

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112118\
 Data File : VW006981.D
 Acq On : 20 Nov 2018 18:24
 Operator : SY/AP
 Sample : VW1121SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 04:47:56 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

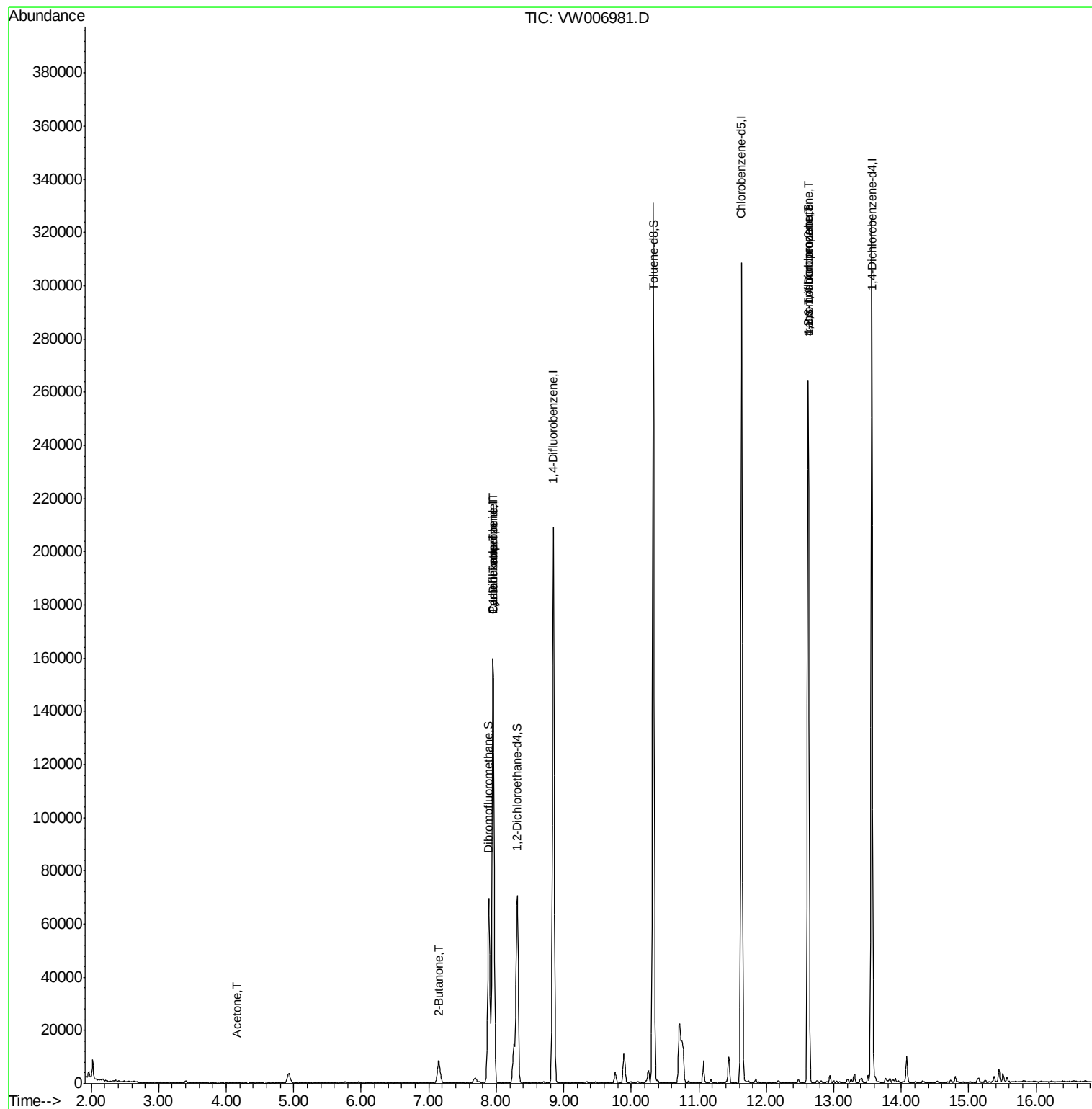
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	118096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	181543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	173980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57879	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
35) Dibromofluoromethane	7.89	113	51320	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.32	98	225958	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	87905	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	629	3.747	ug/l #	86
20) Methylene Chloride	4.93	84	2811	Below Cal	#	91
25) 2-Butanone	7.15	43	413	1.436	ug/l #	48
31) Cyclohexane	7.95	56	2423	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9018	5.083	ug/l #	49
38) Carbon Tetrachloride	7.95	117	12585	7.408	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	43135	63.954	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43135	160.562	ug/l #	10

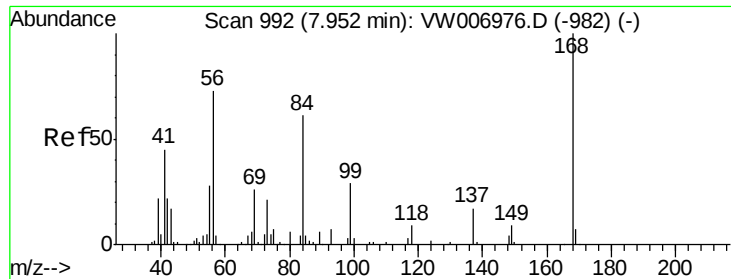
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112118\
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 21 04:47:56 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: VW006981.D

Acq: 20 Nov 2018 18:24

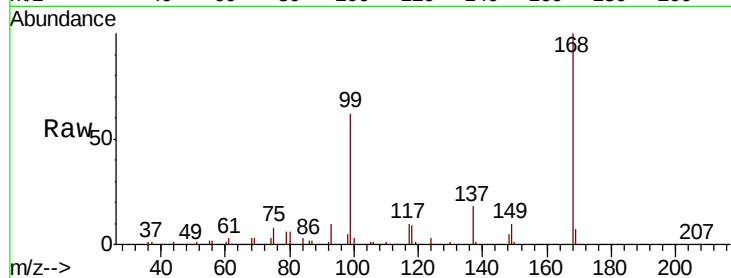
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 118096

Ion Ratio Lower Upper

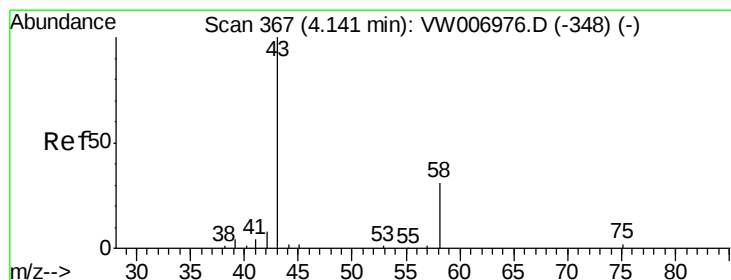
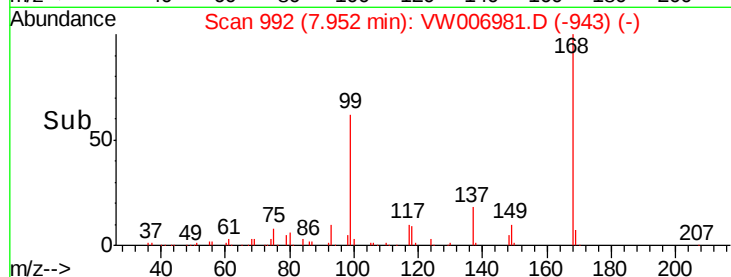
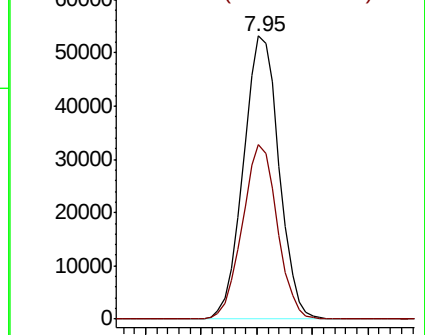
168 100

99 61.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.747 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006981.D

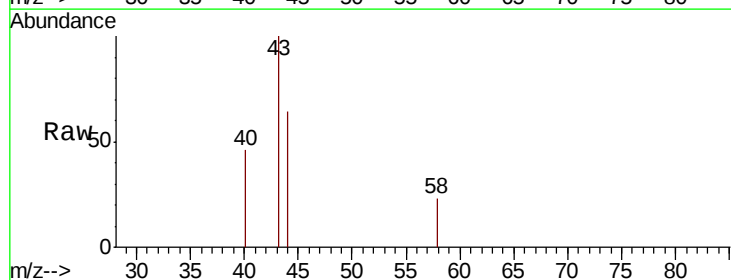
Acq: 20 Nov 2018 18:24

Tgt Ion: 43 Resp: 629

Ion Ratio Lower Upper

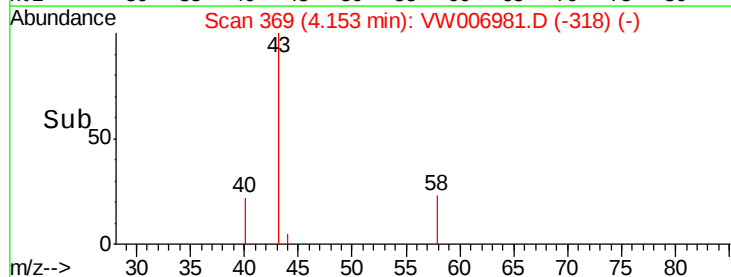
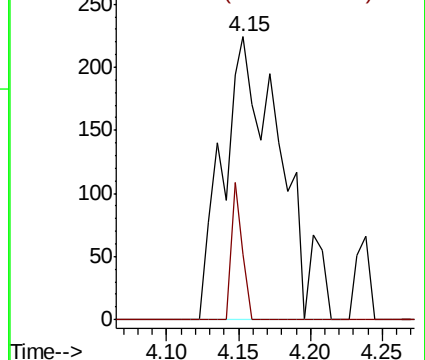
43 100

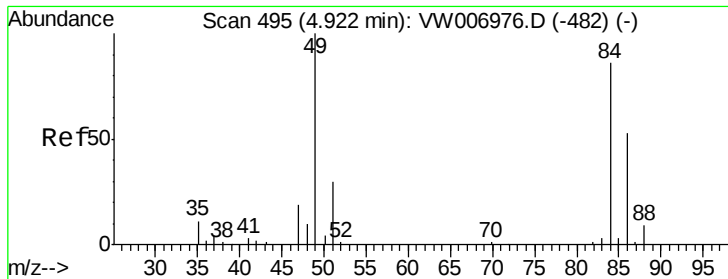
58 23.2 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

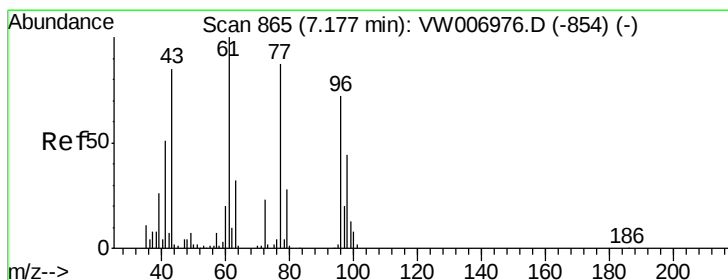
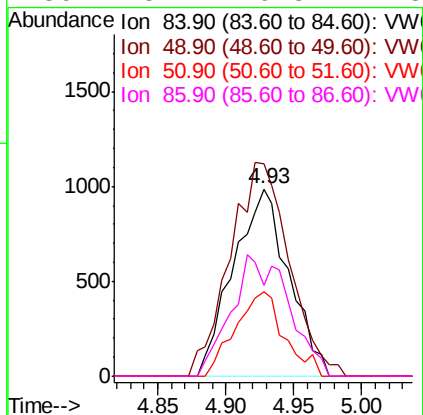
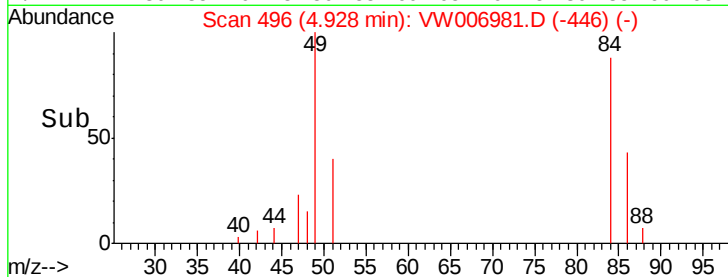
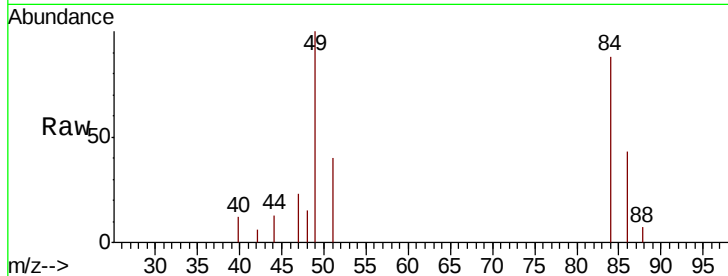




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006981.D
Acq: 20 Nov 2018 18:24

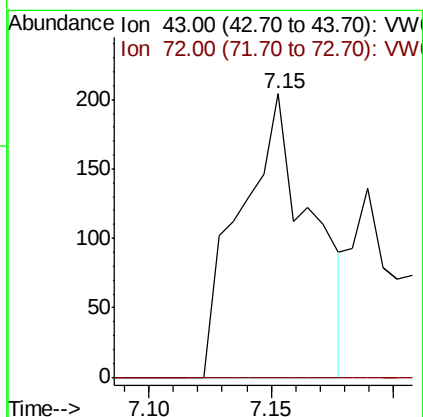
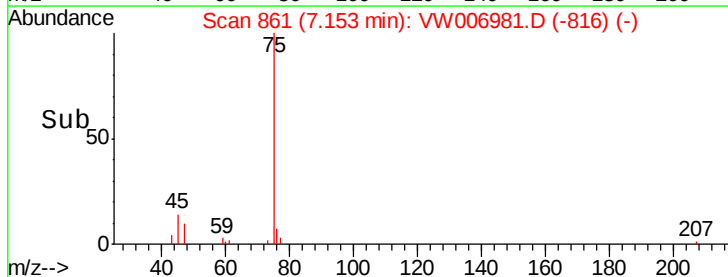
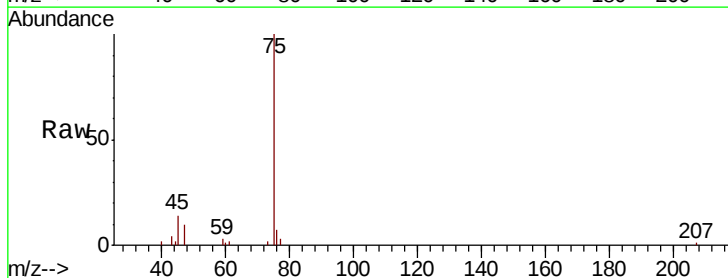
Instrument :
MSVOA_W
ClientSampleId :

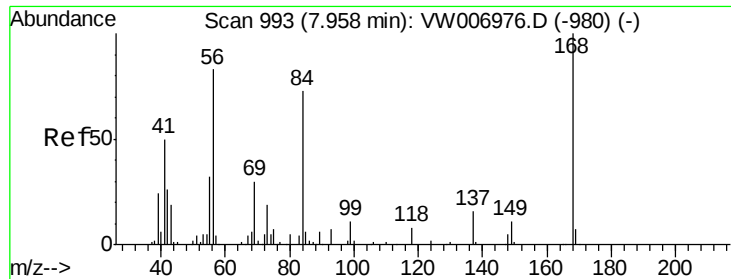
Tot Ion: 84 Resp: 2811
Ion Ratio Lower Upper
84 100
49 113.8 93.4 140.0
51 45.1 28.4 42.6#
86 48.7 49.8 74.8#



#25
2-Butanone
Concen: 1.436 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW006981.D
Acq: 20 Nov 2018 18:24

Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
72 0.0 21.3 31.9#





#31

Cyclohexane

Concen: 1.088 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006981.D

Acq: 20 Nov 2018 18:24

Instrument :
MSVOA_W
ClientSampled :

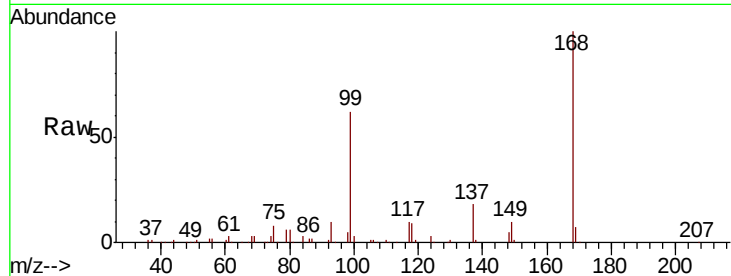
Tot Ion: 56 Resp: 2423

Ion Ratio Lower Upper

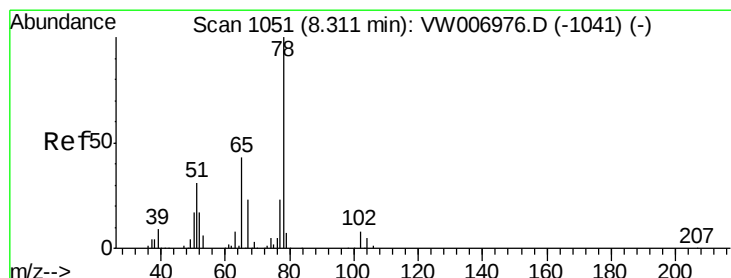
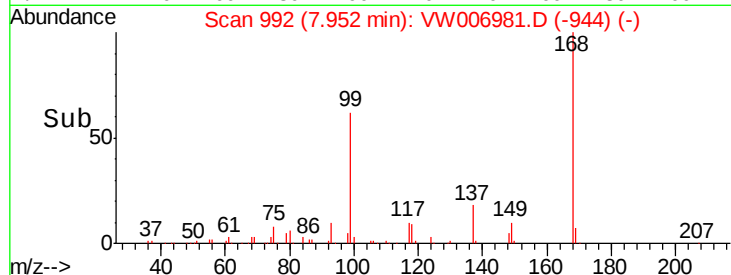
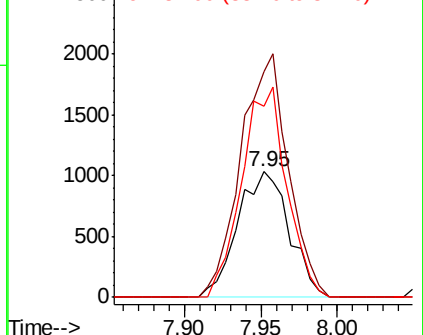
56 100

69 179.6 29.1 43.7#

84 152.0 70.6 105.8#



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: 50.060 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006981.D

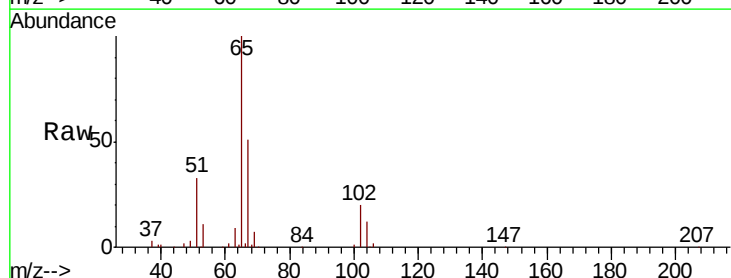
Acq: 20 Nov 2018 18:24

Tgt Ion: 65 Resp: 57879

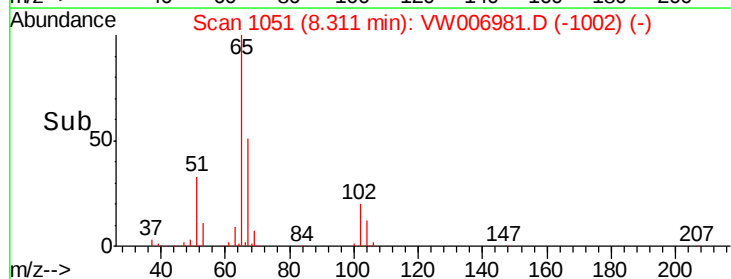
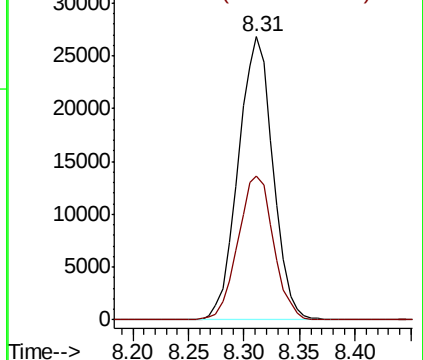
Ion Ratio Lower Upper

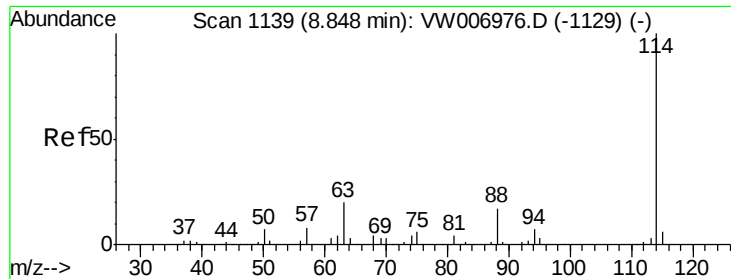
65 100

67 52.2 0.0 106.2



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

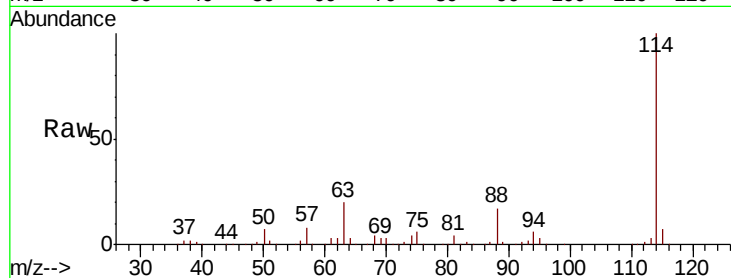




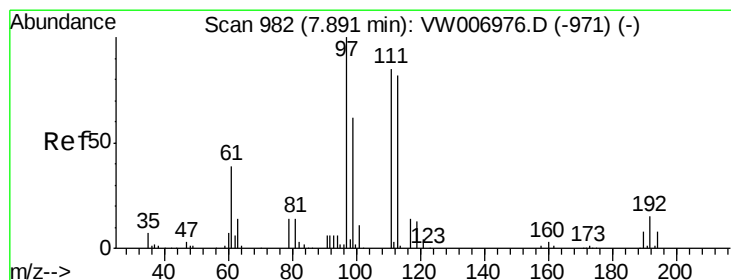
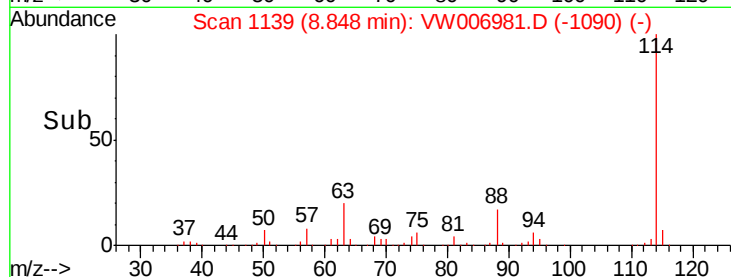
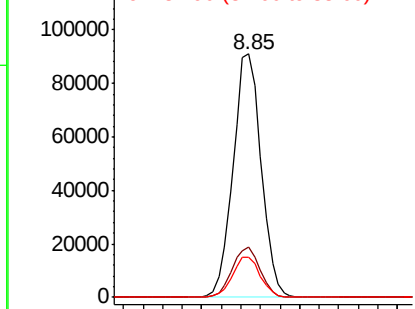
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006981.D
 Acq: 20 Nov 2018 18:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 181543
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 16.6 0.0 34.2

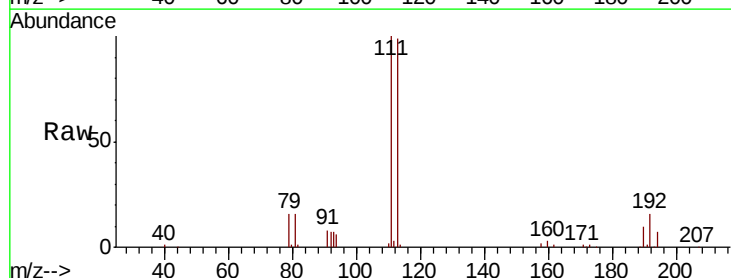


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

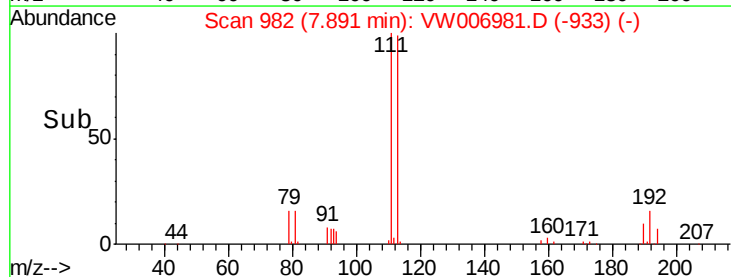
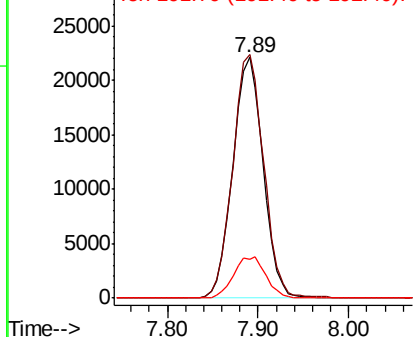


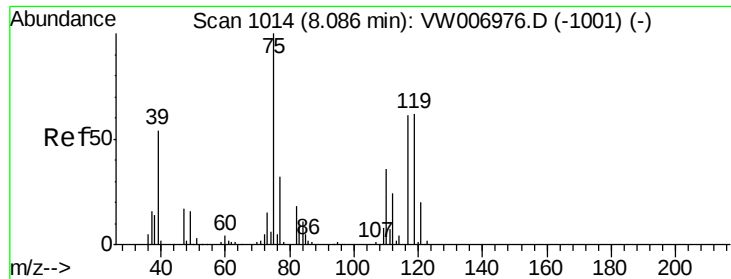
#35
 Dibromofluoromethane
 Concen: 50.058 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006981.D
 Acq: 20 Nov 2018 18:24

Tgt Ion:113 Resp: 51320
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.0 121.6
 192 18.1 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

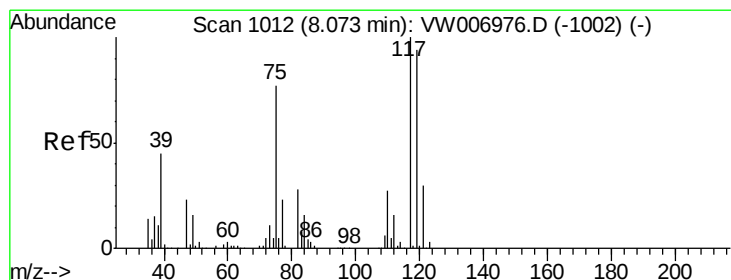
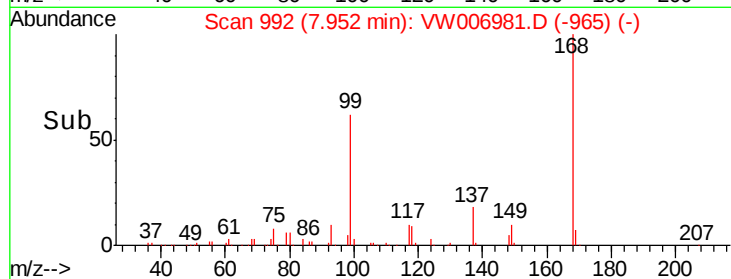
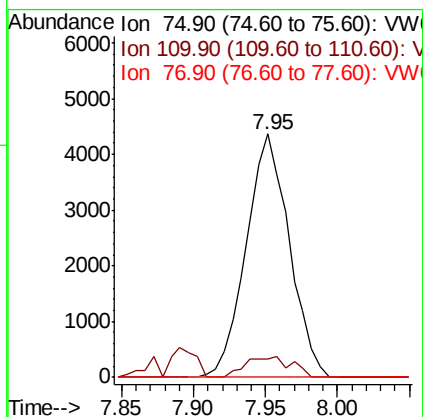
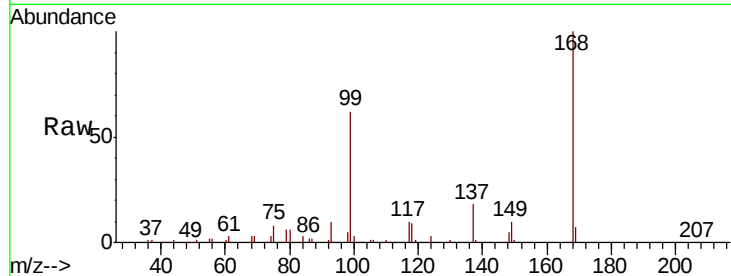




#36
 1,1-Dichloropropene
 Concen: 5.083 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006981.D
 Acq: 20 Nov 2018 18:24

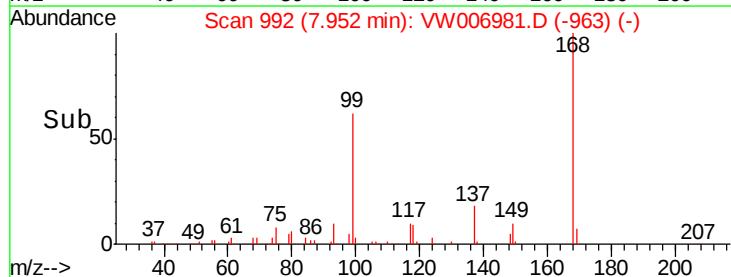
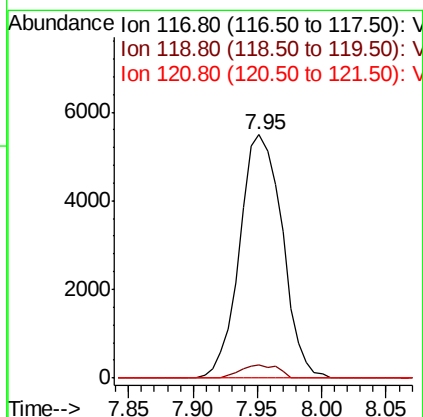
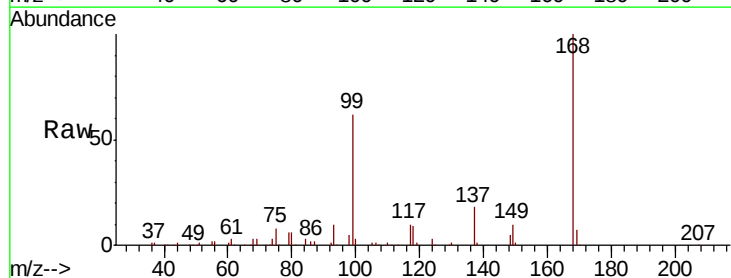
Instrument :
 MSVOA_W
 ClientSampleId :

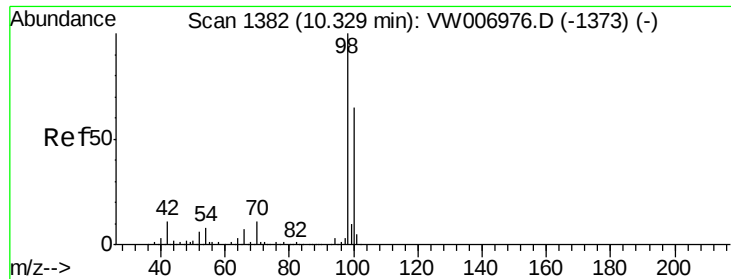
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 7.408 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006981.D
 Acq: 20 Nov 2018 18:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.9	112.3#
121	0.0	23.6	35.4#

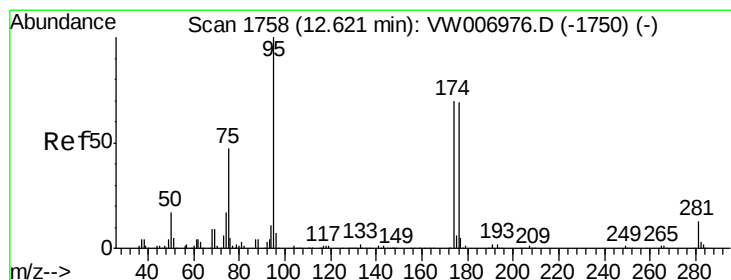
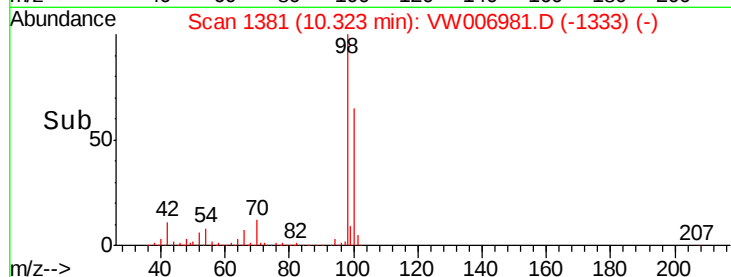
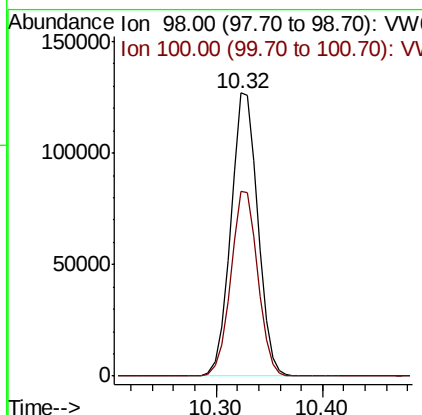
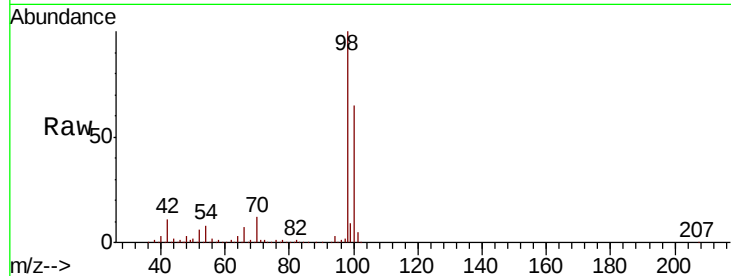




#50
Toluene-d8
Concen: 49.911 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006981.D
Acq: 20 Nov 2018 18:24

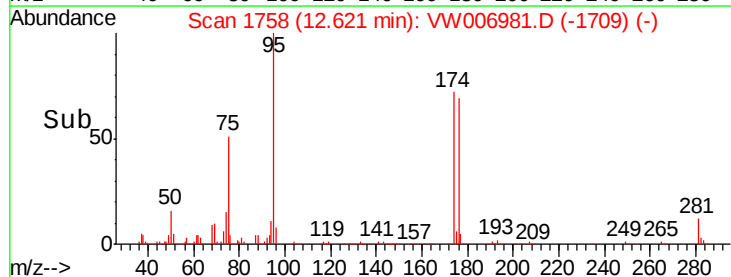
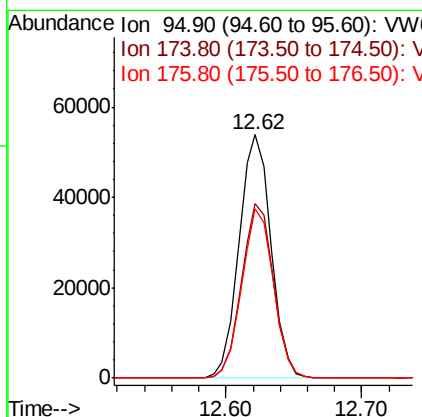
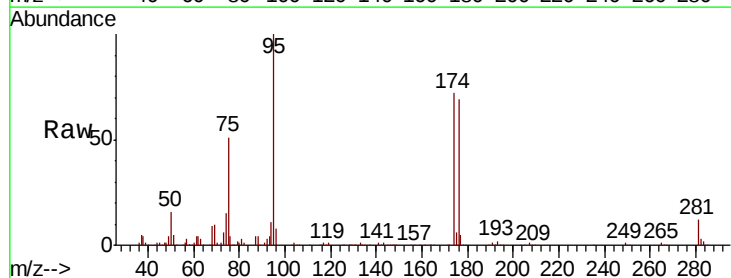
Instrument :
MSVOA_W
ClientSampleId :

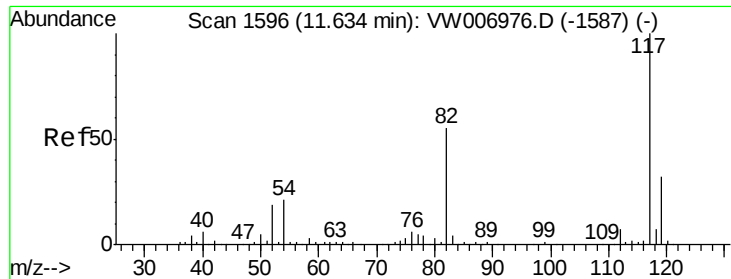
Tot Ion: 98 Resp: 225958
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.342 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006981.D
Acq: 20 Nov 2018 18:24

Tgt Ion: 95 Resp: 87905
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.6
176 69.3 0.0 140.4

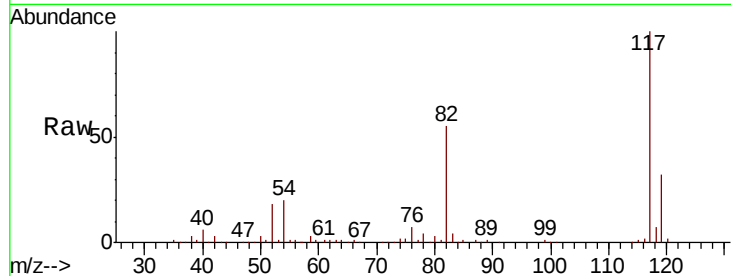




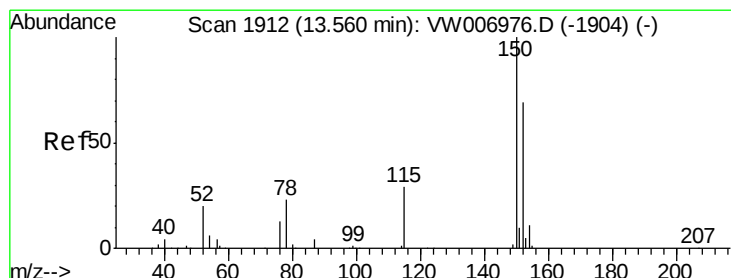
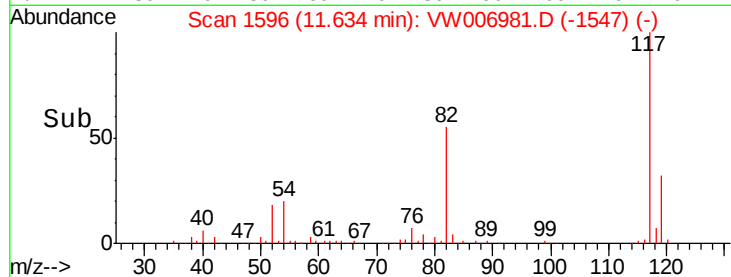
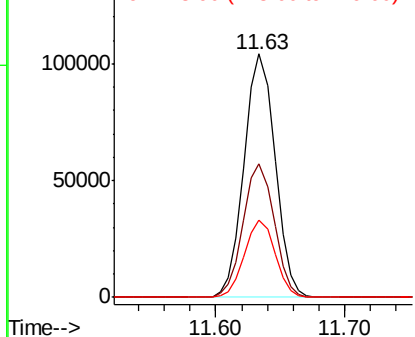
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006981.D
Acq: 20 Nov 2018 18:24

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 173980
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.8 25.9 38.9

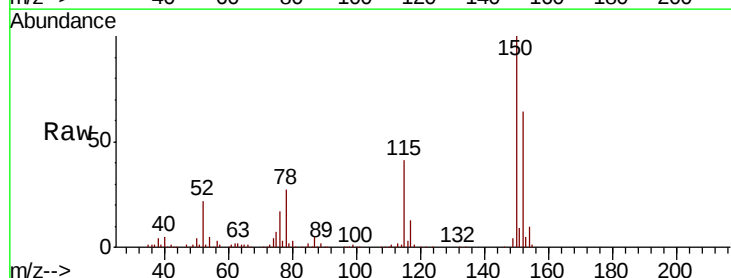


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

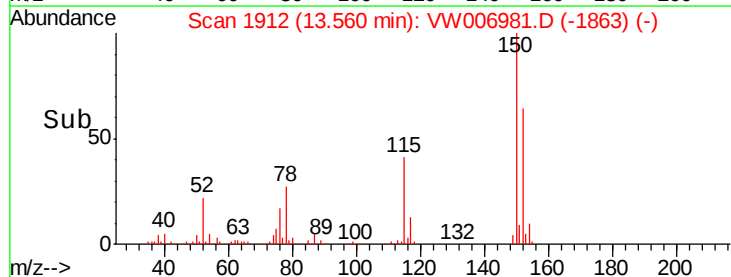
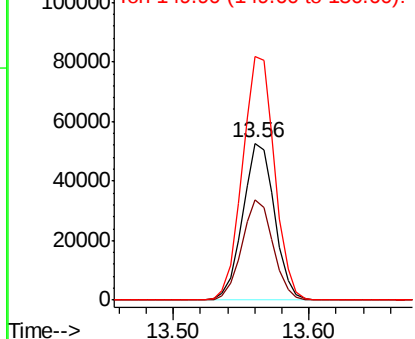


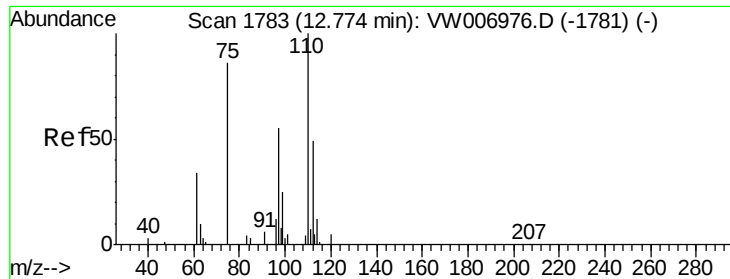
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW006981.D
Acq: 20 Nov 2018 18:24

Tgt Ion:152 Resp: 85833
Ion Ratio Lower Upper
152 100
115 62.6 31.4 94.2
150 157.0 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





#76

1,2,3-Trichloropropane

Concen: 63.954 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006981.D

Acq: 20 Nov 2018 18:24

Instrument :

MSVOA_W

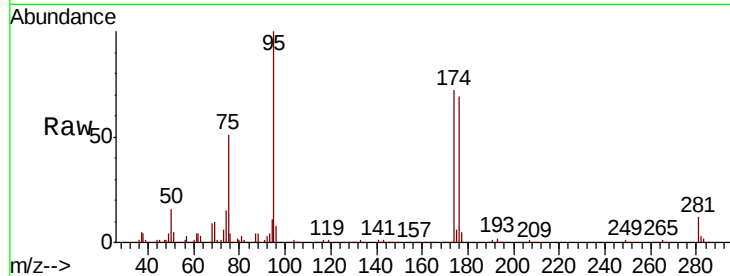
ClientSampled :

Tot Ion: 75 Resp: 43135

Ion Ratio Lower Upper

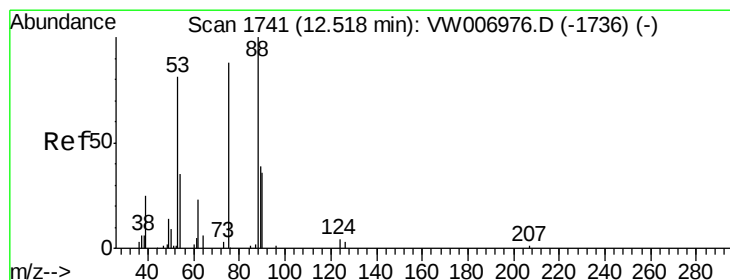
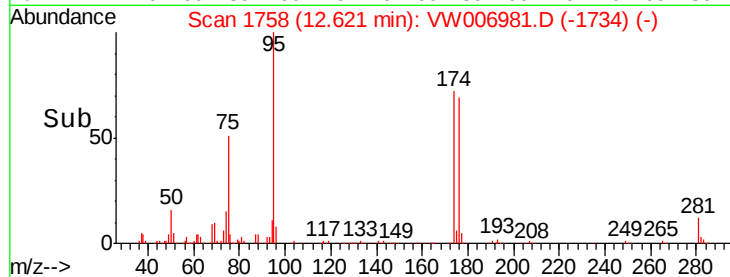
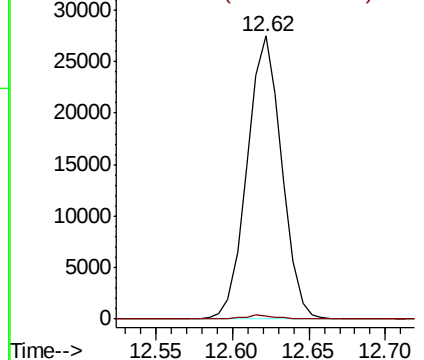
75 100

77 1.1 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: 160.562 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006981.D

Acq: 20 Nov 2018 18:24

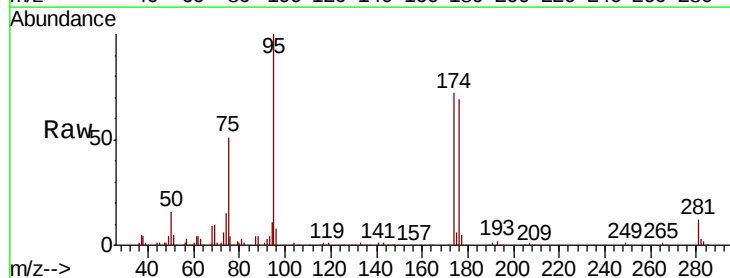
Tgt Ion: 75 Resp: 43135

Ion Ratio Lower Upper

75 100

53 0.0 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

