

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006232.D
 Acq On : 19 Oct 2018 18:21
 Operator : VA/AP
 Sample : J5605-01RE
 Misc : 5.18G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-ARE

Quant Time: Oct 20 01:20:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	161726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	127111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	45684	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	47530	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
35) Dibromofluoromethane	7.89	113	44373	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
50) Toluene-d8	10.33	98	154450	42.48	ug/l	0.00
Spiked Amount			Recovery	=	84.96%	
62) 4-Bromofluorobenzene	12.62	95	45380	33.23	ug/l	0.00
Spiked Amount			Recovery	=	66.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	723	1.416	ug/l #	7
13) Acrolein	3.90	56	327	5.344	ug/l #	16
16) Acetone	4.14	43	18280	94.423	ug/l	98
18) Methyl Acetate	4.68	43	532	1.124	ug/l #	57
20) Methylene Chloride	4.91	84	3707	2.169	ug/l	98
25) 2-Butanone	7.19	43	6311	24.847	ug/l	93
29) Tetrahydrofuran	7.54	42	258	1.653	ug/l #	31
31) Cyclohexane	7.96	56	9663	5.617	ug/l #	71
36) 1,1-Dichloropropene	7.95	75	7680	5.152	ug/l #	48
37) Ethyl Acetate	7.19	43	6311	11.395	ug/l #	67
38) Carbon Tetrachloride	7.95	117	10379	6.351	ug/l #	16
39) Methylcyclohexane	9.34	83	16956	8.557	ug/l	96
48) Methyl methacrylate	9.52	41	1343	2.502	ug/l #	75
52) Toluene	10.40	92	3313	1.209	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	4042	5.179	ug/l #	21
56) Ethyl methacrylate	10.67	69	1252	1.309	ug/l #	13
68) m/p-Xylenes	11.85	106	15773	8.462	ug/l	99
73) Isopropylbenzene	12.47	105	11867	3.677	ug/l	99
74) N-amyl acetate	12.26	43	1419	2.264	ug/l #	63
76) 1,2,3-Trichloropropane	12.62	75	22694	65.038	ug/l #	100
78) n-propylbenzene	12.81	91	25186	6.708	ug/l	100
79) 2-Chlorotoluene	12.90	91	2232	1.058	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.95	105	45140	16.591	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	22694	155.466	ug/l #	10
82) 4-Chlorotoluene	12.95	91	5272	2.386	ug/l #	39
83) tert-Butylbenzene	13.26	119	13874	5.699	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.26	105	107667	39.106	ug/l	99
85) sec-Butylbenzene	13.39	105	4592	1.335	ug/l #	58
86) p-Isopropyltoluene	13.51	119	5220	1.678	ug/l	93
90) Hexachloroethane	14.10	117	1788	3.394	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.46	75	138	1.570	ug/l #	1
95) Naphthalene	15.38	128	2258	1.257	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

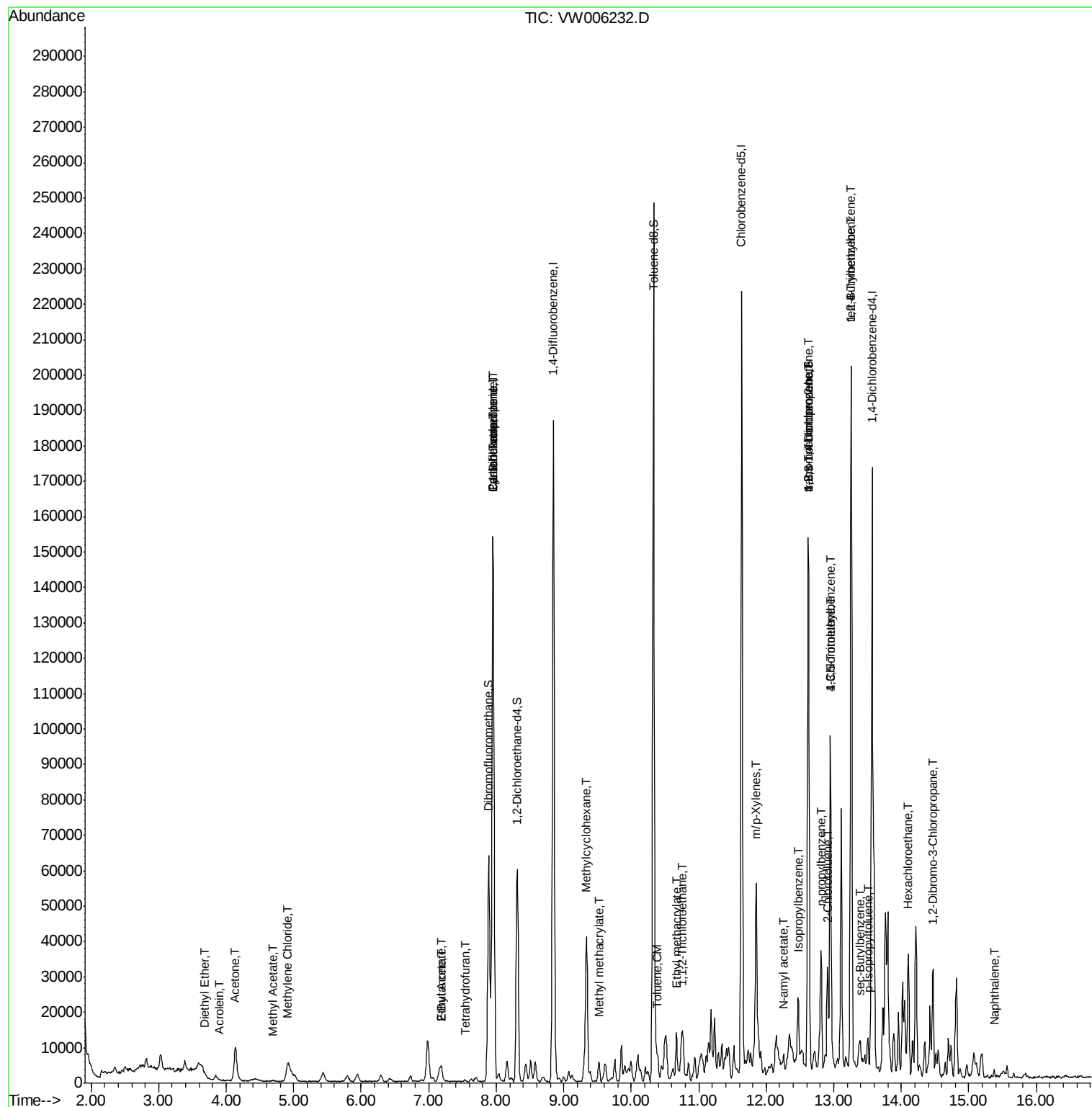
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

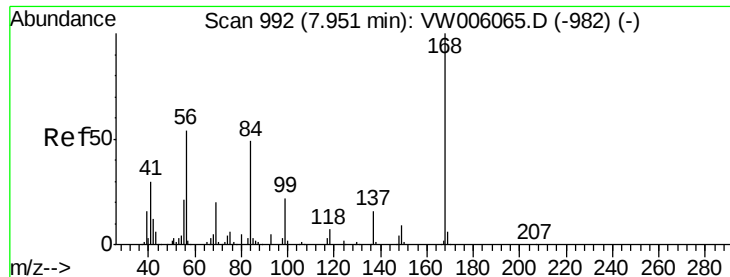
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006232.D
Acq On : 19 Oct 2018 18:21
Operator : VA/AP
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Misc : 5.18G/5ML/MSVOA W/SOIL
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampled :

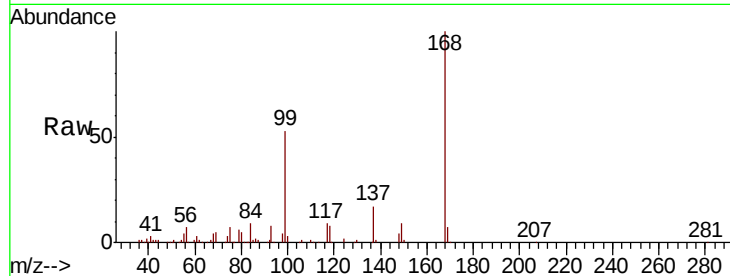
TP-ARE

Tot Ion:168 Resp: 113406

Ion Ratio Lower Upper

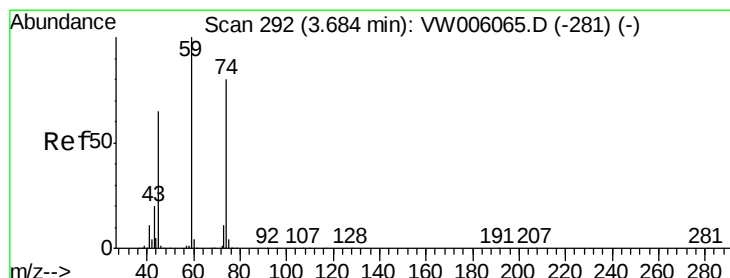
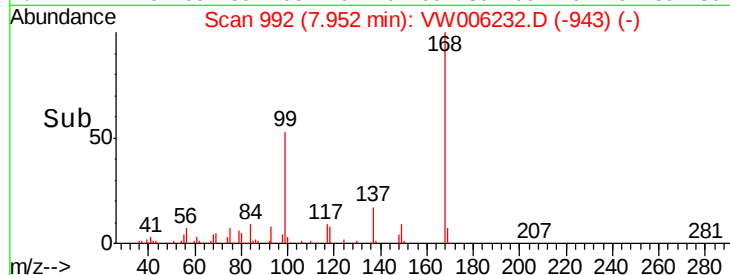
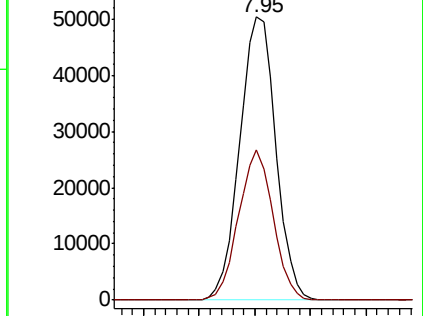
168 100

99 52.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.416 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW006232.D

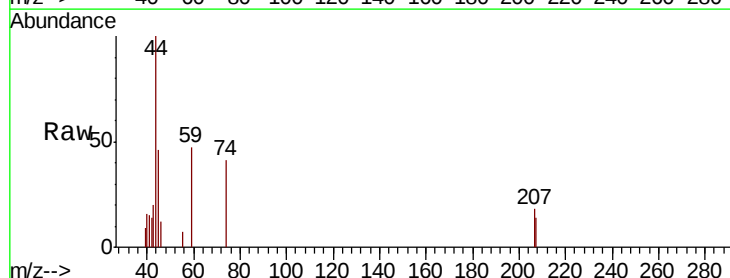
Acq: 19 Oct 2018 18:21

Tgt Ion: 74 Resp: 723

Ion Ratio Lower Upper

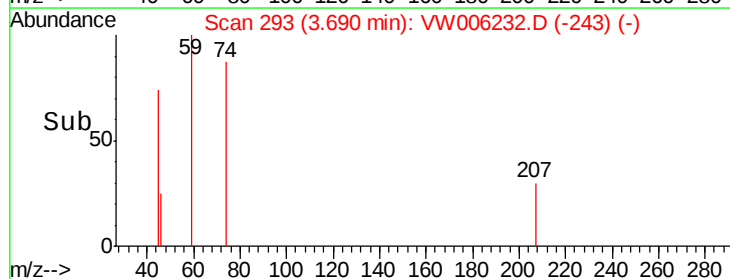
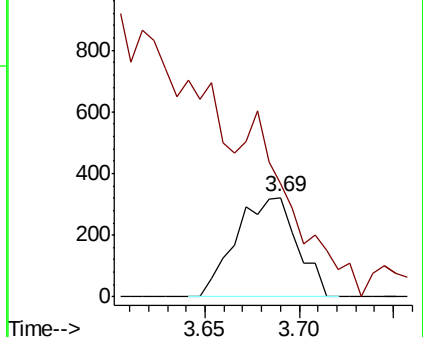
74 100

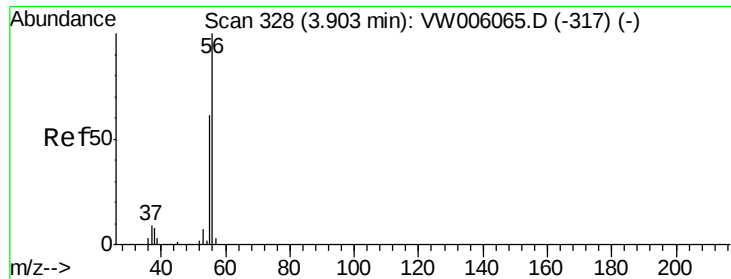
45 0.0 42.8 128.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#13

Acrolein

Concen: 5.344 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

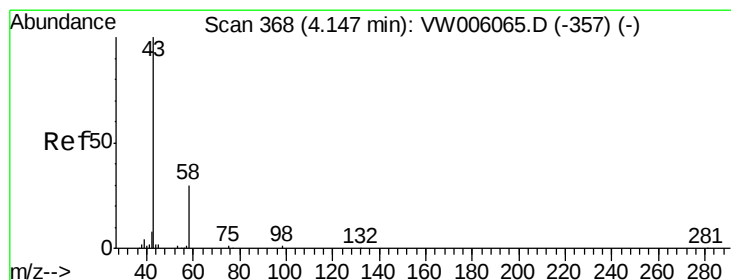
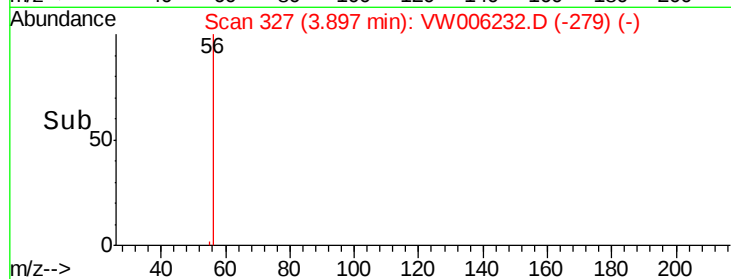
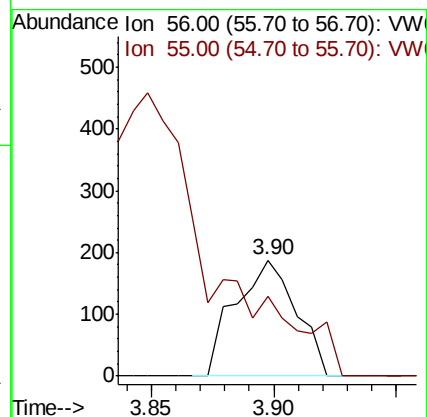
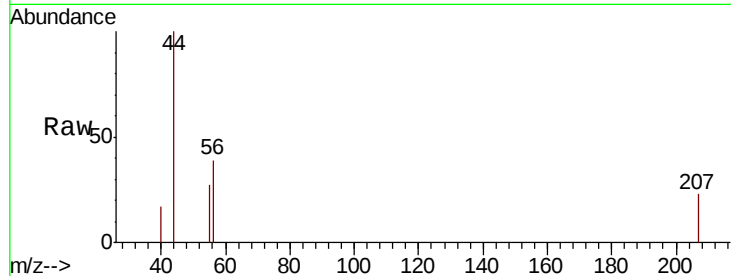
TP-ARE

Tot Ion: 56 Resp: 327

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#16

Acetone

Concen: 94.423 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006232.D

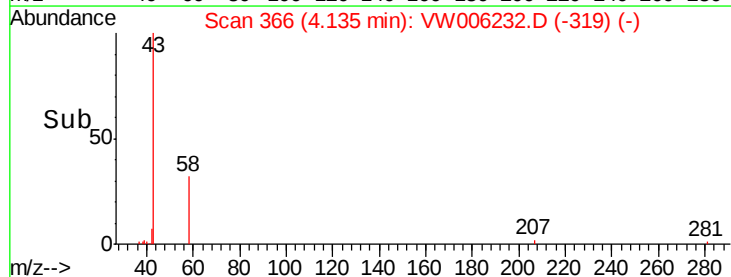
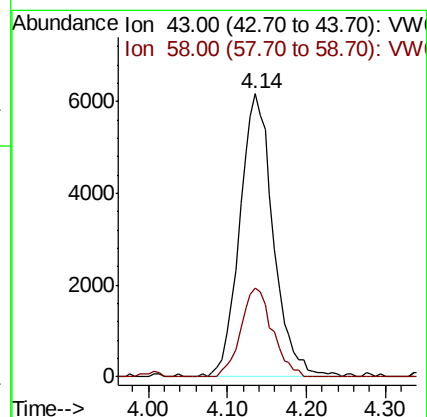
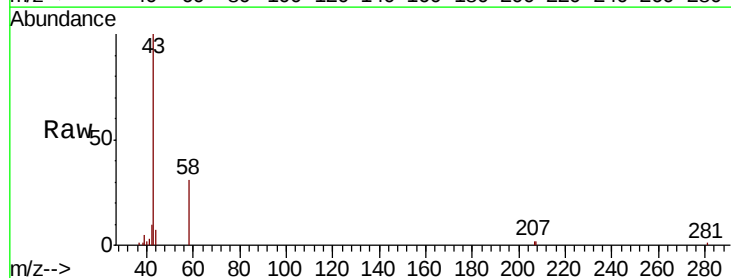
Acq: 19 Oct 2018 18:21

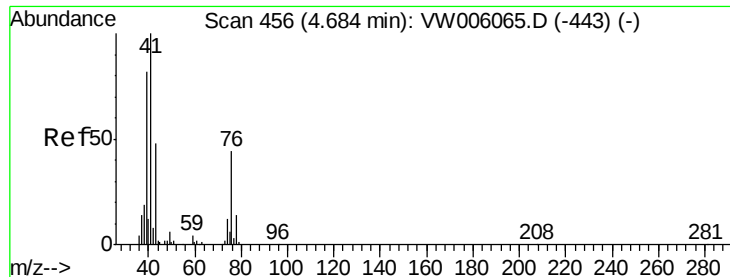
Tgt Ion: 43 Resp: 18280

Ion Ratio Lower Upper

43 100

58 31.3 24.0 36.0

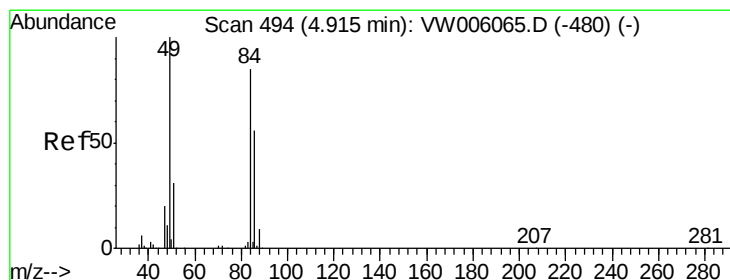
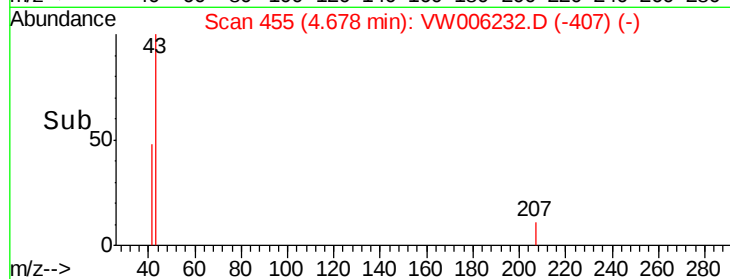
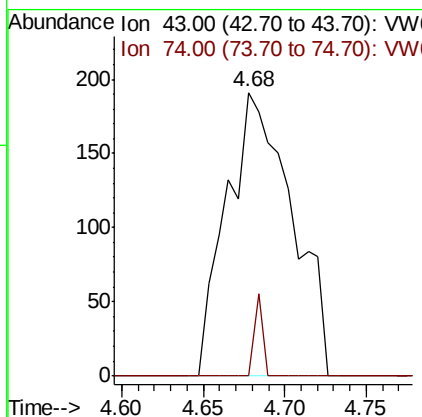
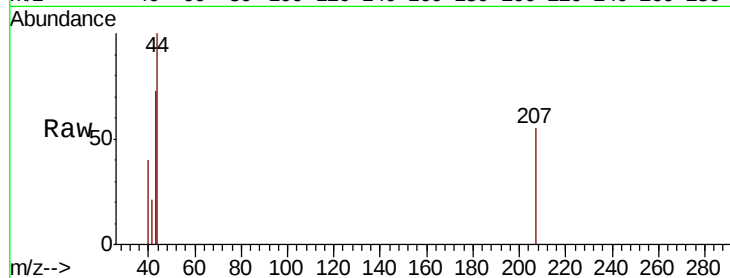




#18
Methyl Acetate
Concen: 1.124 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

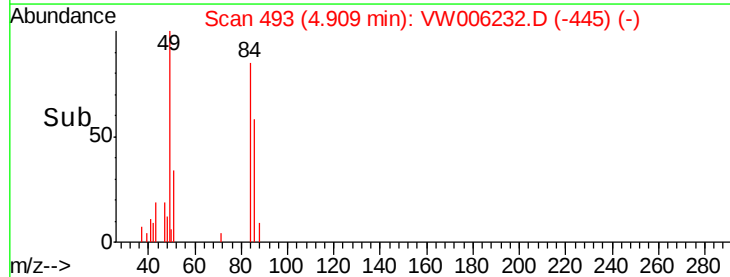
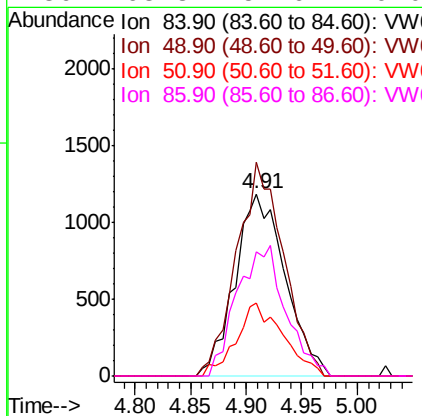
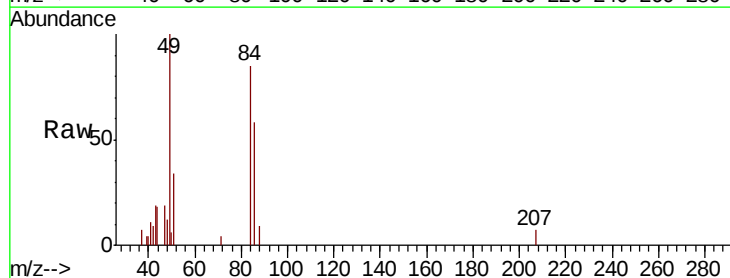
Instrument :
MSVOA_W
ClientSampleId :
TP-ARE

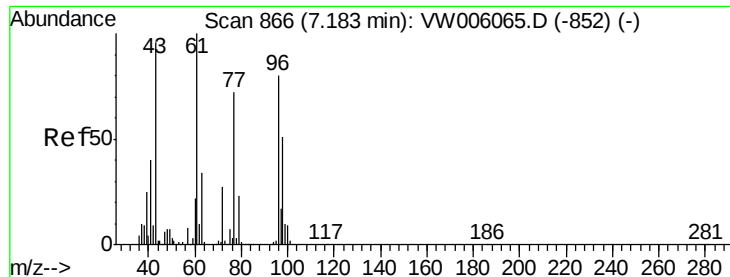
Tot Ion: 43 Resp: 532
Ion Ratio Lower Upper
43 100
74 3.8 20.5 30.7#



#20
Methylene Chloride
Concen: 2.169 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Tgt Ion: 84 Resp: 3707
Ion Ratio Lower Upper
84 100
49 117.1 93.6 140.4
51 40.1 29.0 43.4
86 68.3 52.6 79.0





#25

2-Butanone

Concen: 24.847 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

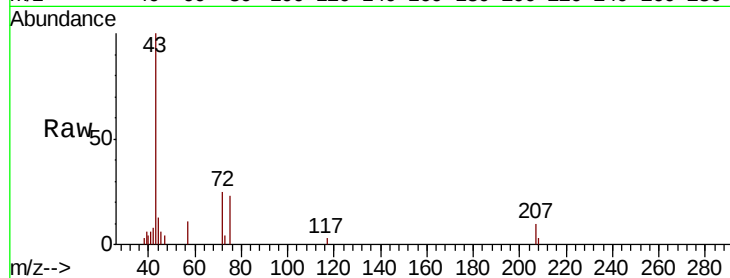
TP-ARE

Tot Ion: 43 Resp: 6311

Ion Ratio Lower Upper

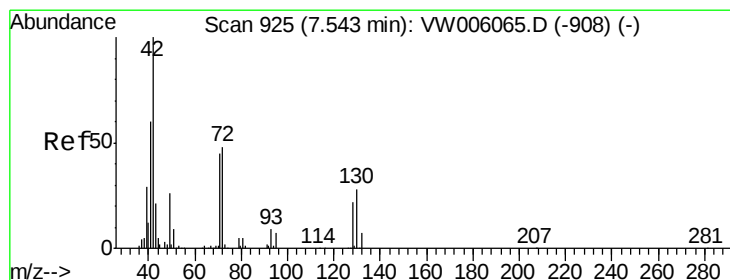
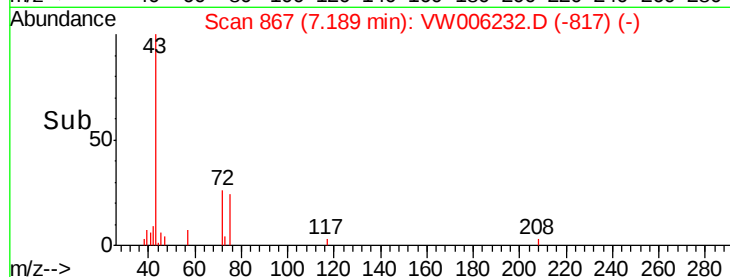
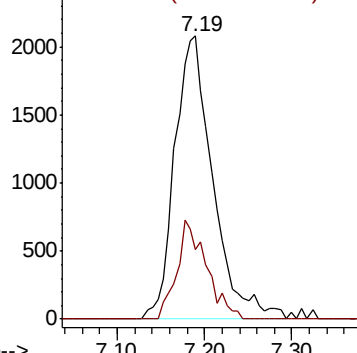
43 100

72 24.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.653 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

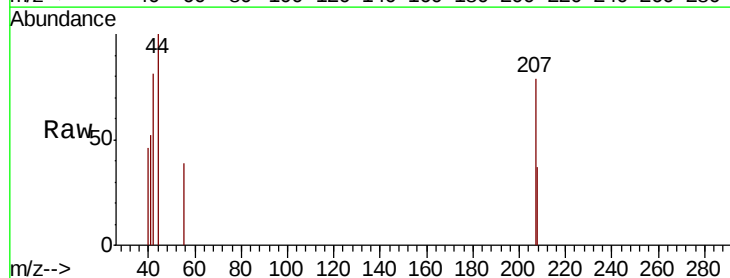
Tgt Ion: 42 Resp: 258

Ion Ratio Lower Upper

42 100

72 0.0 38.0 57.0#

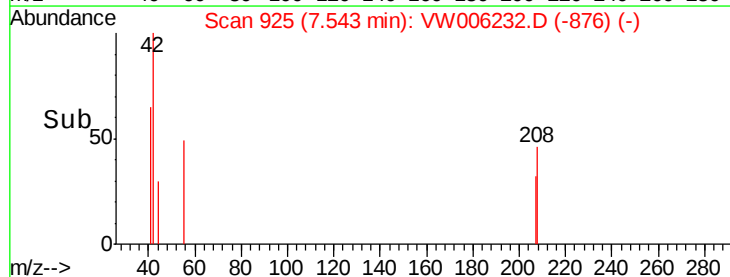
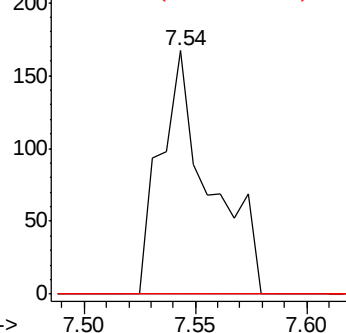
71 0.0 35.3 52.9#

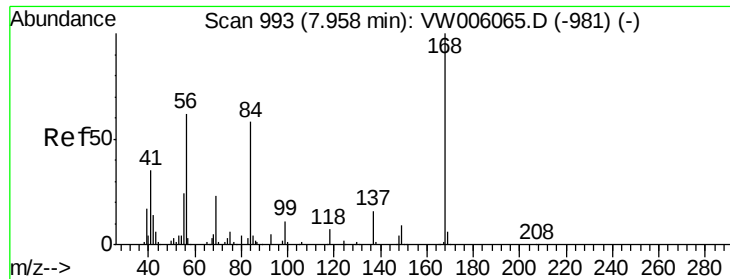


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

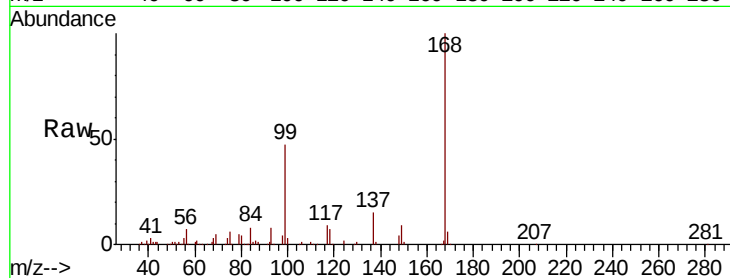




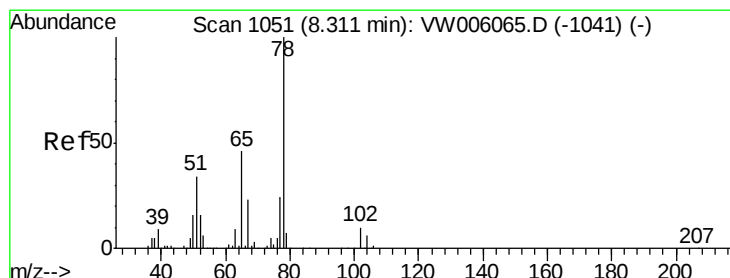
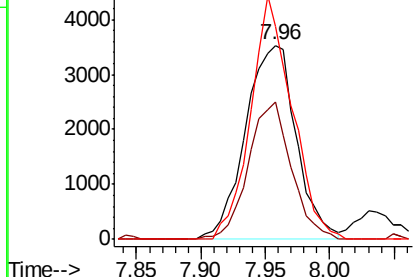
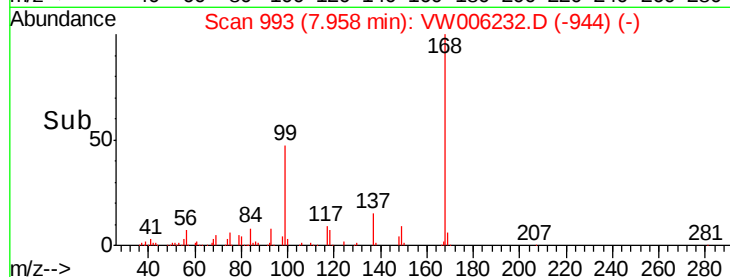
#31
Cyclohexane
Concen: 5.617 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Instrument :
MSVOA_W
ClientSampleId :
TP-ARE

Tot Ion: 56 Resp: 9663
Ion Ratio Lower Upper
56 100
69 70.7 29.4 44.0#
84 109.7 74.0 111.0

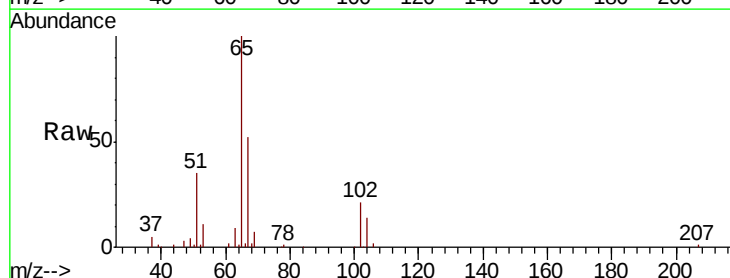


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

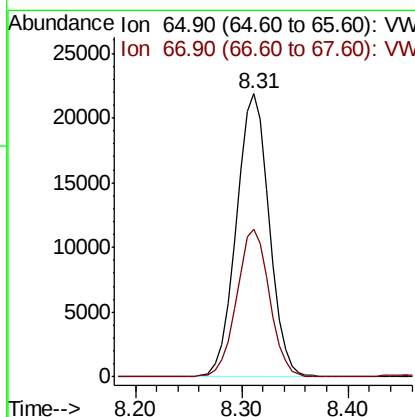
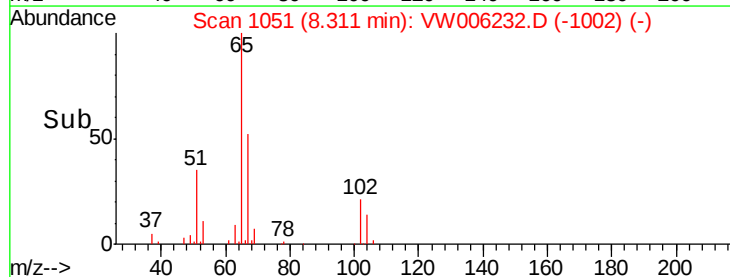


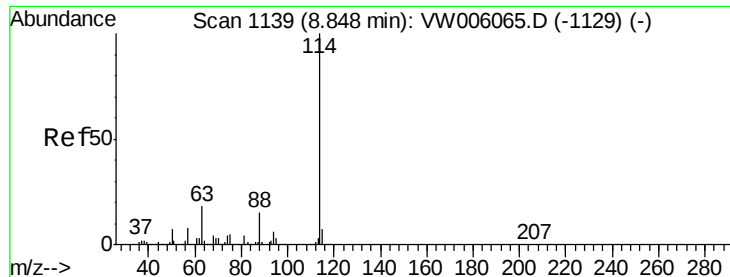
#33
1,2-Dichloroethane-d4
Concen: 50.553 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Tgt Ion: 65 Resp: 47530
Ion Ratio Lower Upper
65 100
67 52.0 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: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

TP-ARE

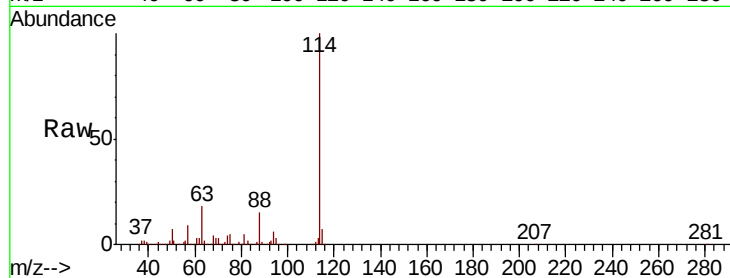
Tot Ion:114 Resp: 161726

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

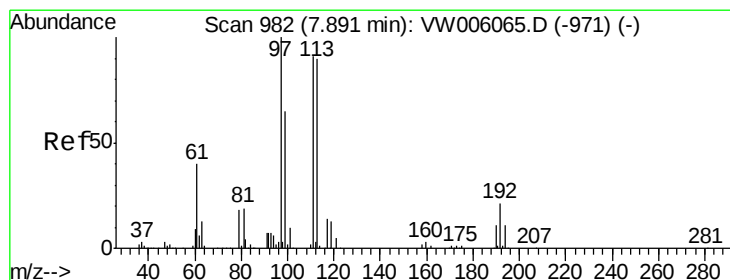
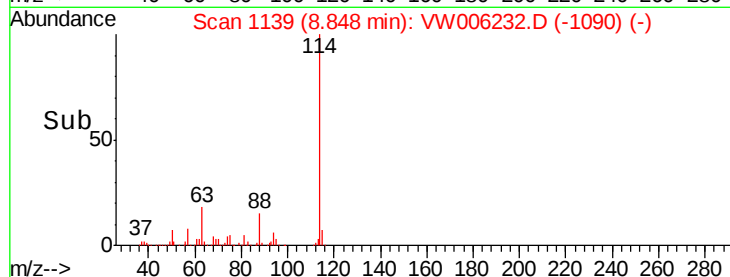
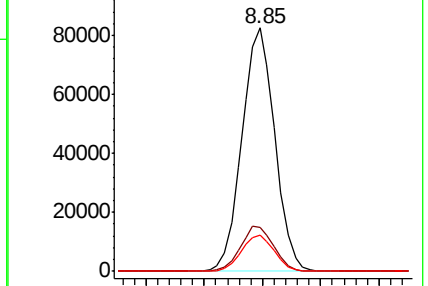
88 14.7 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 46.433 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

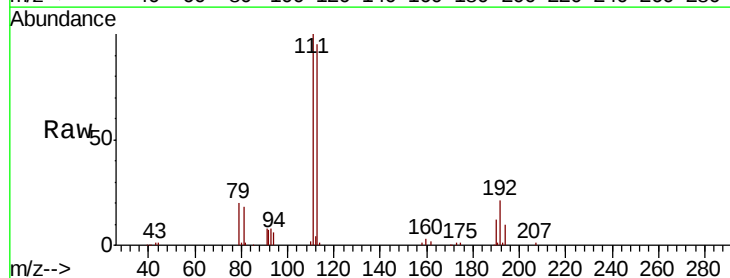
Tgt Ion:113 Resp: 44373

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

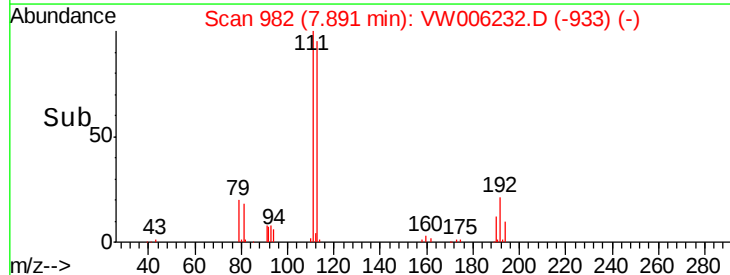
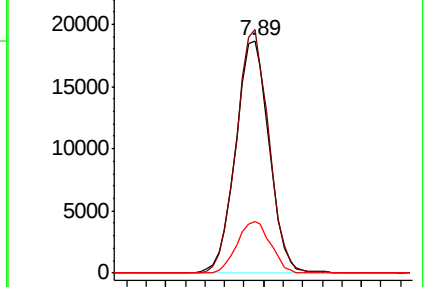
192 22.4 18.7 28.1

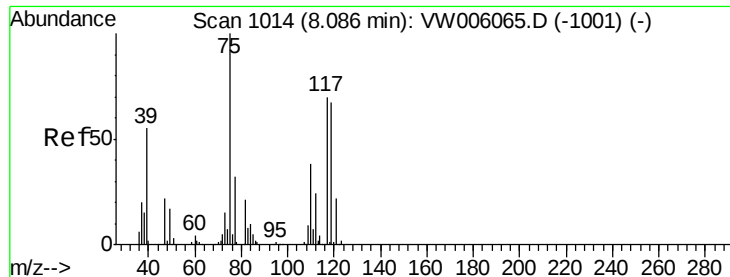


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

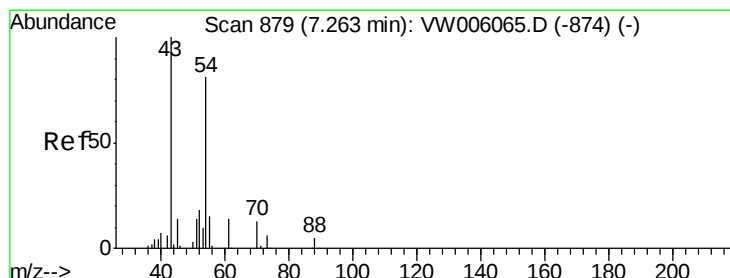
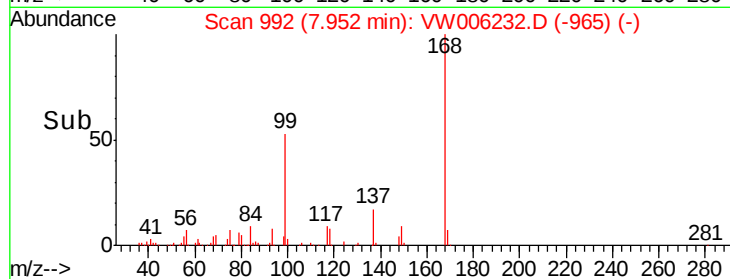
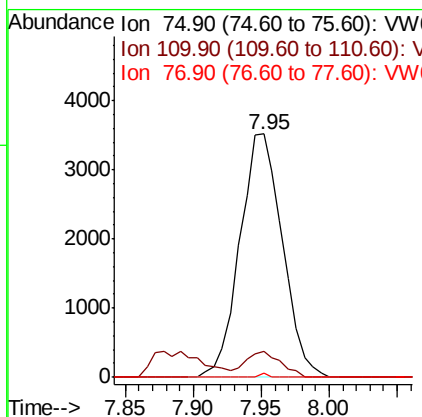
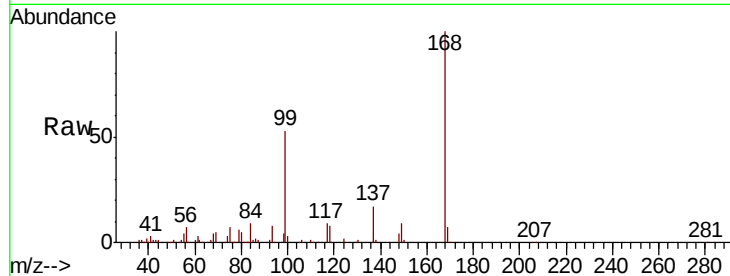




#36
 1,1-Dichloropropene
 Concen: 5.152 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006232.D
 Acq: 19 Oct 2018 18:21

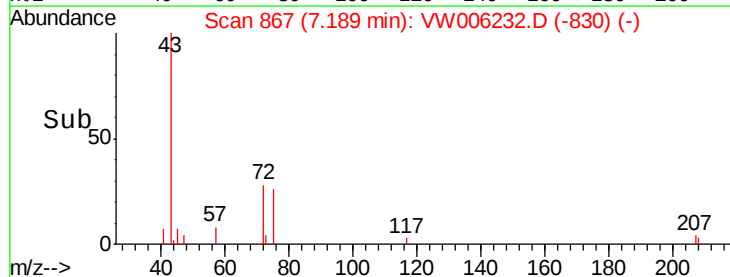
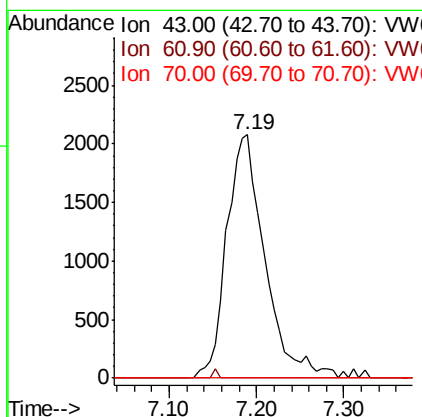
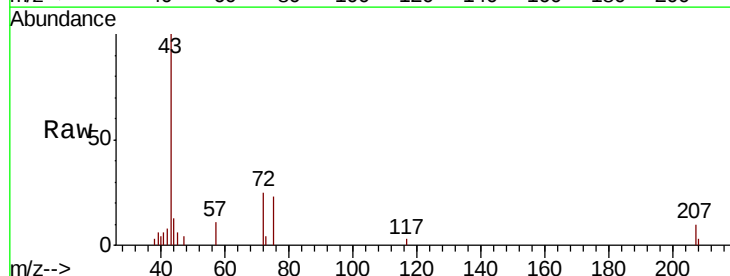
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-ARE

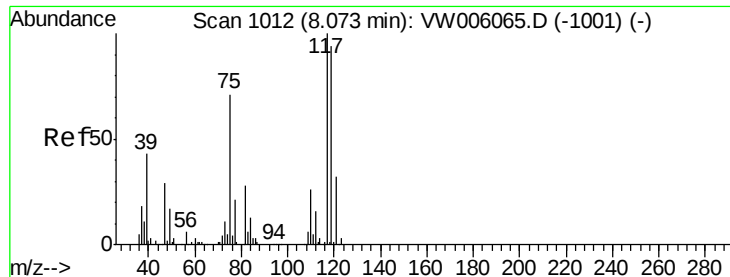
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.1	57.1#
77	0.3	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 11.395 ug/l
 RT: 7.19 min Scan# 867
 Delta R.T. -0.07 min
 Lab File: VW006232.D
 Acq: 19 Oct 2018 18:21

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.2	13.8#

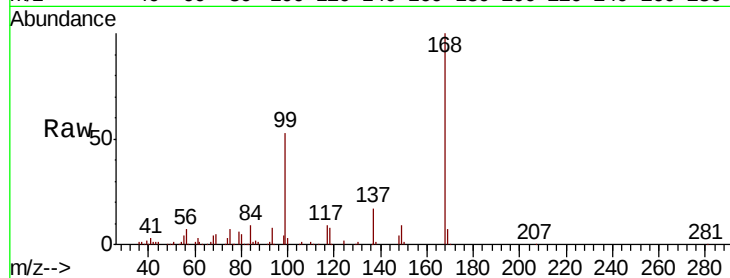




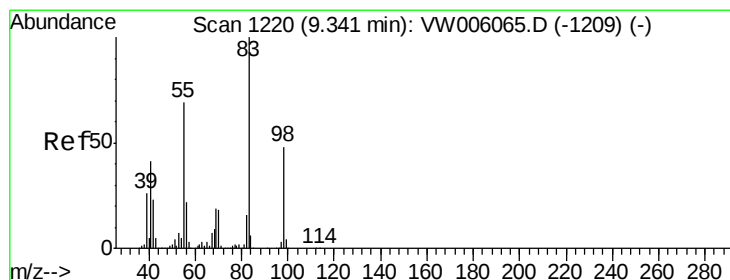
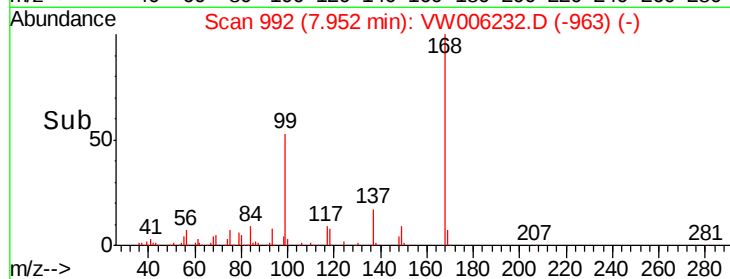
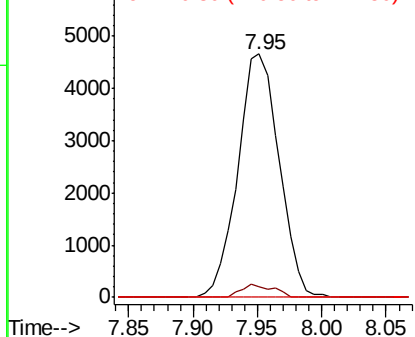
#38
Carbon Tetrachloride
Concen: 6.351 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Instrument :
MSVOA_W
ClientSampleId :
TP-ARE

Tot Ion:117 Resp: 10379
Ion Ratio Lower Upper
117 100
119 4.4 75.2 112.8#
121 0.0 25.3 37.9#

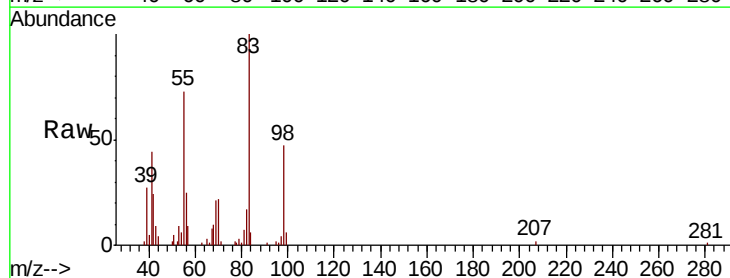


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

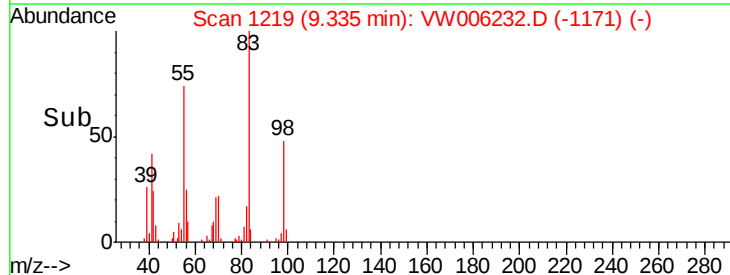
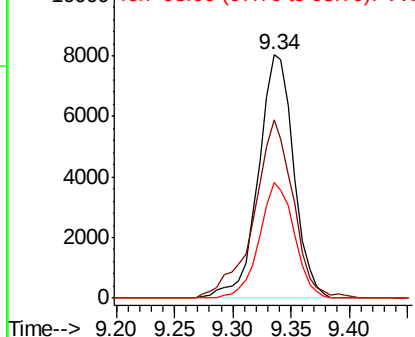


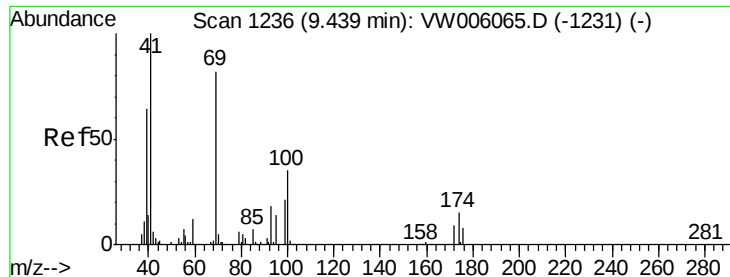
#39
Methylcyclohexane
Concen: 8.557 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Tgt Ion: 83 Resp: 16956
Ion Ratio Lower Upper
83 100
55 73.1 55.0 82.6
98 47.4 38.6 57.8



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

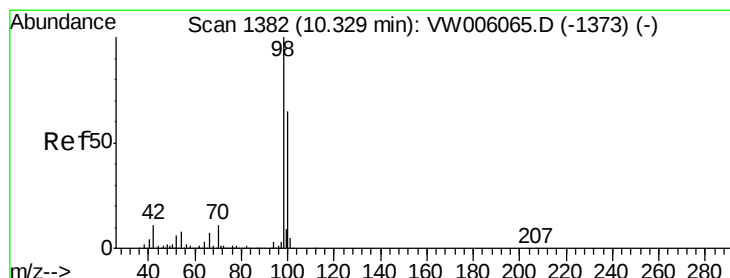
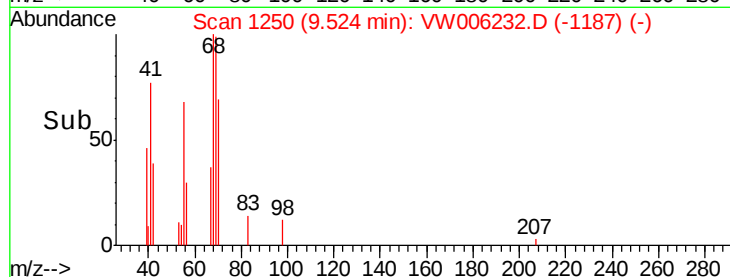
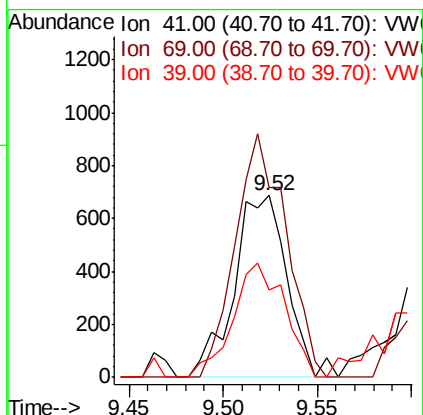
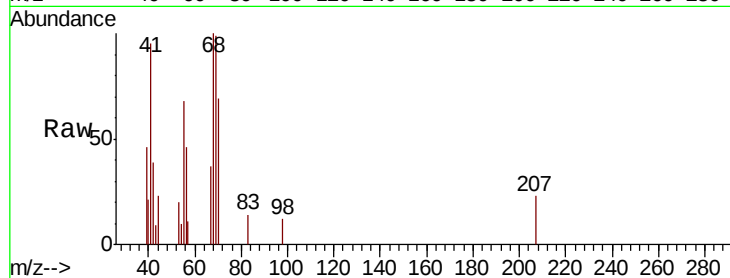




#48
Methvl methacrvlate
Concen: 2.502 ug/l
RT: 9.52 min Scan# 1250
Delta R.T. 0.09 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

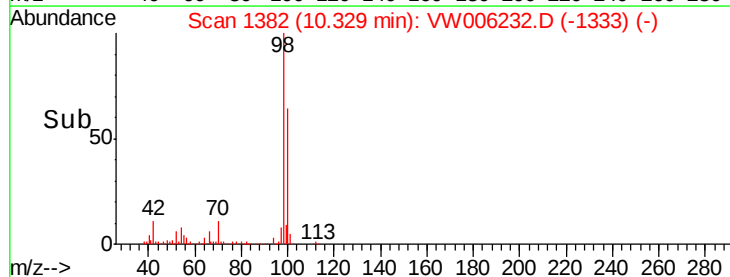
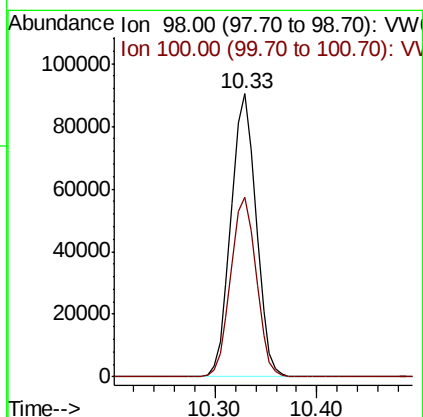
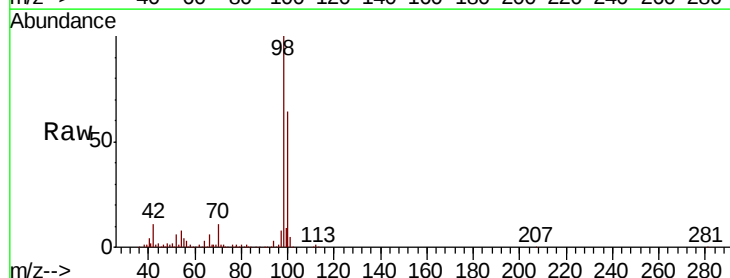
Instrument :
MSVOA_W
ClientSampled :
TP-ARE

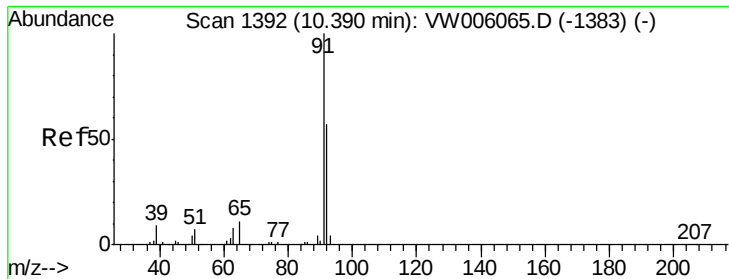
Tot Ion: 41 Resp: 1343
Ion Ratio Lower Upper
41 100
69 127.3 71.8 107.8#
39 61.3 52.5 78.7



#50
Toluene-d8
Concen: 42.481 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Tgt Ion: 98 Resp: 154450
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4





#52

Toluene

Concen: 1.209 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

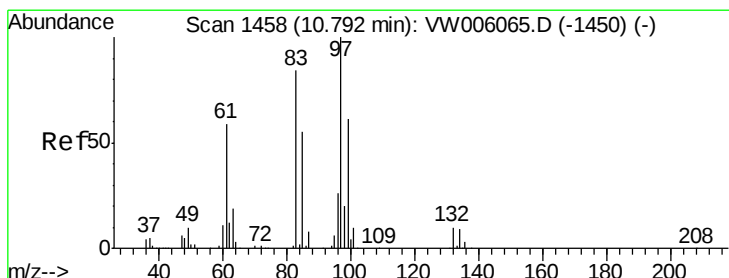
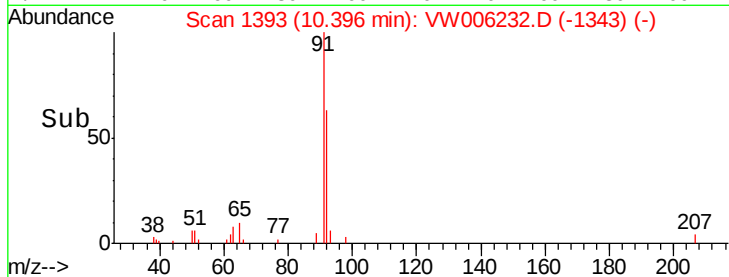
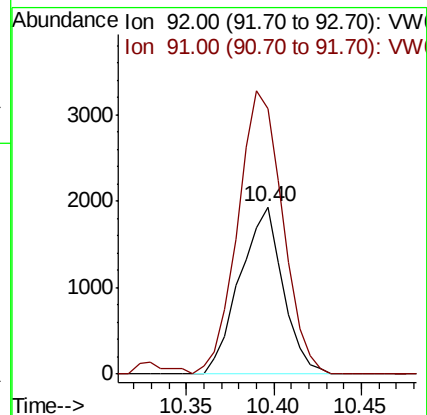
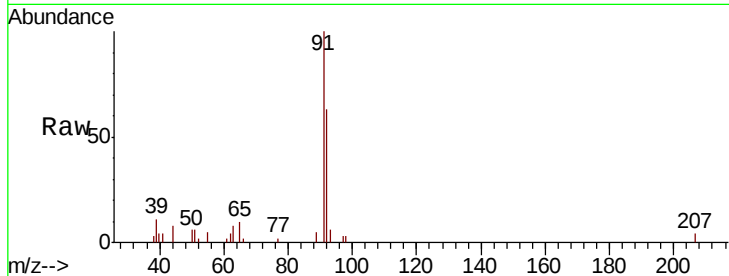
TP-ARE

Tot Ion: 92 Resp: 3313

Ion Ratio Lower Upper

92 100

91 176.3 140.0 210.0



#55

1,1,2-Trichloroethane

Concen: 5.179 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Tgt Ion: 97 Resp: 4042

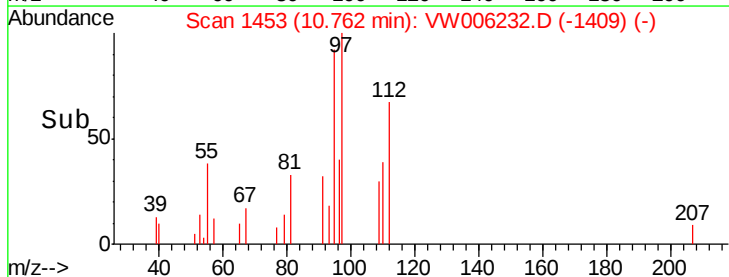
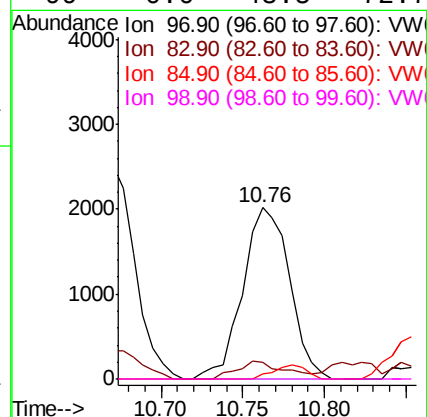
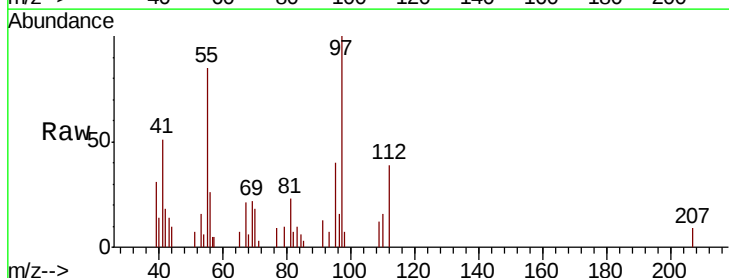
Ion Ratio Lower Upper

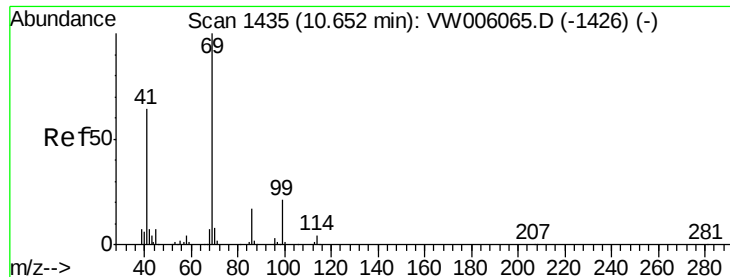
97 100

83 9.6 67.2 100.8#

85 3.0 43.7 65.5#

99 0.0 48.5 72.7#





#56

Ethyl methacrylate

Concen: 1.309 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampled :

TP-ARE

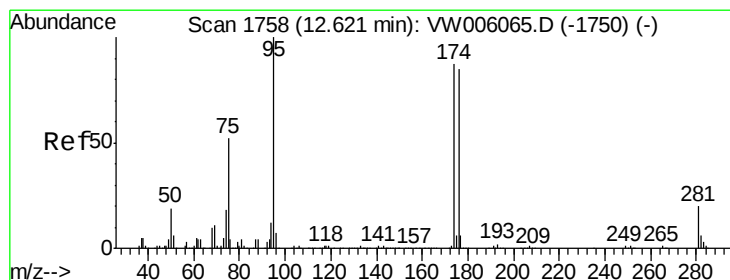
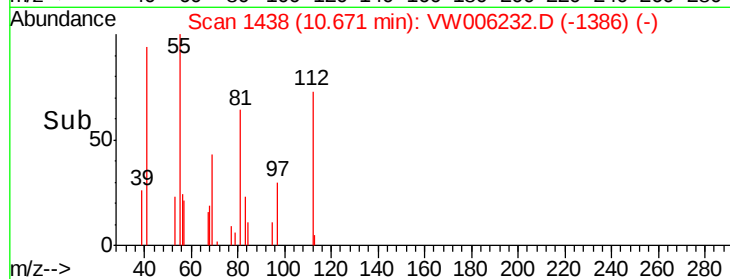
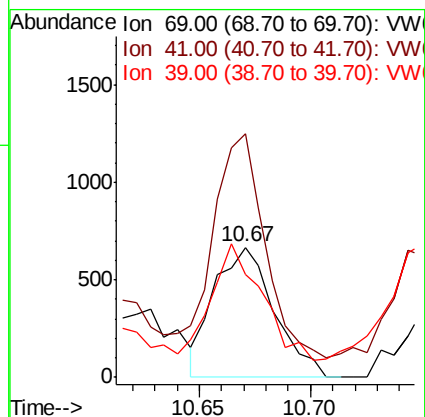
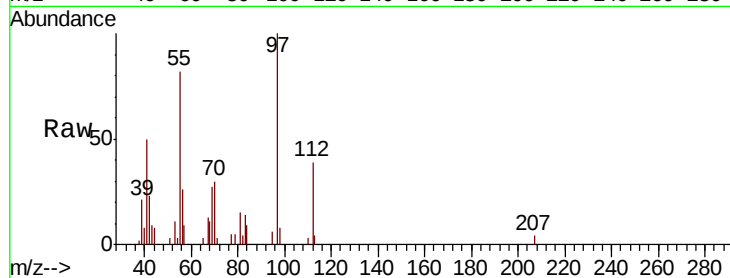
Tot Ion: 69 Resp: 1252

Ion Ratio Lower Upper

69 100

41 149.5 52.8 79.2#

39 72.4 30.6 45.8#



#62

4-Bromofluorobenzene

Concen: 33.233 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

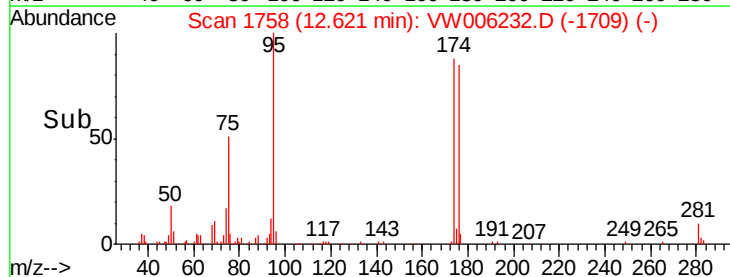
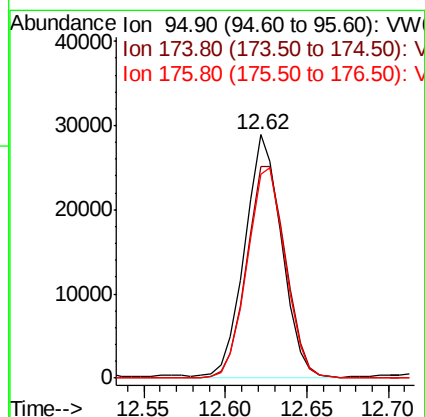
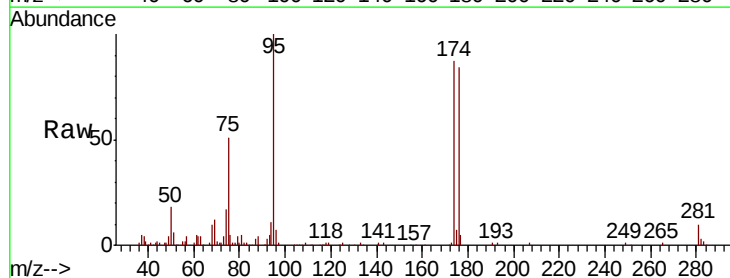
Tgt Ion: 95 Resp: 45380

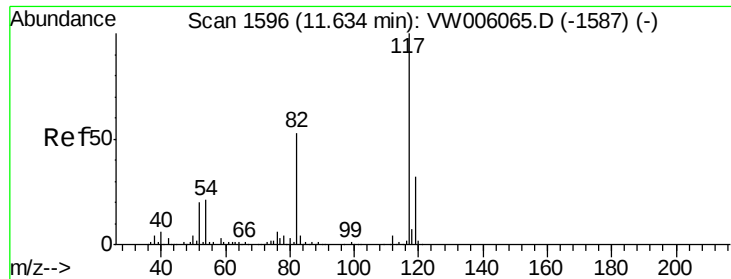
Ion Ratio Lower Upper

95 100

174 92.5 0.0 186.0

176 89.6 0.0 181.6

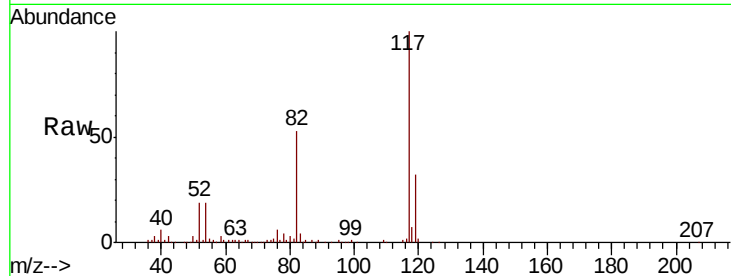




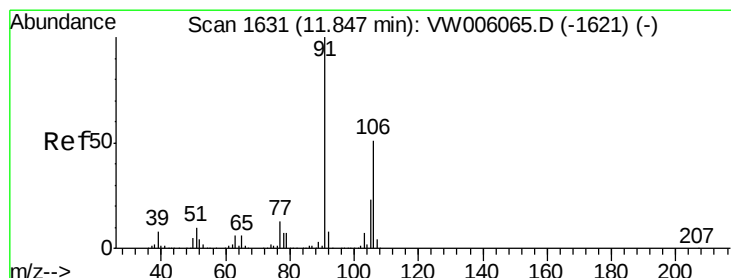
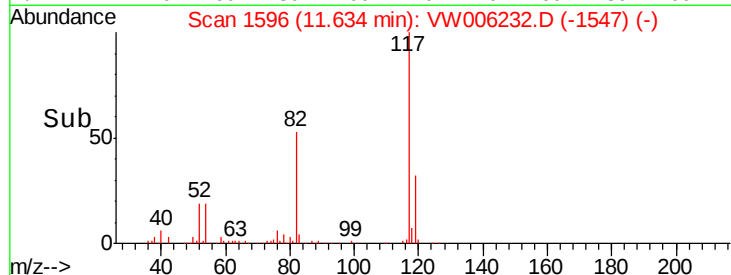
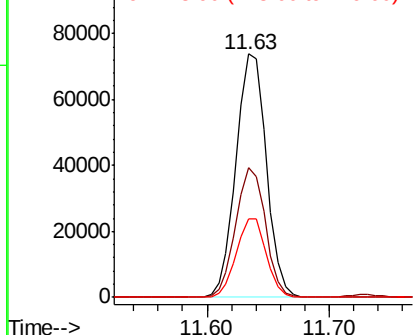
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Instrument :
MSVOA_W
ClientSampleId :
TP-ARE

Tot Ion:117 Resp: 127111
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 32.1 25.8 38.6

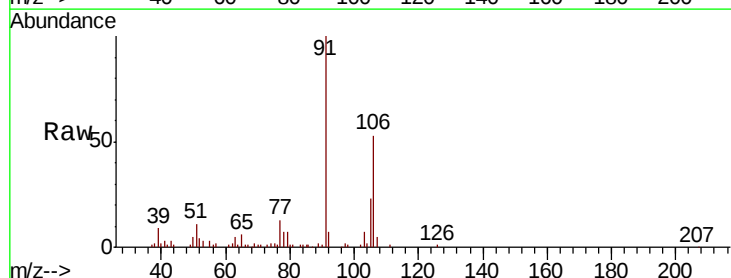


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

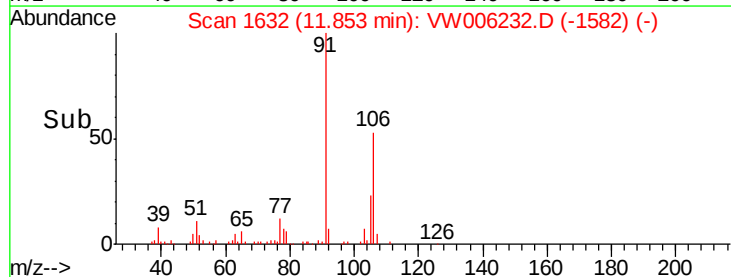
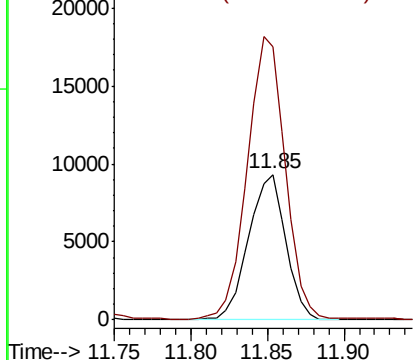


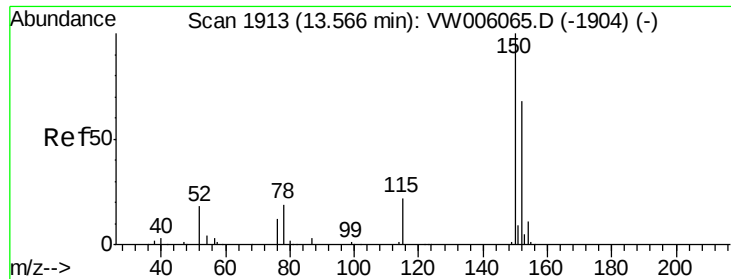
#68
m/p-Xylenes
Concen: 8.462 ug/l
RT: 11.85 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Tgt Ion:106 Resp: 15773
Ion Ratio Lower Upper
106 100
91 200.9 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW



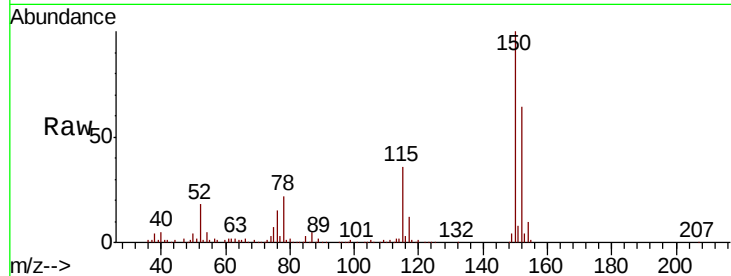


#72

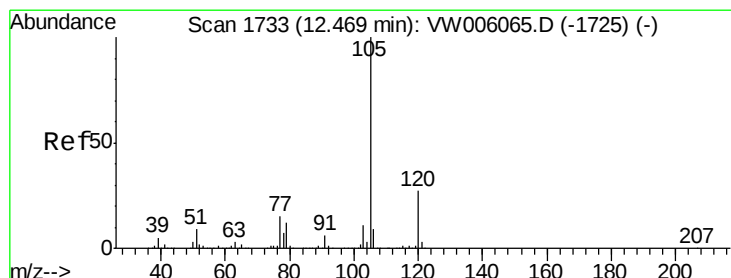
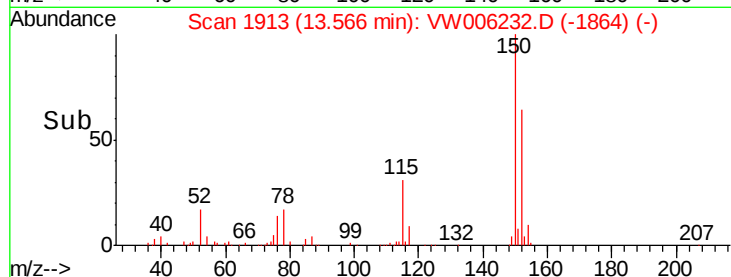
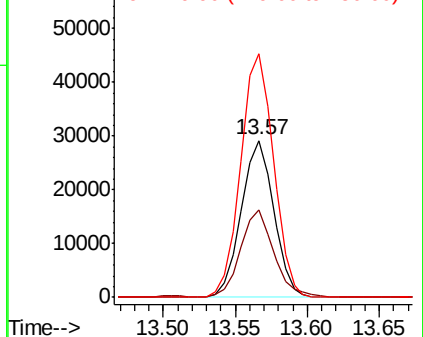
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Instrument :
MSVOA_W
ClientSampleId :
TP-ARE

Tot Ion:152 Resp: 45684
Ion Ratio Lower Upper
152 100
115 57.4 27.8 83.3
150 156.7 0.0 349.2



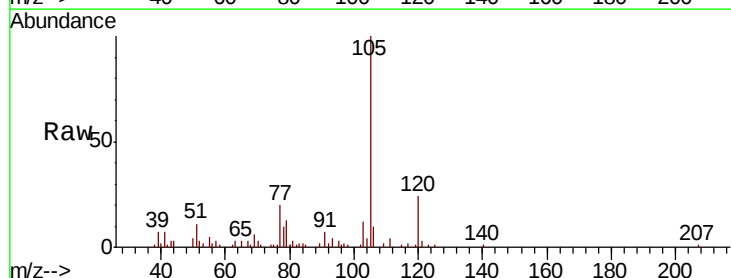
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



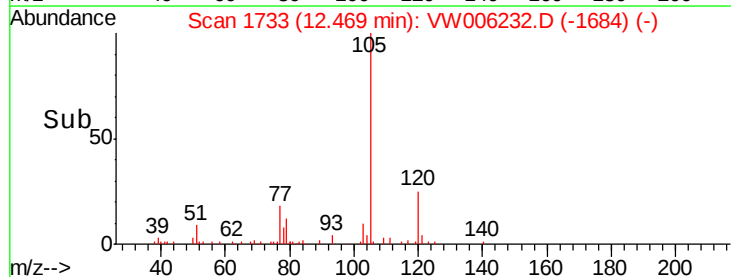
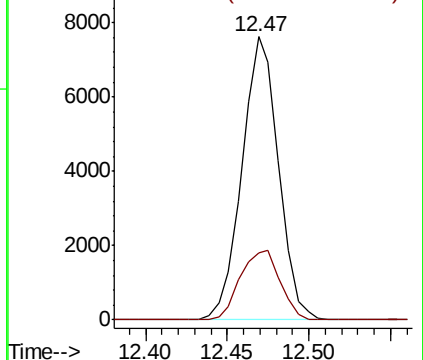
#73

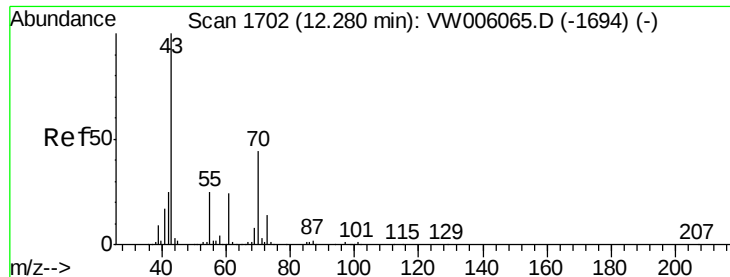
Isopropylbenzene
Concen: 3.677 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Tgt Ion:105 Resp: 11867
Ion Ratio Lower Upper
105 100
120 26.6 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-amvl acetate

Concen: 2.264 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

TP-ARE

Tot Ion: 43 Resp: 1419

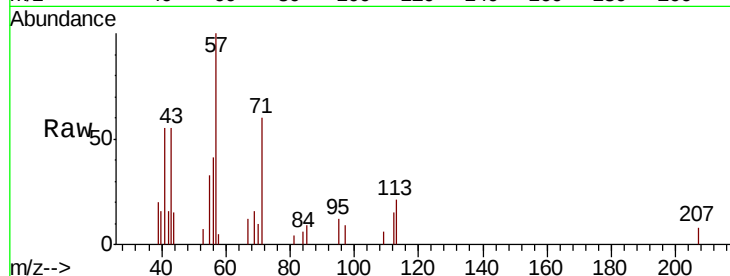
Ion Ratio Lower Upper

43 100

70 15.2 34.2 51.4#

55 16.2 19.2 28.8#

61 0.0 19.0 28.6#

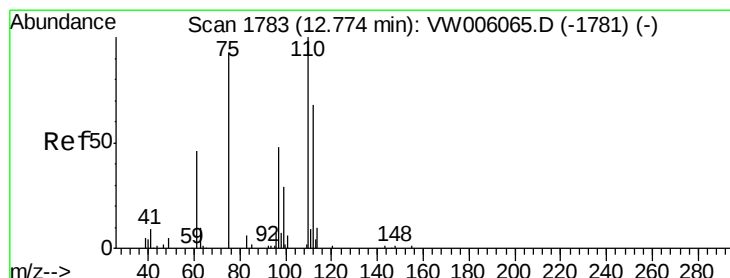
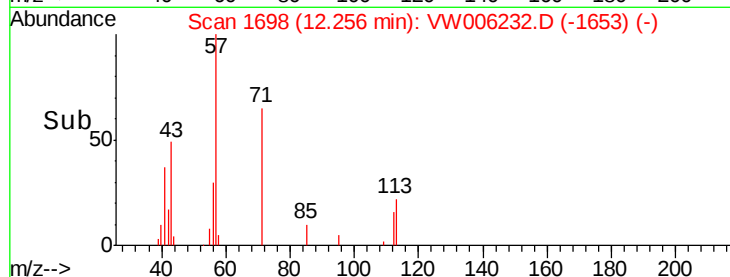
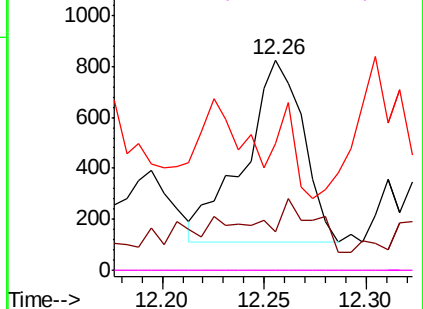


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#76

1,2,3-Trichloropropane

Concen: 65.038 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006232.D

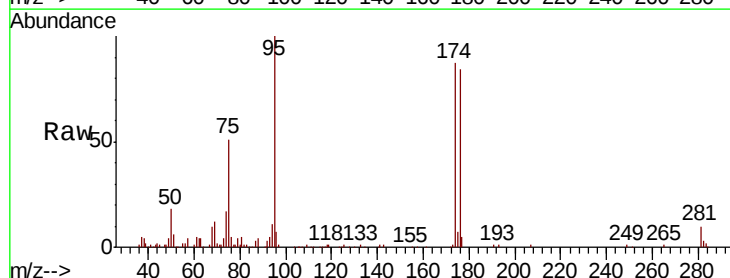
Acq: 19 Oct 2018 18:21

Tgt Ion: 75 Resp: 22694

Ion Ratio Lower Upper

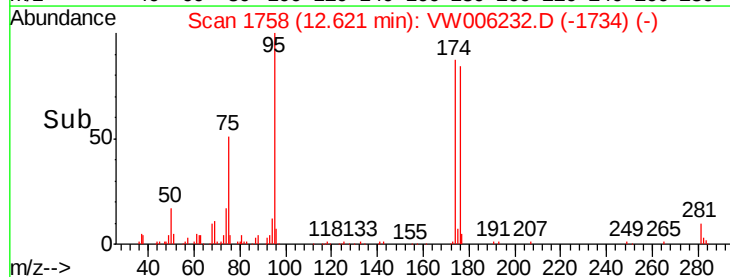
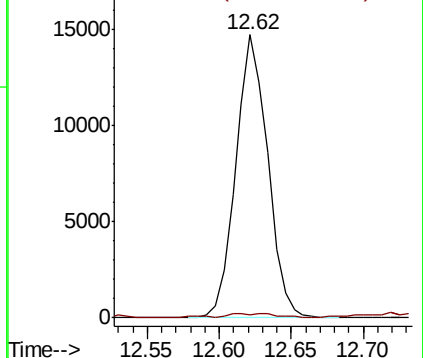
75 100

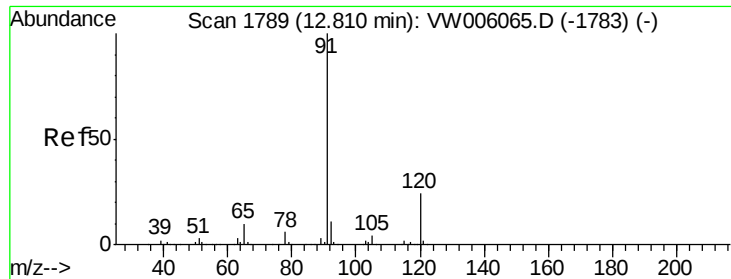
77 2.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#78

n-propylbenzene

Concen: 6.708 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampled :

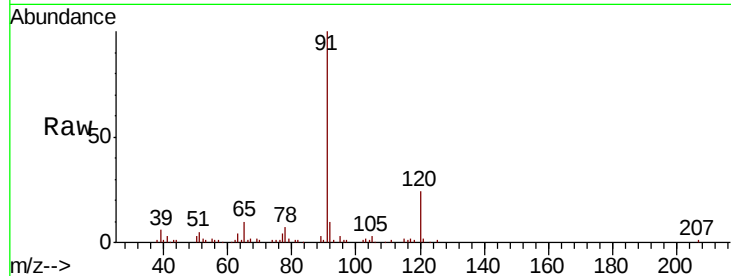
TP-ARE

Tot Ion: 91 Resp: 25186

Ion Ratio Lower Upper

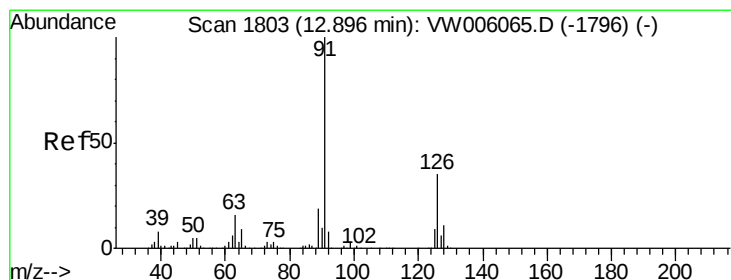
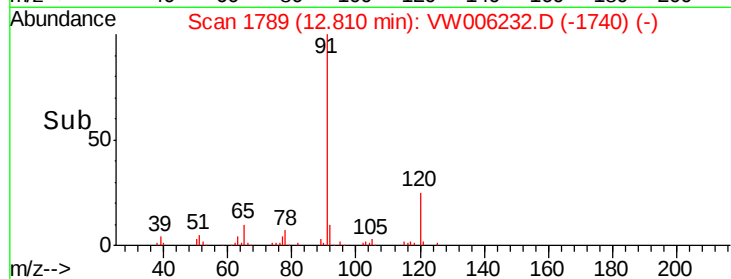
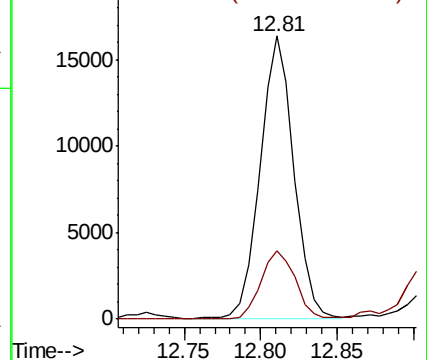
91 100

120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.058 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW006232.D

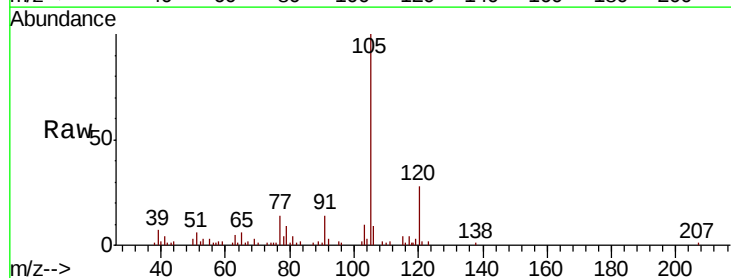
Acq: 19 Oct 2018 18:21

Tgt Ion: 91 Resp: 2232

Ion Ratio Lower Upper

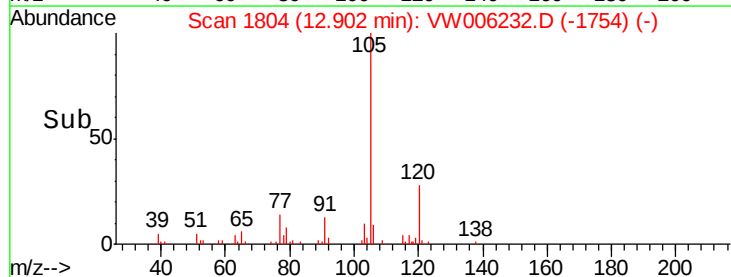
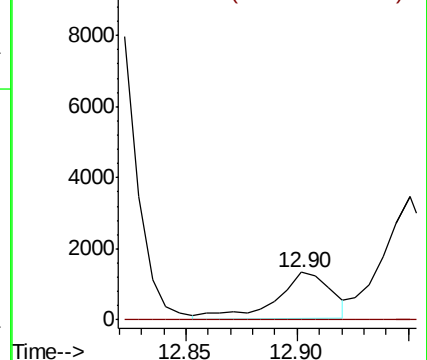
91 100

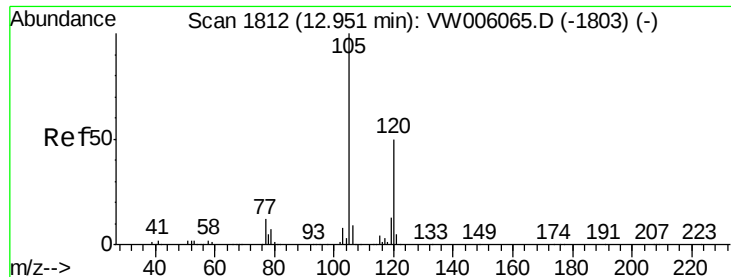
126 0.0 17.9 53.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 16.591 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

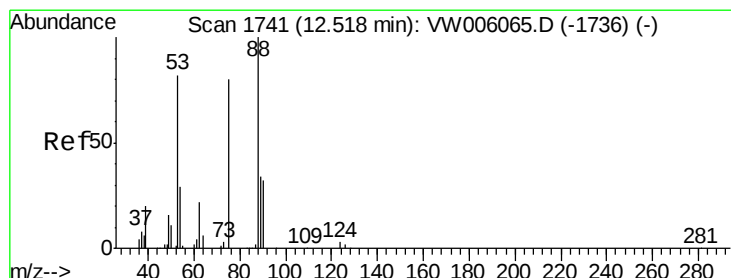
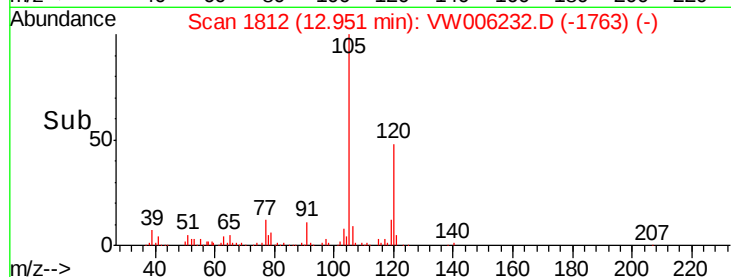
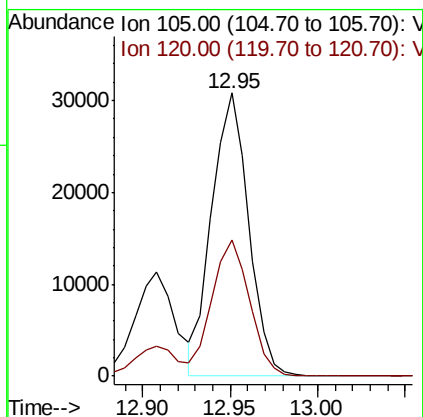
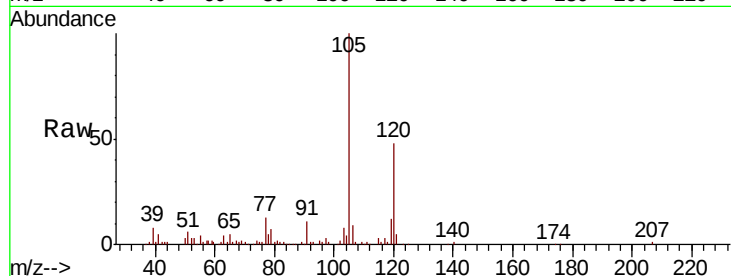
TP-ARE

Tot Ion:105 Resp: 45140

Ion Ratio Lower Upper

105 100

120 48.9 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 155.466 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

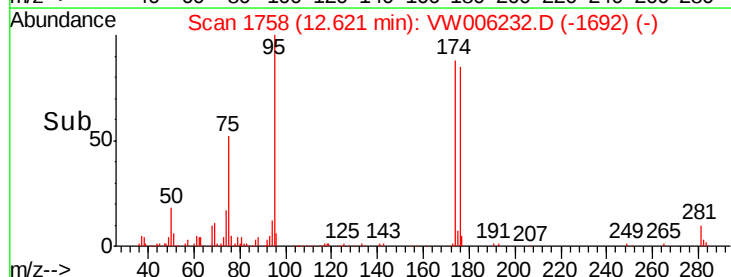
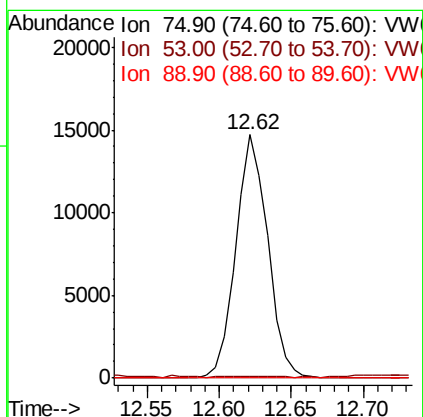
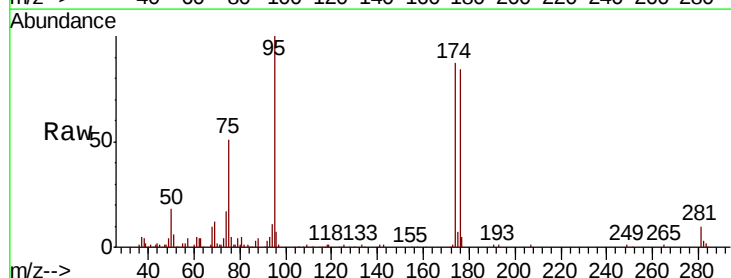
Tgt Ion: 75 Resp: 22694

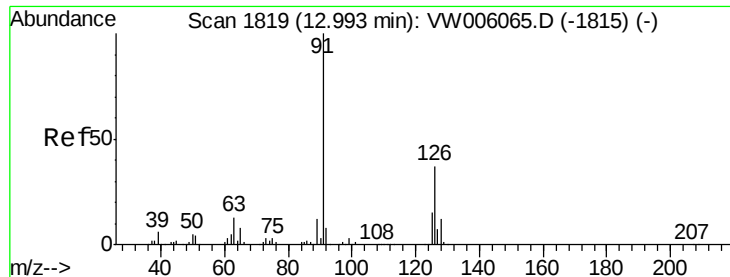
Ion Ratio Lower Upper

75 100

53 0.3 79.8 119.6#

89 0.0 37.5 56.3#





#82

4-Chlorotoluene

Concen: 2.386 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampleId :

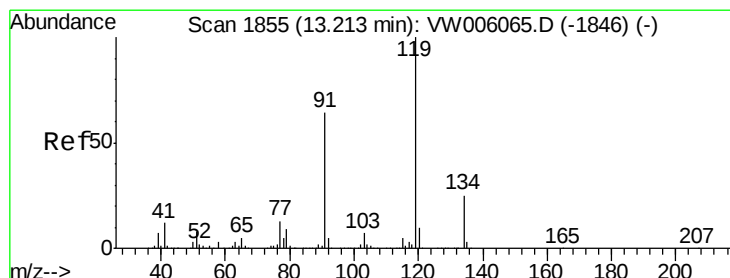
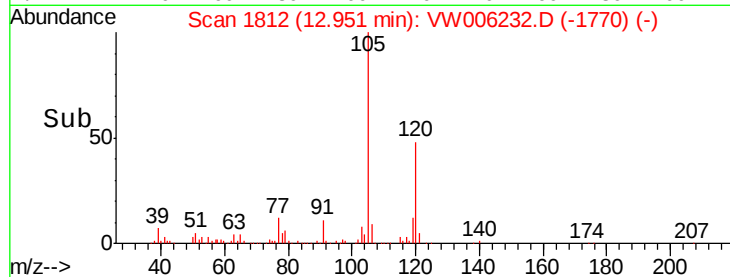
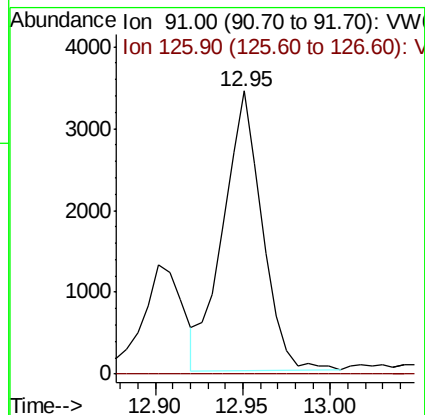
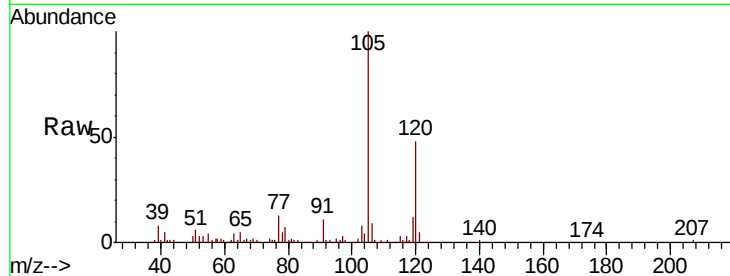
TP-ARE

Tot Ion: 91 Resp: 5272

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.3#



#83

tert-Butylbenzene

Concen: 5.699 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.04 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

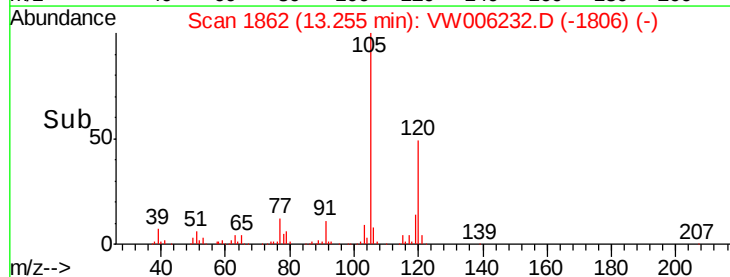
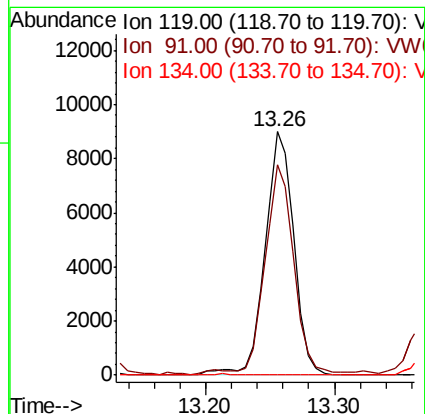
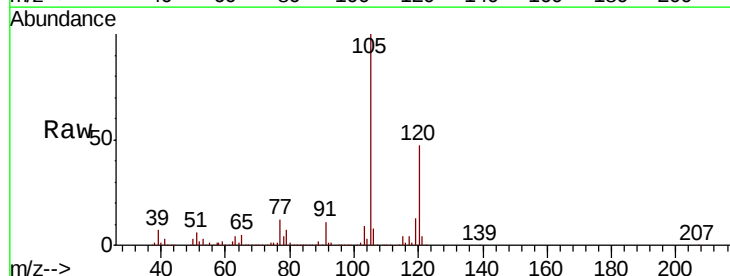
Tgt Ion: 119 Resp: 13874

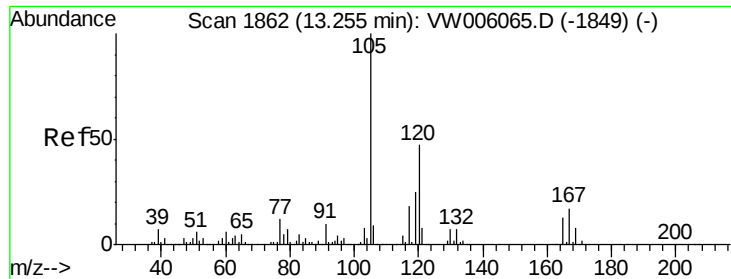
Ion Ratio Lower Upper

119 100

91 83.5 32.3 96.9

134 0.0 13.6 40.8#

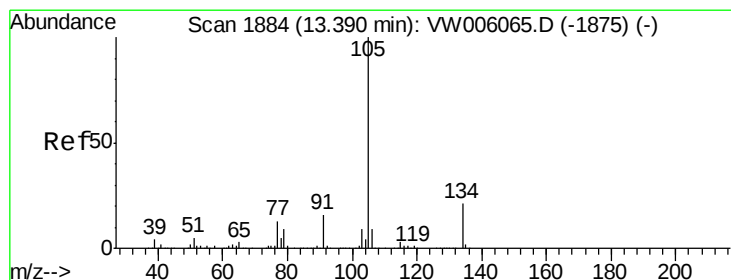
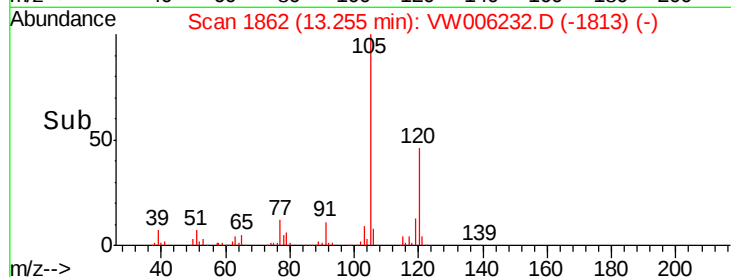
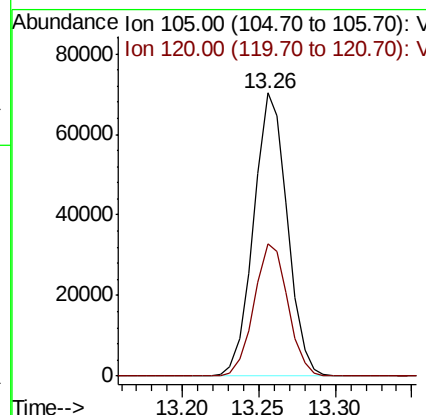
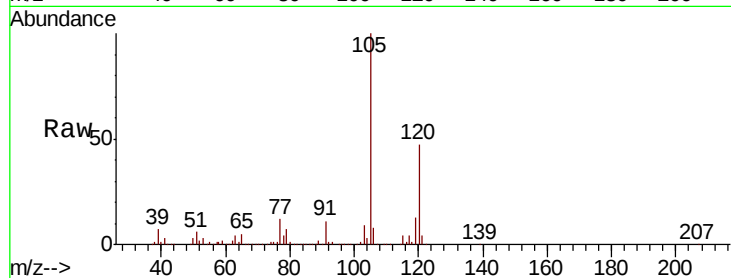




#84
 1,2,4-Trimethylbenzene
 Concen: 39.106 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006232.D
 Acq: 19 Oct 2018 18:21

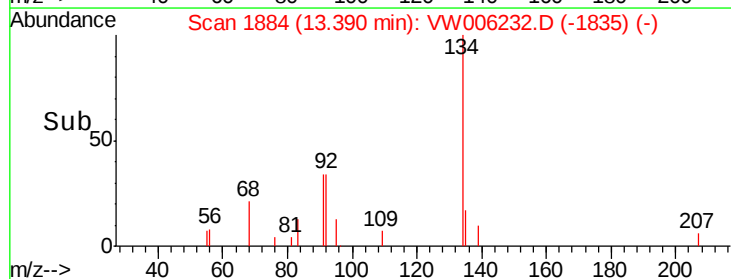
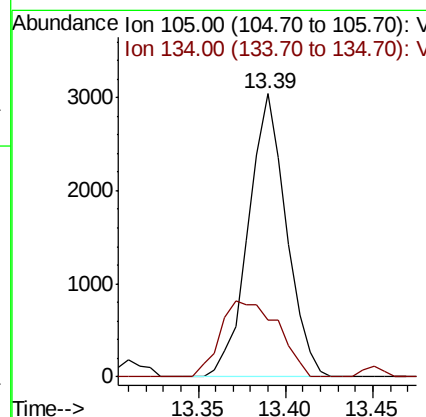
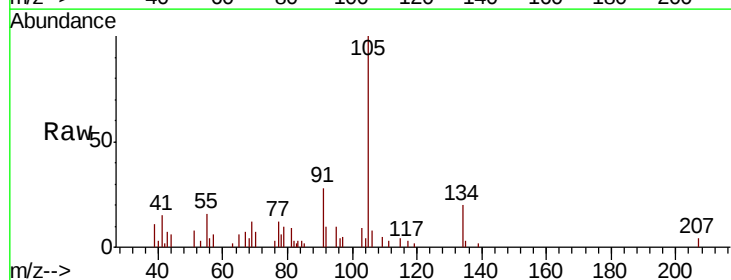
Instrument :
 MSVOA_W
 ClientSampled :
 TP-ARE

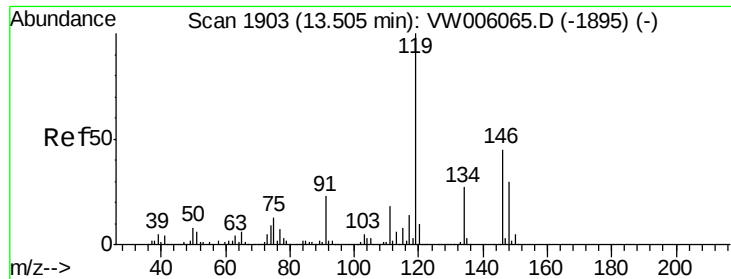
Tot Ion:105 Resp: 107667
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 1.335 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006232.D
 Acq: 19 Oct 2018 18:21

Tgt Ion:105 Resp: 4592
 Ion Ratio Lower Upper
 105 100
 134 40.7 10.5 31.6#

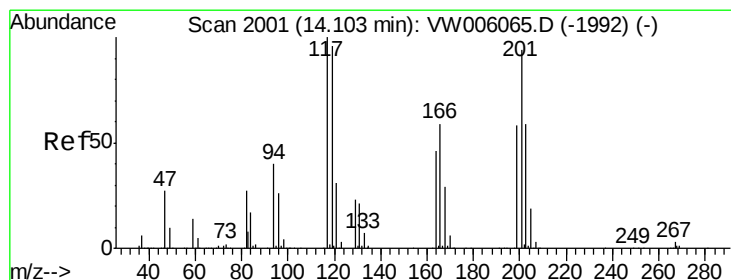
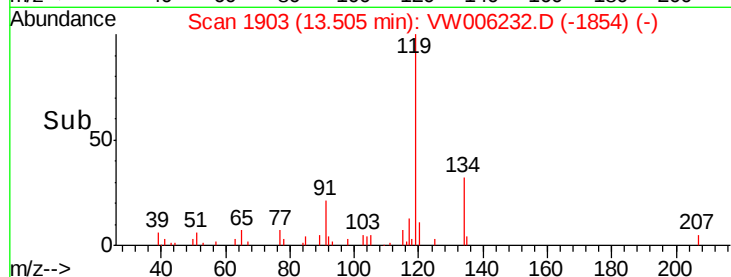
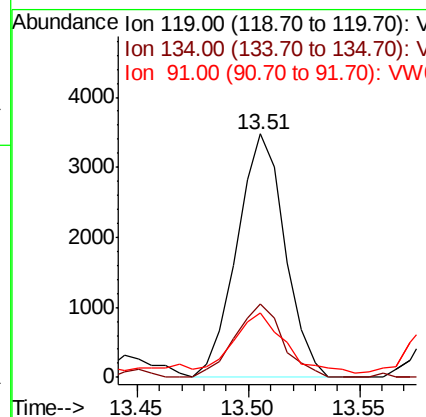
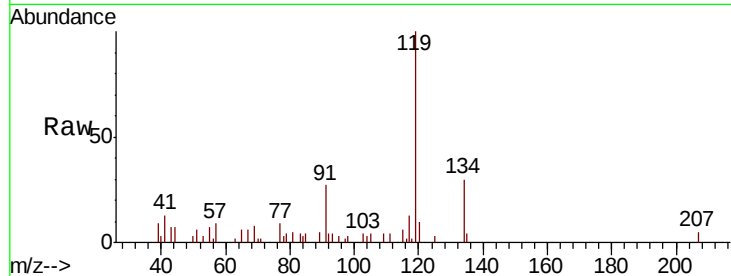




#86
p-Isopropyltoluene
Concen: 1.678 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

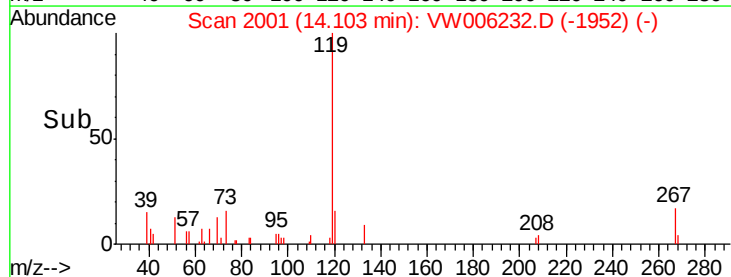
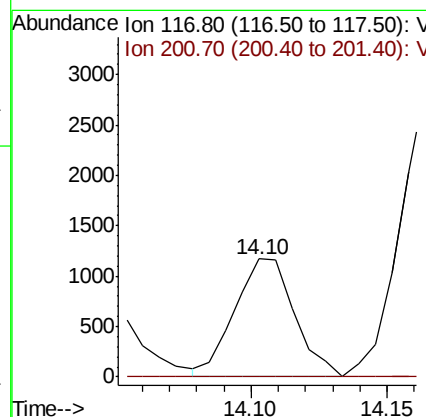
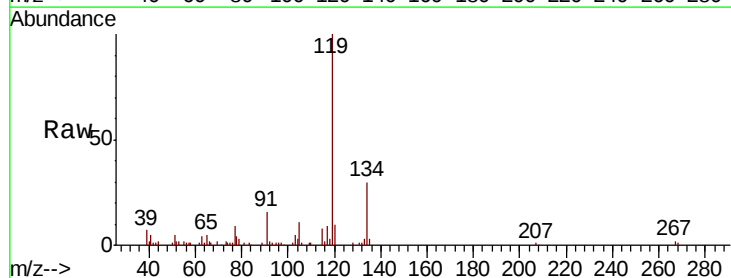
Instrument :
MSVOA_W
ClientSampleId :
TP-ARE

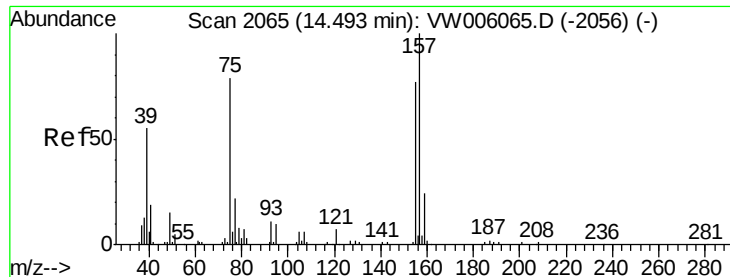
Tot Ion:119 Resp: 5220
Ion Ratio Lower Upper
119 100
134 30.2 13.4 40.2
91 26.4 11.4 34.1



#90
Hexachloroethane
Concen: 3.394 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW006232.D
Acq: 19 Oct 2018 18:21

Tgt Ion:117 Resp: 1788
Ion Ratio Lower Upper
117 100
201 0.0 45.3 135.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.570 ug/l

RT: 14.46 min Scan# 2060

Delta R.T. -0.03 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

Instrument :

MSVOA_W

ClientSampled :

TP-ARE

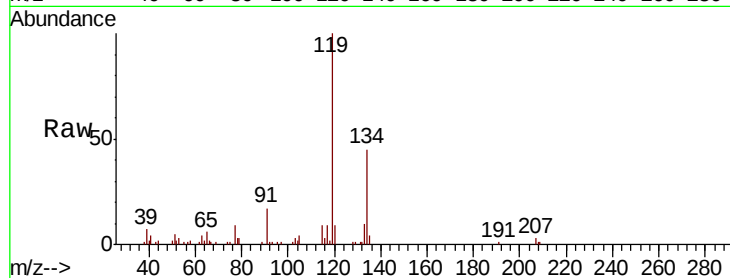
Tot Ion: 75 Resp: 138

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.5#

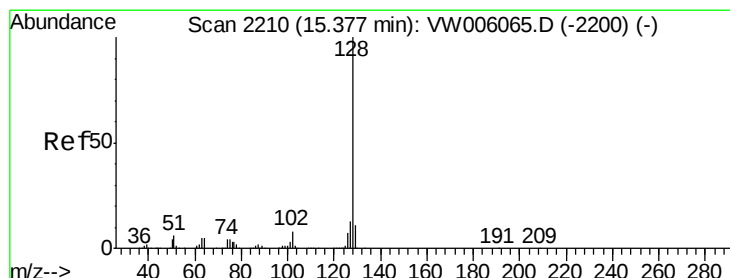
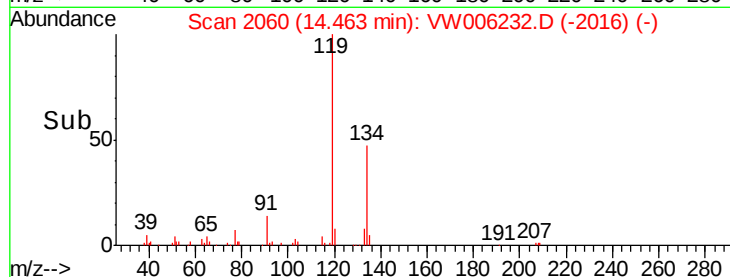
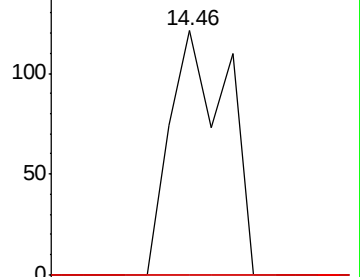
157 0.0 59.8 179.4#



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



#95

Naphthalene

Concen: 1.257 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006232.D

Acq: 19 Oct 2018 18:21

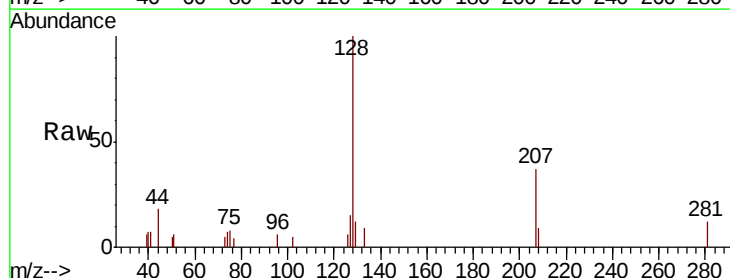
Tgt Ion: 128 Resp: 2258

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

