

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006696.D
 Acq On : 06 Nov 2018 19:34
 Operator : SY/AP
 Sample : J5812-17
 Misc : 5.89G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP3-A

Quant Time: Nov 07 11:28:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

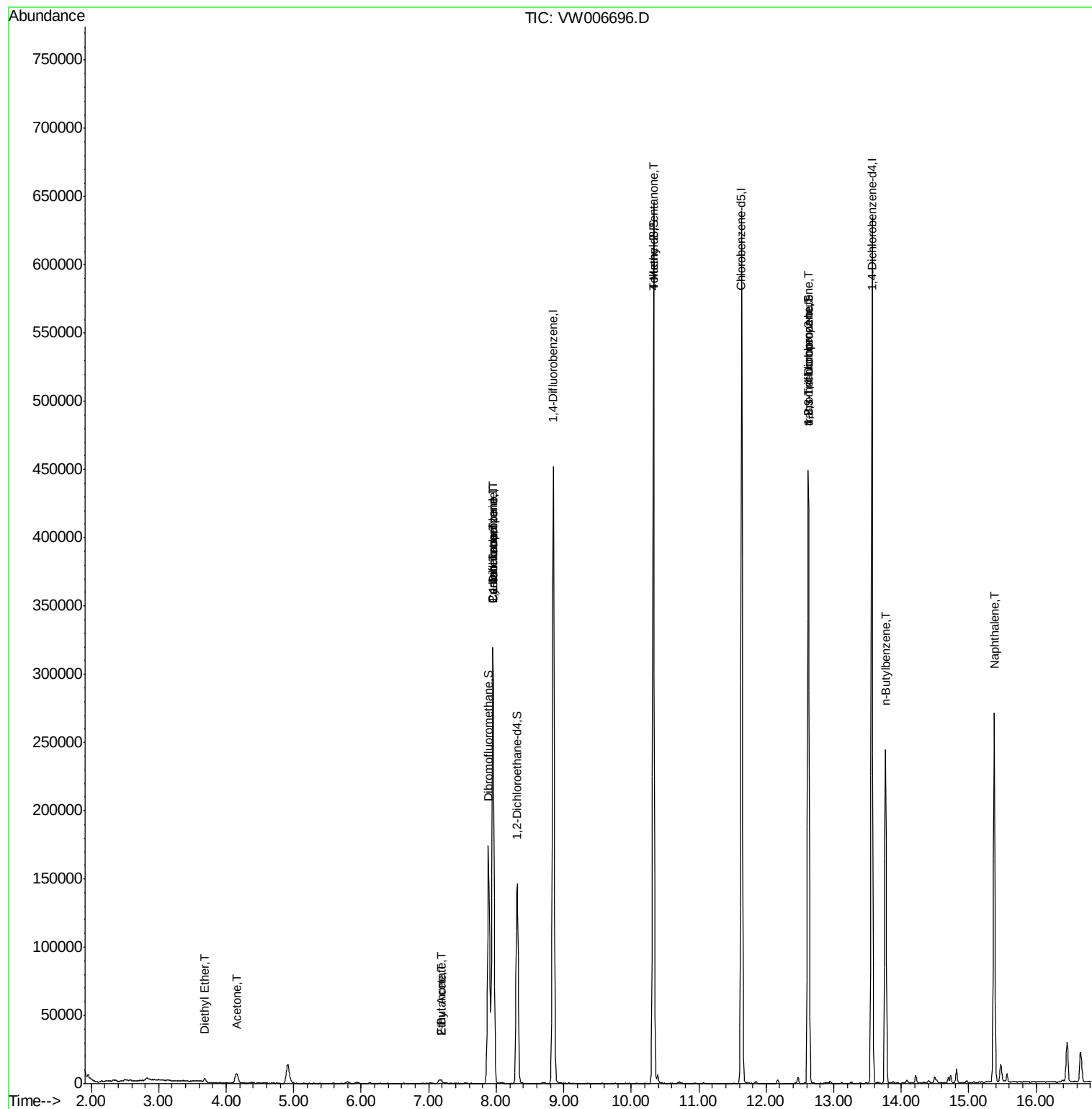
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	411163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115880	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.88	113	120675	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
50) Toluene-d8	10.33	98	440839	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.62	95	139182	39.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.16%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1826	1.618	ug/l	85
16) Acetone	4.15	43	15182	41.903	ug/l	100
20) Methylene Chloride	4.92	84	11907	Below Cal		96
25) 2-Butanone	7.19	43	2026	3.919	ug/l	96
31) Cyclohexane	7.95	56	4251	1.189	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	16204	4.481	ug/l #	48
37) Ethyl Acetate	7.19	43	2026	1.617	ug/l #	66
38) Carbon Tetrachloride	7.95	117	22648	5.994	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1599	1.245	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	68016	47.341	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68016	118.736	ug/l #	11
89) n-Butylbenzene	13.77	91	19125	1.860	ug/l #	42
95) Naphthalene	15.38	128	235839	35.470	ug/l	99

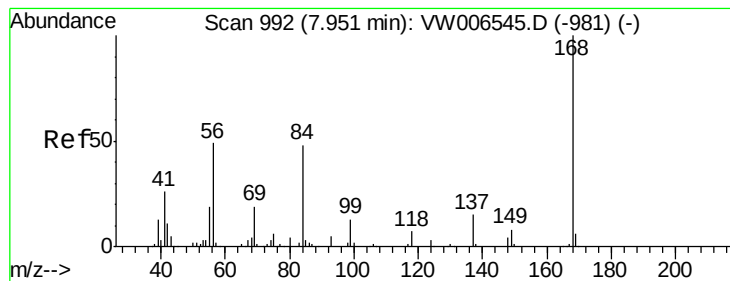
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
Data File : VW006696.D
Acq On : 06 Nov 2018 19:34
Operator : SY/AP
Sample : J5812-17
Misc : 5.89G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP3-A

Quant Time: Nov 07 11:28:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
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: VW006696.D

Acq: 06 Nov 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

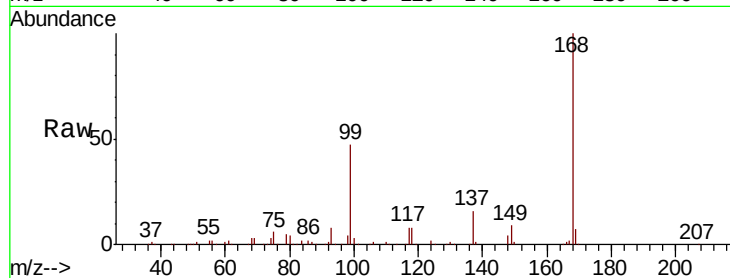
TP3-A

Tot Ion:168 Resp: 261070

Ion Ratio Lower Upper

168 100

99 46.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

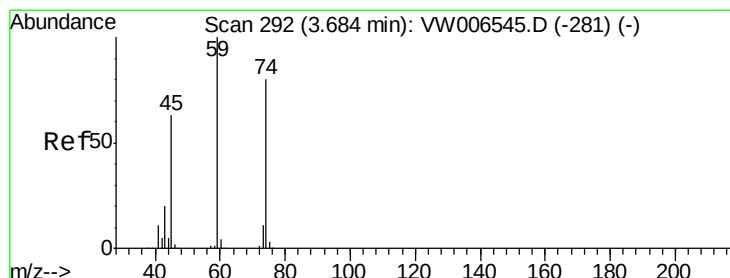
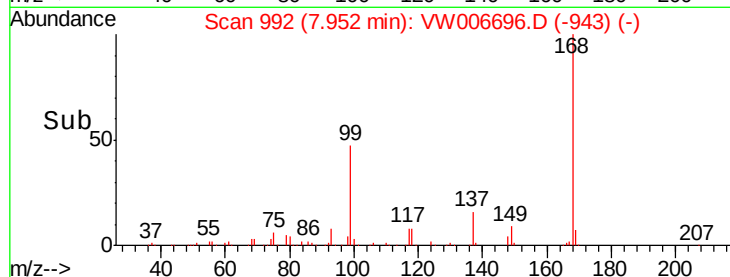
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.618 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006696.D

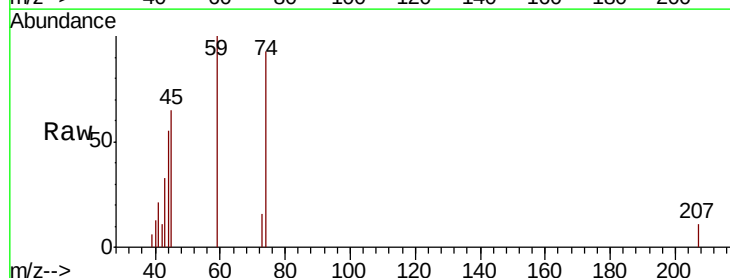
Acq: 06 Nov 2018 19:34

Tgt Ion: 74 Resp: 1826

Ion Ratio Lower Upper

74 100

45 95.3 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

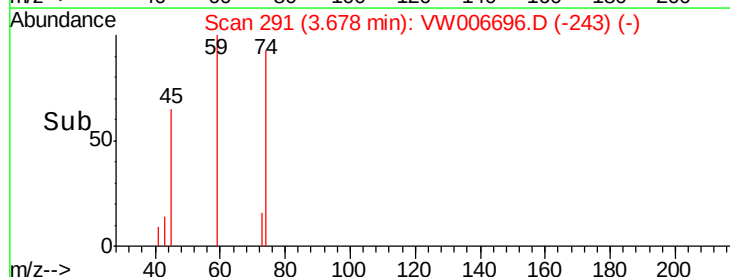
600

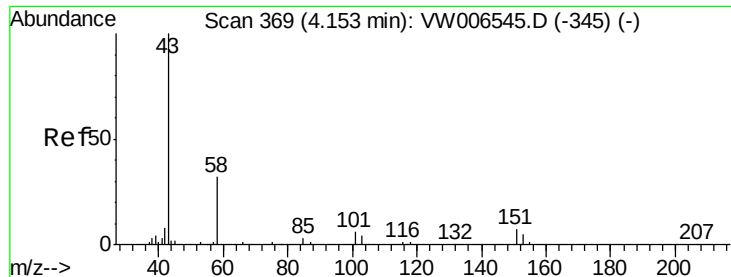
400

200

0

Time-->





#16

Acetone

Concen: 41.903 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW006696.D

Acq: 06 Nov 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

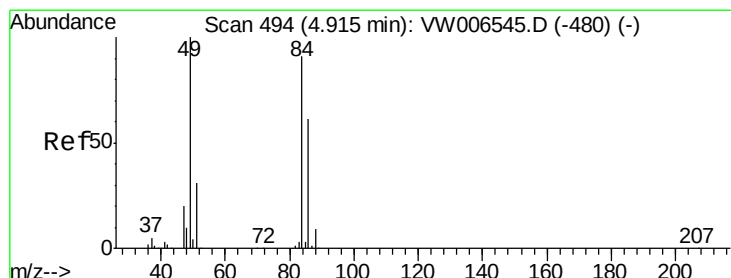
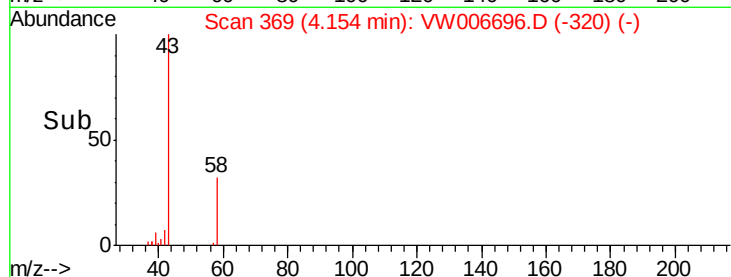
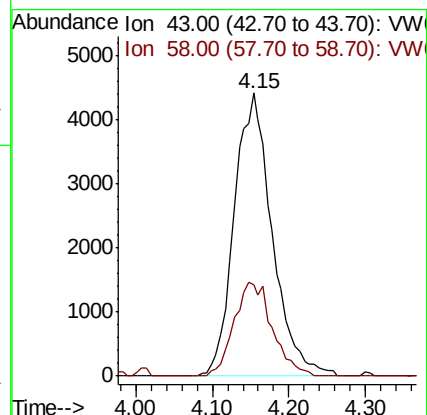
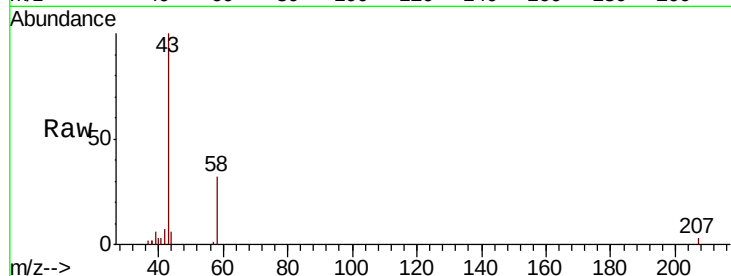
TP3-A

Tot Ion: 43 Resp: 15182

Ion Ratio Lower Upper

43 100

58 32.3 25.8 38.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006696.D

Acq: 06 Nov 2018 19:34

Tgt Ion: 84 Resp: 11907

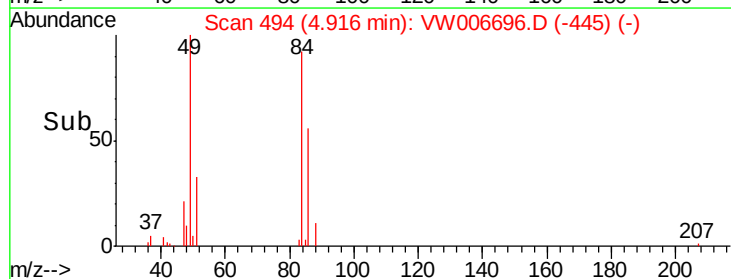
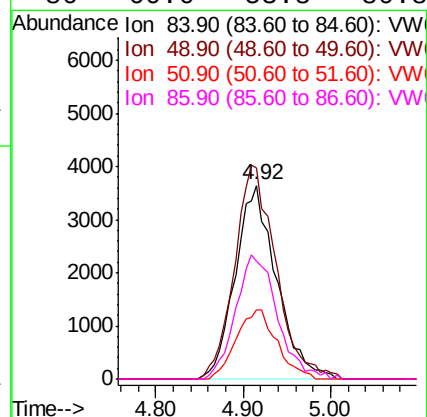
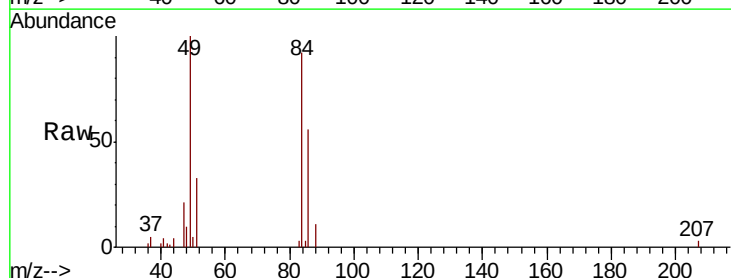
Ion Ratio Lower Upper

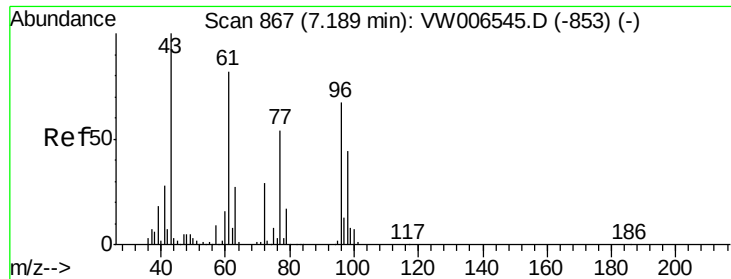
84 100

49 108.9 88.2 132.4

51 35.7 27.0 40.6

86 60.6 53.8 80.8





#25

2-Butanone

Concen: 3.919 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: VW006696.D

Acq: 06 Nov 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

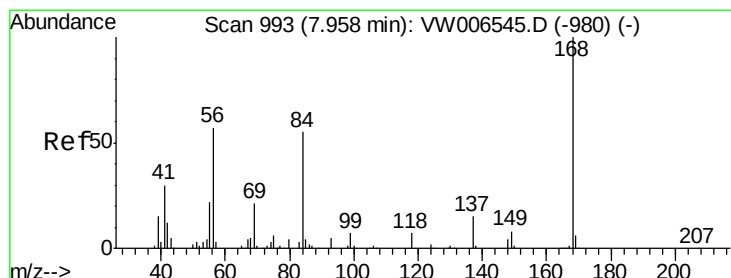
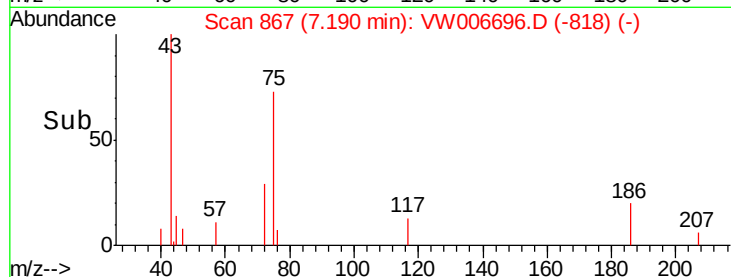
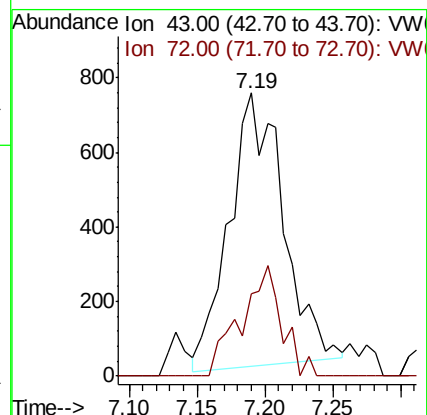
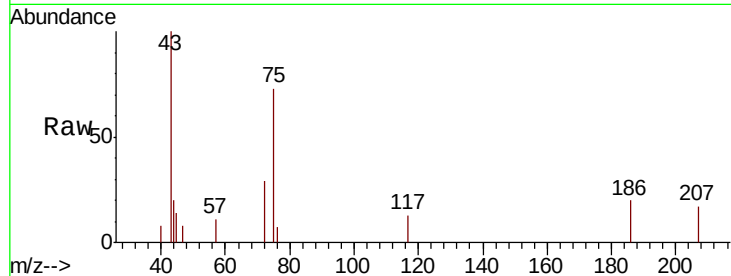
TP3-A

Tot Ion: 43 Resp: 2026

Ion Ratio Lower Upper

43 100

72 31.3 23.2 34.8



#31

Cyclohexane

Concen: 1.189 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006696.D

Acq: 06 Nov 2018 19:34

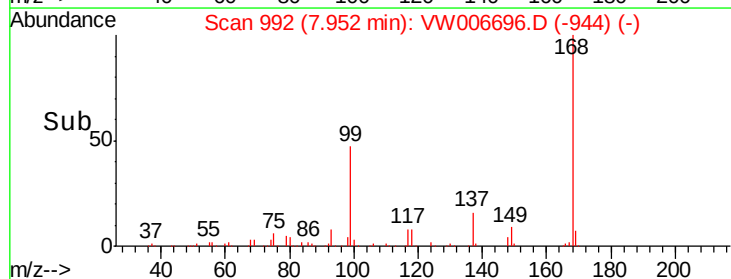
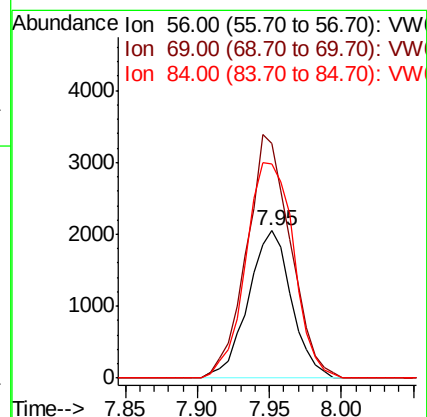
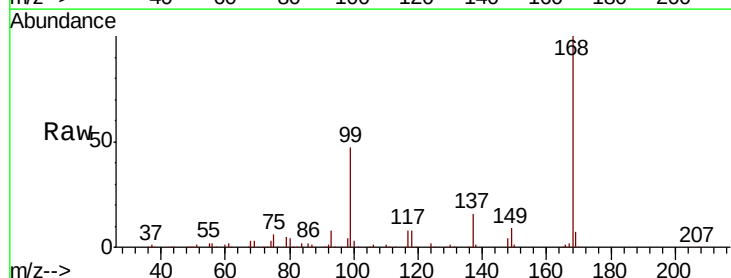
Tgt Ion: 56 Resp: 4251

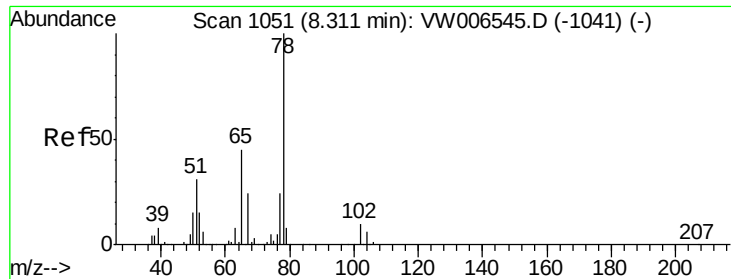
Ion Ratio Lower Upper

56 100

69 159.1 29.0 43.4#

84 144.9 77.8 116.6#

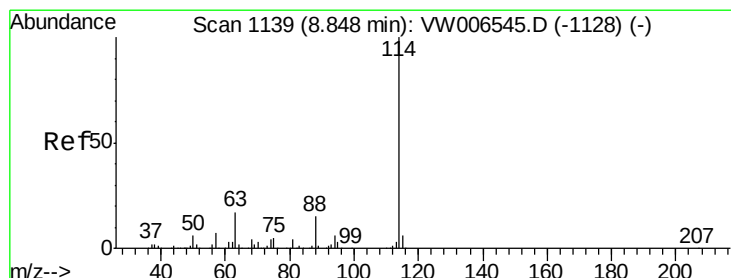
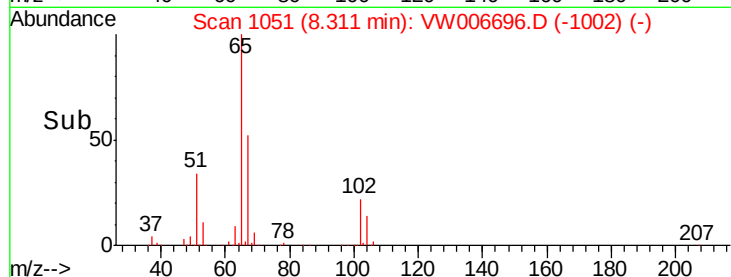
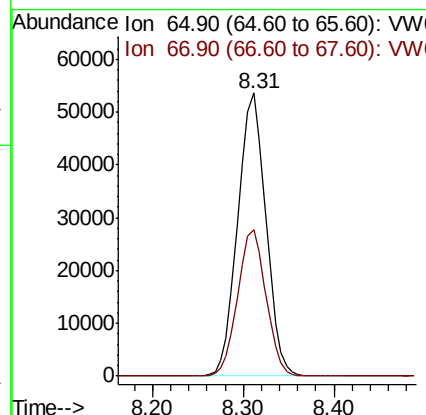
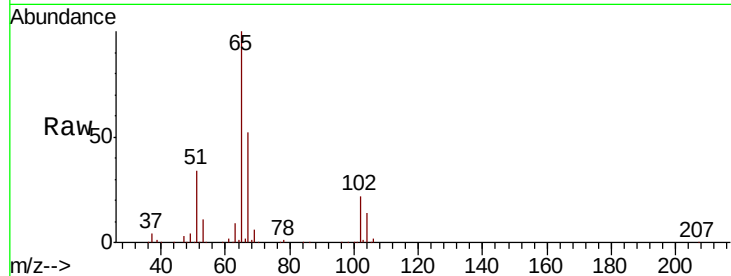




#33
 1,2-Dichloroethane-d4
 Concen: 51.637 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006696.D
 Acq: 06 Nov 2018 19:34

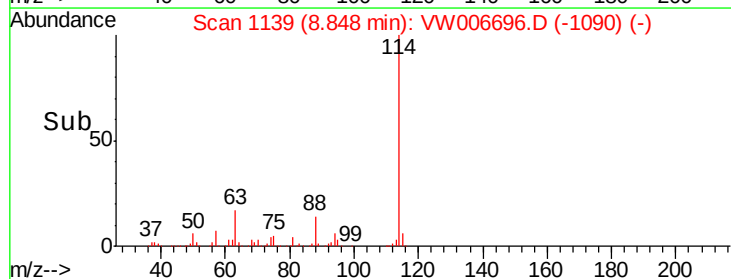
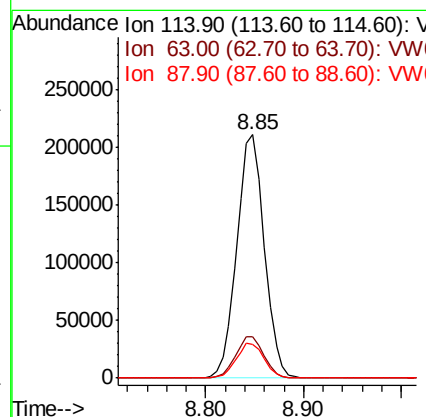
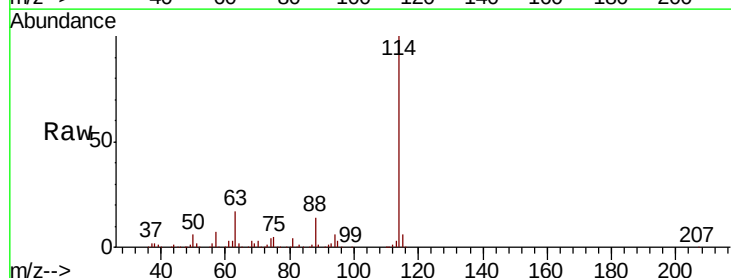
Instrument :
 MSVOA_W
 ClientSampleId :
 TP3-A

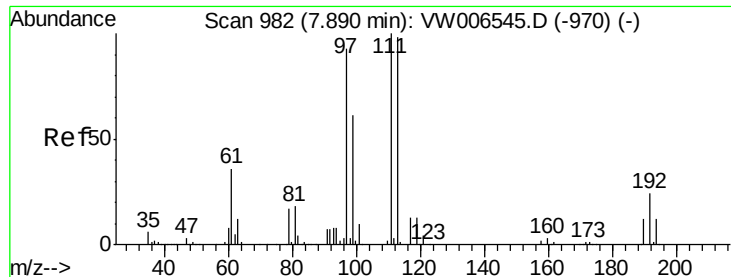
Tot Ion: 65 Resp: 115880
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006696.D
 Acq: 06 Nov 2018 19:34

Tgt Ion: 114 Resp: 411163
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.4
 88 14.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.766 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006696.D

Acq: 06 Nov 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

TP3-A

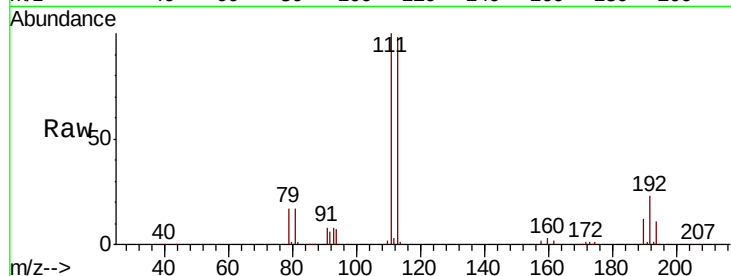
Tot Ion:113 Resp: 120675

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

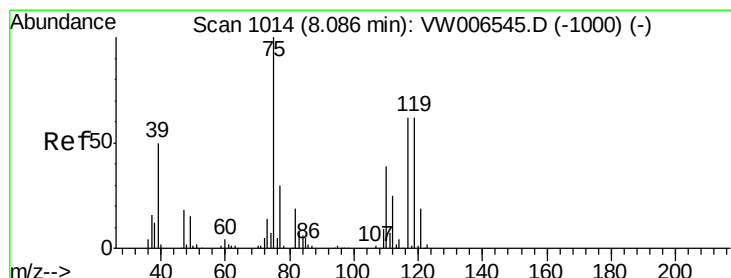
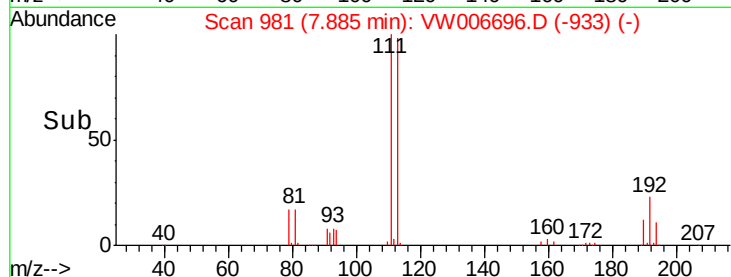
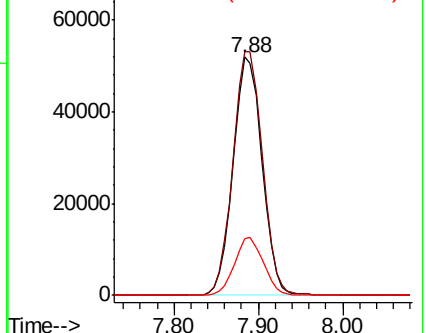
192 24.0 19.0 28.6



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: 4.481 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006696.D

Acq: 06 Nov 2018 19:34

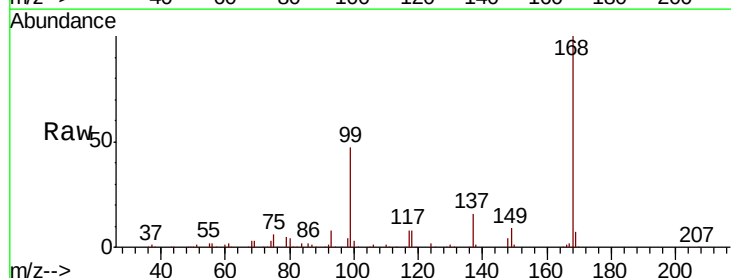
Tgt Ion: 75 Resp: 16204

Ion Ratio Lower Upper

75 100

110 9.4 19.5 58.5#

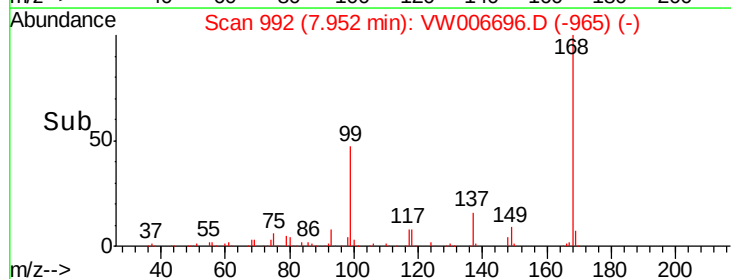
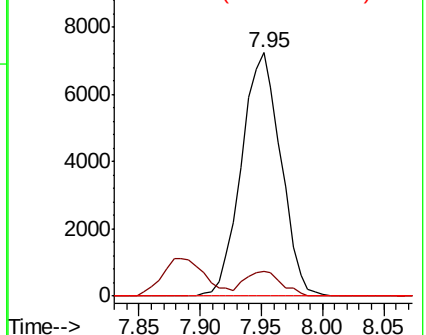
77 0.0 24.6 37.0#

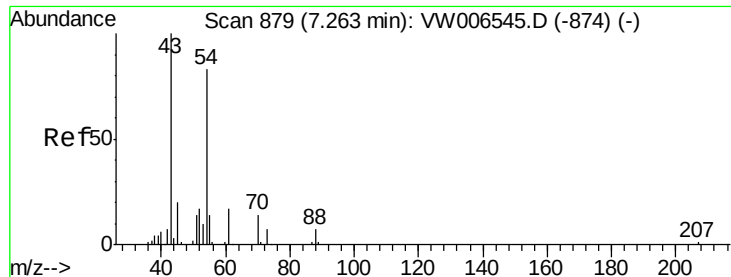


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

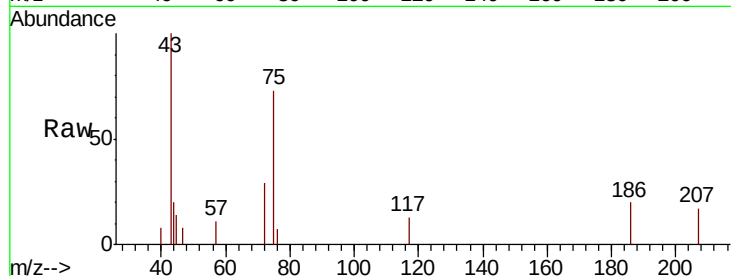




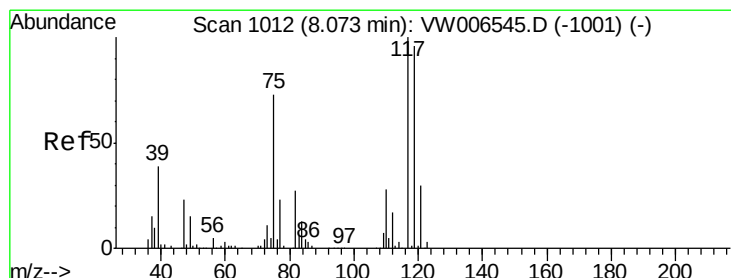
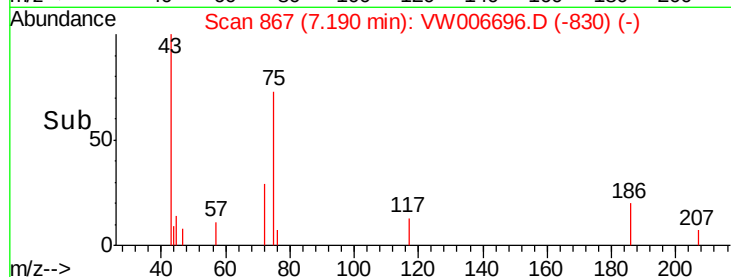
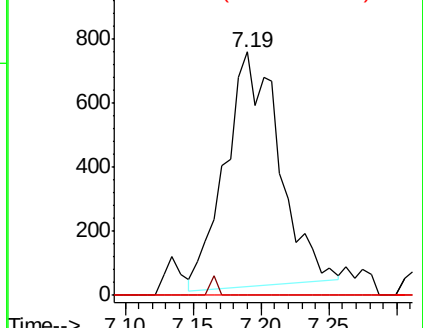
#37
Ethyl Acetate
Concen: 1.617 ug/l
RT: 7.19 min Scan# 867
Delta R.T. -0.07 min
Lab File: VW006696.D
Acq: 06 Nov 2018 19:34

Instrument :
MSVOA_W
ClientSampled :
TP3-A

Tot Ion: 43 Resp: 2026
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 9.8 14.6#

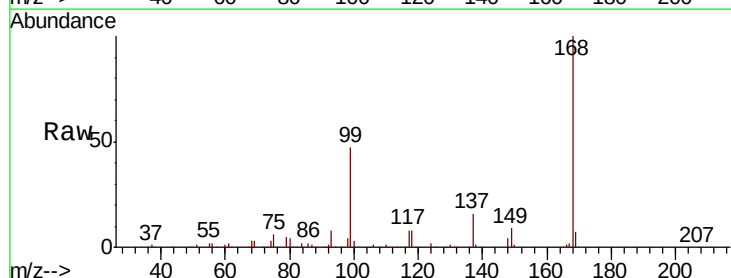


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

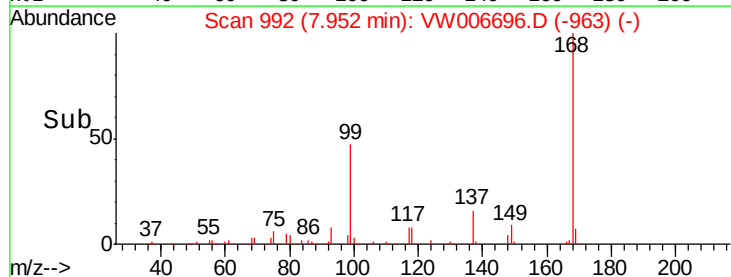
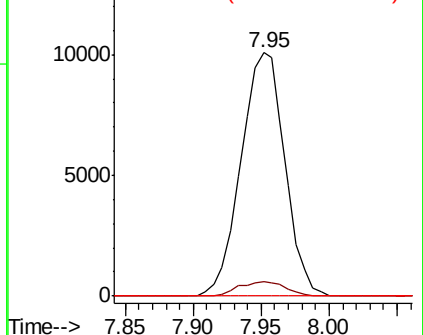


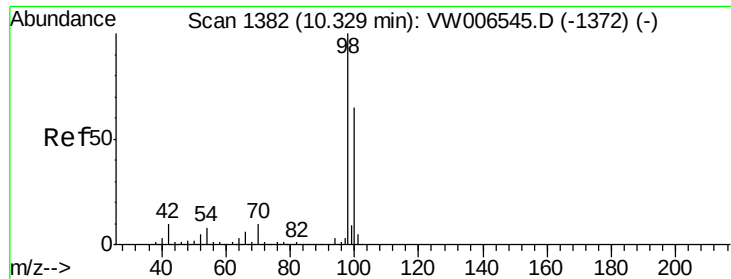
#38
Carbon Tetrachloride
Concen: 5.994 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006696.D
Acq: 06 Nov 2018 19:34

Tgt Ion: 117 Resp: 22648
Ion Ratio Lower Upper
117 100
119 5.7 76.3 114.5#
121 0.0 24.1 36.1#



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

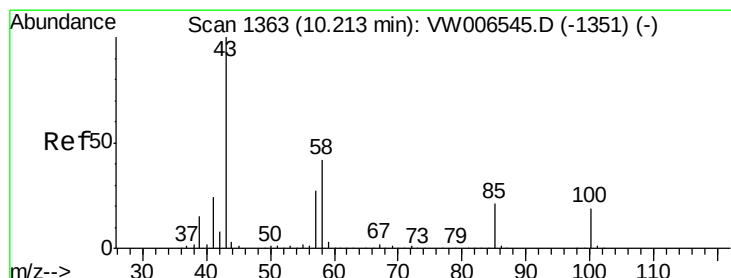
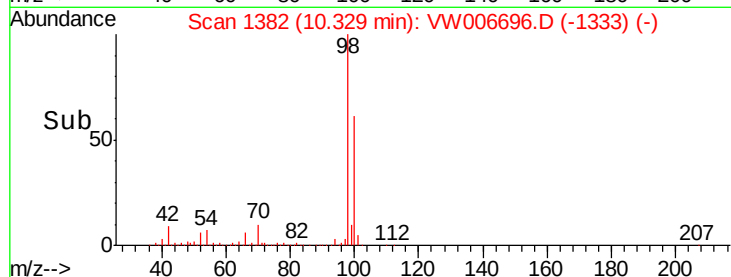
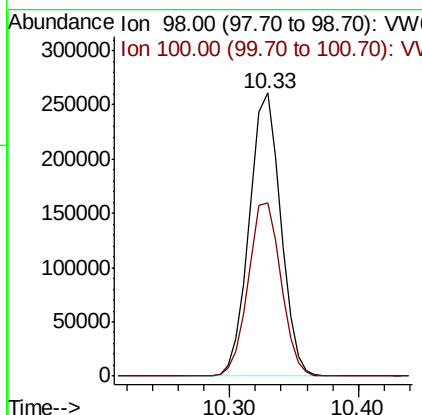
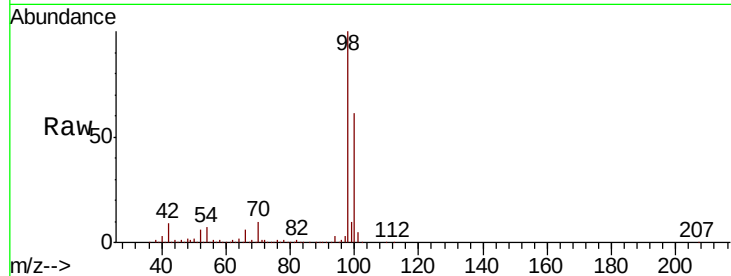




#50
Toluene-d8
Concen: 44.878 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006696.D
Acq: 06 Nov 2018 19:34

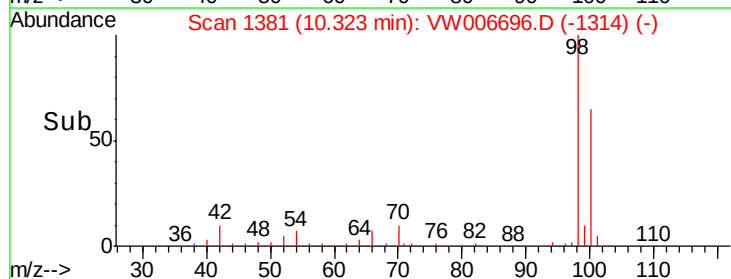
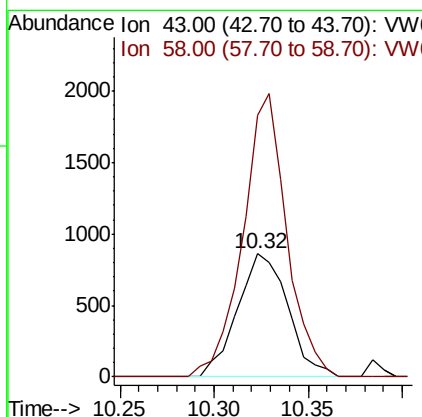
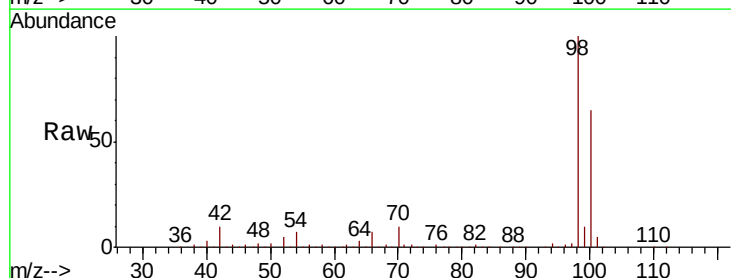
Instrument :
MSVOA_W
ClientSampleId :
TP3-A

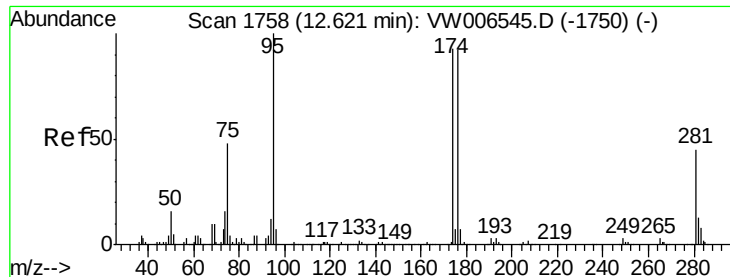
Tot Ion: 98 Resp: 440839
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.245 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW006696.D
Acq: 06 Nov 2018 19:34

Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
58 199.4 33.4 50.0#

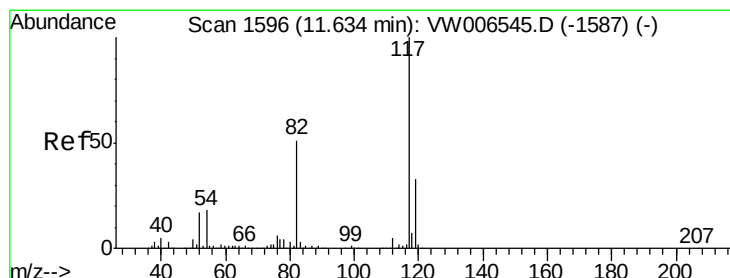
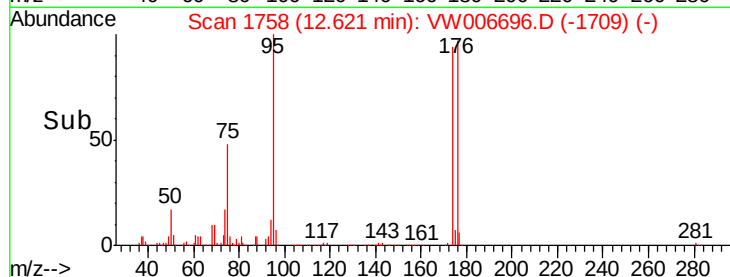
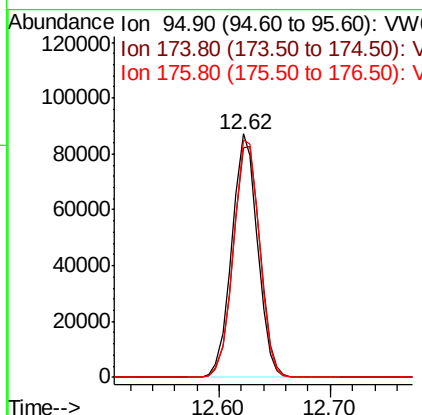
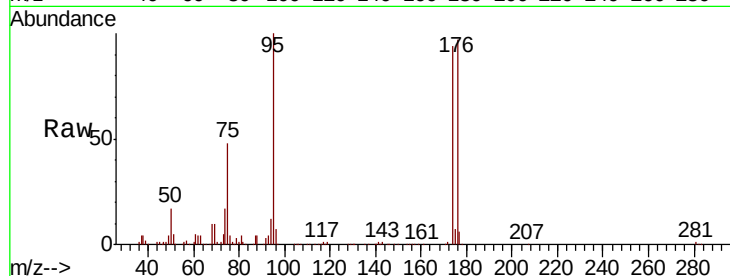




#62
4-Bromofluorobenzene
Concen: 39.083 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006696.D
Acq: 06 Nov 2018 19:34

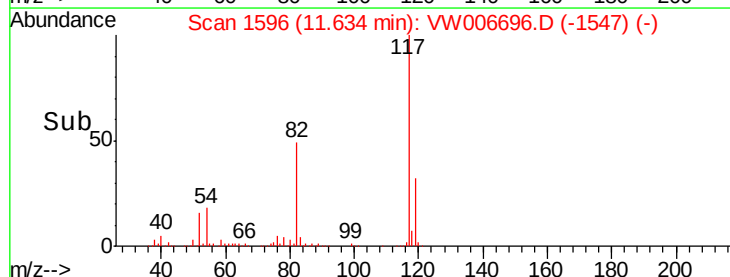
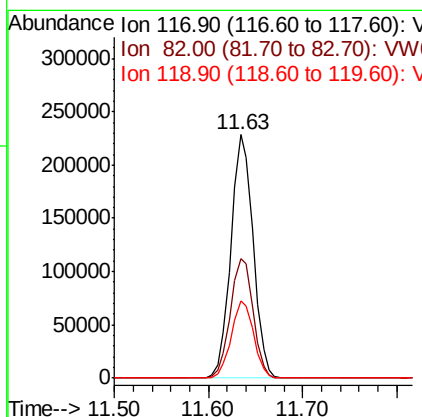
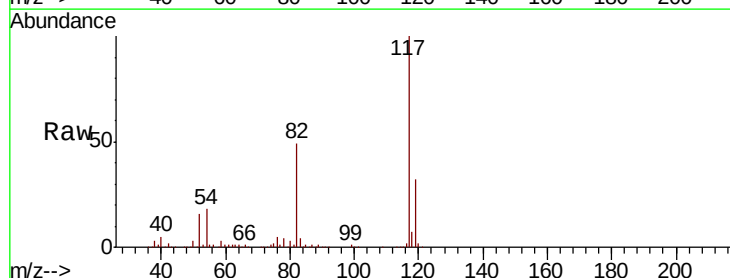
Instrument :
MSVOA_W
ClientSampleId :
TP3-A

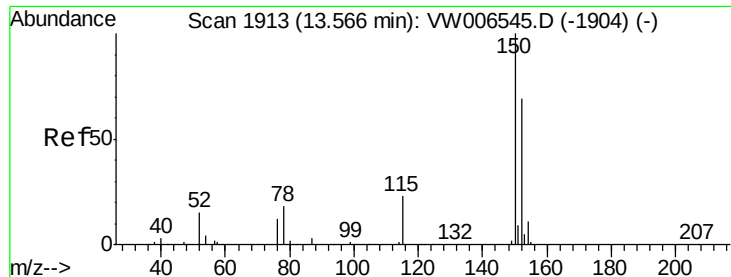
Tot Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	192.4
176	98.7	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006696.D
Acq: 06 Nov 2018 19:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.1	40.8	61.2
119	31.9	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006696.D

Acq: 06 Nov 2018 19:34

Instrument :

MSVOA_W

ClientSampleId :

TP3-A

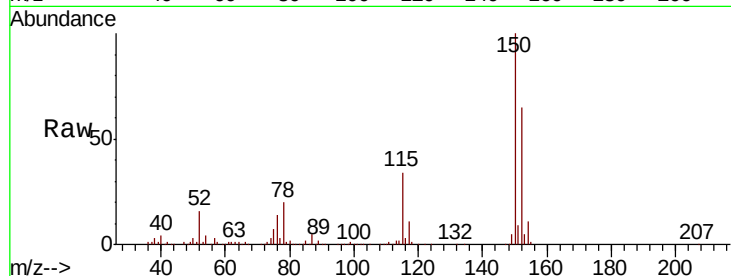
Tot Ion:152 Resp: 184142

Ion Ratio Lower Upper

152 100

115 54.6 26.6 79.8

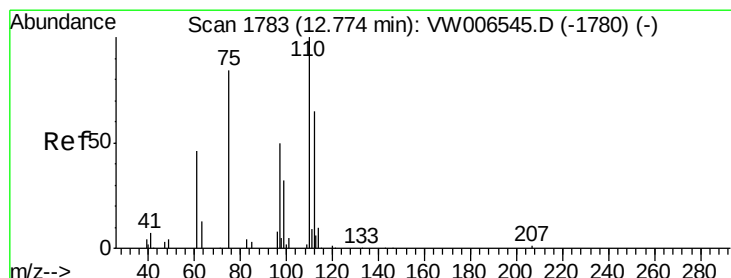
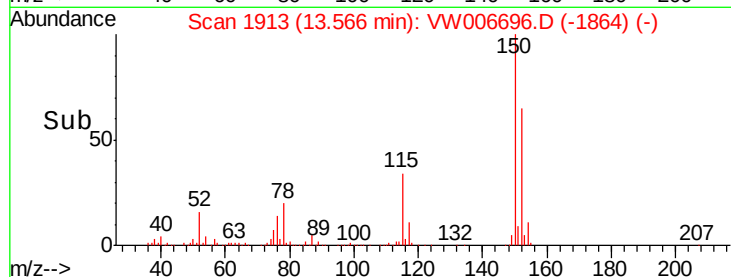
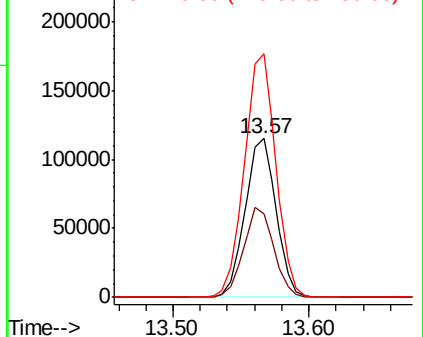
150 155.1 0.0 344.6



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



#76

1,2,3-Trichloropropane

Concen: 47.341 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006696.D

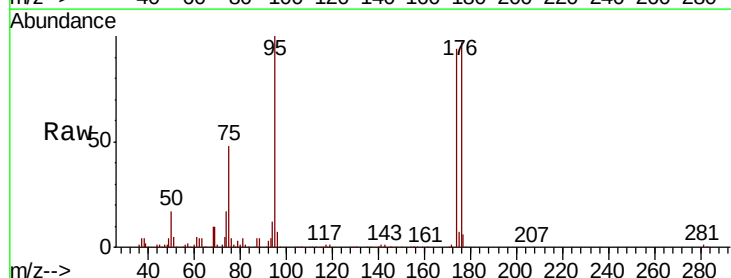
Acq: 06 Nov 2018 19:34

Tgt Ion: 75 Resp: 68016

Ion Ratio Lower Upper

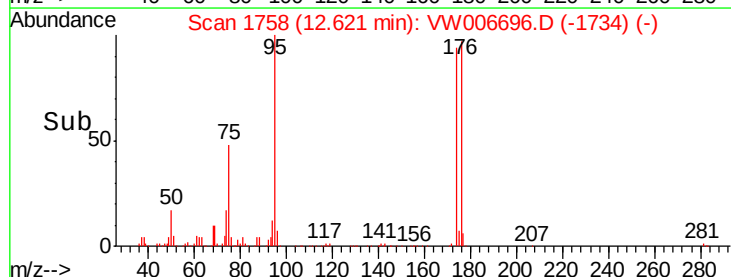
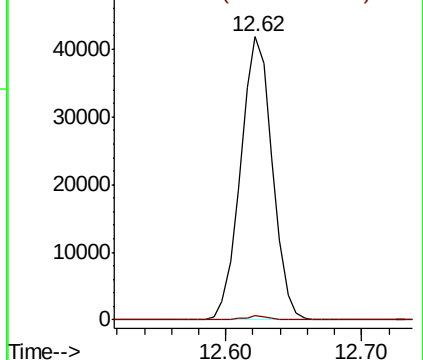
75 100

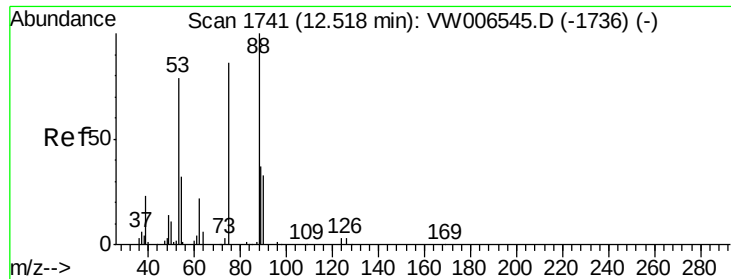
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

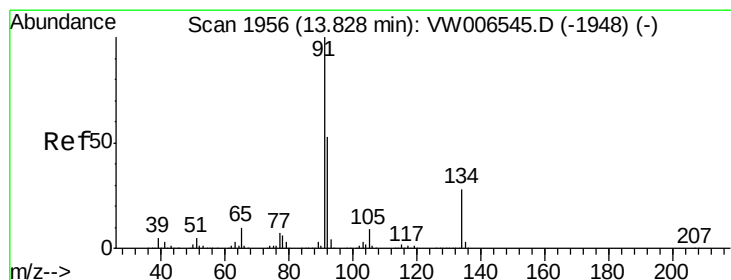
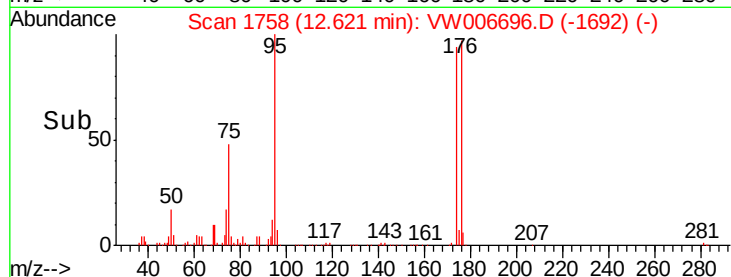
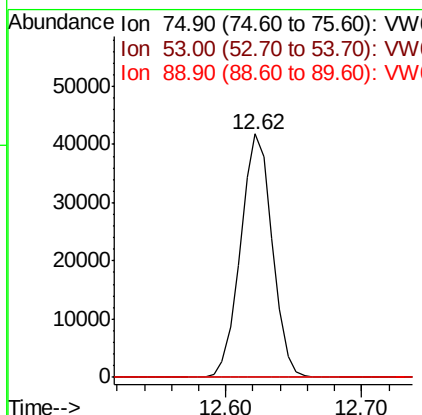
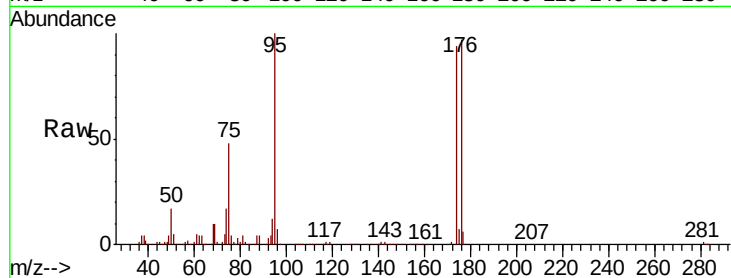




#81
trans-1,4-Dichloro-2-butene
Concen: 118.736 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006696.D
Acq: 06 Nov 2018 19:34

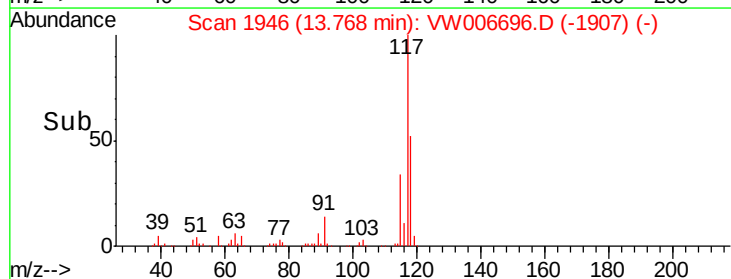
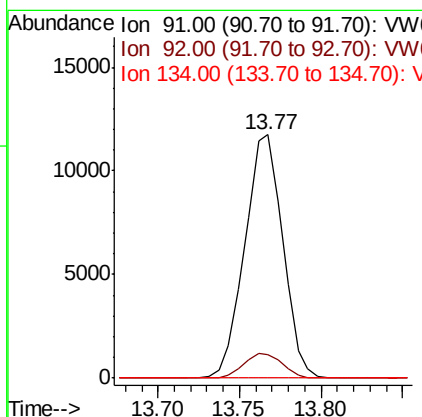
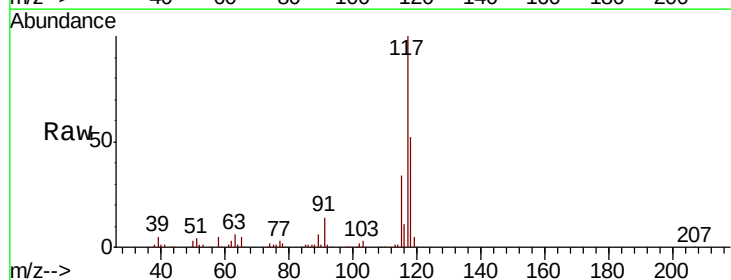
Instrument :
MSVOA_W
ClientSampled :
TP3-A

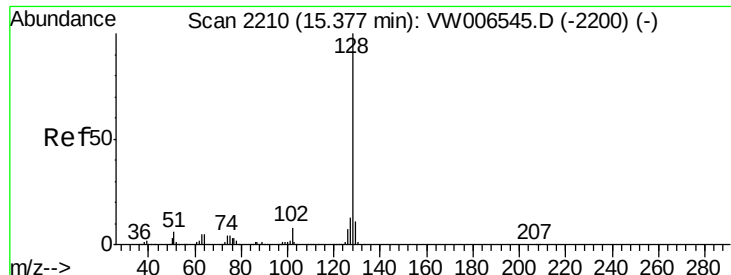
Tot Ion: 75 Resp: 68016
Ion Ratio Lower Upper
75 100
53 0.0 77.2 115.8#
89 0.0 38.6 58.0#



#89
n-Butylbenzene
Concen: 1.860 ug/l
RT: 13.77 min Scan# 1946
Delta R.T. -0.06 min
Lab File: VW006696.D
Acq: 06 Nov 2018 19:34

Tgt Ion: 91 Resp: 19125
Ion Ratio Lower Upper
91 100
92 10.3 26.4 79.0#
134 0.0 14.3 42.9#

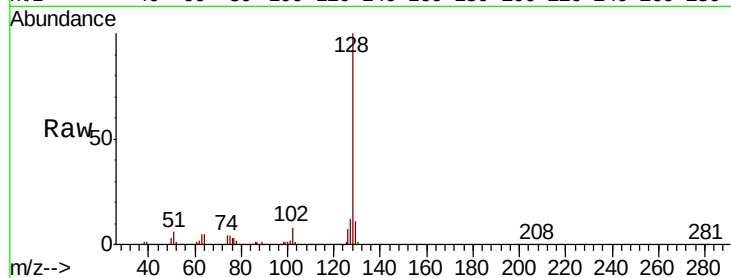




#95
Naphthalene
Concen: 35.470 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006696.D
Acq: 06 Nov 2018 19:34

Instrument :
MSVOA_W
ClientSampleId :
TP3-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.1	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

