

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006108.D
 Acq On : 17 Oct 2018 06:05
 Operator : VA/AP
 Sample : J5539-05
 Misc : 10.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-6-8FT

Quant Time: Oct 17 07:22:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	381505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	705492	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97232	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
35) Dibromofluoromethane	7.89	113	96865	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
50) Toluene-d8	10.33	98	4647852	541.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1083.86%	
62) 4-Bromofluorobenzene	12.63	95	2497939	775.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1550.92%	

Target Compounds					Qvalue	
13) Acrolein	4.12	56	43785	318.621	ug/l	86
14) Allyl chloride	4.76	41	10658	3.503	ug/l #	64
15) Acrylonitrile	5.44	53	38851	94.425	ug/l #	40
16) Acetone	4.12	43	141685	364.425	ug/l #	58
17) Carbon Disulfide	4.38	76	23581	3.671	ug/l	99
20) Methylene Chloride	4.92	84	15718	5.589	ug/l #	17
25) 2-Butanone	7.18	43	28249	49.520	ug/l #	53
30) Chloroform	7.64	83	21727	5.140	ug/l #	20
31) Cyclohexane	7.96	56	2286041	591.624	ug/l	97
36) 1,1-Dichloropropene	7.95	75	18909	5.377	ug/l #	1
37) Ethyl Acetate	7.18	43	28249	21.622	ug/l #	70
38) Carbon Tetrachloride	7.95	117	22656	5.877	ug/l #	16
39) Methylcyclohexane	9.35	83	22353149	4782.169	ug/l	93
40) Benzene	8.32	78	87215	9.042	ug/l	100
41) Methacrylonitrile	7.52	41	4227	5.367	ug/l #	55
42) 1,2-Dichloroethane	8.44	62	5987	2.113	ug/l #	1
43) Isopropyl Acetate	8.43	43	306404	114.703	ug/l #	50
45) 1,2-Dichloropropane	9.34	63	223775	96.949	ug/l #	1
47) Bromodichloromethane	9.62	83	251510	78.856	ug/l #	71
48) Methyl methacrylate	9.52	41	1165567	920.505	ug/l #	61
49) 1,4-Dioxane	9.35	88	522	25.775	ug/l #	1
51) 4-Methyl-2-Pentanone	10.11	43	9678722	7231.479	ug/l #	42
52) Toluene	10.34	92	21106	3.264	ug/l #	1
53) t-1,3-Dichloropropene	10.68	75	14276	4.492	ug/l #	1
54) cis-1,3-Dichloropropene	10.10	75	3804	1.043	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	12968323	7044.309	ug/l #	21
56) Ethyl methacrylate	10.64	69	2749595	1218.317	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.91	63	11565	13.411	ug/l #	47
59) 2-Hexanone	10.96	43	11691844	12237.533	ug/l #	30
60) Dibromochloromethane	11.06	129	35557	15.506	ug/l	64
61) 1,2-Dibromoethane	11.24	107	14717	8.001	ug/l #	1
65) Chlorobenzene	11.57	112	172054	27.253	ug/l #	42
67) Ethyl Benzene	11.74	91	11651637	1064.947	ug/l	93
68) m/p-Xylenes	11.74	106	4051712	936.924	ug/l #	41

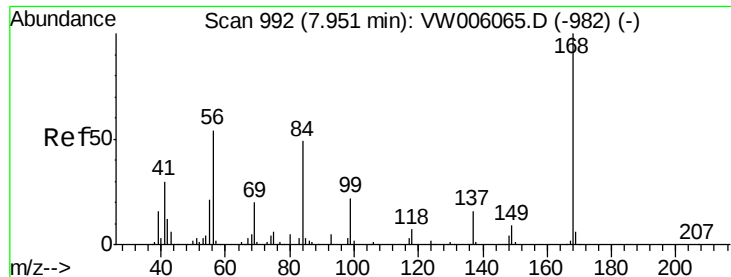
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006108.D
 Acq On : 17 Oct 2018 06:05
 Operator : VA/AP
 Sample : J5539-05
 Misc : 10.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-6-8FT

Quant Time: Oct 17 07:22:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	12.18	106	30714	7.452	ug/l #	1
73) Isopropylbenzene	12.48	105	9617632	192.967	ug/l	95
74) N-amyl acetate	12.27	43	8510301	879.120	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.71	83	2438663	321.699	ug/l #	26
76) 1,2,3-Trichloropropane	12.82	75	81959	15.210	ug/l #	100
77) Bromobenzene	12.73	156	27301	2.236	ug/l #	1
78) n-propylbenzene	12.82	91	13102722	225.965	ug/l	90
79) 2-Chlorotoluene	12.82	91	13102722	402.173	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.91	105	78438	1.867	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.47	75	94565	41.949	ug/l #	1
82) 4-Chlorotoluene	12.82	91	13084624	383.394	ug/l #	39
83) tert-Butylbenzene	13.22	119	439061	11.679	ug/l	90
84) 1,2,4-Trimethylbenzene	13.40	105	9888723	232.581	ug/l #	31
85) sec-Butylbenzene	13.40	105	9888723	186.199	ug/l #	72
86) p-Isopropyltoluene	13.67	119	1906853	39.696	ug/l	89
89) n-Butylbenzene	13.84	91	7715756	175.632	ug/l #	84
90) Hexachloroethane	14.11	117	1950754	239.749	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27114	19.977	ug/l #	1
95) Naphthalene	15.38	128	16997216	612.762	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampled :

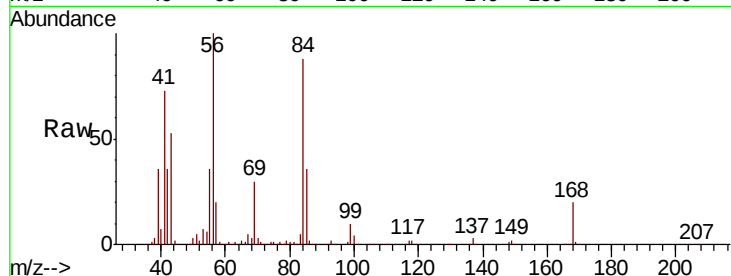
SB-1-6-8FT

Tgt Ion:168 Resp: 254704

Ion Ratio Lower Upper

168 100

99 50.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

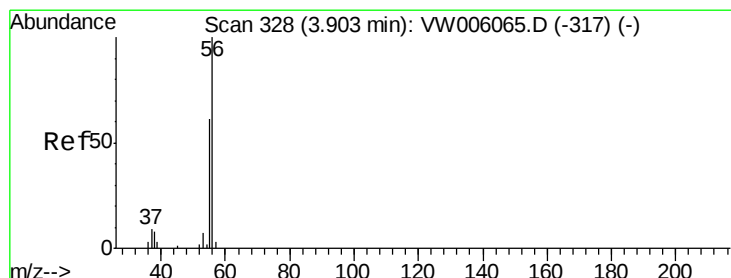
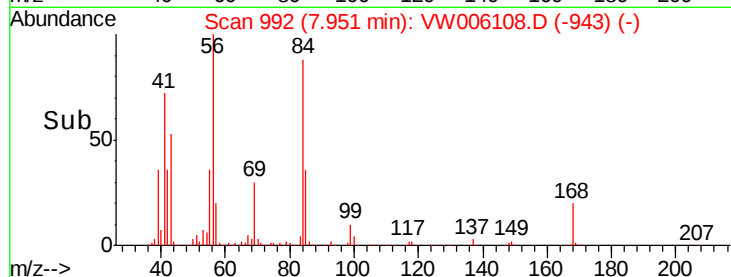
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#13

Acrolein

Concen: 318.621 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.21 min

Lab File: VW006108.D

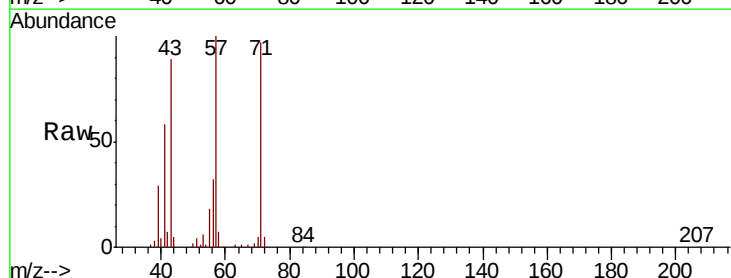
Acq: 17 Oct 2018 06:05

Tgt Ion: 56 Resp: 43785

Ion Ratio Lower Upper

56 100

55 56.5 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

4.12

12000

10000

8000

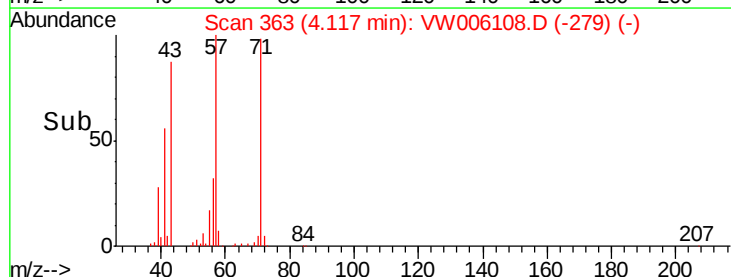
6000

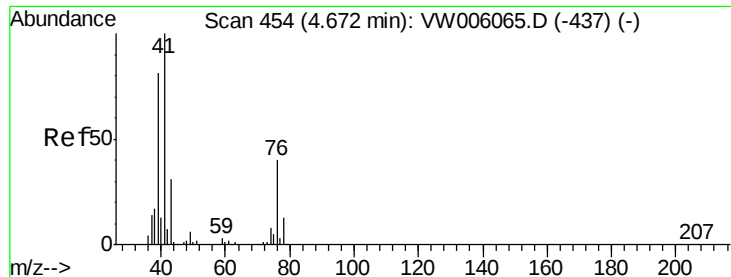
4000

2000

0

Time--> 4.00 4.10 4.20

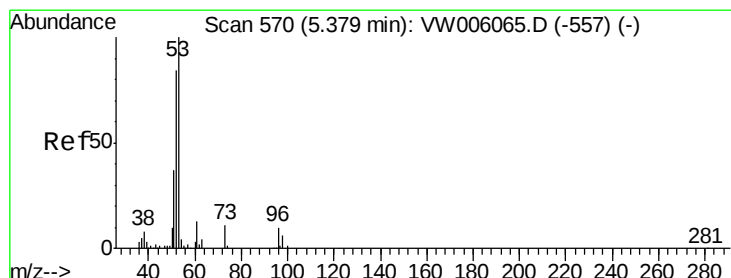
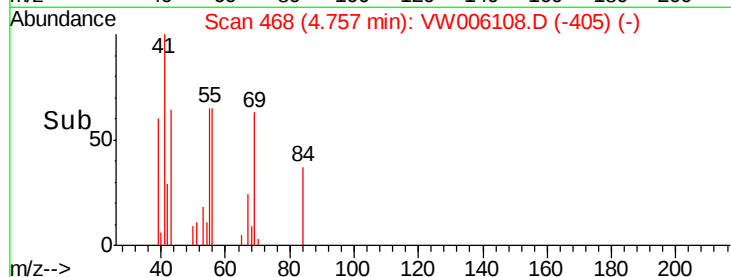
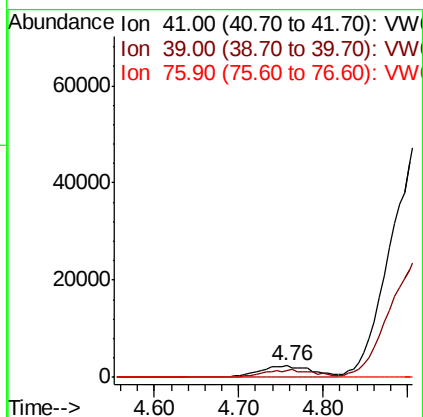
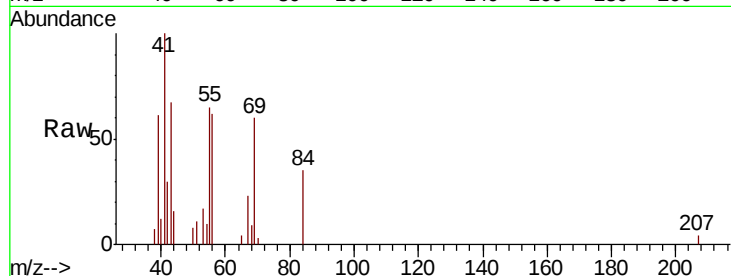




#14
 Allyl chloride
 Concen: 3.503 ug/l
 RT: 4.76 min Scan# 468
 Delta R.T. 0.09 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

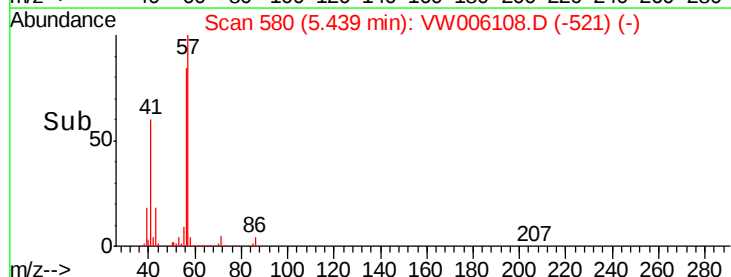
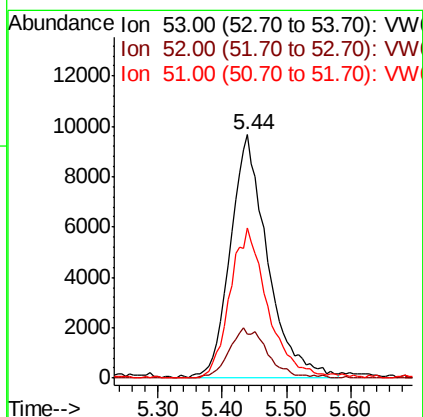
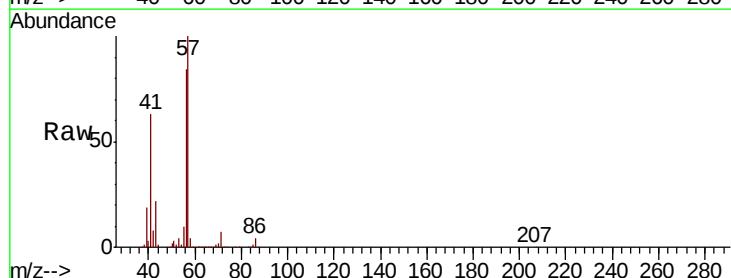
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-6-8FT

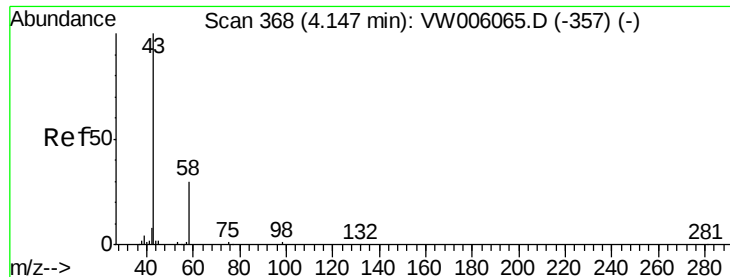
Tgt Ion: 41 Resp: 10658
 Ion Ratio Lower Upper
 41 100
 39 61.5 64.1 96.1#
 76 0.0 32.2 48.4#



#15
 Acrylonitrile
 Concen: 94.425 ug/l
 RT: 5.44 min Scan# 580
 Delta R.T. 0.06 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Tgt Ion: 53 Resp: 38851
 Ion Ratio Lower Upper
 53 100
 52 21.2 66.9 100.3#
 51 62.1 30.1 45.1#





#16

Acetone

Concen: 364.425 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

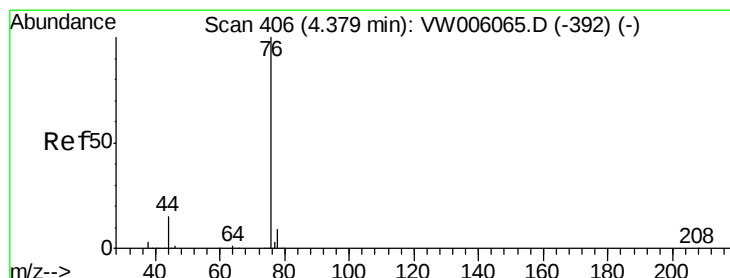
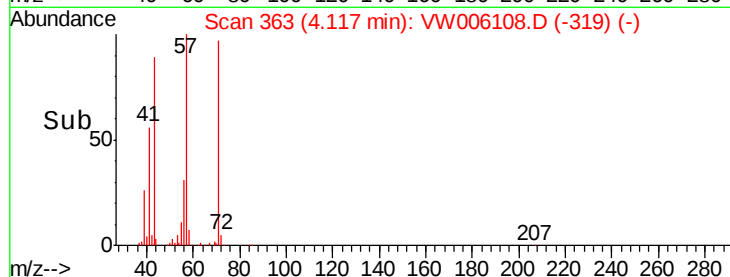
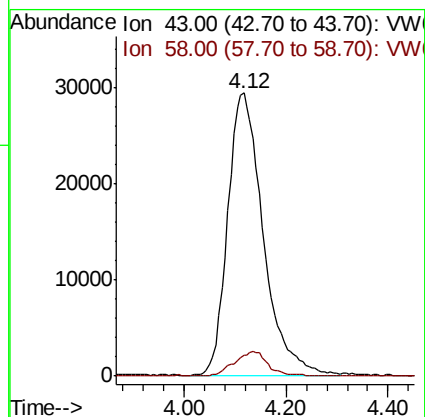
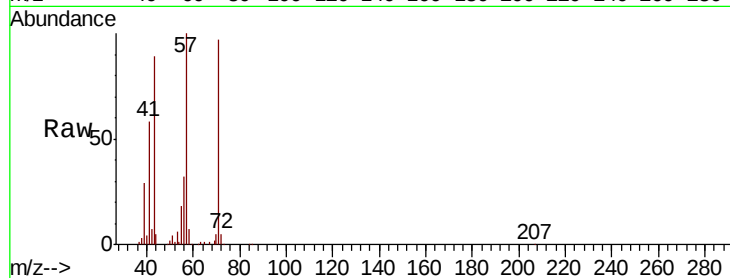
SB-1-6-8FT

Tgt Ion: 43 Resp: 141685

Ion Ratio Lower Upper

43 100

58 7.5 24.0 36.0#



#17

Carbon Disulfide

Concen: 3.671 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW006108.D

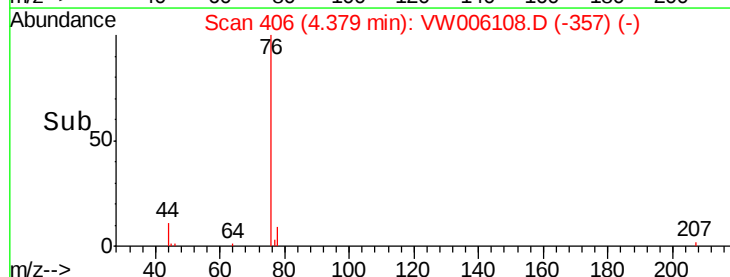
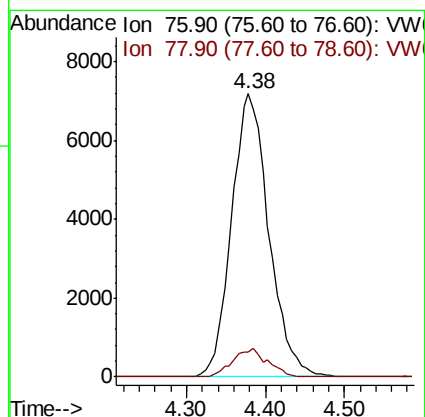
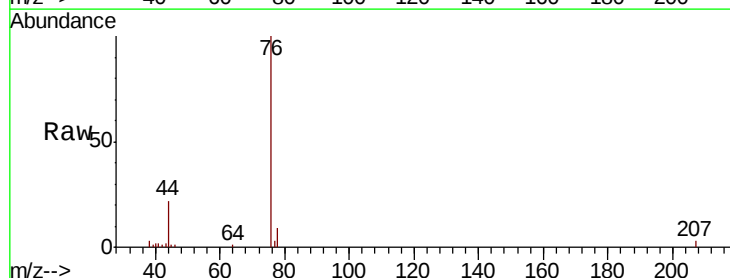
Acq: 17 Oct 2018 06:05

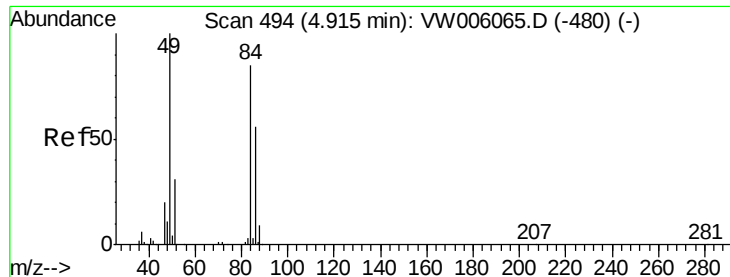
Tgt Ion: 76 Resp: 23581

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

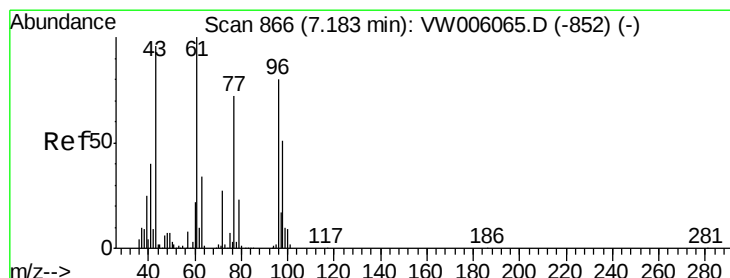
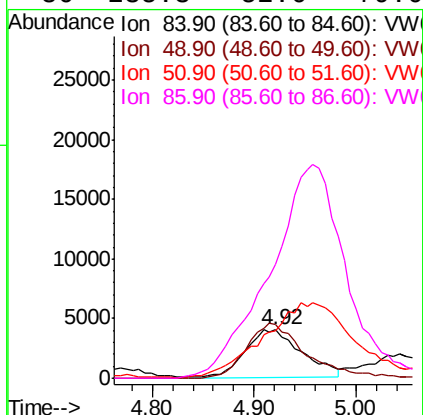
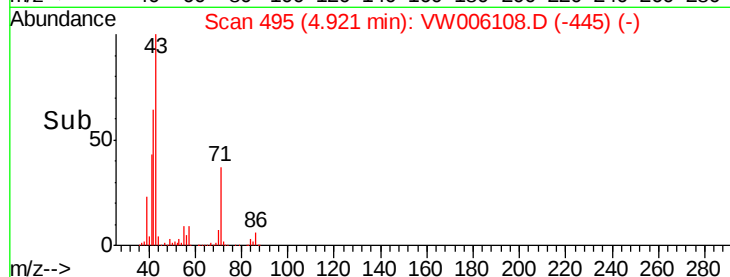
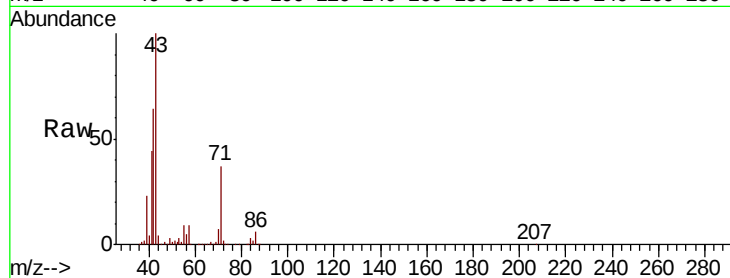




#20
Methylene Chloride
Concen: 5.589 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

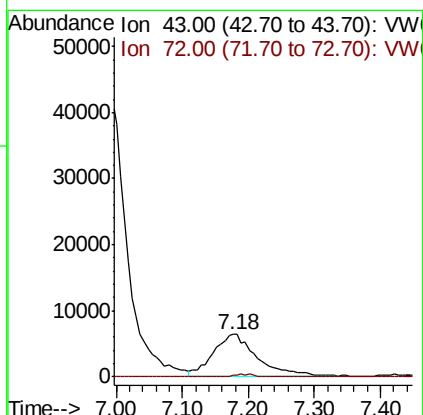
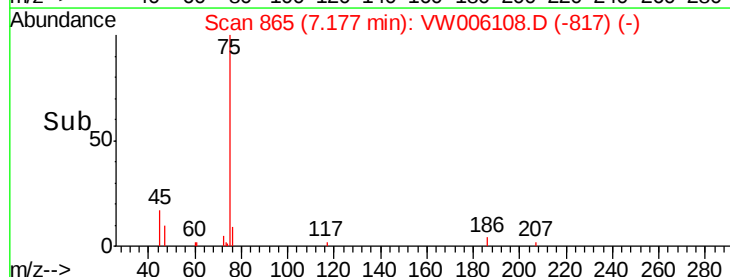
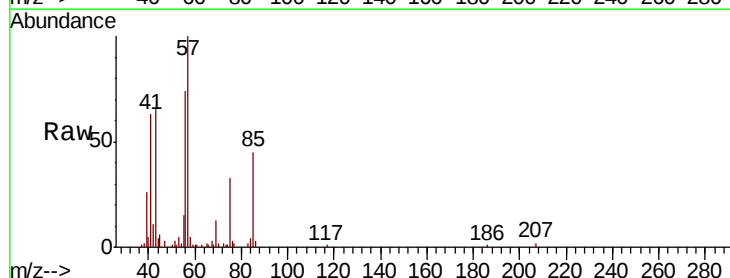
Instrument :
MSVOA_W
ClientSampled :
SB-1-6-8FT

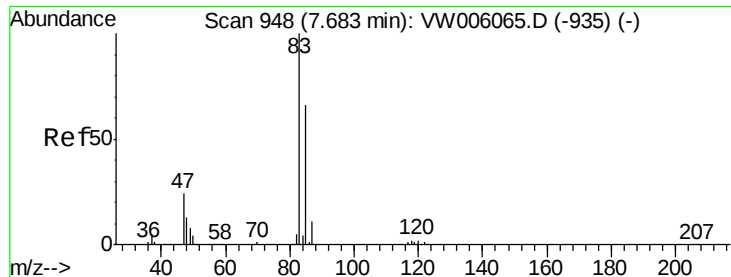
Tgt Ion: 84 Resp: 15718
Ion Ratio Lower Upper
84 100
49 113.0 93.6 140.4
51 97.1 29.0 43.4#
86 235.3 52.6 79.0#



#25
2-Butanone
Concen: 49.520 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Tgt Ion: 43 Resp: 28249
Ion Ratio Lower Upper
43 100
72 3.6 22.8 34.2#

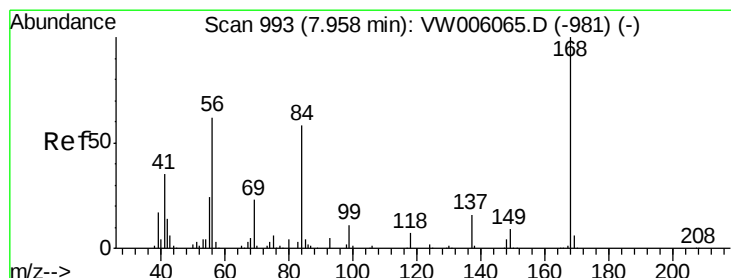
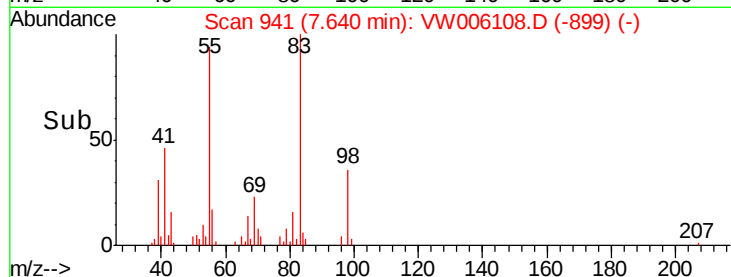
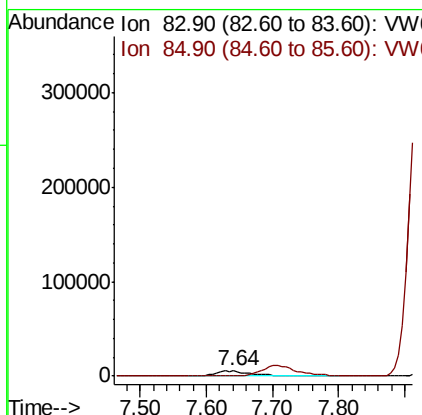
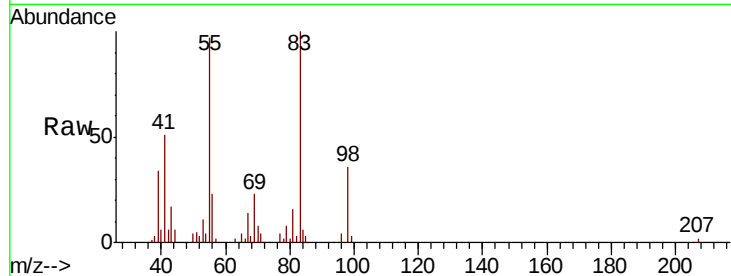




#30
Chloroform
Concen: 5.140 ug/l
RT: 7.64 min Scan# 941
Delta R.T. -0.04 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

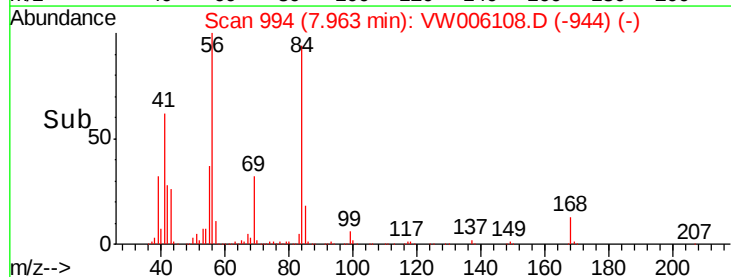
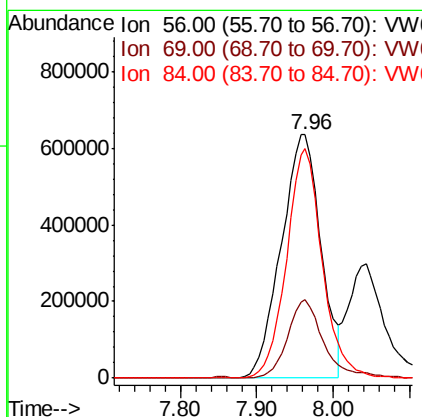
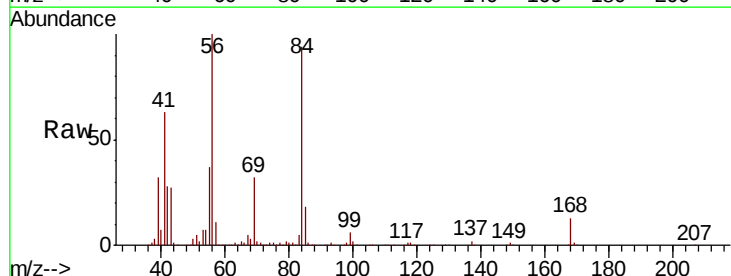
Instrument :
MSVOA_W
ClientSampleId :
SB-1-6-8FT

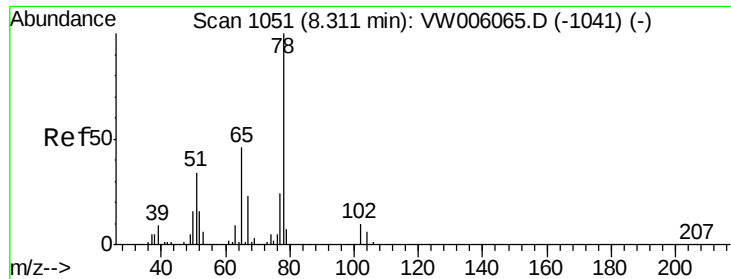
Tgt Ion: 83 Resp: 21727
Ion Ratio Lower Upper
83 100
85 2.6 52.6 79.0#



#31
Cyclohexane
Concen: 591.624 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Tgt Ion: 56 Resp: 2286041
Ion Ratio Lower Upper
56 100
69 32.1 29.4 44.0
84 94.0 74.0 111.0

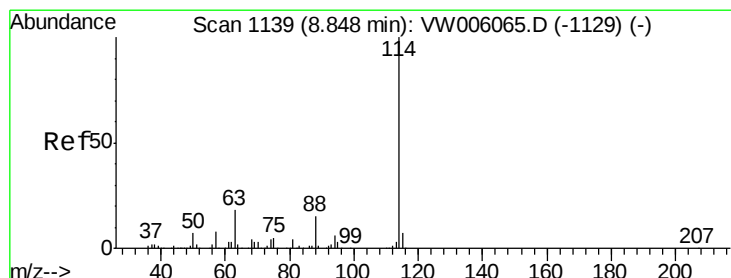
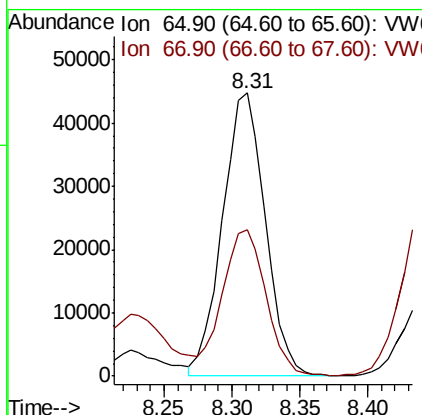
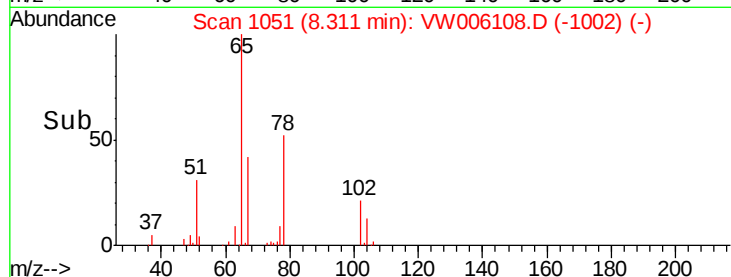
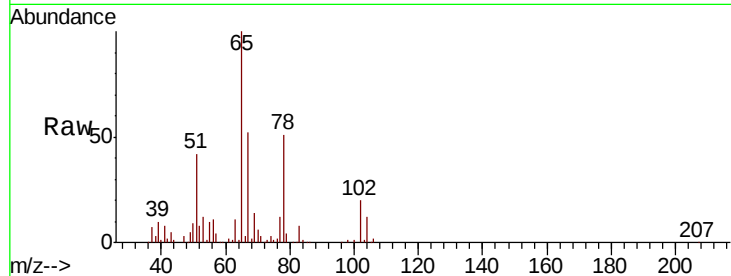




#33
 1,2-Dichloroethane-d4
 Concen: 46.046 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

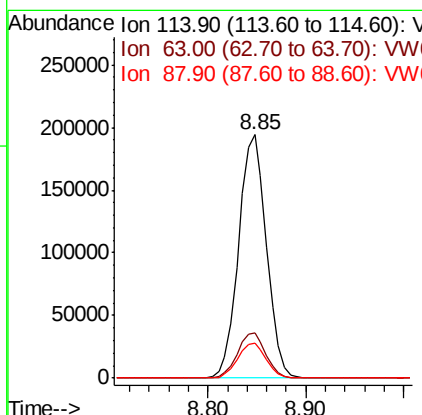
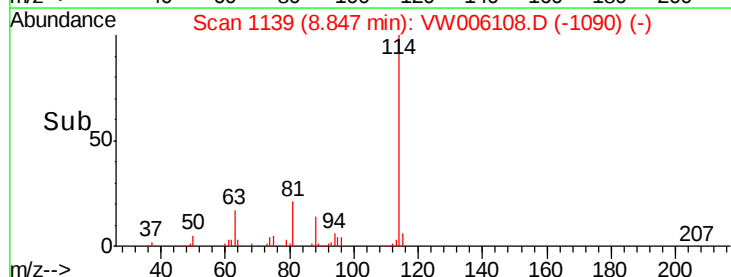
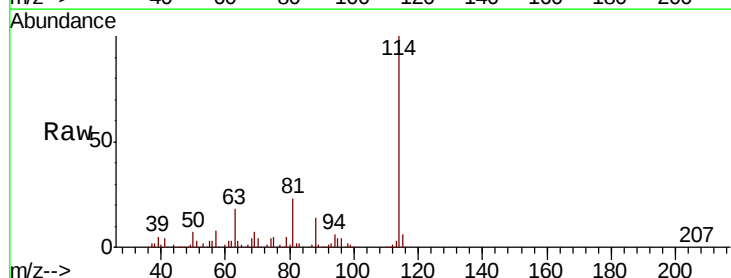
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-6-8FT

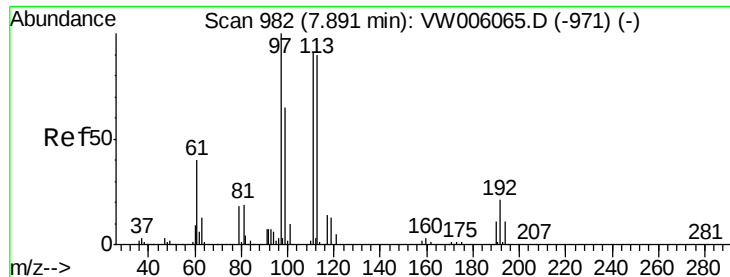
Tgt Ion: 65 Resp: 97232
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Tgt Ion: 114 Resp: 381505
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 42.969 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampled :

SB-1-6-8FT

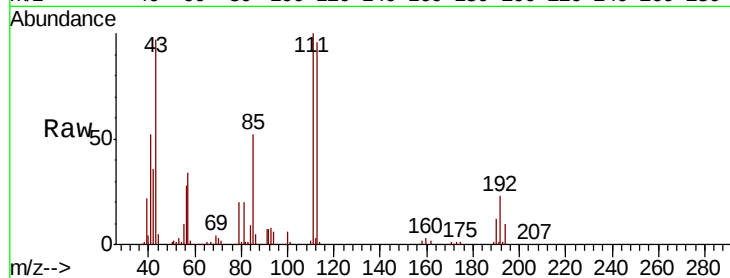
Tgt Ion:113 Resp: 96865

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

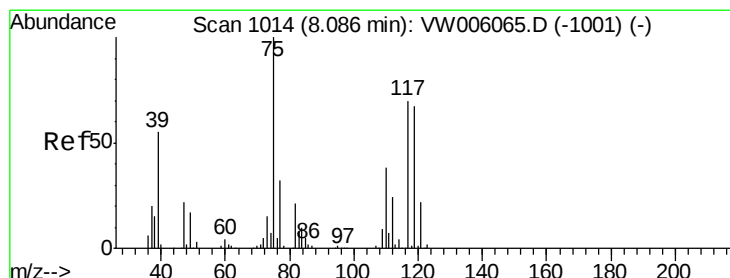
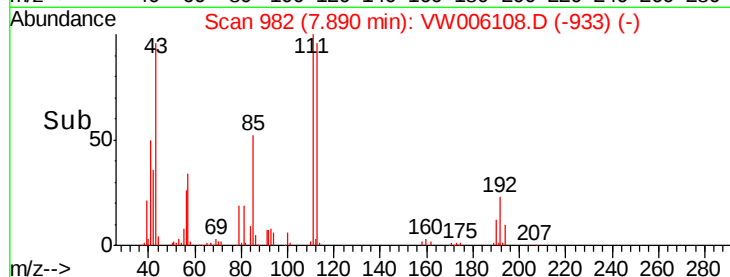
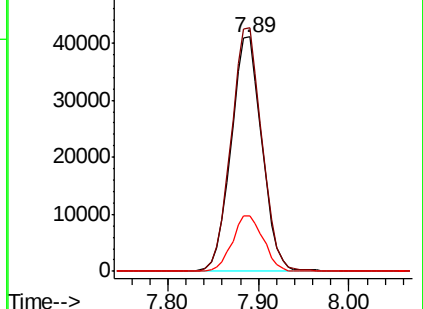
192 23.8 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.377 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

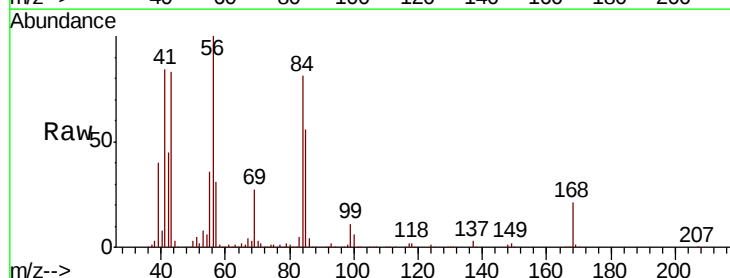
Tgt Ion: 75 Resp: 18909

Ion Ratio Lower Upper

75 100

110 7.9 19.1 57.1#

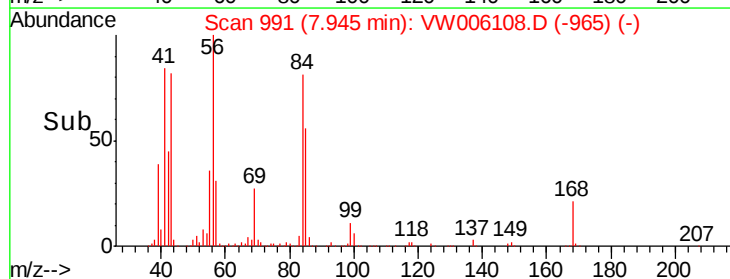
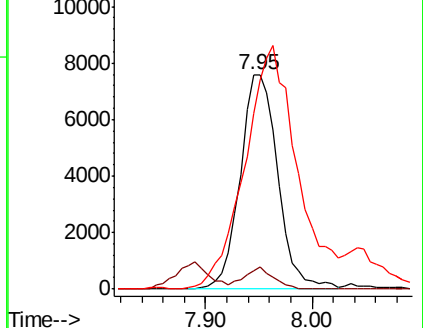
77 156.3 25.0 37.4#

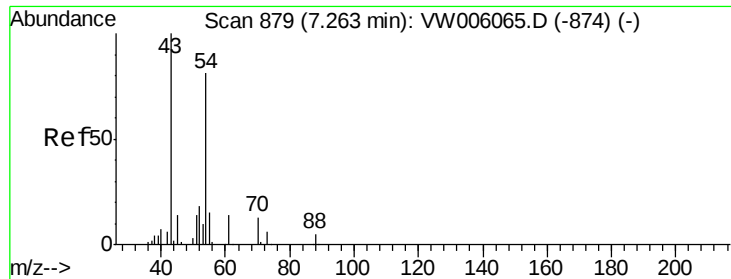


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

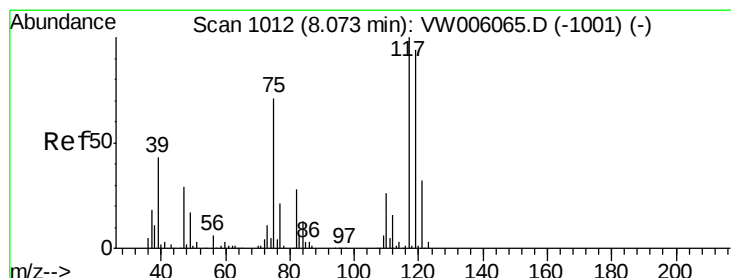
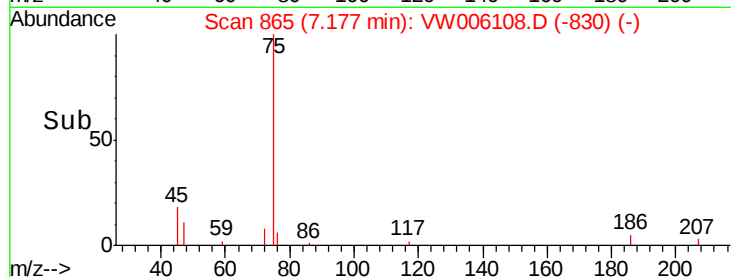
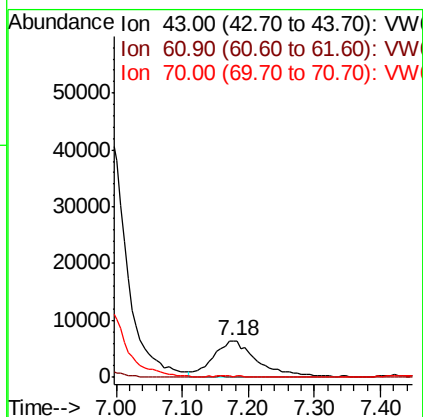
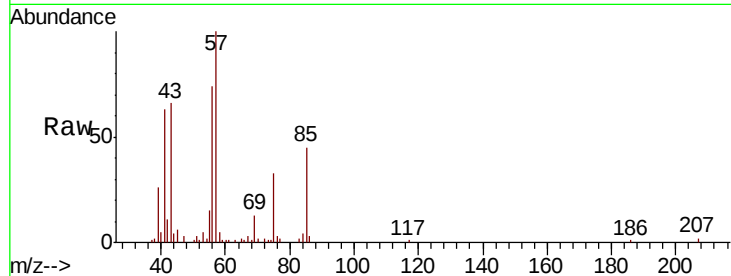




#37
 Ethyl Acetate
 Concen: 21.622 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.09 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

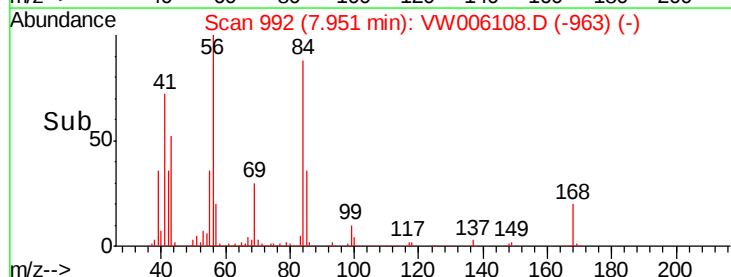
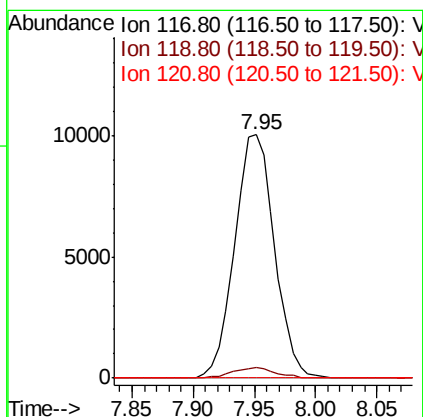
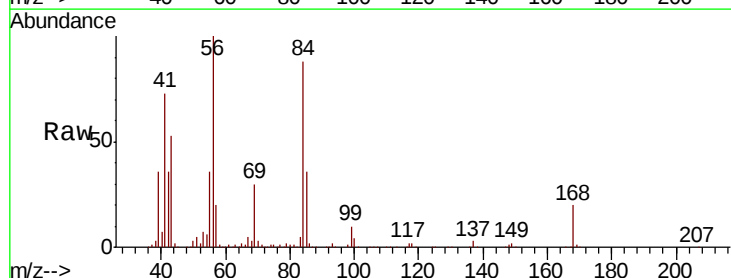
Instrument :
 MSVOA_W
 ClientSampled :
 SB-1-6-8FT

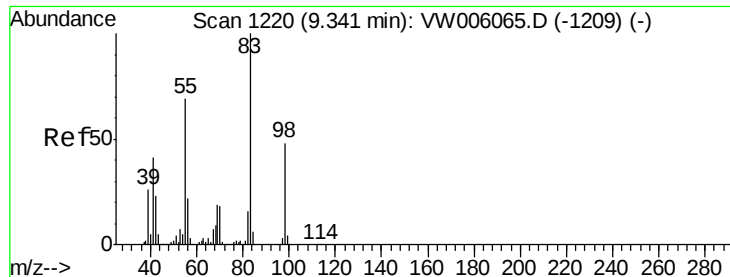
Tgt Ion: 43 Resp: 28249
 Ion Ratio Lower Upper
 43 100
 61 1.7 11.5 17.3#
 70 0.0 9.2 13.8#



#38
 Carbon Tetrachloride
 Concen: 5.877 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Tgt Ion: 117 Resp: 22656
 Ion Ratio Lower Upper
 117 100
 119 4.3 75.2 112.8#
 121 0.0 25.3 37.9#

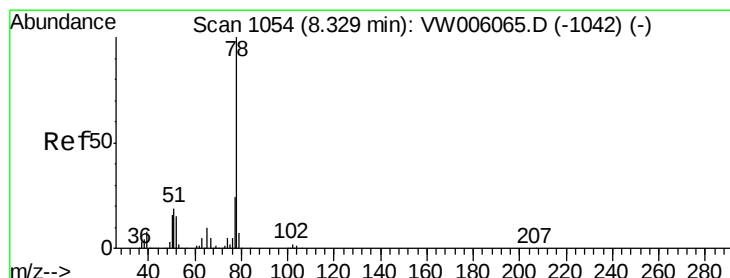
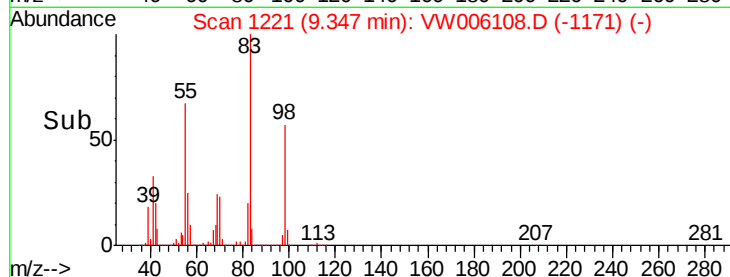
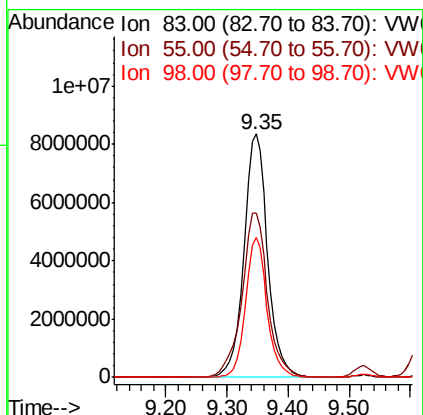
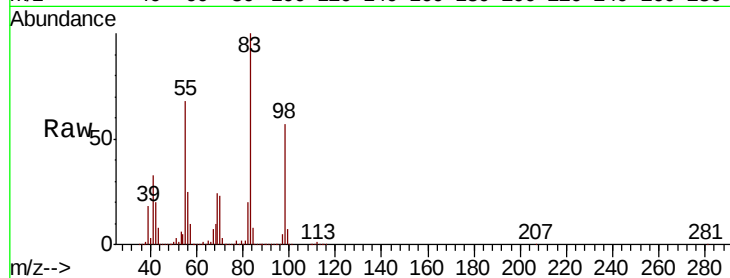




#39
Methylcyclohexane
Concen: 4782.169 ug/l
RT: 9.35 min Scan# 1221
Delta R.T. 0.01 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

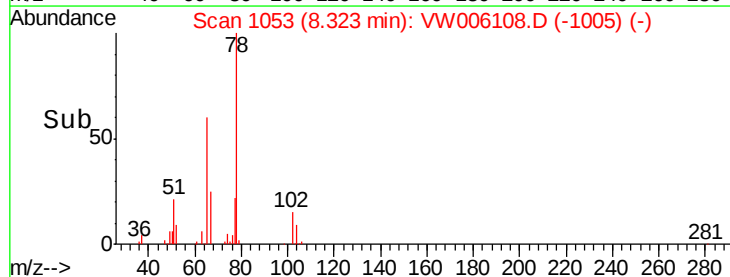
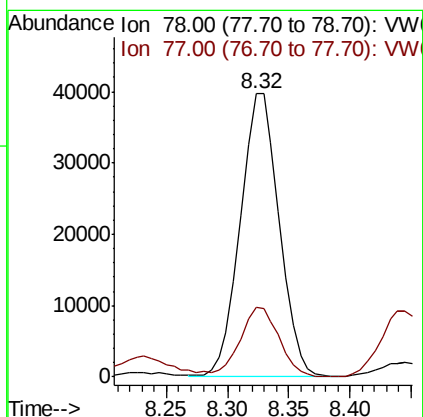
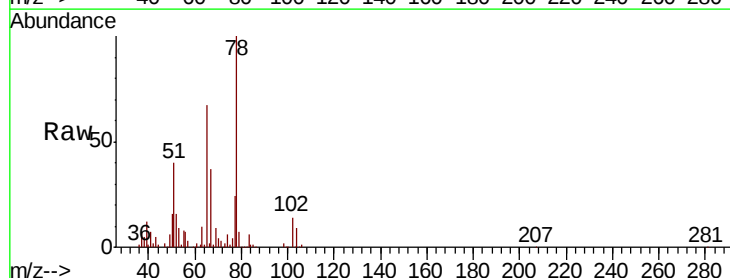
Instrument :
MSVOA_W
ClientSampleId :
SB-1-6-8FT

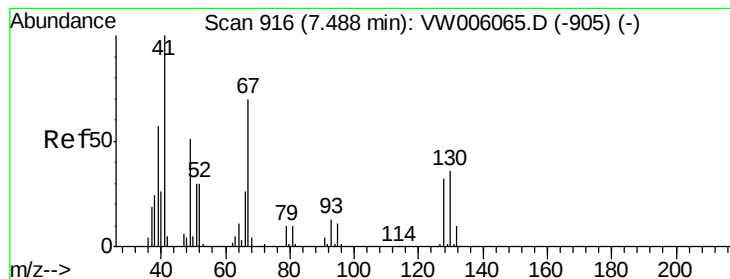
Tgt Ion: 83 Resp:22353149
Ion Ratio Lower Upper
83 100
55 67.5 55.0 82.6
98 57.5 38.6 57.8



#40
Benzene
Concen: 9.042 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Tgt Ion: 78 Resp: 87215
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41

Methacrylonitrile

Concen: 5.367 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.04 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

SB-1-6-8FT

Tgt Ion: 41 Resp: 4227

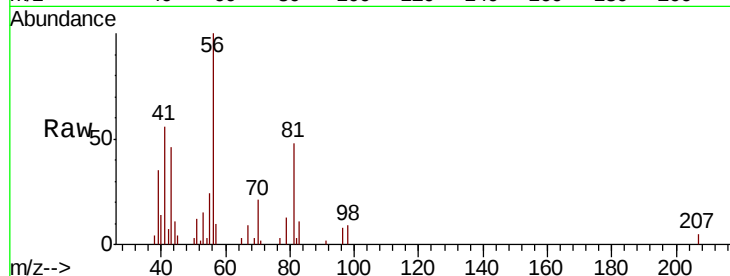
Ion Ratio Lower Upper

41 100

39 69.9 46.2 69.4#

67 18.7 57.7 86.5#

52 0.0 24.7 37.1#



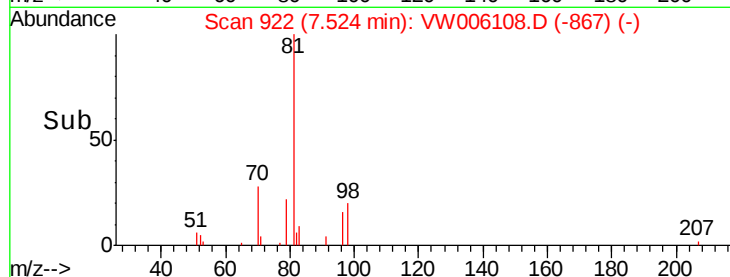
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

Time-->



Abundance

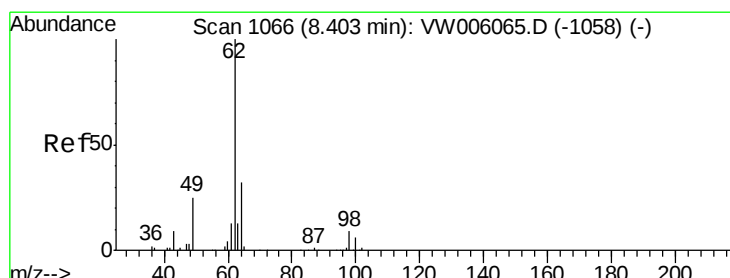
Ion 41.00 (40.70 to 41.70): VW

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

Time-->



#42

1,2-Dichloroethane

Concen: 2.113 ug/l

RT: 8.44 min Scan# 1073

Delta R.T. 0.04 min

Lab File: VW006108.D

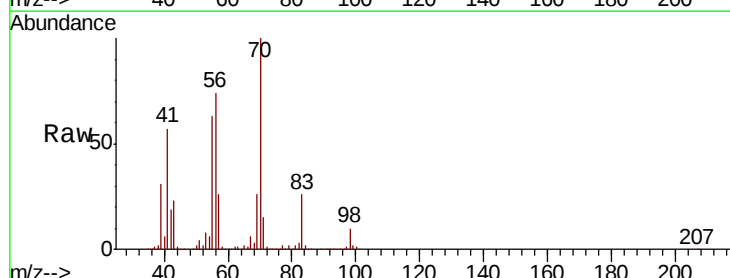
Acq: 17 Oct 2018 06:05

Tgt Ion: 62 Resp: 5987

Ion Ratio Lower Upper

62 100

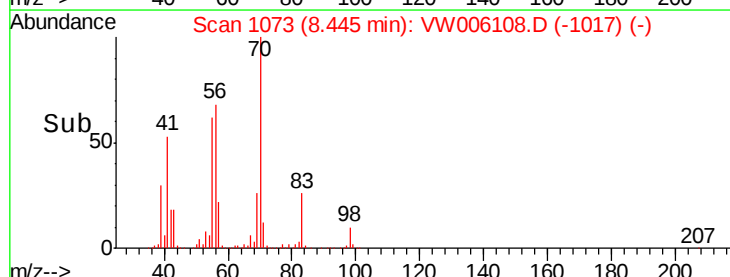
98 2020.3 0.0 18.4#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

Time-->

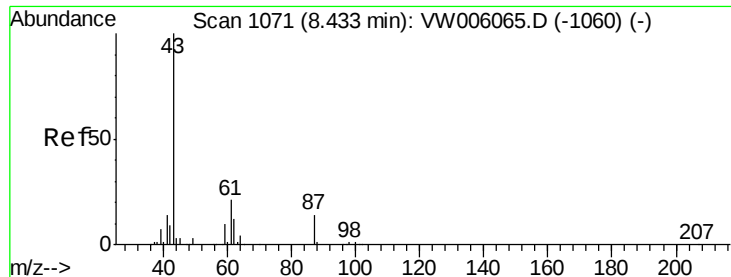


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

Time-->



#43

Isopropyl Acetate

Concen: 114.703 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

SB-1-6-8FT

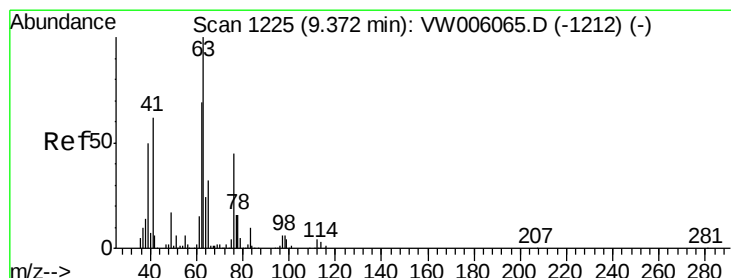
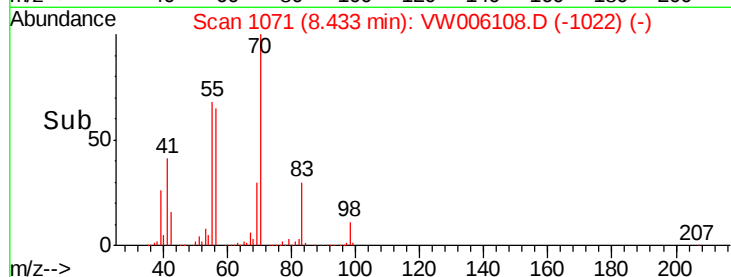
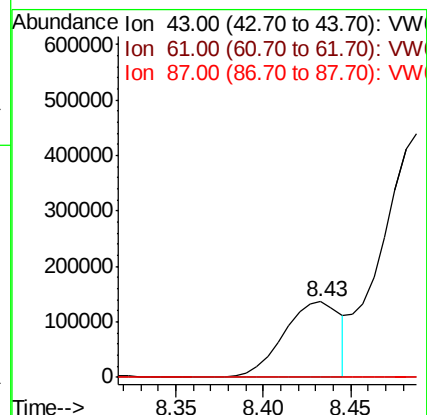
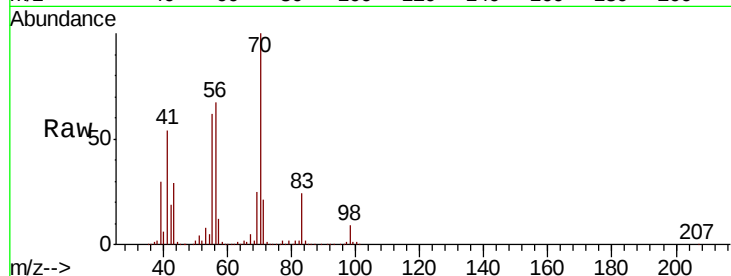
Tgt Ion: 43 Resp: 306404

Ion Ratio Lower Upper

43 100

61 0.7 25.5 38.3#

87 0.0 11.7 17.5#



#45

1,2-Dichloropropane

Concen: 96.949 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.03 min

Lab File: VW006108.D

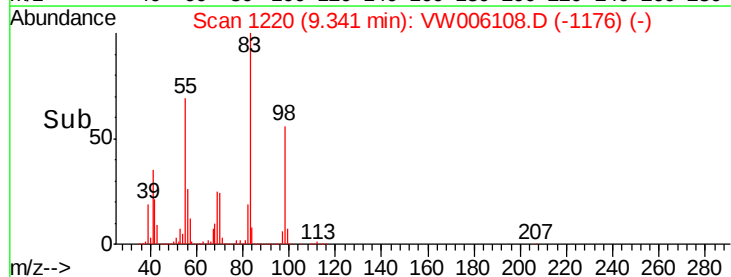
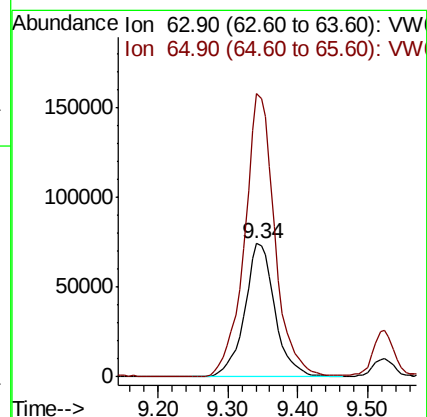
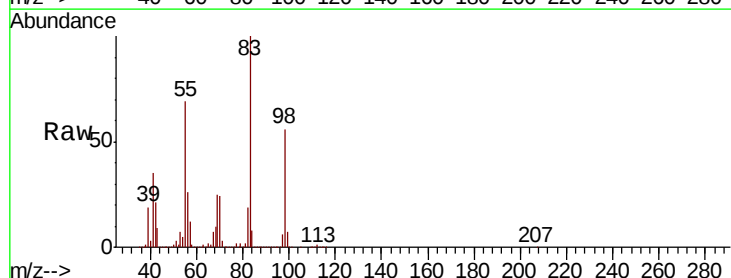
Acq: 17 Oct 2018 06:05

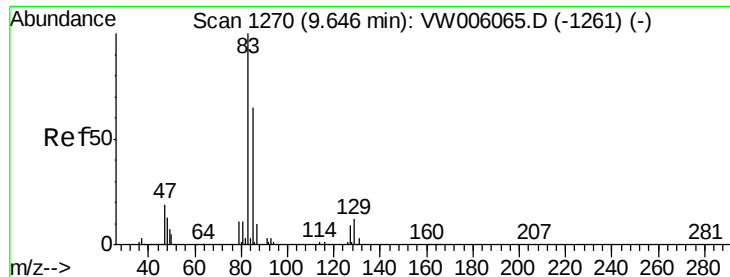
Tgt Ion: 63 Resp: 223775

Ion Ratio Lower Upper

63 100

65 212.6 25.4 38.0#





#47

Bromodichloromethane

Concen: 78.856 ug/l

RT: 9.62 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

SB-1-6-8FT

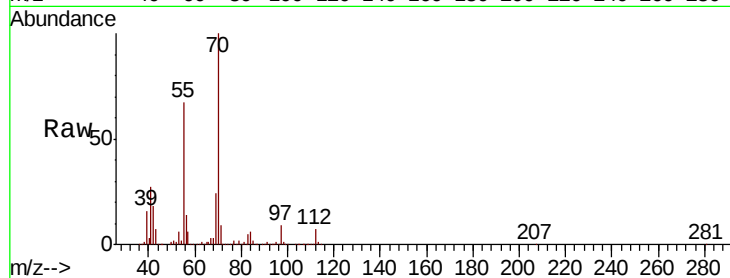
Tgt Ion: 83 Resp: 251510

Ion Ratio Lower Upper

83 100

85 41.8 51.8 77.8#

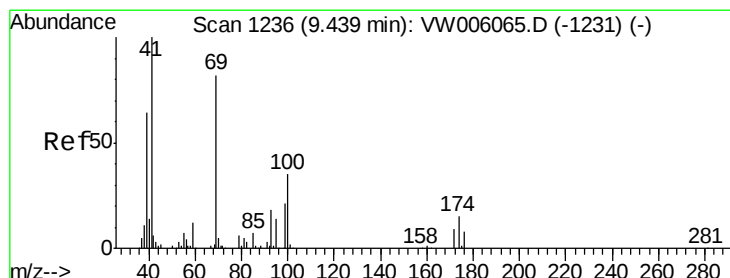
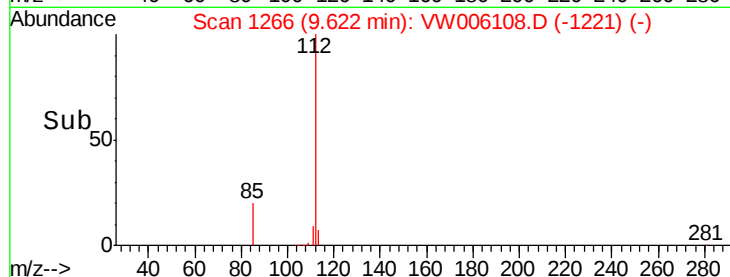
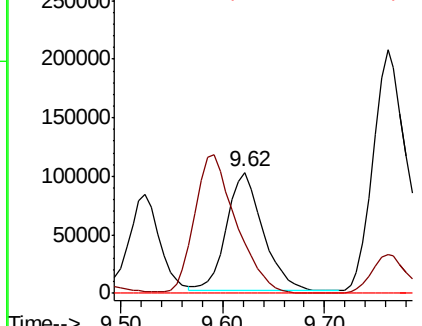
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 920.505 ug/l

RT: 9.52 min Scan# 1250

Delta R.T. 0.09 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

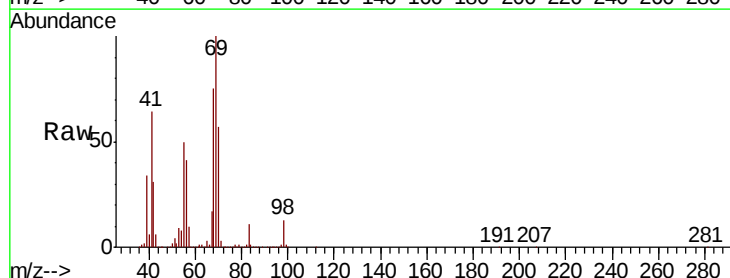
Tgt Ion: 41 Resp: 1165567

Ion Ratio Lower Upper

41 100

69 139.4 71.8 107.8#

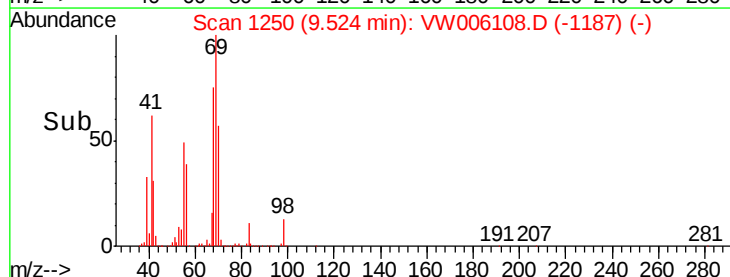
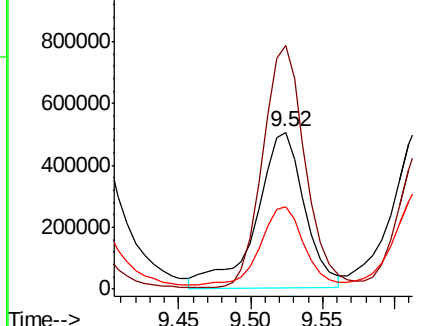
39 50.2 52.5 78.7#

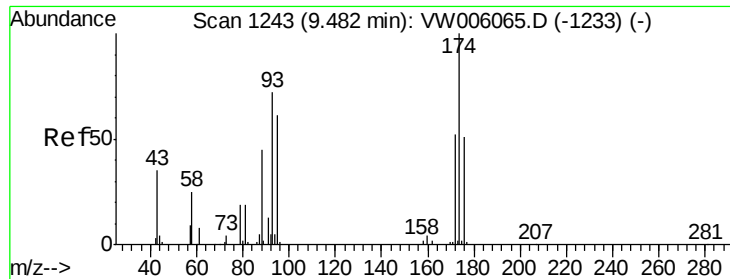


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 25.775 ug/l

RT: 9.35 min Scan# 1221

Delta R.T. -0.13 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

SB-1-6-8FT

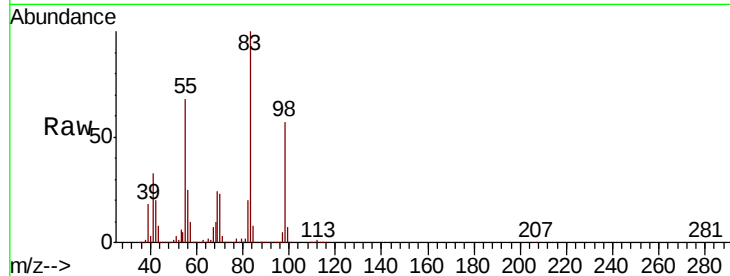
Tgt Ion: 88 Resp: 522

Ion Ratio Lower Upper

88 100

43 377467.4 0.0 0.0#

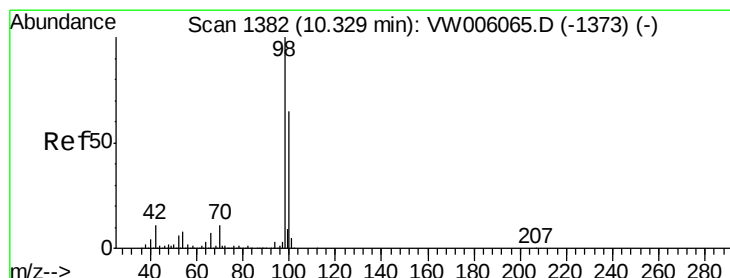
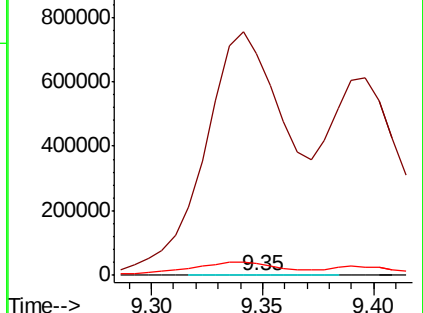
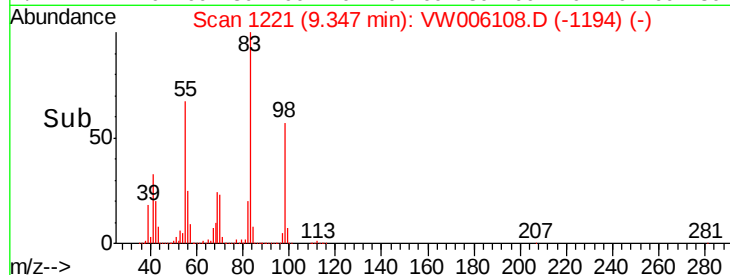
58 23596.9 51.2 76.8#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 541.930 ug/l

RT: 10.33 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VW006108.D

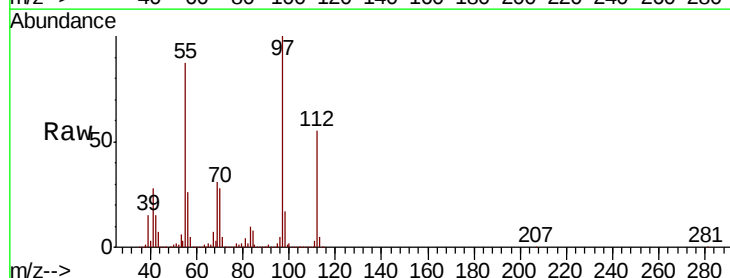
Acq: 17 Oct 2018 06:05

Tgt Ion: 98 Resp: 4647852

Ion Ratio Lower Upper

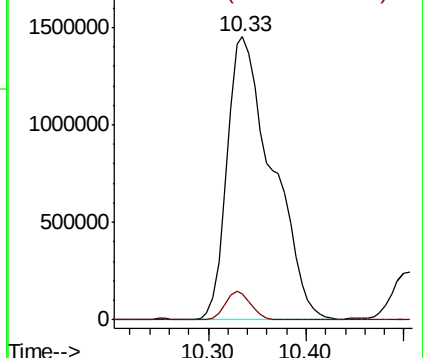
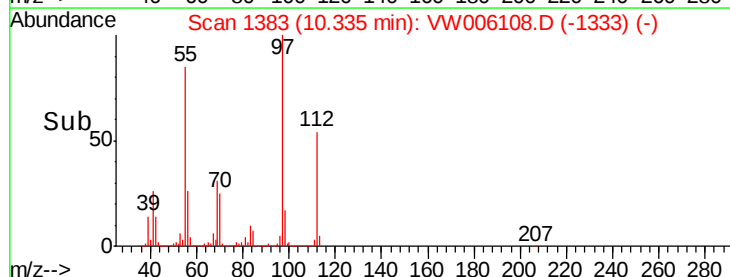
98 100

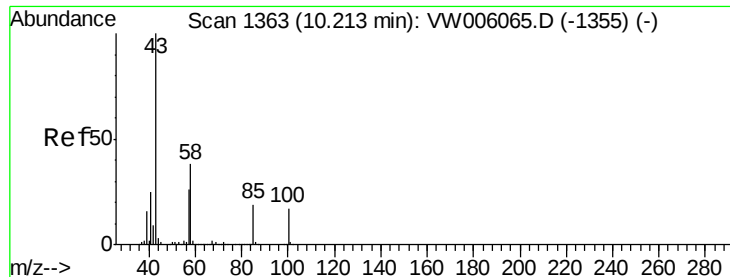
100 5.6 51.6 77.4#



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

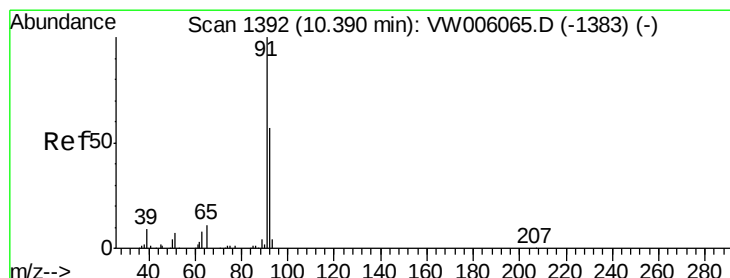
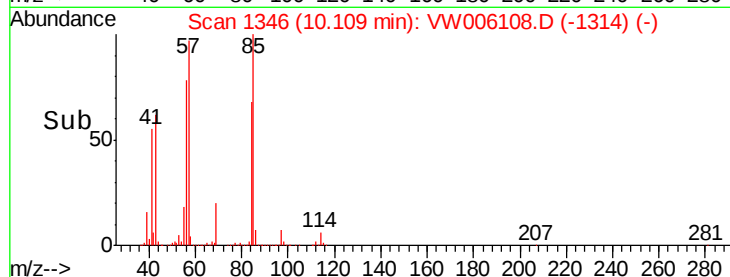
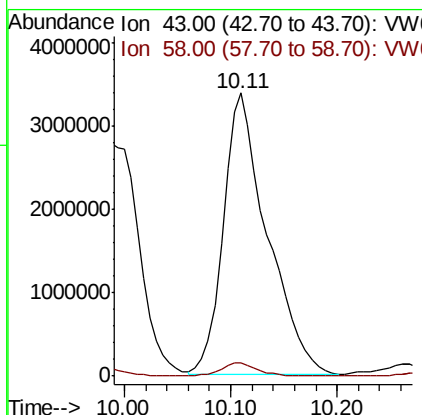
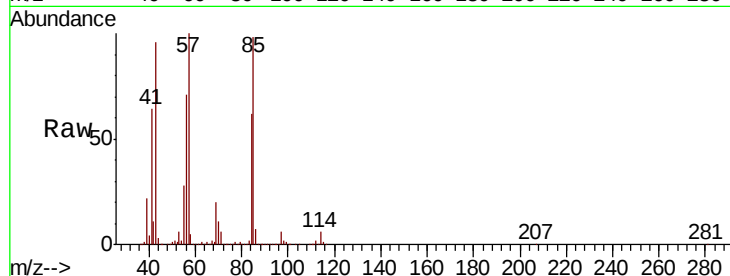




#51
 4-Methyl-2-Pentanone
 Concen: 7231.479 ug/l
 RT: 10.11 min Scan# 1346
 Delta R.T. -0.10 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

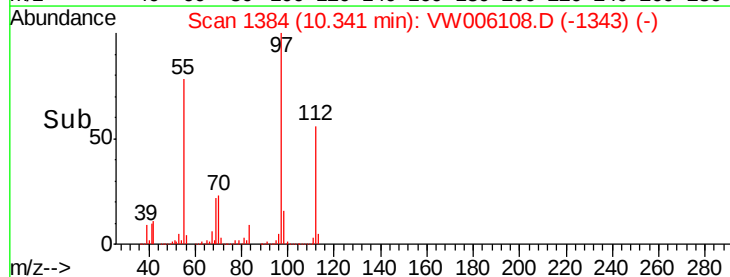
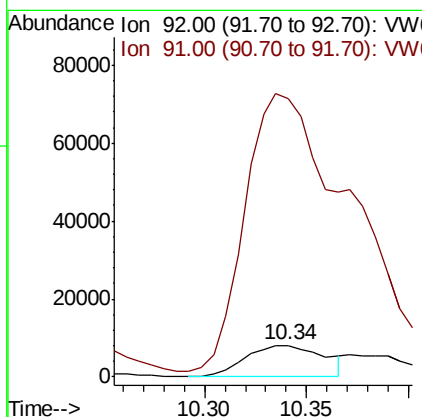
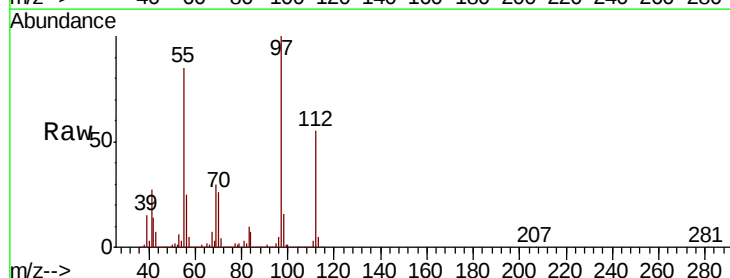
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-6-8FT

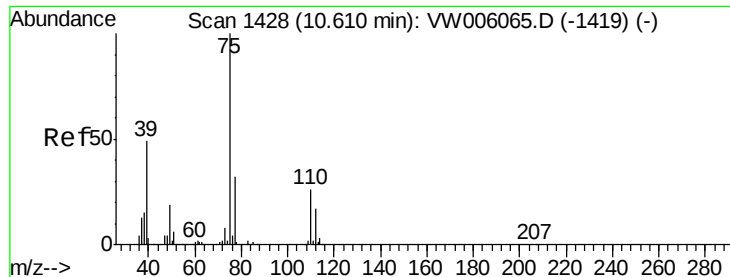
Tgt Ion: 43 Resp: 9678722
 Ion Ratio Lower Upper
 43 100
 58 4.0 31.5 47.3#



#52
 Toluene
 Concen: 3.264 ug/l
 RT: 10.34 min Scan# 1384
 Delta R.T. -0.05 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Tgt Ion: 92 Resp: 21106
 Ion Ratio Lower Upper
 92 100
 91 1257.0 140.0 210.0#





#53

t-1,3-Dichloropropene

Concen: 4.492 ug/l

RT: 10.68 min Scan# 1440

Delta R.T. 0.07 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampled :

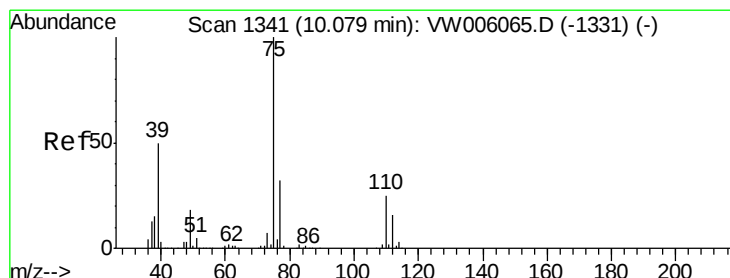
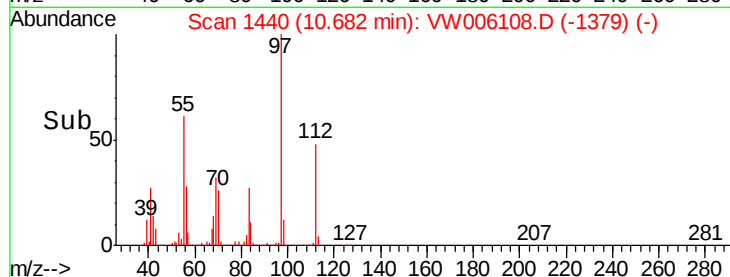
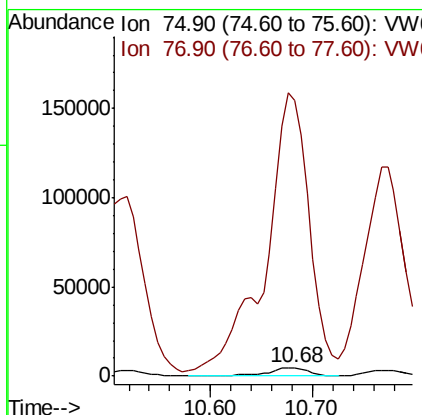
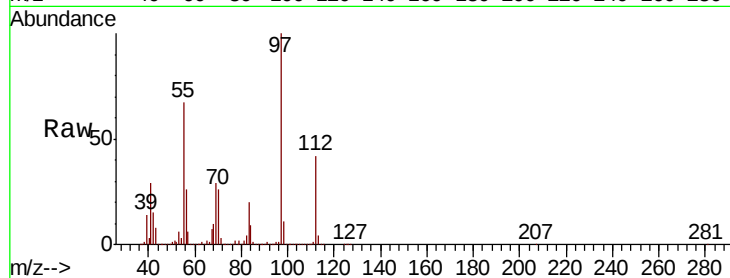
SB-1-6-8FT

Tgt Ion: 75 Resp: 14276

Ion Ratio Lower Upper

75 100

77 3081.4 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 1.043 ug/l

RT: 10.10 min Scan# 1345

Delta R.T. 0.02 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

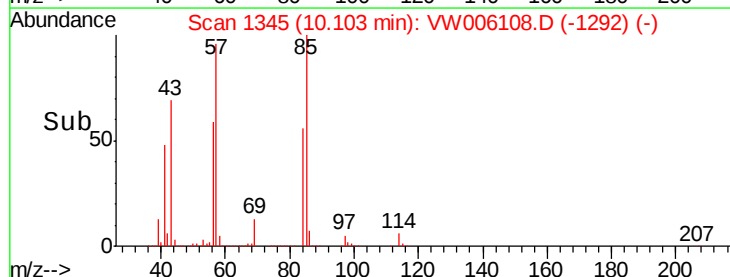
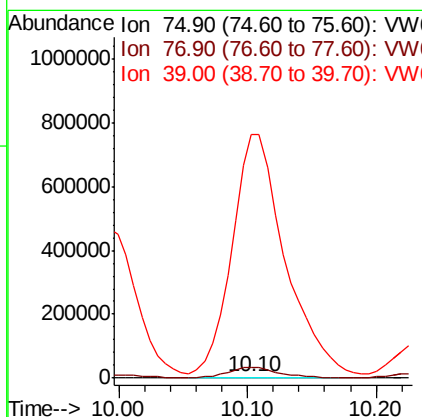
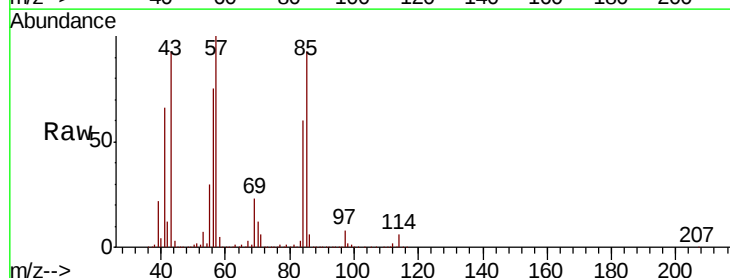
Tgt Ion: 75 Resp: 3804

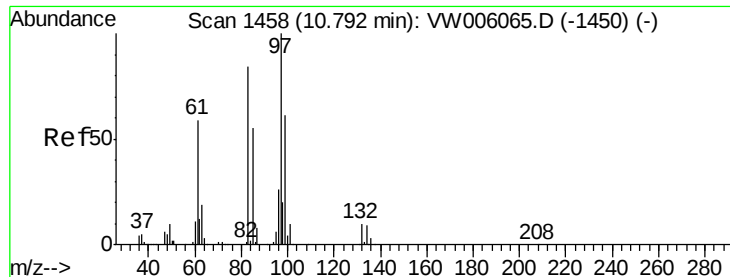
Ion Ratio Lower Upper

75 100

77 2238.2 25.2 37.8#

39 50697.1 39.9 59.9#

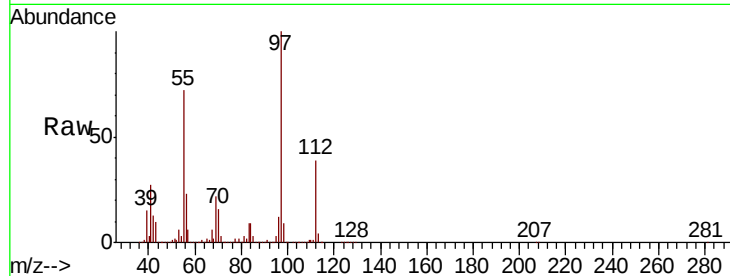




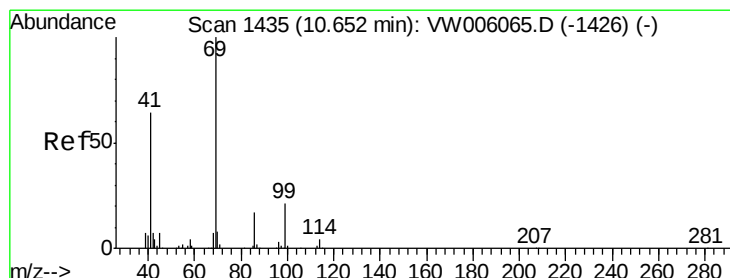
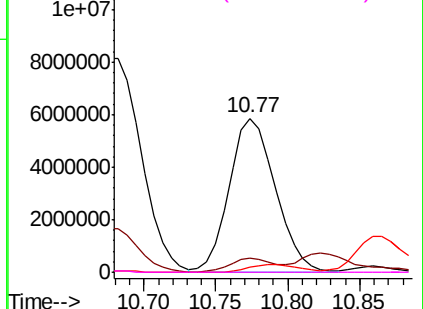
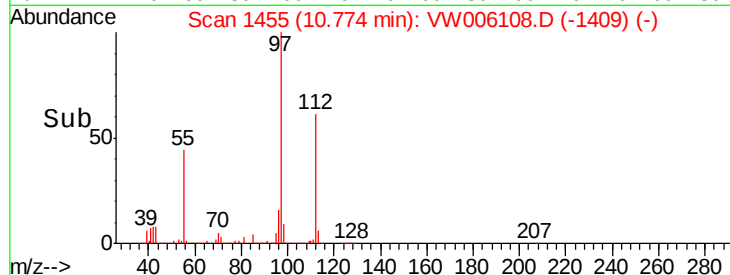
#55
 1,1,2-Trichloroethane
 Concen: 7044.309 ug/l
 RT: 10.77 min Scan# 1455
 Delta R.T. -0.02 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Instrument :
 MSVOA_W
 ClientSampled :
 SB-1-6-8FT

Tgt Ion: 97 Resp:12968323
 Ion Ratio Lower Upper
 97 100
 83 8.8 67.2 100.8#
 85 3.2 43.7 65.5#
 99 0.3 48.5 72.7#

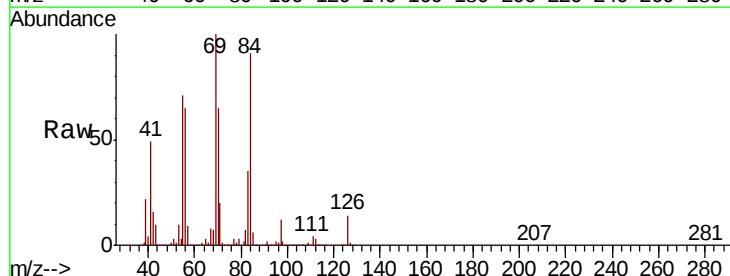


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

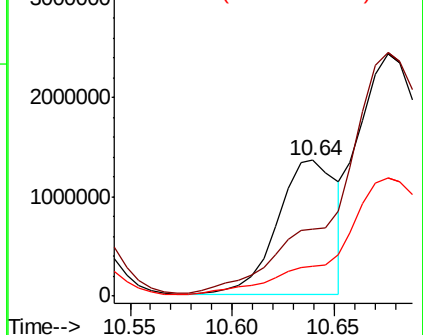
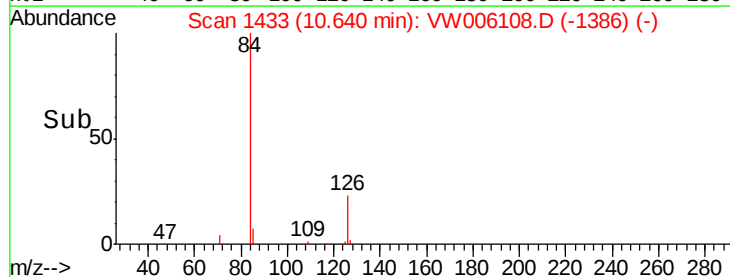


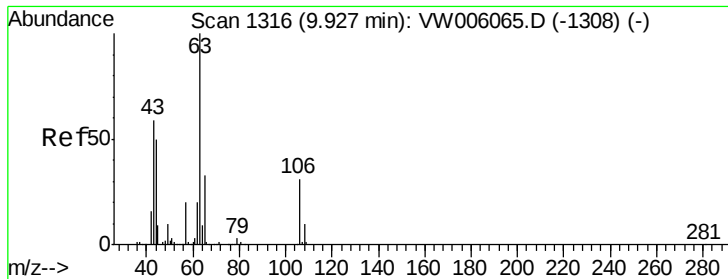
#56
 Ethyl methacrylate
 Concen: 1218.317 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Tgt Ion: 69 Resp: 2749595
 Ion Ratio Lower Upper
 69 100
 41 0.0 52.8 79.2#
 39 0.0 30.6 45.8#



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

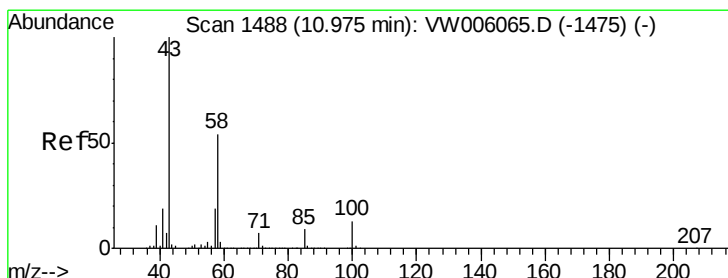
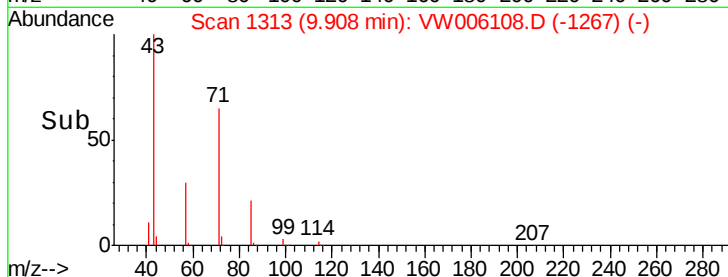
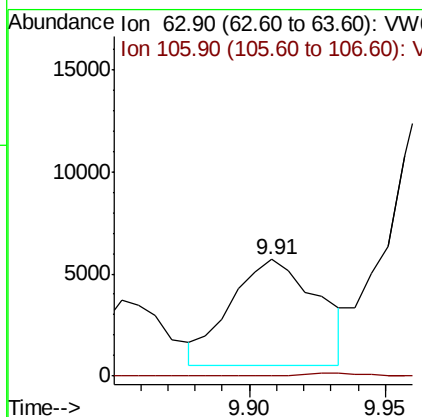
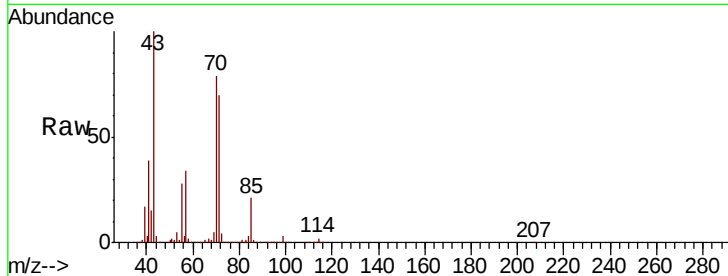




#58
2-Chloroethyl Vinyl ether
Concen: 13.411 ug/l
RT: 9.91 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

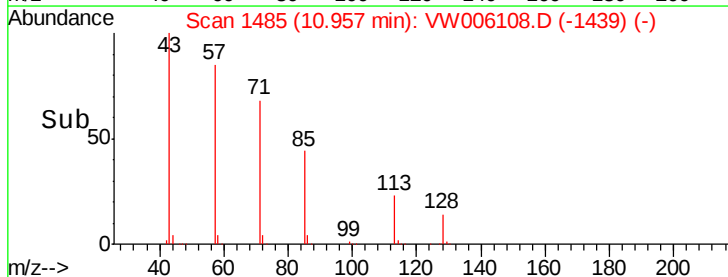
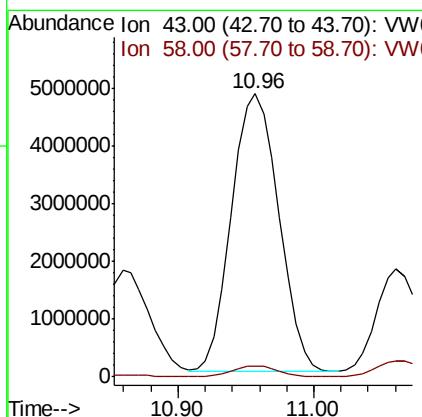
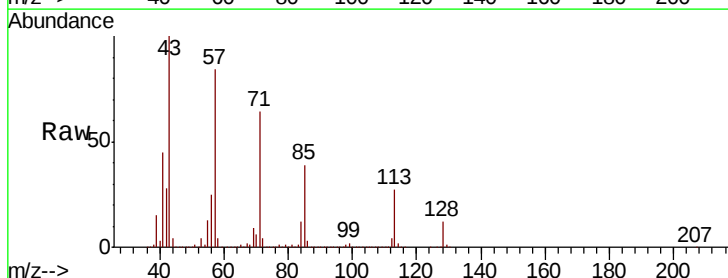
Instrument :
MSVOA_W
ClientSampleId :
SB-1-6-8FT

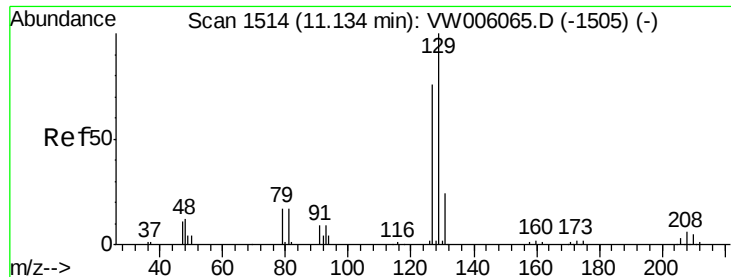
Tgt Ion: 63 Resp: 11565
Ion Ratio Lower Upper
63 100
106 1.8 24.5 36.7#



#59
2-Hexanone
Concen: 12237.533 ug/l
RT: 10.96 min Scan# 1485
Delta R.T. -0.02 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Tgt Ion: 43 Resp: 11691844
Ion Ratio Lower Upper
43 100
58 3.8 26.9 80.6#

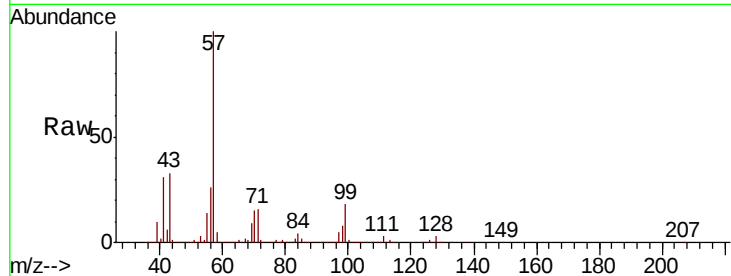




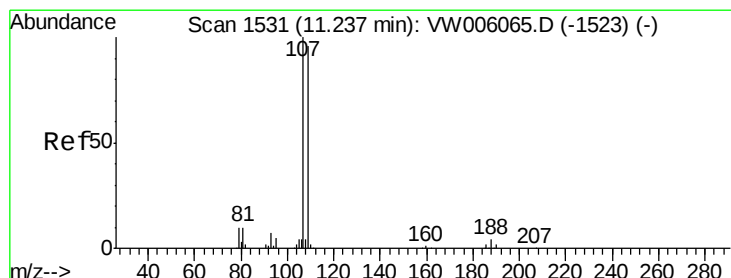
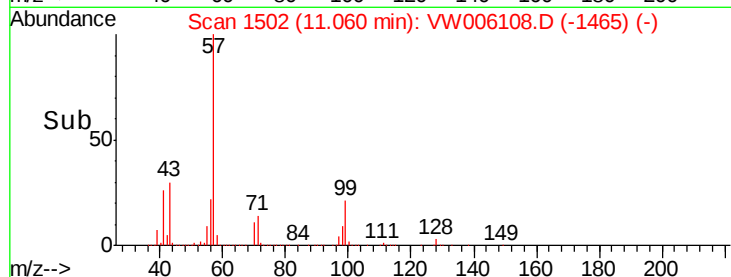
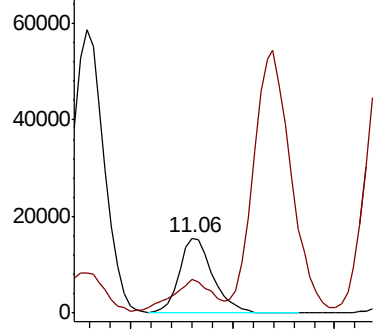
#60
 Dibromochloromethane
 Concen: 15.506 ug/l
 RT: 11.06 min Scan# 1502
 Delta R.T. -0.07 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-6-8FT

Tgt Ion:129 Resp: 35557
 Ion Ratio Lower Upper
 129 100
 127 46.2 38.6 115.7

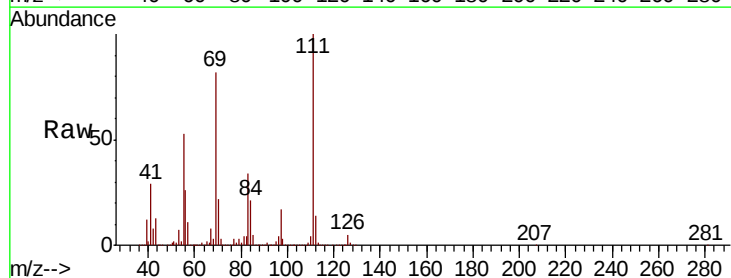


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

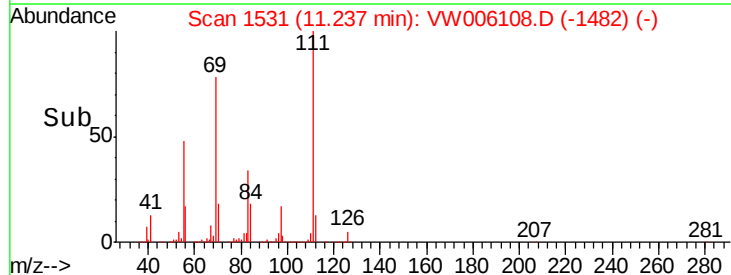
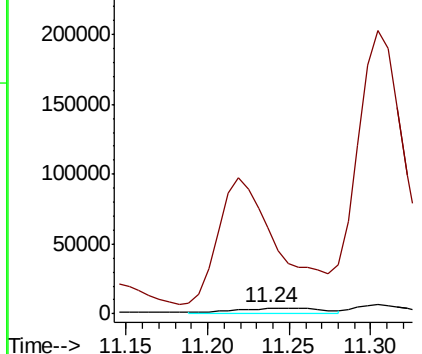


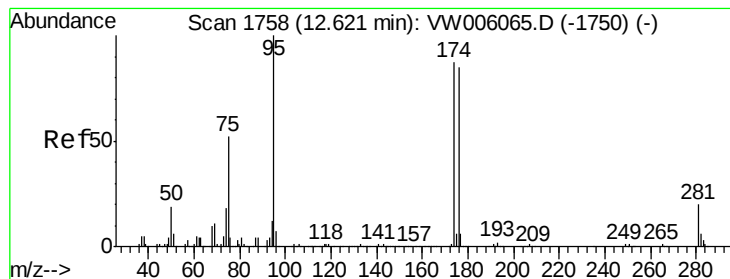
#61
 1,2-Dibromoethane
 Concen: 8.001 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Tgt Ion:107 Resp: 14717
 Ion Ratio Lower Upper
 107 100
 109 1665.3 76.3 114.5#



Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 775.463 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampled :

SB-1-6-8FT

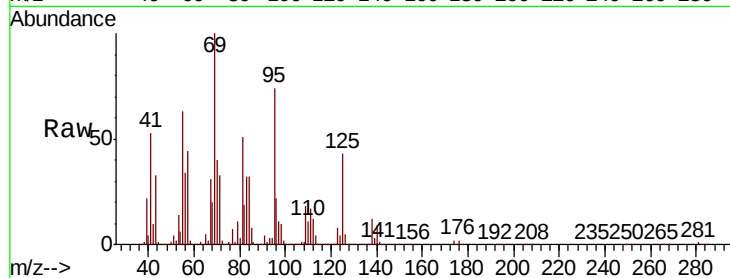
Tgt Ion: 95 Resp: 2497939

Ion Ratio Lower Upper

95 100

174 2.7 0.0 186.0

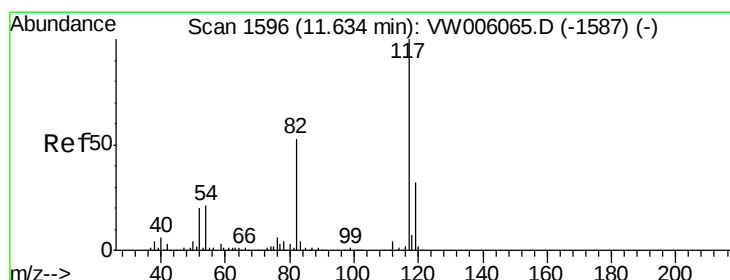
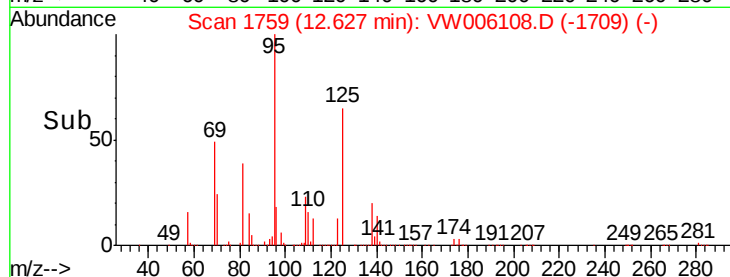
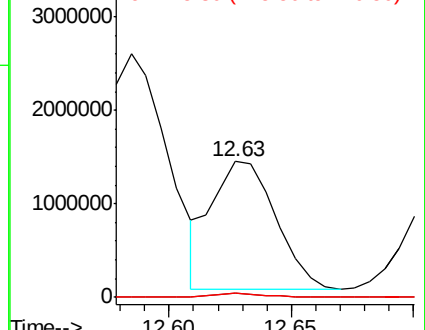
176 2.6 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

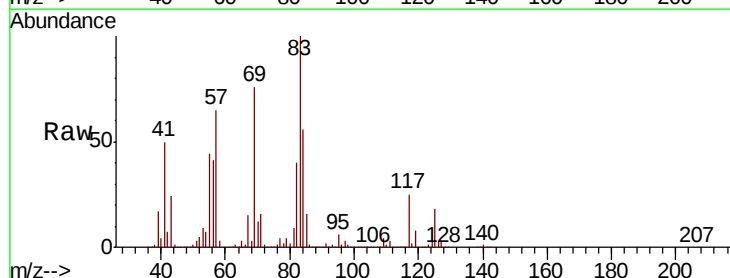
Tgt Ion: 117 Resp: 294914

Ion Ratio Lower Upper

117 100

82 0.0 42.1 63.1#

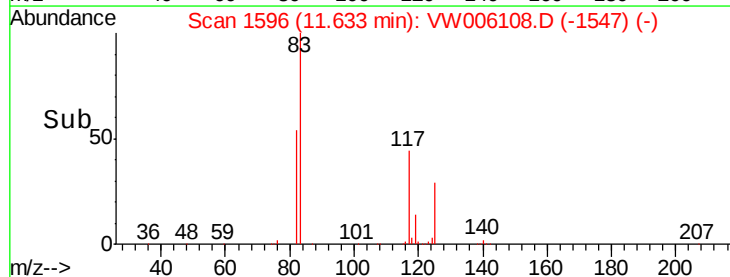
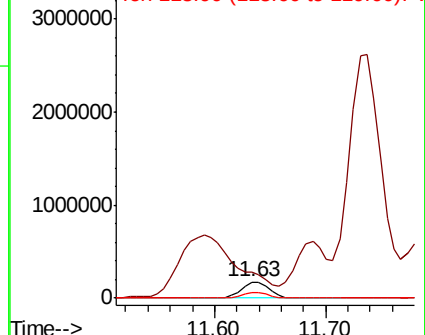
119 32.5 25.8 38.6

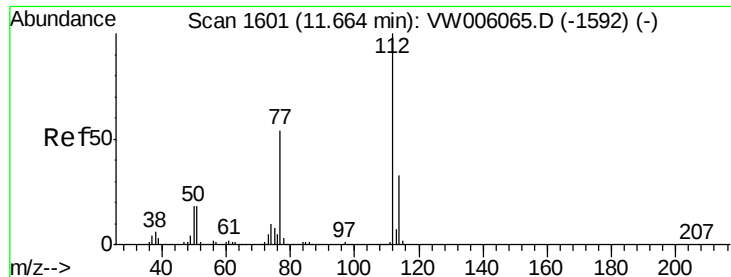


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#65

Chlorobenzene

Concen: 27.253 ug/l

RT: 11.57 min Scan# 1586

Delta R.T. -0.09 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

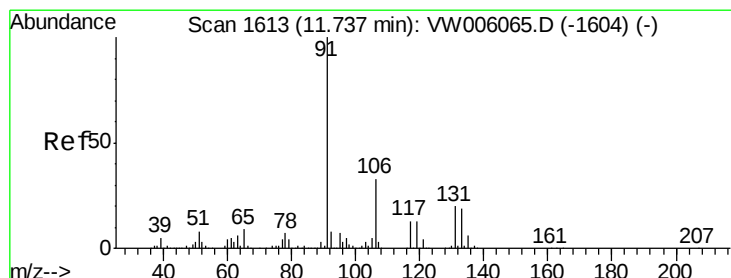
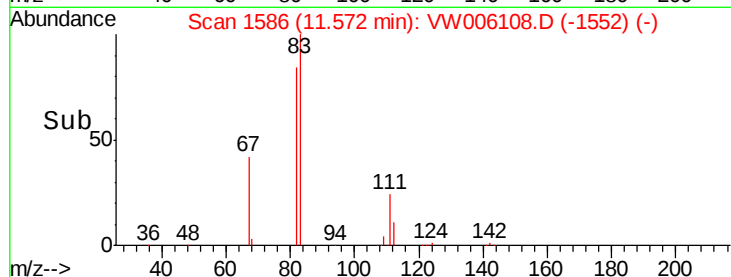
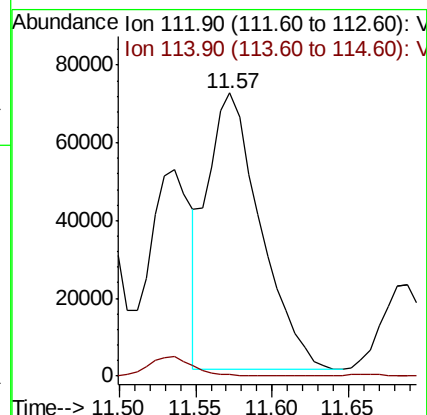
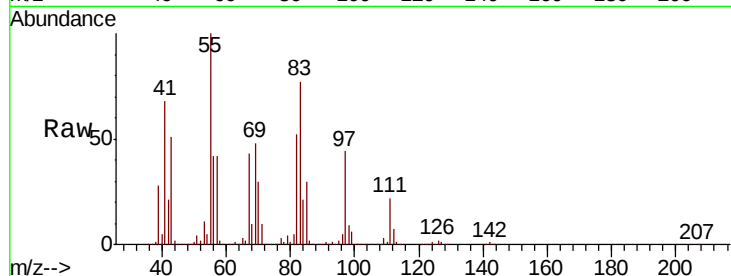
SB-1-6-8FT

Tgt Ion:112 Resp: 172054

Ion Ratio Lower Upper

112 100

114 0.3 26.2 39.2#



#67

Ethyl Benzene

Concen: 1064.947 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW006108.D

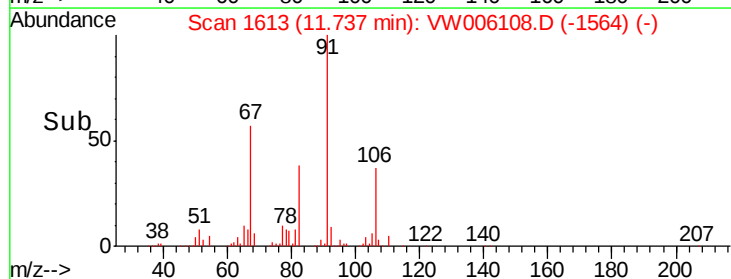
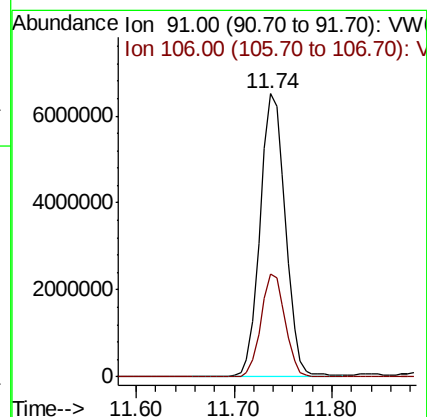
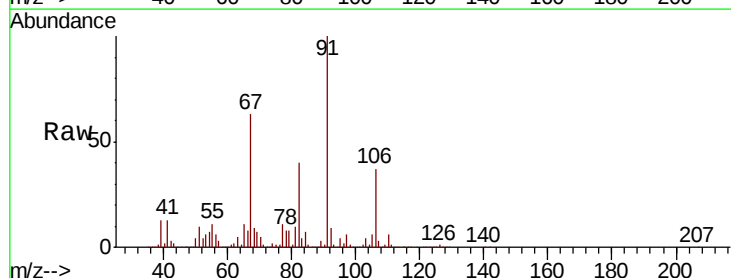
Acq: 17 Oct 2018 06:05

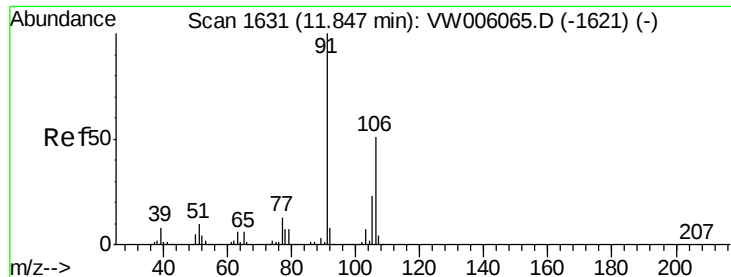
Tgt Ion: 91 Resp:11651637

Ion Ratio Lower Upper

91 100

106 36.6 26.1 39.1





#68

m/p-Xylenes

Concen: 936.924 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.11 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

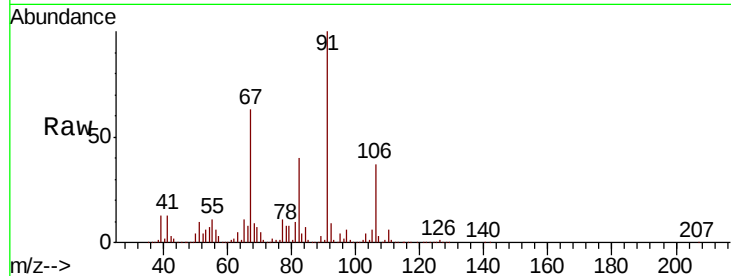
SB-1-6-8FT

Tgt Ion:106 Resp: 4051712

Ion Ratio Lower Upper

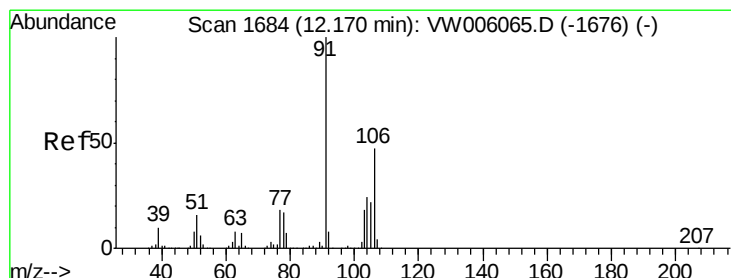
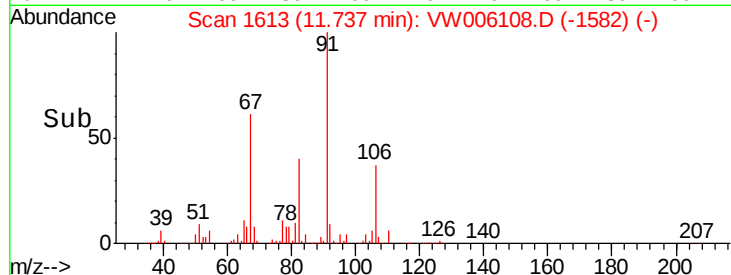
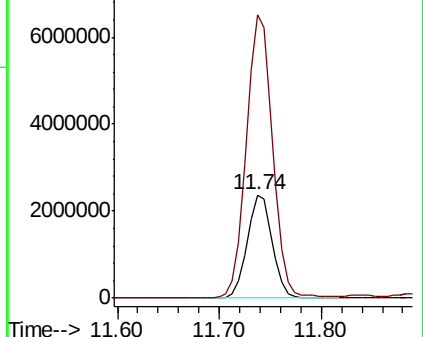
106 100

91 287.6 159.1 238.7#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 7.452 ug/l

RT: 12.18 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VW006108.D

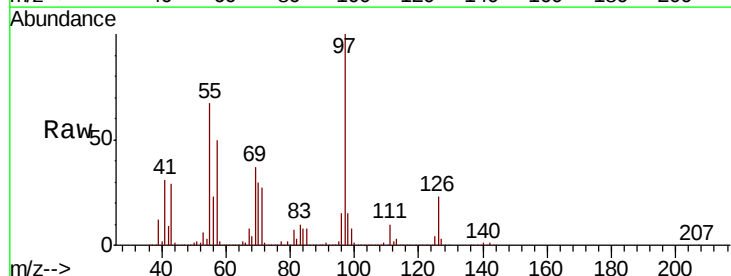
Acq: 17 Oct 2018 06:05

Tgt Ion:106 Resp: 30714

Ion Ratio Lower Upper

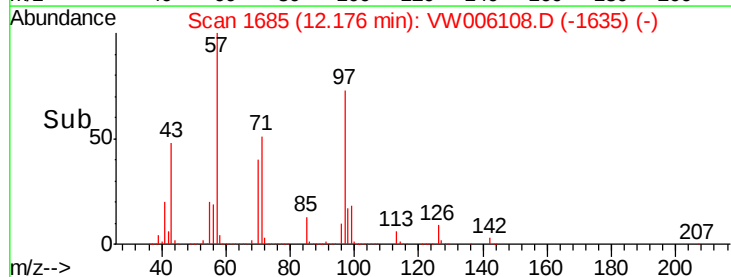
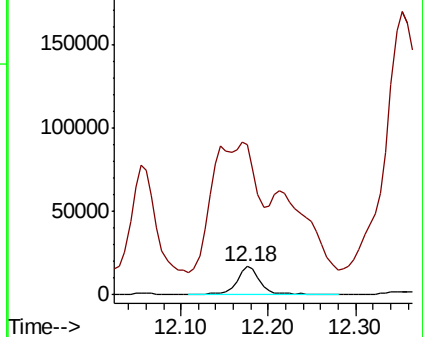
106 100

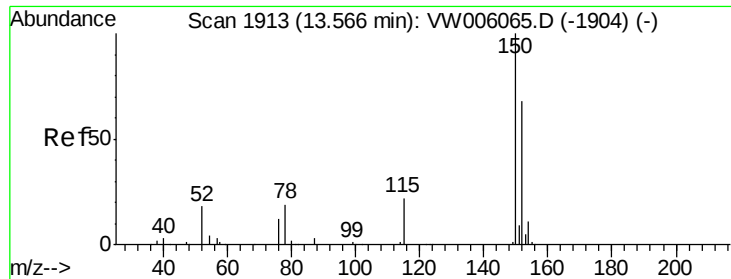
91 895.7 105.4 316.1#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

SB-1-6-8FT

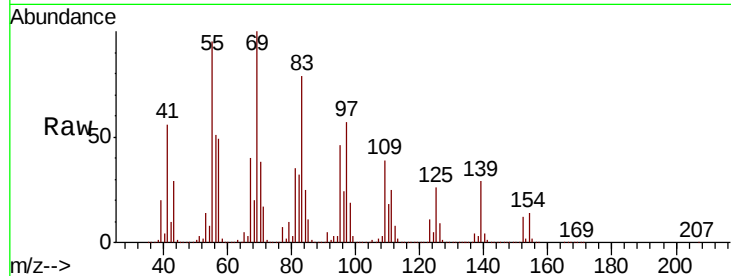
Tgt Ion:152 Resp: 705492

Ion Ratio Lower Upper

152 100

115 0.0 27.8 83.3#

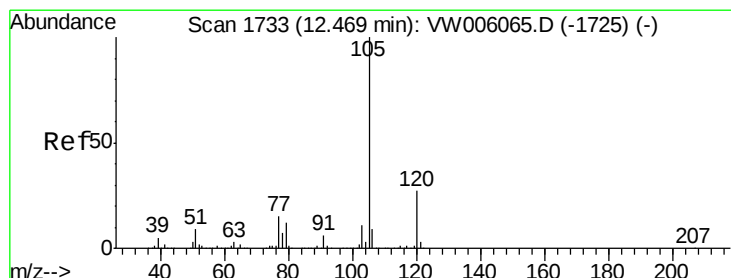
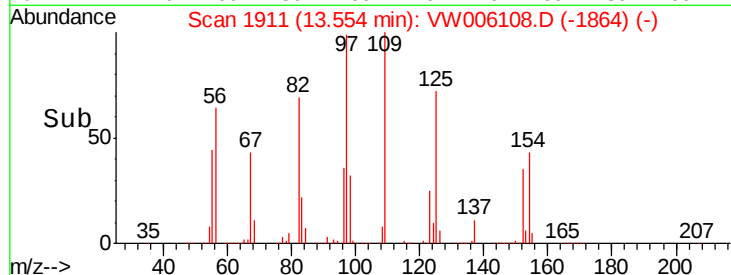
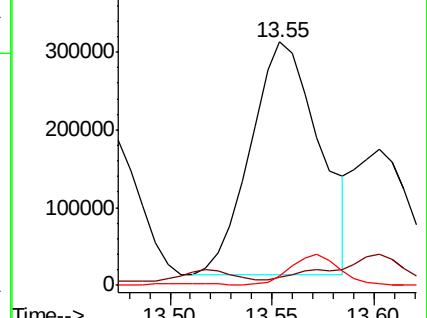
150 9.0 0.0 349.2



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: 192.967 ug/l

RT: 12.48 min Scan# 1735

Delta R.T. 0.01 min

Lab File: VW006108.D

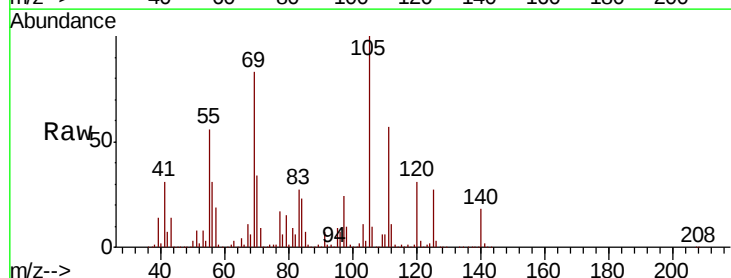
Acq: 17 Oct 2018 06:05

Tgt Ion:105 Resp: 9617632

Ion Ratio Lower Upper

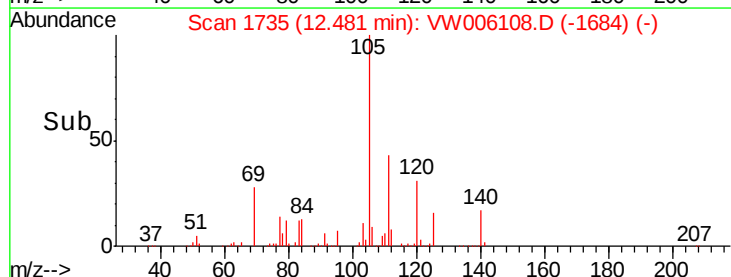
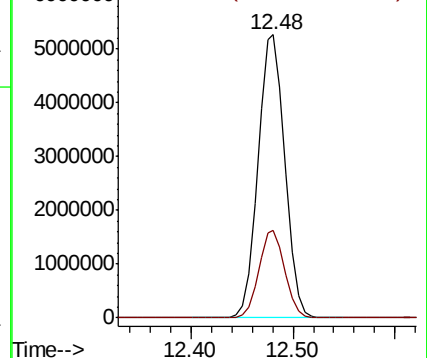
105 100

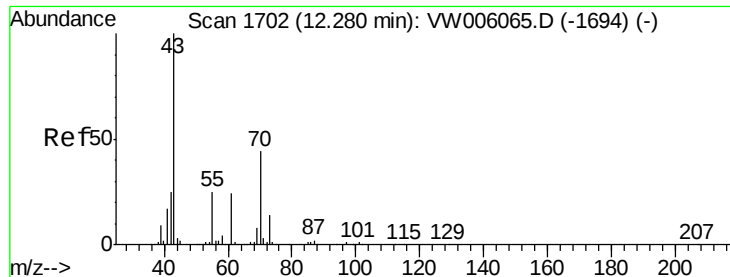
120 29.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 879.120 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

SB-1-6-8FT

Tgt Ion: 43 Resp: 8510301

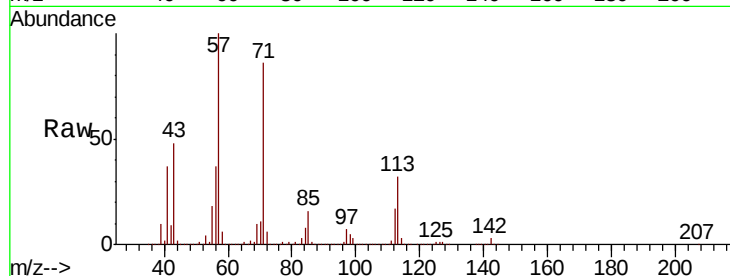
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.4#

55 0.0 19.2 28.8#

61 0.0 19.0 28.6#

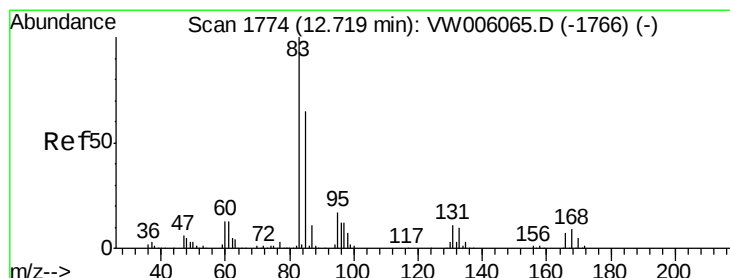
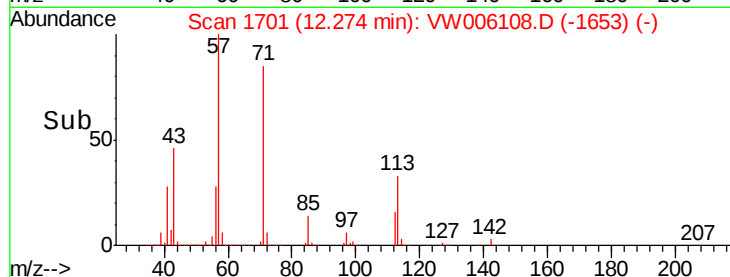
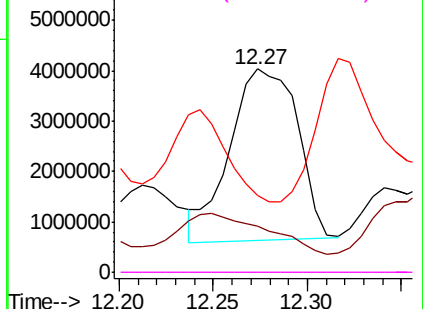


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 321.699 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

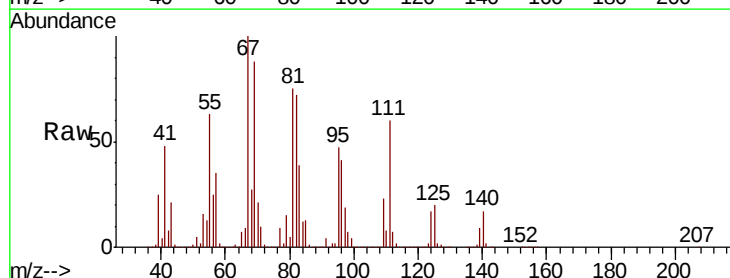
Tgt Ion: 83 Resp: 2438663

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

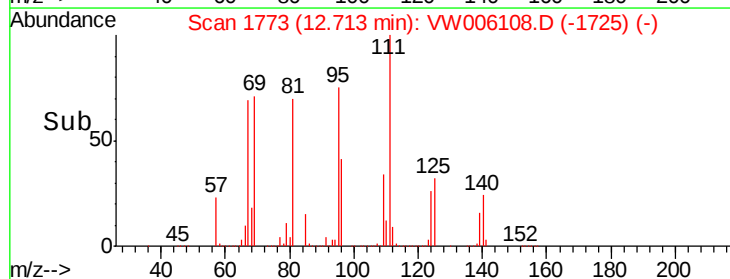
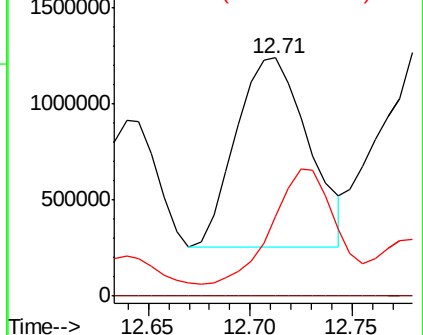
85 0.0 31.9 95.9#

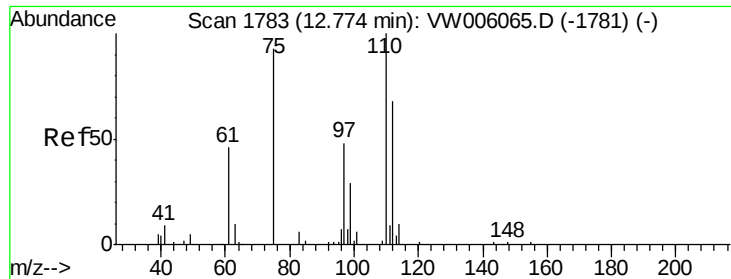


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

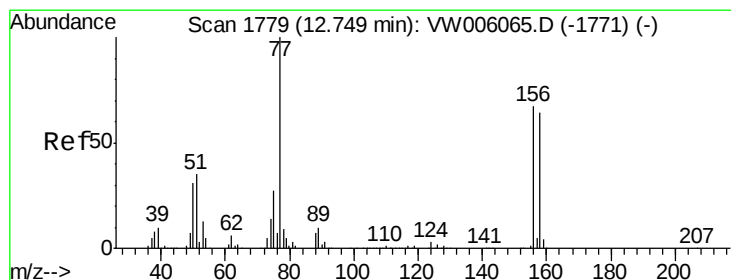
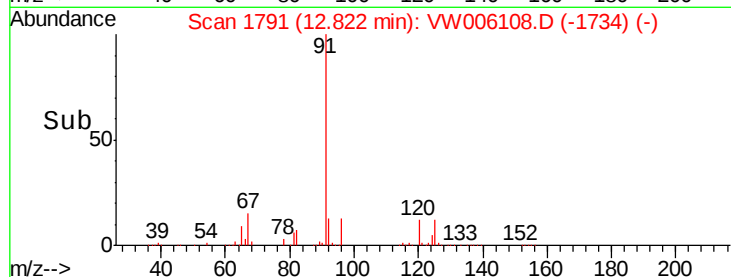
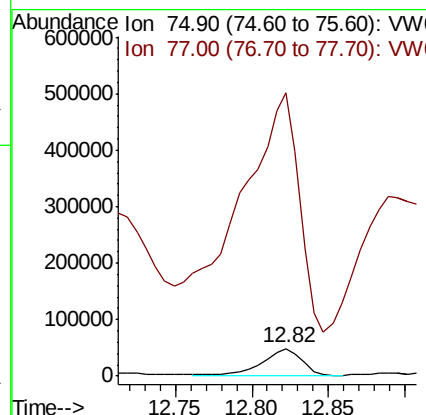
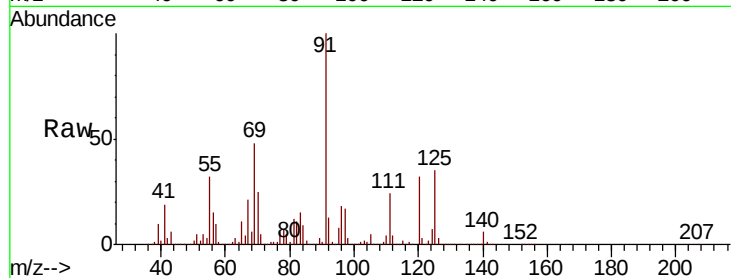




#76
 1,2,3-Trichloropropane
 Concen: 15.210 ug/l
 RT: 12.82 min Scan# 1791
 Delta R.T. 0.05 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

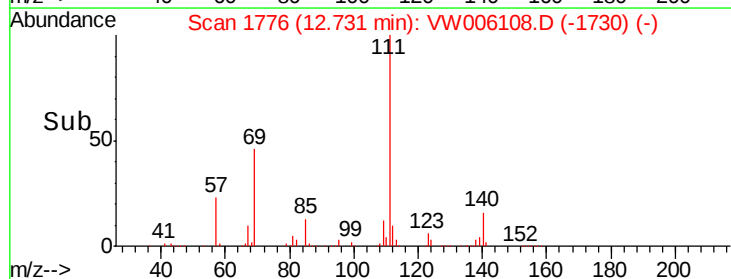
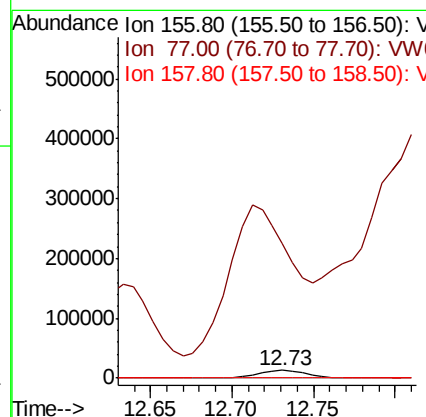
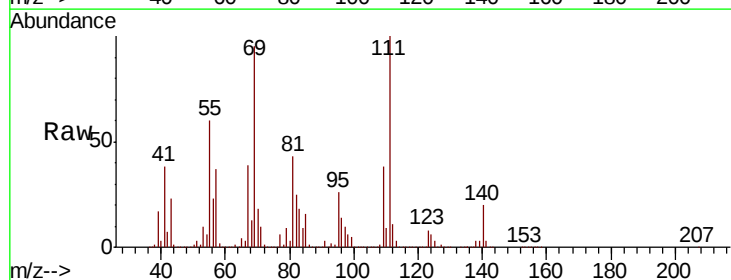
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-6-8FT

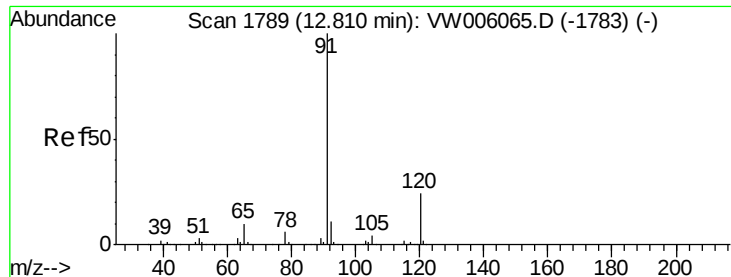
Tgt Ion: 75 Resp: 81959
 Ion Ratio Lower Upper
 75 100
 77 1384.2 0.0 0.0#



#77
 Bromobenzene
 Concen: 2.236 ug/l
 RT: 12.73 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Tgt Ion: 156 Resp: 27301
 Ion Ratio Lower Upper
 156 100
 77 0.0 79.1 237.4#
 158 0.6 48.5 145.6#





#78

n-propylbenzene

Concen: 225.965 ug/l

RT: 12.82 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

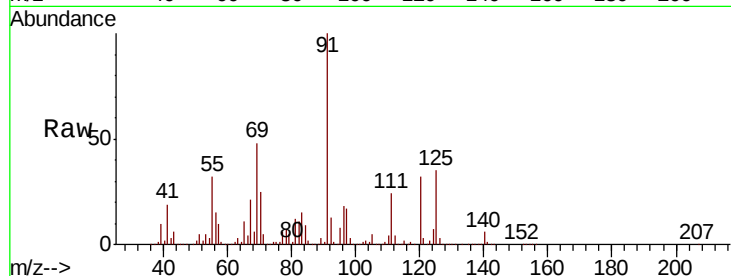
SB-1-6-8FT

Tgt Ion: 91 Resp:13102722

Ion Ratio Lower Upper

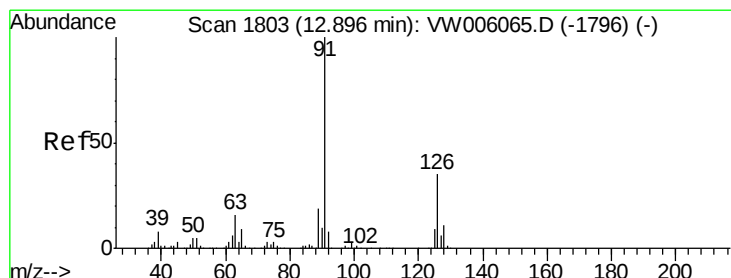
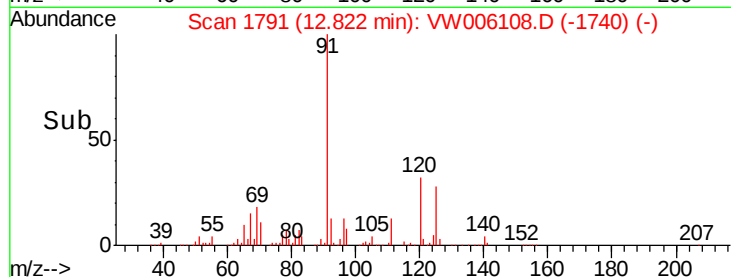
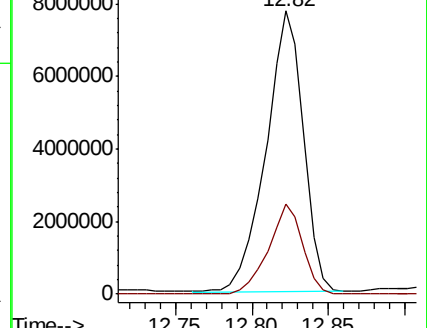
91 100

120 29.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW006108.D (-1740) (-)

Ion 120.00 (119.70 to 120.70): VW006108.D (-1740) (-)



#79

2-Chlorotoluene

Concen: 402.173 ug/l

RT: 12.82 min Scan# 1791

Delta R.T. -0.07 min

Lab File: VW006108.D

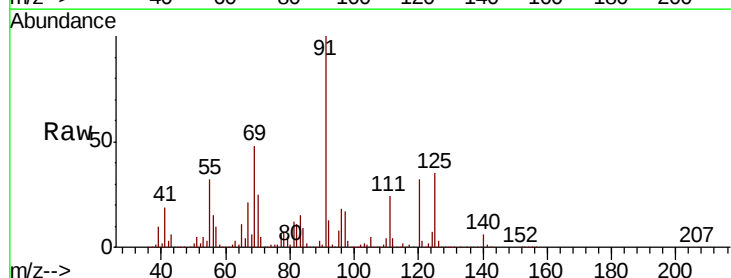
Acq: 17 Oct 2018 06:05

Tgt Ion: 91 Resp:13102722

Ion Ratio Lower Upper

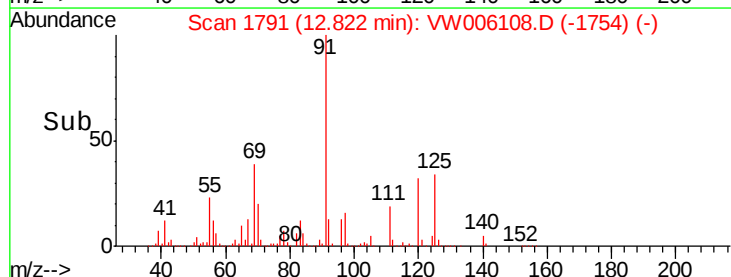
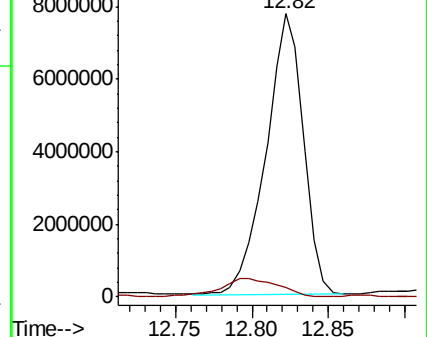
91 100

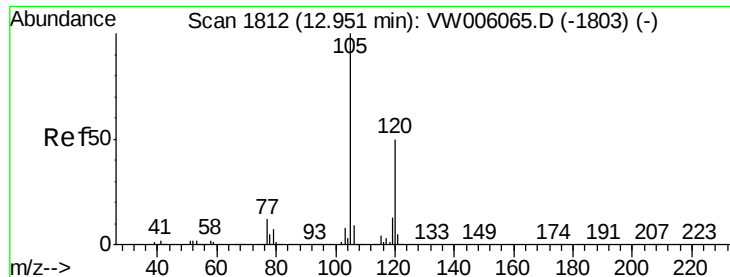
126 0.0 17.9 53.8#



Abundance Ion 91.00 (90.70 to 91.70): VW006108.D (-1754) (-)

Ion 125.90 (125.60 to 126.60): VW006108.D (-1754) (-)

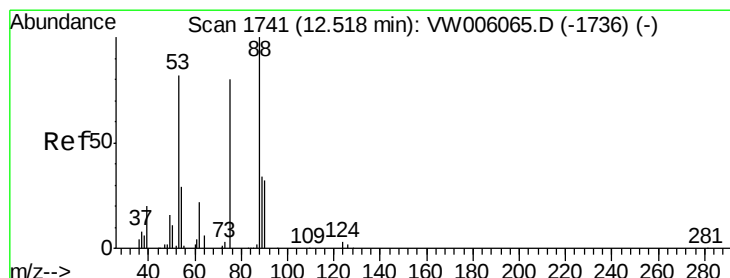
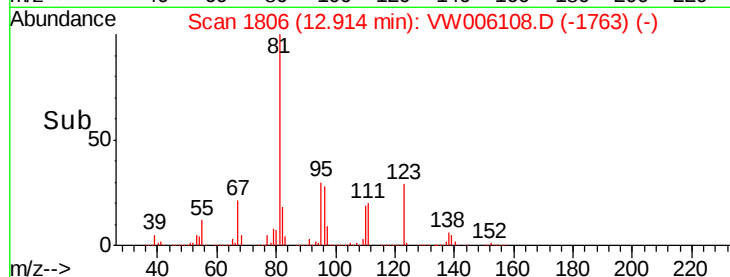
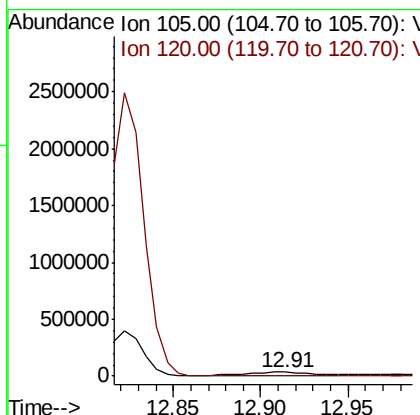
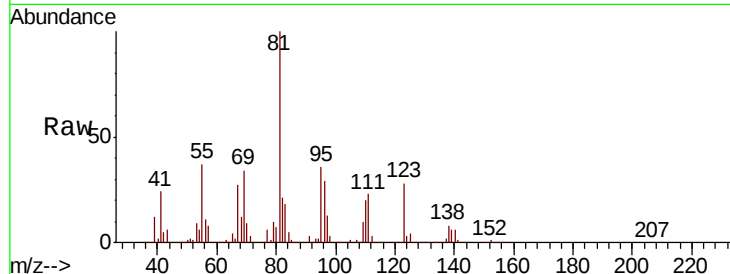




#80
 1,3,5-Trimethylbenzene
 Concen: 1.867 ug/l
 RT: 12.91 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

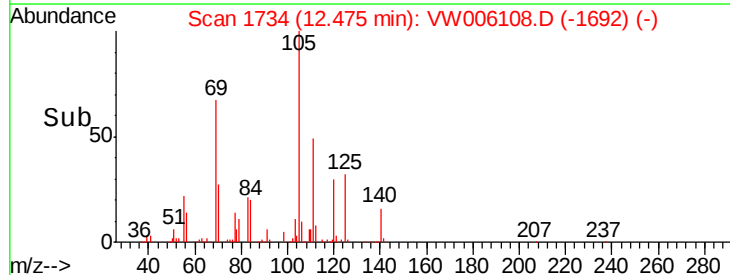
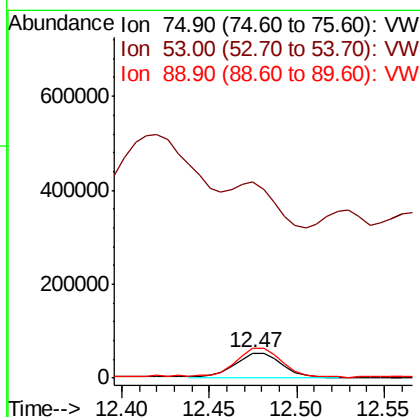
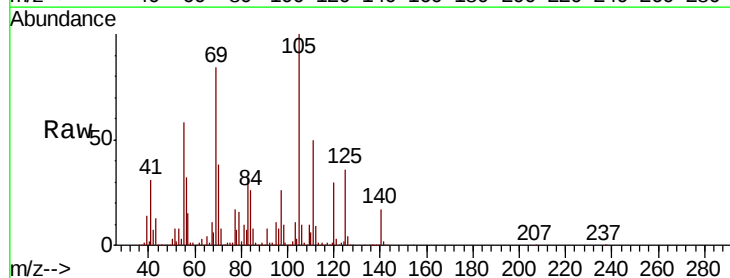
Instrument :
 MSVOA_W
 ClientSampled :
 SB-1-6-8FT

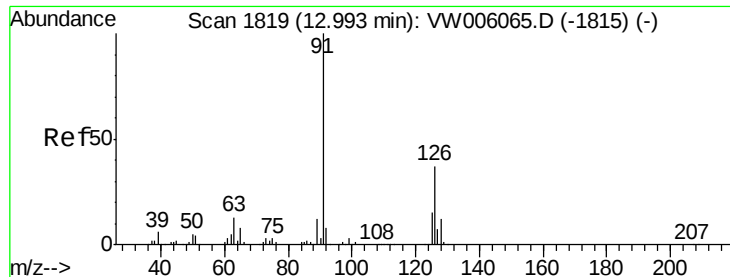
Tgt Ion: 105 Resp: 78438
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.9 74.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.949 ug/l
 RT: 12.47 min Scan# 1734
 Delta R.T. -0.04 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Tgt Ion: 75 Resp: 94565
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 119.6 37.5 56.3#





#82

4-Chlorotoluene

Concen: 383.394 ug/l

RT: 12.82 min Scan# 1791

Delta R.T. -0.17 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

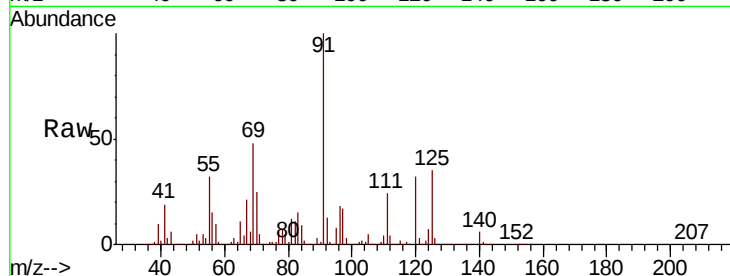
SB-1-6-8FT

Tgt Ion: 91 Resp:13084624

Ion Ratio Lower Upper

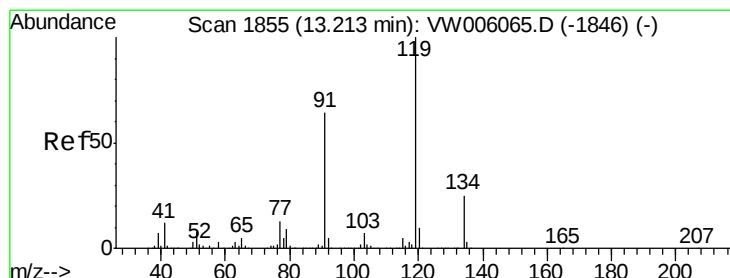
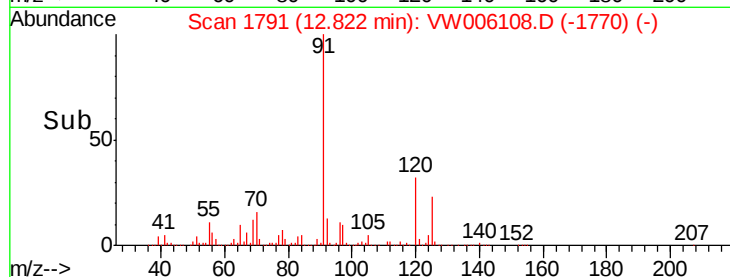
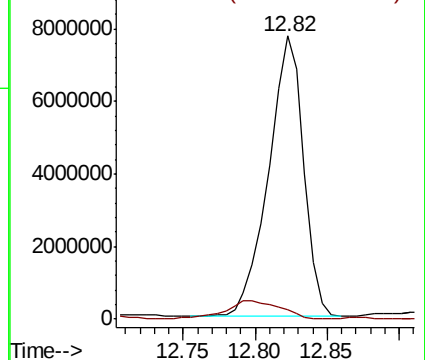
91 100

126 0.0 18.1 54.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 11.679 ug/l

RT: 13.22 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

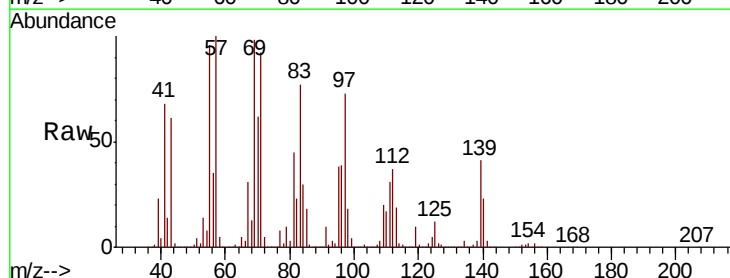
Tgt Ion:119 Resp: 439061

Ion Ratio Lower Upper

119 100

91 74.5 32.3 96.9

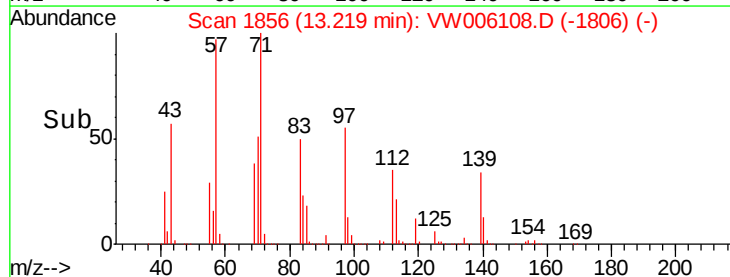
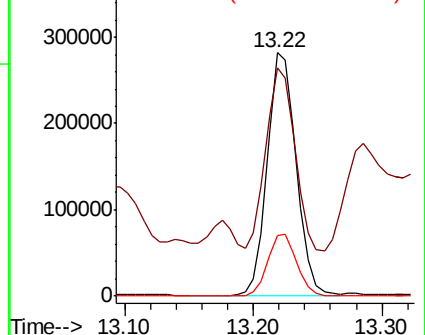
134 25.4 13.6 40.8

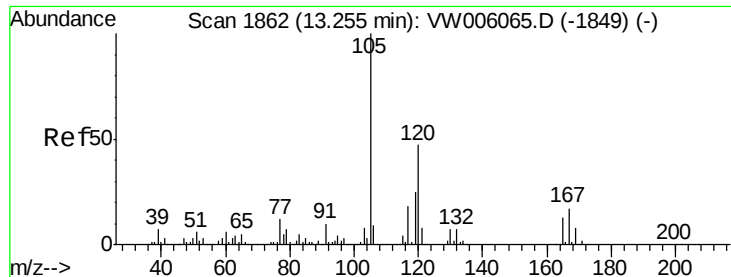


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

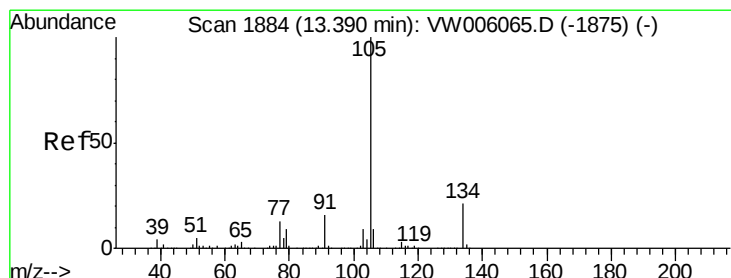
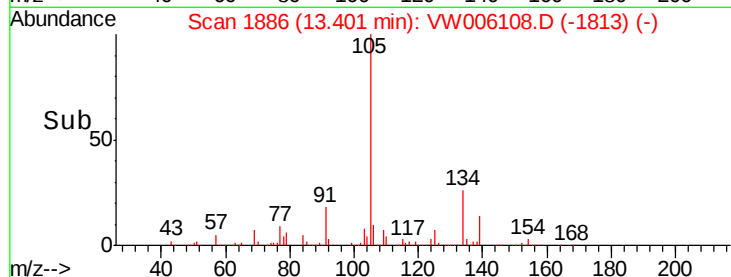
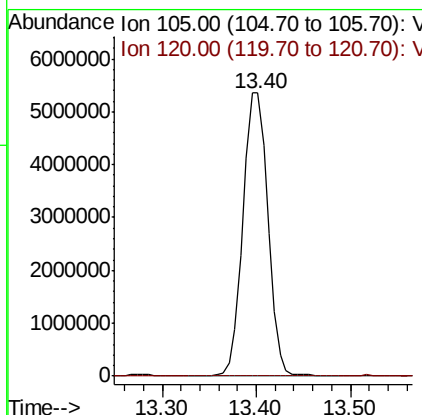
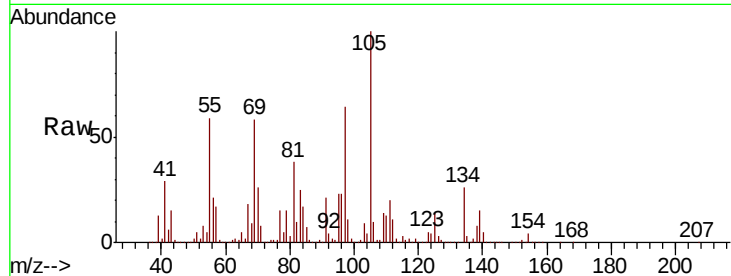




#84
 1,2,4-Trimethylbenzene
 Concen: 232.581 ug/l
 RT: 13.40 min Scan# 1886
 Delta R.T. 0.15 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

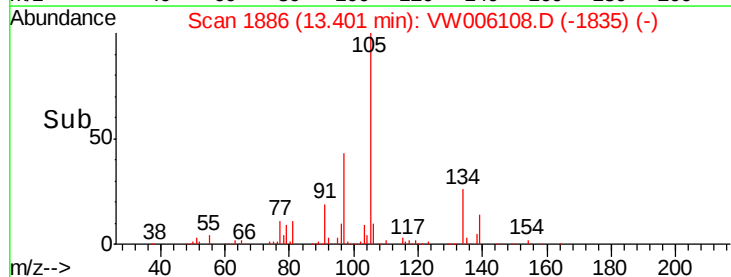
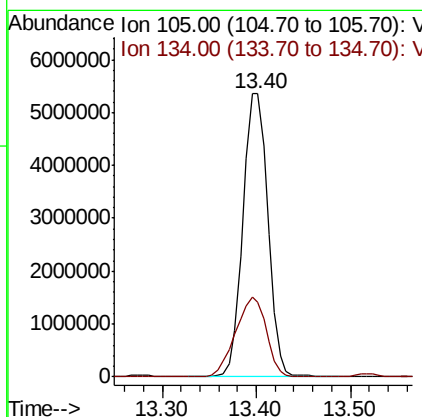
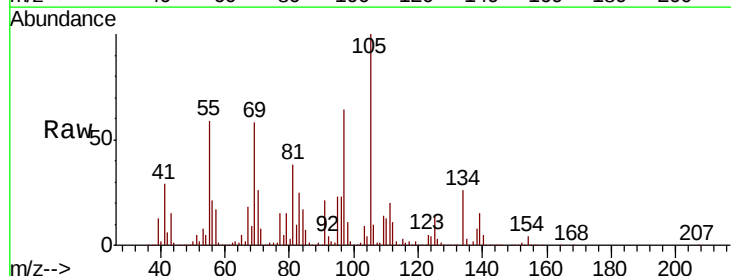
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-6-8FT

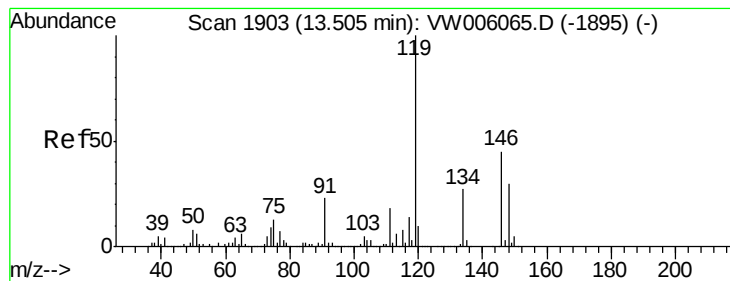
Tgt Ion:105 Resp: 9888723
 Ion Ratio Lower Upper
 105 100
 120 0.2 23.1 69.3#



#85
 sec-Butylbenzene
 Concen: 186.199 ug/l
 RT: 13.40 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: VW006108.D
 Acq: 17 Oct 2018 06:05

Tgt Ion:105 Resp: 9888723
 Ion Ratio Lower Upper
 105 100
 134 34.5 10.5 31.6#





#86

p-Isopropyltoluene

Concen: 39.696 ug/l

RT: 13.67 min Scan# 1930

Delta R.T. 0.16 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampled :

SB-1-6-8FT

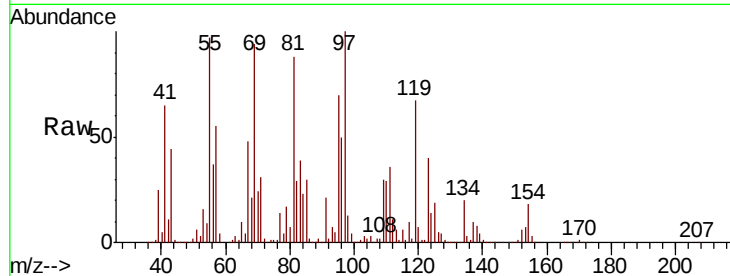
Tgt Ion: 119 Resp: 1906853

Ion Ratio Lower Upper

119 100

134 29.7 13.4 40.2

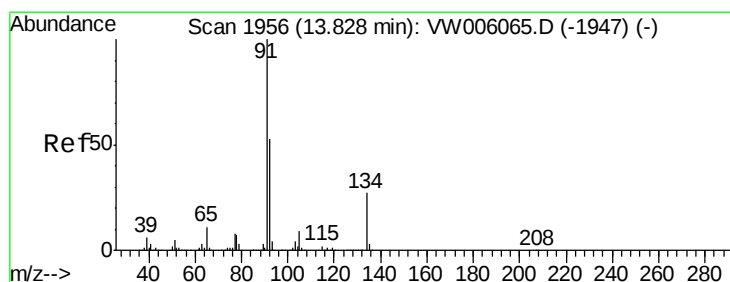
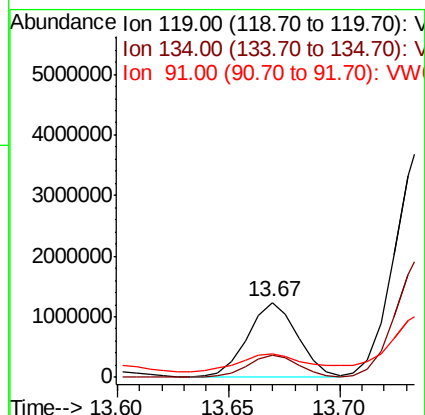
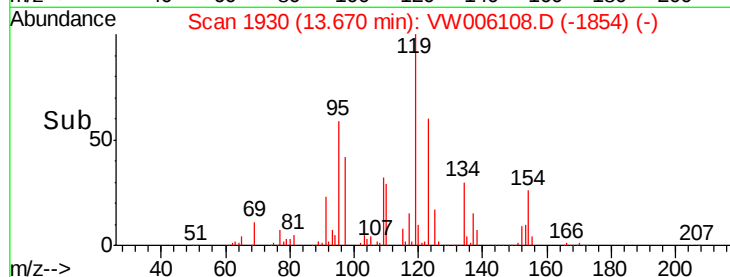
91 31.3 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 175.632 ug/l

RT: 13.84 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

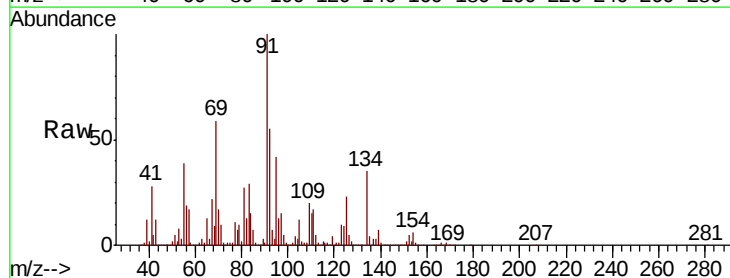
Tgt Ion: 91 Resp: 7715756

Ion Ratio Lower Upper

91 100

92 50.9 26.6 79.7

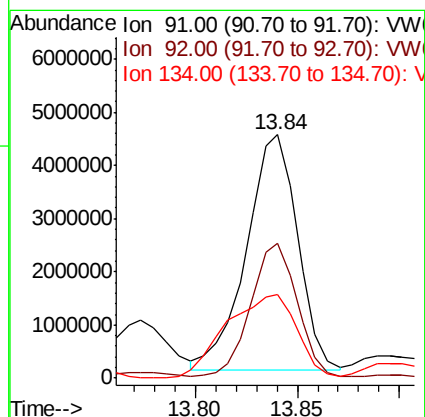
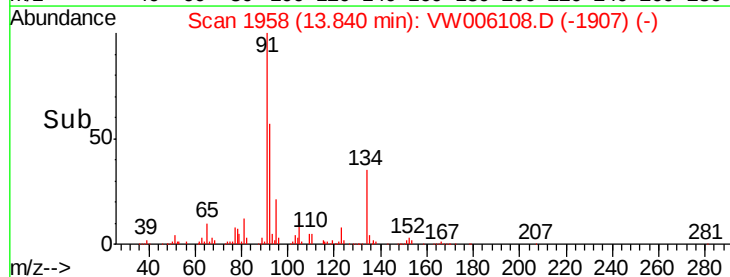
134 49.2 14.0 41.9#

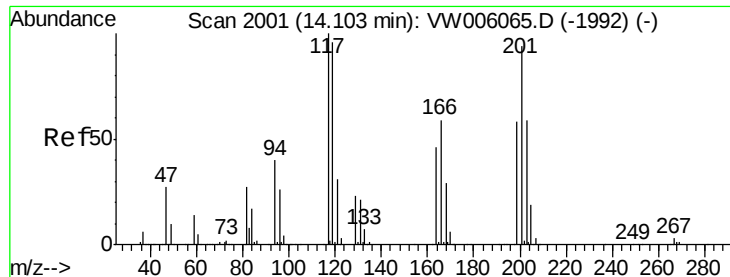


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 239.749 ug/l

RT: 14.11 min Scan# 2003

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

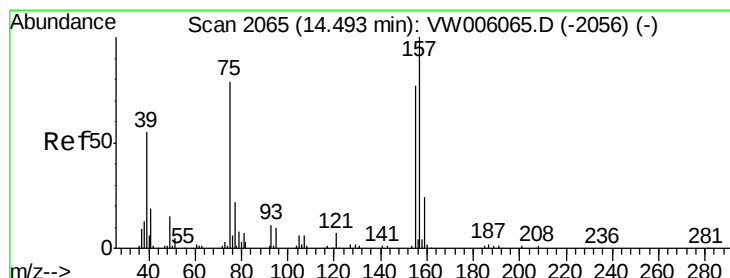
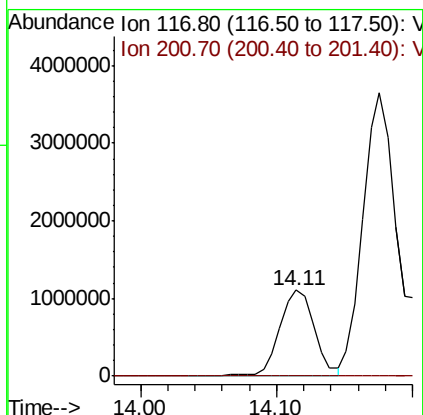
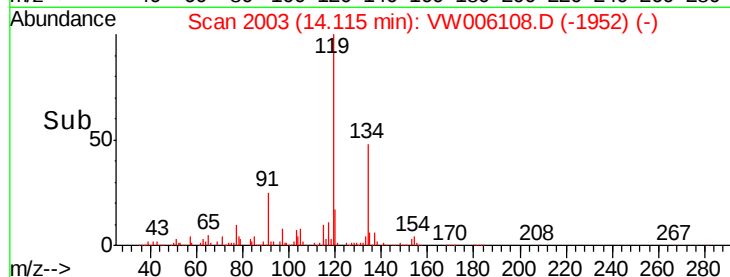
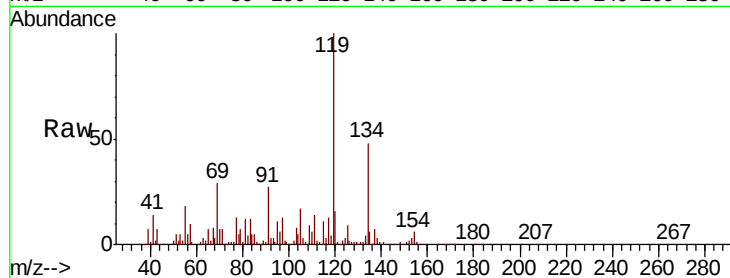
SB-1-6-8FT

Tgt Ion:117 Resp: 1950754

Ion Ratio Lower Upper

117 100

201 0.0 45.3 135.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.977 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

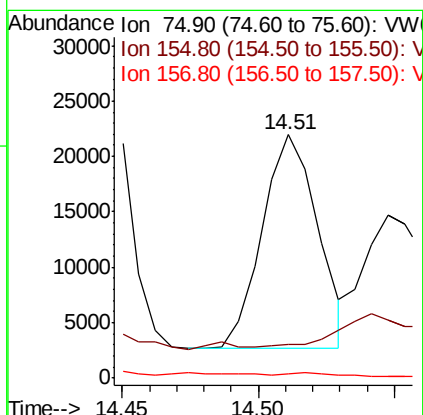
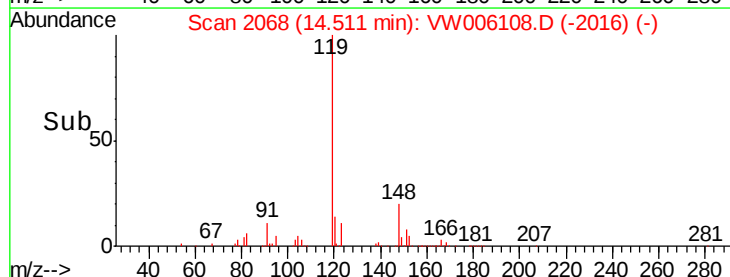
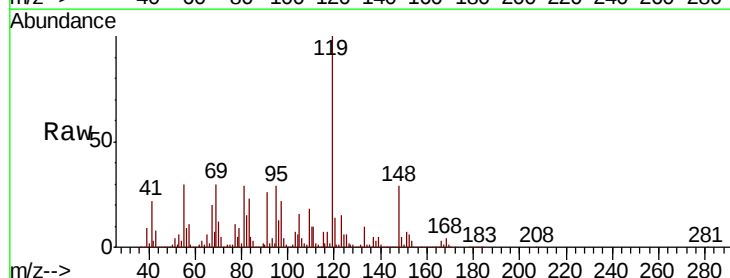
Tgt Ion: 75 Resp: 27114

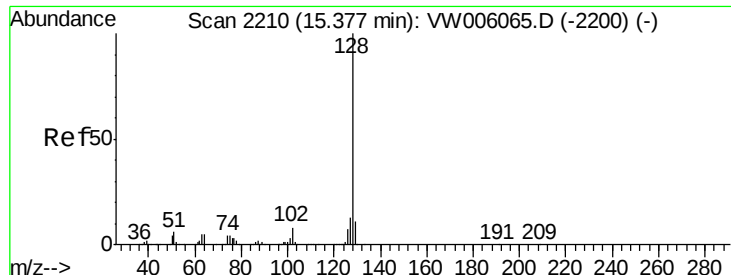
Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.5#

157 1.7 59.8 179.4#





#95
Naphthalene
Concen: 612.762 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Instrument :
MSVOA_W
ClientSampleId :
SB-1-6-8FT

Tgt Ion:128 Resp:16997216
Ion Ratio Lower Upper
128 100
127 14.9 10.3 15.5
129 12.8 8.7 13.1

