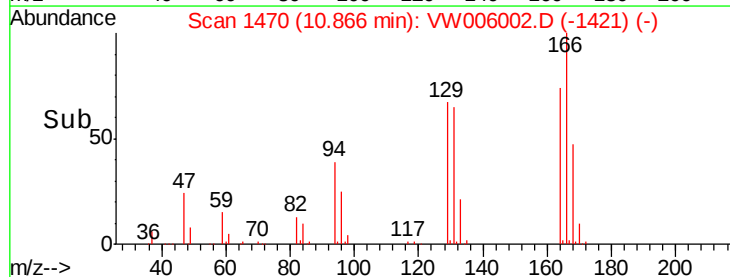
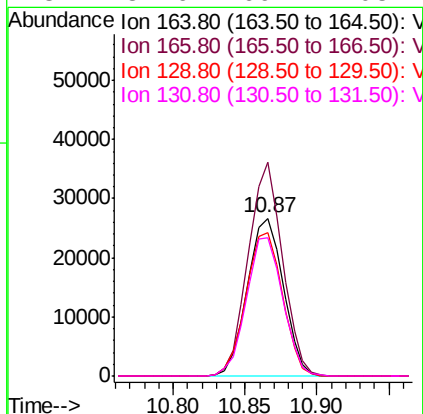
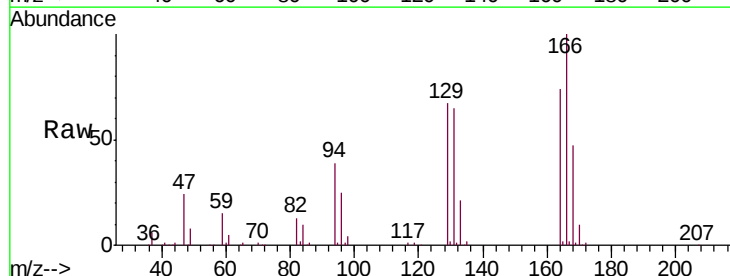
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion:117 Resp: 305239
Ion Ratio Lower Upper
117 100
82 51.2 43.5 65.3
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 20.310 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion:164 Resp: 46179
Ion Ratio Lower Upper
164 100
166 135.2 101.5 152.3
129 90.8 71.1 106.7
131 87.6 69.1 103.7

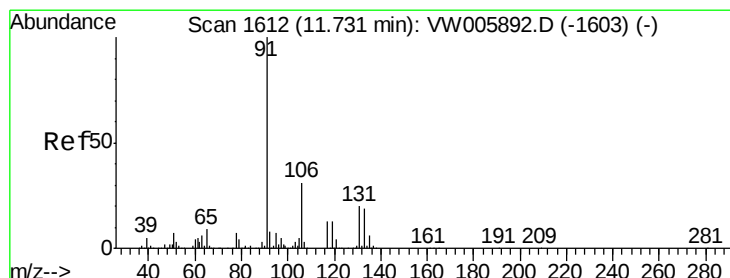
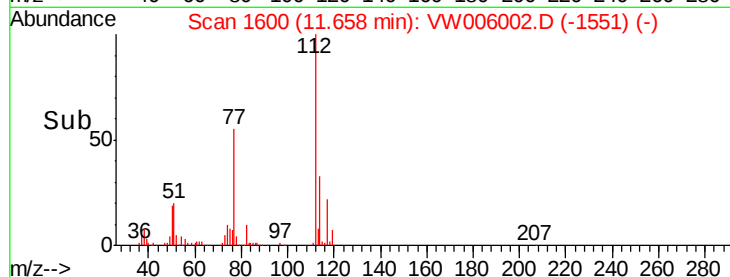
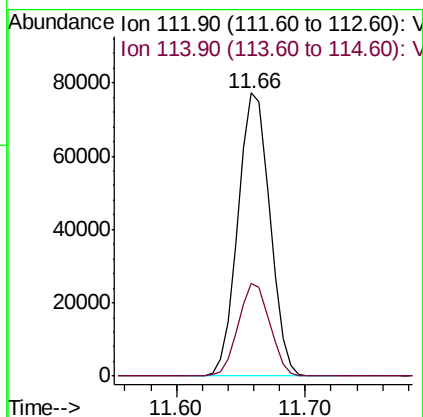
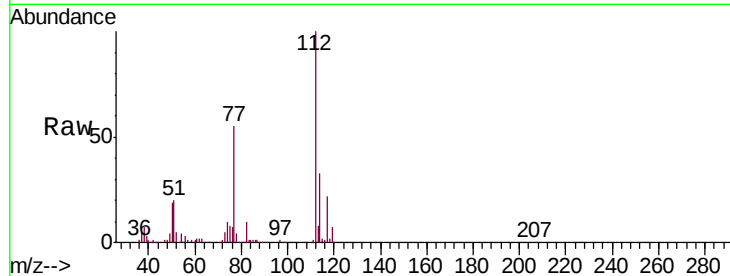




#65
Chlorobenzene
Concen: 20.296 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

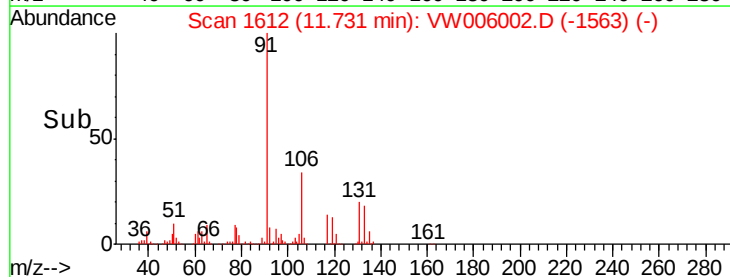
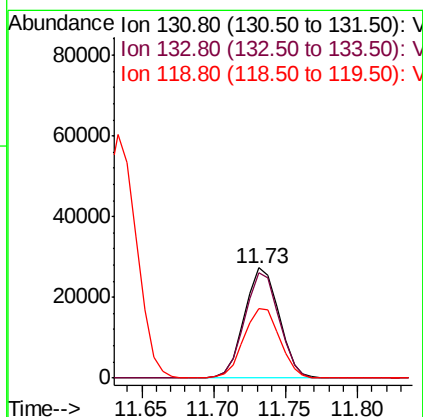
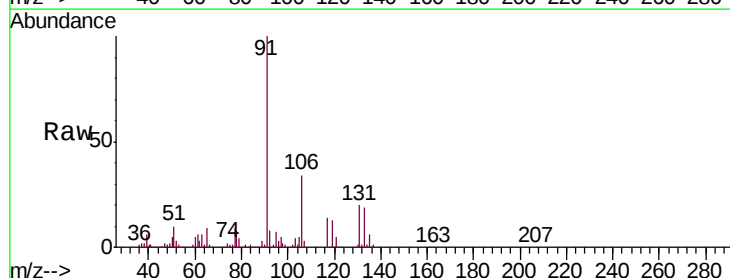
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

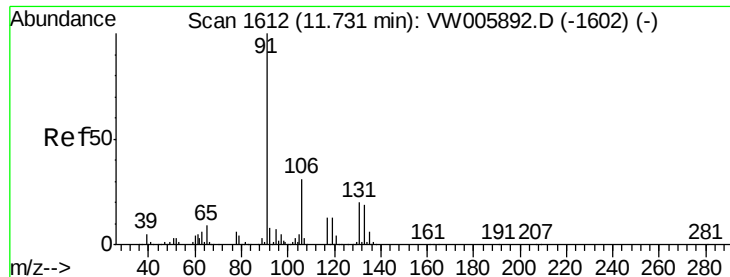
Tgt Ion:112 Resp: 132704
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.065 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion:131 Resp: 45689
Ion Ratio Lower Upper
131 100
133 95.1 48.2 144.6
119 65.5 32.5 97.5

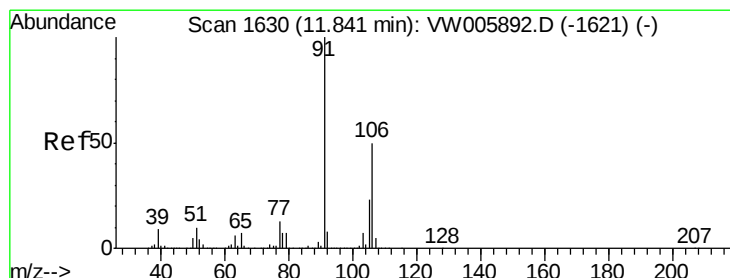
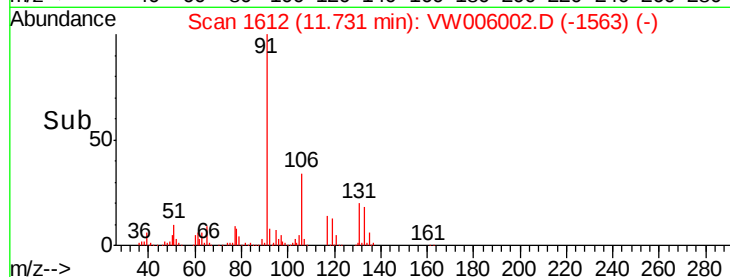
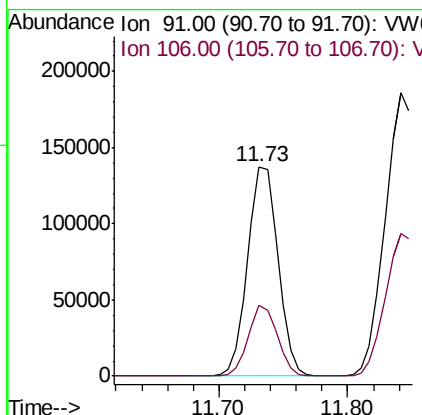
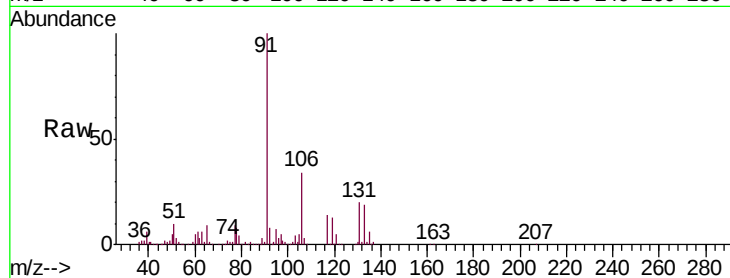




#67
Ethyl Benzene
Concen: 19.348 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

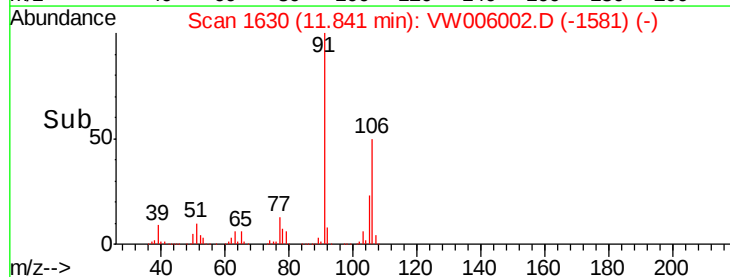
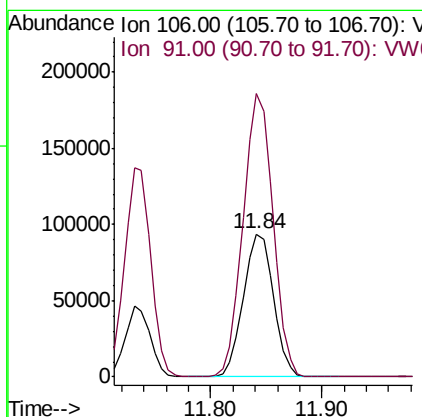
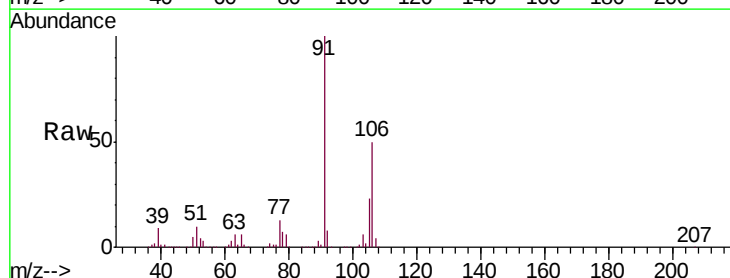
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

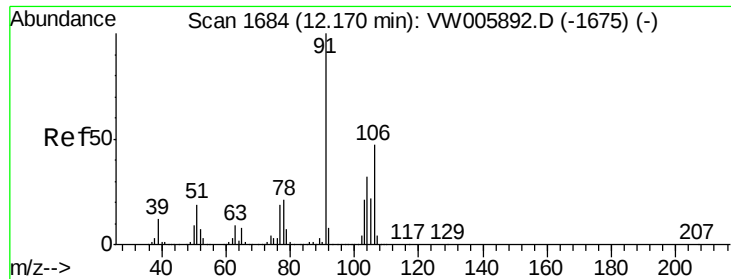
Tgt Ion: 91 Resp: 223443
Ion Ratio Lower Upper
91 100
106 33.6 25.0 37.6



#68
m/p-Xylenes
Concen: 39.167 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 106 Resp: 176765
Ion Ratio Lower Upper
106 100
91 196.6 160.2 240.2

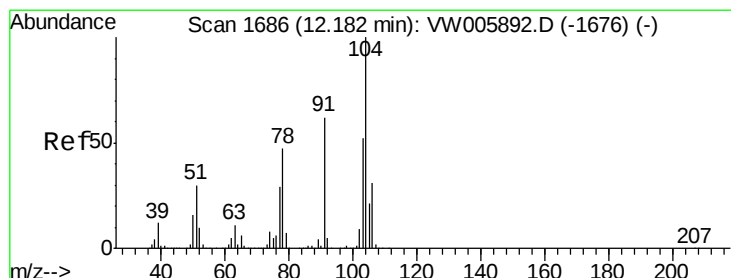
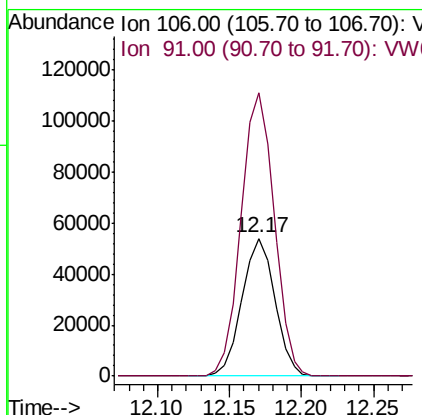
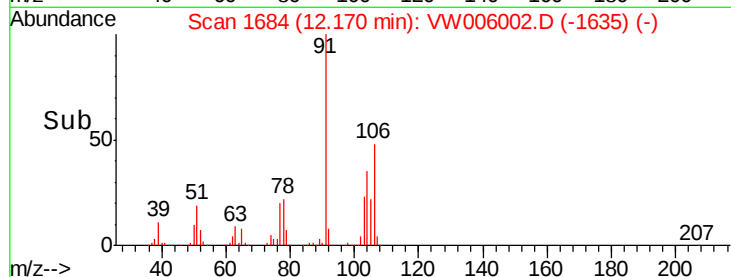
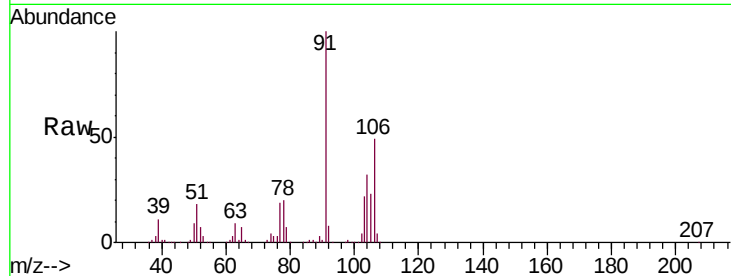




#69
o-Xylene
Concen: 19.836 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

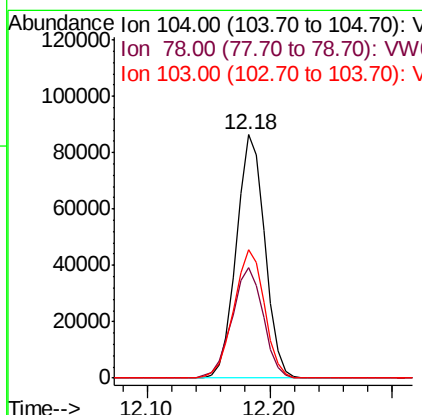
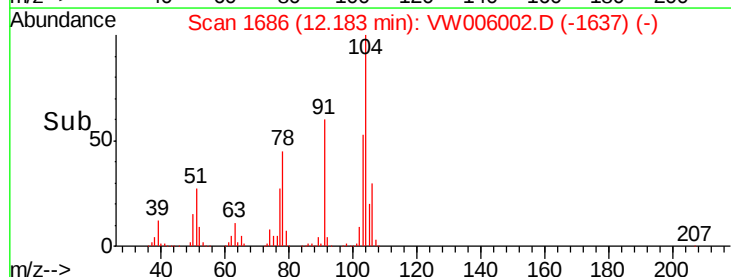
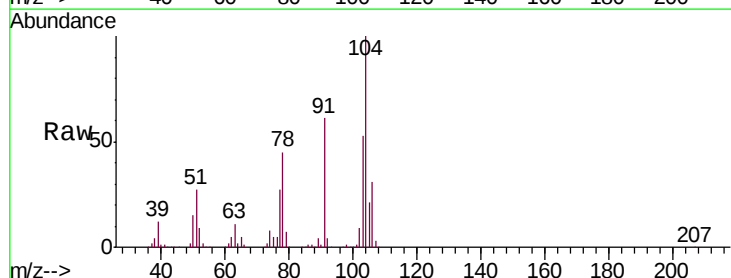
Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion:106 Resp: 85706
Ion Ratio Lower Upper
106 100
91 207.3 106.2 318.5



#70
Styrene
Concen: 19.354 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion:104 Resp: 138745
Ion Ratio Lower Upper
104 100
78 49.5 40.4 60.6
103 56.8 44.2 66.2

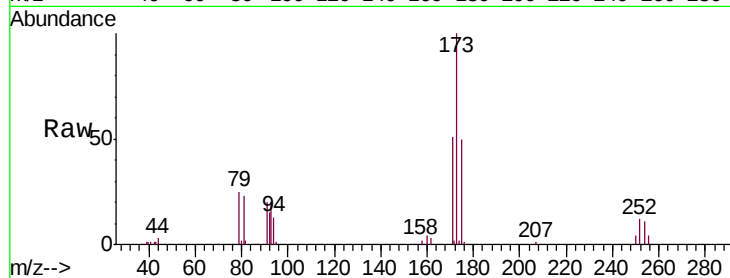




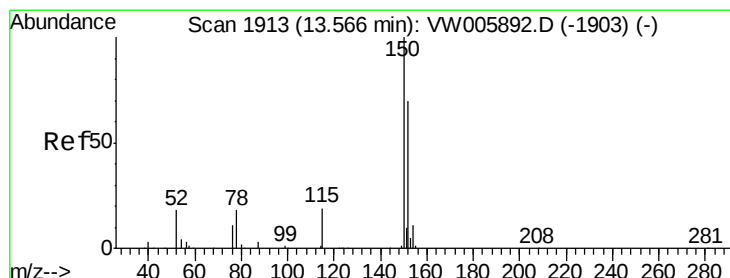
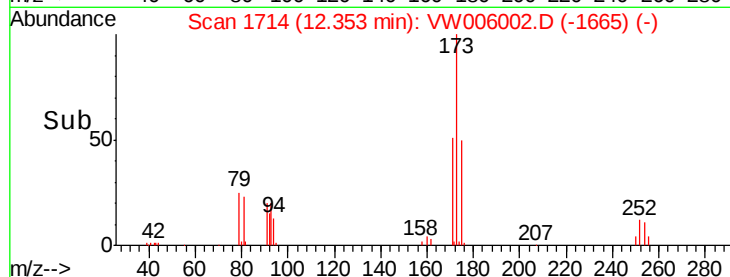
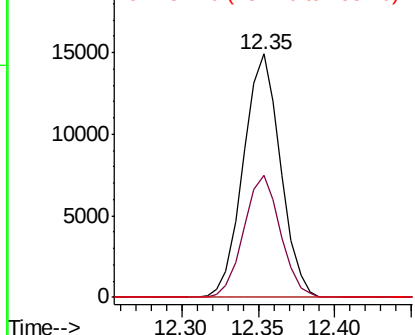
#71
Bromoform
Concen: 17.654 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion:173 Resp: 25201
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.0 0.2 0.2#

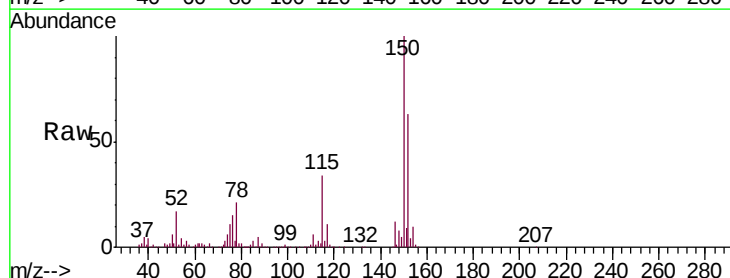


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

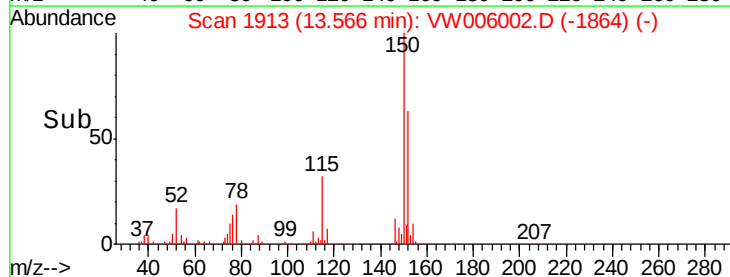
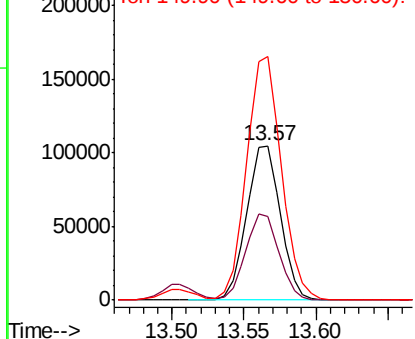


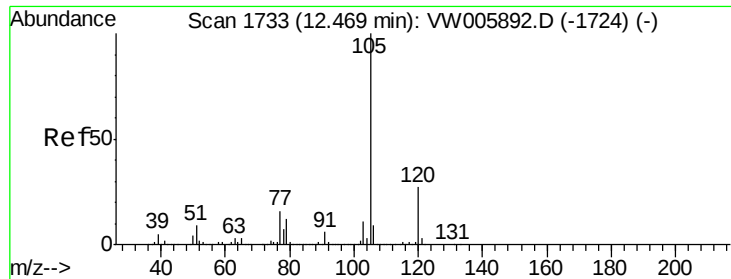
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion:152 Resp: 168905
Ion Ratio Lower Upper
152 100
115 55.1 28.3 85.0
150 163.0 0.0 349.2



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





#73

Isopropylbenzene

Concen: 18.941 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

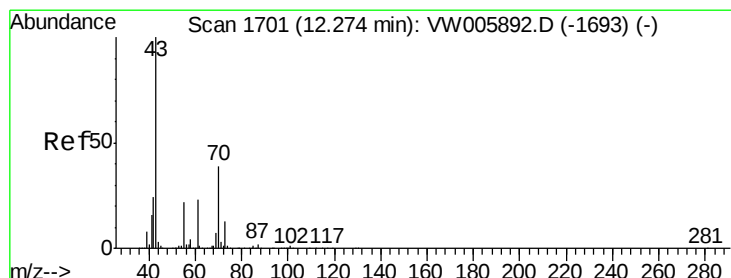
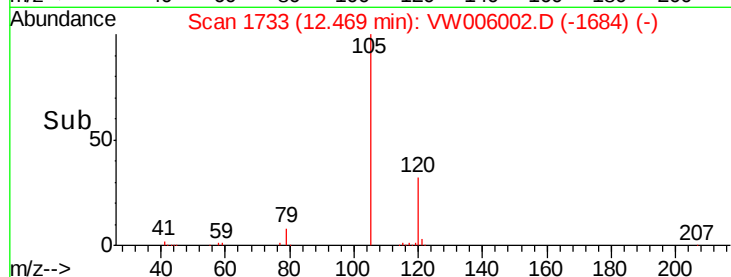
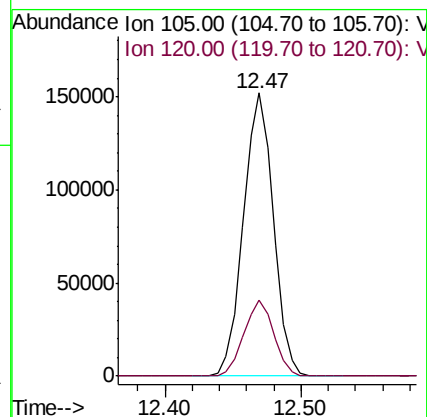
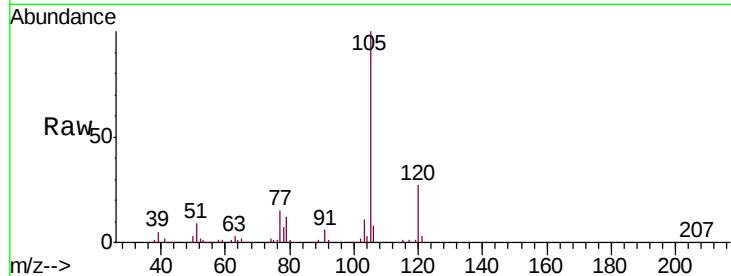
VW1011SBSD01

Tgt Ion:105 Resp: 233648

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.8



#74

N-ethyl acetate

Concen: 17.451 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion: 43 Resp: 51124

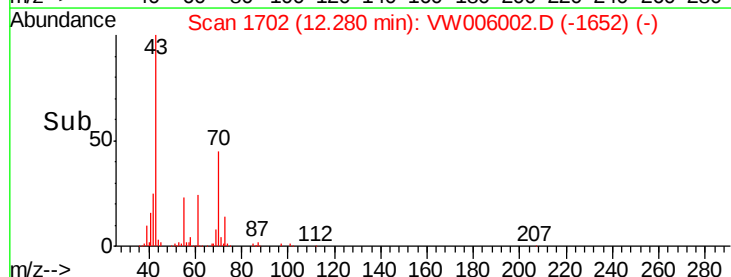
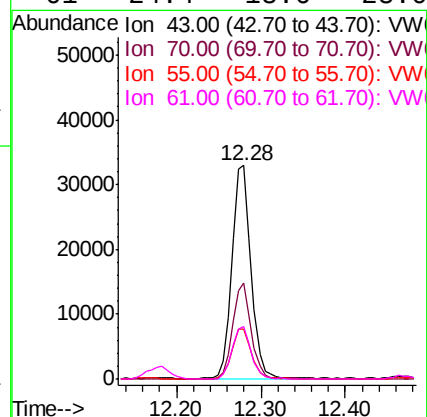
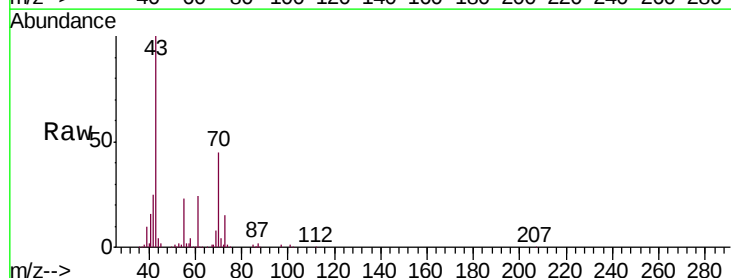
Ion Ratio Lower Upper

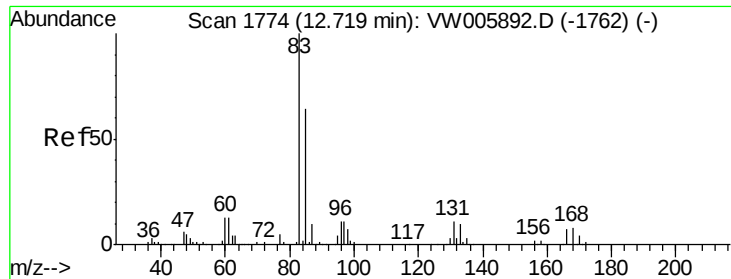
43 100

70 43.8 31.6 47.4

55 24.5 17.9 26.9

61 24.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.202 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

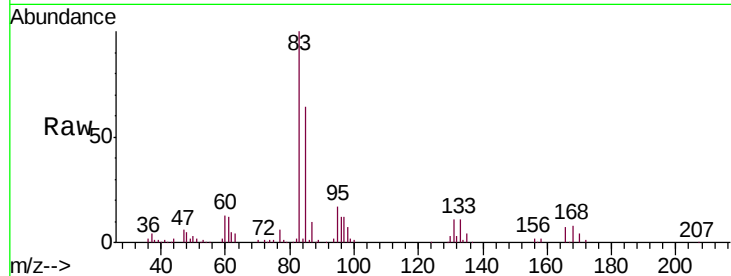
Tgt Ion: 83 Resp: 40846

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.3

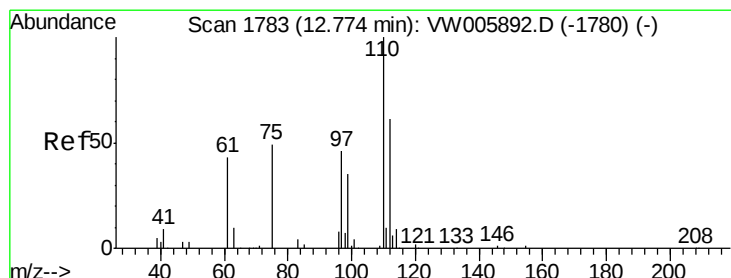
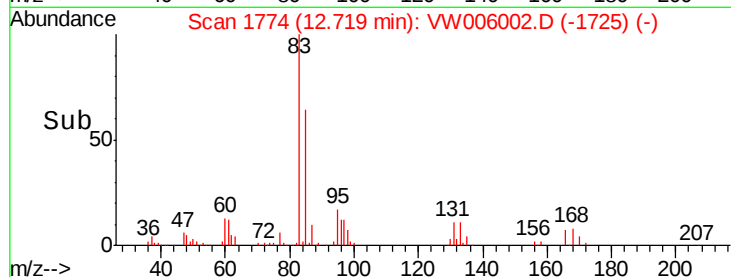
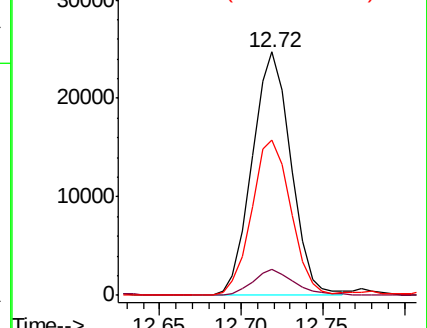
85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.816 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006002.D

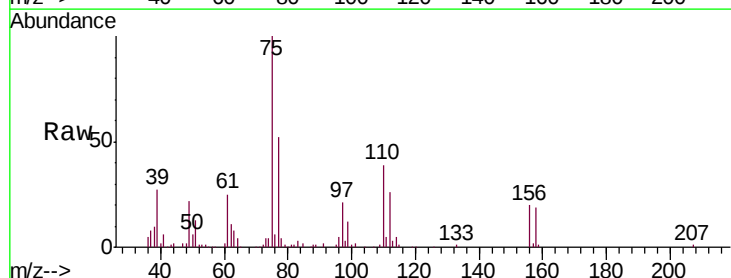
Acq: 10 Oct 2018 22:58

Tgt Ion: 75 Resp: 51021

Ion Ratio Lower Upper

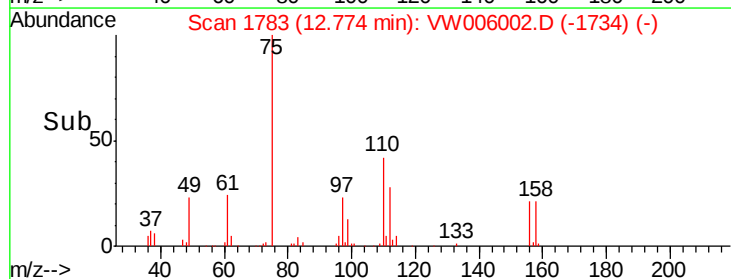
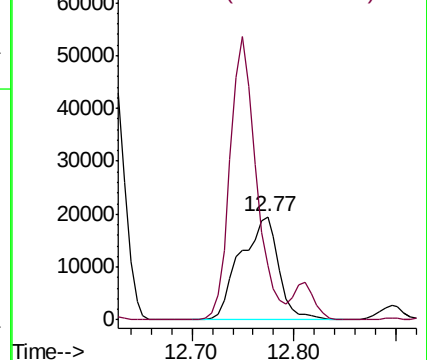
75 100

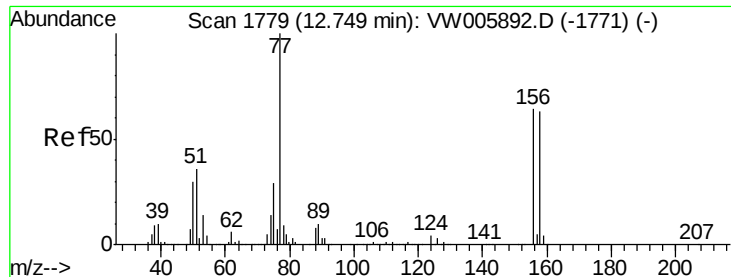
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.155 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

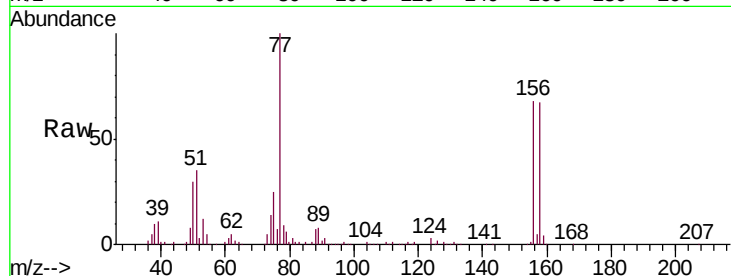
Tgt Ion:156 Resp: 58902

Ion Ratio Lower Upper

156 100

77 163.0 85.8 257.4

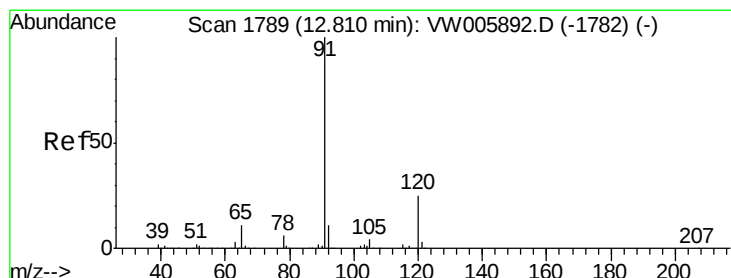
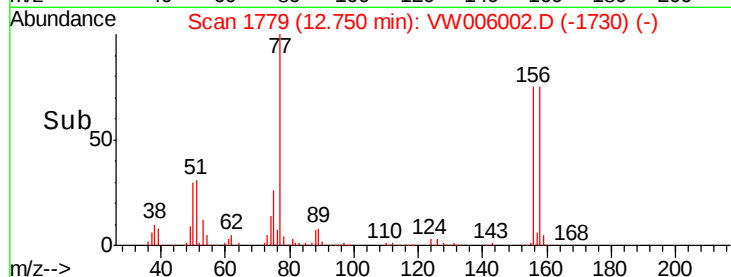
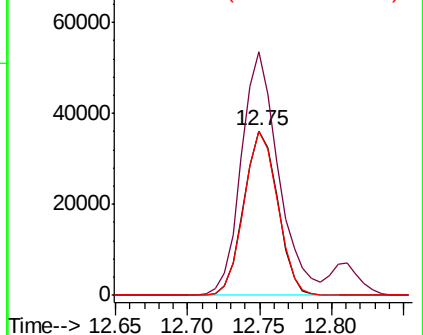
158 99.5 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.004 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006002.D

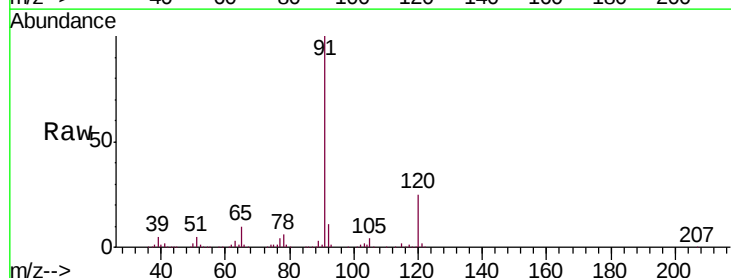
Acq: 10 Oct 2018 22:58

Tgt Ion: 91 Resp: 275766

Ion Ratio Lower Upper

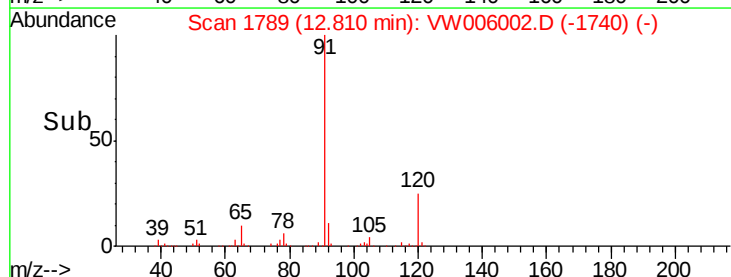
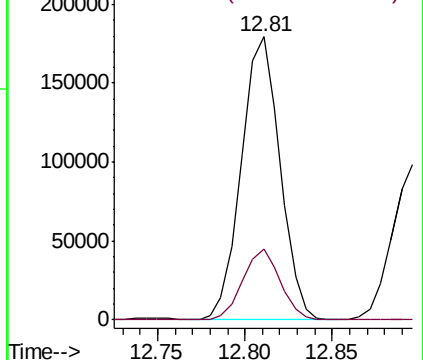
91 100

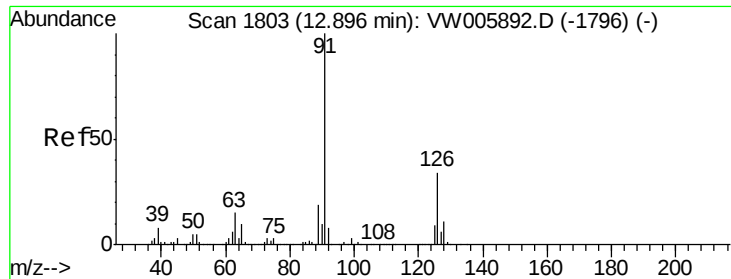
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.083 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

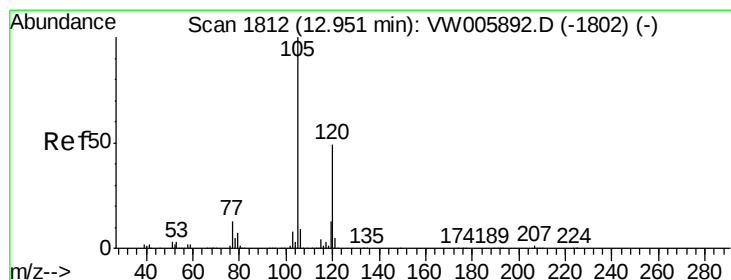
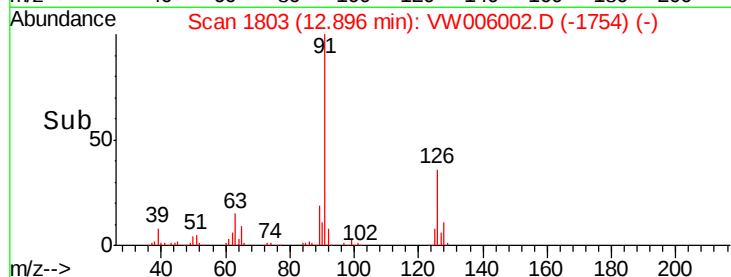
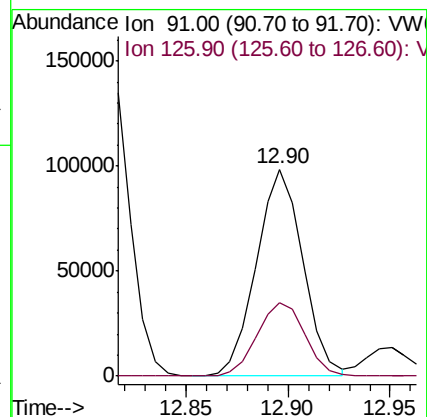
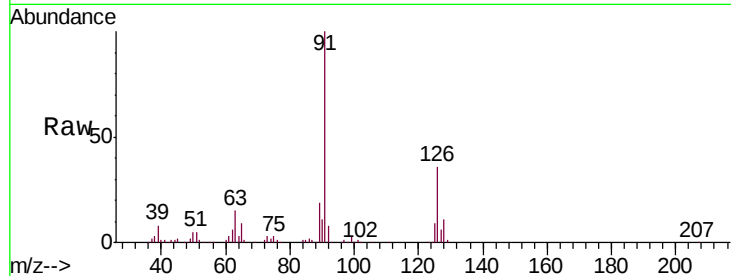
VW1011SBSD01

Tgt Ion: 91 Resp: 156315

Ion Ratio Lower Upper

91 100

126 36.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 19.083 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006002.D

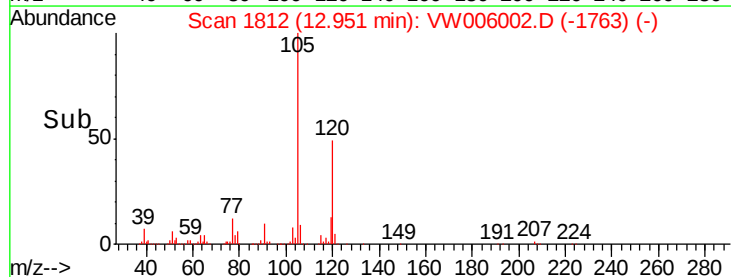
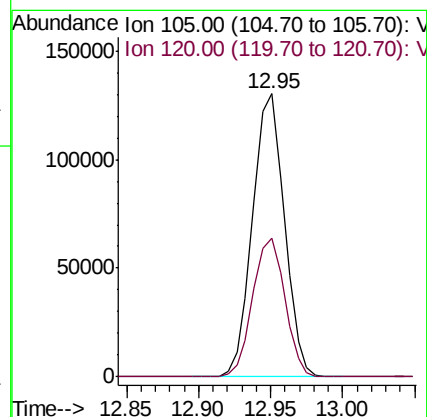
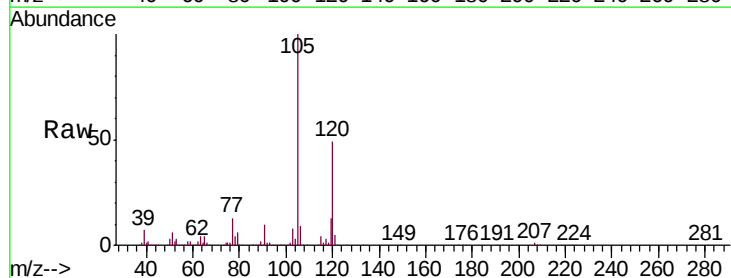
Acq: 10 Oct 2018 22:58

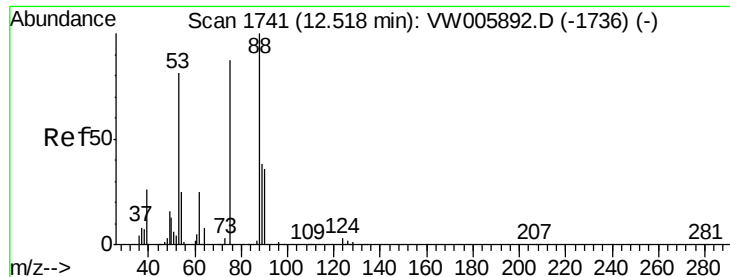
Tgt Ion: 105 Resp: 198731

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.499 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

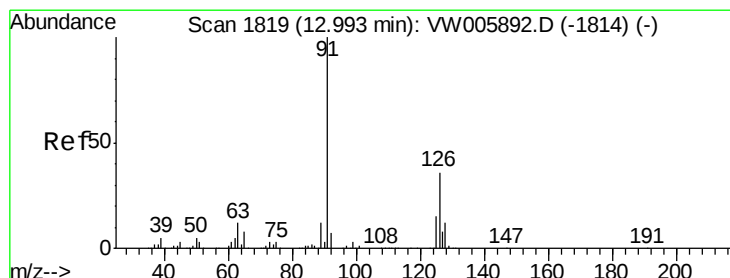
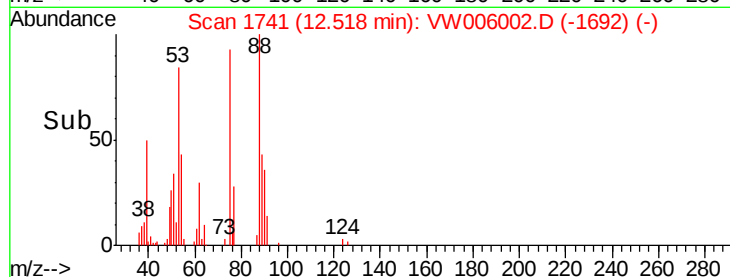
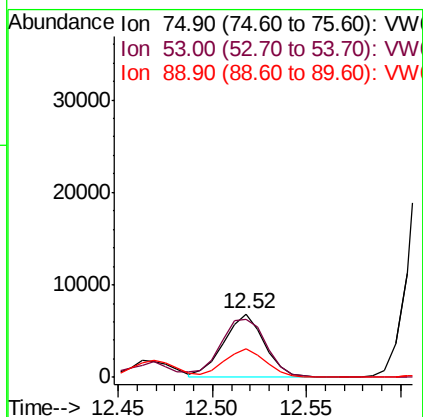
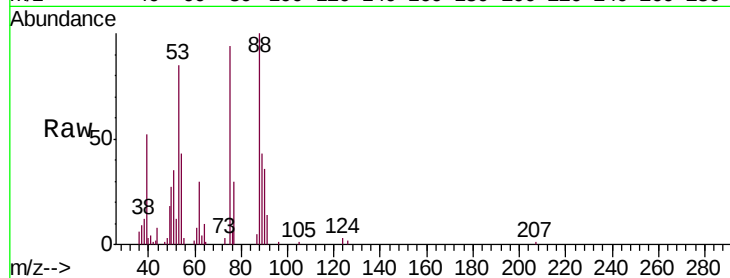
Tgt Ion: 75 Resp: 10362

Ion Ratio Lower Upper

75 100

53 102.8 76.5 114.7

89 45.4 37.6 56.4



#82

4-Chlorotoluene

Concen: 19.190 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006002.D

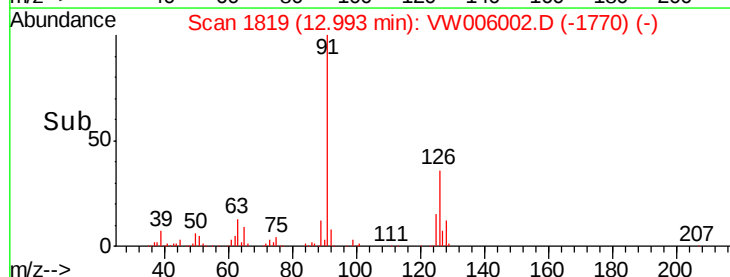
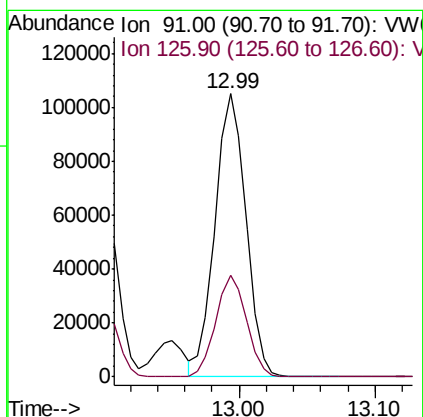
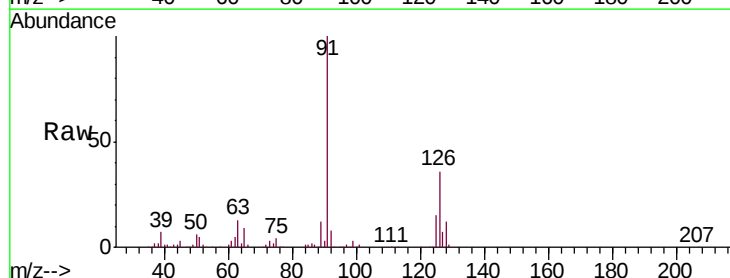
Acq: 10 Oct 2018 22:58

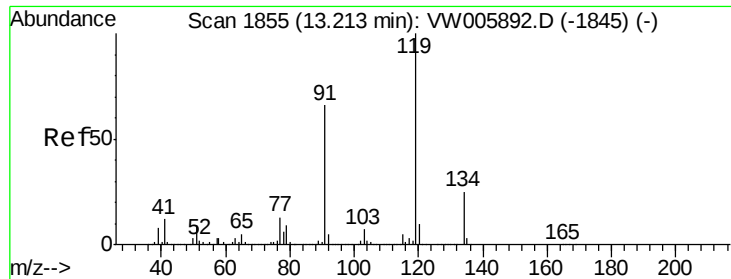
Tgt Ion: 91 Resp: 165383

Ion Ratio Lower Upper

91 100

126 35.7 17.4 52.2

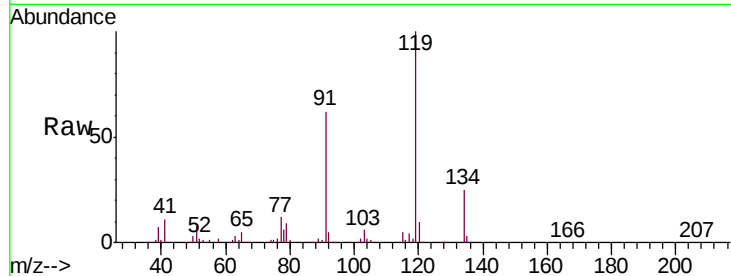




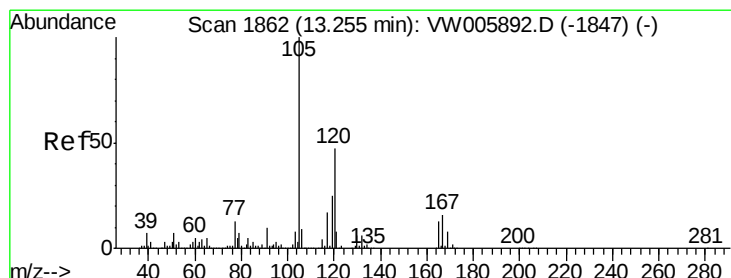
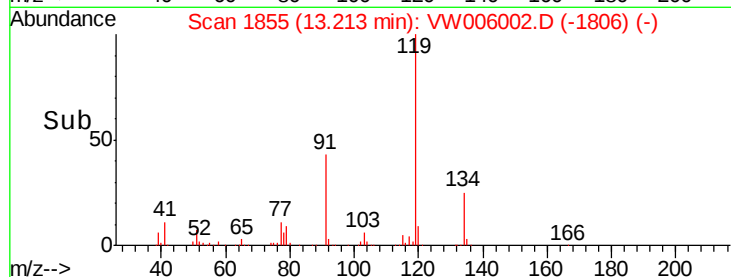
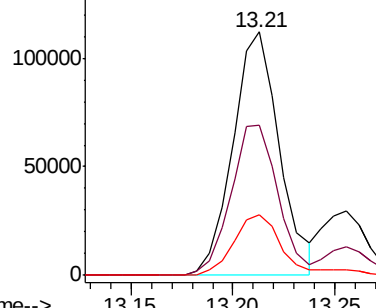
#83
 tert-Butylbenzene
 Concen: 19.237 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tgt Ion:119 Resp: 178182
 Ion Ratio Lower Upper
 119 100
 91 62.6 32.4 97.0
 134 27.0 13.2 39.6

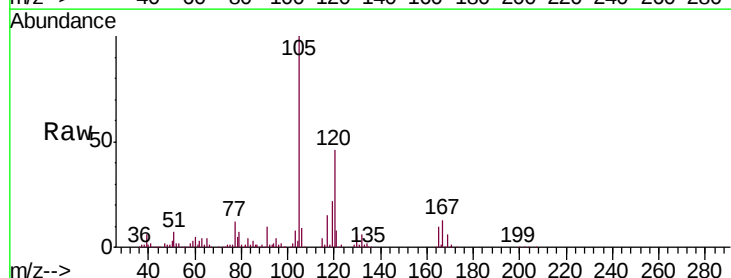


Abundance Ion 119.00 (118.70 to 119.70): V
 150000 Ion 91.00 (90.70 to 91.70): VW
 Ion 134.00 (133.70 to 134.70): V

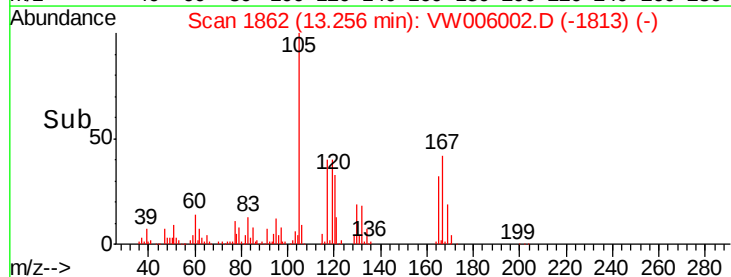
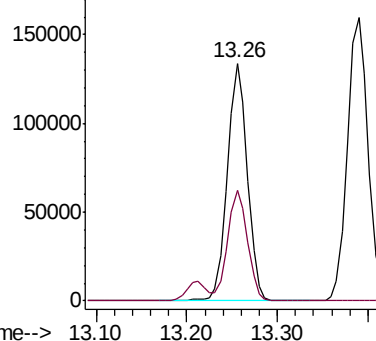


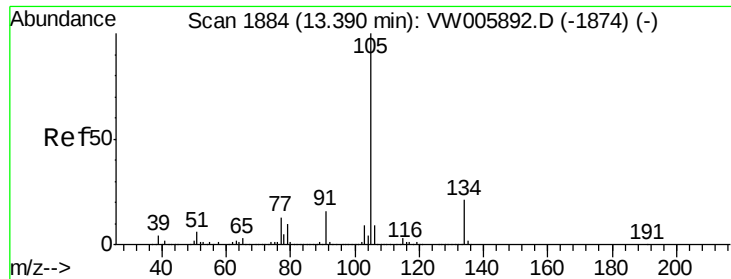
#84
 1,2,4-Trimethylbenzene
 Concen: 19.394 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion:105 Resp: 203731
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
 150000 Ion 120.00 (119.70 to 120.70): V

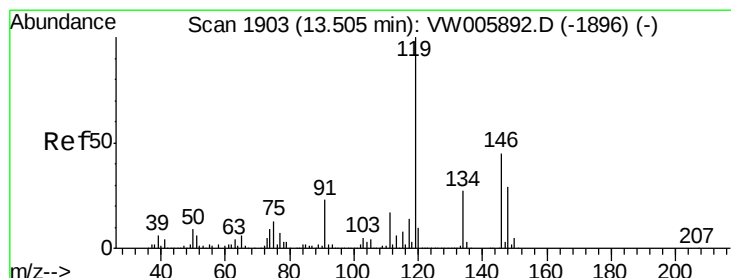
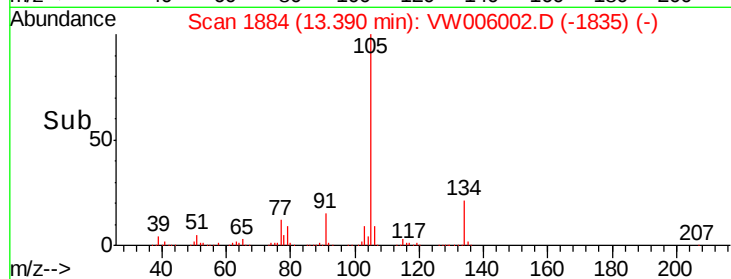
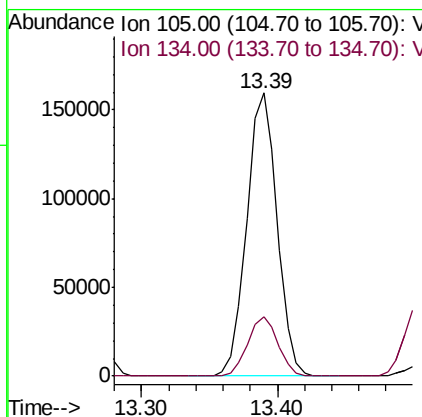
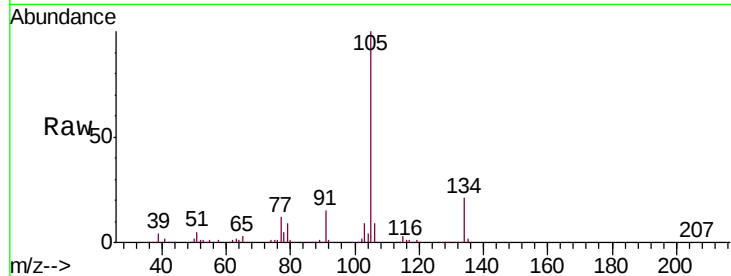




#85
 sec-Butylbenzene
 Concen: 19.190 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

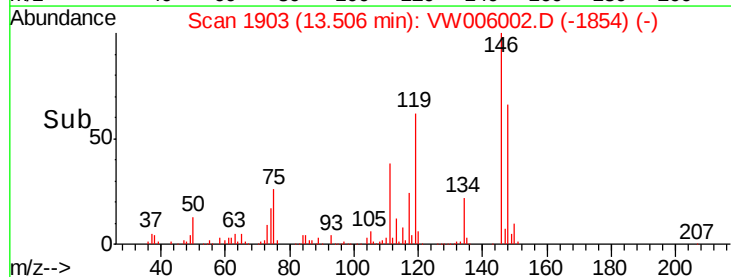
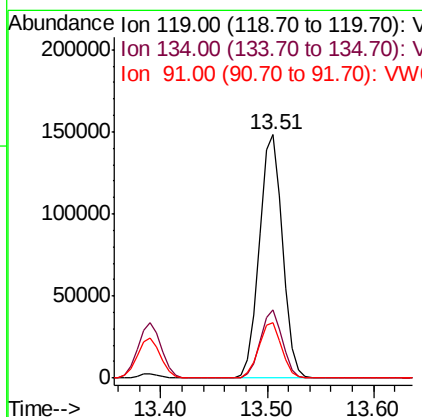
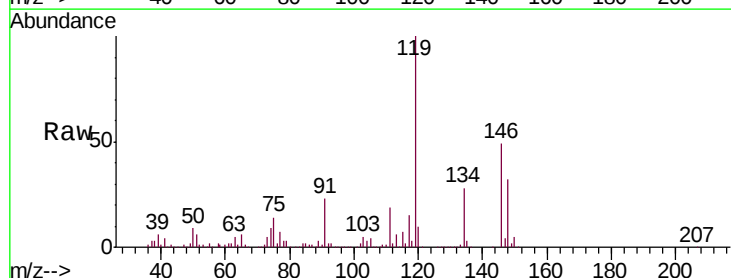
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

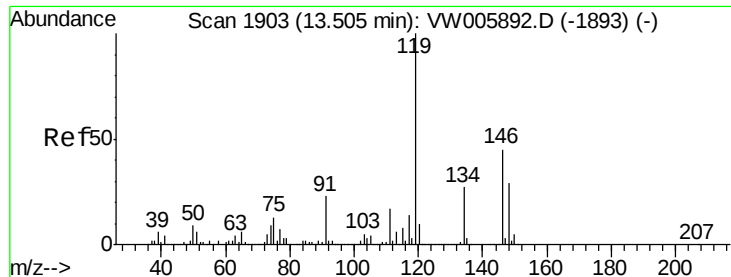
Tgt Ion:105 Resp: 249503
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 19.364 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion:119 Resp: 226415
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 22.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.221 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

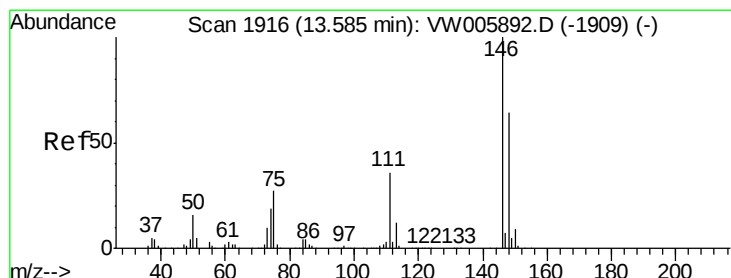
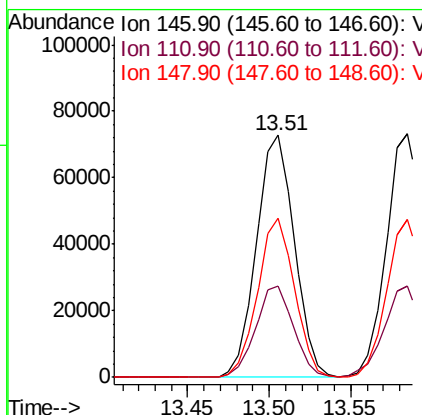
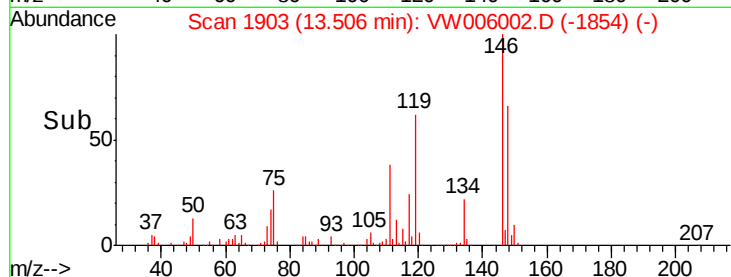
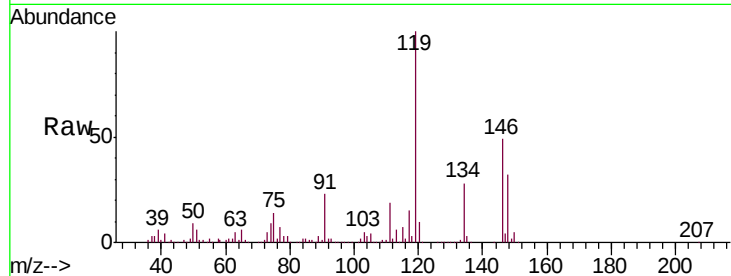
Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion:146 Resp: 117403

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.5	58.5
148	63.9	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 20.358 ug/l

RT: 13.58 min Scan# 1916

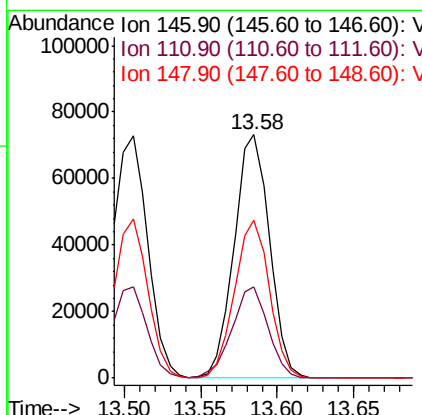
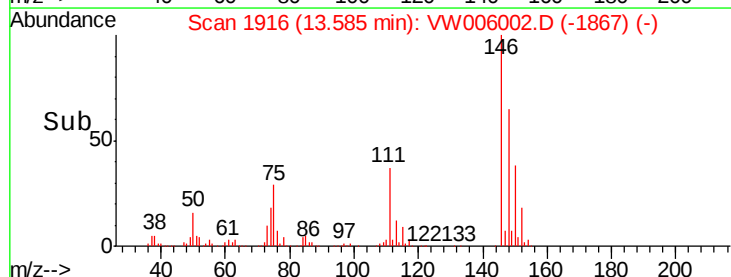
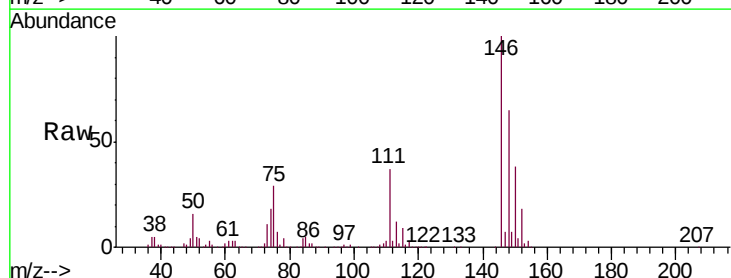
Delta R.T. 0.00 min

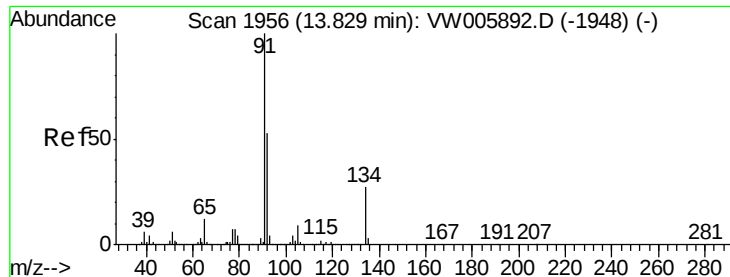
Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion:146 Resp: 117456

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.0	32.0	96.2





#89

n-Butylbenzene

Concen: 18.827 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampled :

VW1011SBSD01

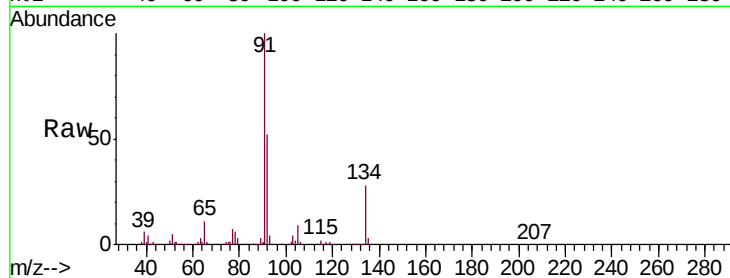
Tgt Ion: 91 Resp: 207507

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.8

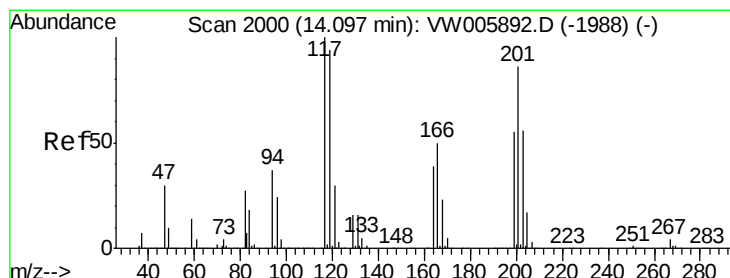
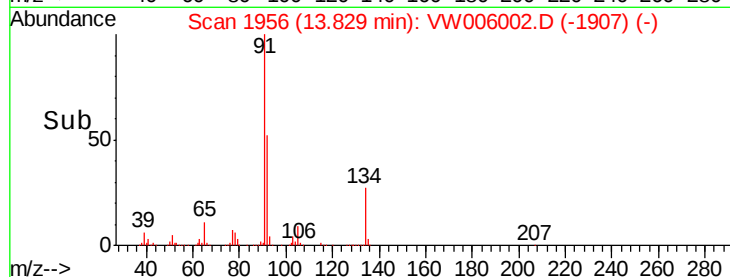
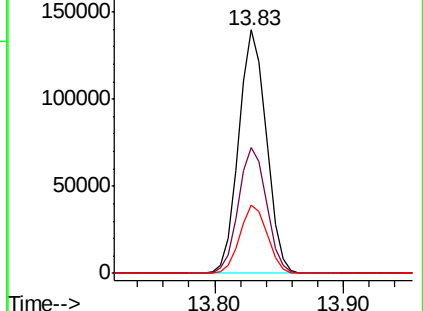
134 27.9 13.8 41.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 16.516 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006002.D

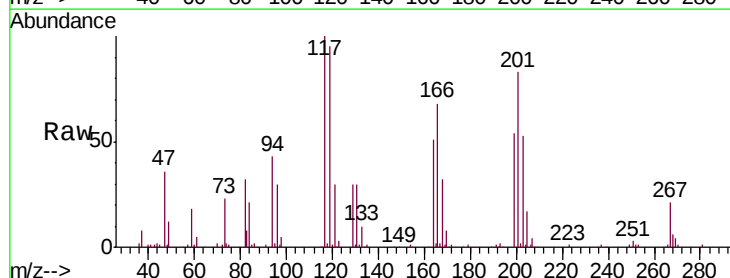
Acq: 10 Oct 2018 22:58

Tgt Ion: 117 Resp: 36319

Ion Ratio Lower Upper

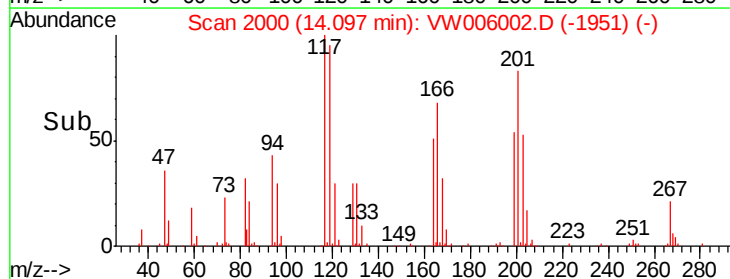
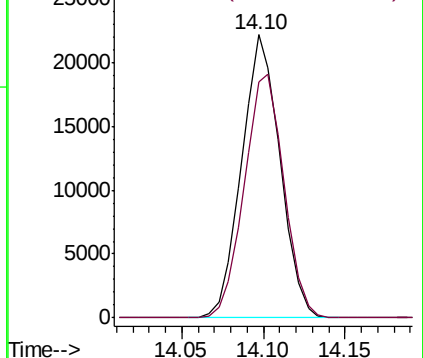
117 100

201 88.5 44.5 133.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.725 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

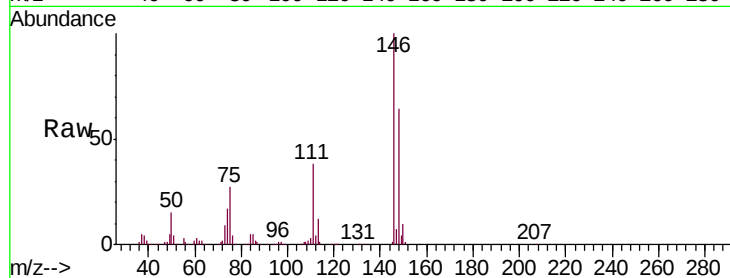
Tgt Ion:146 Resp: 106832

Ion Ratio Lower Upper

146 100

111 39.3 20.3 61.0

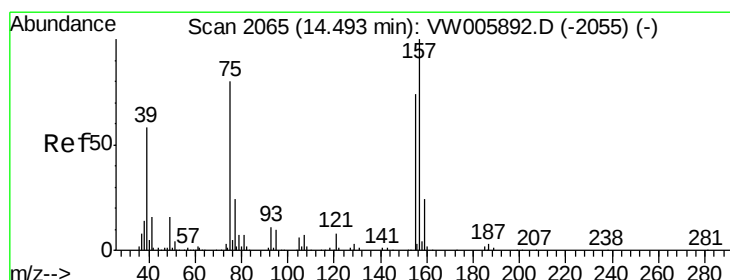
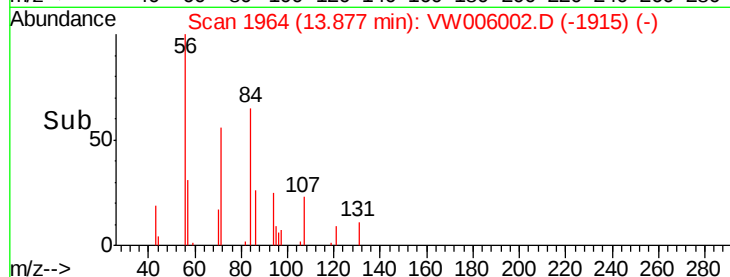
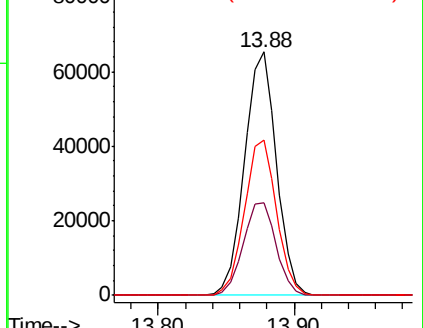
148 64.2 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.883 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

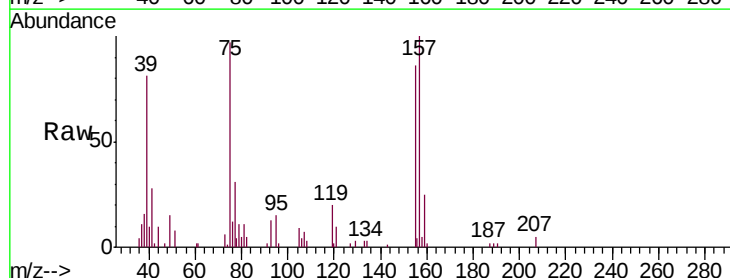
Tgt Ion: 75 Resp: 6738

Ion Ratio Lower Upper

75 100

155 94.1 44.8 134.3

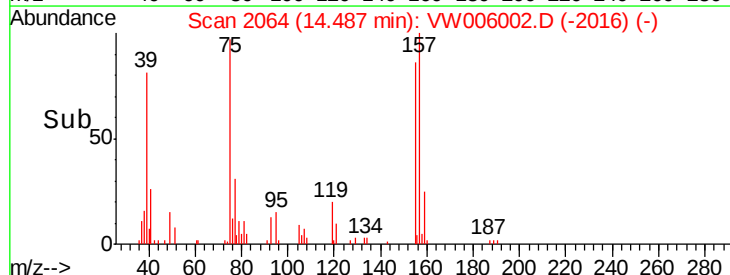
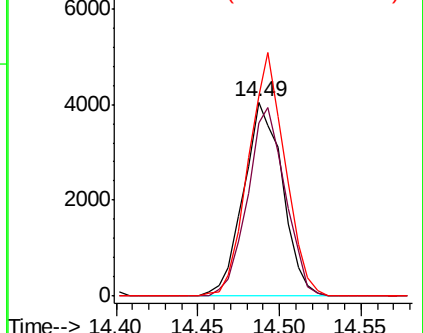
157 118.1 58.9 176.6

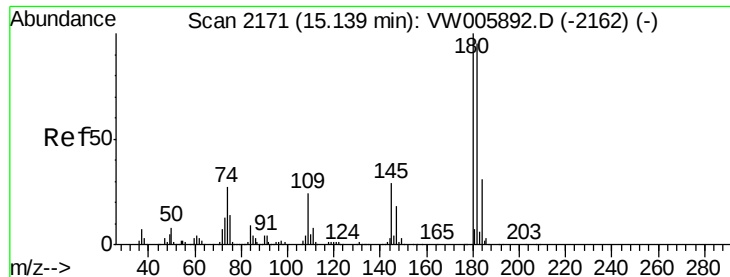


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

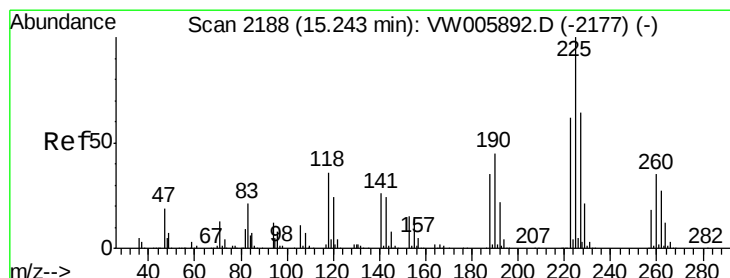
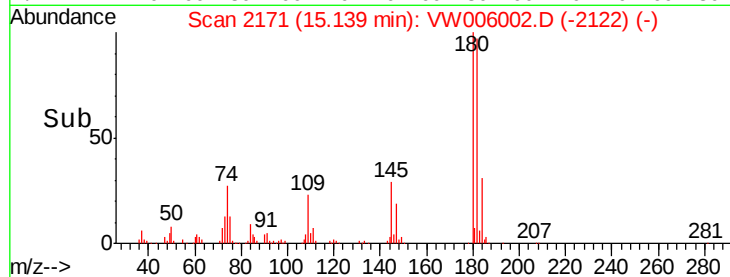
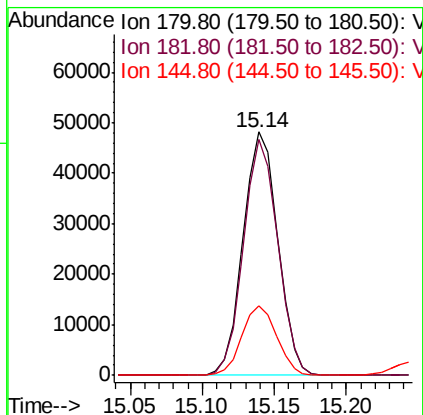
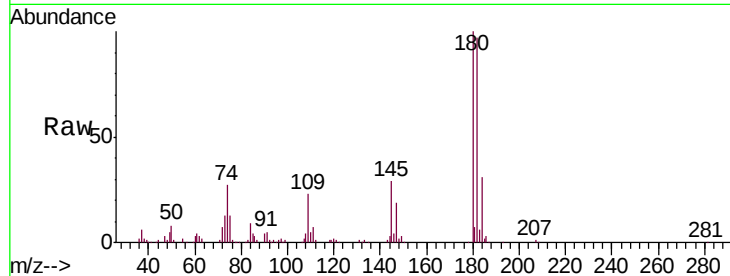




#93
 1,2,4-Trichlorobenzene
 Concen: 20.076 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

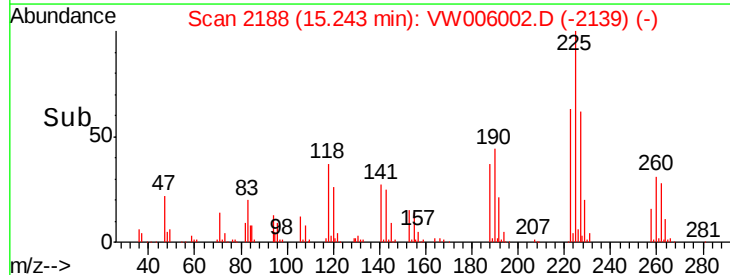
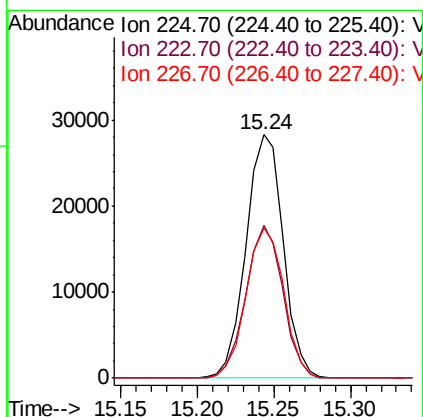
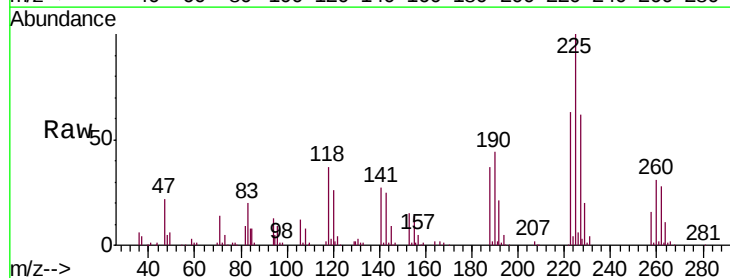
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

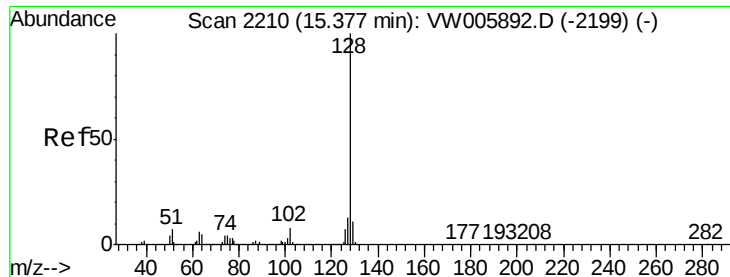
Tgt Ion:180 Resp: 80241
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.3
 145 28.9 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 19.172 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion:225 Resp: 47830
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 62.7 31.9 95.9

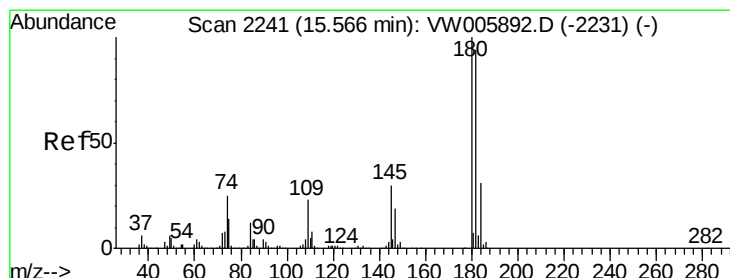
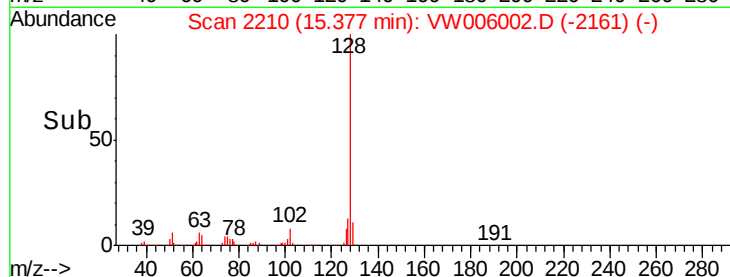
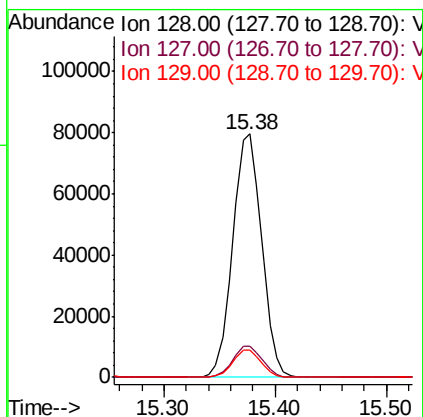
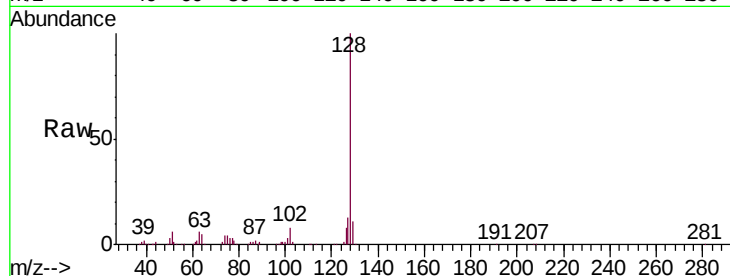




#95
Naphthalene
Concen: 20.763 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tgt Ion:128 Resp: 143046
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.725 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion:180 Resp: 71726
Ion Ratio Lower Upper
180 100
182 93.7 47.6 142.8
145 31.3 15.3 45.9

