

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007027.D
 Acq On : 22 Nov 2018 05:01
 Operator : VAY/AP
 Sample : J6006-01RE
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 06:14:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	159011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	73316	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	60970	71.63	ug/l	0.00
Spiked Amount			Recovery	=	143.26%	
35) Dibromofluoromethane	7.88	113	50910	56.69	ug/l	0.00
Spiked Amount			Recovery	=	113.38%	
50) Toluene-d8	10.32	98	214191	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
62) 4-Bromofluorobenzene	12.62	95	83566	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	

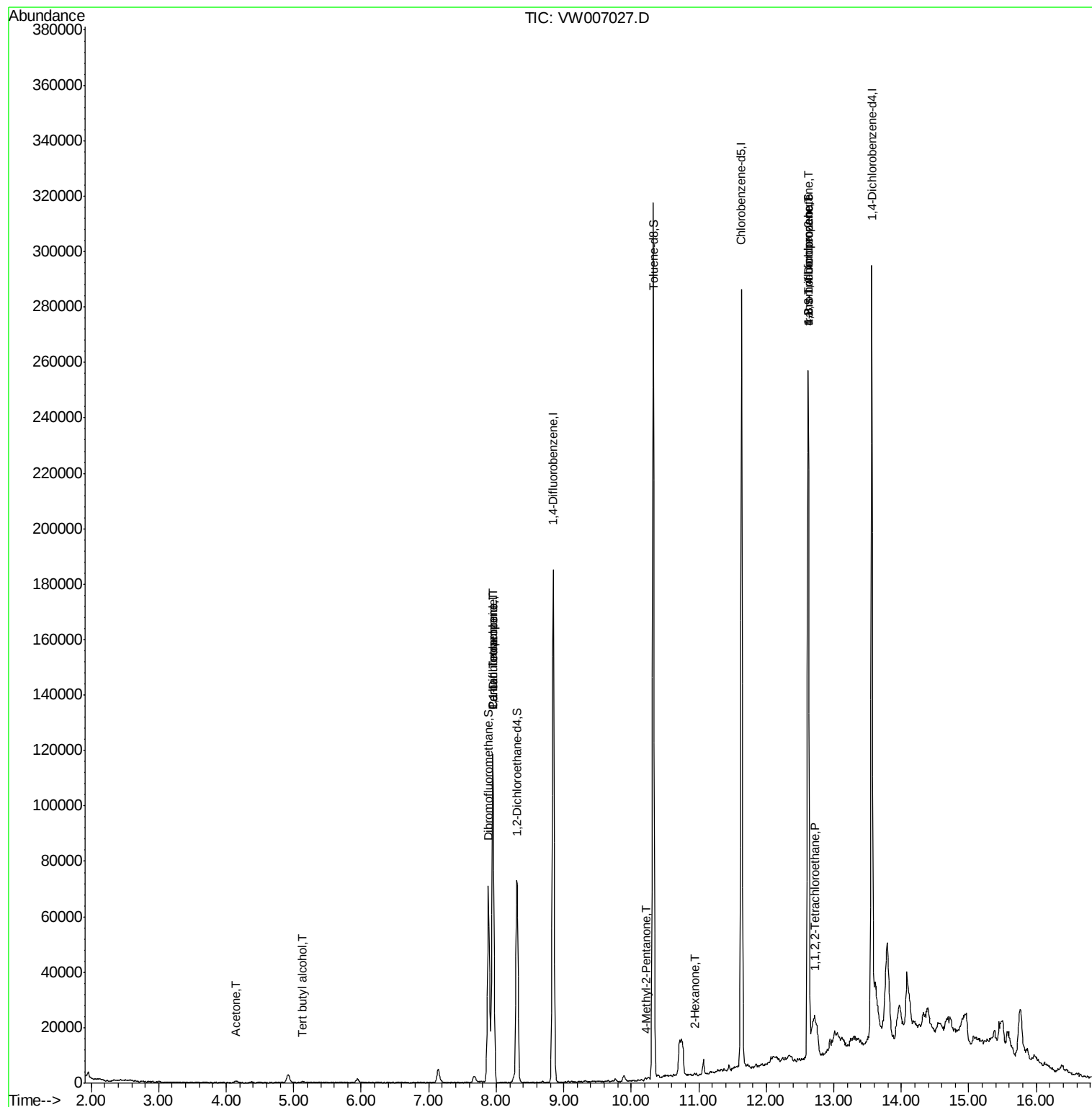
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	92	1.660	ug/l #	71
16) Acetone	4.15	43	1250	10.114	ug/l	93
20) Methylene Chloride	4.91	84	2447	Below Cal	#	85
36) 1,1-Dichloropropene	7.95	75	6917	4.451	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8940	6.008	ug/l #	16
51) 4-Methyl-2-Pentanone	10.22	43	724	1.335	ug/l #	83
59) 2-Hexanone	10.93	43	523	1.408	ug/l #	24
75) 1,1,2,2-Tetrachloroethane	12.71	83	4010	5.288	ug/l #	32
76) 1,2,3-Trichloropropane	12.62	75	40560	70.403	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40560	176.753	ug/l #	10

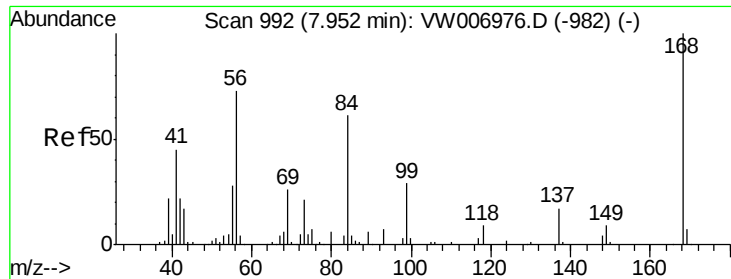
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 06:14:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007027.D

Acq: 22 Nov 2018 05:01

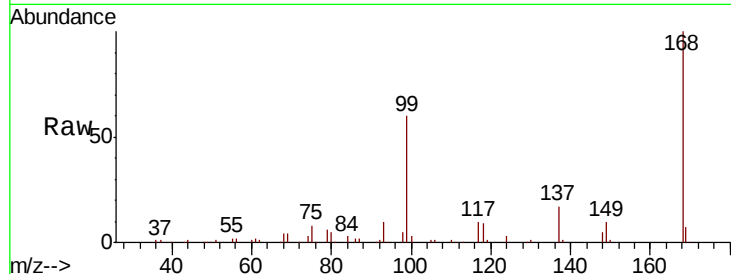
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 86945

Ion Ratio Lower Upper

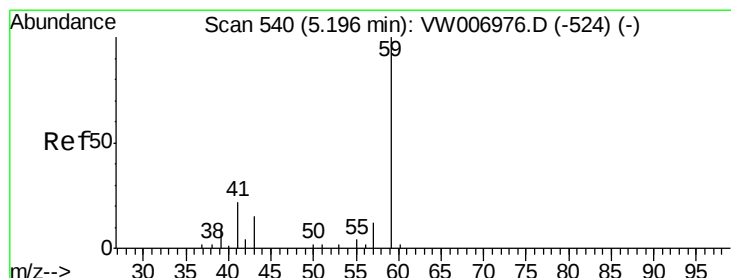
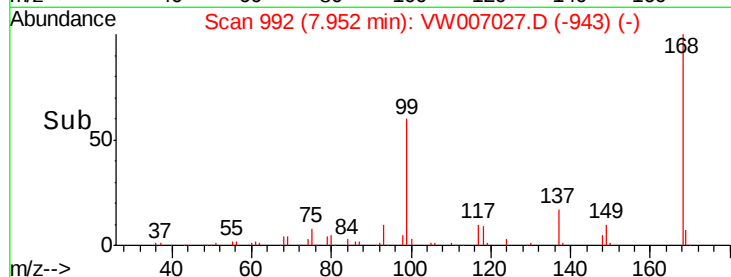
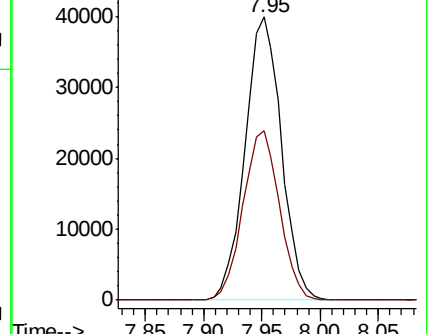
168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.660 ug/l

RT: 5.14 min Scan# 530

Delta R.T. -0.06 min

Lab File: VW007027.D

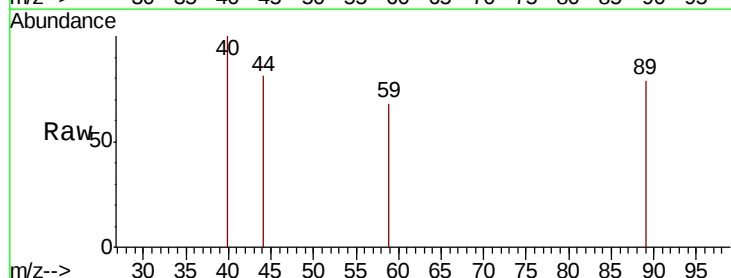
Acq: 22 Nov 2018 05:01

Tgt Ion: 59 Resp: 92

Ion Ratio Lower Upper

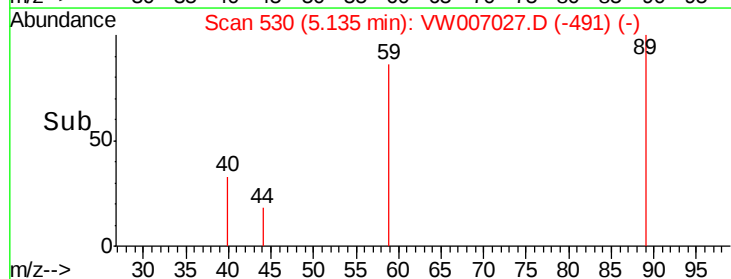
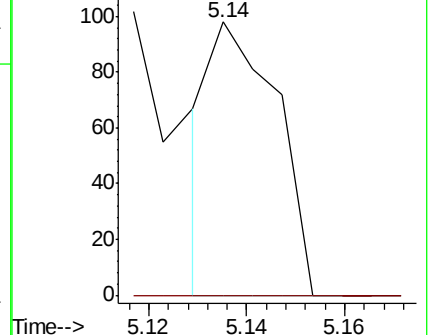
59 100

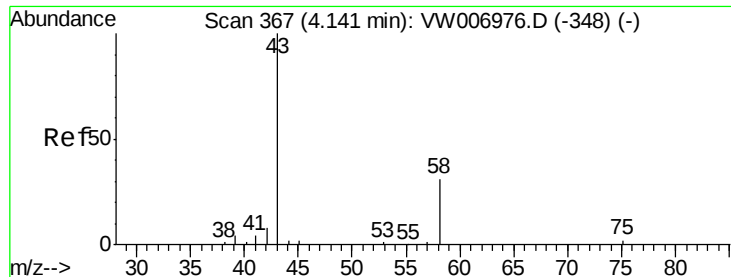
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 10.114 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW007027.D

Acq: 22 Nov 2018 05:01

Instrument :

MSVOA_W

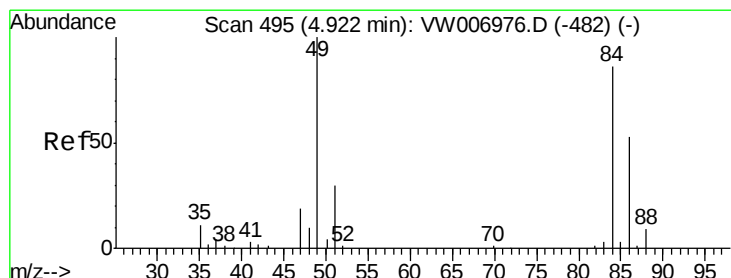
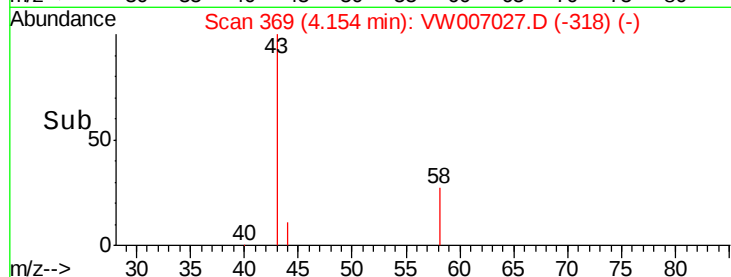
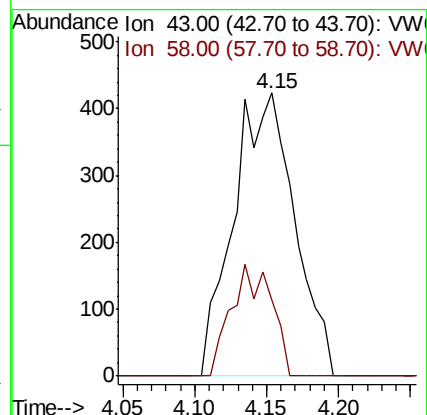
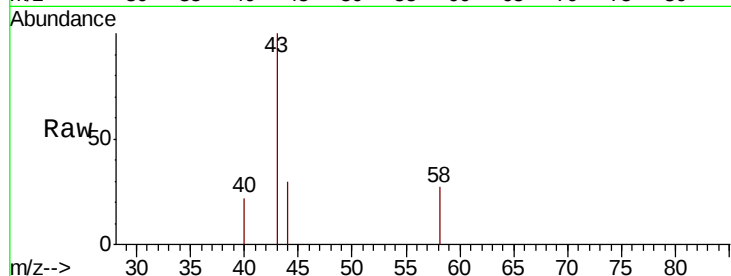
ClientSampled :

Tot Ion: 43 Resp: 1250

Ion Ratio Lower Upper

43 100

58 27.0 24.8 37.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW007027.D

Acq: 22 Nov 2018 05:01

Tgt Ion: 84 Resp: 2447

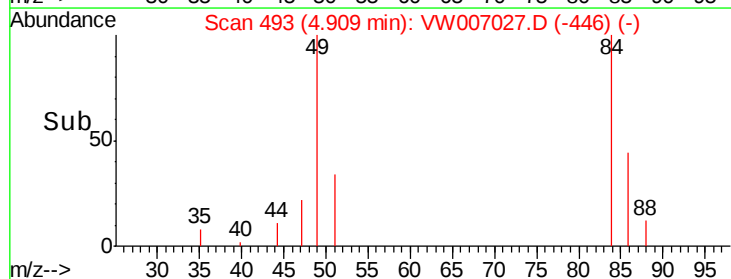
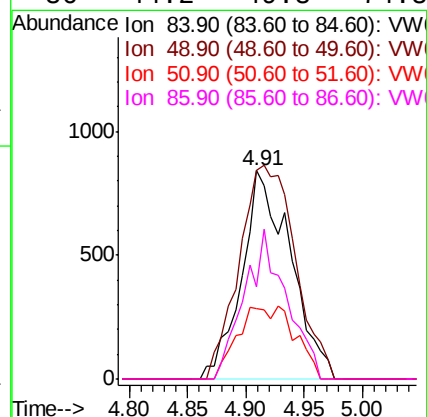
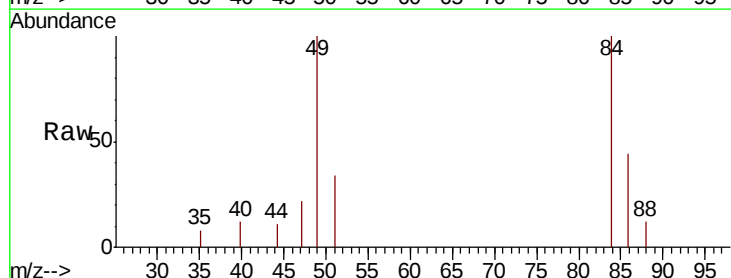
Ion Ratio Lower Upper

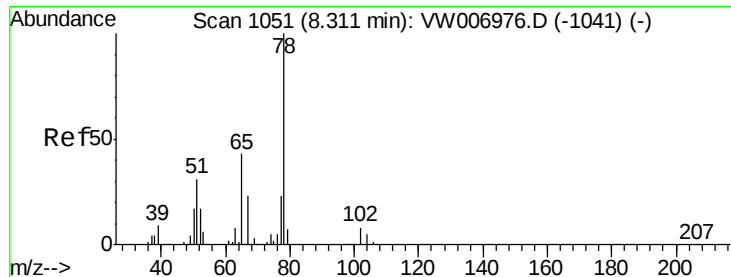
84 100

49 100.2 93.4 140.0

51 33.9 28.4 42.6

86 44.2 49.8 74.8#

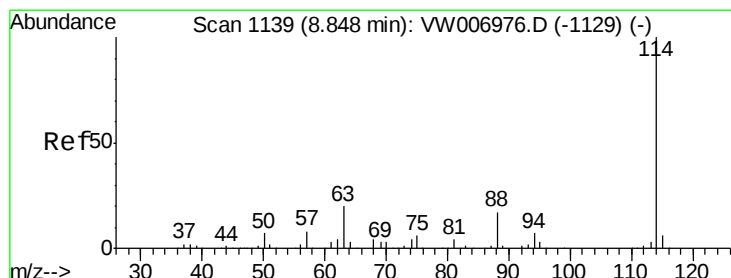
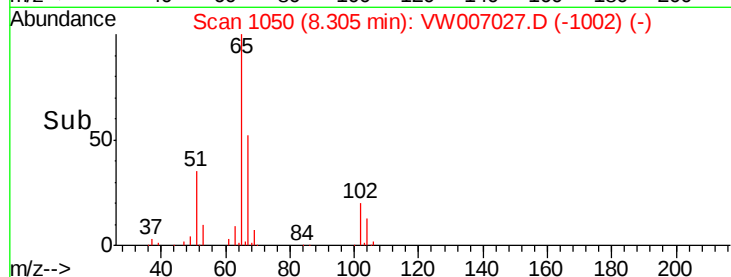
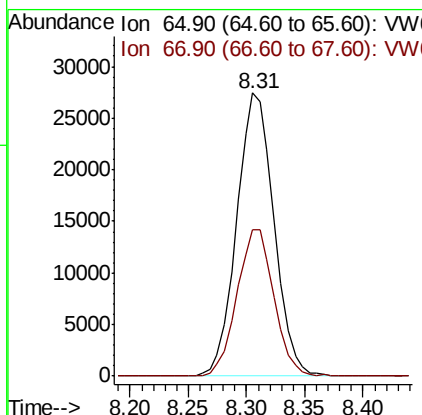
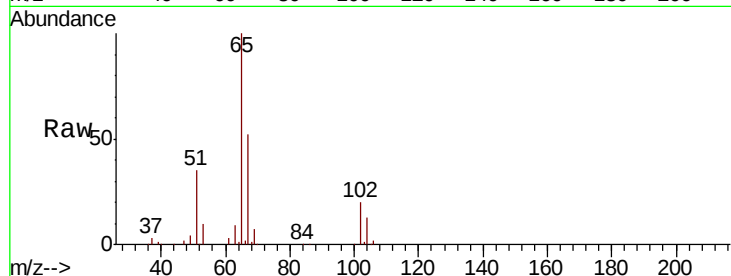




#33
 1,2-Dichloroethane-d4
 Concen: 71.628 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007027.D
 Acq: 22 Nov 2018 05:01

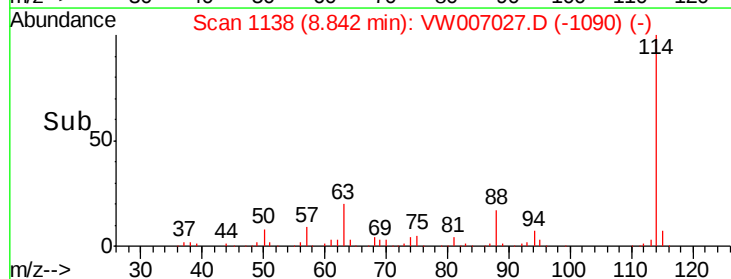
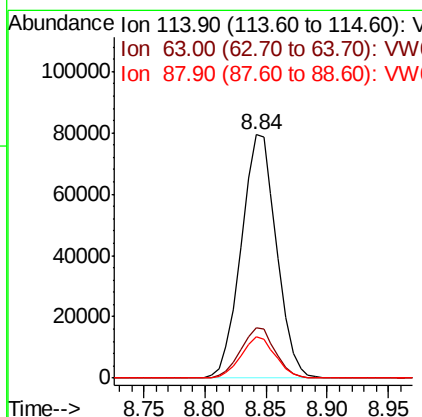
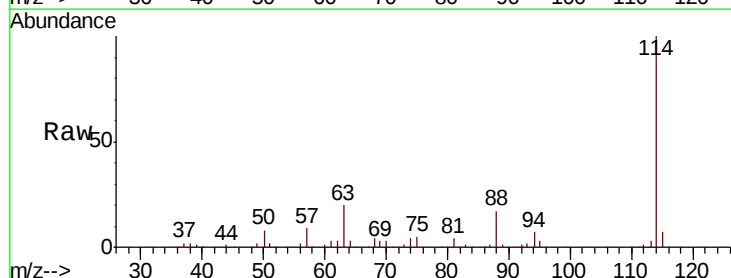
Instrument :
 MSVOA_W
 ClientSampleId :

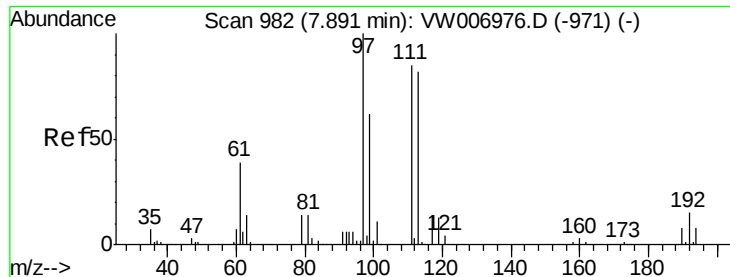
Tot Ion: 65 Resp: 60970
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007027.D
 Acq: 22 Nov 2018 05:01

Tgt Ion: 114 Resp: 159011
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.4
 88 16.8 0.0 34.2

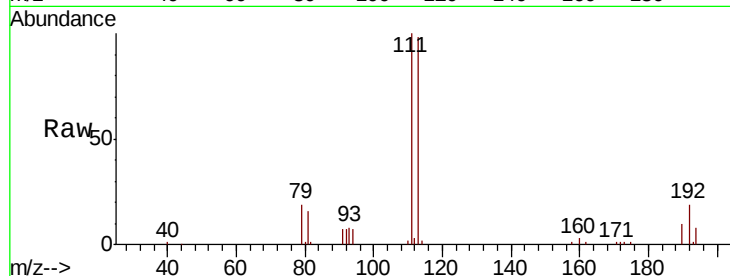




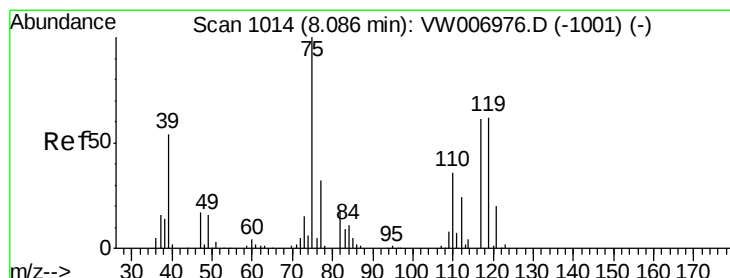
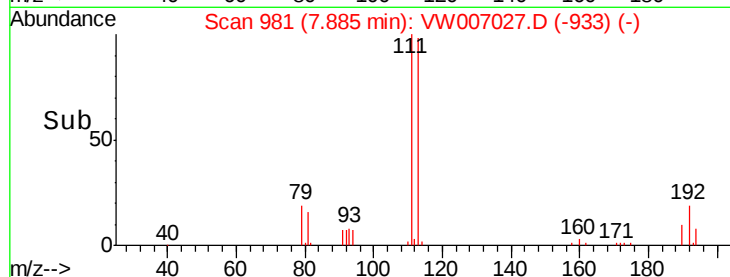
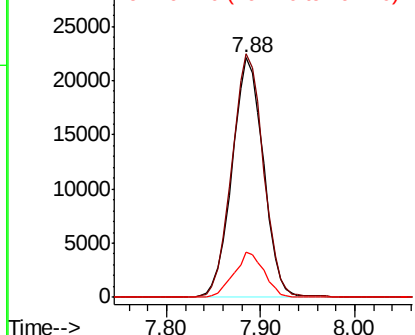
#35
 Dibromofluoromethane
 Concen: 56.694 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007027.D
 Acq: 22 Nov 2018 05:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 50910
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.0 121.6
 192 18.2 15.0 22.6

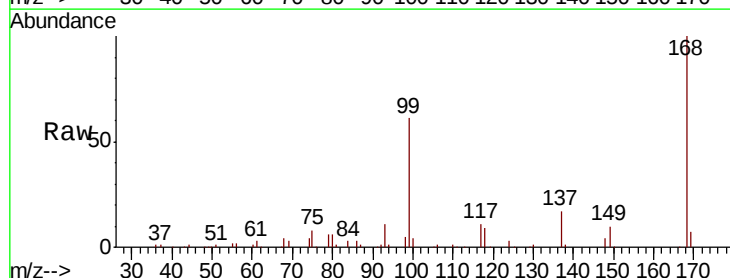


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

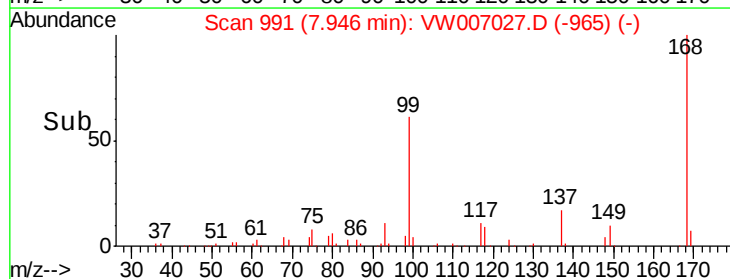
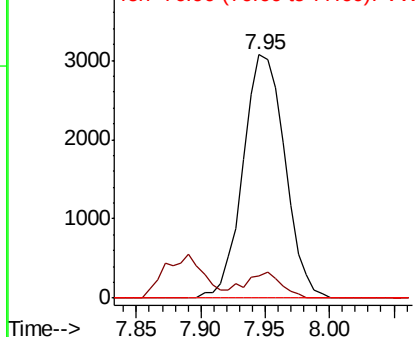


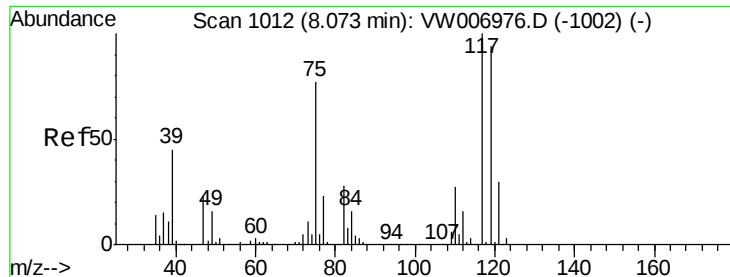
#36
 1,1-Dichloropropene
 Concen: 4.451 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW007027.D
 Acq: 22 Nov 2018 05:01

Tgt Ion: 75 Resp: 6917
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.0 54.0#
 77 0.0 24.9 37.3#



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

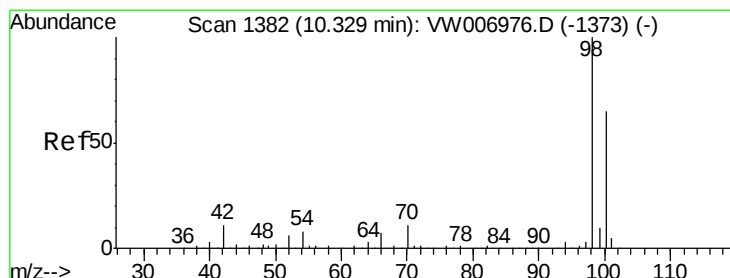
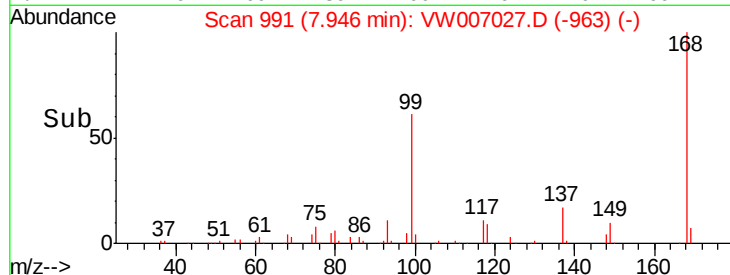
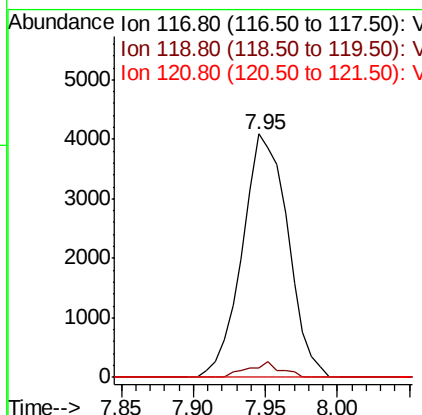
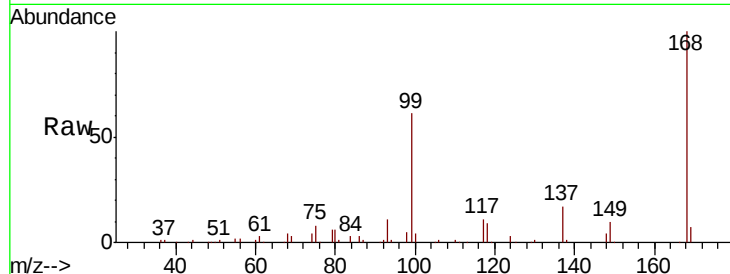




#38
Carbon Tetrachloride
Concen: 6.008 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW007027.D
Acq: 22 Nov 2018 05:01

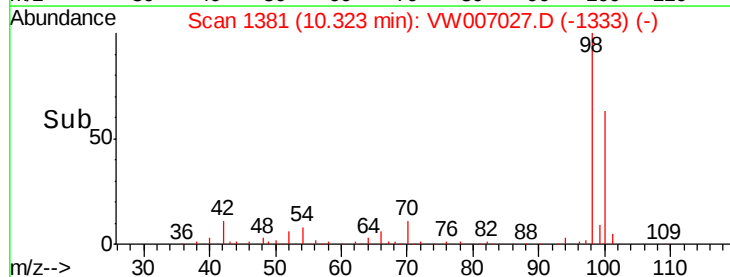
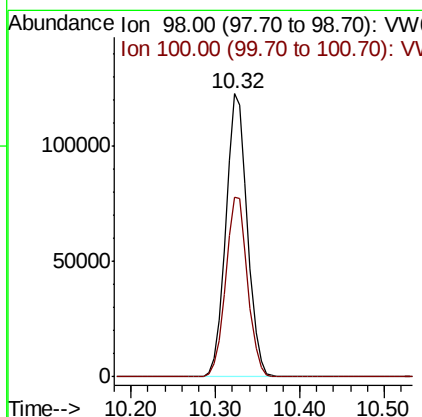
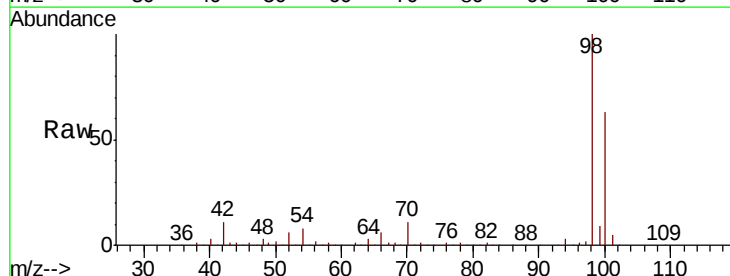
Instrument :
MSVOA_W
ClientSampled :

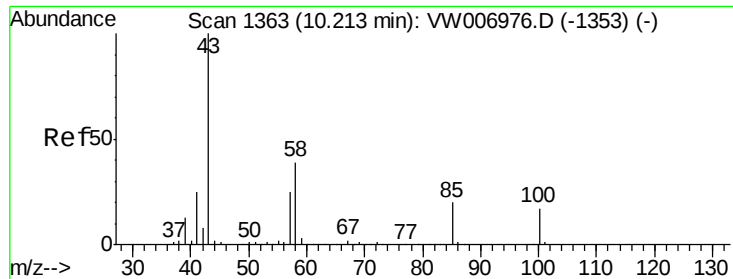
Tot Ion:117 Resp: 8940
Ion Ratio Lower Upper
117 100
119 4.1 74.9 112.3#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 54.016 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007027.D
Acq: 22 Nov 2018 05:01

Tgt Ion: 98 Resp: 214191
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 1.335 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW007027.D

Acq: 22 Nov 2018 05:01

Instrument :

MSVOA_W

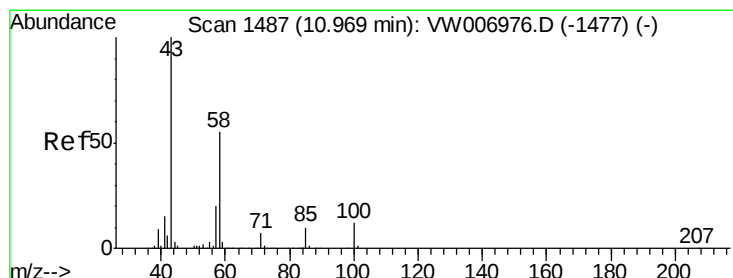
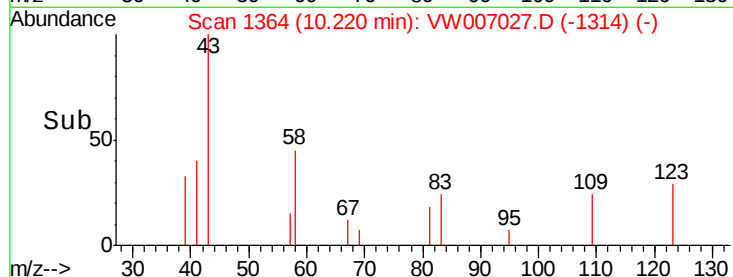
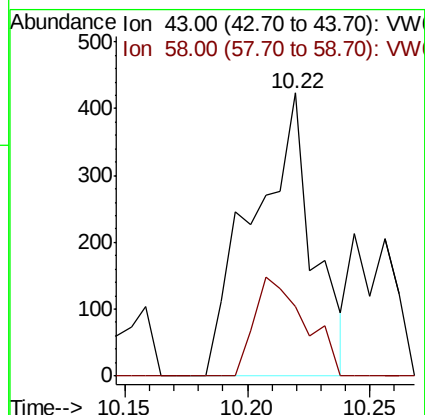
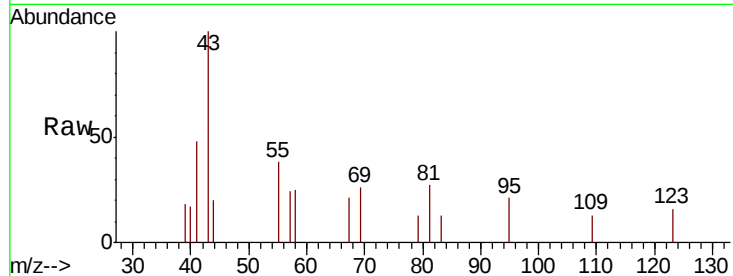
ClientSampled :

Tot Ion: 43 Resp: 724

Ion Ratio Lower Upper

43 100

58 29.4 31.8 47.6#



#59

2-Hexanone

Concen: 1.408 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW007027.D

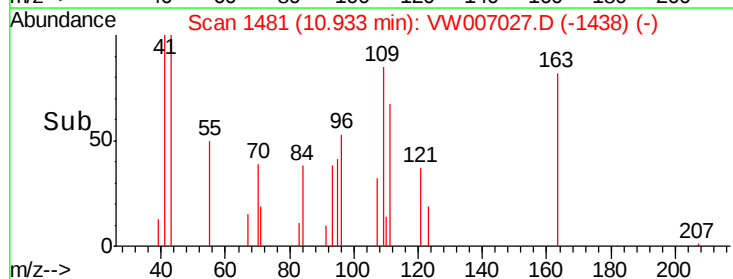
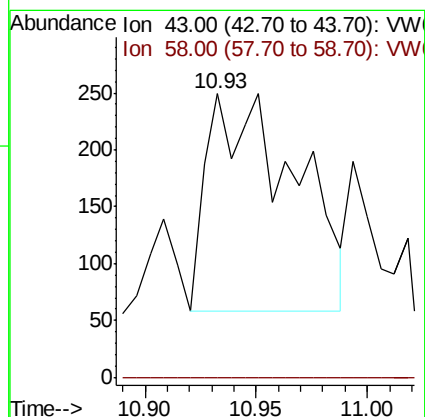
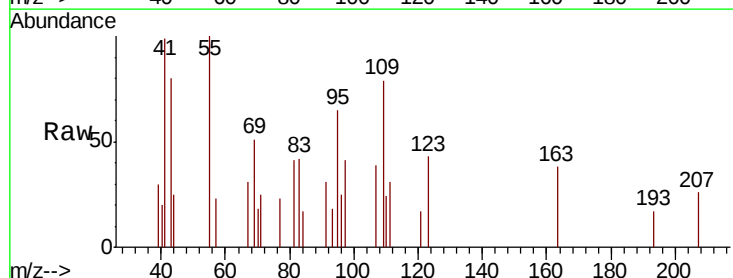
Acq: 22 Nov 2018 05:01

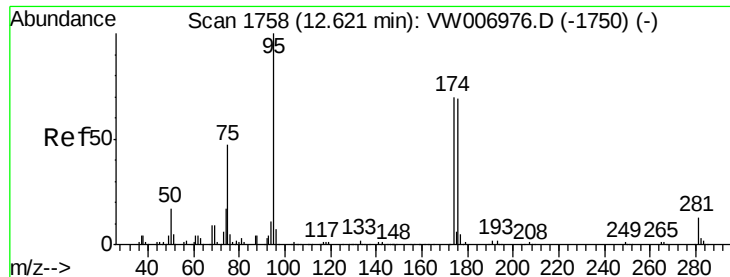
Tgt Ion: 43 Resp: 523

Ion Ratio Lower Upper

43 100

58 0.0 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 53.553 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007027.D

Acq: 22 Nov 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

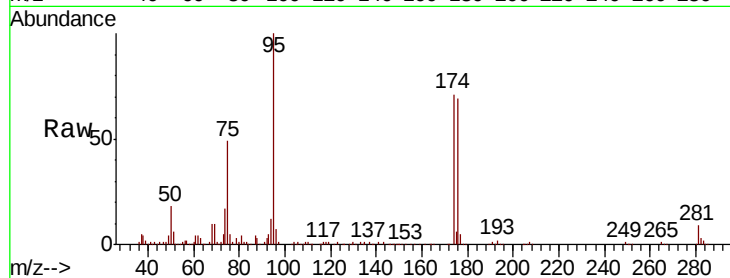
Tot Ion: 95 Resp: 83566

Ion Ratio Lower Upper

95 100

174 71.0 0.0 143.6

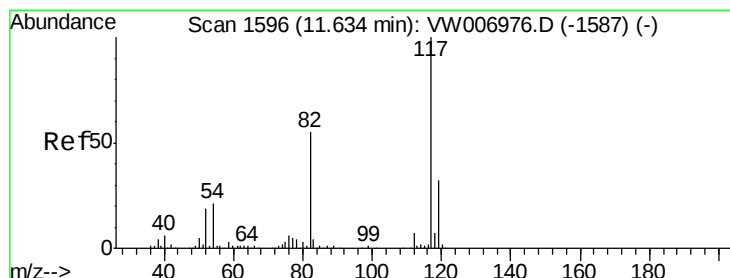
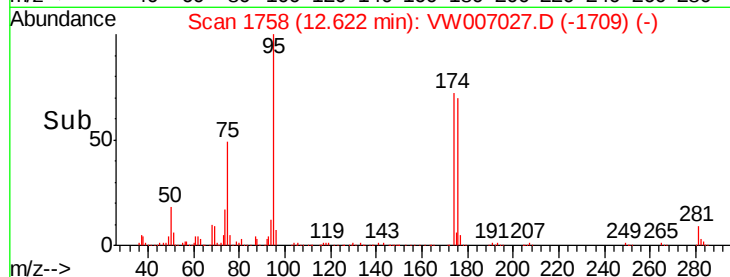
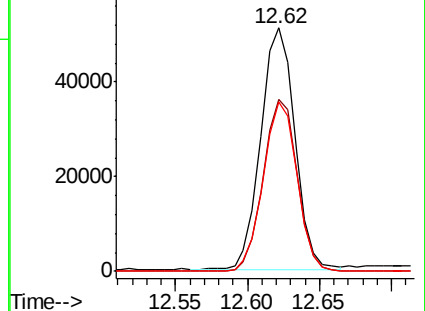
176 69.5 0.0 140.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007027.D

Acq: 22 Nov 2018 05:01

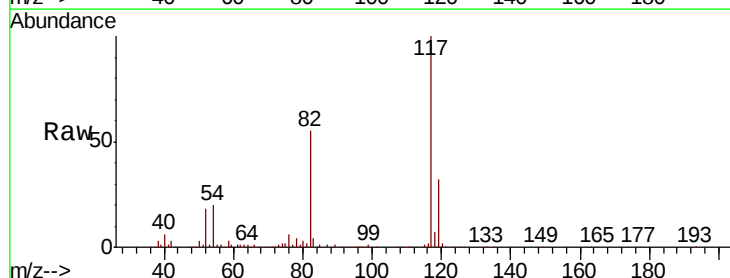
Tgt Ion: 117 Resp: 155946

Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.2

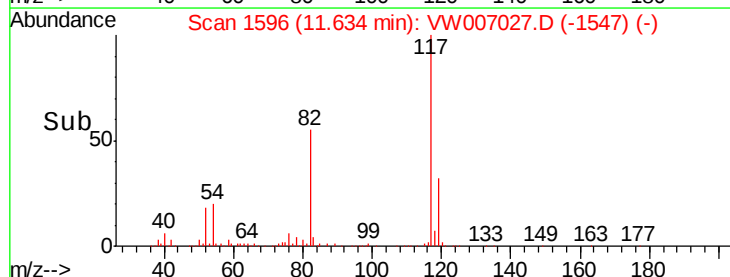
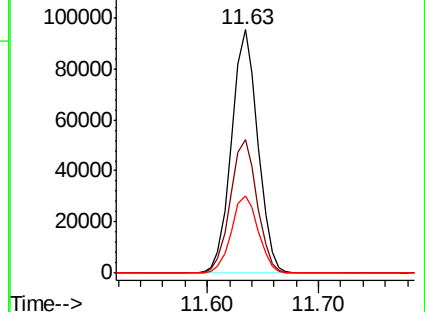
119 31.6 25.9 38.9

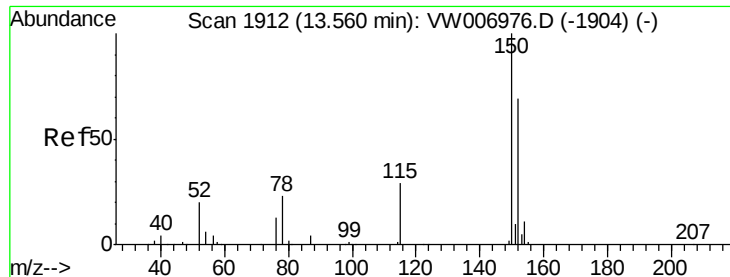


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007027.D

Acq: 22 Nov 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

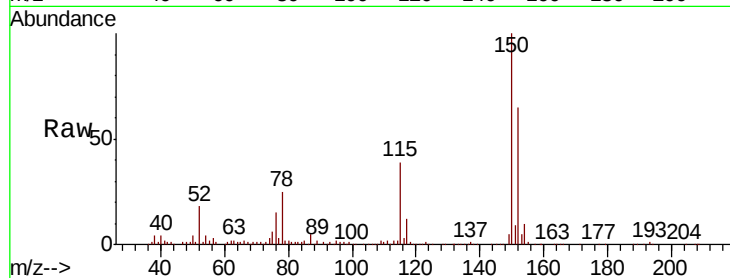
Tot Ion:152 Resp: 73316

Ion Ratio Lower Upper

152 100

115 61.1 31.4 94.2

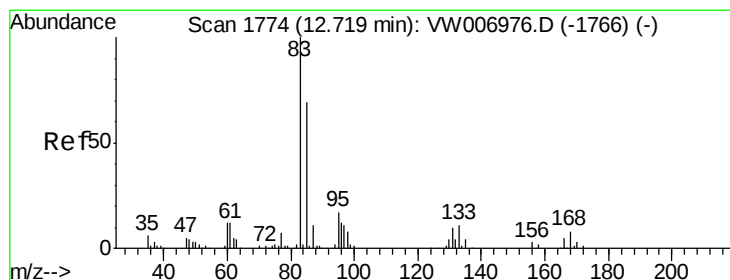
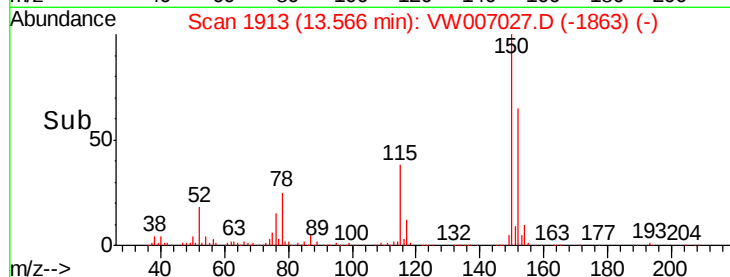
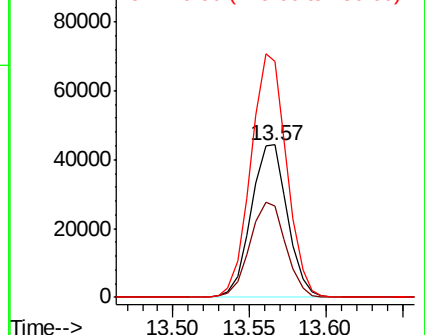
150 157.2 0.0 353.4



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



#75

1,1,2,2-Tetrachloroethane

Concen: 5.288 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW007027.D

Acq: 22 Nov 2018 05:01

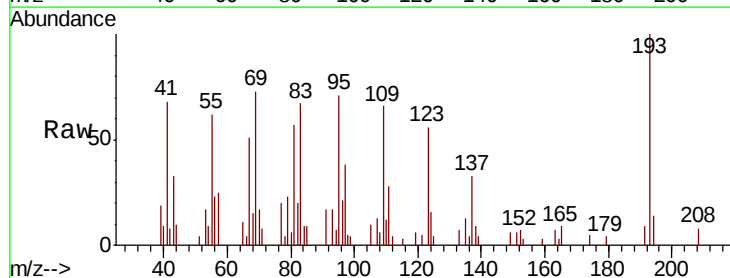
Tgt Ion: 83 Resp: 4010

Ion Ratio Lower Upper

83 100

131 2.1 5.7 17.1#

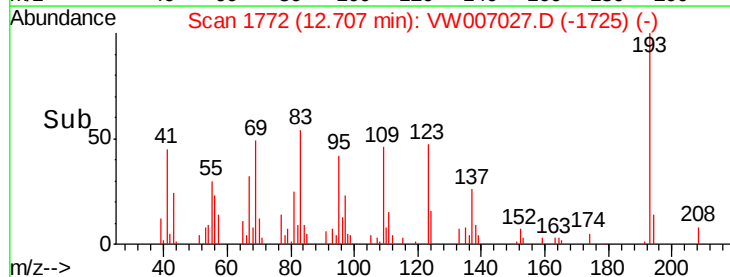
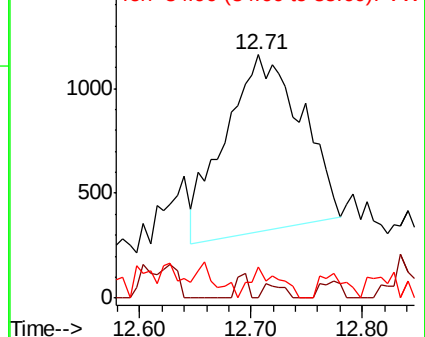
85 6.4 33.1 99.2#

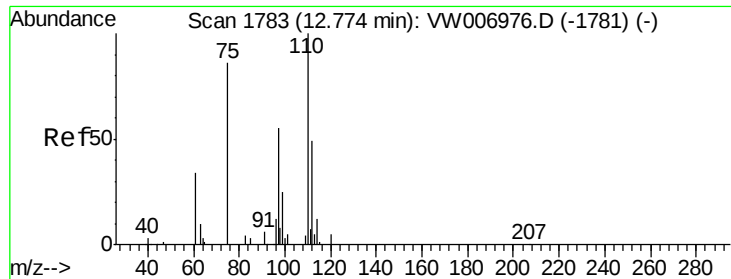


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 70.403 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007027.D

Acq: 22 Nov 2018 05:01

Instrument :

MSVOA_W

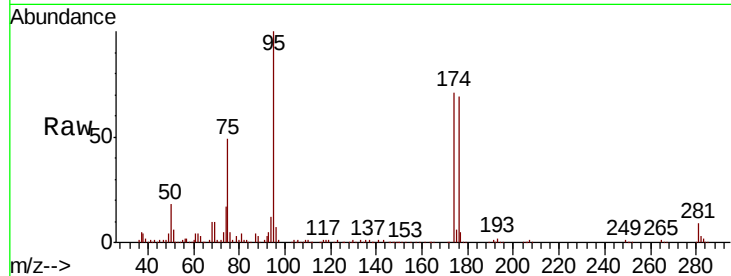
ClientSampled :

Tot Ion: 75 Resp: 40560

Ion Ratio Lower Upper

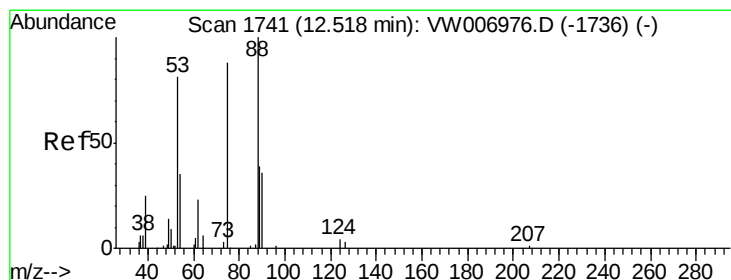
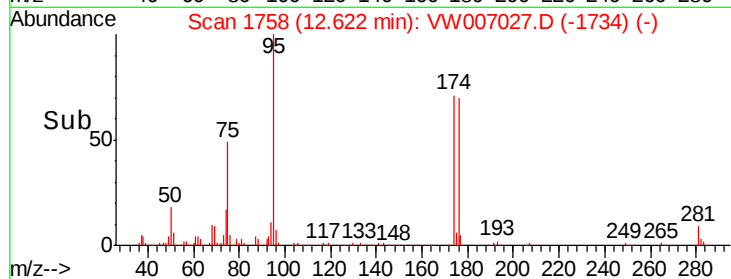
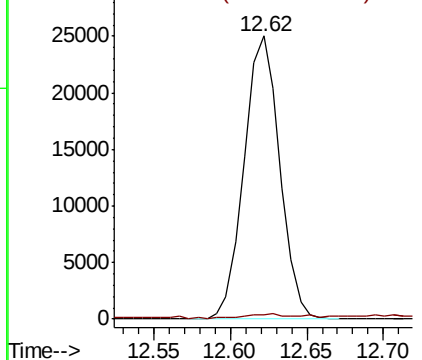
75 100

77 1.8 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: 176.753 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007027.D

Acq: 22 Nov 2018 05:01

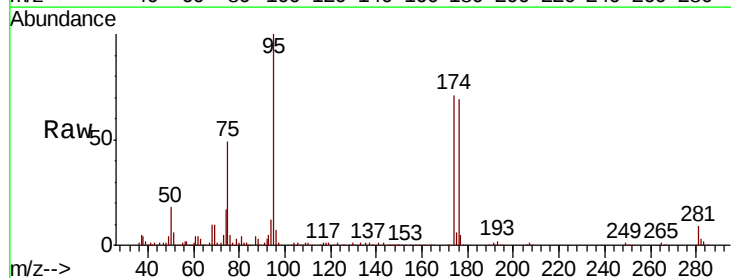
Tgt Ion: 75 Resp: 40560

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.2 39.3 58.9#



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

