

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006712.D
 Acq On : 07 Nov 2018 04:11
 Operator : SY/AP
 Sample : J5764-11RE
 Misc : 5.76G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-FRE

Quant Time: Nov 07 11:33:01 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	20478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	24870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	13893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3202	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	7196	40.88	ug/l	0.00
Spiked Amount			Recovery	=	81.76%	
35) Dibromofluoromethane	7.89	113	7968	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
50) Toluene-d8	10.33	98	12756	21.47	ug/l	0.00
Spiked Amount			Recovery	=	42.94%	
62) 4-Bromofluorobenzene	12.63	95	3772	17.51	ug/l	0.00
Spiked Amount			Recovery	=	35.02%	

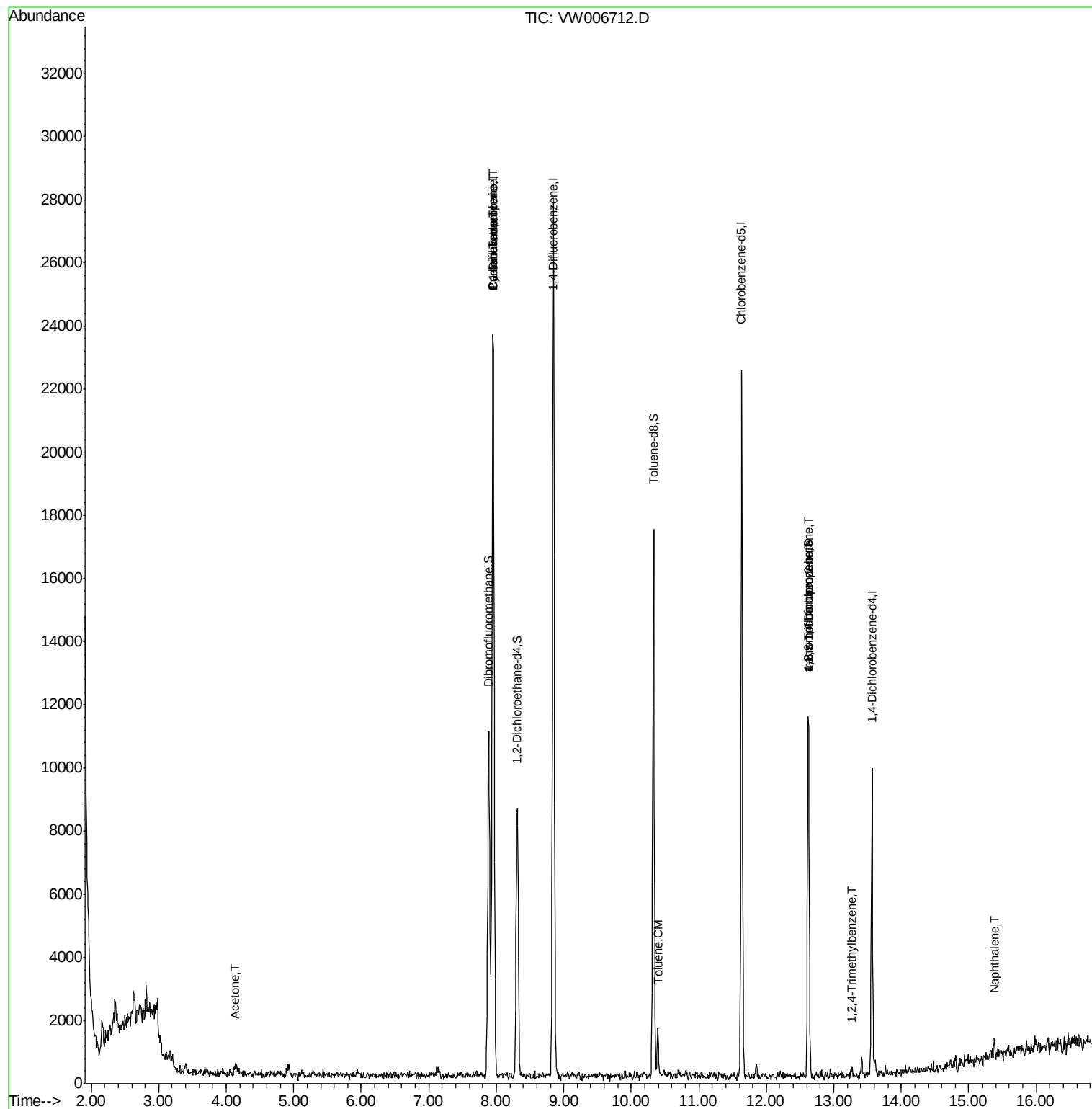
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	776	27.305	ug/l #	84
20) Methylene Chloride	4.92	84	304	Below Cal	#	72
31) Cyclohexane	7.96	56	379	1.352	ug/l #	60
36) 1,1-Dichloropropene	7.95	75	1442	6.593	ug/l #	42
38) Carbon Tetrachloride	7.95	117	1799	7.872	ug/l #	12
52) Toluene	10.40	92	803	1.927	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	1775	71.049	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	1775	176.865	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.26	105	194	1.067	ug/l #	30
95) Naphthalene	15.38	128	570	4.930	ug/l #	75

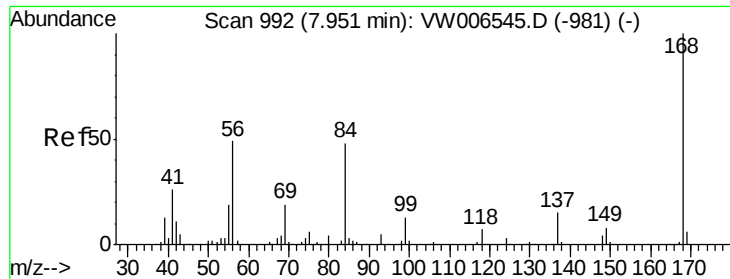
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
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Misc : 5.76G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

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JC-03-110218-FRE

Quant Time: Nov 07 11:33:01 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: VW006712.D

Acq: 07 Nov 2018 04:11

Instrument :

MSVOA_W

ClientSampleId :

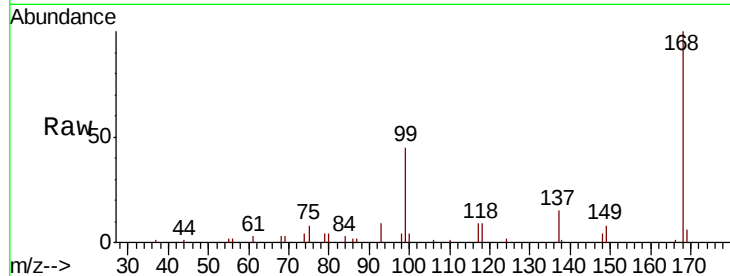
JC-03-110218-FRE

Tot Ion:168 Resp: 20478

Ion Ratio Lower Upper

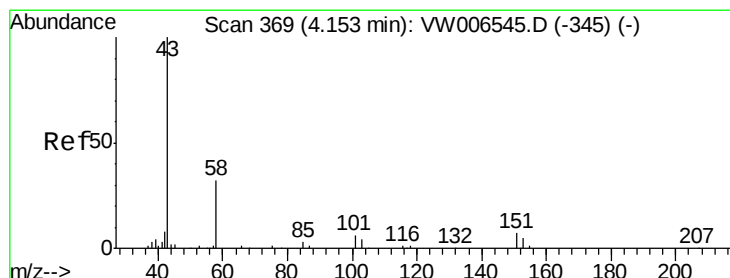
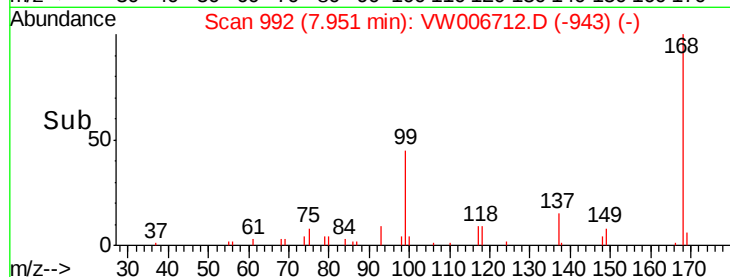
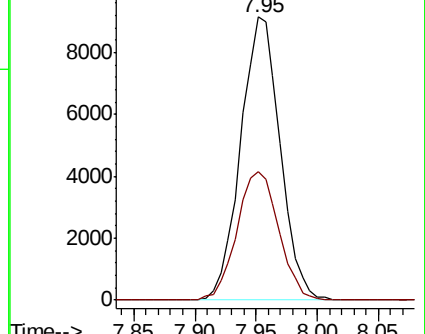
168 100

99 45.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 27.305 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW006712.D

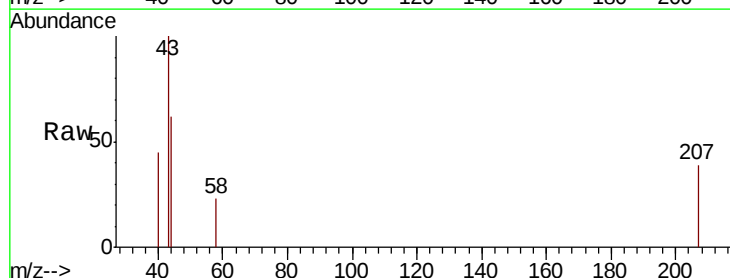
Acq: 07 Nov 2018 04:11

Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

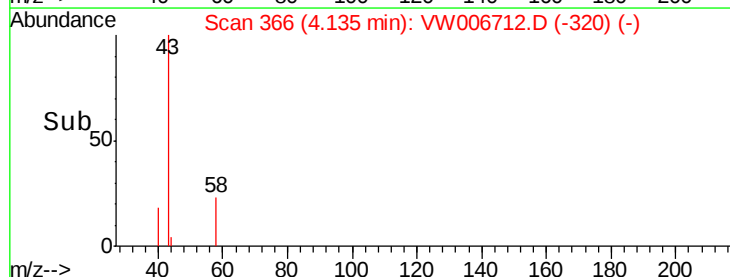
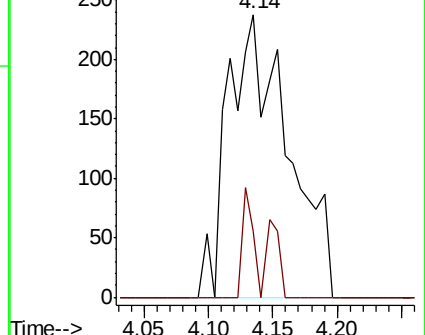
43 100

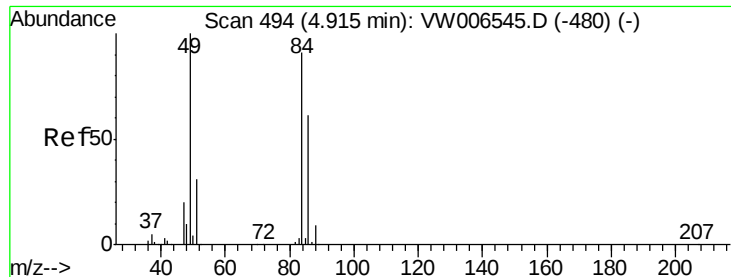
58 23.1 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

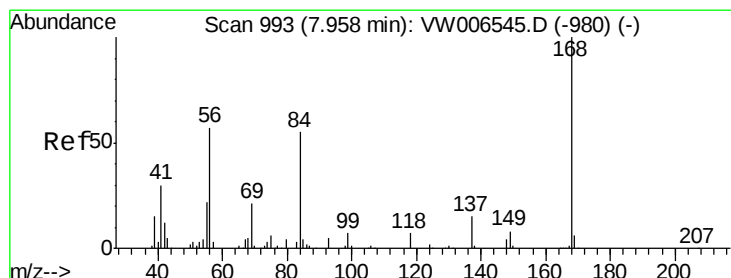
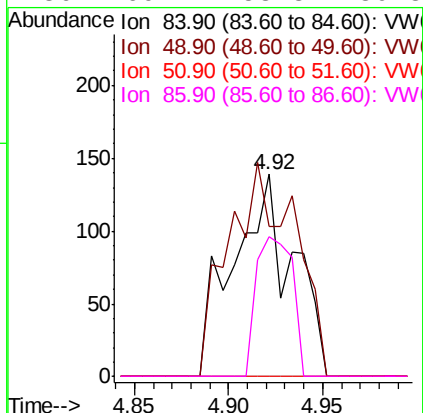
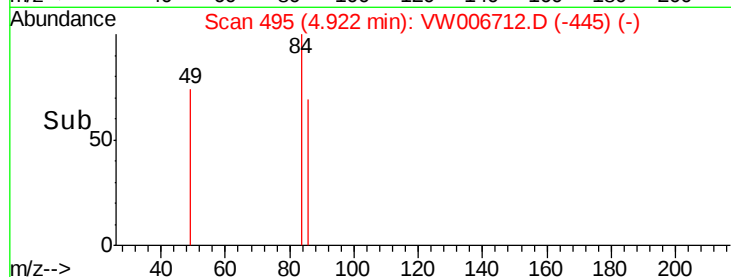
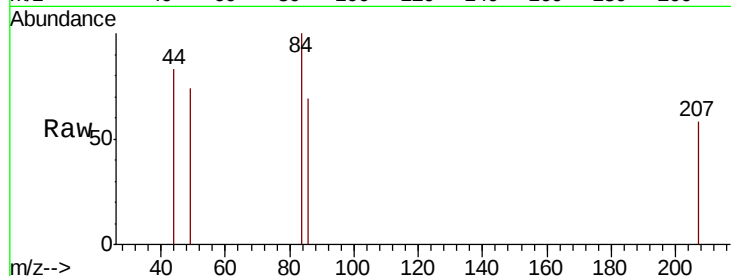




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006712.D
Acq: 07 Nov 2018 04:11

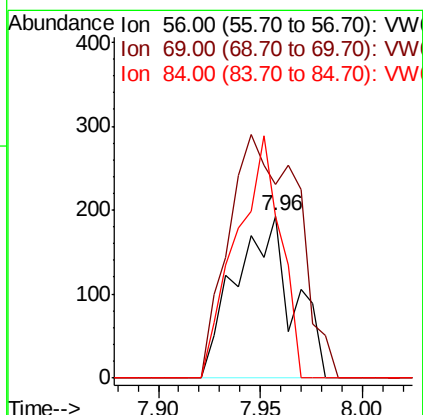
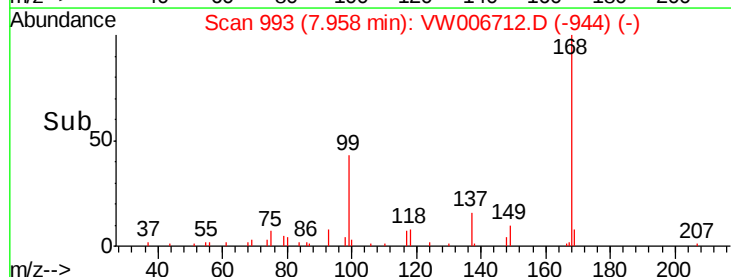
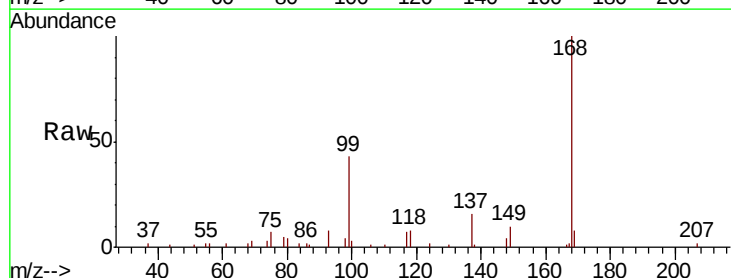
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-FRE

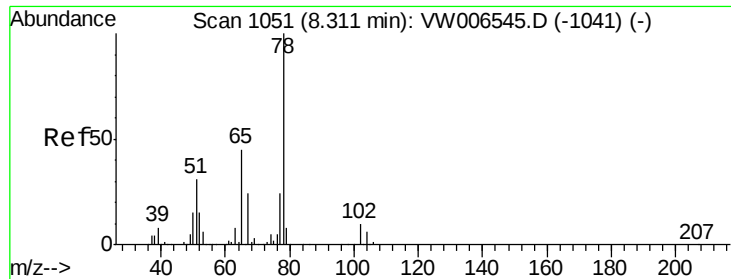
Tot Ion: 84 Resp: 304
Ion Ratio Lower Upper
84 100
49 74.1 88.2 132.4#
51 0.0 27.0 40.6#
86 69.1 53.8 80.8



#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006712.D
Acq: 07 Nov 2018 04:11

Tgt Ion: 56 Resp: 379
Ion Ratio Lower Upper
56 100
69 119.7 29.0 43.4#
84 99.5 77.8 116.6

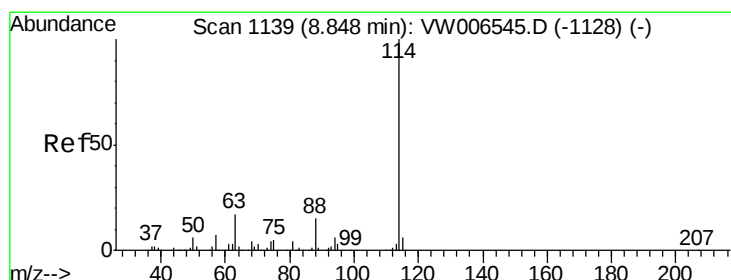
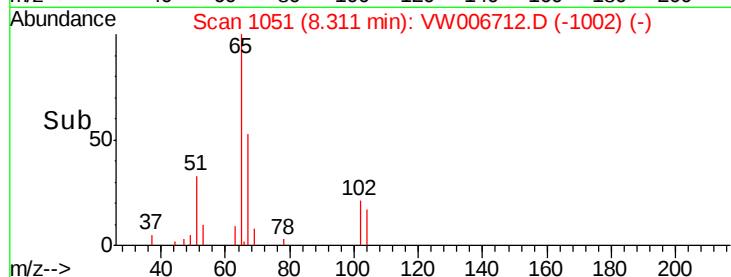
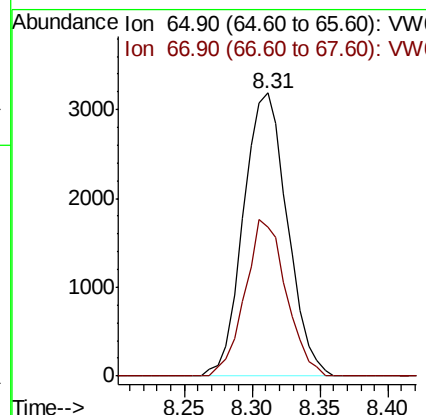
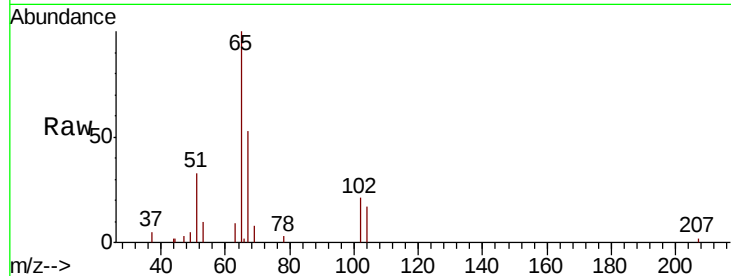




#33
 1,2-Dichloroethane-d4
 Concen: 40.880 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006712.D
 Acq: 07 Nov 2018 04:11

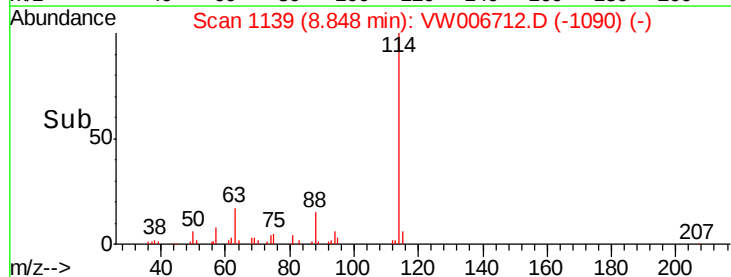
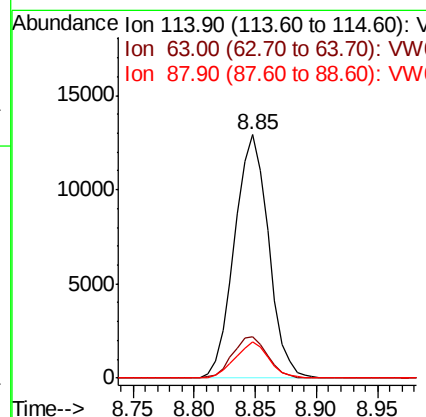
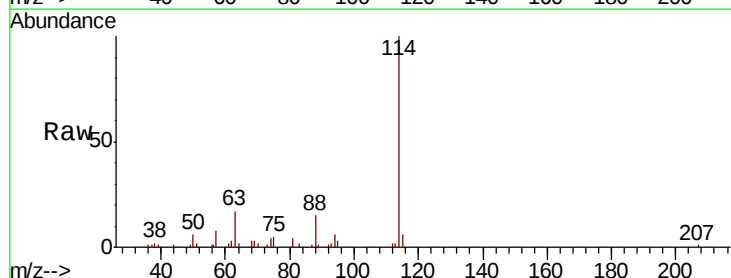
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-FRE

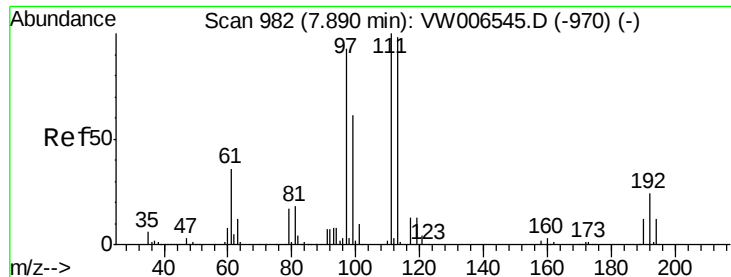
Tot Ion: 65 Resp: 7196
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006712.D
 Acq: 07 Nov 2018 04:11

Tgt Ion: 114 Resp: 24870
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.4
 88 14.7 0.0 29.0

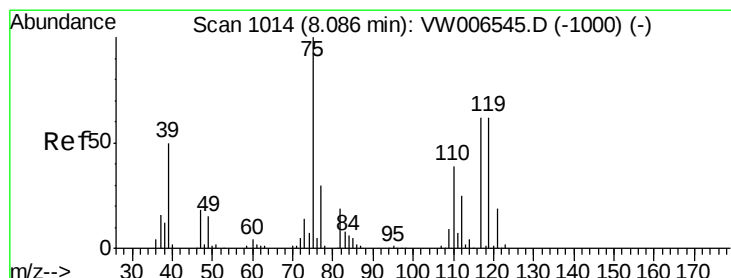
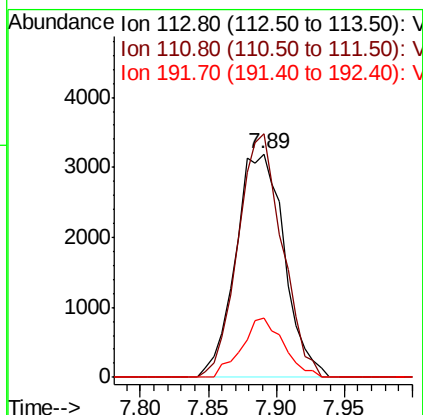
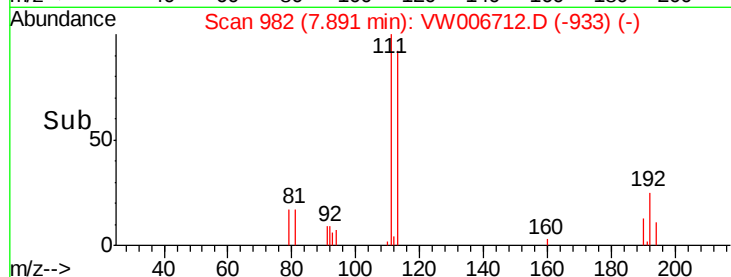
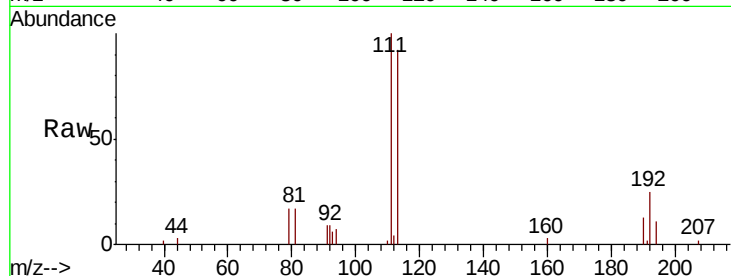




#35
Dibromofluoromethane
Concen: 51.051 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006712.D
Acq: 07 Nov 2018 04:11

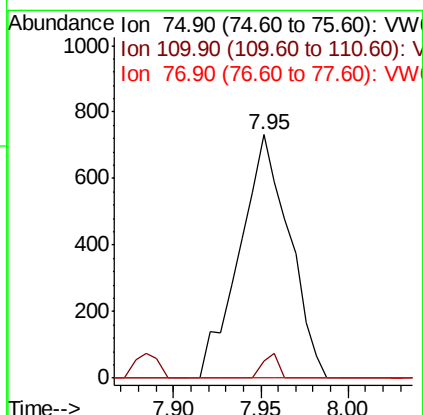
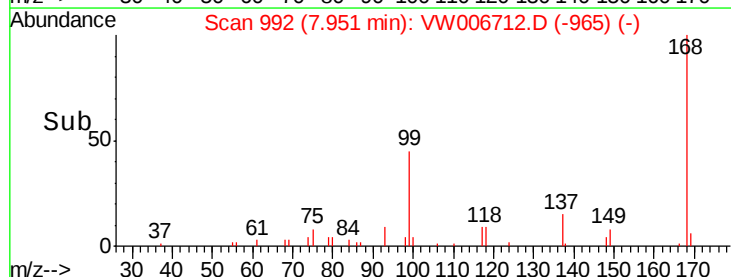
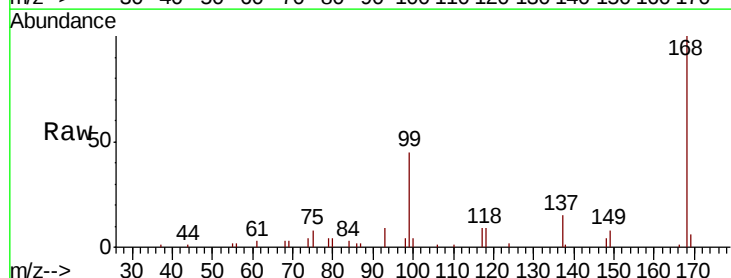
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-FRE

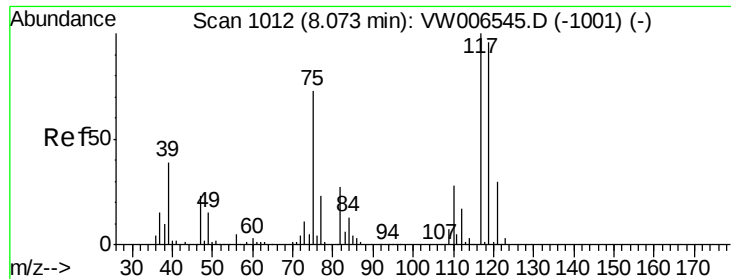
Tot Ion:113 Resp: 7968
Ion Ratio Lower Upper
113 100
111 98.9 82.2 123.2
192 22.9 19.0 28.6



#36
1,1-Dichloropropene
Concen: 6.593 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW006712.D
Acq: 07 Nov 2018 04:11

Tgt Ion: 75 Resp: 1442
Ion Ratio Lower Upper
75 100
110 3.2 19.5 58.5#
77 0.0 24.6 37.0#

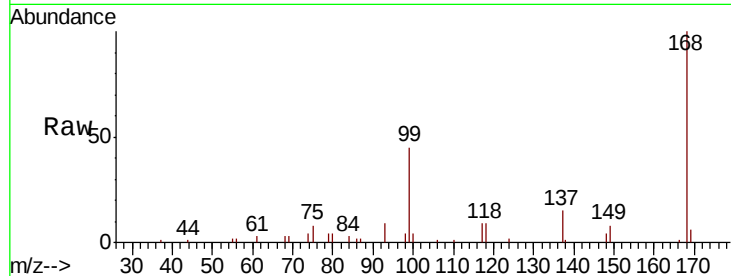




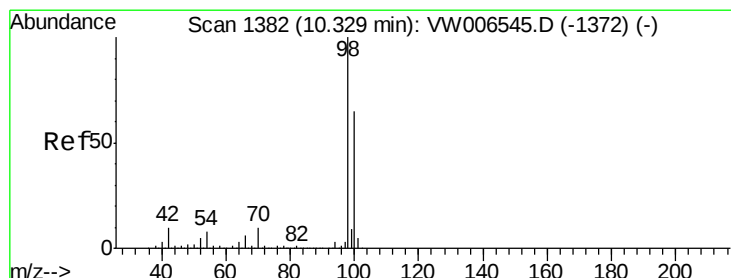
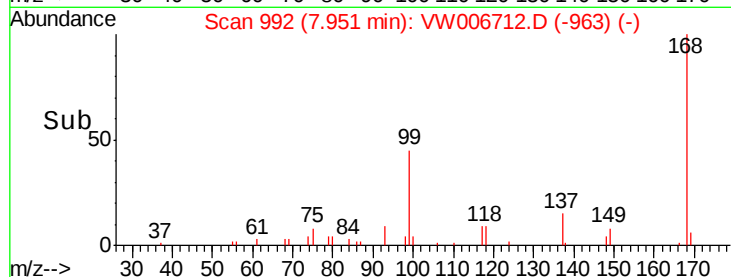
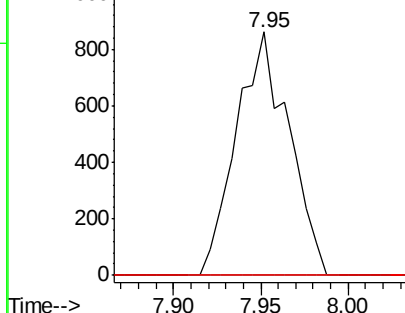
#38
 Carbon Tetrachloride
 Concen: 7.872 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006712.D
 Acq: 07 Nov 2018 04:11

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-FRE

Tot Ion:117 Resp: 1799
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.3 114.5#
 121 0.0 24.1 36.1#

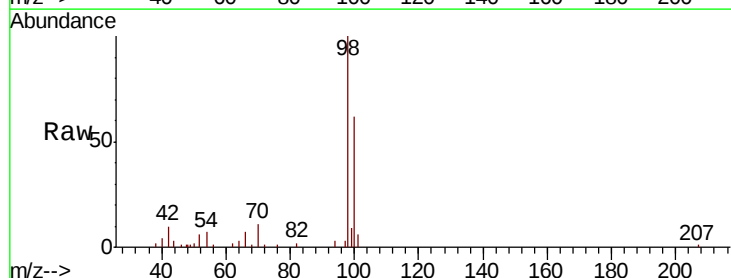


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

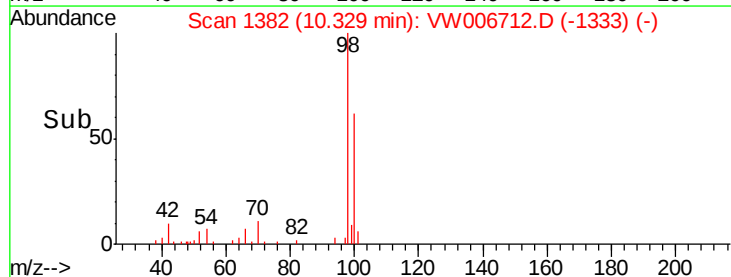
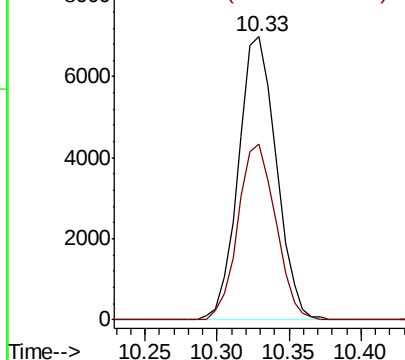


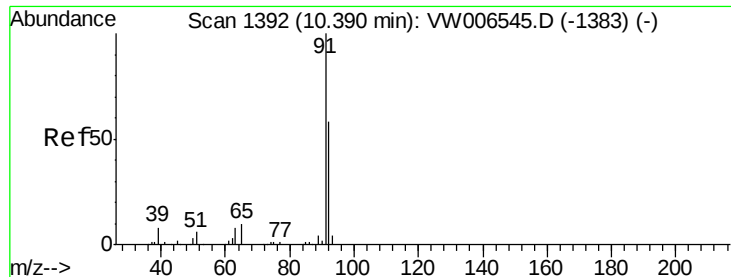
#50
 Toluene-d8
 Concen: 21.469 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006712.D
 Acq: 07 Nov 2018 04:11

Tgt Ion: 98 Resp: 12756
 Ion Ratio Lower Upper
 98 100
 100 61.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.927 ug/l

RT: 10.40 min Scan# 1394

Delta R.T. 0.01 min

Lab File: VW006712.D

Acq: 07 Nov 2018 04:11

Instrument :

MSVOA_W

ClientSampleId :

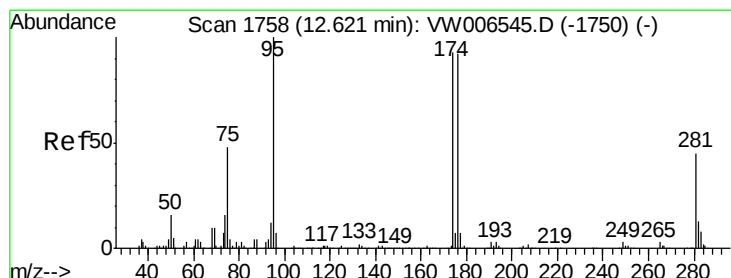
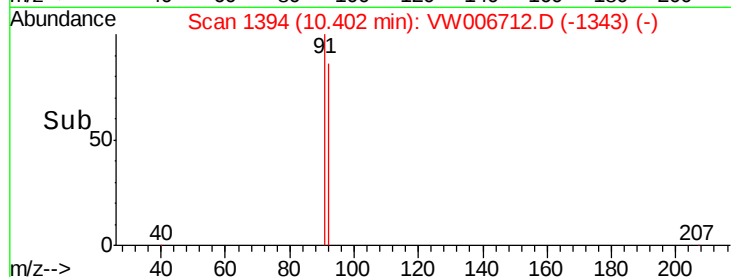
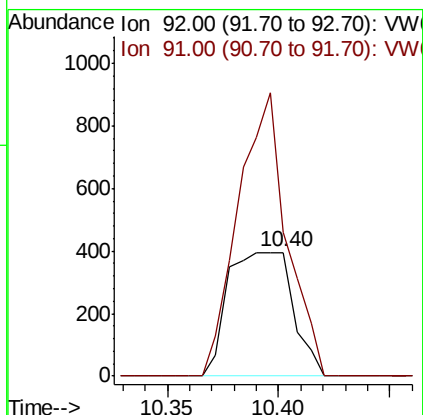
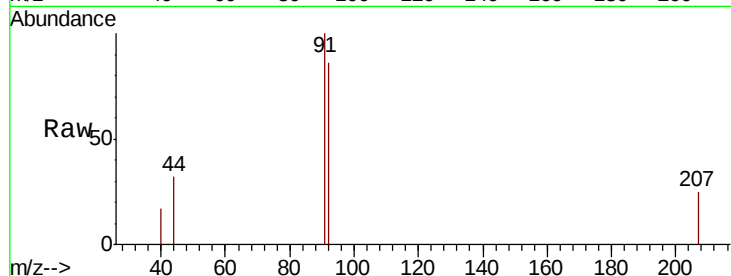
JC-03-110218-FRE

Tot Ion: 92 Resp: 803

Ion Ratio Lower Upper

92 100

91 171.7 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 17.511 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW006712.D

Acq: 07 Nov 2018 04:11

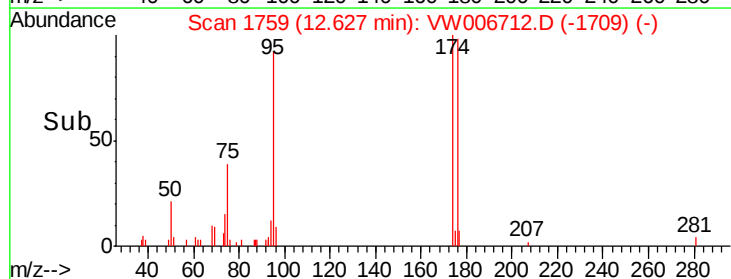
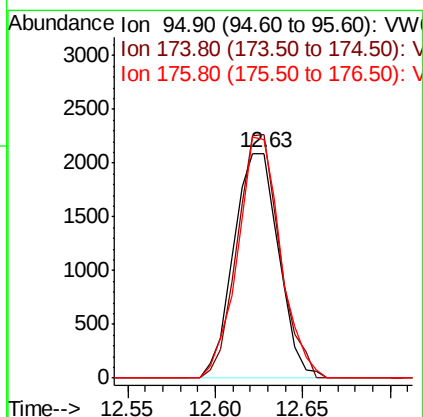
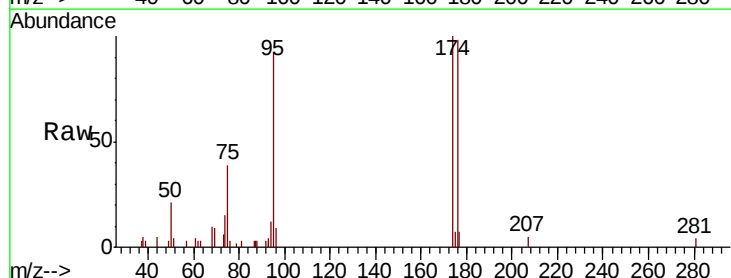
Tgt Ion: 95 Resp: 3772

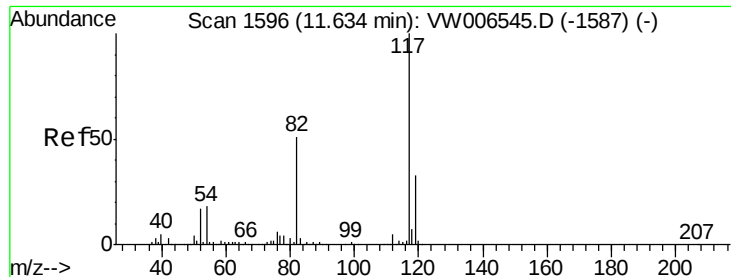
Ion Ratio Lower Upper

95 100

174 101.5 0.0 192.4

176 101.4 0.0 187.4

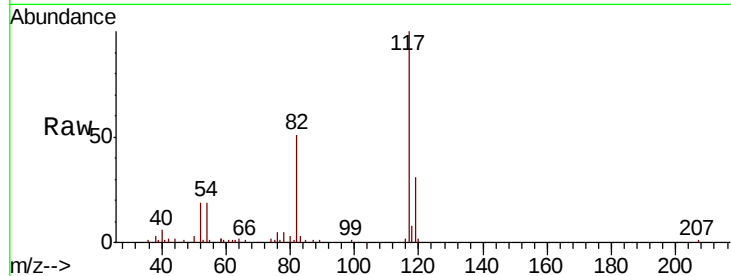




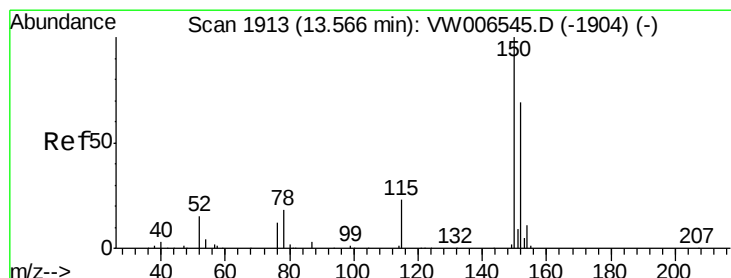
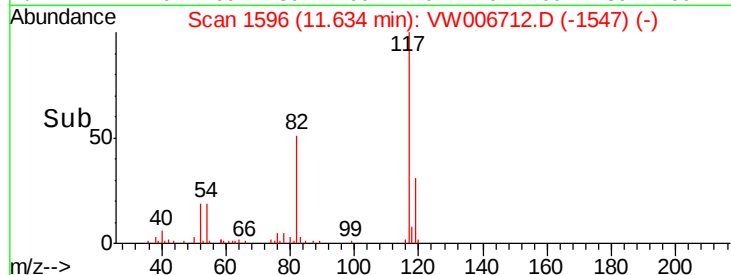
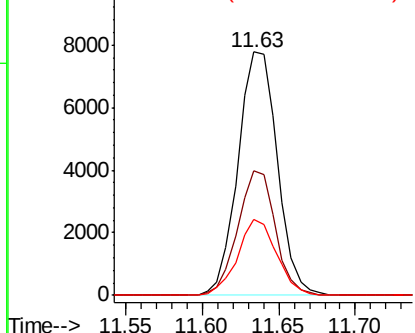
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006712.D
Acq: 07 Nov 2018 04:11

Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-FRE

Tot Ion:117 Resp: 13893
Ion Ratio Lower Upper
117 100
82 51.1 40.8 61.2
119 31.2 26.1 39.1

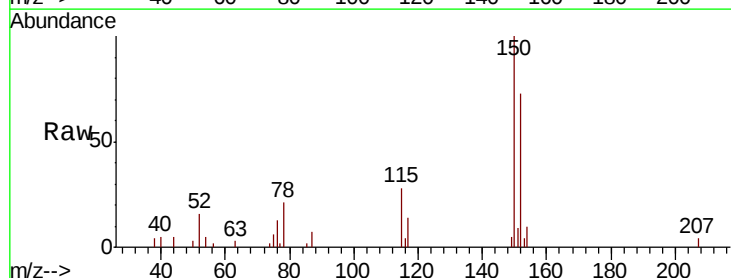


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

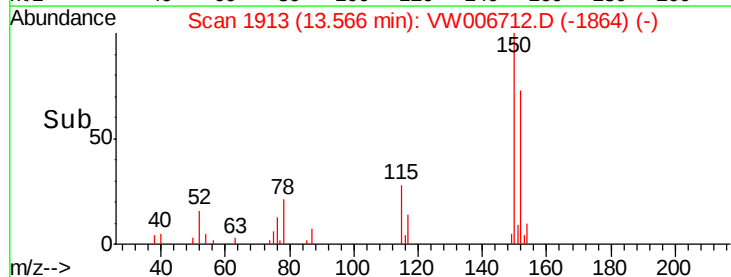
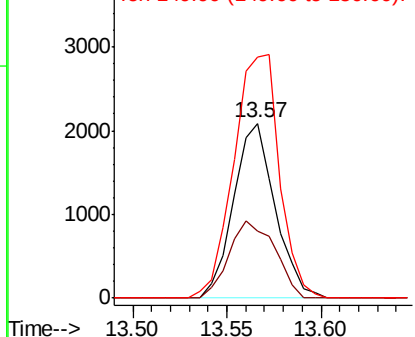


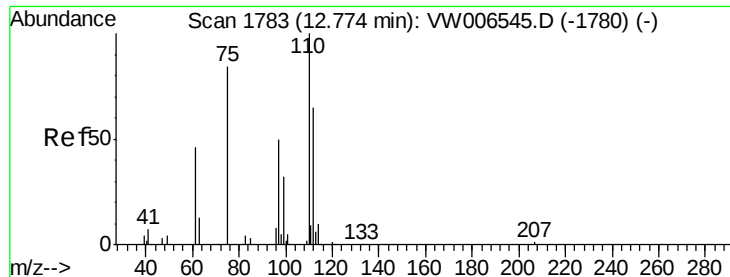
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006712.D
Acq: 07 Nov 2018 04:11

Tgt Ion:152 Resp: 3202
Ion Ratio Lower Upper
152 100
115 48.5 26.6 79.8
150 152.5 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: 71.049 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006712.D

Acq: 07 Nov 2018 04:11

Instrument :

MSVOA_W

ClientSampleId :

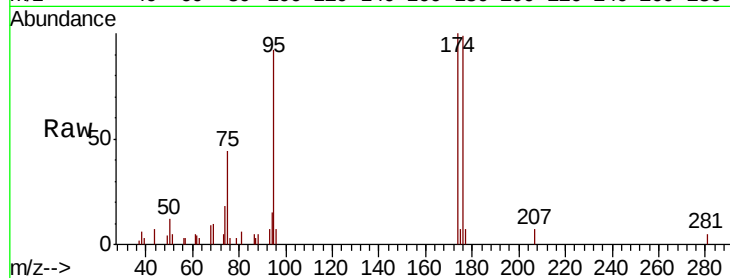
JC-03-110218-FRE

Tot Ion: 75 Resp: 1775

Ion Ratio Lower Upper

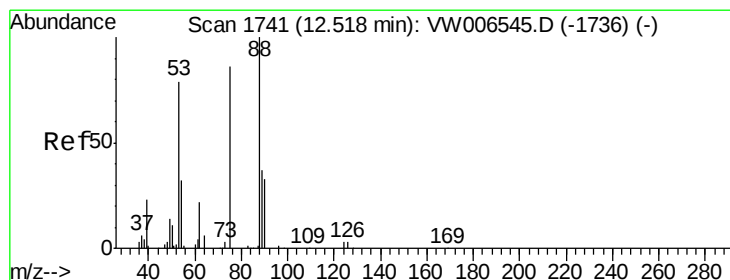
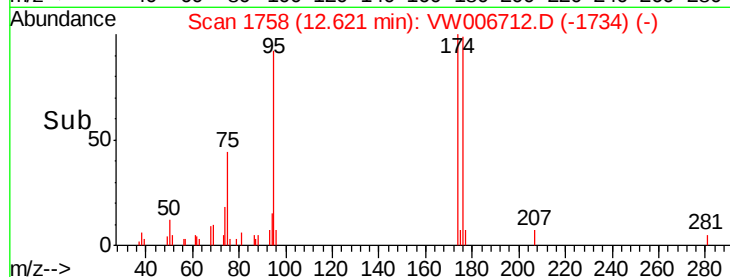
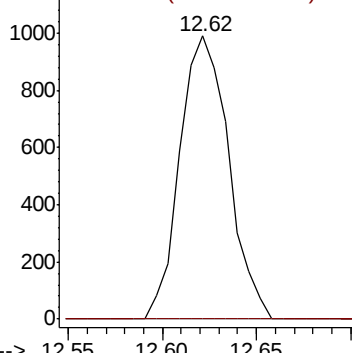
75 100

77 0.0 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: 176.865 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006712.D

Acq: 07 Nov 2018 04:11

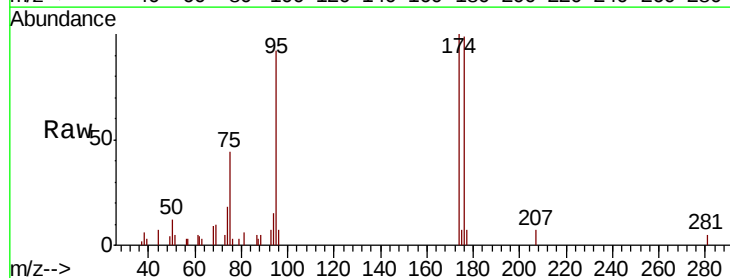
Tgt Ion: 75 Resp: 1775

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

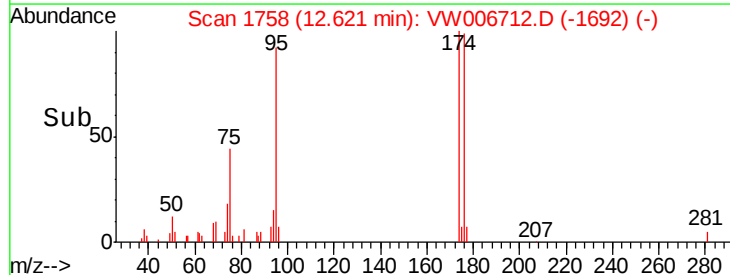
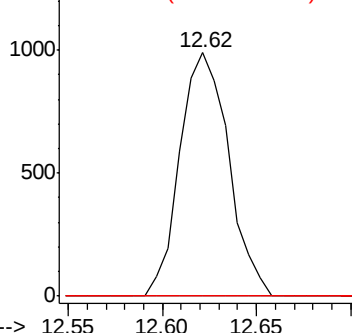
89 0.0 38.6 58.0#

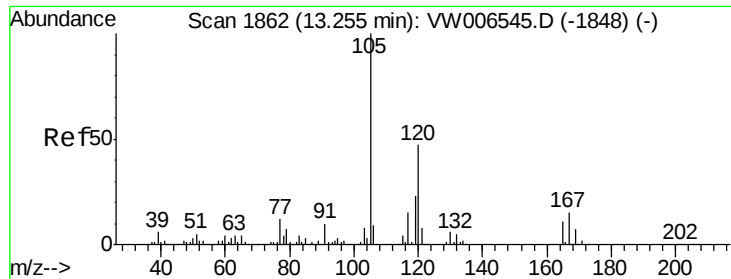


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

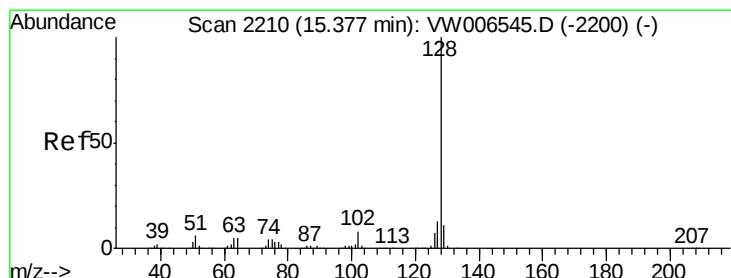
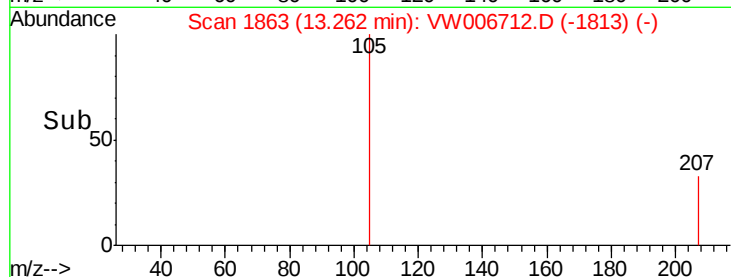
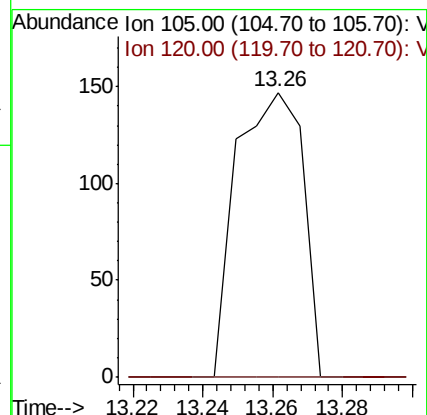
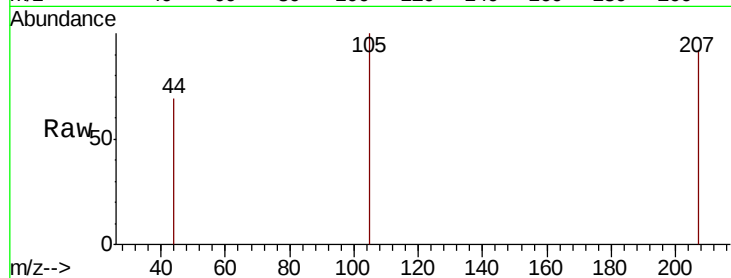




#84
 1,2,4-Trimethylbenzene
 Concen: 1.067 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW006712.D
 Acq: 07 Nov 2018 04:11

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-FRE

Tot Ion:105 Resp: 194
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.2 69.6#



#95
 Naphthalene
 Concen: 4.930 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006712.D
 Acq: 07 Nov 2018 04:11

Tgt Ion:128 Resp: 570
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 4.7 8.7 13.1#

