

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006110.D
 Acq On : 17 Oct 2018 06:56
 Operator : VA/AP
 Sample : J5539-07
 Misc : 11.91G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

Quant Time: Oct 17 07:22:37 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	19518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	29734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	25342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18018	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	9166	56.64	ug/l	0.00
Spiked Amount			Recovery	=	113.28%	
35) Dibromofluoromethane	7.89	113	8577	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	10.33	98	32017	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.62	95	19253	76.69	ug/l	0.00
Spiked Amount			Recovery	=	153.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	4.10	56	23	2.184	ug/l #	82
16) Acetone	4.12	43	4774	151.422	ug/l	98
18) Methyl Acetate	4.69	43	84	1.032	ug/l #	49
20) Methylene Chloride	4.93	84	1777	9.045	ug/l	86
25) 2-Butanone	7.21	43	199	4.552	ug/l #	46
26) 2,2-Dichloropropane	7.14	77	943	4.497	ug/l #	51
29) Tetrahydrofuran	7.55	42	53	1.972	ug/l #	31
31) Cyclohexane	7.96	56	622	2.101	ug/l #	39
36) 1,1-Dichloropropene	7.95	75	1277	4.659	ug/l #	44
38) Carbon Tetrachloride	7.96	117	1856	6.178	ug/l #	13
39) Methylcyclohexane	9.31	83	3550	9.745	ug/l #	43
41) Methacrylonitrile	7.48	41	104	1.694	ug/l #	34
43) Isopropyl Acetate	8.43	43	958	4.601	ug/l #	50
47) Bromodichloromethane	9.61	83	904	3.637	ug/l #	43
48) Methyl methacrylate	9.47	41	292	2.959	ug/l #	27
51) 4-Methyl-2-Pentanone	10.21	43	524	5.023	ug/l #	36
55) 1,1,2-Trichloroethane	10.77	97	8959	62.440	ug/l #	27
56) Ethyl methacrylate	10.66	69	8066	45.856	ug/l #	18
59) 2-Hexanone	10.94	43	23098	310.193	ug/l #	30
61) 1,2-Dibromoethane	11.24	107	264	1.841	ug/l #	2
65) Chlorobenzene	11.66	112	897	1.653	ug/l #	74
67) Ethyl Benzene	11.74	91	2487	2.645	ug/l #	85
71) Bromoform	12.37	173	121	1.125	ug/l #	1
73) Isopropylbenzene	12.47	105	3341	2.625	ug/l	82
74) N-amyl acetate	12.26	43	71113	287.632	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.69	83	14967	77.307	ug/l #	95
76) 1,2,3-Trichloropropane	12.62	75	5300	38.511	ug/l #	100
77) Bromobenzene	12.93	156	124380	398.936	ug/l #	1
78) n-propylbenzene	12.81	91	8285	5.594	ug/l	89
79) 2-Chlorotoluene	12.87	91	1651	1.984	ug/l	81
81) trans-1,4-Dichloro-2-buten	12.45	75	508	8.824	ug/l #	1
82) 4-Chlorotoluene	12.87	91	1651	1.894	ug/l	80
83) tert-Butylbenzene	13.21	119	6026	6.276	ug/l	79
84) 1,2,4-Trimethylbenzene	13.39	105	24857	22.891	ug/l #	32

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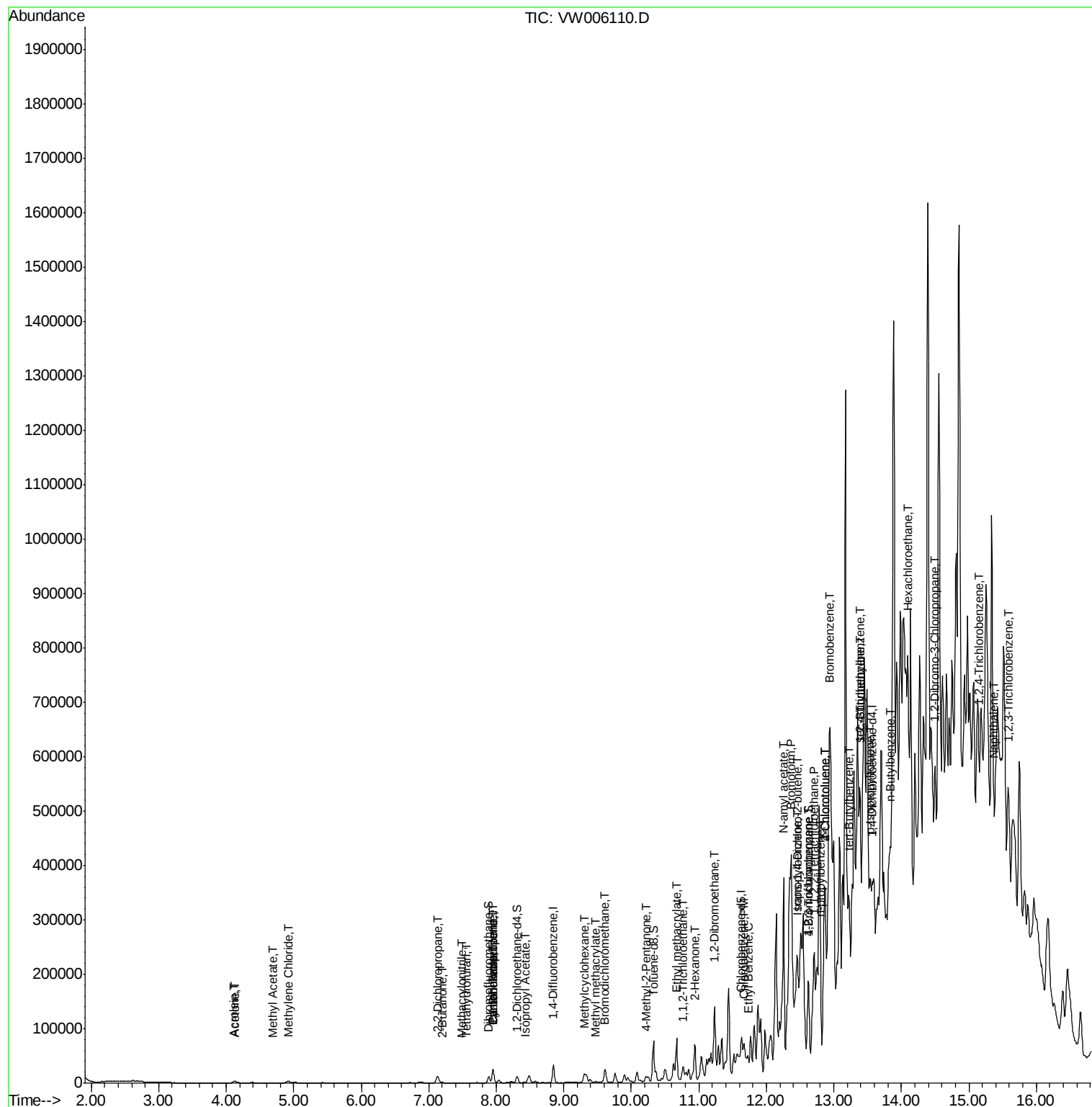
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.39	105	24898	18.356	ug/l #	54
86) p-Isopropyltoluene	13.54	119	1914	1.560	ug/l #	50
89) n-Butylbenzene	13.83	91	14433	12.864	ug/l #	73
90) Hexachloroethane	14.10	117	3170	15.255	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.51	75	456	13.155	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.15	180	1947	4.572	ug/l #	1
95) Naphthalene	15.38	128	37452	52.866	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.59	180	4293	11.655	ug/l #	12

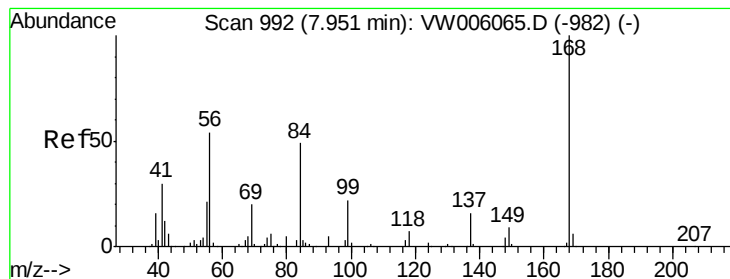
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampled :

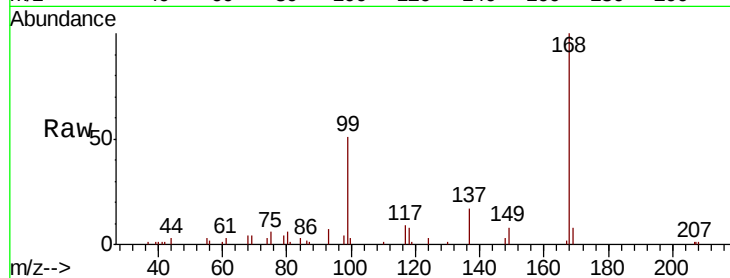
SB-10-5-7FT

Tgt Ion:168 Resp: 19518

Ion Ratio Lower Upper

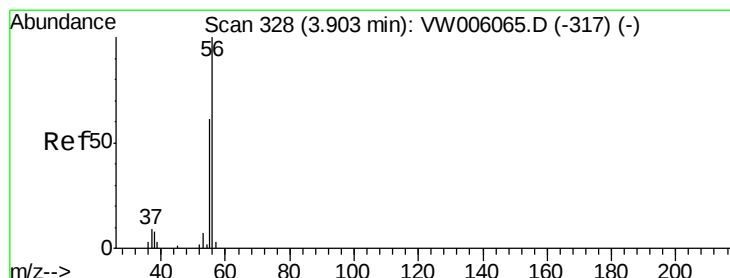
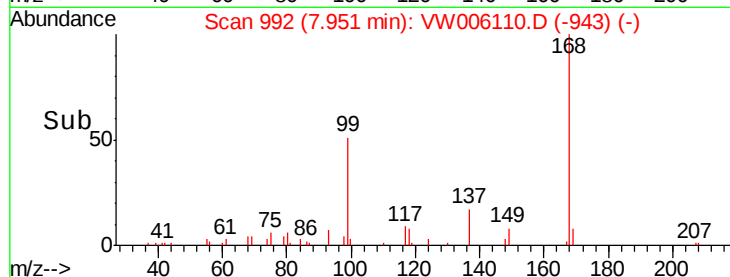
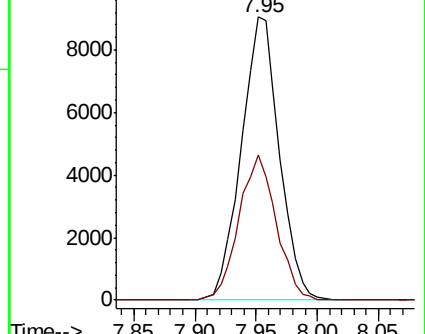
168 100

99 51.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 2.184 ug/l

RT: 4.10 min Scan# 361

Delta R.T. 0.20 min

Lab File: VW006110.D

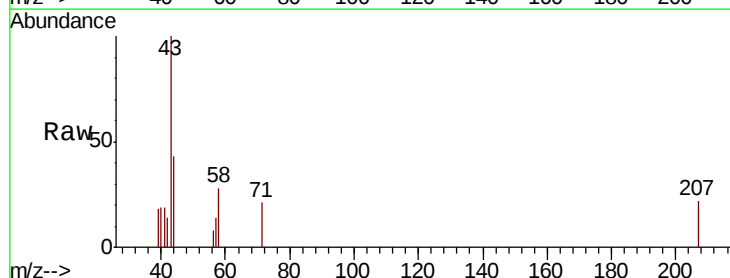
Acq: 17 Oct 2018 06:56

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

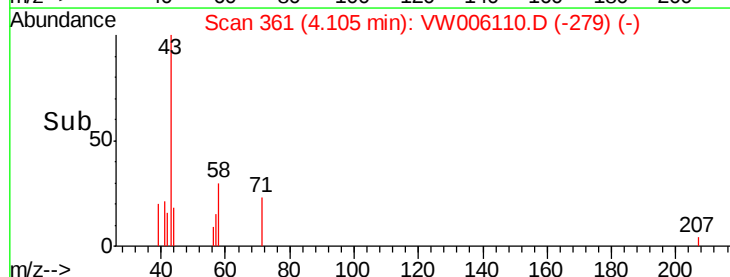
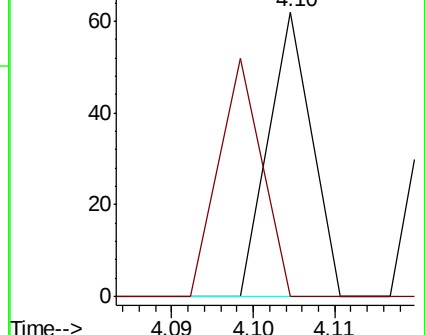
56 100

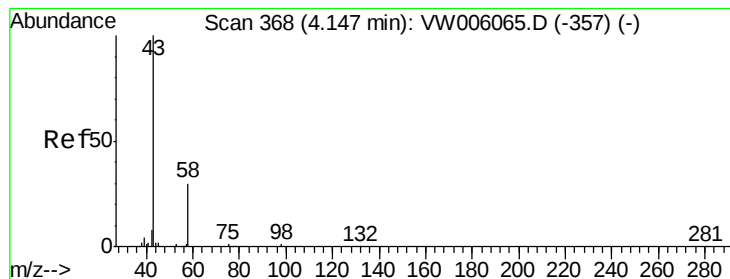
55 82.6 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 151.422 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

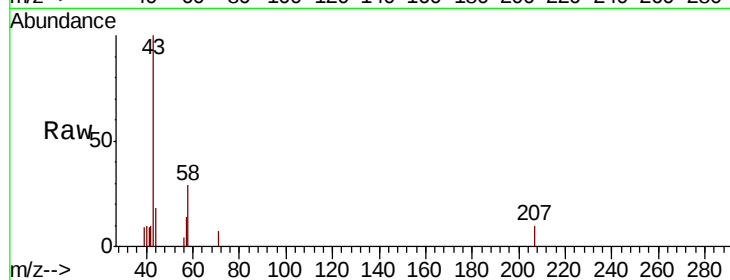
SB-10-5-7FT

Tgt Ion: 43 Resp: 4774

Ion Ratio Lower Upper

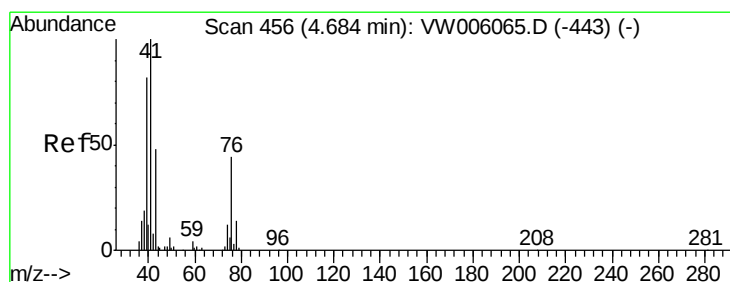
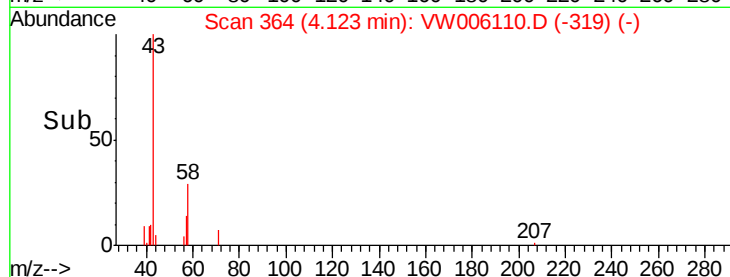
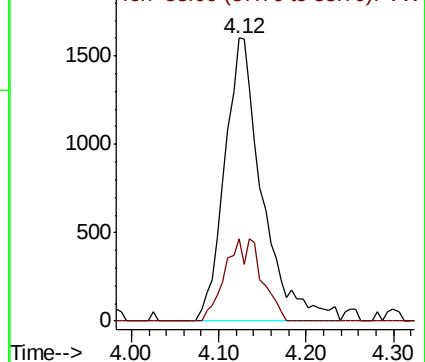
43 100

58 29.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.032 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW006110.D

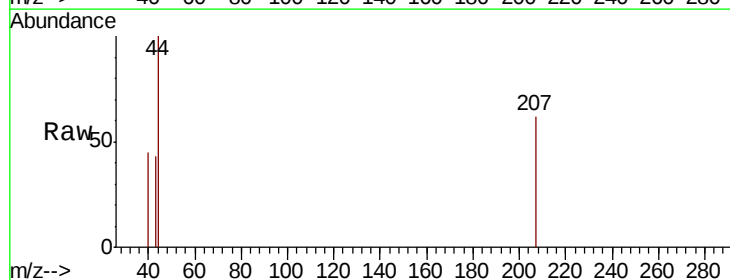
Acq: 17 Oct 2018 06:56

Tgt Ion: 43 Resp: 84

Ion Ratio Lower Upper

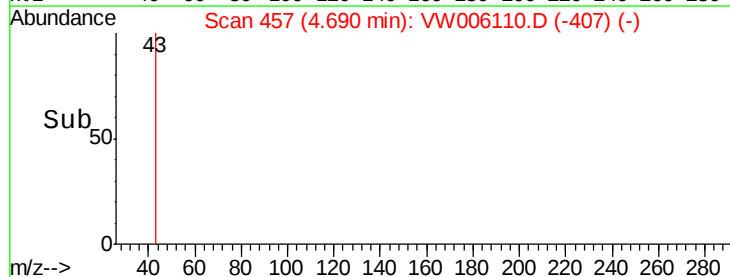
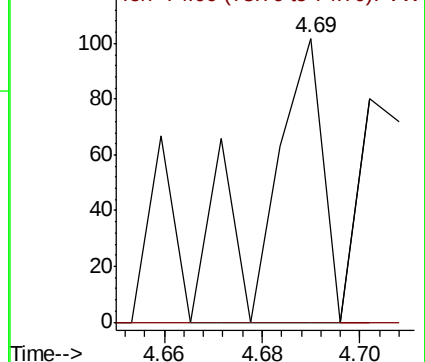
43 100

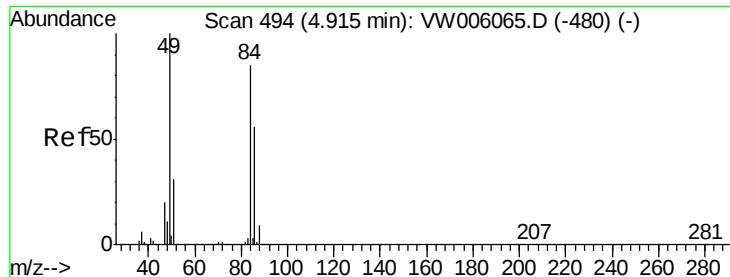
74 0.0 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

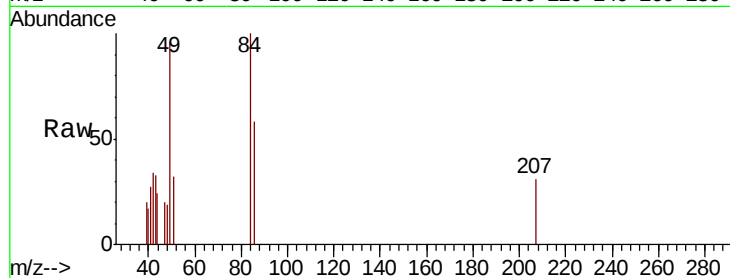




#20
Methylene Chloride
Concen: 9.045 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tgt Ion:	84	Resp:	1777
Ion	Ratio	Lower	Upper
84	100		
49	96.5	93.6	140.4
51	31.6	29.0	43.4
86	57.8	52.6	79.0



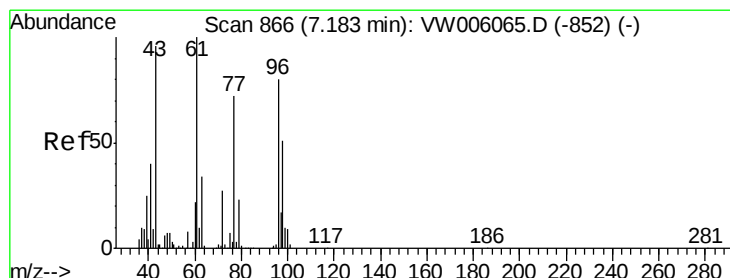
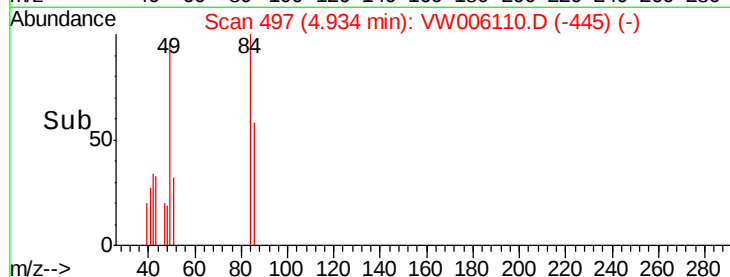
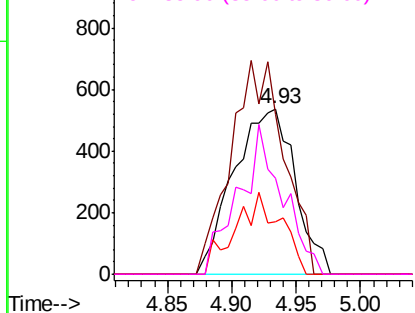
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

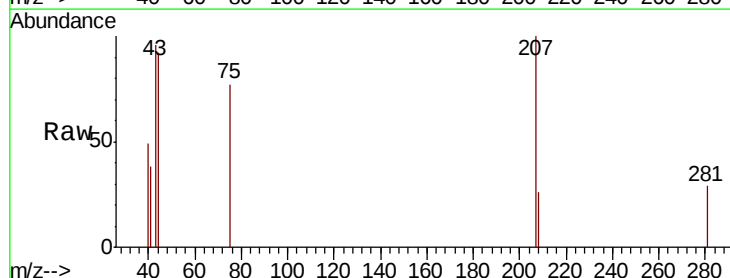
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 4.552 ug/l
RT: 7.21 min Scan# 871
Delta R.T. 0.03 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

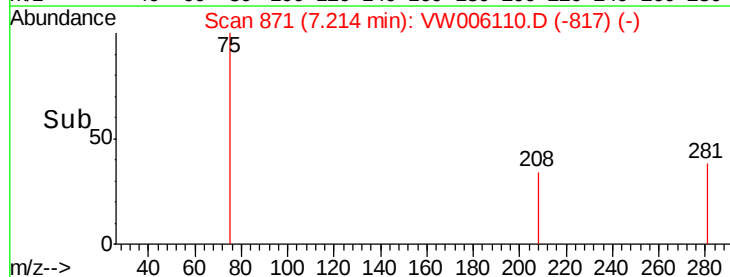
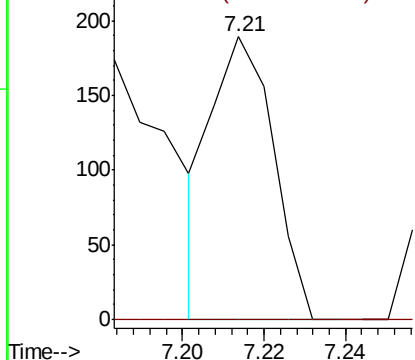
Tgt Ion:	43	Resp:	199
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#

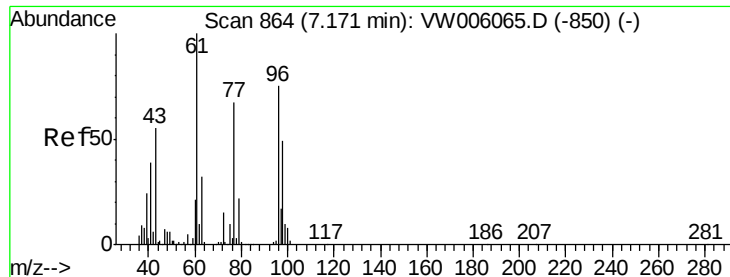


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: 4.497 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

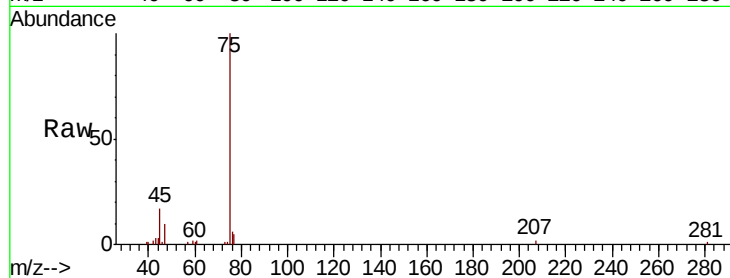
SB-10-5-7FT

Tgt Ion: 77 Resp: 943

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.14

300

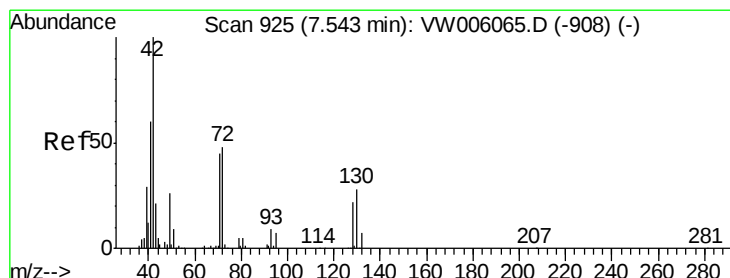
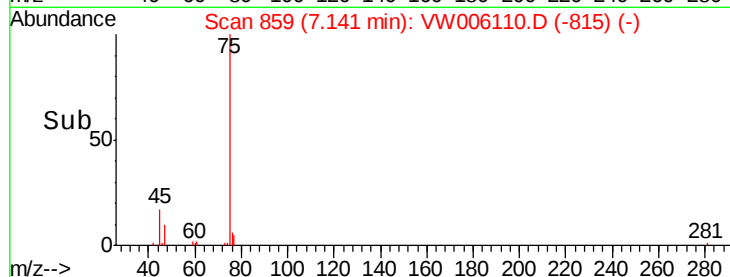
200

100

0

7.05 7.10 7.15 7.20

Time-->



#29

Tetrahydrofuran

Concen: 1.972 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

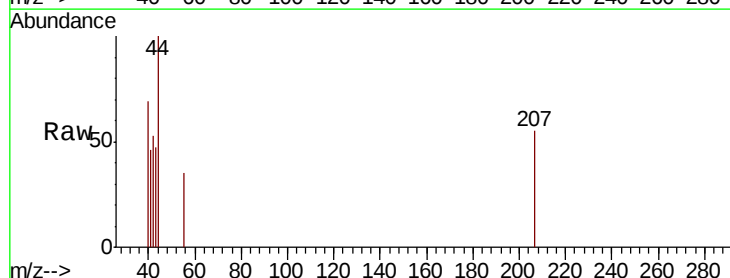
Tgt Ion: 42 Resp: 53

Ion Ratio Lower Upper

42 100

72 0.0 38.0 57.0#

71 0.0 35.3 52.9#



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

7.55

100

80

60

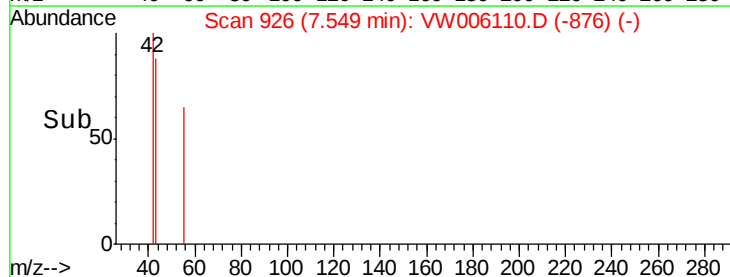
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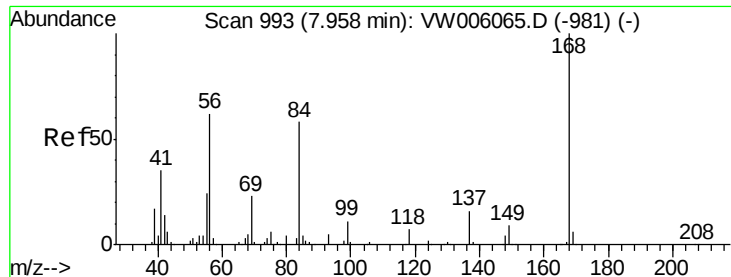
20

0

7.52 7.54 7.56

Time-->





#31

Cyclohexane

Concen: 2.101 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

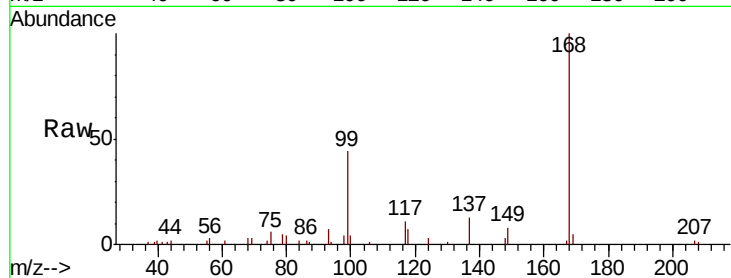
Tgt Ion: 56 Resp: 622

Ion Ratio Lower Upper

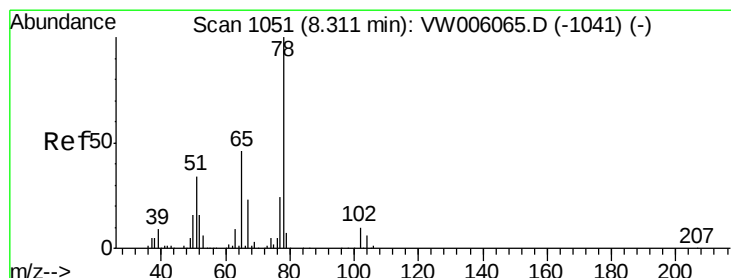
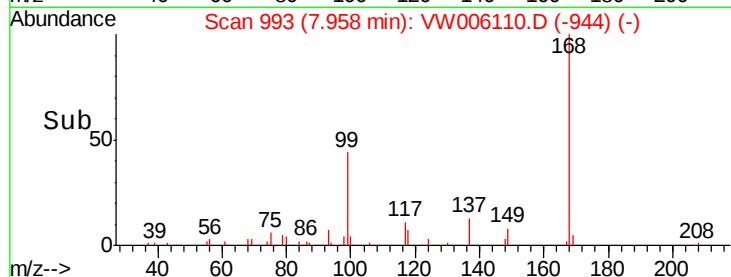
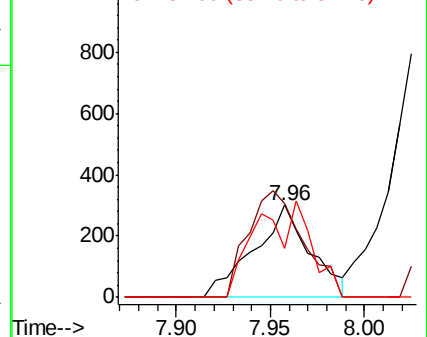
56 100

69 102.0 29.4 44.0#

84 52.8 74.0 111.0#



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



#33

1,2-Dichloroethane-d4

Concen: 56.645 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006110.D

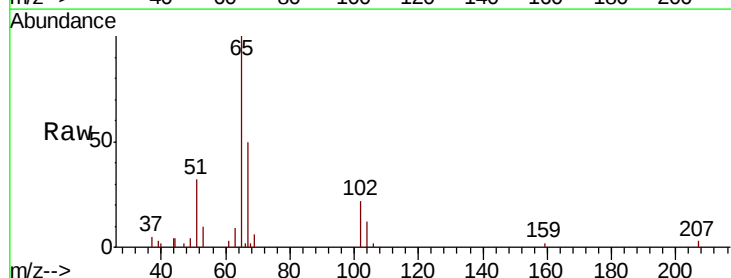
Acq: 17 Oct 2018 06:56

Tgt Ion: 65 Resp: 9166

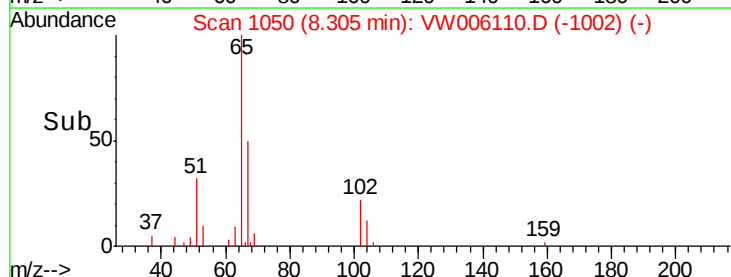
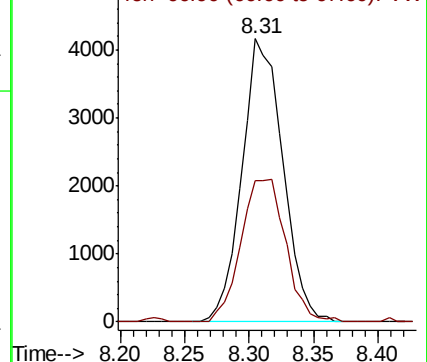
Ion Ratio Lower Upper

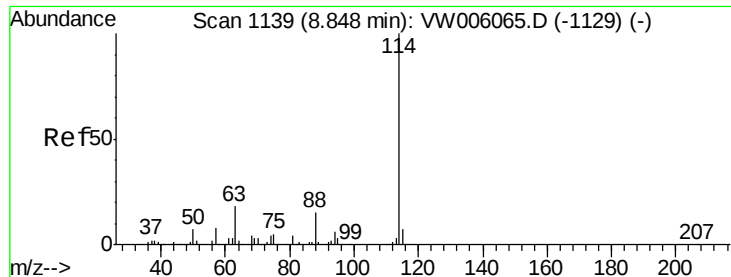
65 100

67 55.1 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

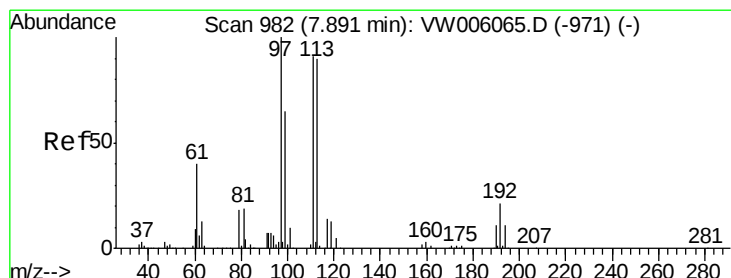
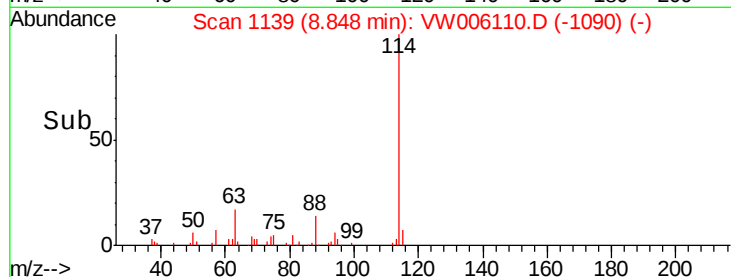
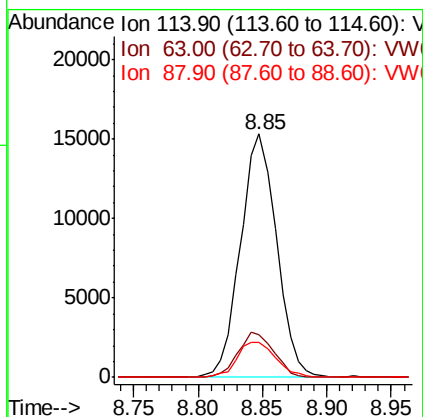
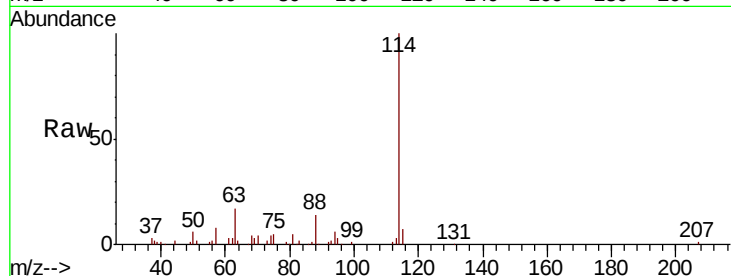




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006110.D
 Acq: 17 Oct 2018 06:56

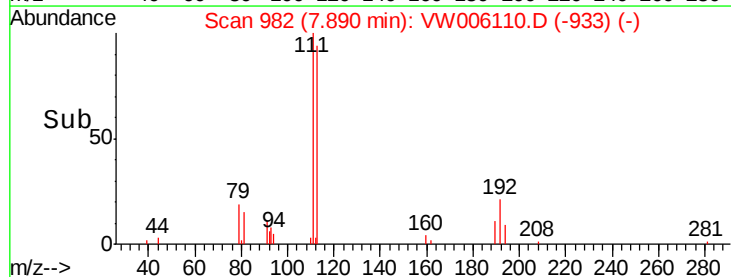
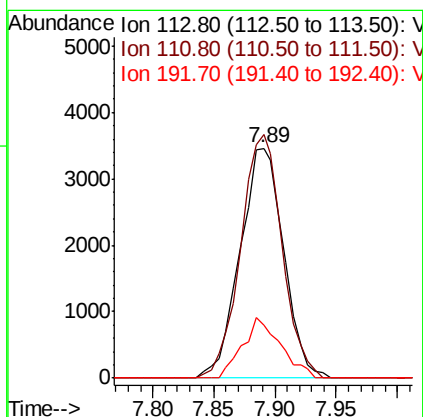
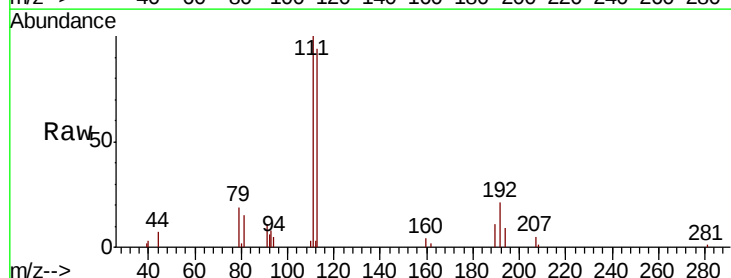
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

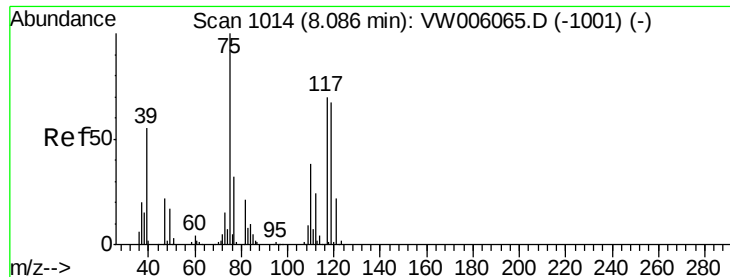
Tgt Ion:114 Resp: 29734
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.8
 88 14.5 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 48.817 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006110.D
 Acq: 17 Oct 2018 06:56

Tgt Ion:113 Resp: 8577
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.4 122.0
 192 22.9 18.7 28.1

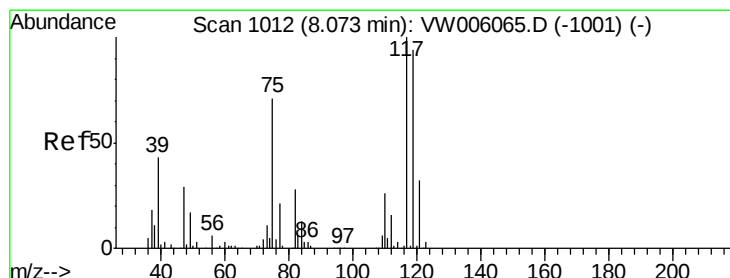
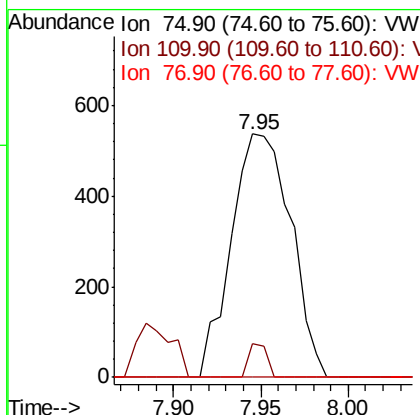
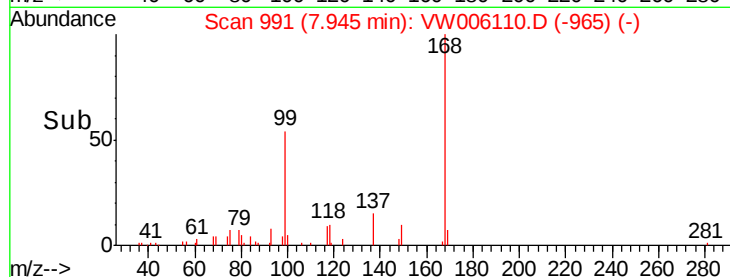
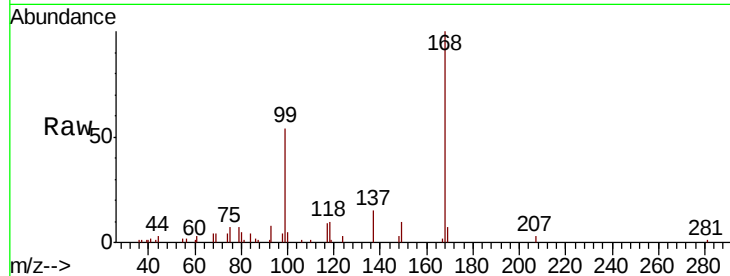




#36
 1,1-Dichloropropene
 Concen: 4.659 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006110.D
 Acq: 17 Oct 2018 06:56

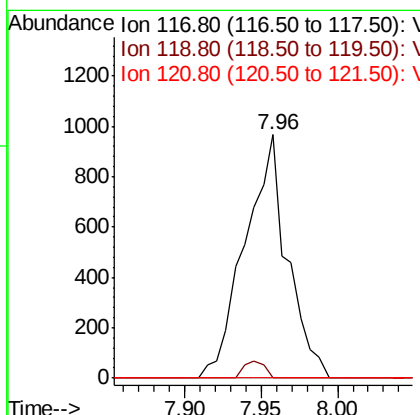
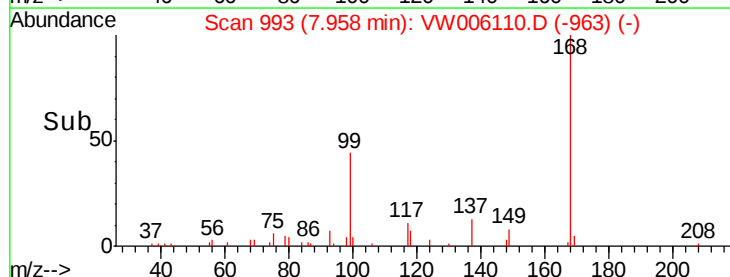
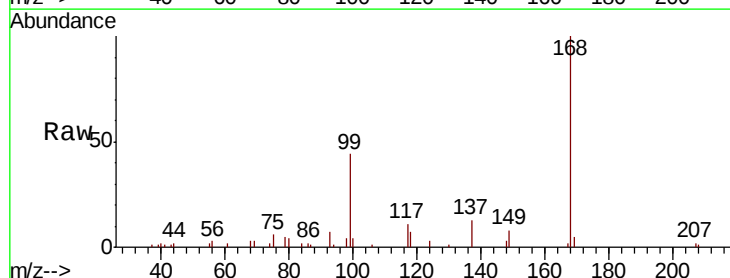
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-5-7FT

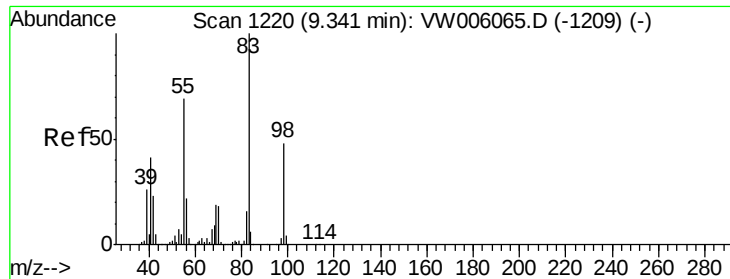
Tgt Ion: 75 Resp: 1277
 Ion Ratio Lower Upper
 75 100
 110 4.2 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.178 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW006110.D
 Acq: 17 Oct 2018 06:56

Tgt Ion: 117 Resp: 1856
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.2 112.8#
 121 0.0 25.3 37.9#

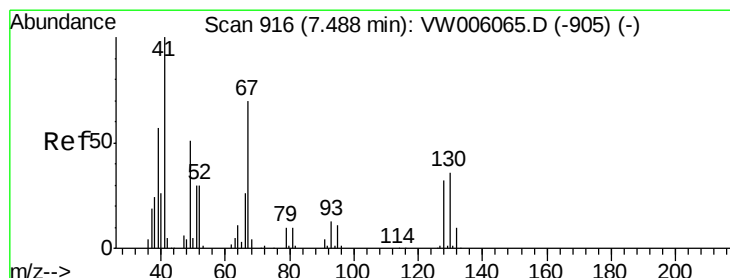
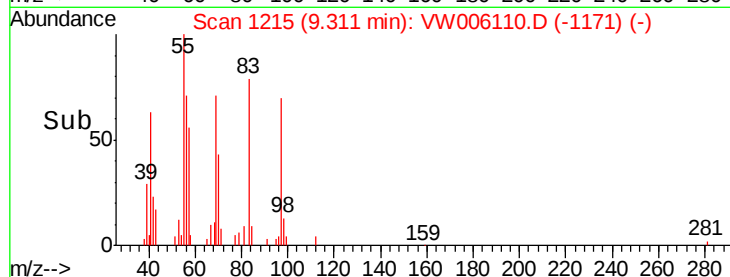
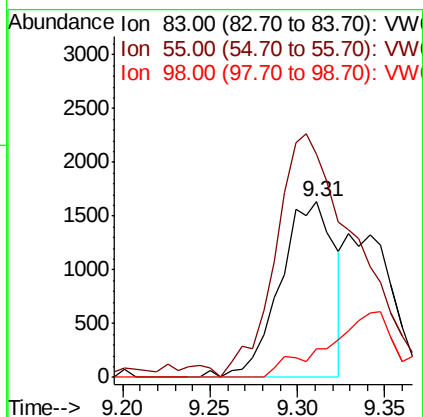
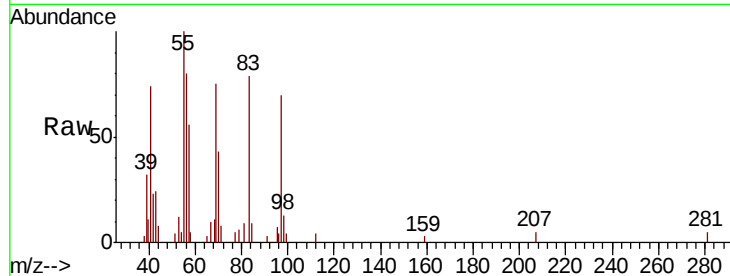




#39
Methylcyclohexane
Concen: 9.745 ug/l
RT: 9.31 min Scan# 1215
Delta R.T. -0.03 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

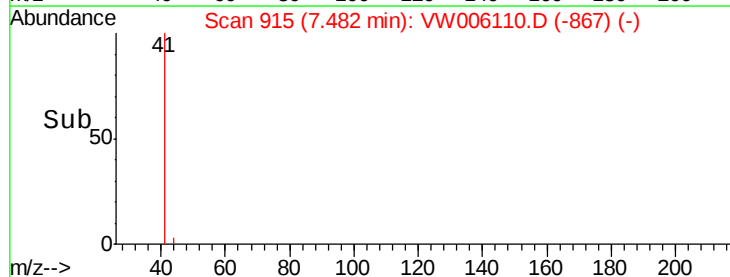
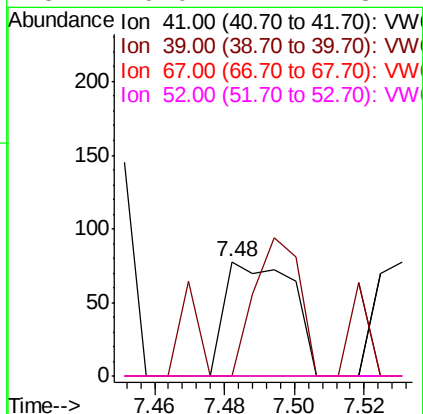
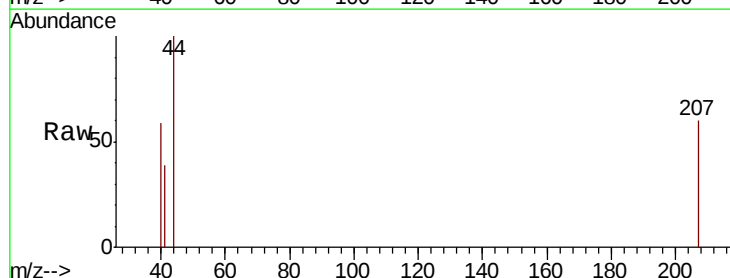
Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

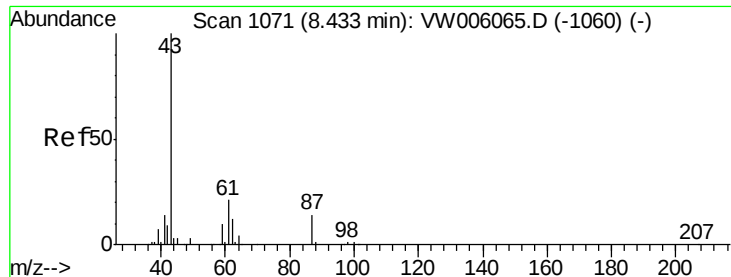
Tgt Ion: 83 Resp: 3550
Ion Ratio Lower Upper
83 100
55 121.2 55.0 82.6#
98 16.6 38.6 57.8#



#41
Methacrylonitrile
Concen: 1.694 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

Tgt Ion: 41 Resp: 104
Ion Ratio Lower Upper
41 100
39 23.1 46.2 69.4#
67 0.0 57.7 86.5#
52 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 4.601 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

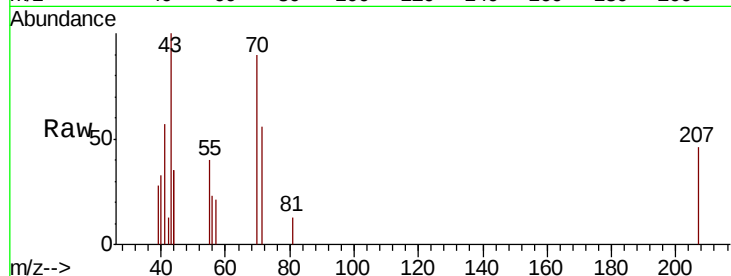
Tgt Ion: 43 Resp: 958

Ion Ratio Lower Upper

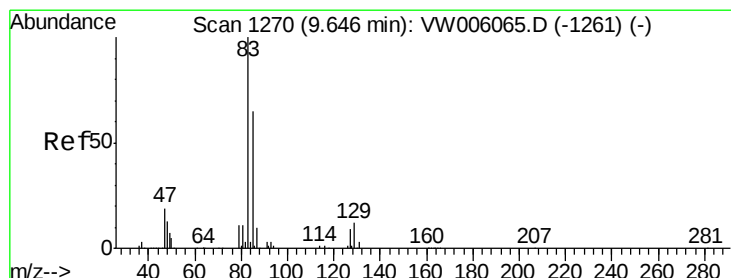
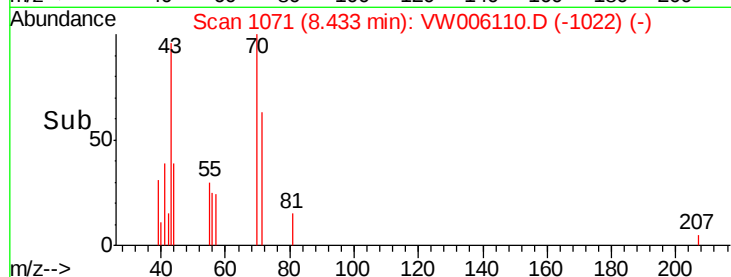
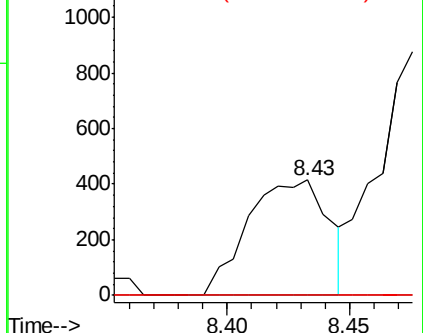
43 100

61 0.0 25.5 38.3#

87 0.0 11.7 17.5#



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



#47

Bromodichloromethane

Concen: 3.637 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. -0.04 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

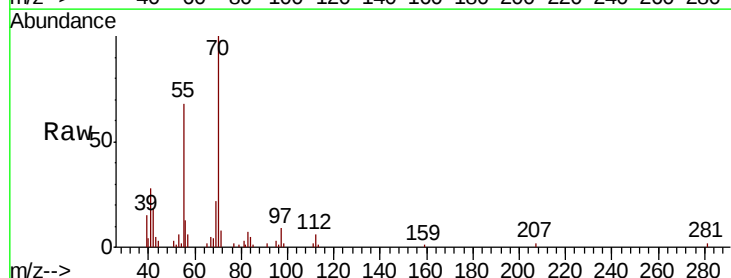
Tgt Ion: 83 Resp: 904

Ion Ratio Lower Upper

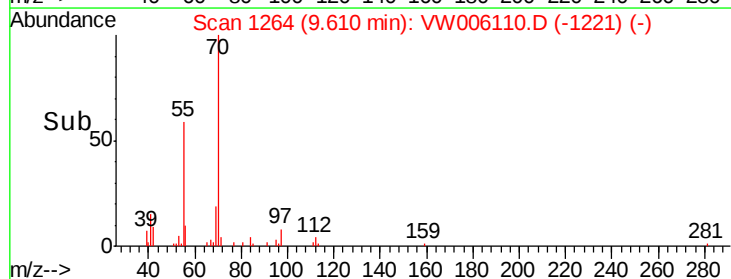
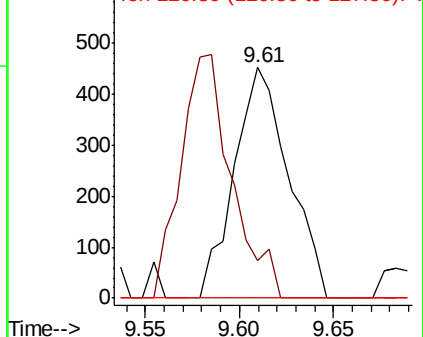
83 100

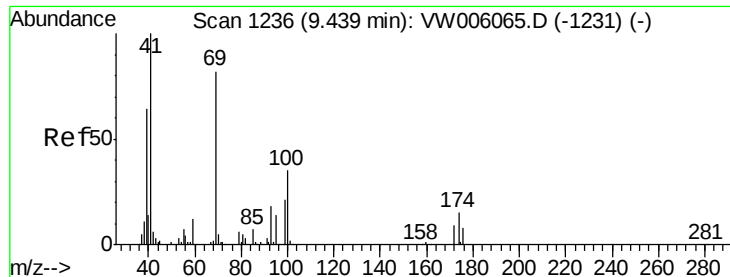
85 16.6 51.8 77.8#

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: 2.959 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

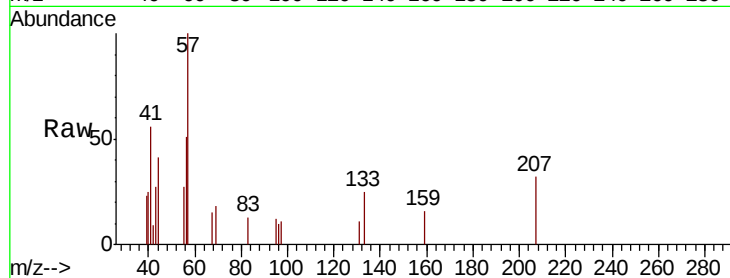
Tgt Ion: 41 Resp: 292

Ion Ratio Lower Upper

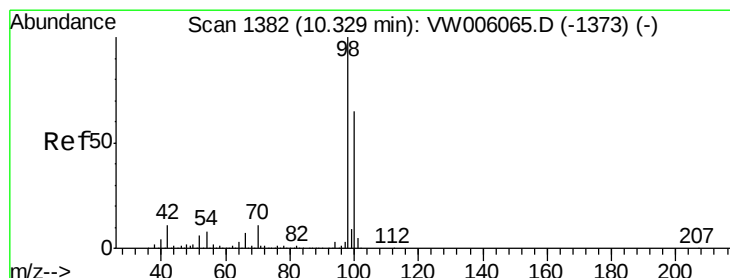
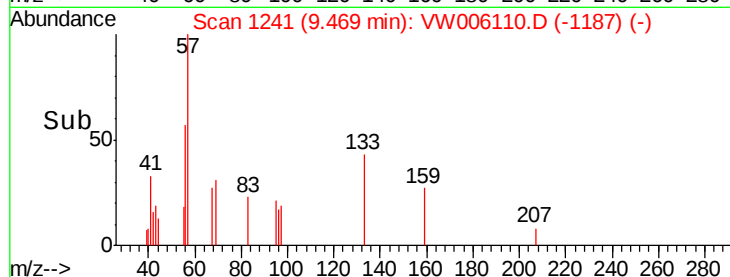
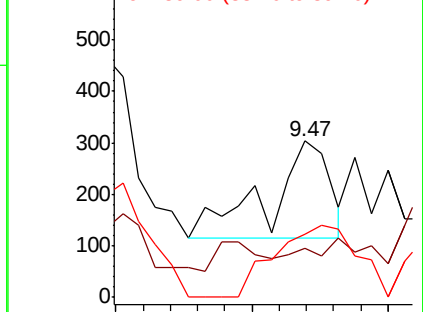
41 100

69 0.0 71.8 107.8#

39 100.0 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



#50

Toluene-d8

Concen: 47.898 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006110.D

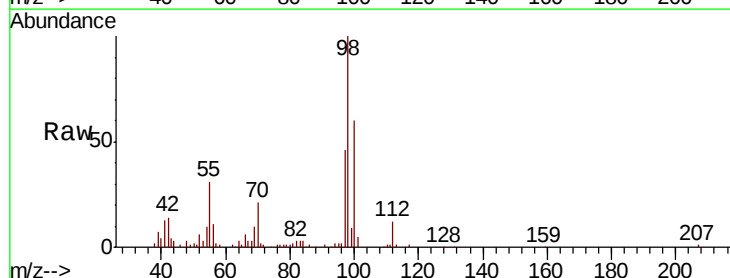
Acq: 17 Oct 2018 06:56

Tgt Ion: 98 Resp: 32017

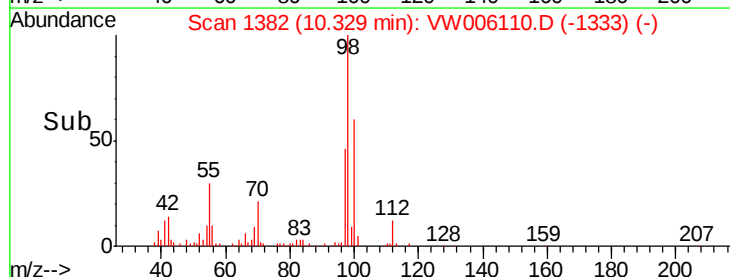
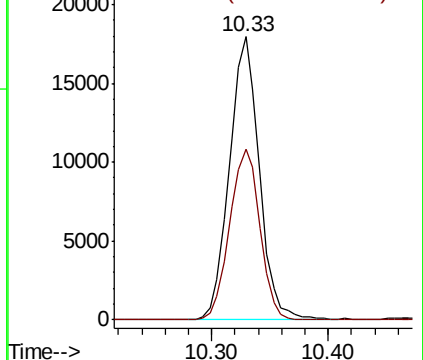
Ion Ratio Lower Upper

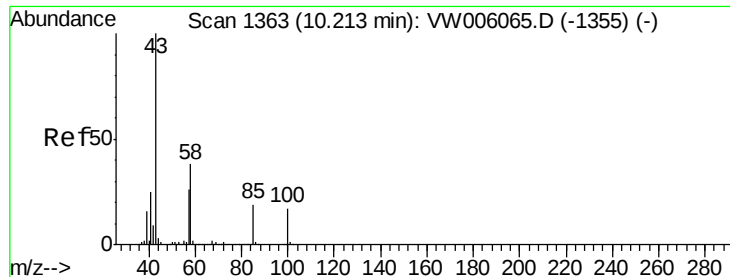
98 100

100 60.9 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: 5.023 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampled :

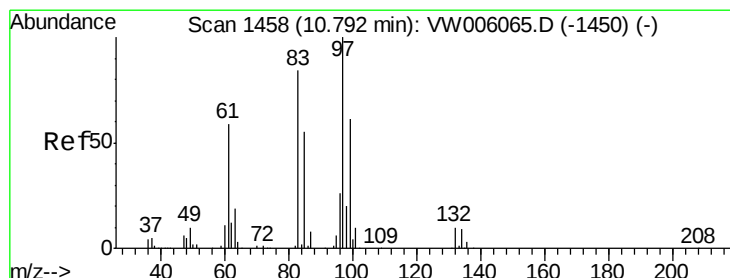
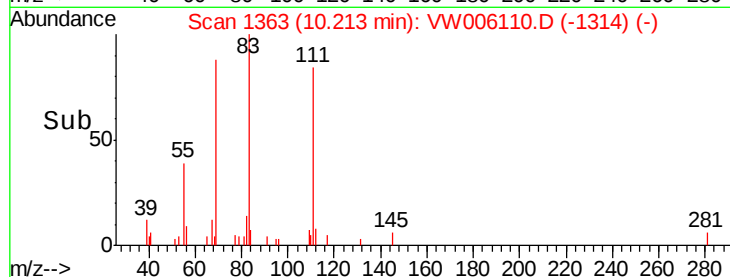
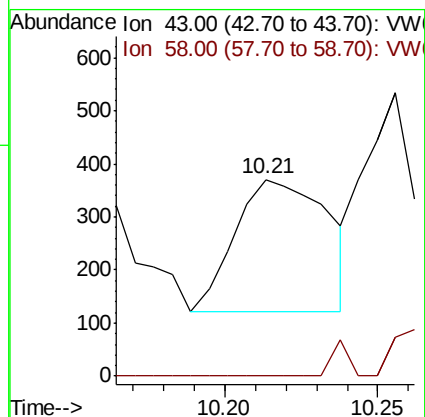
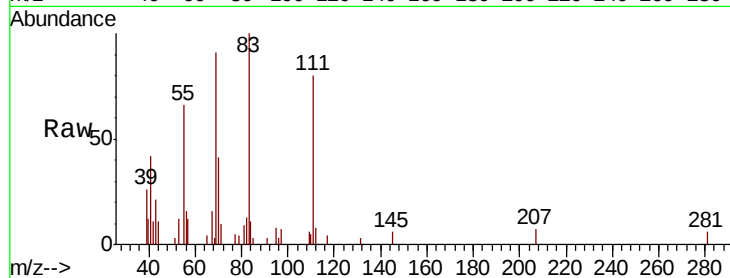
SB-10-5-7FT

Tgt Ion: 43 Resp: 524

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#



#55

1,1,2-Trichloroethane

Concen: 62.440 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Tgt Ion: 97 Resp: 8959

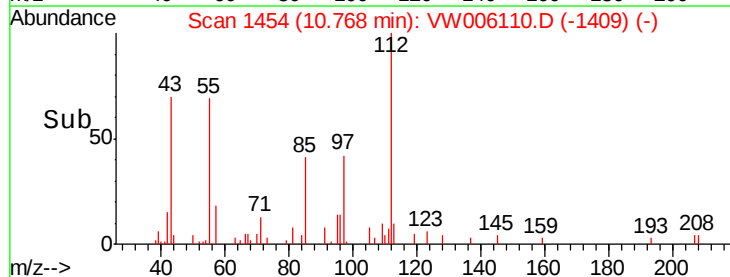
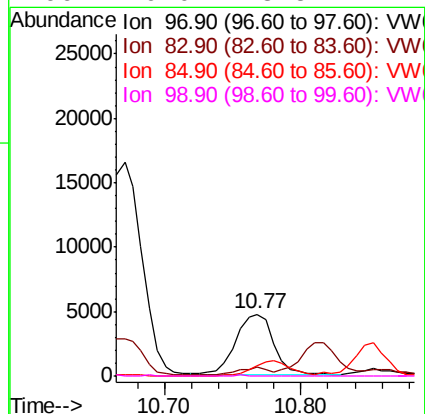
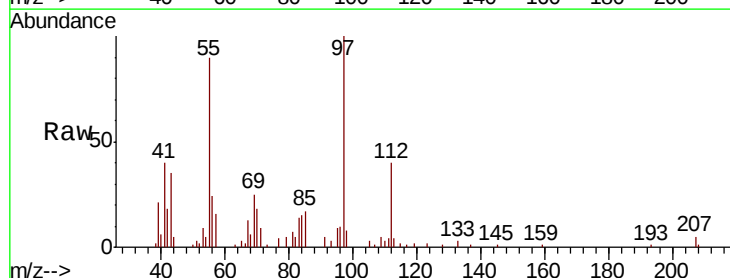
Ion Ratio Lower Upper

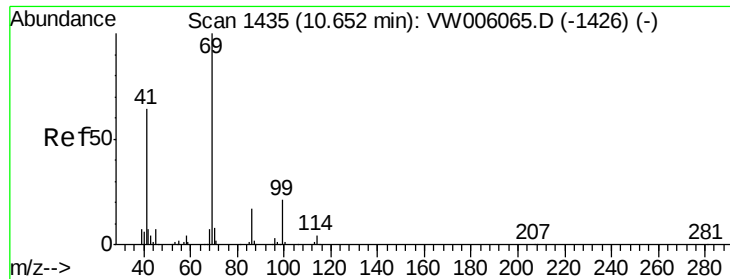
97 100

83 11.4 67.2 100.8#

85 16.0 43.7 65.5#

99 0.0 48.5 72.7#





#56

Ethyl methacrylate

Concen: 45.856 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.01 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampled :

SB-10-5-7FT

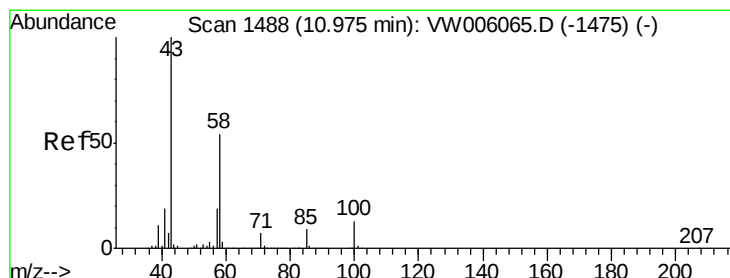
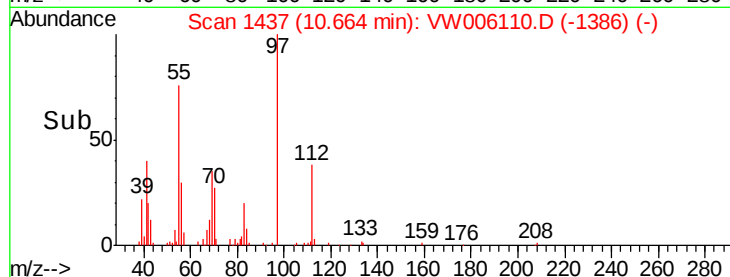
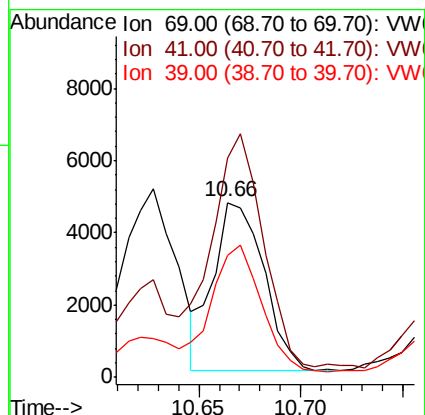
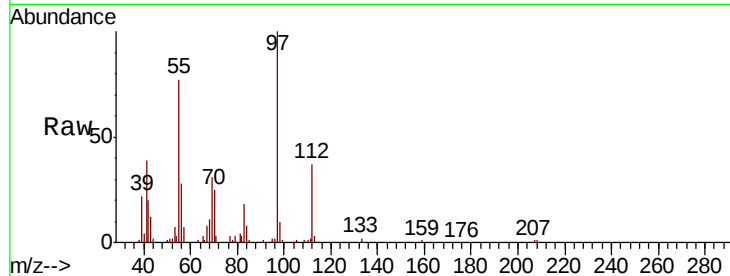
Tgt Ion: 69 Resp: 8066

Ion Ratio Lower Upper

69 100

41 140.7 52.8 79.2#

39 75.3 30.6 45.8#



#59

2-Hexanone

Concen: 310.193 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.04 min

Lab File: VW006110.D

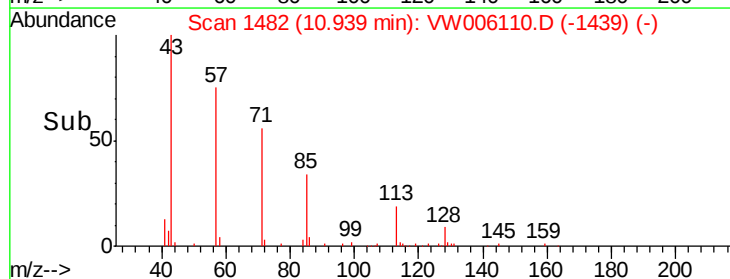
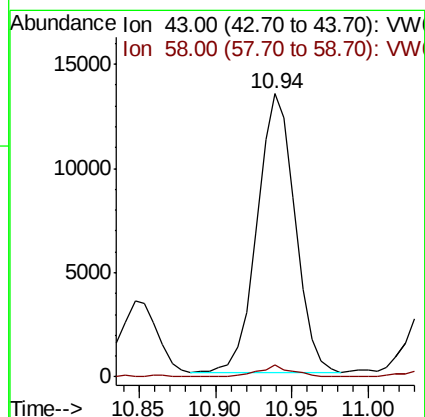
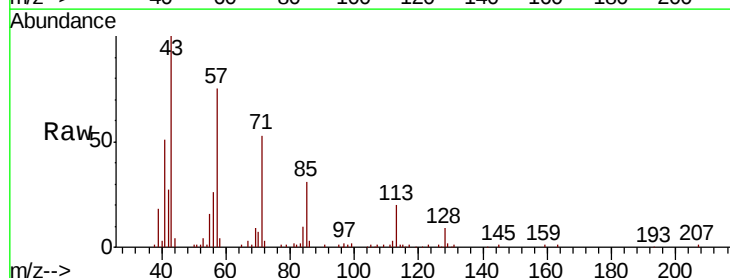
Acq: 17 Oct 2018 06:56

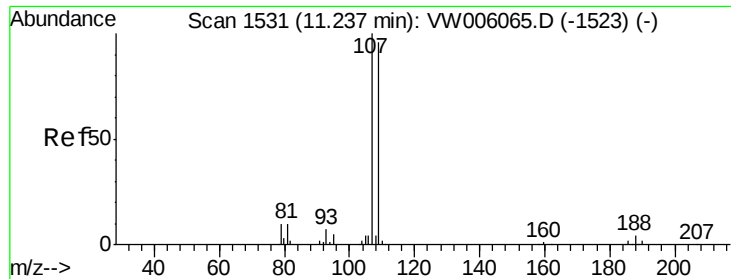
Tgt Ion: 43 Resp: 23098

Ion Ratio Lower Upper

43 100

58 3.7 26.9 80.6#





#61

1,2-Dibromoethane

Concen: 1.841 ug/l

RT: 11.24 min Scan# 1532

Delta R.T. 0.01 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

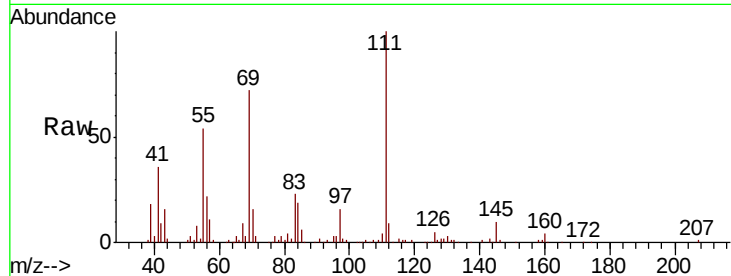
SB-10-5-7FT

Tgt Ion: 107 Resp: 264

Ion Ratio Lower Upper

107 100

109 0.0 76.3 114.5#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

800

600

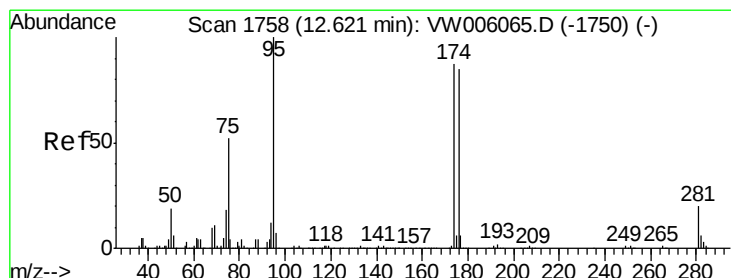
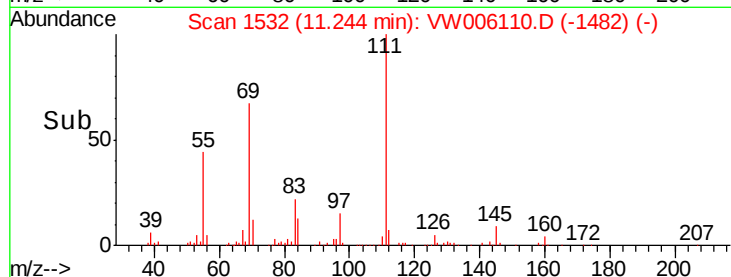
400

200

0

11.20 11.25

Time-->



#62

4-Bromofluorobenzene

Concen: 76.688 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

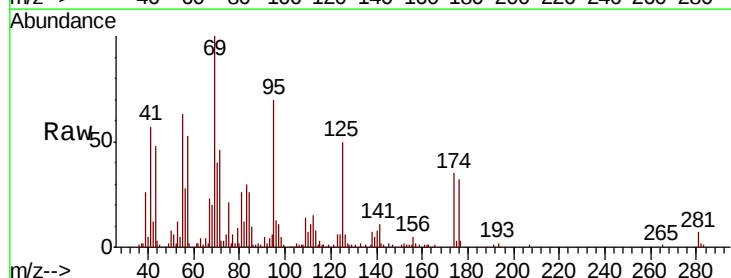
Tgt Ion: 95 Resp: 19253

Ion Ratio Lower Upper

95 100

174 45.8 0.0 186.0

176 48.9 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

15000

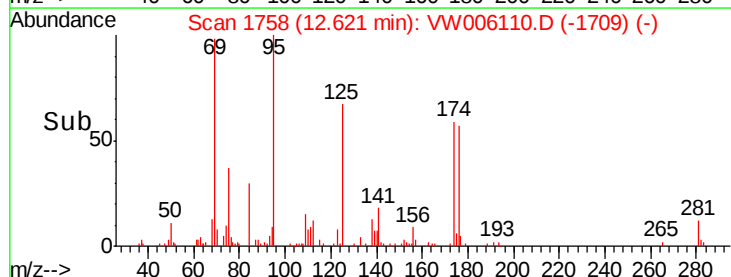
10000

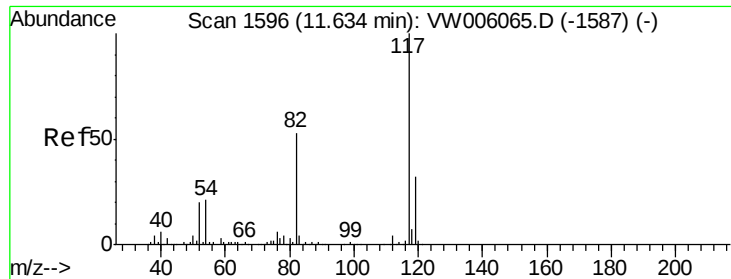
5000

0

12.60 12.65

Time-->

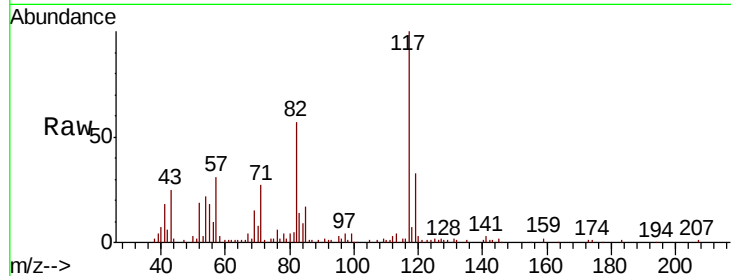




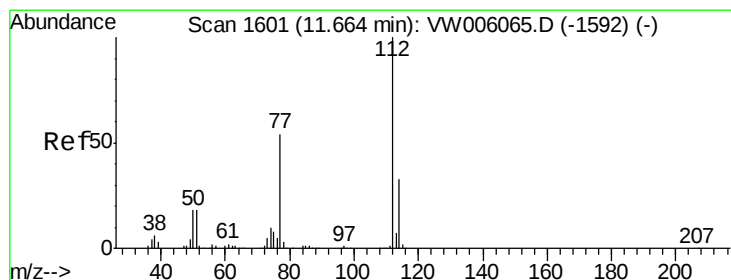
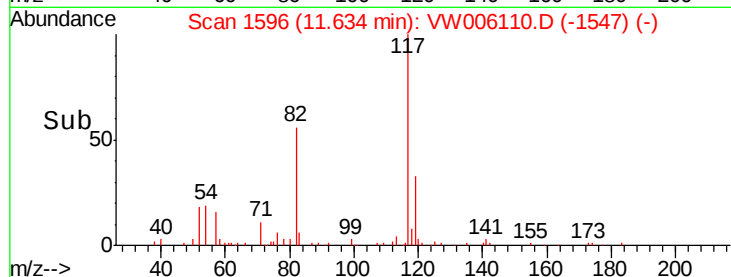
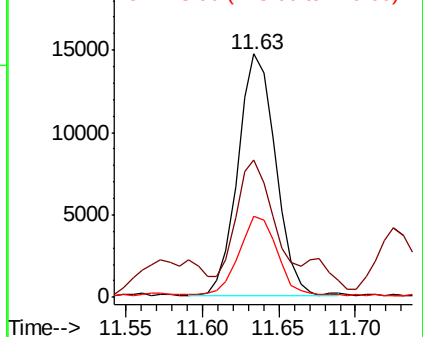
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tgt Ion:117 Resp: 25342
Ion Ratio Lower Upper
117 100
82 49.6 42.1 63.1
119 32.4 25.8 38.6

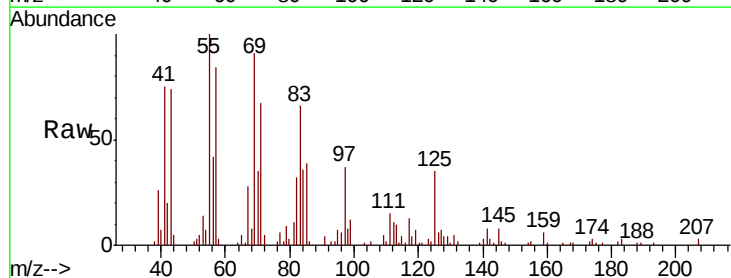


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

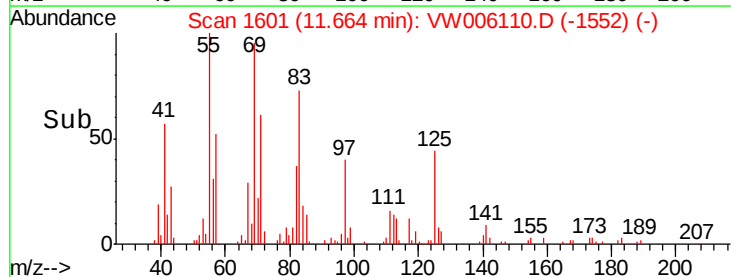
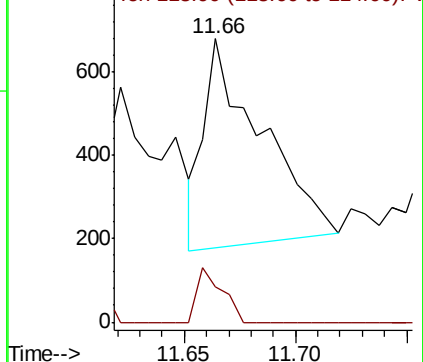


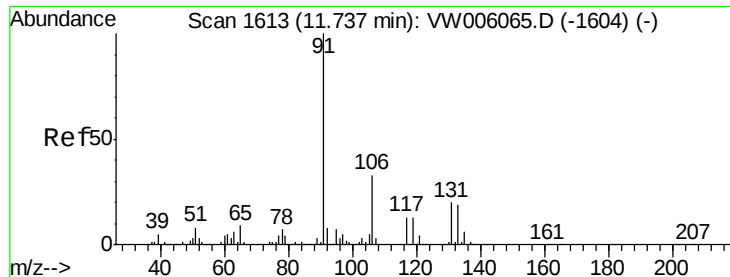
#65
Chlorobenzene
Concen: 1.653 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

Tgt Ion:112 Resp: 897
Ion Ratio Lower Upper
112 100
114 18.2 26.2 39.2#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

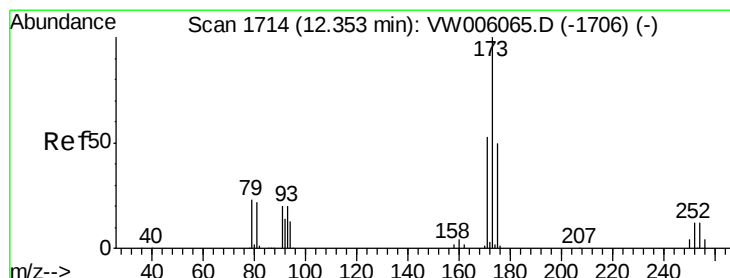
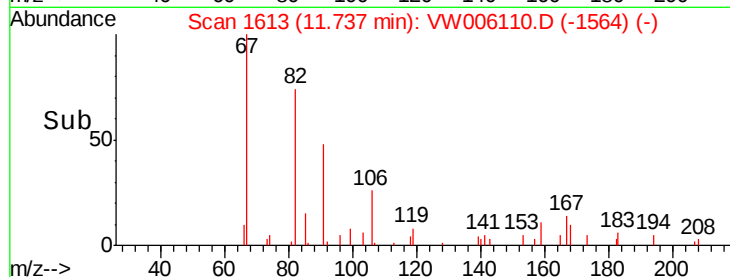
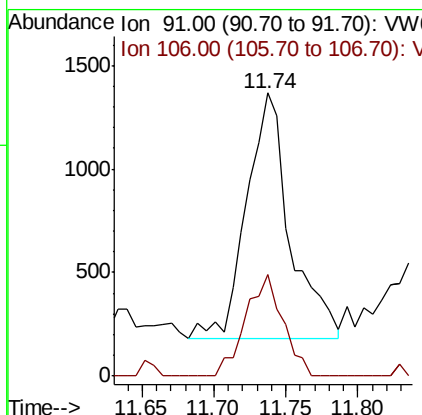
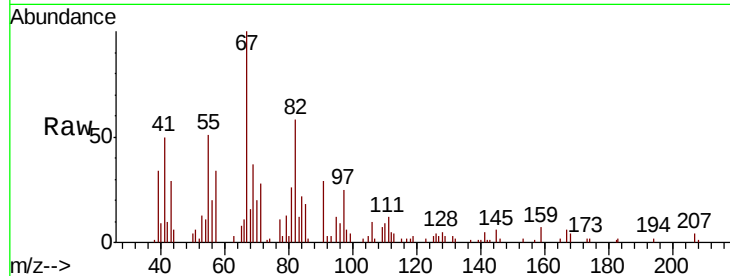




#67
Ethyl Benzene
Concen: 2.645 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

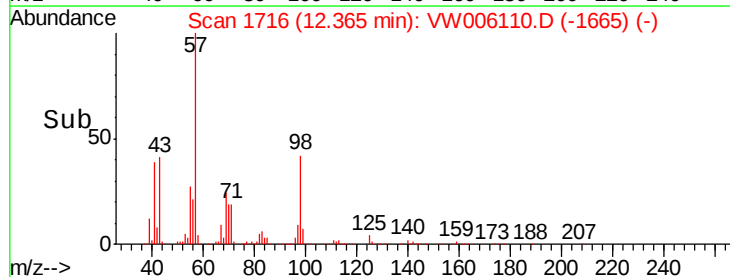
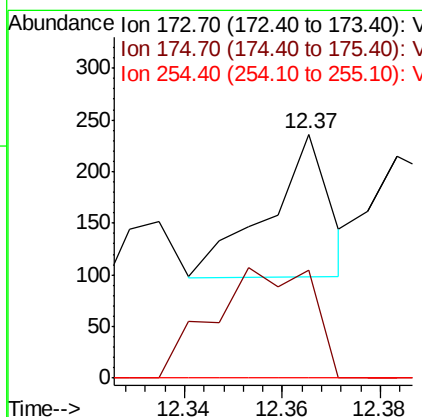
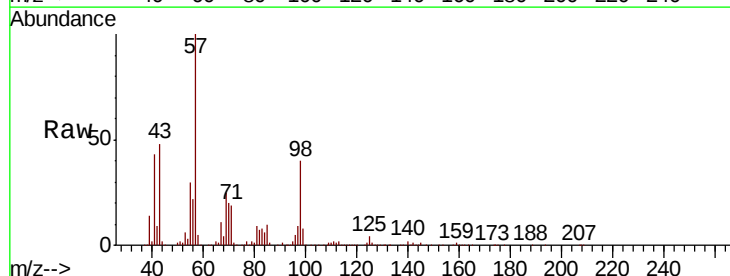
Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

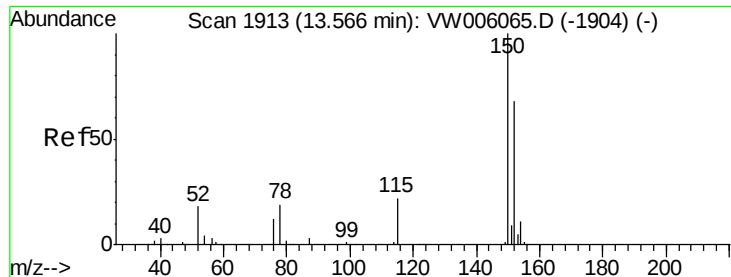
Tgt Ion: 91 Resp: 2487
Ion Ratio Lower Upper
91 100
106 41.1 26.1 39.1#



#71
Bromoform
Concen: 1.125 ug/l
RT: 12.37 min Scan# 1716
Delta R.T. 0.01 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

Tgt Ion: 173 Resp: 121
Ion Ratio Lower Upper
173 100
175 124.0 24.2 72.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

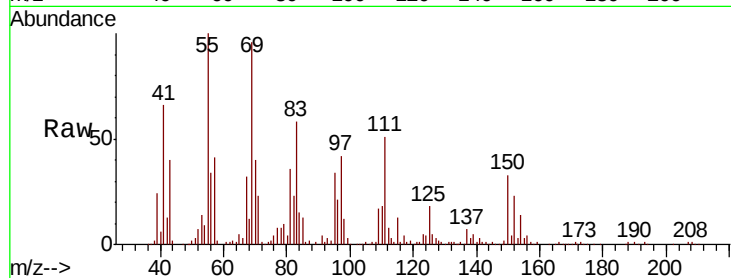
Tgt Ion:152 Resp: 18018

Ion Ratio Lower Upper

152 100

115 36.6 27.8 83.3

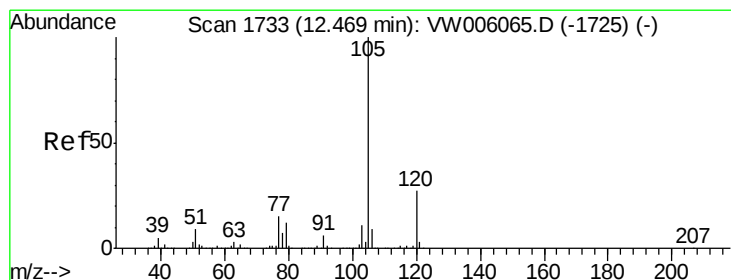
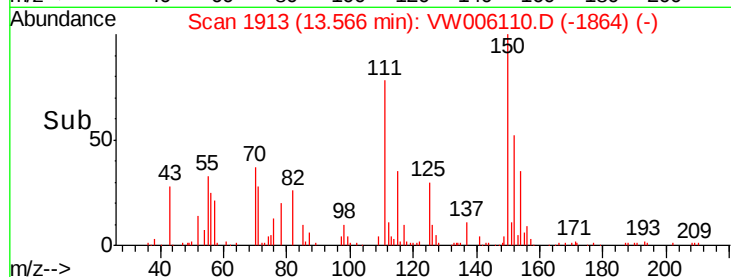
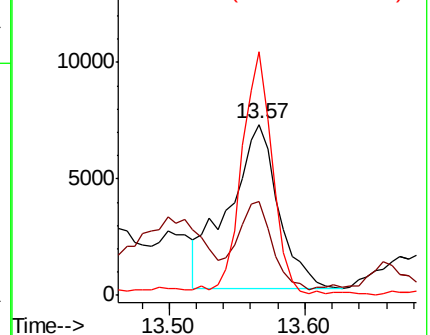
150 90.3 0.0 349.2



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: 2.625 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006110.D

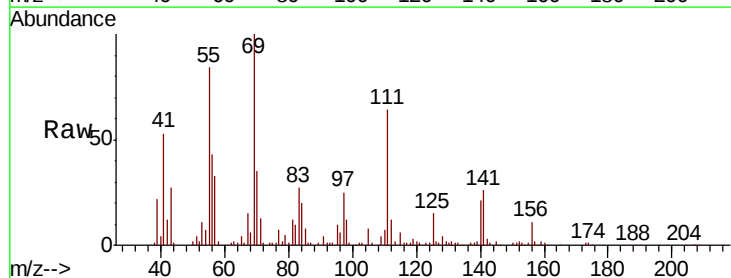
Acq: 17 Oct 2018 06:56

Tgt Ion:105 Resp: 3341

Ion Ratio Lower Upper

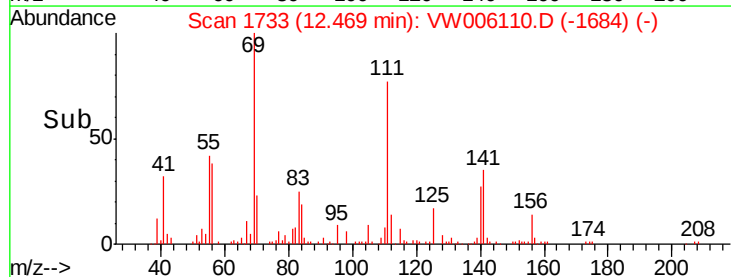
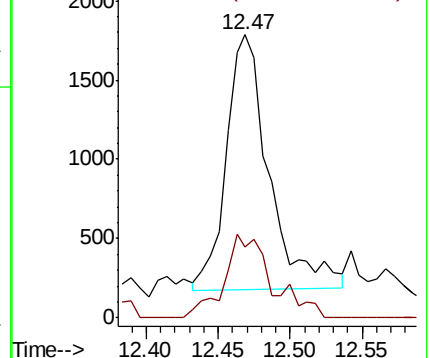
105 100

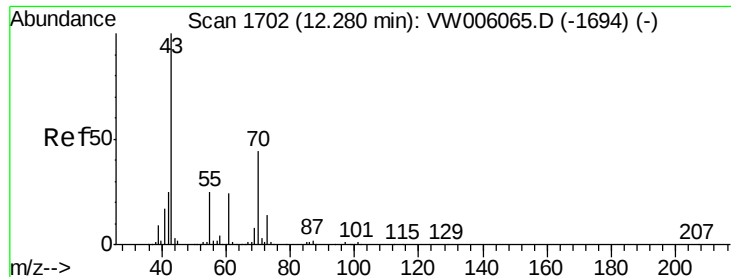
120 36.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

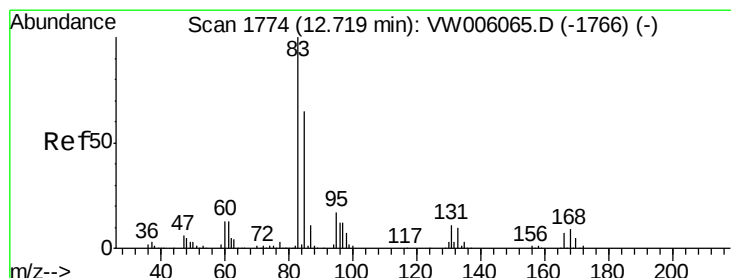
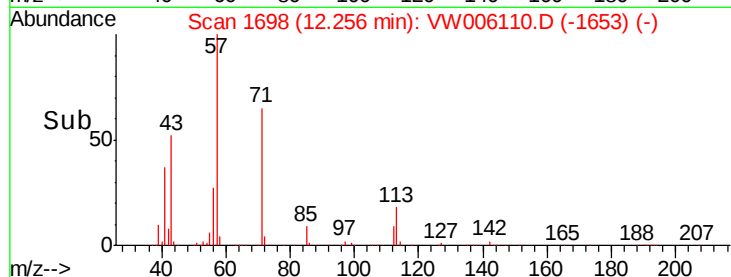
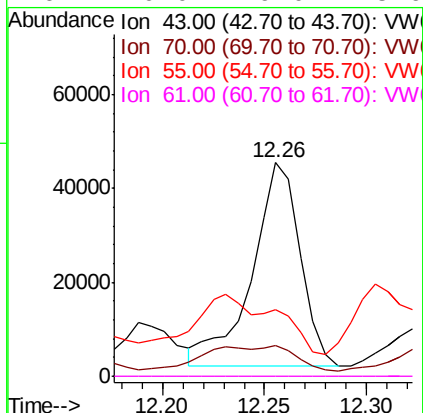
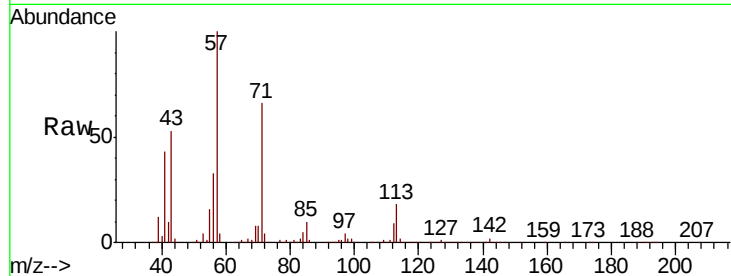




#74
N-ethyl acetate
Concen: 287.632 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

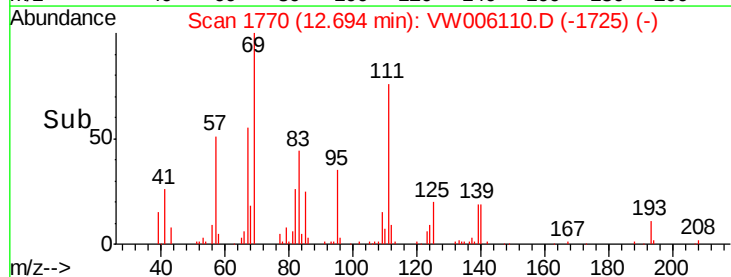
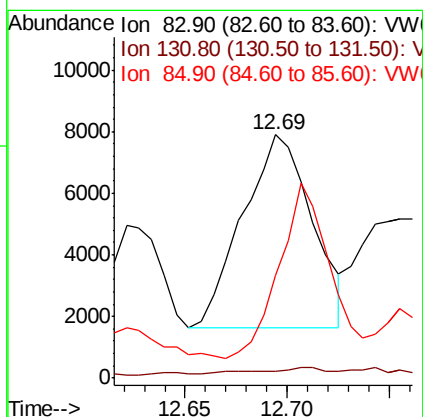
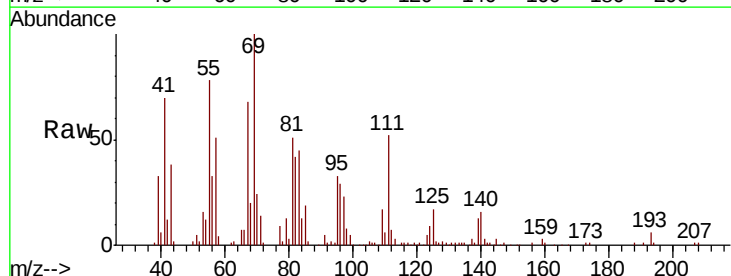
Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

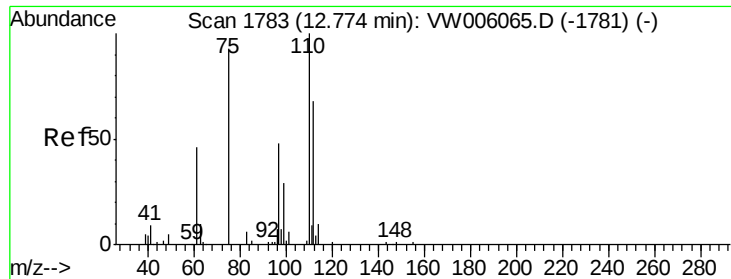
Tgt Ion: 43 Resp: 71113
Ion Ratio Lower Upper
43 100
70 0.0 34.2 51.4#
55 0.0 19.2 28.8#
61 0.0 19.0 28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 77.307 ug/l
RT: 12.69 min Scan# 1770
Delta R.T. -0.02 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

Tgt Ion: 83 Resp: 14967
Ion Ratio Lower Upper
83 100
131 2.9 5.9 17.7#
85 65.0 31.9 95.9





#76

1,2,3-Trichloropropane

Concen: 38.511 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

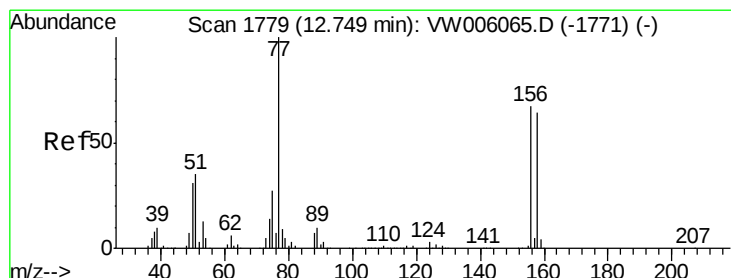
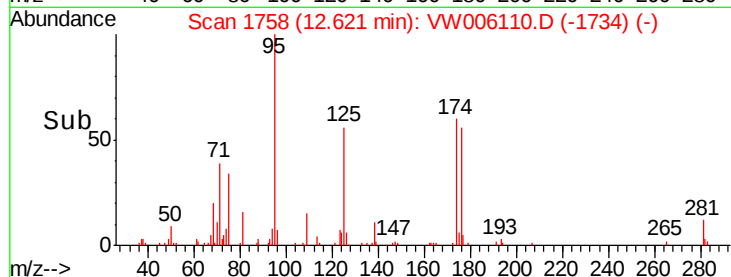
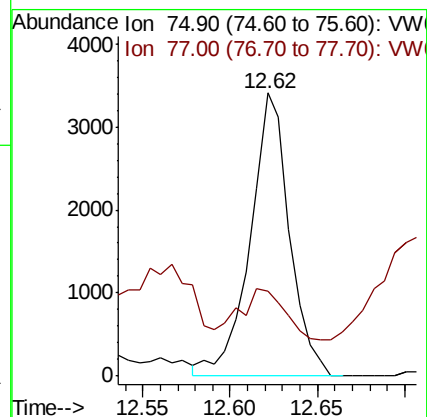
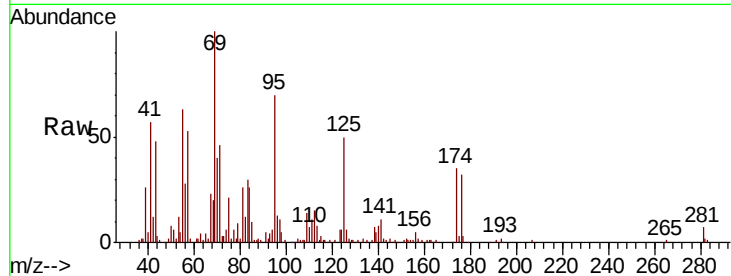
SB-10-5-7FT

Tgt Ion: 75 Resp: 5300

Ion Ratio Lower Upper

75 100

77 20.5 0.0 0.0#



#77

Bromobenzene

Concen: 398.936 ug/l

RT: 12.93 min Scan# 1809

Delta R.T. 0.18 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

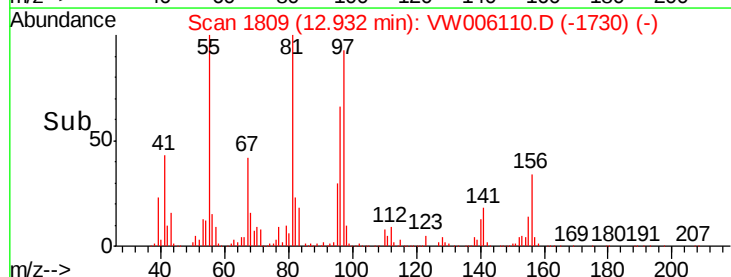
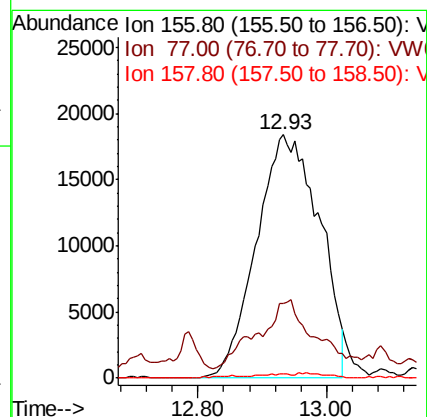
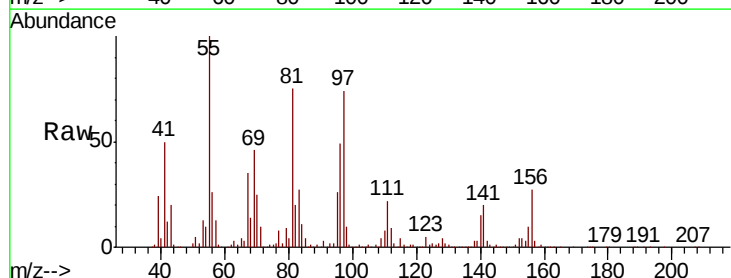
Tgt Ion: 156 Resp: 124380

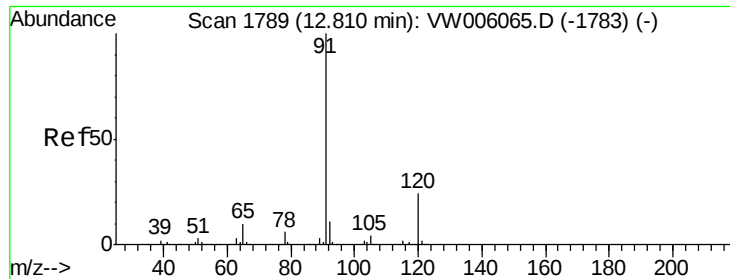
Ion Ratio Lower Upper

156 100

77 0.0 79.1 237.4#

158 0.5 48.5 145.6#

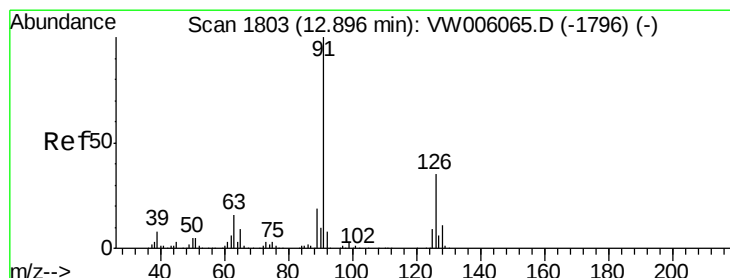
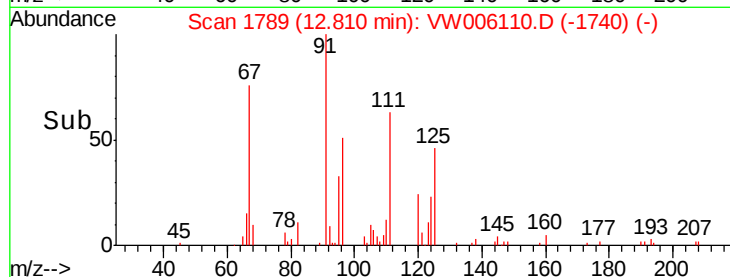
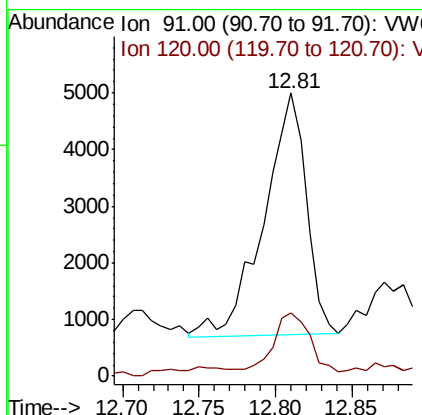
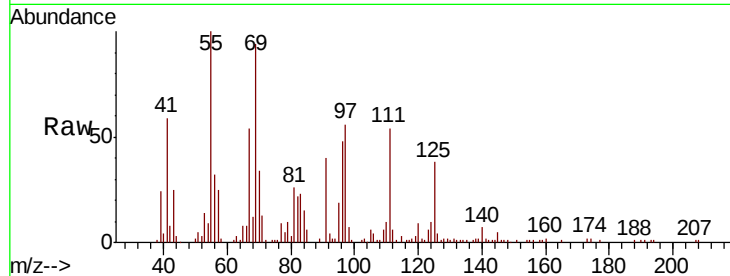




#78
n-propylbenzene
Concen: 5.594 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

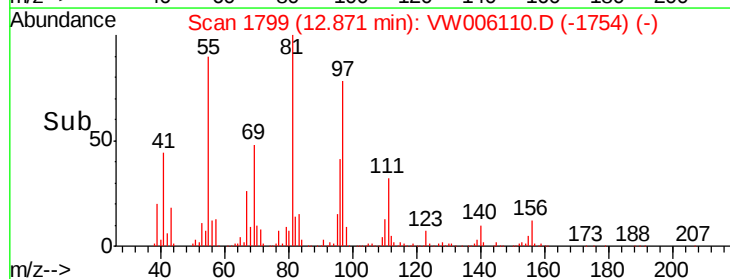
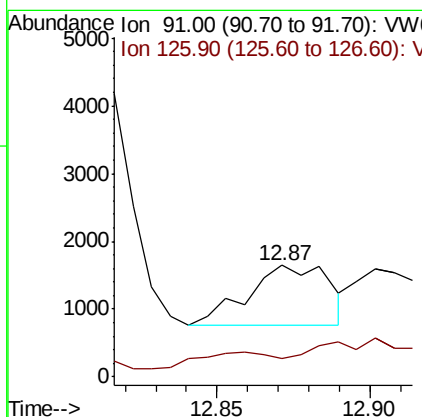
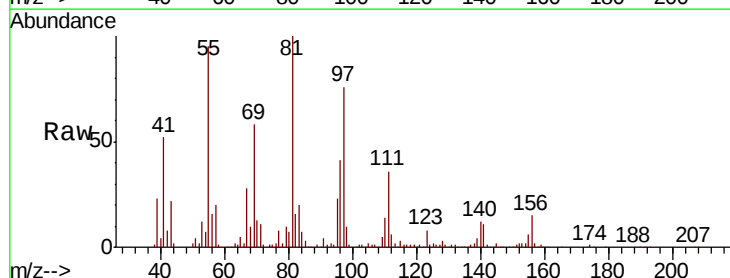
Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

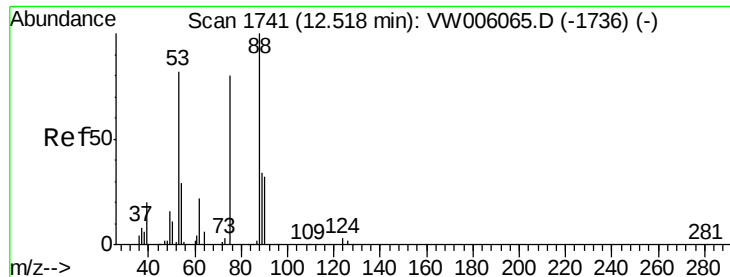
Tgt Ion: 91 Resp: 8285
Ion Ratio Lower Upper
91 100
120 19.2 12.2 36.6



#79
2-Chlorotoluene
Concen: 1.984 ug/l
RT: 12.87 min Scan# 1799
Delta R.T. -0.02 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

Tgt Ion: 91 Resp: 1651
Ion Ratio Lower Upper
91 100
126 24.7 17.9 53.8





#81

trans-1,4-Dichloro-2-butene

Concen: 8.824 ug/l

RT: 12.45 min Scan# 1730

Delta R.T. -0.07 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampled :

SB-10-5-7FT

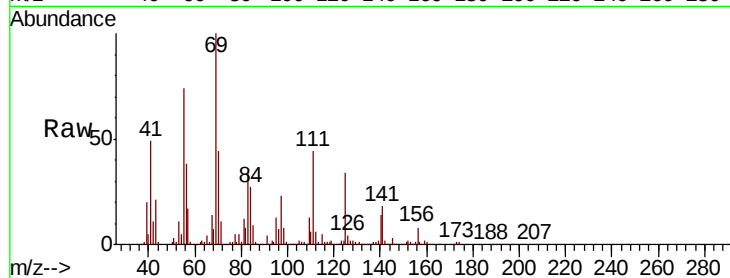
Tgt Ion: 75 Resp: 508

Ion Ratio Lower Upper

75 100

53 490.7 79.8 119.6#

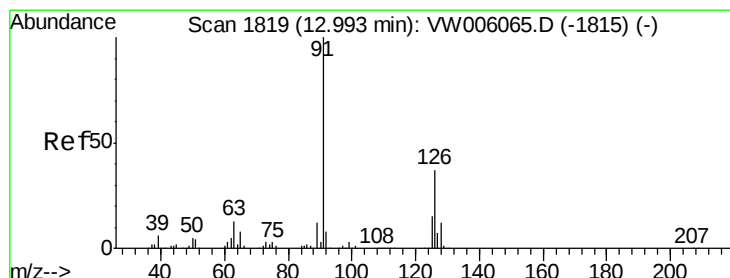
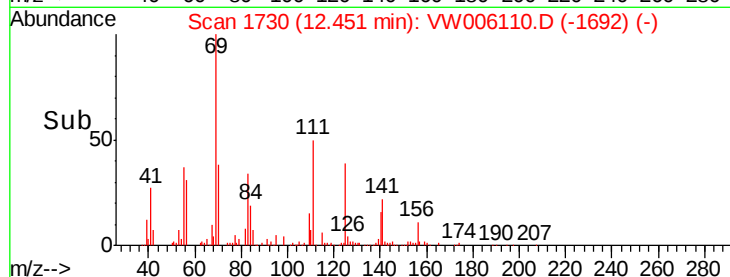
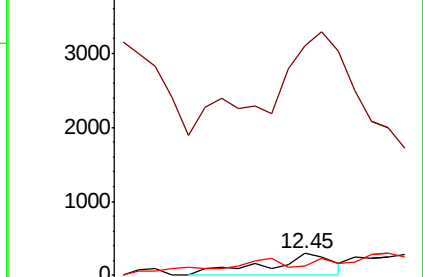
89 22.0 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 1.894 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.12 min

Lab File: VW006110.D

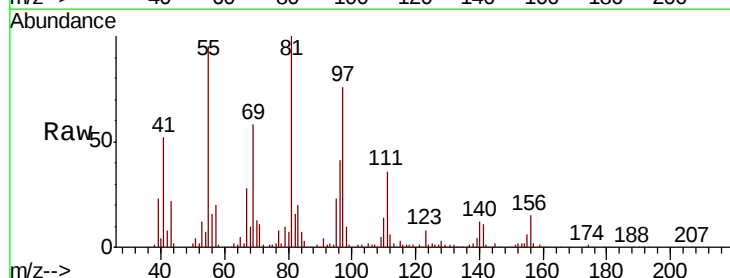
Acq: 17 Oct 2018 06:56

Tgt Ion: 91 Resp: 1651

Ion Ratio Lower Upper

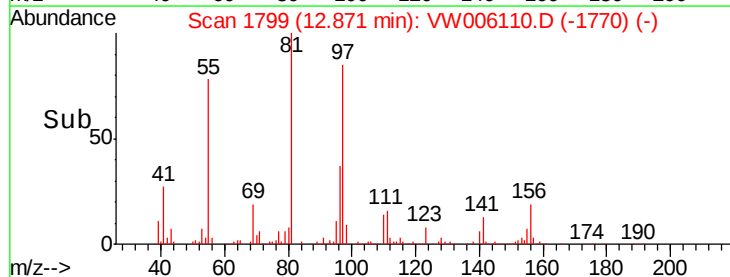
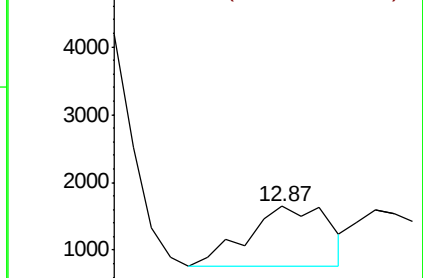
91 100

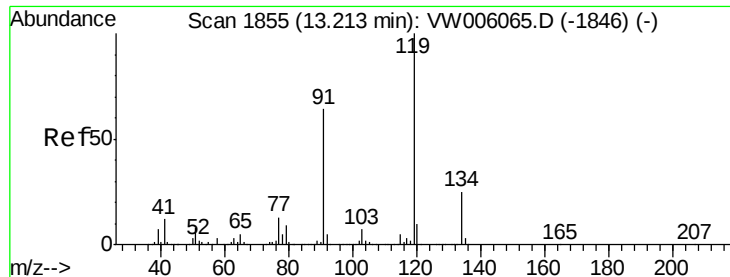
126 24.7 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 6.276 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

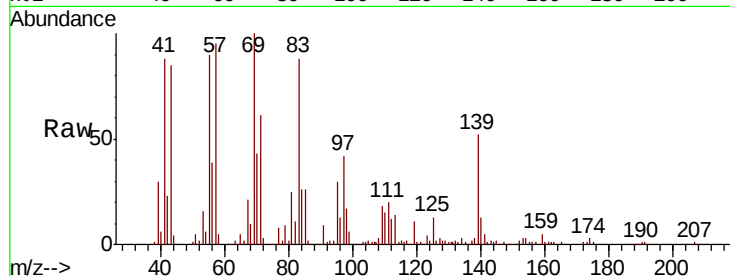
Tgt Ion:119 Resp: 6026

Ion Ratio Lower Upper

119 100

91 44.3 32.3 96.9

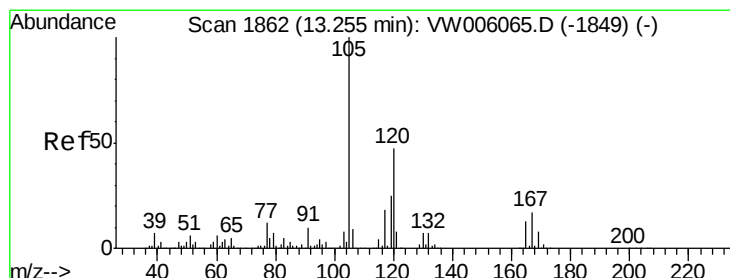
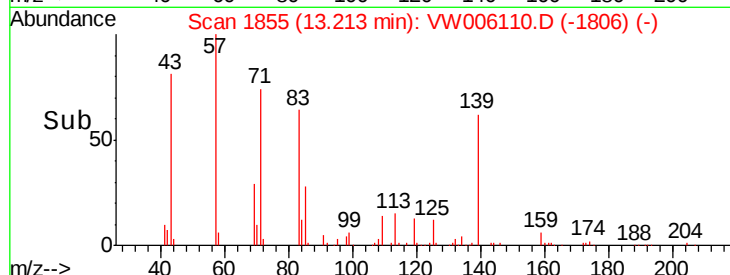
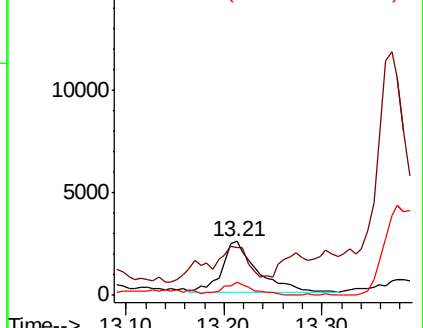
134 22.7 13.6 40.8



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: 22.891 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.13 min

Lab File: VW006110.D

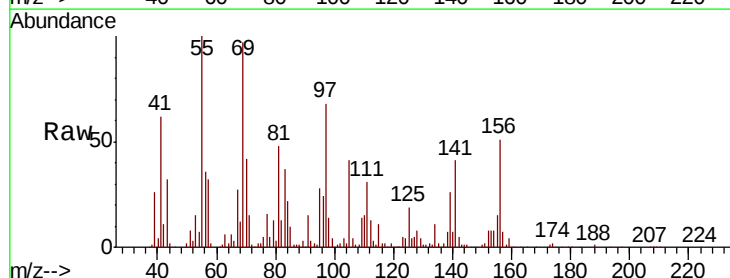
Acq: 17 Oct 2018 06:56

Tgt Ion:105 Resp: 24857

Ion Ratio Lower Upper

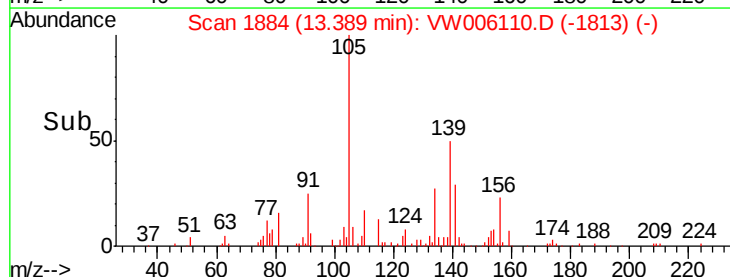
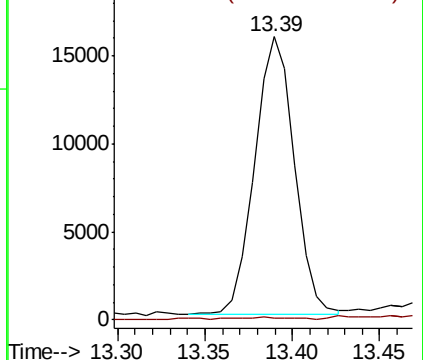
105 100

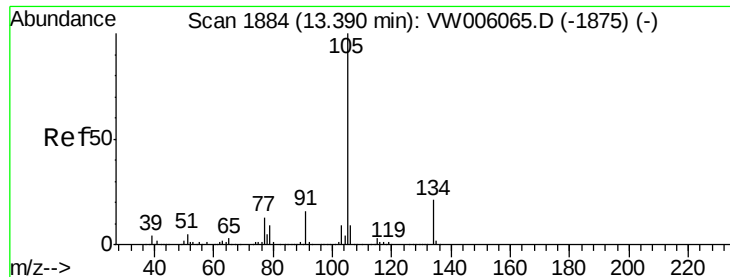
120 0.9 23.1 69.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.356 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

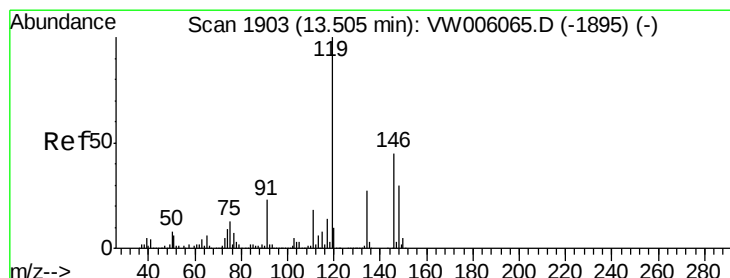
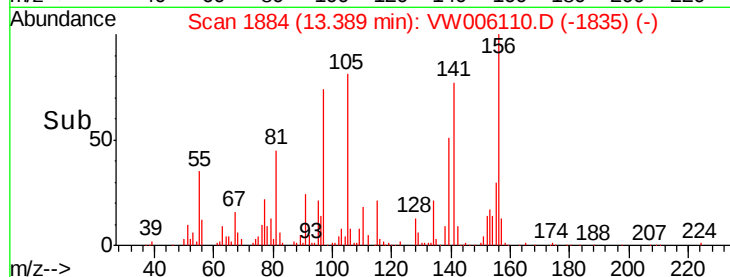
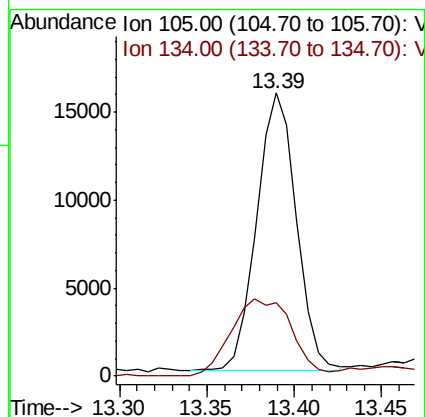
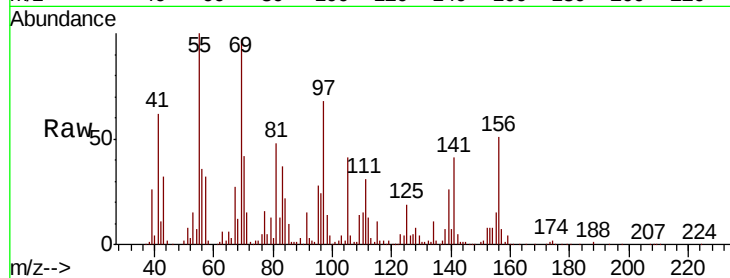
SB-10-5-7FT

Tgt Ion:105 Resp: 24898

Ion Ratio Lower Upper

105 100

134 42.8 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 1.560 ug/l

RT: 13.54 min Scan# 1908

Delta R.T. 0.03 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

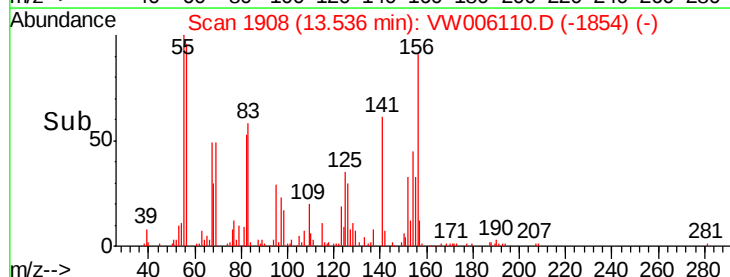
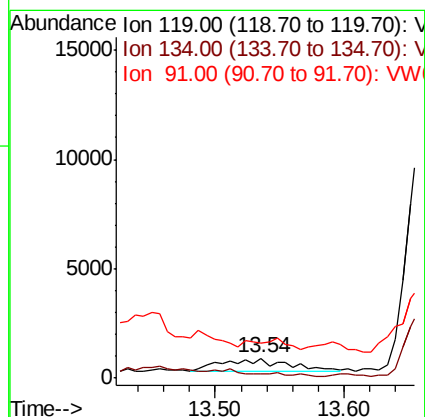
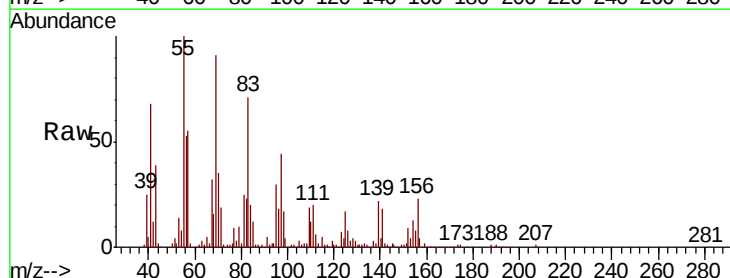
Tgt Ion:119 Resp: 1914

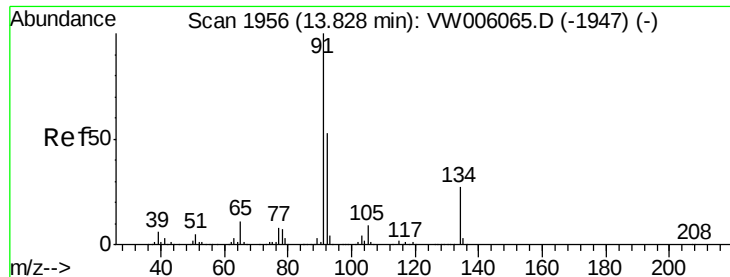
Ion Ratio Lower Upper

119 100

134 0.0 13.4 40.2#

91 0.0 11.4 34.1#





#89

n-Butylbenzene

Concen: 12.864 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

SB-10-5-7FT

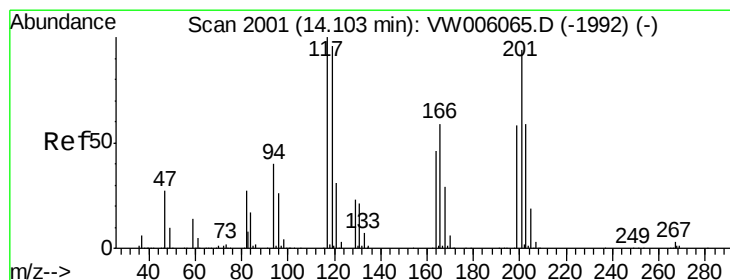
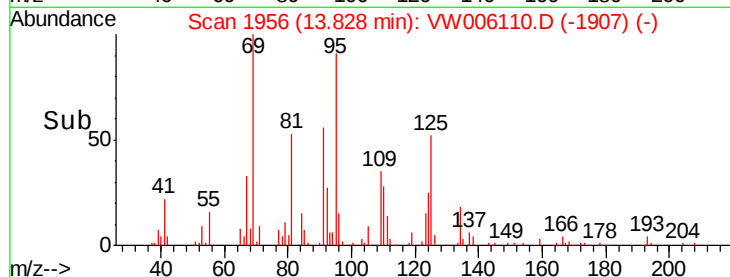
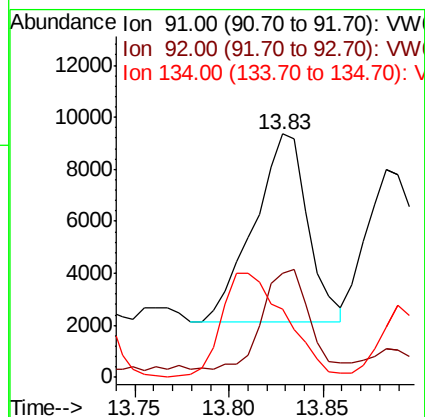
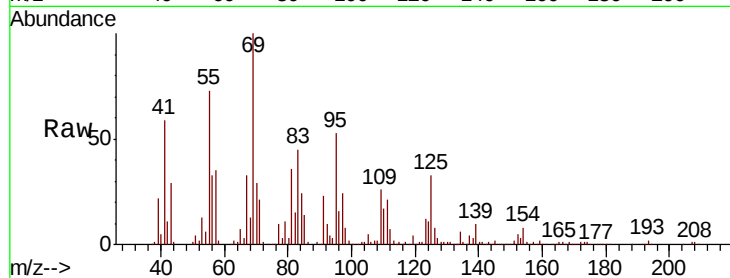
Tgt Ion: 91 Resp: 14433

Ion Ratio Lower Upper

91 100

92 44.2 26.6 79.7

134 0.0 14.0 41.9#



#90

Hexachloroethane

Concen: 15.255 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW006110.D

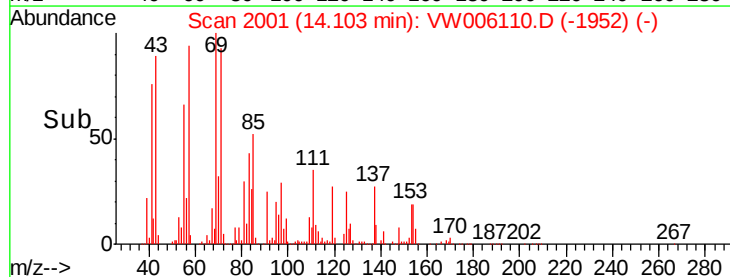
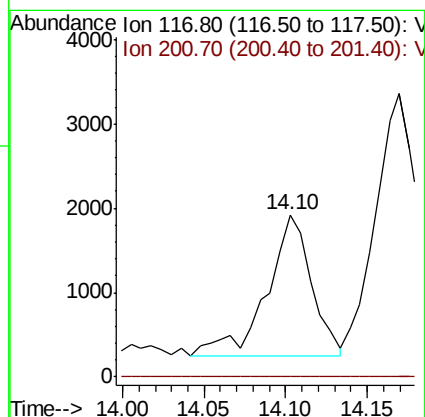
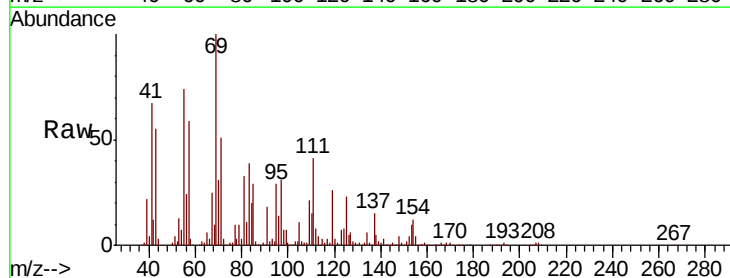
Acq: 17 Oct 2018 06:56

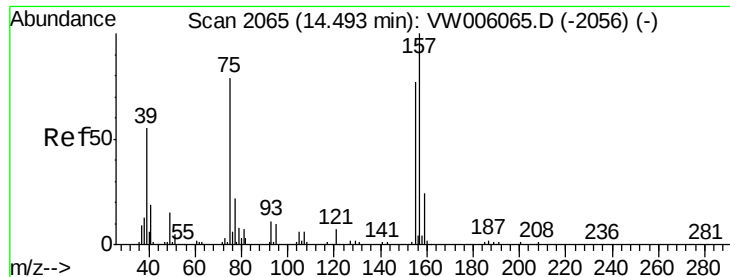
Tgt Ion: 117 Resp: 3170

Ion Ratio Lower Upper

117 100

201 0.0 45.3 135.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 13.155 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

Instrument :

MSVOA_W

ClientSampled :

SB-10-5-7FT

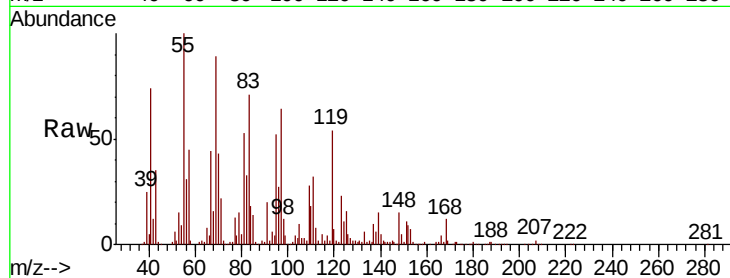
Tgt Ion: 75 Resp: 456

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.5#

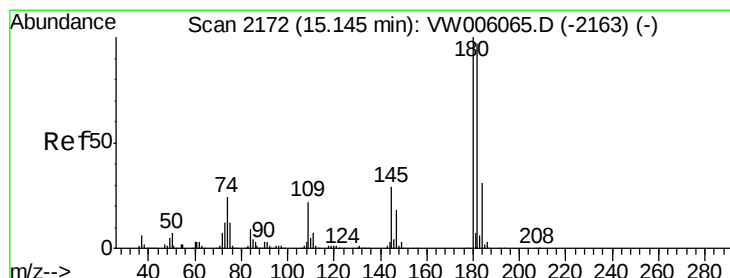
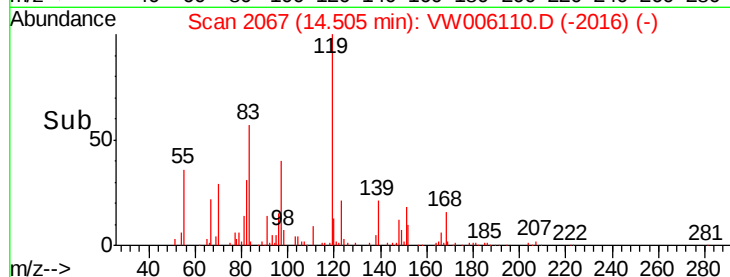
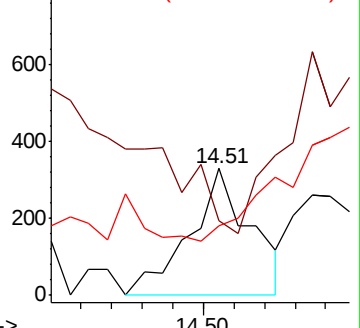
157 0.0 59.8 179.4#



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: 4.572 ug/l

RT: 15.15 min Scan# 2173

Delta R.T. 0.01 min

Lab File: VW006110.D

Acq: 17 Oct 2018 06:56

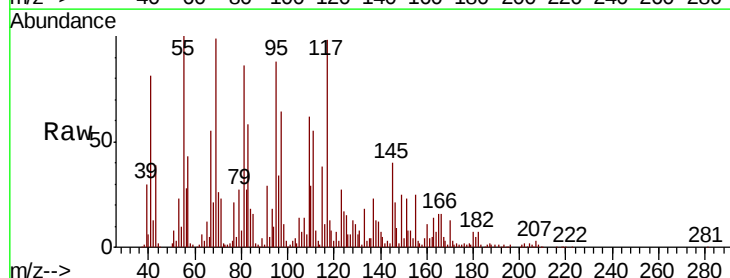
Tgt Ion: 180 Resp: 1947

Ion Ratio Lower Upper

180 100

182 228.8 47.9 143.6#

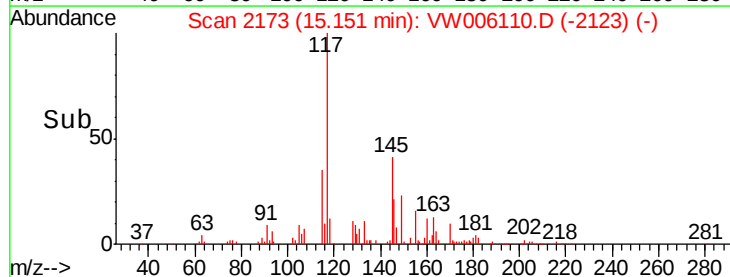
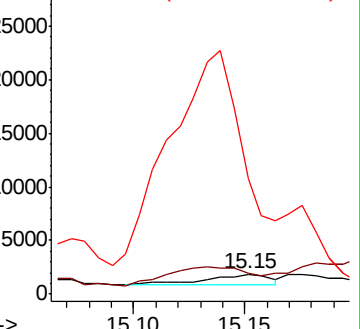
145 2353.6 14.2 42.8#

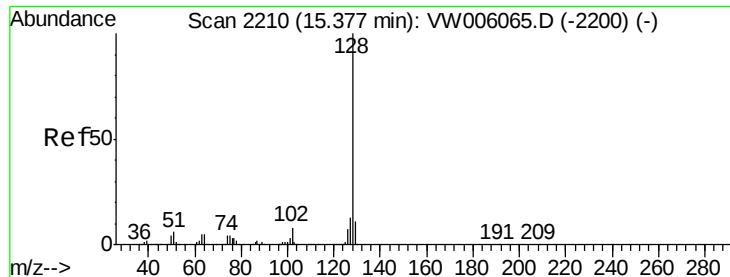


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

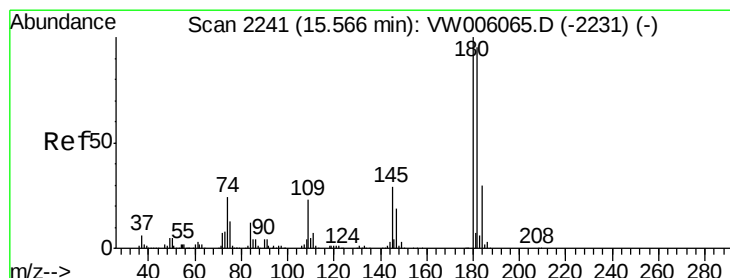
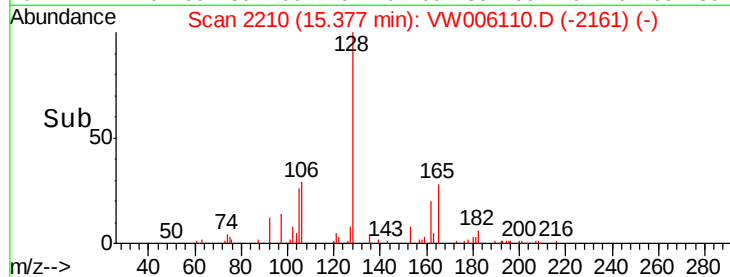
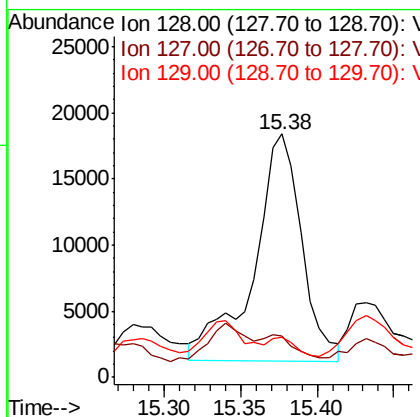
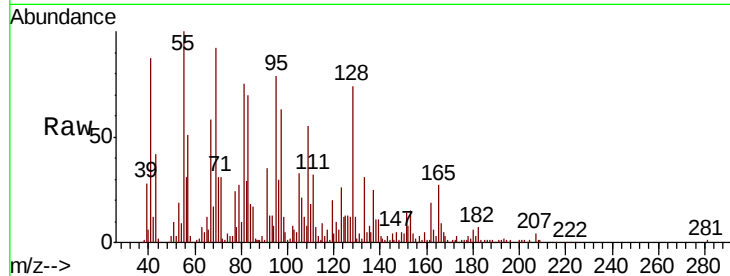




#95
Naphthalene
Concen: 52.866 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

Instrument :
MSVOA_W
ClientSampleId :
SB-10-5-7FT

Tgt Ion:128 Resp: 37452
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 7.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 11.655 ug/l
RT: 15.59 min Scan# 2245
Delta R.T. 0.02 min
Lab File: VW006110.D
Acq: 17 Oct 2018 06:56

Tgt Ion:180 Resp: 4293
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 15.0 45.1#

