

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006703.D
 Acq On : 06 Nov 2018 22:35
 Operator : SY/AP
 Sample : J5816-07
 Misc : 5.69G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4A-S

Quant Time: Nov 07 11:30:12 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	7.96	168	18237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	20856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	10567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1680	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	7316	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
35) Dibromofluoromethane	7.89	113	7639	58.36	ug/l	0.00
Spiked Amount			Recovery	=	116.72%	
50) Toluene-d8	10.33	98	19902	39.94	ug/l	0.00
Spiked Amount			Recovery	=	79.88%	
62) 4-Bromofluorobenzene	12.62	95	2371	13.13	ug/l	0.00
Spiked Amount			Recovery	=	26.26%	

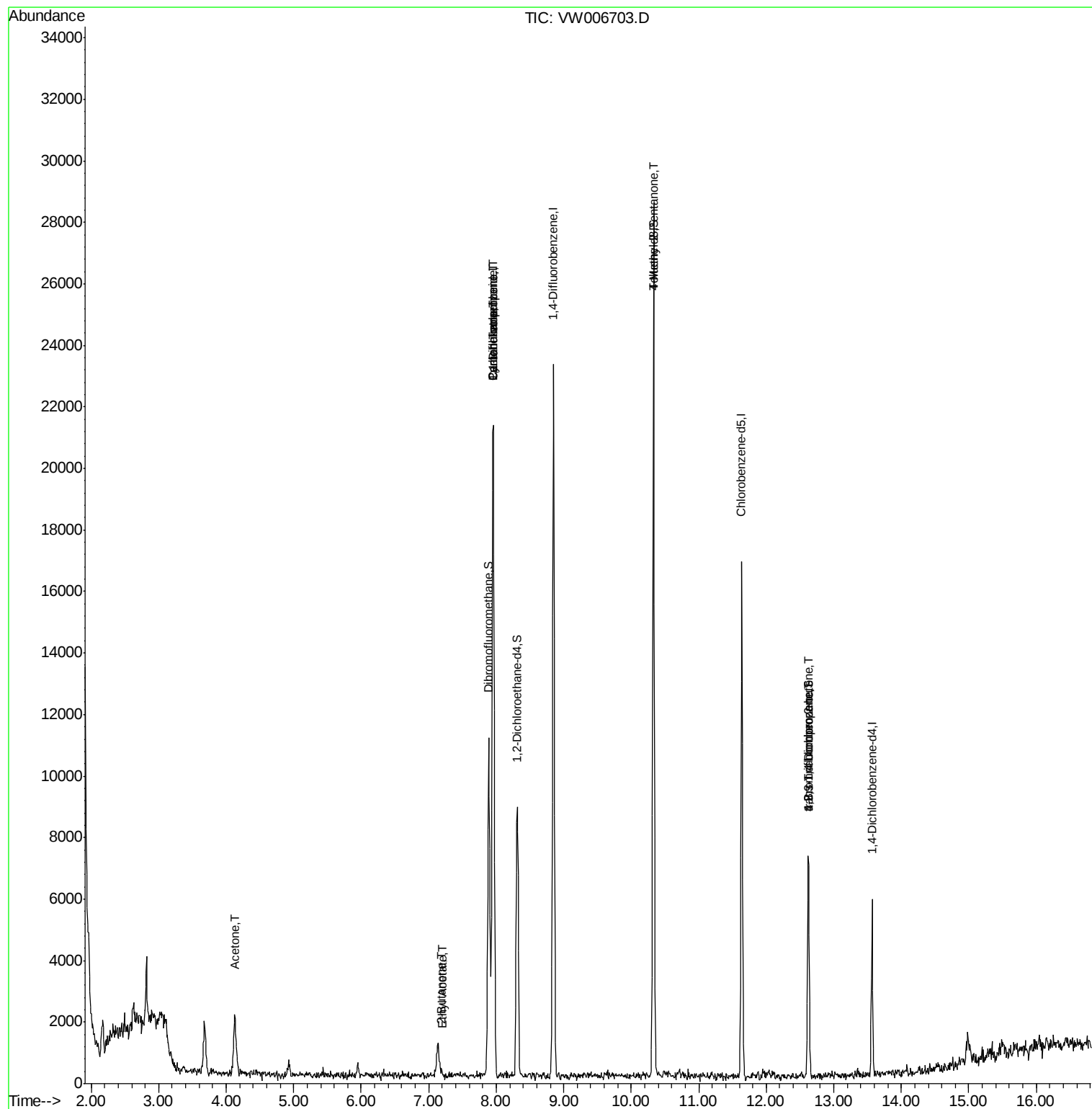
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	3753	148.284	ug/l #	80
20) Methylene Chloride	4.93	84	318	Below Cal	#	57
25) 2-Butanone	7.18	43	120	3.323	ug/l #	46
31) Cyclohexane	7.96	56	356	1.426	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	1167	6.363	ug/l #	40
37) Ethyl Acetate	7.21	43	87	1.369	ug/l #	66
38) Carbon Tetrachloride	7.95	117	1608	8.390	ug/l #	19
51) 4-Methyl-2-Pentanone	10.33	43	101	1.551	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	1112	84.835	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	1112	210.667	ug/l #	11

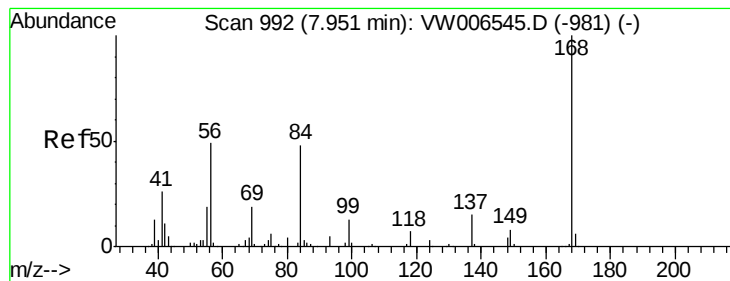
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006703.D

Acq: 06 Nov 2018 22:35

Instrument :

MSVOA_W

ClientSampleId :

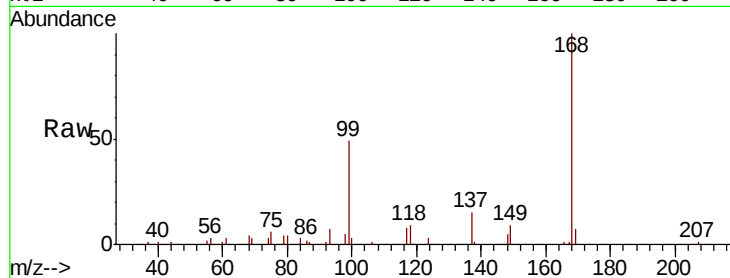
TP-4A-S

Tot Ion:168 Resp: 18237

Ion Ratio Lower Upper

168 100

99 48.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

8000

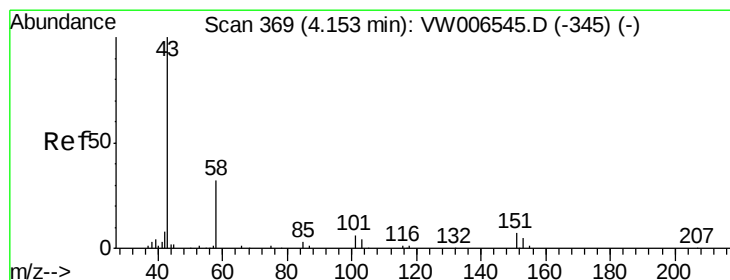
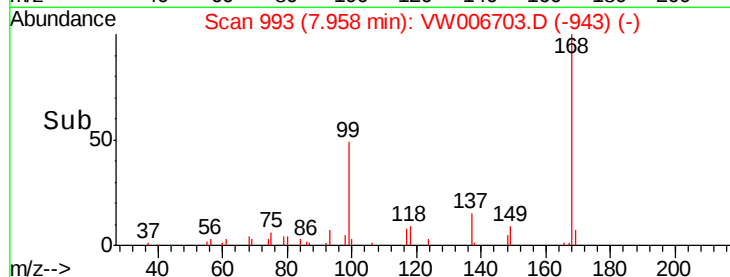
6000

4000

2000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 148.284 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006703.D

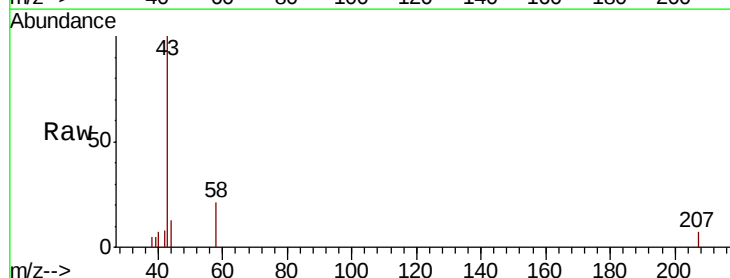
Acq: 06 Nov 2018 22:35

Tgt Ion: 43 Resp: 3753

Ion Ratio Lower Upper

43 100

58 21.0 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

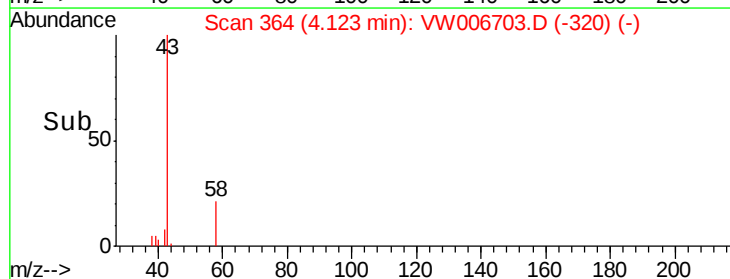
1500

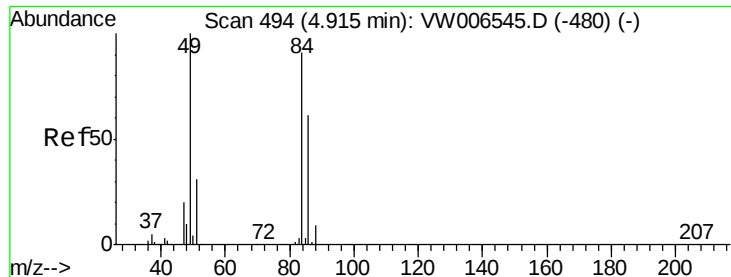
1000

500

0

Time--> 4.05 4.10 4.15 4.20

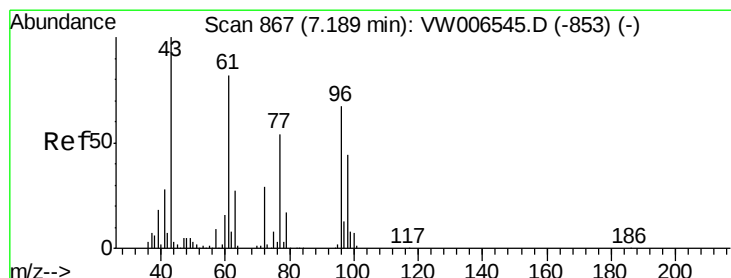
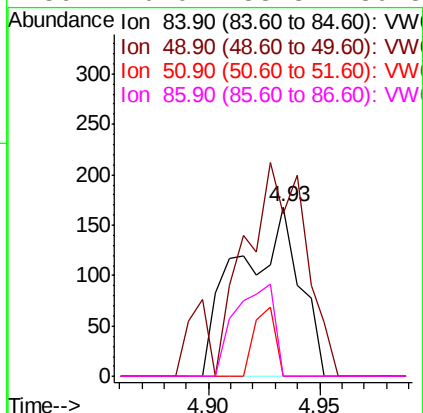
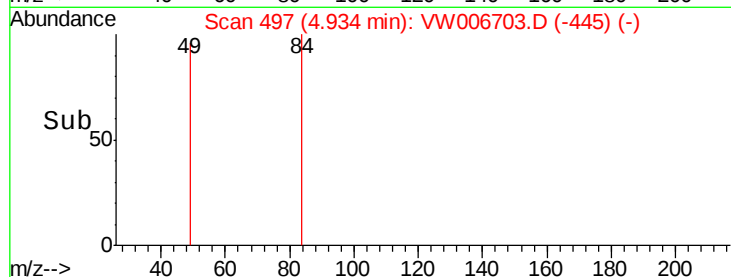
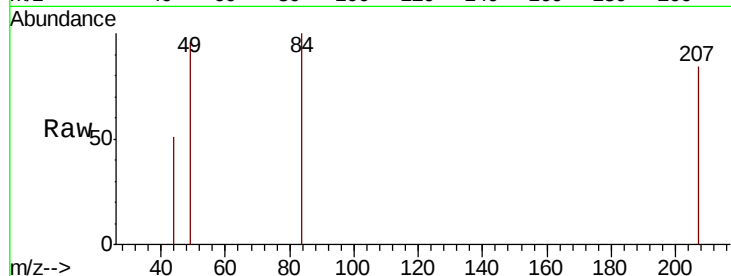




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW006703.D
Acq: 06 Nov 2018 22:35

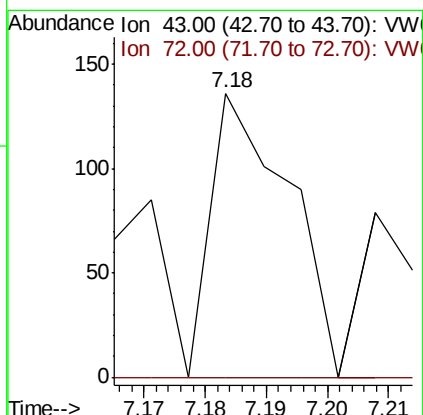
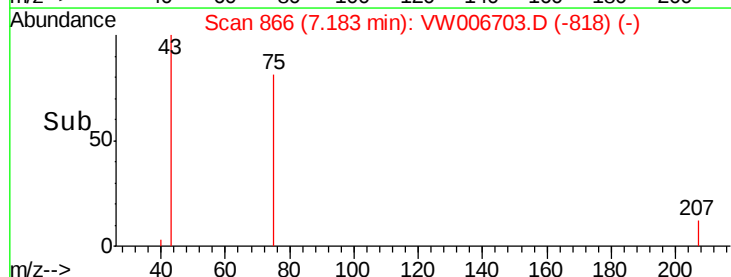
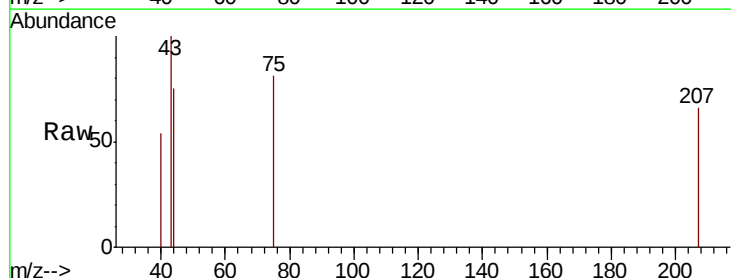
Instrument :
MSVOA_W
ClientSampled :
TP-4A-S

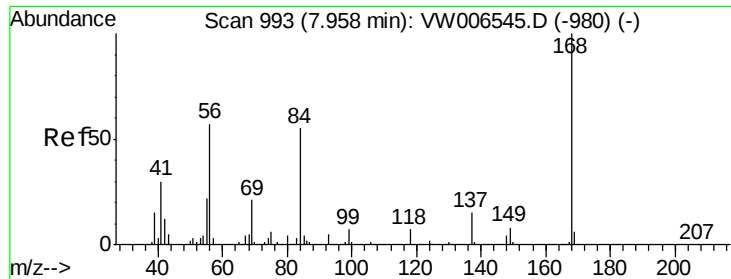
Tot Ion: 84 Resp: 318
Ion Ratio Lower Upper
84 100
49 95.8 88.2 132.4
51 0.0 27.0 40.6#
86 0.0 53.8 80.8#



#25
2-Butanone
Concen: 3.323 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006703.D
Acq: 06 Nov 2018 22:35

Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#

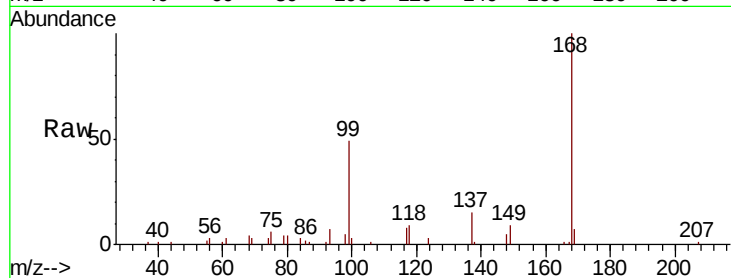




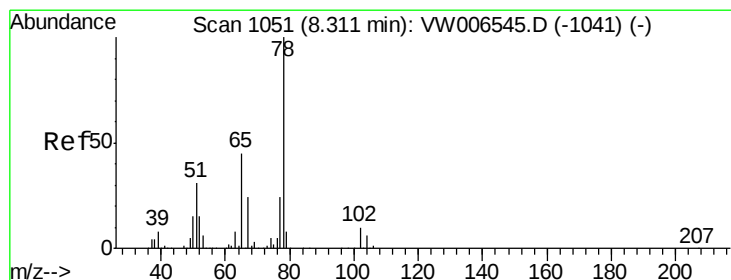
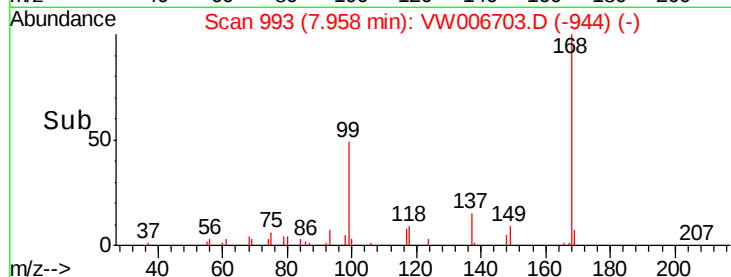
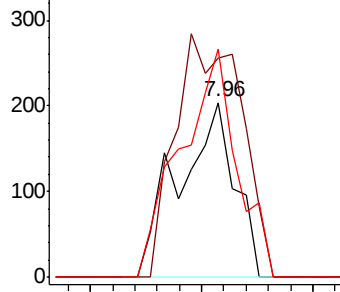
#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006703.D
Acq: 06 Nov 2018 22:35

Instrument :
MSVOA_W
ClientSampleId :
TP-4A-S

Tot Ion: 56 Resp: 356
Ion Ratio Lower Upper
56 100
69 125.5 29.0 43.4#
84 130.4 77.8 116.6#

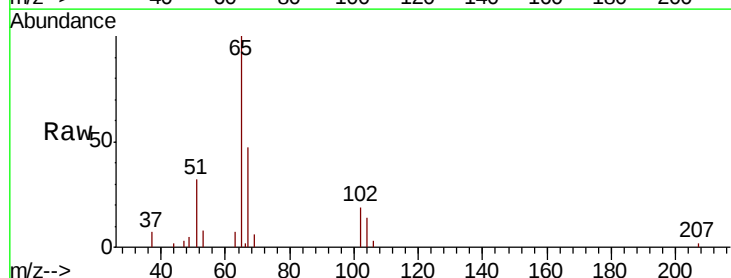


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

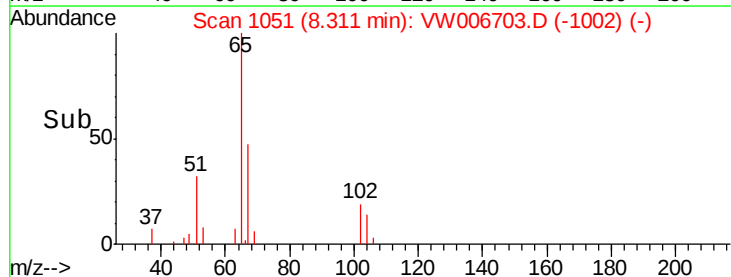
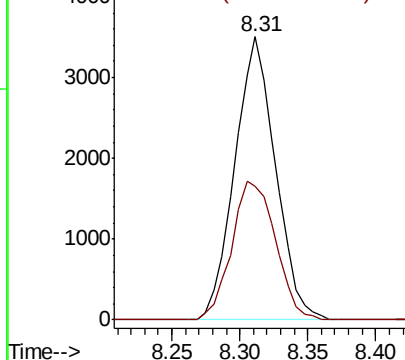


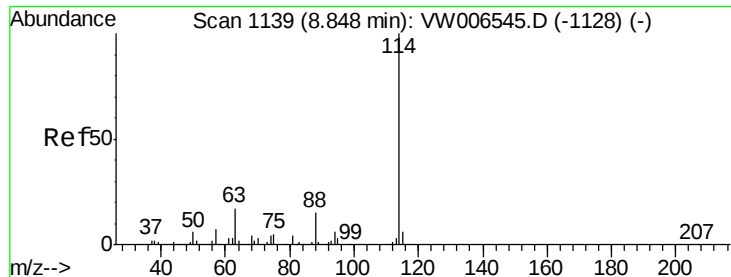
#33
1,2-Dichloroethane-d4
Concen: 46.669 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006703.D
Acq: 06 Nov 2018 22:35

Tgt Ion: 65 Resp: 7316
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.4



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

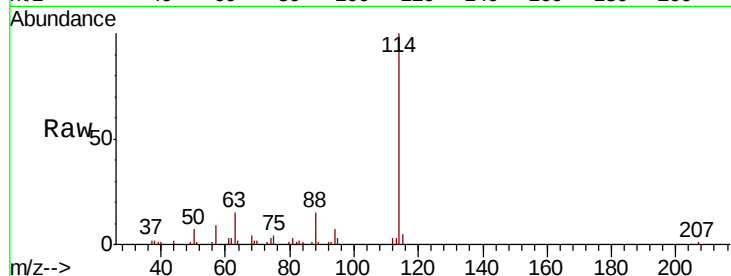




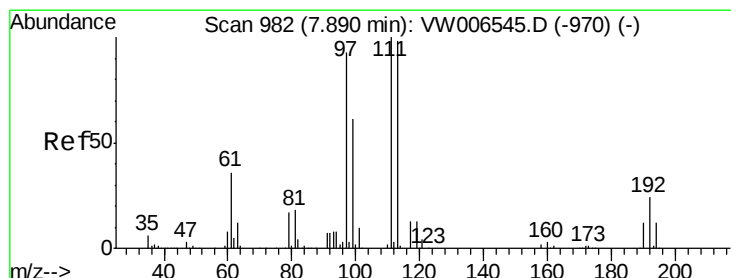
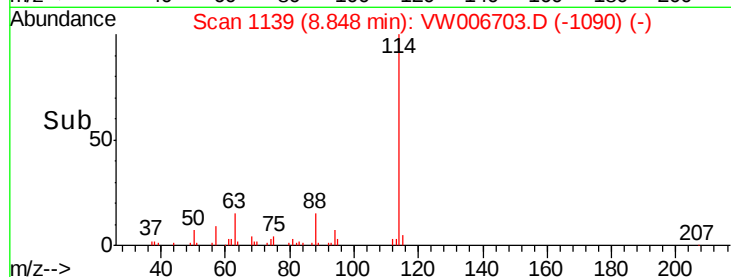
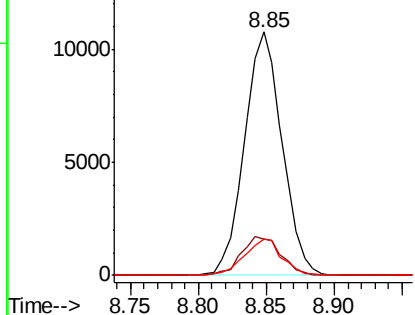
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006703.D
 Acq: 06 Nov 2018 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4A-S

Tot Ion:114 Resp: 20856
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 34.4
 88 15.1 0.0 29.0

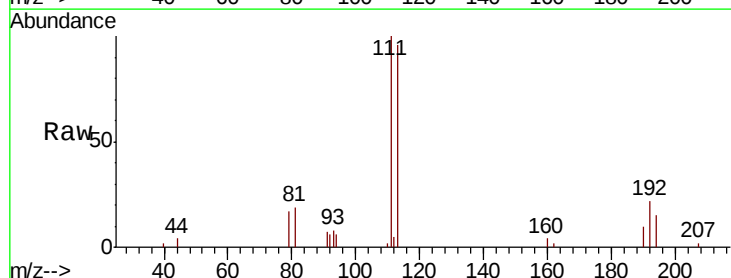


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

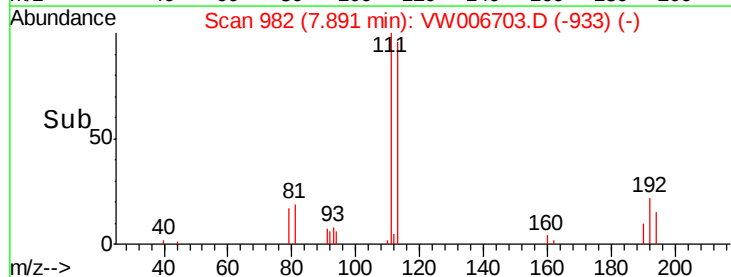
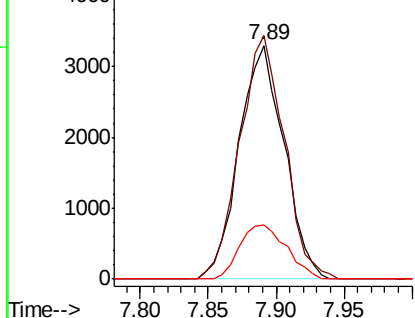


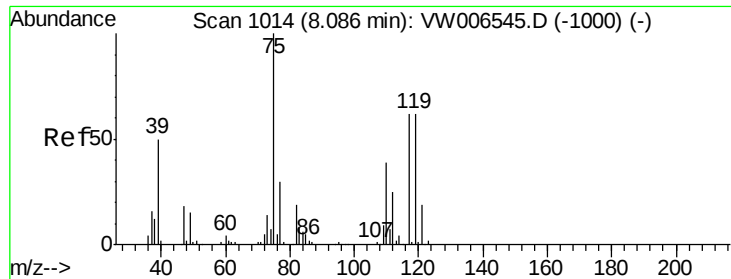
#35
 Dibromofluoromethane
 Concen: 58.363 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006703.D
 Acq: 06 Nov 2018 22:35

Tgt Ion:113 Resp: 7639
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.2
 192 24.2 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

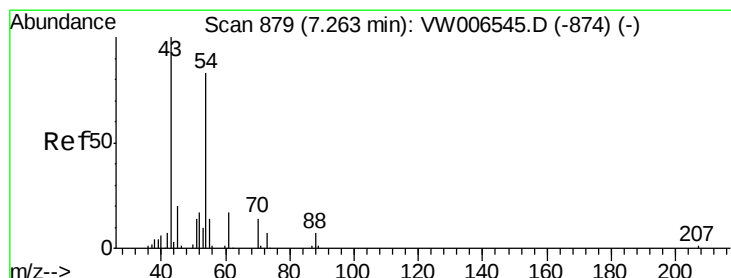
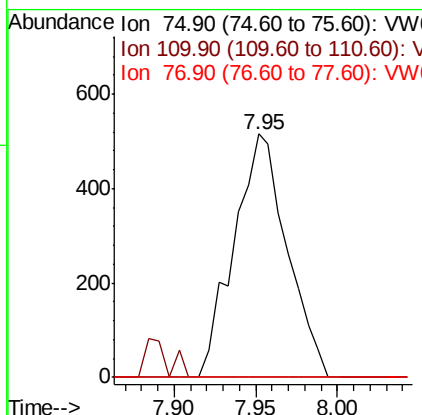
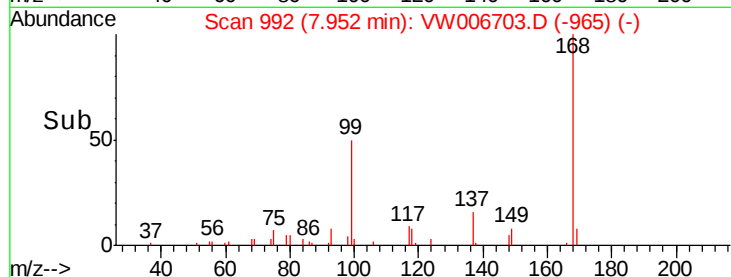
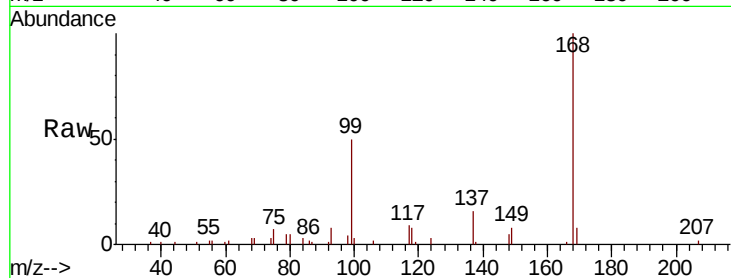




#36
 1,1-Dichloropropene
 Concen: 6.363 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006703.D
 Acq: 06 Nov 2018 22:35

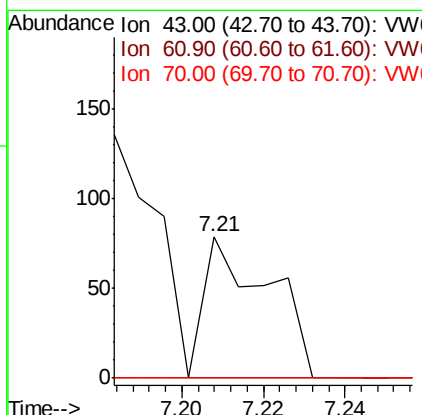
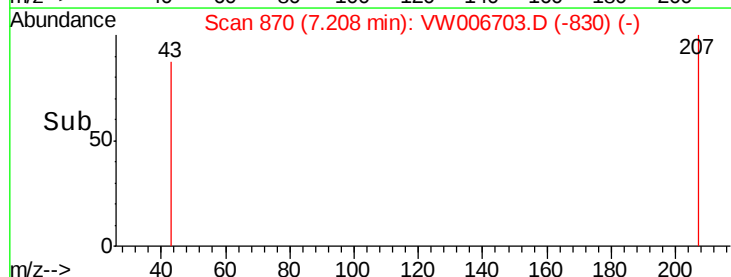
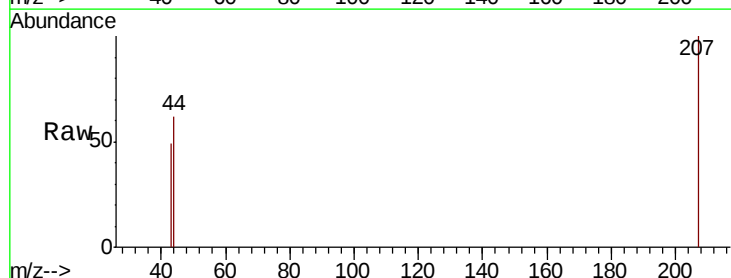
Instrument :
 MSVOA_W
 ClientSampled :
 TP-4A-S

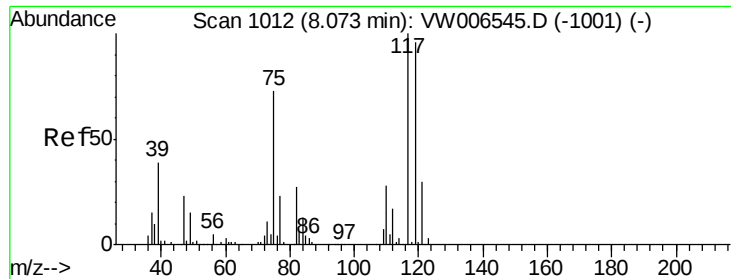
Tot Ion: 75 Resp: 1167
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.5 58.5#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 1.369 ug/l
 RT: 7.21 min Scan# 870
 Delta R.T. -0.05 min
 Lab File: VW006703.D
 Acq: 06 Nov 2018 22:35

Tgt Ion: 43 Resp: 87
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 9.8 14.6#





#38

Carbon Tetrachloride

Concen: 8.390 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006703.D

Acq: 06 Nov 2018 22:35

Instrument :

MSVOA_W

ClientSampleId :

TP-4A-S

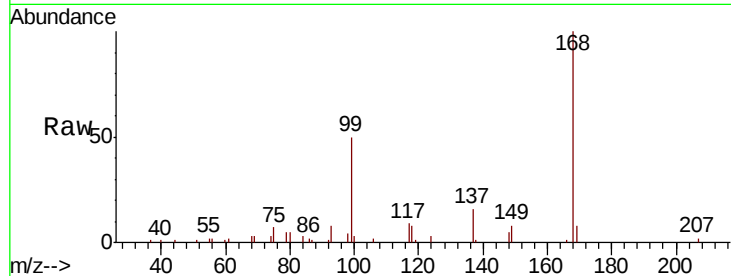
Tot Ion:117 Resp: 1608

Ion Ratio Lower Upper

117 100

119 8.7 76.3 114.5#

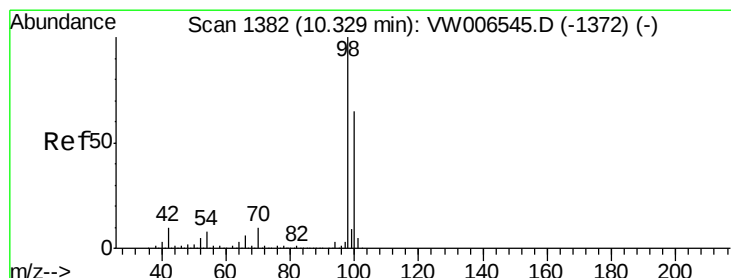
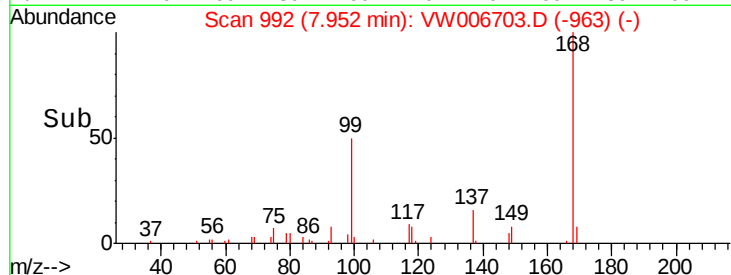
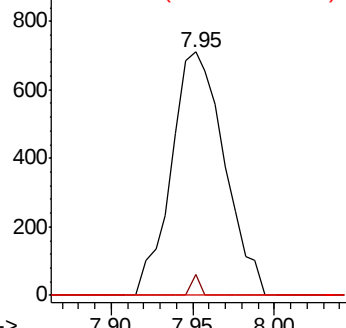
121 0.0 24.1 36.1#



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: 39.942 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006703.D

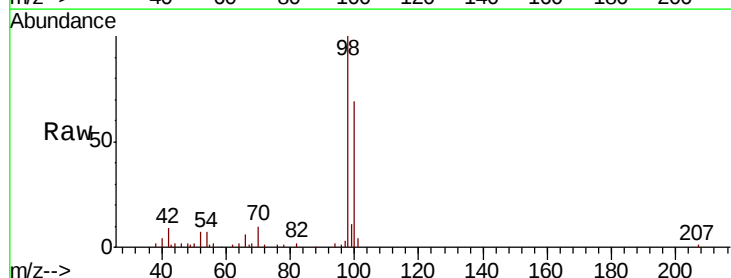
Acq: 06 Nov 2018 22:35

Tgt Ion: 98 Resp: 19902

Ion Ratio Lower Upper

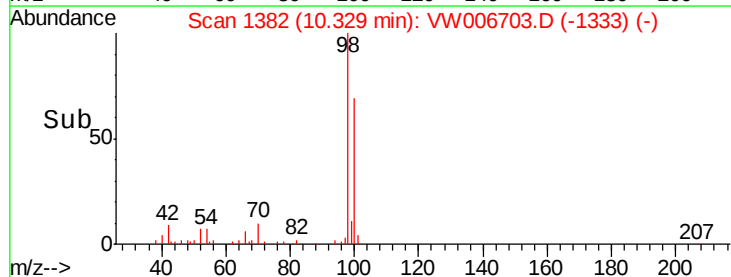
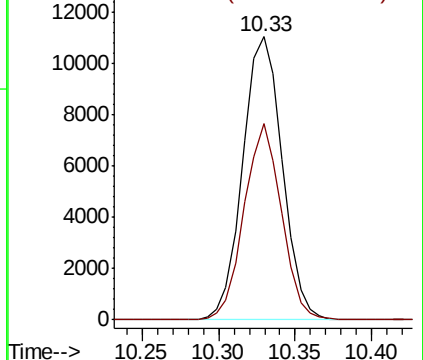
98 100

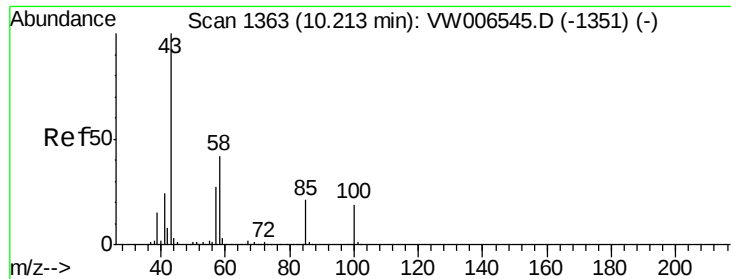
100 65.3 51.6 77.4



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: 1.551 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006703.D

Acq: 06 Nov 2018 22:35

Instrument :

MSVOA_W

ClientSampleId :

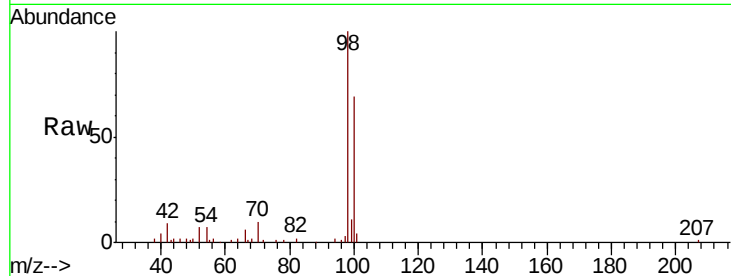
TP-4A-S

Tot Ion: 43 Resp: 101

Ion Ratio Lower Upper

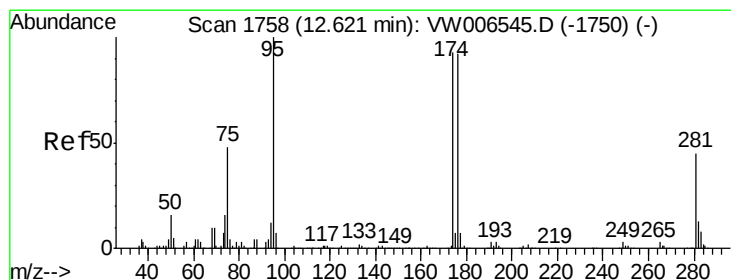
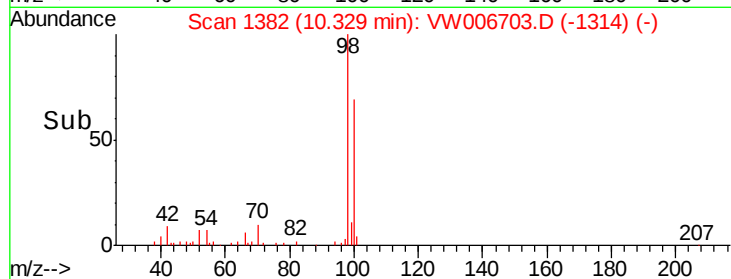
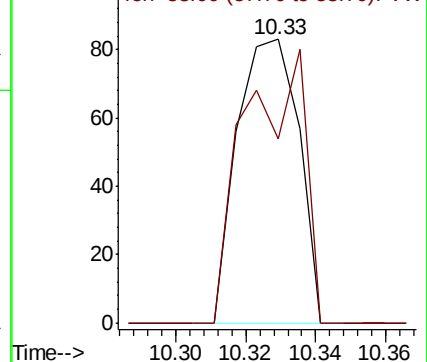
43 100

58 94.1 33.4 50.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 13.125 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006703.D

Acq: 06 Nov 2018 22:35

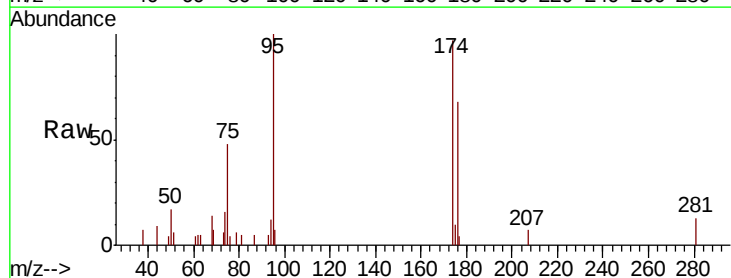
Tgt Ion: 95 Resp: 2371

Ion Ratio Lower Upper

95 100

174 107.0 0.0 192.4

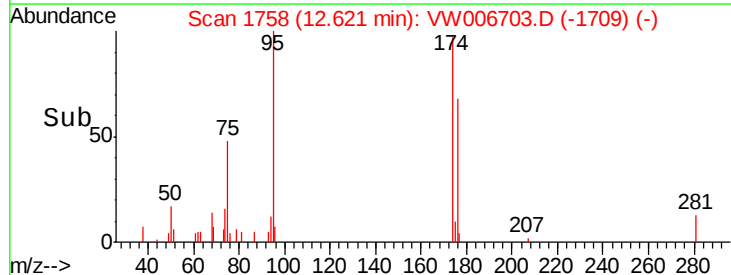
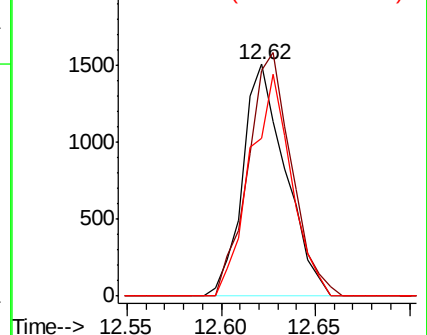
176 92.7 0.0 187.4

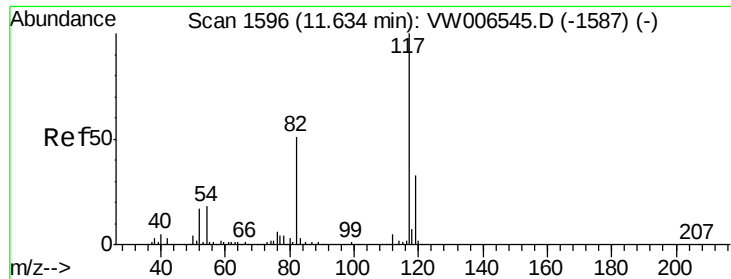


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW006703.D

Acq: 06 Nov 2018 22:35

Instrument :

MSVOA_W

ClientSampleId :

TP-4A-S

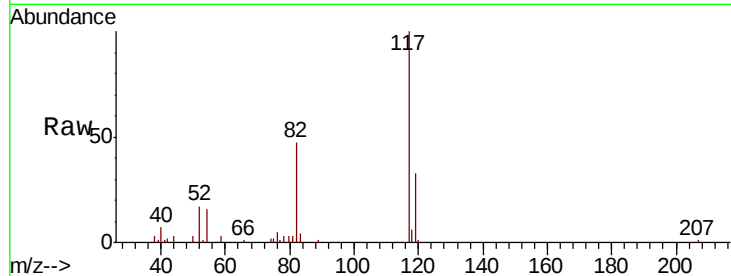
Tot Ion:117 Resp: 10567

Ion Ratio Lower Upper

117 100

82 47.3 40.8 61.2

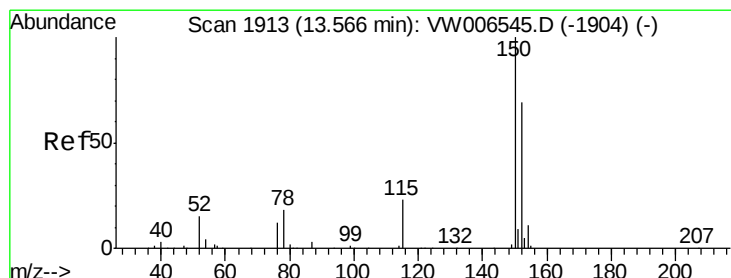
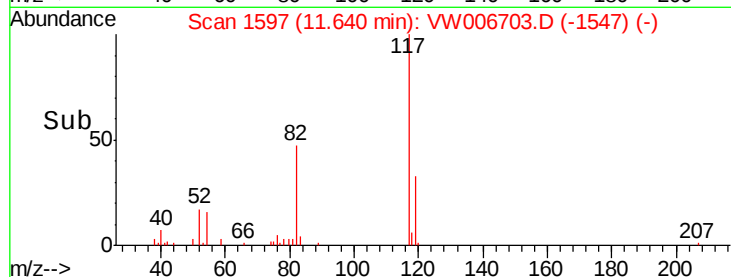
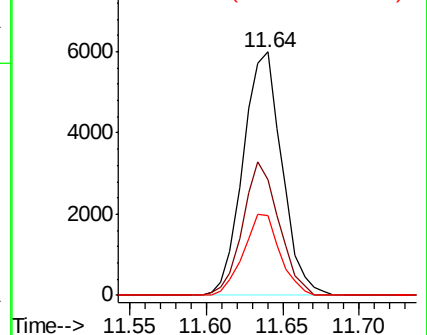
119 32.9 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1914

Delta R.T. 0.01 min

Lab File: VW006703.D

Acq: 06 Nov 2018 22:35

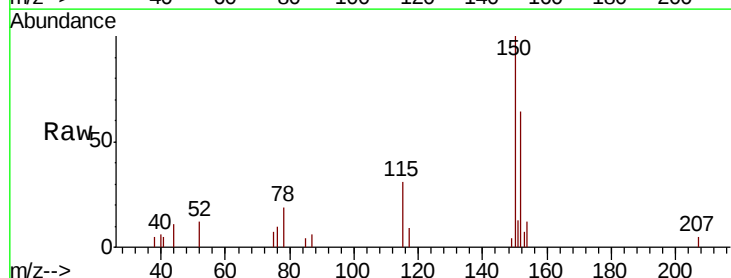
Tgt Ion:152 Resp: 1680

Ion Ratio Lower Upper

152 100

115 55.2 26.6 79.8

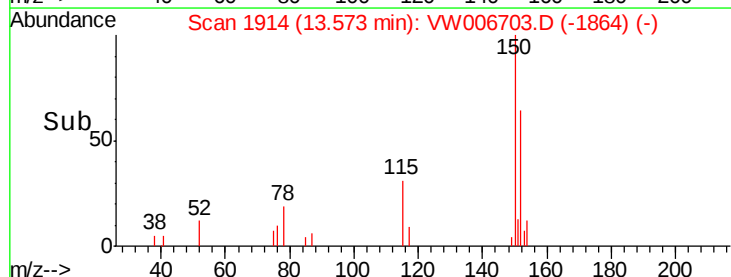
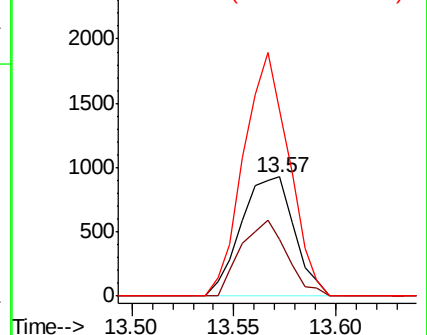
150 173.7 0.0 344.6

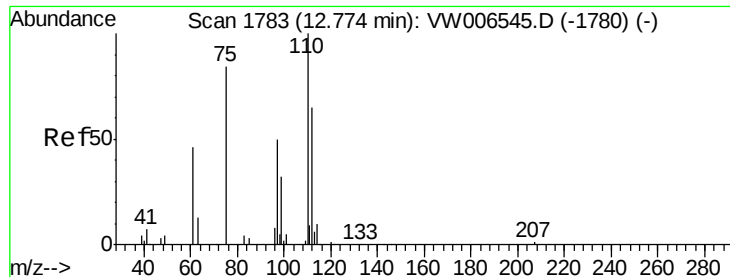


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 84.835 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006703.D

Acq: 06 Nov 2018 22:35

Instrument :

MSVOA_W

ClientSampled :

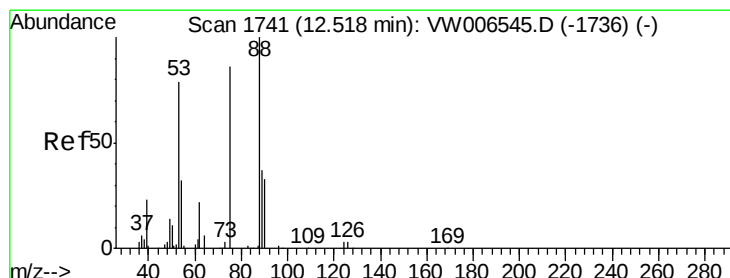
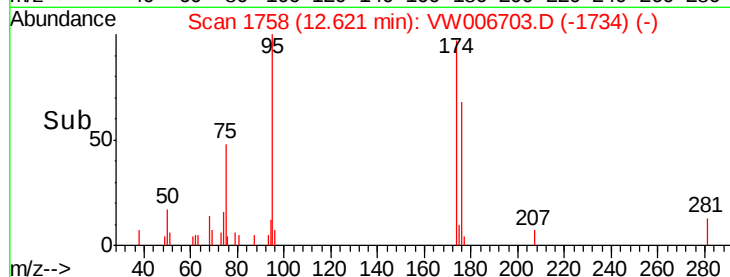
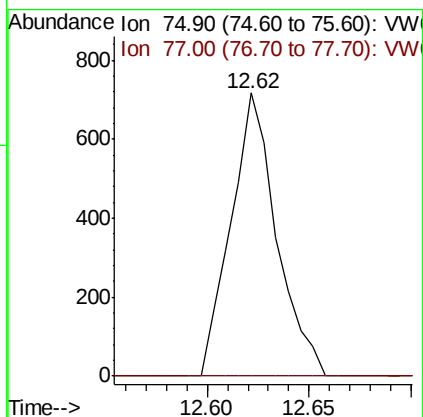
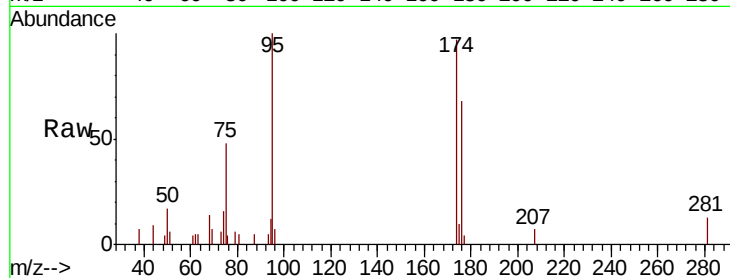
TP-4A-S

Tot Ion: 75 Resp: 1112

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 210.667 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006703.D

Acq: 06 Nov 2018 22:35

Tgt Ion: 75 Resp: 1112

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

