

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006616.D
 Acq On : 02 Nov 2018 21:43
 Operator : SY/AP
 Sample : J5741-43
 Misc : 6.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11

Quant Time: Nov 03 00:28:07 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

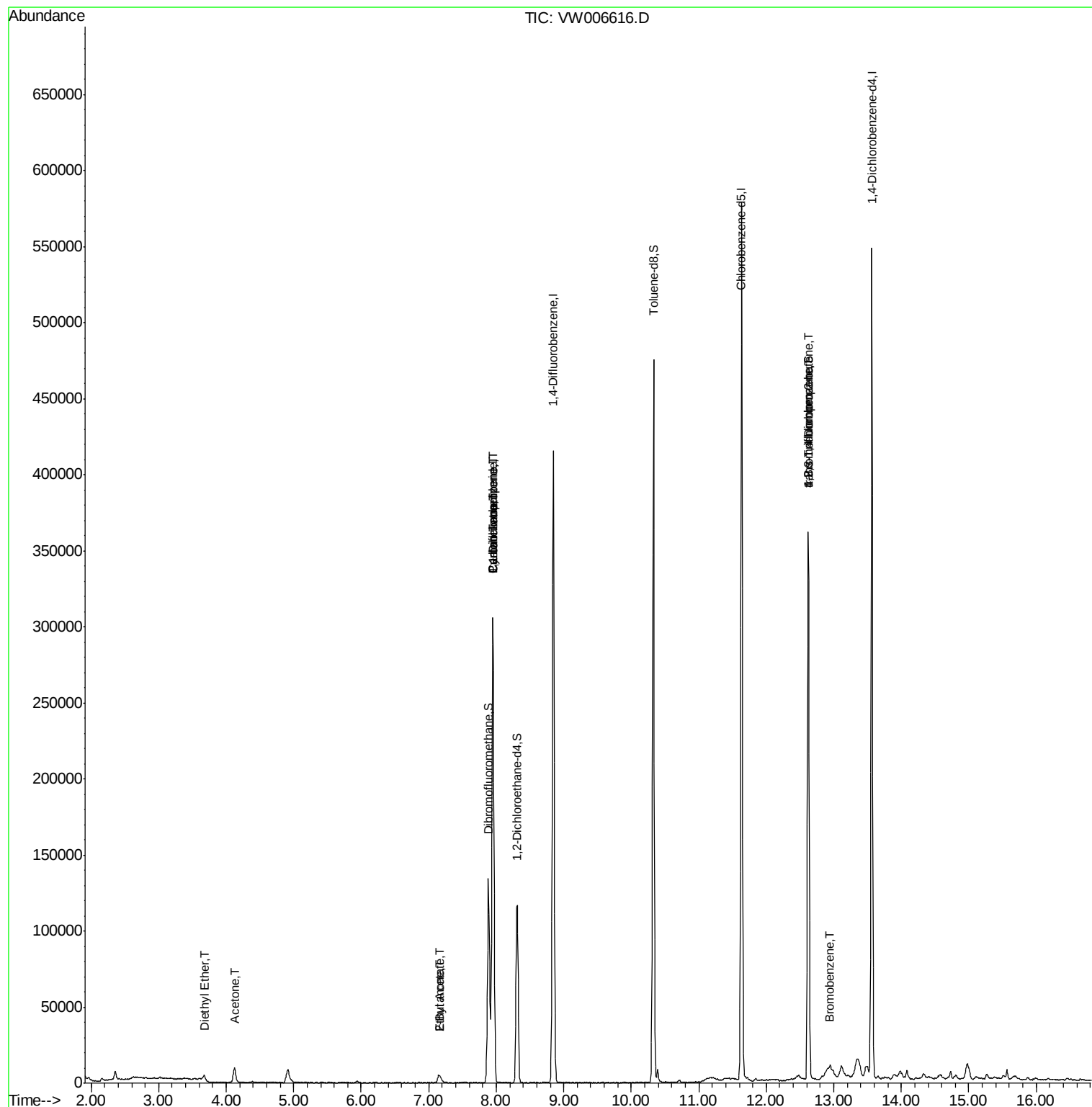
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	374143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93708	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
35) Dibromofluoromethane	7.88	113	93553	39.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.68%	
50) Toluene-d8	10.33	98	333285	37.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.58%	
62) 4-Bromofluorobenzene	12.62	95	109789	33.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.76%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1834	1.676	ug/l	77
16) Acetone	4.12	43	16409	46.714	ug/l	99
20) Methylene Chloride	4.91	84	8134	Below Cal		93
25) 2-Butanone	7.17	43	3327	6.637	ug/l	92
31) Cyclohexane	7.95	56	3975	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15369	4.671	ug/l #	48
37) Ethyl Acetate	7.17	43	3327	2.918	ug/l #	68
38) Carbon Tetrachloride	7.95	117	21502	6.254	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	54256	44.213	ug/l #	100
77) Bromobenzene	12.93	156	12511	4.664	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	54256	111.068	ug/l #	11

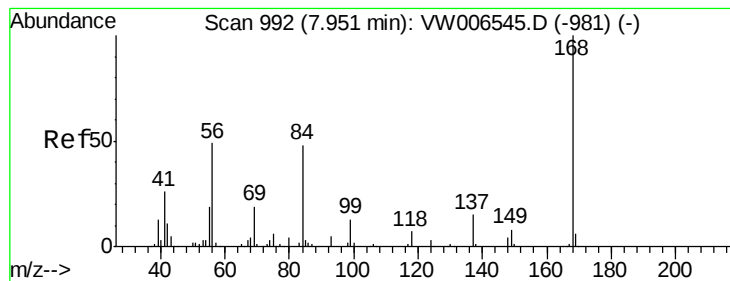
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
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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: VW006616.D

Acq: 02 Nov 2018 21:43

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MSVOA_W

ClientSampleId :

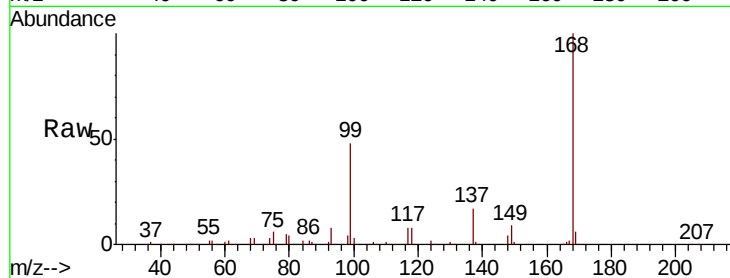
TP-11

Tgt Ion:168 Resp: 253110

Ion Ratio Lower Upper

168 100

99 47.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

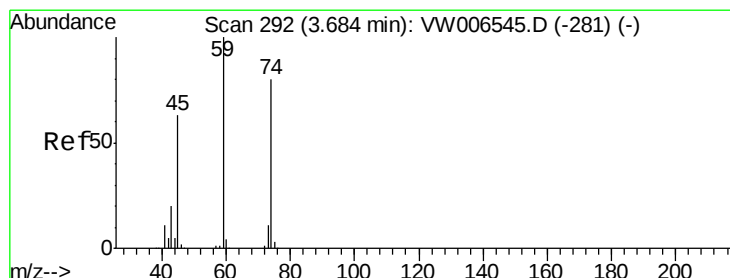
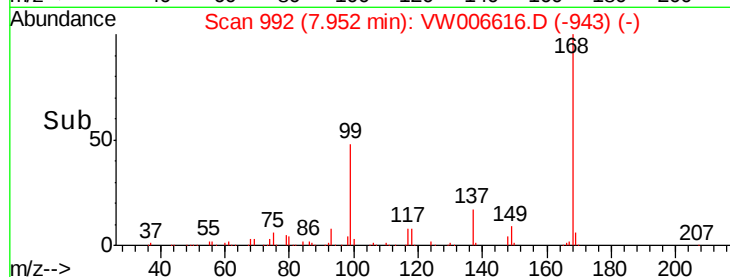
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.676 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006616.D

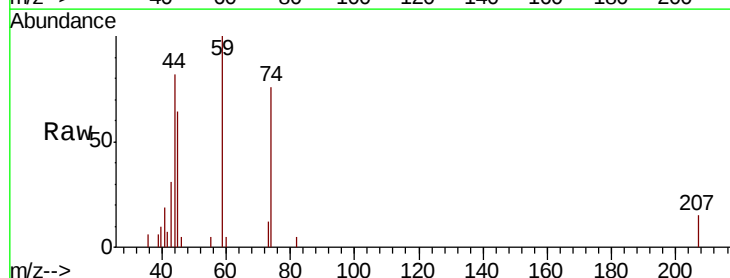
Acq: 02 Nov 2018 21:43

Tgt Ion: 74 Resp: 1834

Ion Ratio Lower Upper

74 100

45 103.1 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

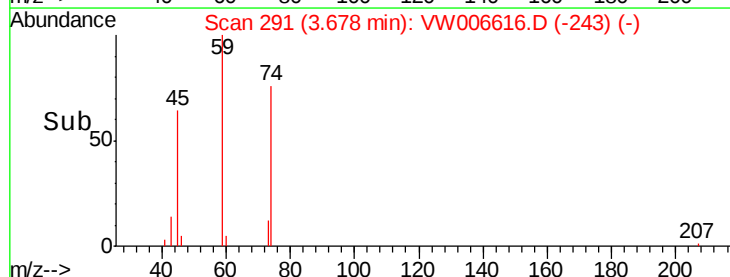
600

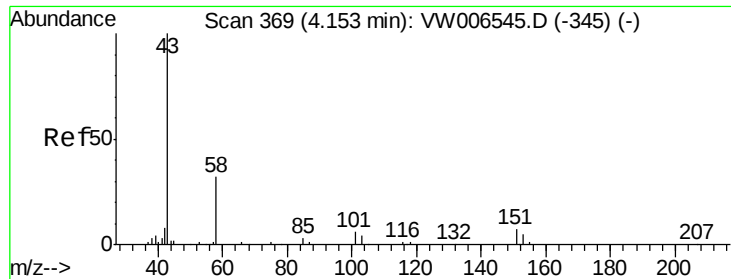
400

200

0

Time-->





#16

Acetone

Concen: 46.714 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006616.D

Acq: 02 Nov 2018 21:43

Instrument :

MSVOA_W

ClientSampled :

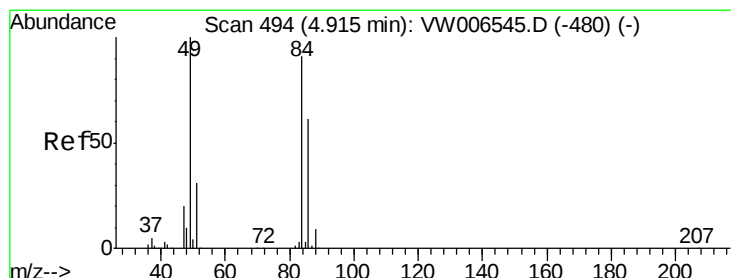
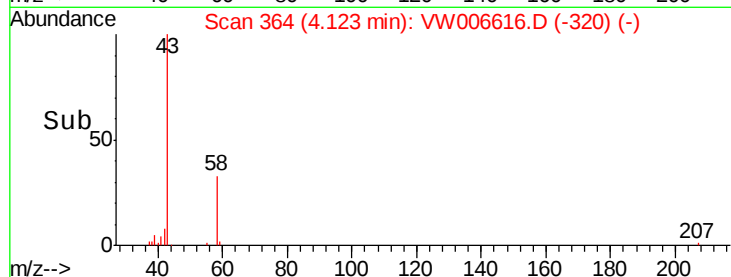
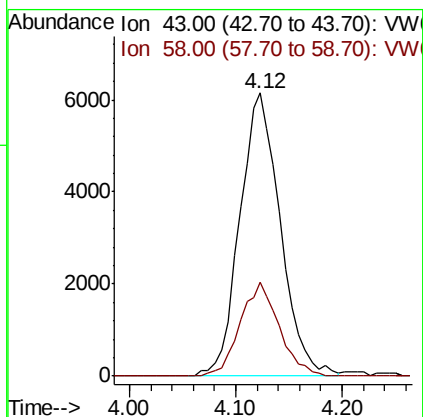
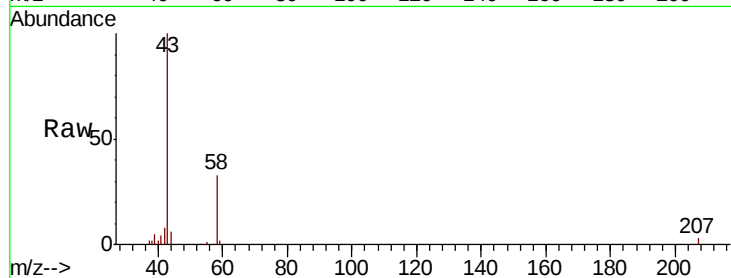
TP-11

Tgt Ion: 43 Resp: 16409

Ion Ratio Lower Upper

43 100

58 33.1 25.8 38.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006616.D

Acq: 02 Nov 2018 21:43

Tgt Ion: 84 Resp: 8134

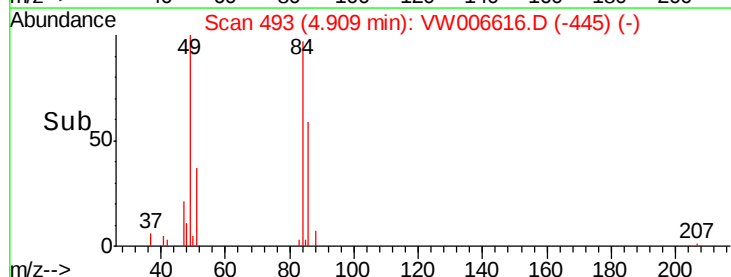
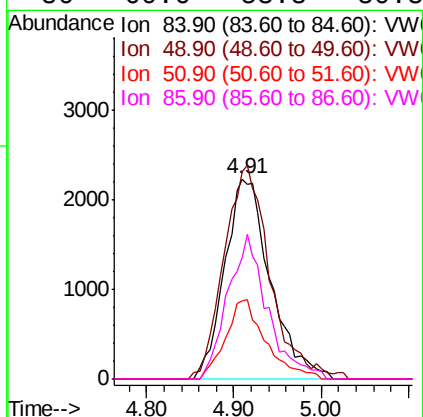
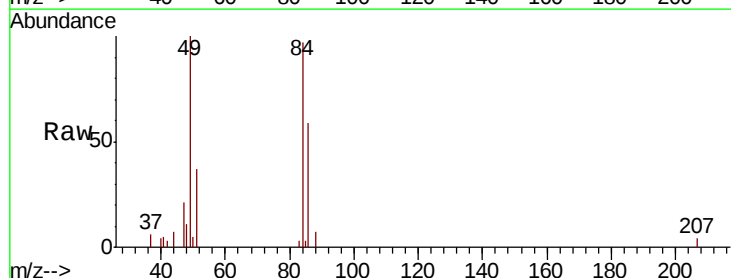
Ion Ratio Lower Upper

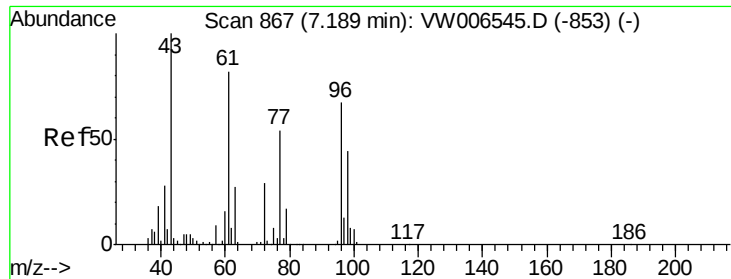
84 100

49 103.6 88.2 132.4

51 38.8 27.0 40.6

86 60.6 53.8 80.8

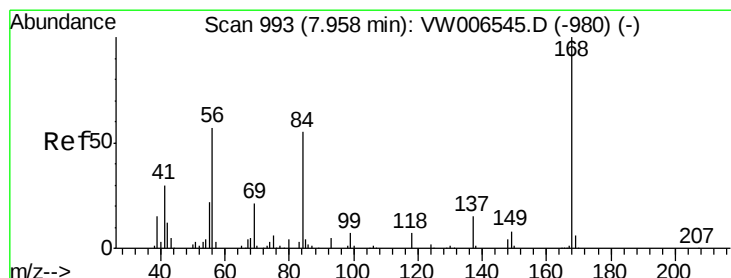
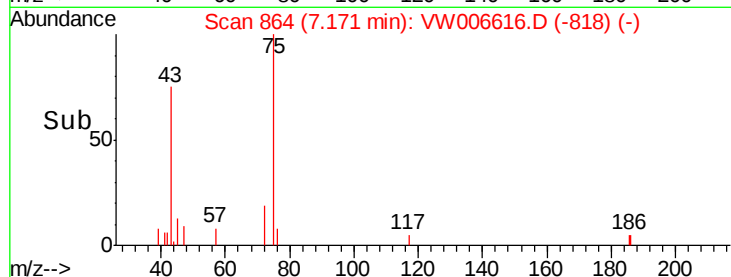
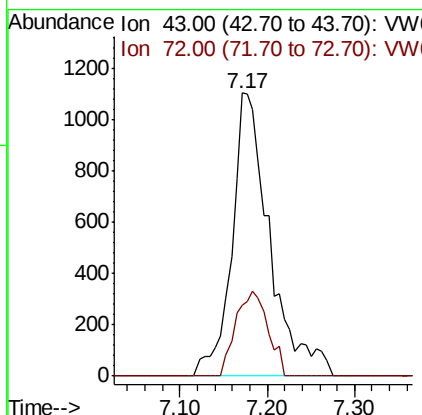
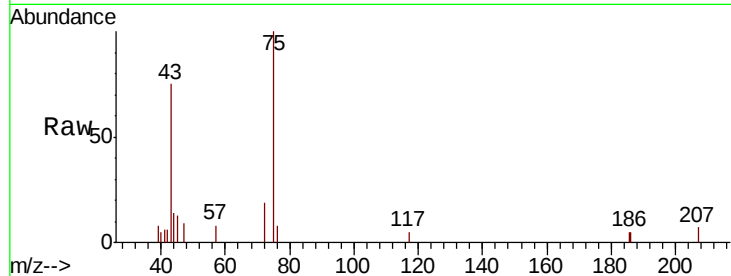




#25
2-Butanone
Concen: 6.637 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: VW006616.D
Acq: 02 Nov 2018 21:43

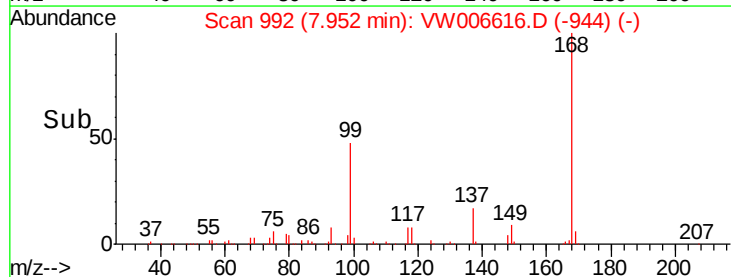
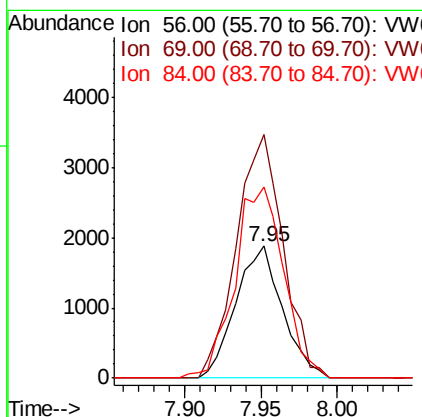
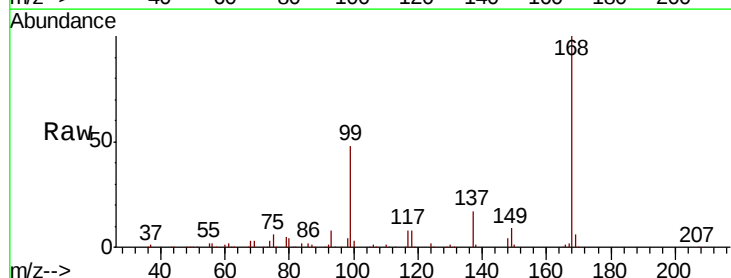
Instrument :
MSVOA_W
ClientSampled :
TP-11

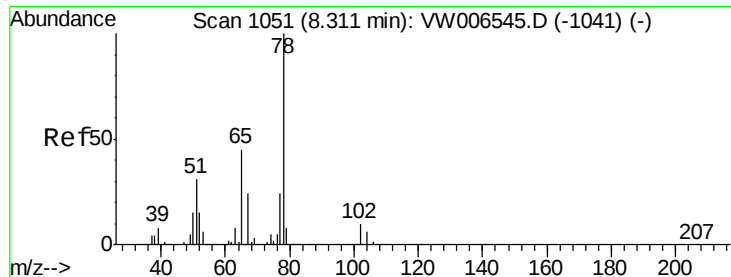
Tgt Ion: 43 Resp: 3327
Ion Ratio Lower Upper
43 100
72 24.9 23.2 34.8



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006616.D
Acq: 02 Nov 2018 21:43

Tgt Ion: 56 Resp: 3975
Ion Ratio Lower Upper
56 100
69 184.7 29.0 43.4#
84 145.2 77.8 116.6#

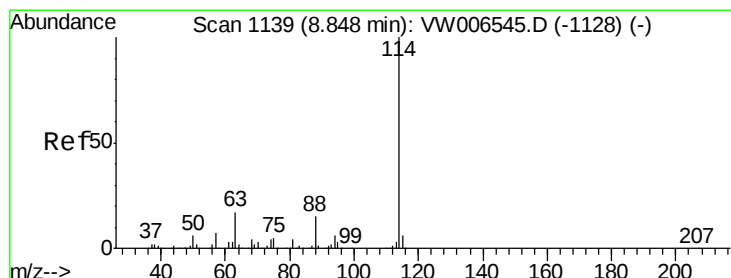
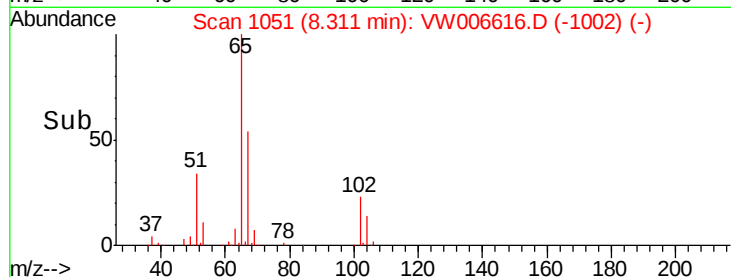
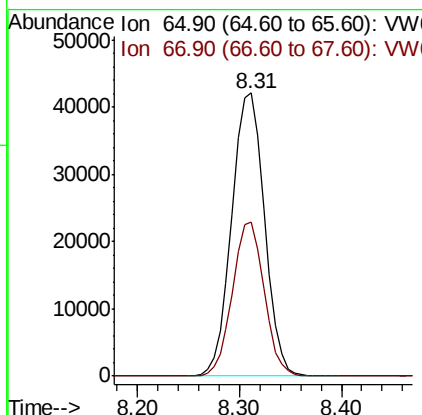
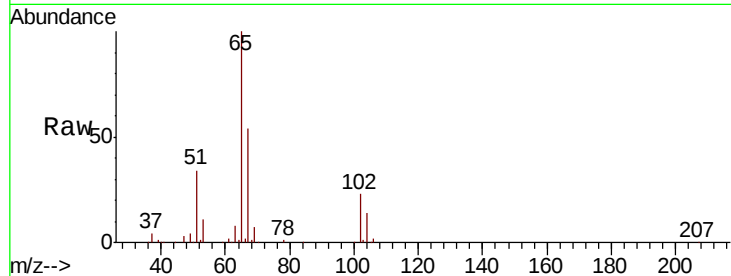




#33
 1,2-Dichloroethane-d4
 Concen: 43.070 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006616.D
 Acq: 02 Nov 2018 21:43

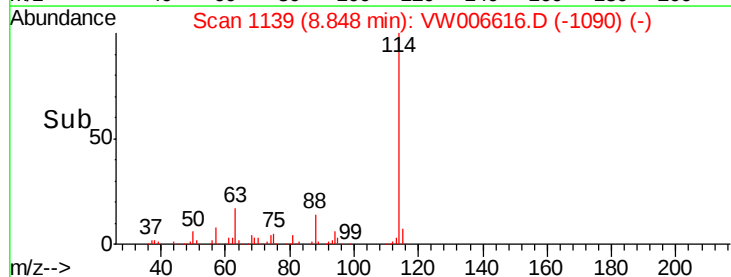
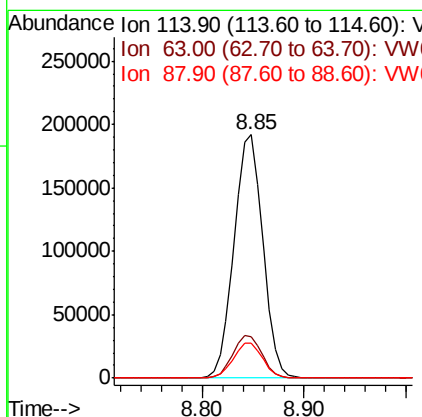
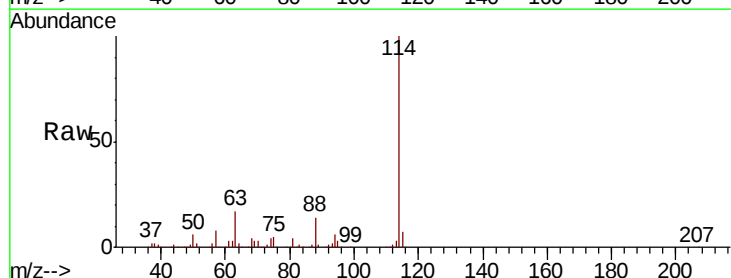
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11

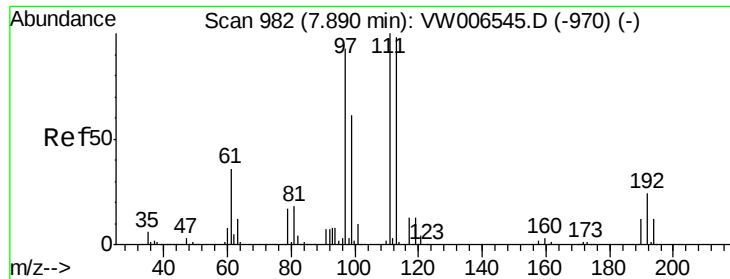
Tgt Ion: 65 Resp: 93708
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006616.D
 Acq: 02 Nov 2018 21:43

Tgt Ion: 114 Resp: 374143
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.4
 88 14.5 0.0 29.0

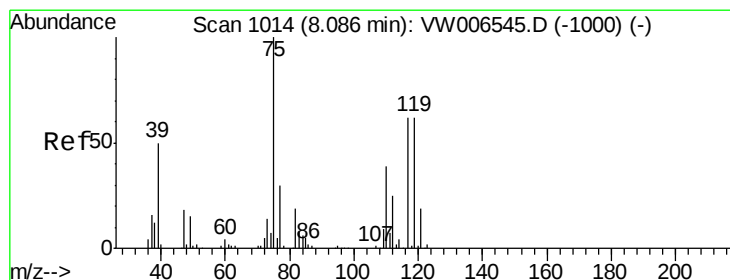
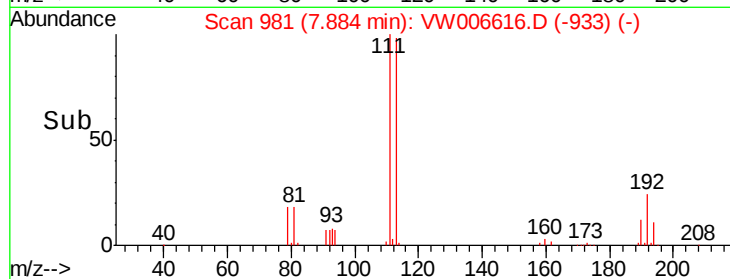
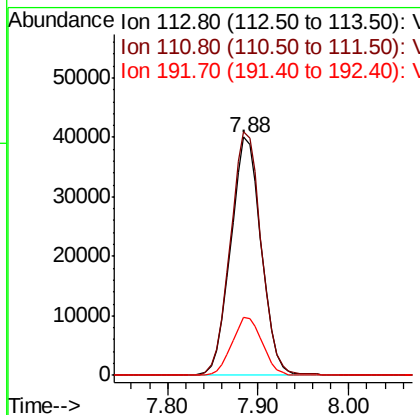
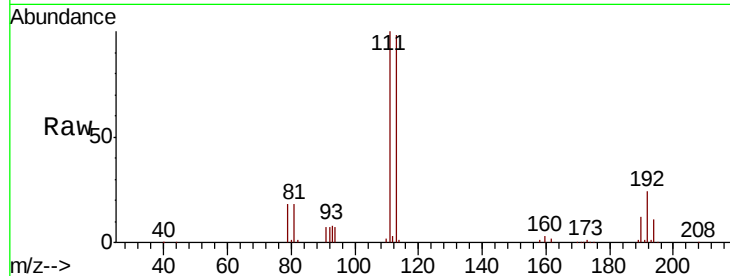




#35
 Dibromofluoromethane
 Concen: 39.843 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006616.D
 Acq: 02 Nov 2018 21:43

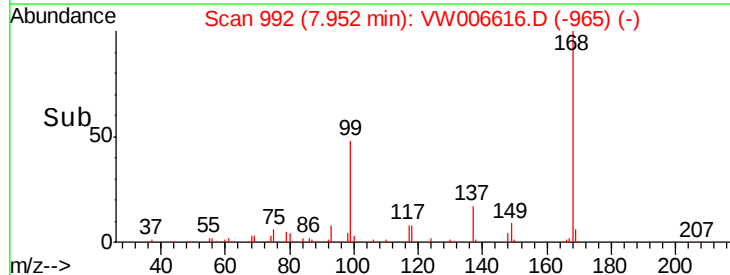
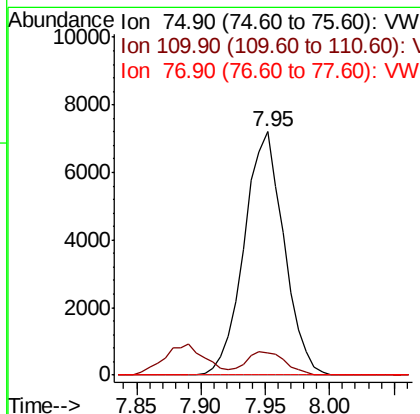
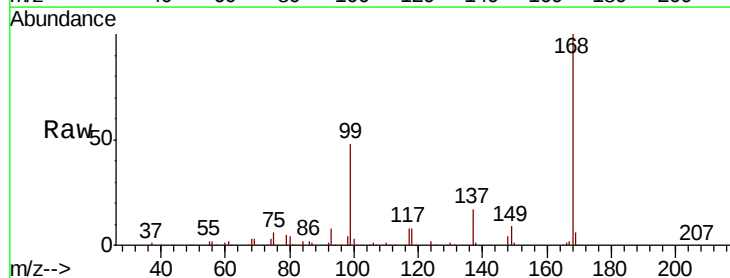
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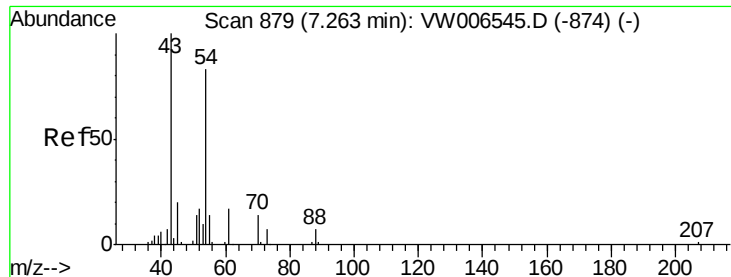
Tgt Ion:113 Resp: 93553
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.2
 192 24.0 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.671 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006616.D
 Acq: 02 Nov 2018 21:43

Tgt Ion: 75 Resp: 15369
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.5 58.5#
 77 0.0 24.6 37.0#

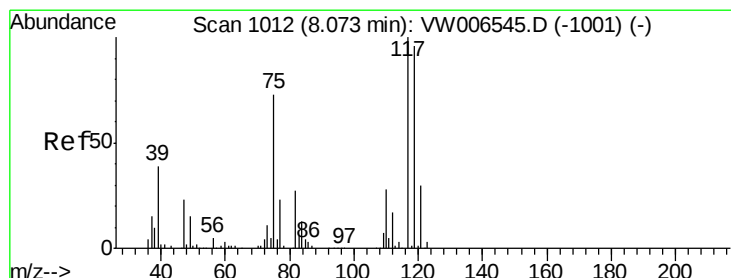
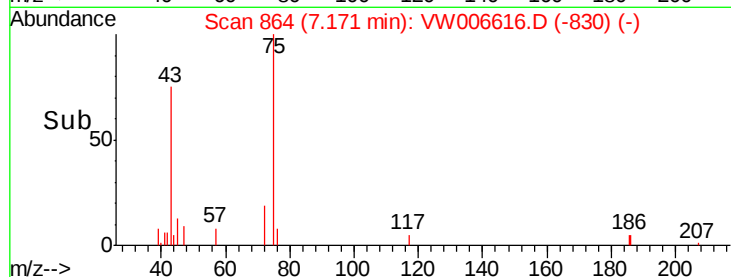
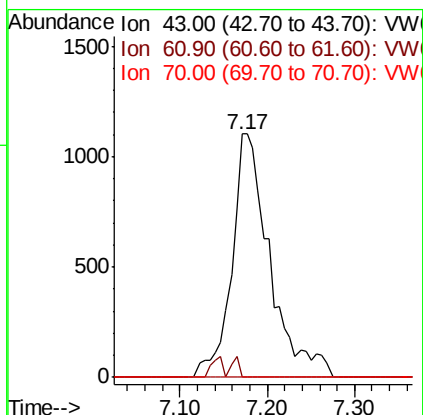
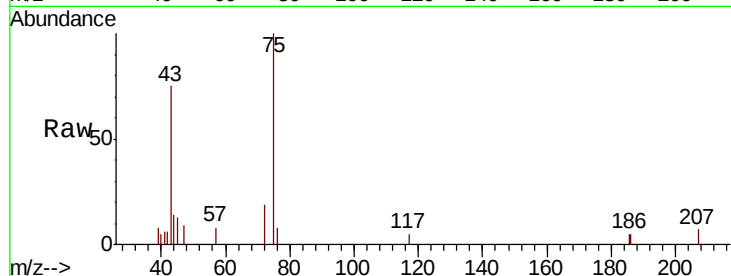




#37
 Ethyl Acetate
 Concen: 2.918 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.09 min
 Lab File: VW006616.D
 Acq: 02 Nov 2018 21:43

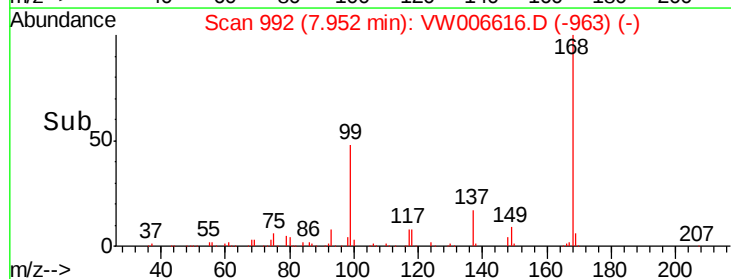
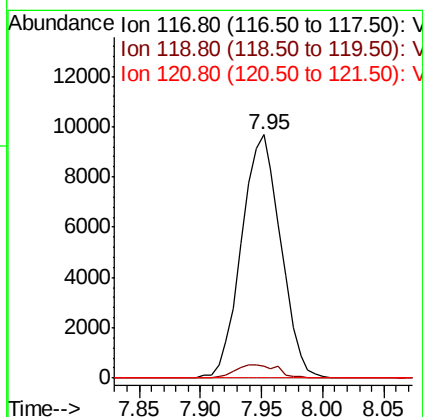
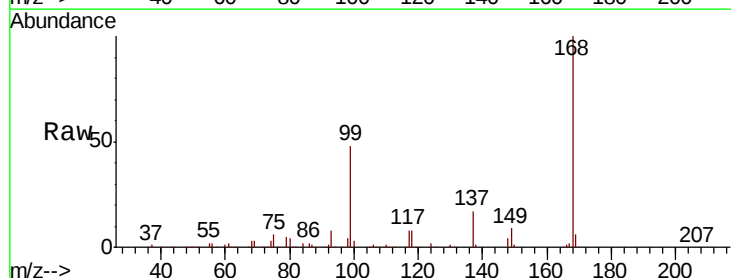
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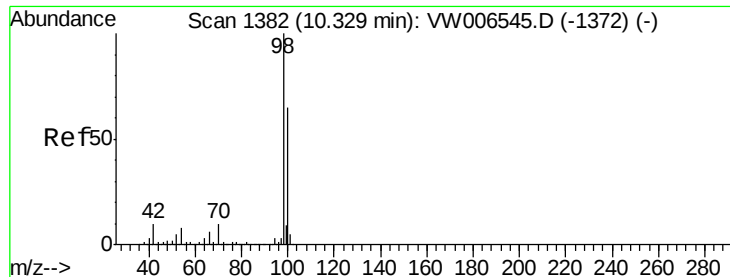
Tgt Ion: 43 Resp: 3327
 Ion Ratio Lower Upper
 43 100
 61 1.7 12.1 18.1#
 70 0.0 9.8 14.6#



#38
 Carbon Tetrachloride
 Concen: 6.254 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006616.D
 Acq: 02 Nov 2018 21:43

Tgt Ion: 117 Resp: 21502
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 37.286 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006616.D

Acq: 02 Nov 2018 21:43

Instrument :

MSVOA_W

ClientSampleId :

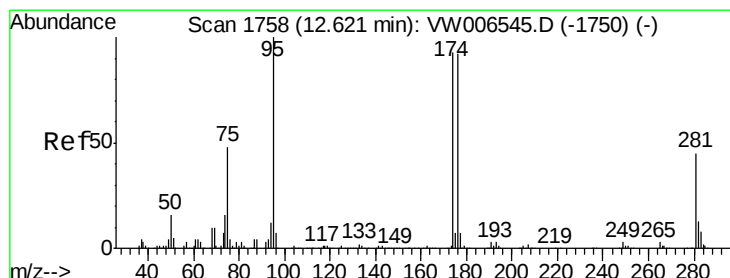
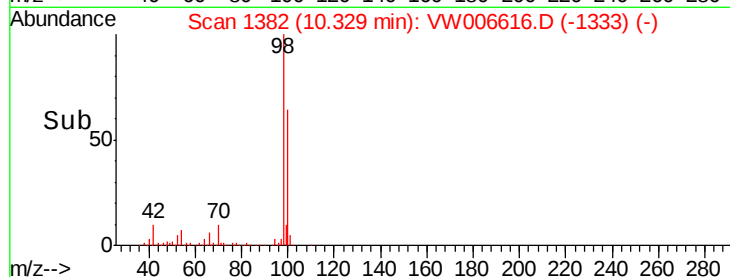
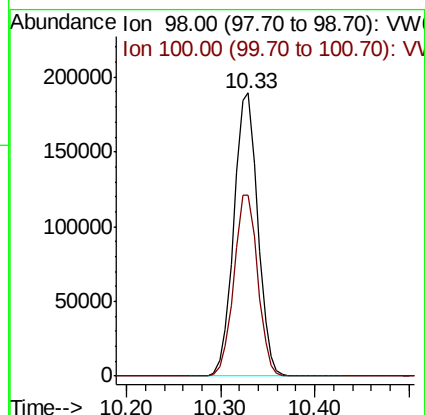
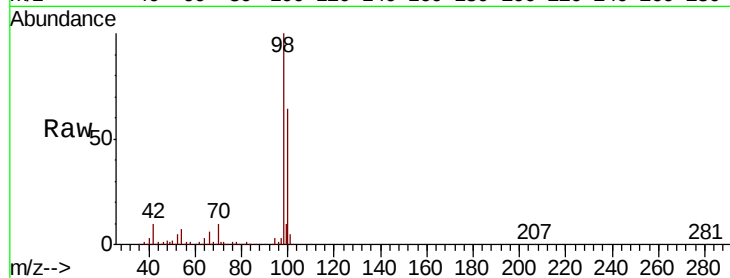
TP-11

Tgt Ion: 98 Resp: 333285

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 33.879 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006616.D

Acq: 02 Nov 2018 21:43

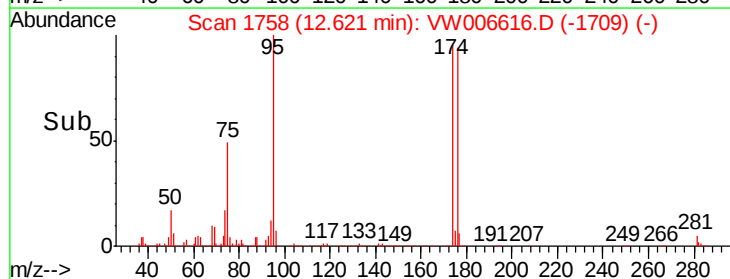
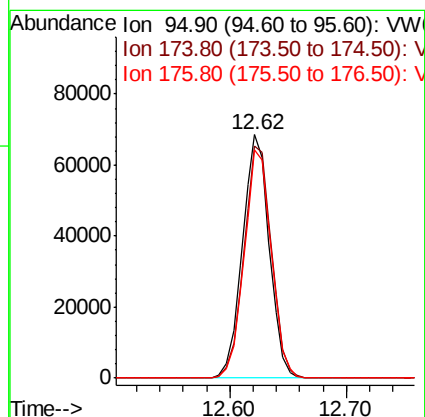
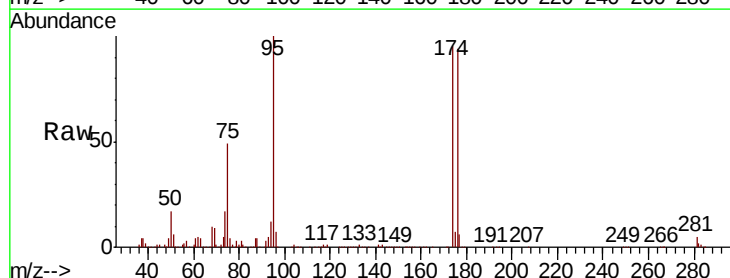
Tgt Ion: 95 Resp: 109789

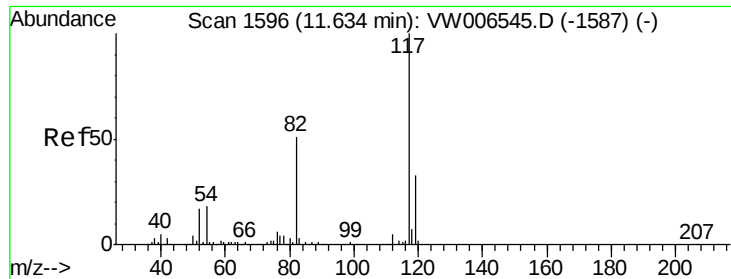
Ion Ratio Lower Upper

95 100

174 98.5 0.0 192.4

176 94.8 0.0 187.4

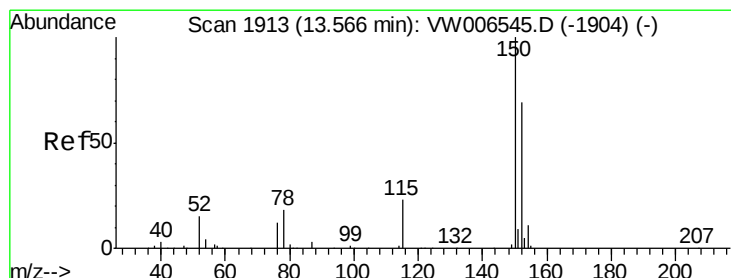
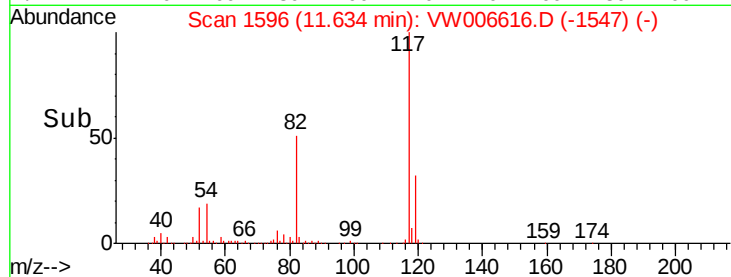
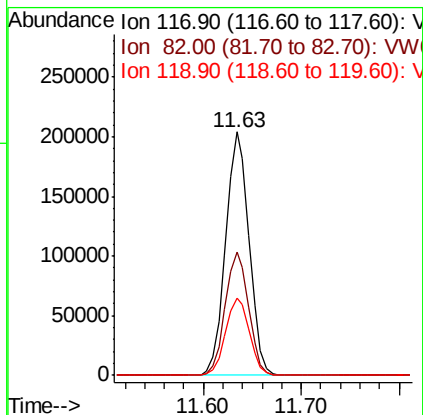
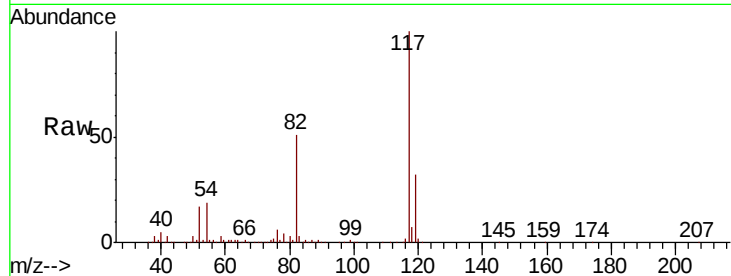




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006616.D
Acq: 02 Nov 2018 21:43

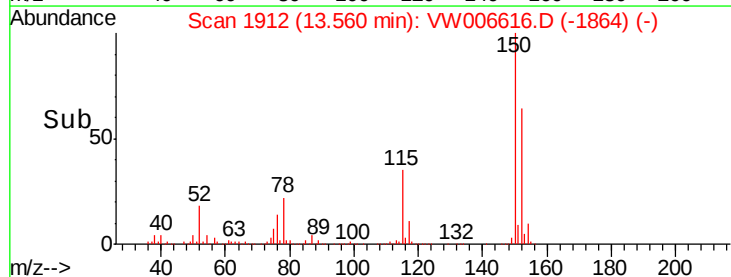
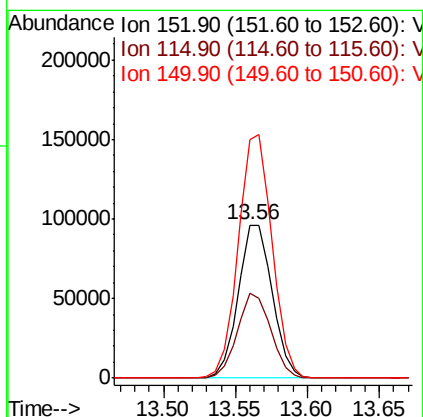
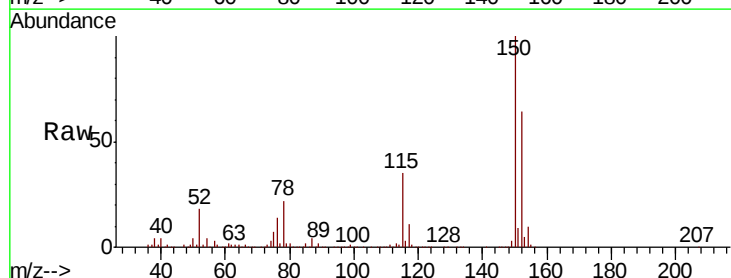
Instrument :
MSVOA_W
ClientSampled :
TP-11

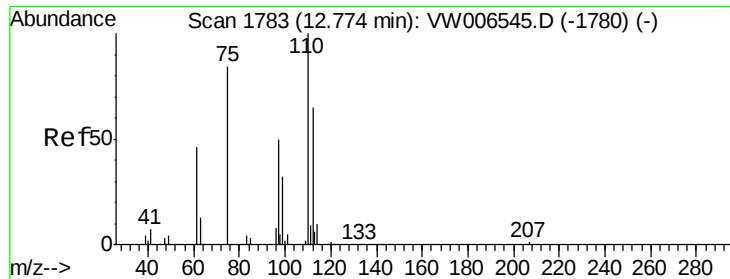
Tgt Ion:117 Resp: 337604
Ion Ratio Lower Upper
117 100
82 50.5 40.8 61.2
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006616.D
Acq: 02 Nov 2018 21:43

Tgt Ion:152 Resp: 157280
Ion Ratio Lower Upper
152 100
115 54.4 26.6 79.8
150 158.0 0.0 344.6

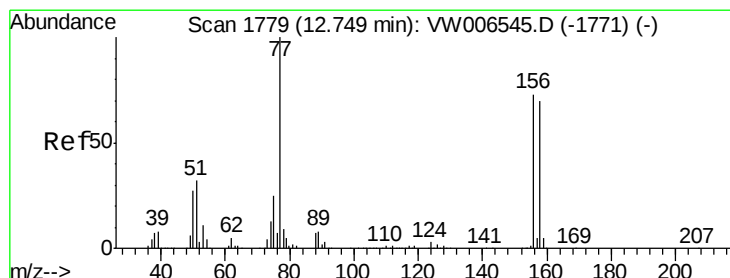
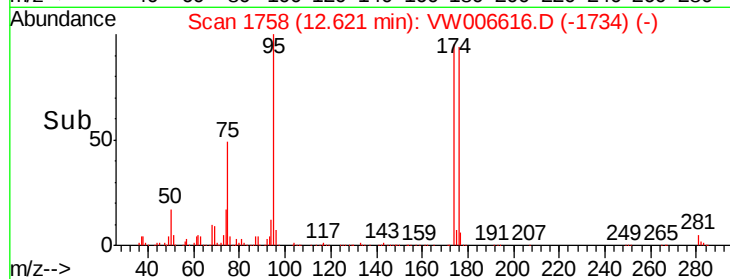
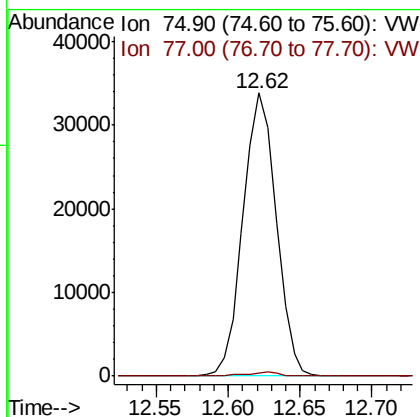
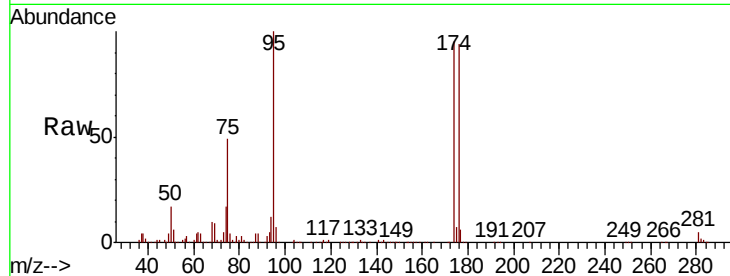




#76
 1,2,3-Trichloropropane
 Concen: 44.213 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006616.D
 Acq: 02 Nov 2018 21:43

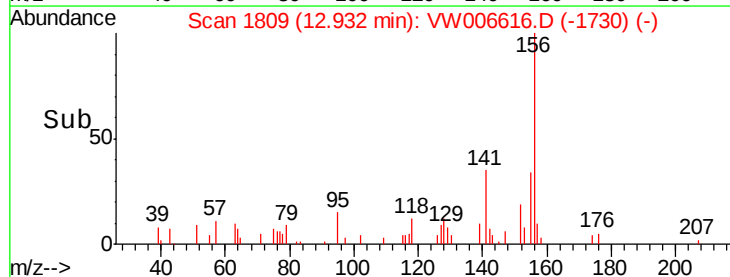
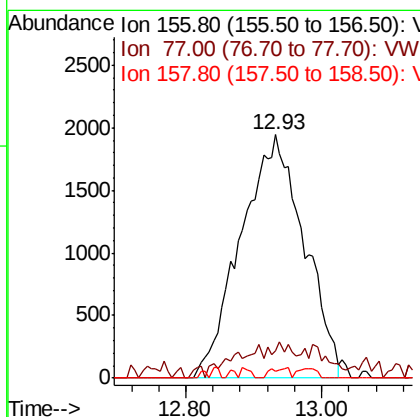
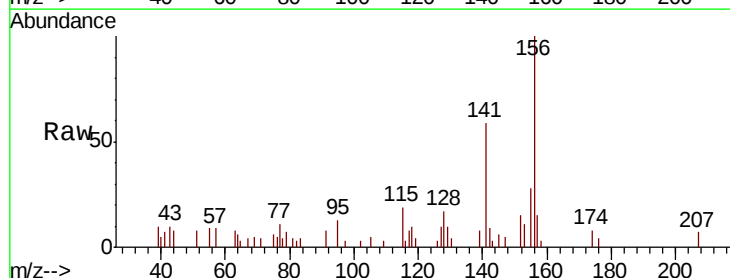
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11

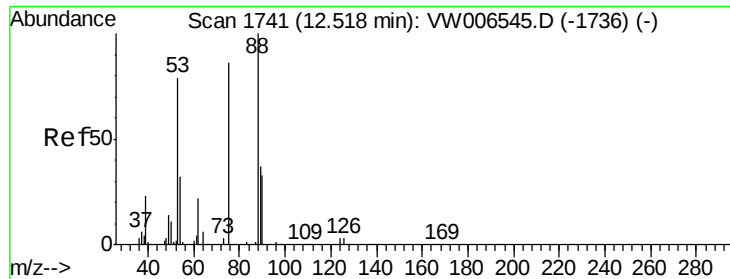
Tgt Ion: 75 Resp: 54256
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#77
 Bromobenzene
 Concen: 4.664 ug/l
 RT: 12.93 min Scan# 1809
 Delta R.T. 0.18 min
 Lab File: VW006616.D
 Acq: 02 Nov 2018 21:43

Tgt Ion: 156 Resp: 12511
 Ion Ratio Lower Upper
 156 100
 77 0.0 75.9 227.8#
 158 0.5 48.6 145.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 111.068 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006616.D

Acq: 02 Nov 2018 21:43

Instrument :

MSVOA_W

ClientSampleId :

TP-11

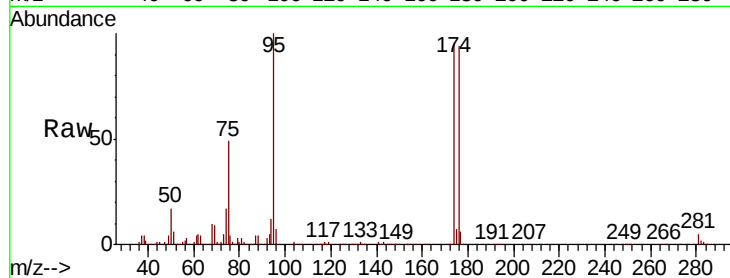
Tgt Ion: 75 Resp: 54256

Ion Ratio Lower Upper

75 100

53 0.2 77.2 115.8#

89 0.1 38.6 58.0#



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

