

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121718\
 Data File : VW007531.D
 Acq On : 14 Dec 2018 13:24
 Operator : SY/AP
 Sample : J6322-14
 Misc : 7.41G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-6-120718

Quant Time: Dec 14 14:13:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	62865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	91760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	34838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	34490	49.45	ug/l	0.00
Spiked Amount						
			Recovery	=	98.90%	
35) Dibromofluoromethane	7.88	113	31439	46.89	ug/l	0.00
Spiked Amount						
			Recovery	=	93.78%	
50) Toluene-d8	10.32	98	101692	40.45	ug/l	0.00
Spiked Amount						
			Recovery	=	80.90%	
62) 4-Bromofluorobenzene	12.62	95	35402	38.30	ug/l	0.00
Spiked Amount						
			Recovery	=	76.60%	

Target Compounds

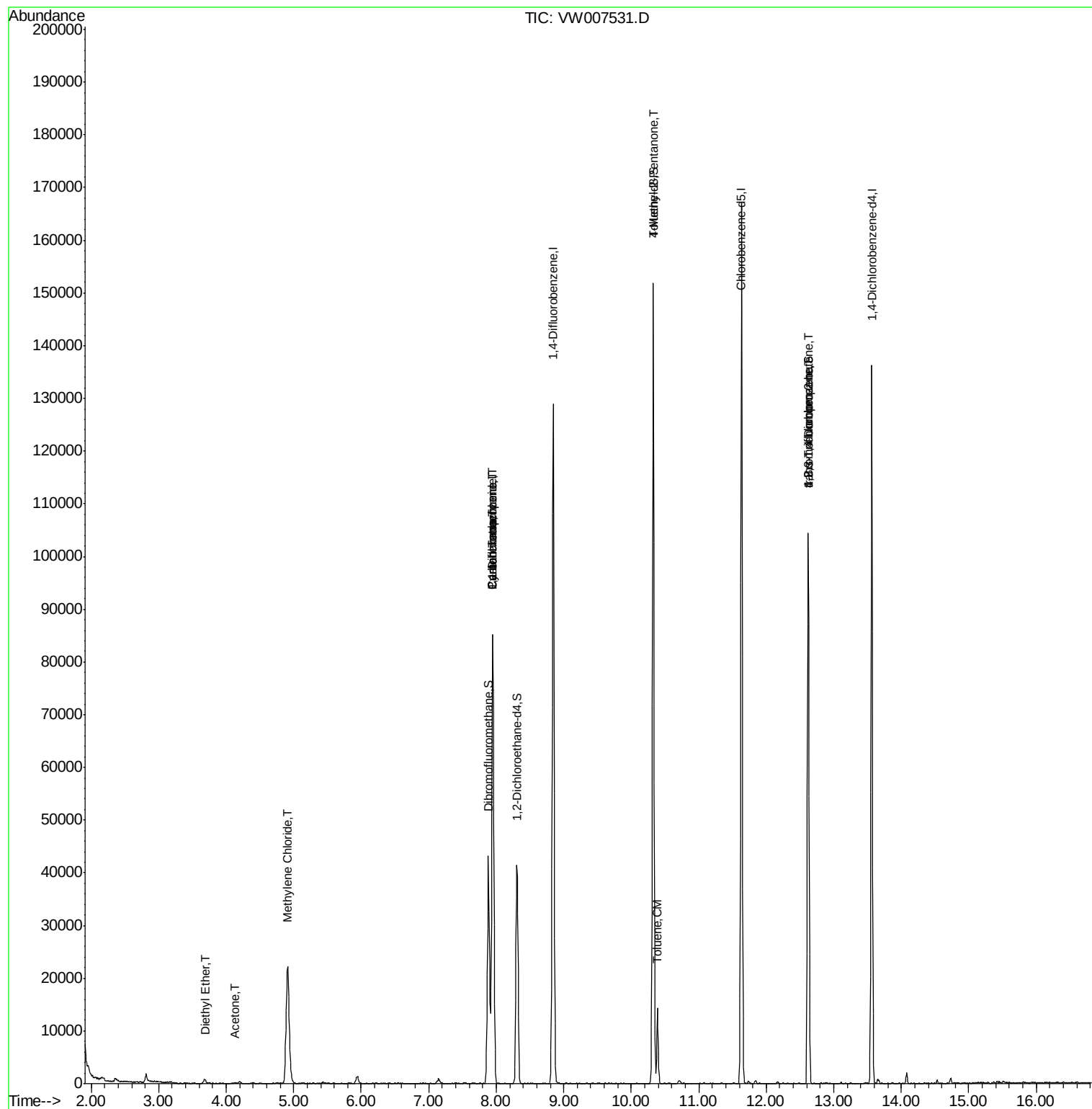
					Qvalue	
8) Diethyl Ether	3.69	74	428	1.409	ug/l	93
16) Acetone	4.13	43	226	1.855	ug/l #	44
20) Methylene Chloride	4.92	84	18610	26.059	ug/l	97
31) Cyclohexane	7.95	56	1324	1.222	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	4899	4.849	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6753	6.143	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	453	1.292	ug/l #	1
52) Toluene	10.39	92	5770	3.180	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	18361	63.920	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	18361	141.200	ug/l #	7

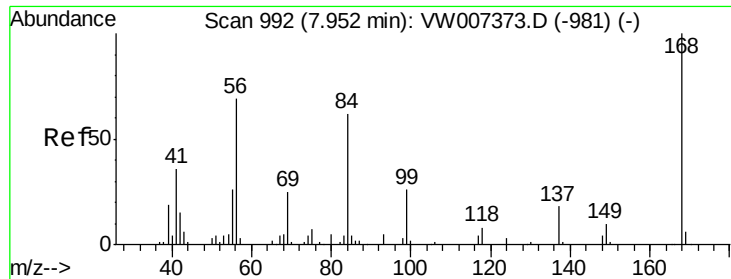
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121718\
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SUP-2A-G-6-120718

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 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: VW007531.D

Acq: 14 Dec 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

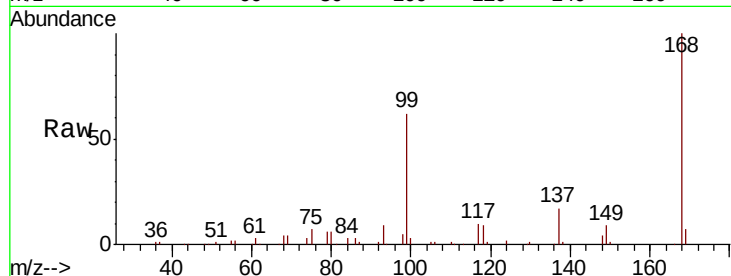
SUP-2A-G-6-120718

Tot Ion:168 Resp: 62865

Ion Ratio Lower Upper

168 100

99 62.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

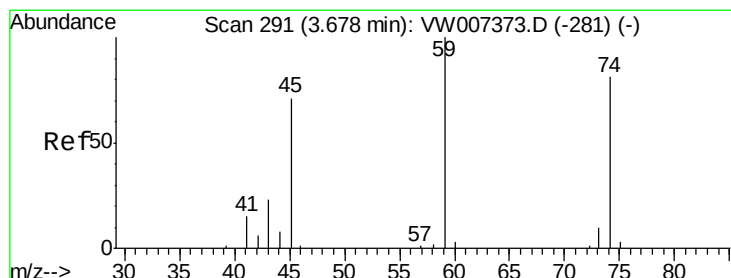
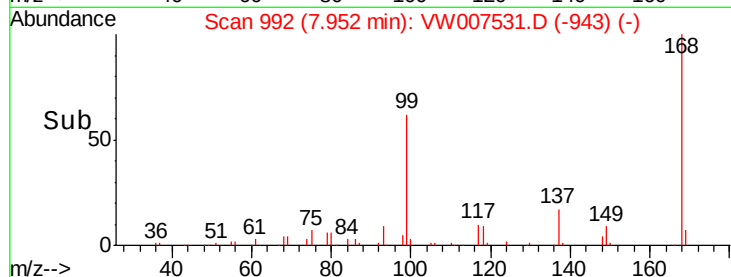
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#8

Diethyl Ether

Concen: 1.409 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW007531.D

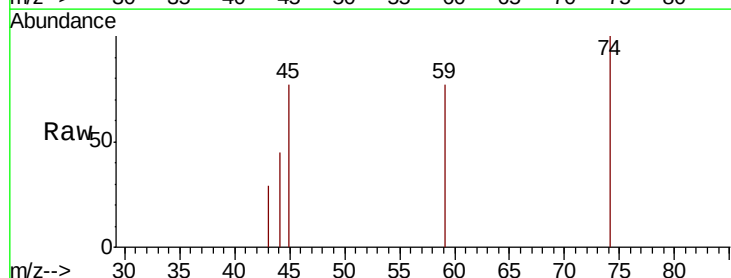
Acq: 14 Dec 2018 13:24

Tgt Ion: 74 Resp: 428

Ion Ratio Lower Upper

74 100

45 79.7 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

250

200

150

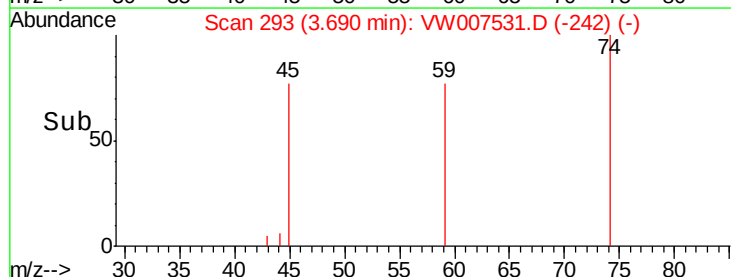
100

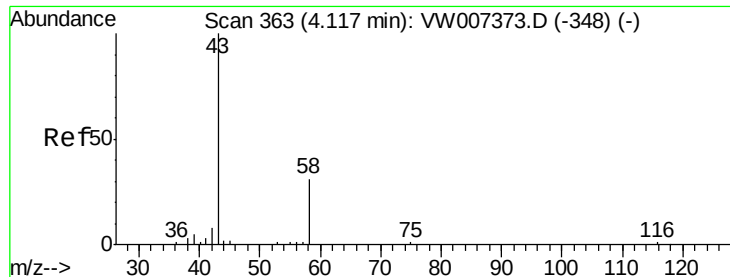
50

0

Time-->

3.65 3.70





#16

Acetone

Concen: 1.855 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

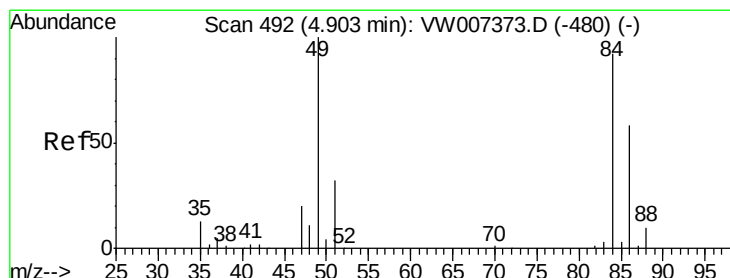
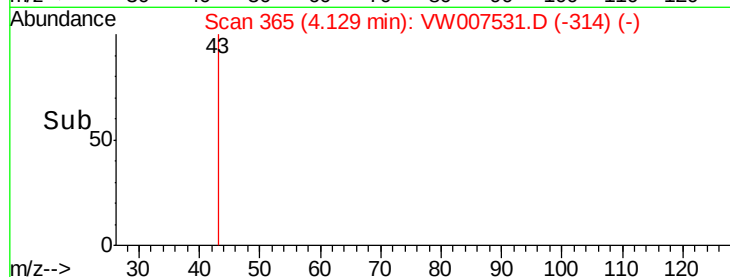
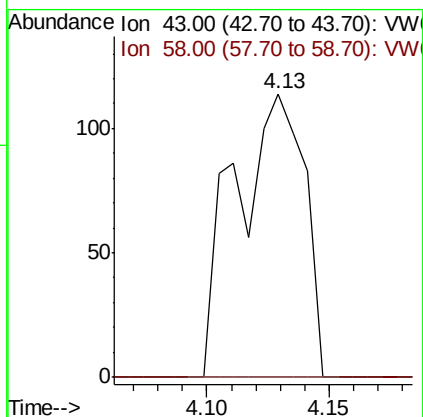
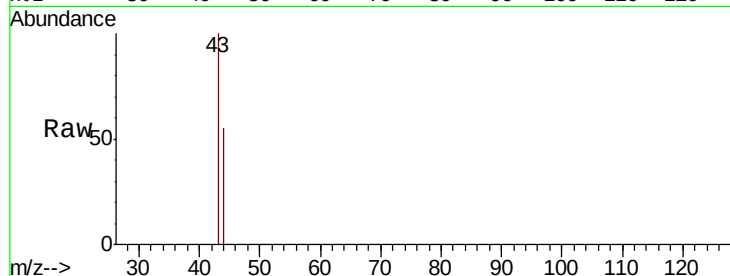
SUP-2A-G-6-120718

Tot Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



#20

Methylene Chloride

Concen: 26.059 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

Tgt Ion: 84 Resp: 18610

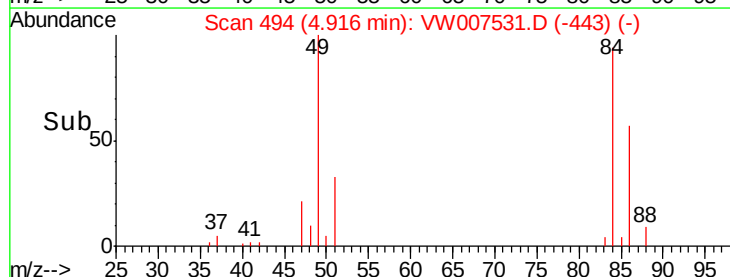
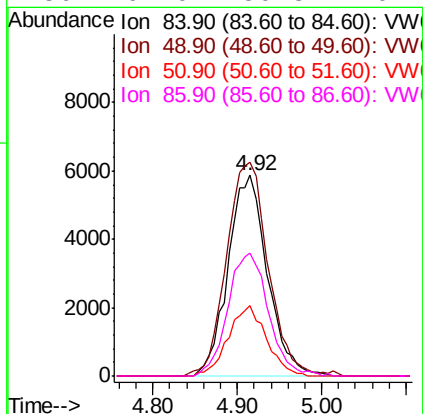
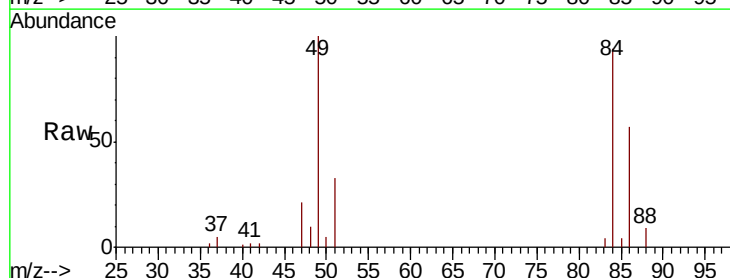
Ion Ratio Lower Upper

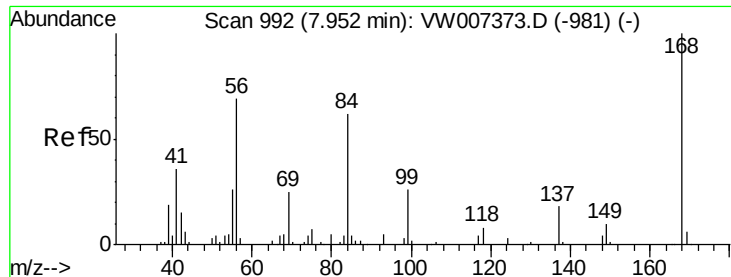
84 100

49 105.4 87.1 130.7

51 34.9 28.2 42.2

86 61.0 50.8 76.2

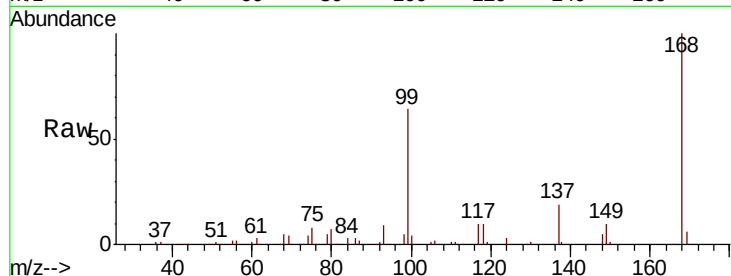




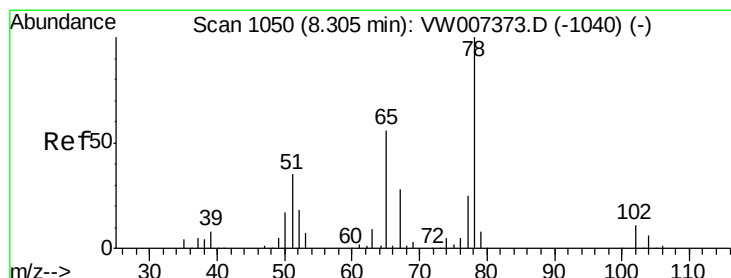
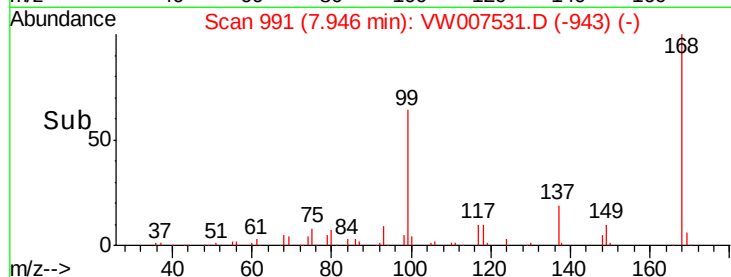
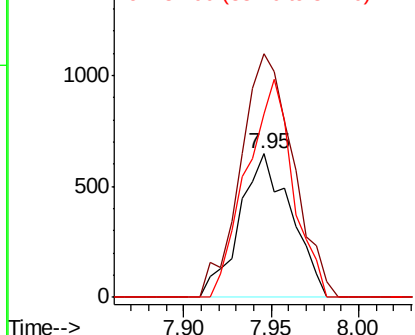
#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007531.D
Acq: 14 Dec 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-6-120718

Tot Ion: 56 Resp: 1324
Ion Ratio Lower Upper
56 100
69 170.0 28.9 43.3#
84 128.3 71.8 107.6#

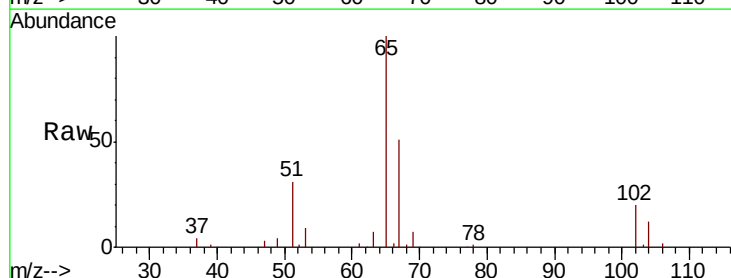


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

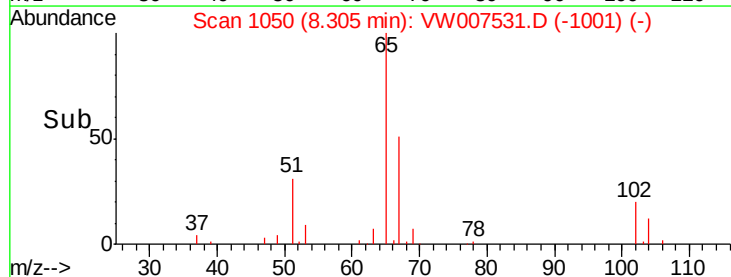
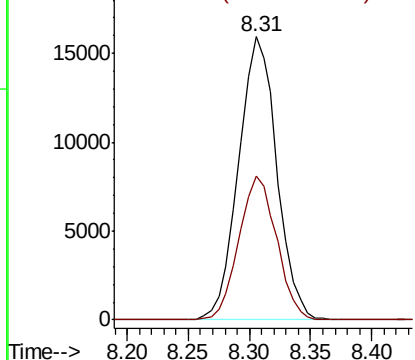


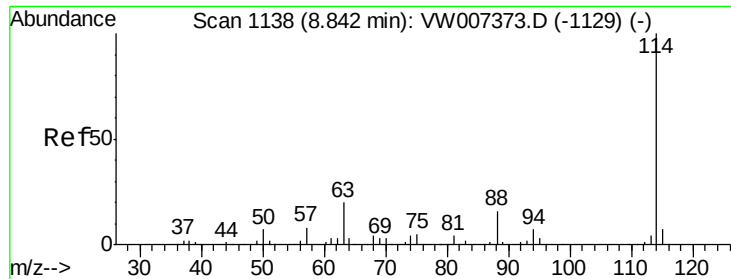
#33
1,2-Dichloroethane-d4
Concen: 49.453 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007531.D
Acq: 14 Dec 2018 13:24

Tgt Ion: 65 Resp: 34490
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.6



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

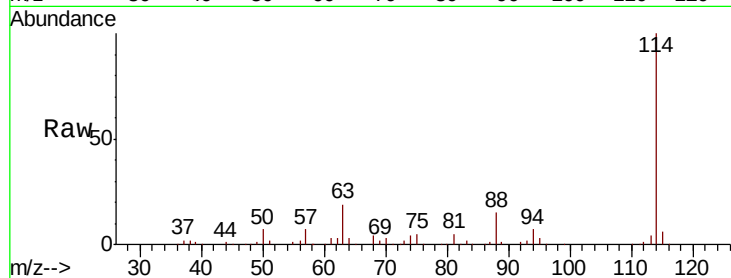




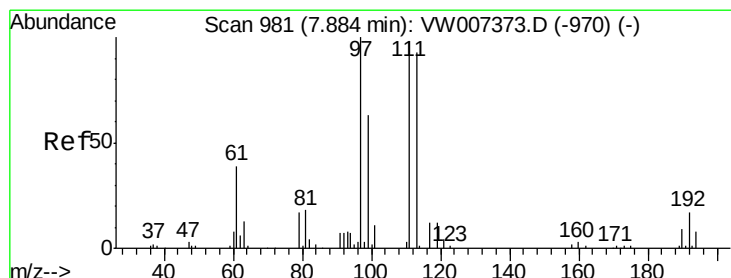
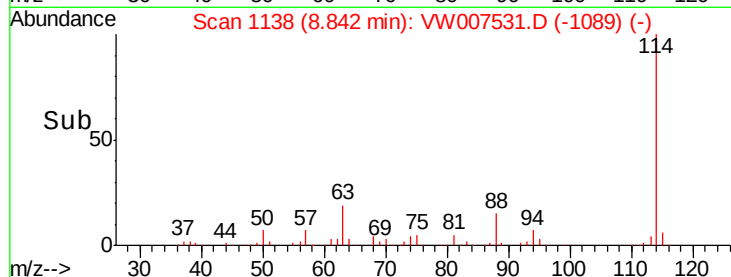
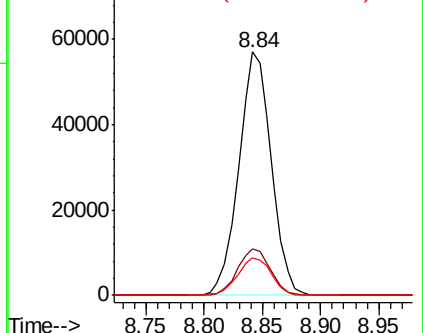
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007531.D
 Acq: 14 Dec 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-6-120718

Tot Ion:114 Resp: 110757
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 15.2 0.0 31.4

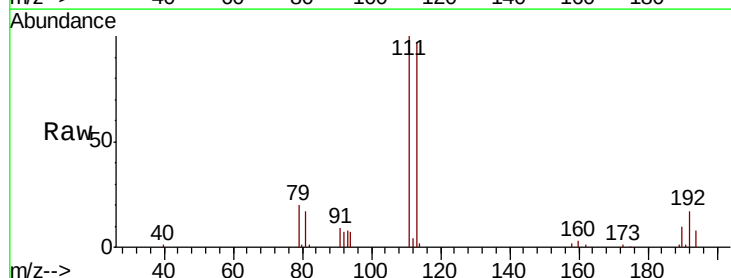


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

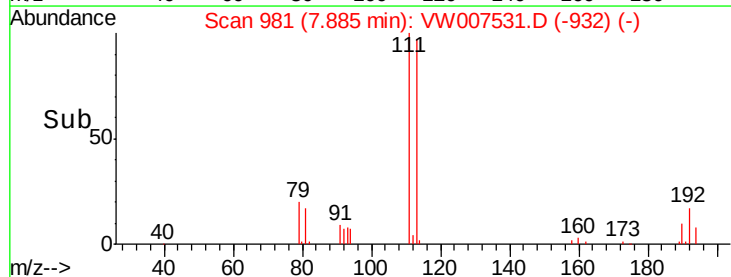
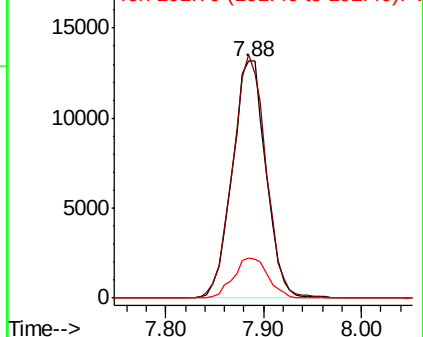


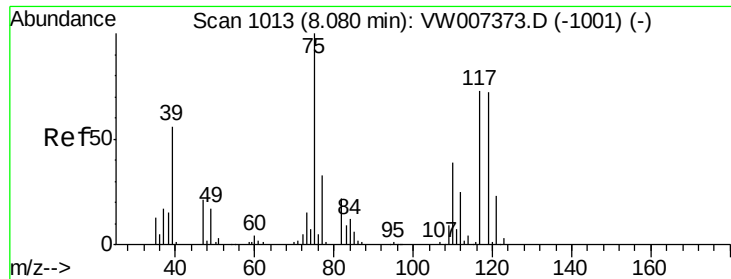
#35
 Dibromofluoromethane
 Concen: 46.892 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007531.D
 Acq: 14 Dec 2018 13:24

Tgt Ion:113 Resp: 31439
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.1 121.7
 192 17.3 14.6 21.8



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

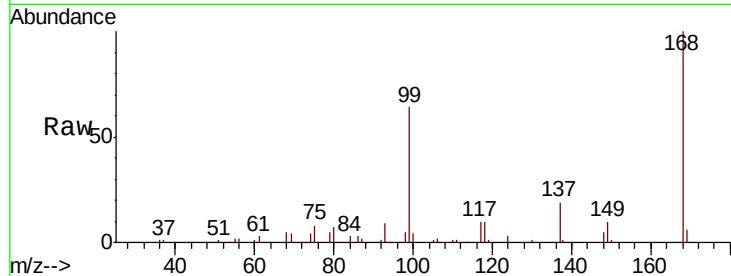




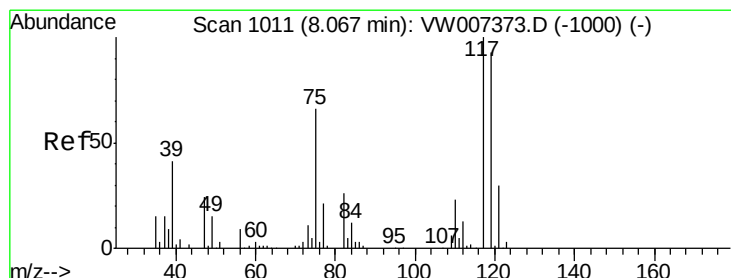
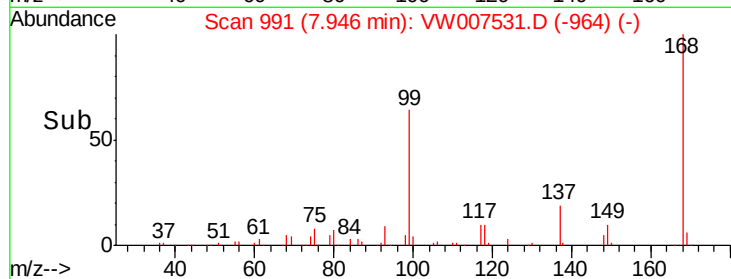
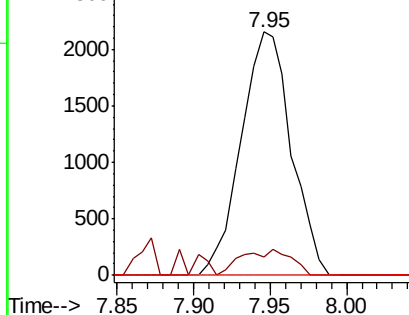
#36
 1,1-Dichloropropene
 Concen: 4.849 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007531.D
 Acq: 14 Dec 2018 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-6-120718

Tot Ion: 75 Resp: 4899
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.5 55.5#
 77 0.0 25.6 38.4#

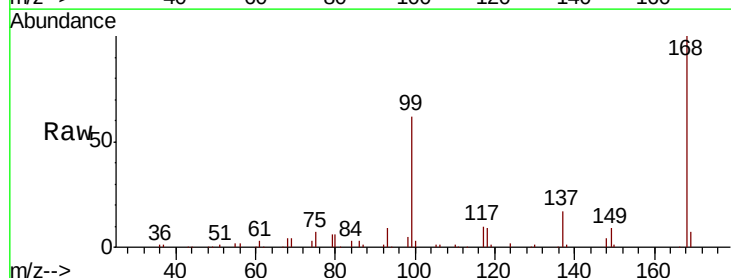


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

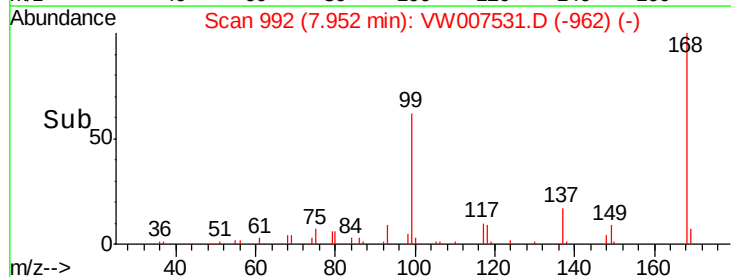
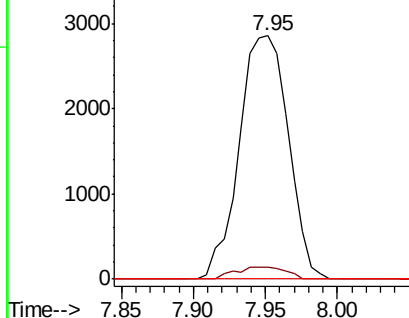


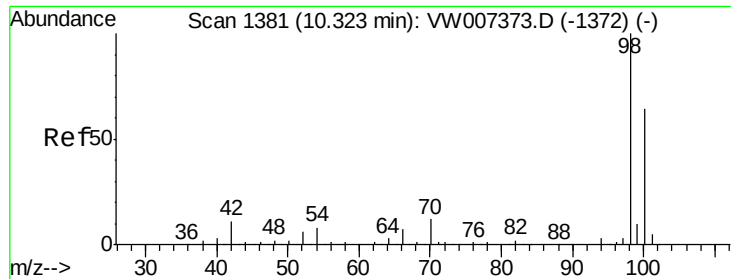
#38
 Carbon Tetrachloride
 Concen: 6.143 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007531.D
 Acq: 14 Dec 2018 13:24

Tgt Ion: 117 Resp: 6753
 Ion Ratio Lower Upper
 117 100
 119 5.0 74.3 111.5#
 121 0.0 24.3 36.5#



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: 40.453 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

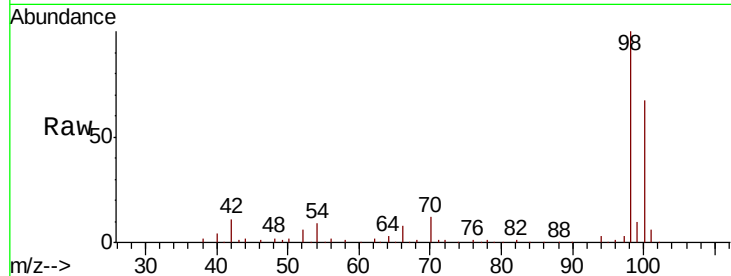
SUP-2A-G-6-120718

Tot Ion: 98 Resp: 101692

Ion Ratio Lower Upper

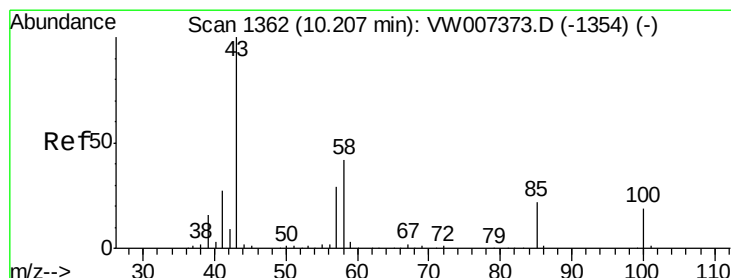
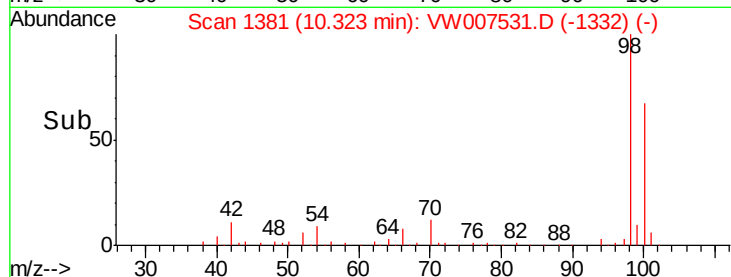
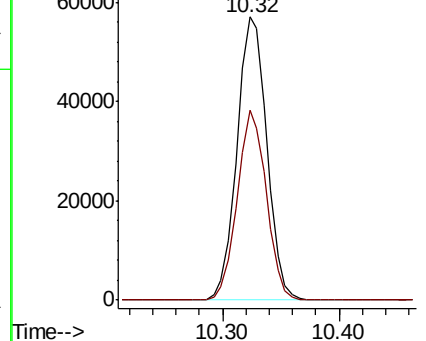
98 100

100 65.4 51.8 77.8



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: 1.292 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW007531.D

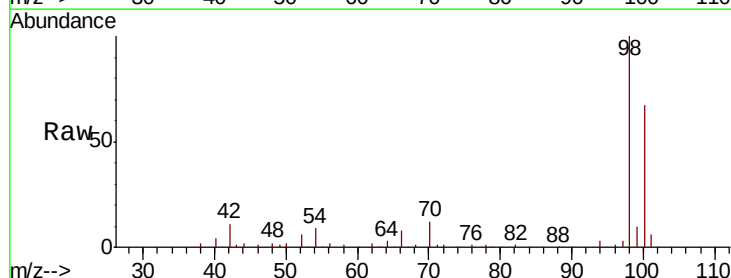
Acq: 14 Dec 2018 13:24

Tgt Ion: 43 Resp: 453

Ion Ratio Lower Upper

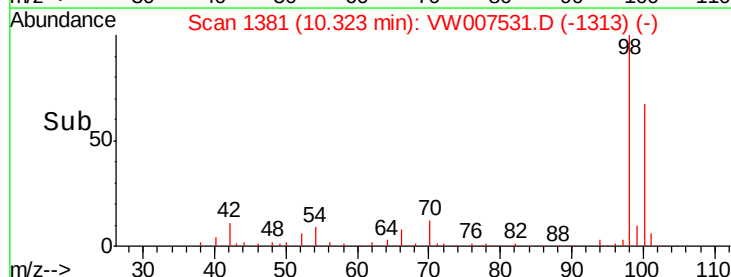
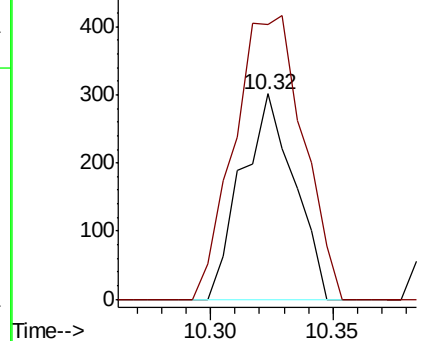
43 100

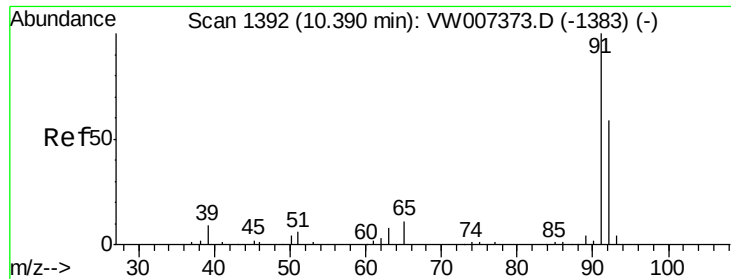
58 180.1 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 3.180 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

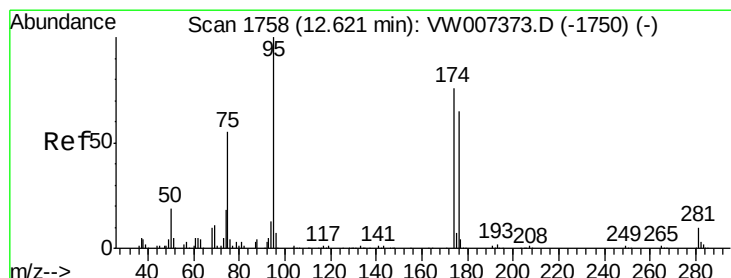
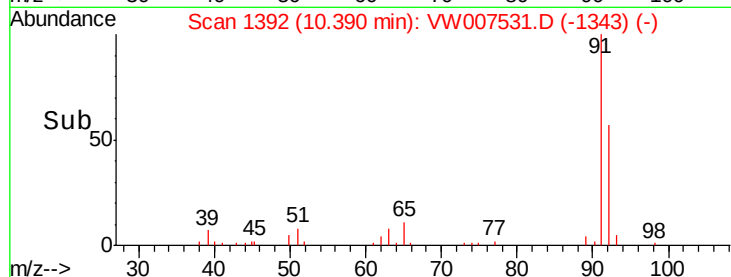
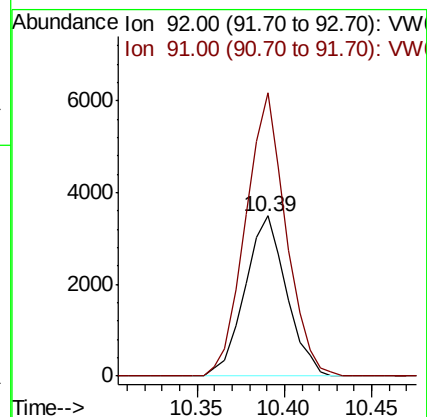
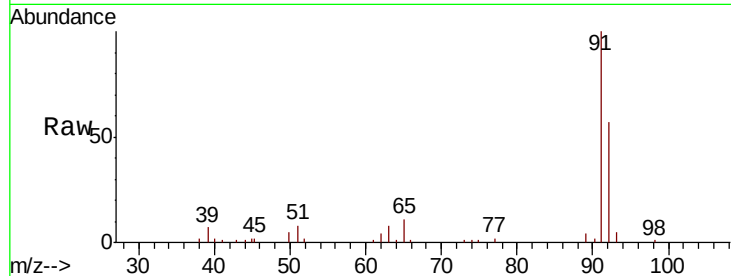
SUP-2A-G-6-120718

Tot Ion: 92 Resp: 5770

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 38.303 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

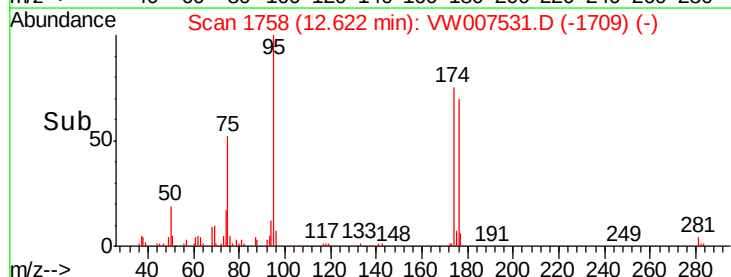
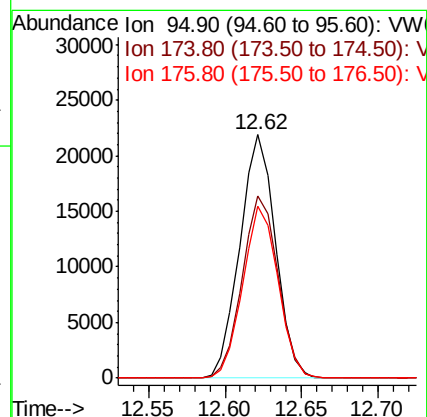
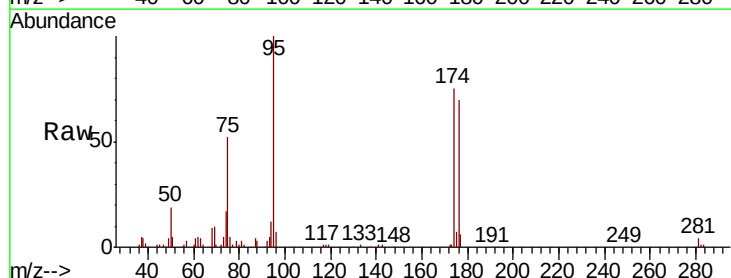
Tgt Ion: 95 Resp: 35402

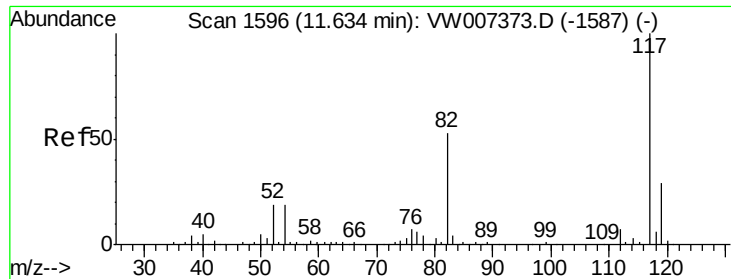
Ion Ratio Lower Upper

95 100

174 75.4 0.0 147.2

176 70.0 0.0 138.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-6-120718

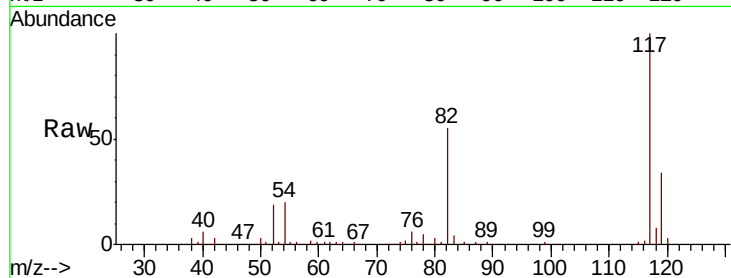
Tot Ion:117 Resp: 91760

Ion Ratio Lower Upper

117 100

82 55.4 42.3 63.5

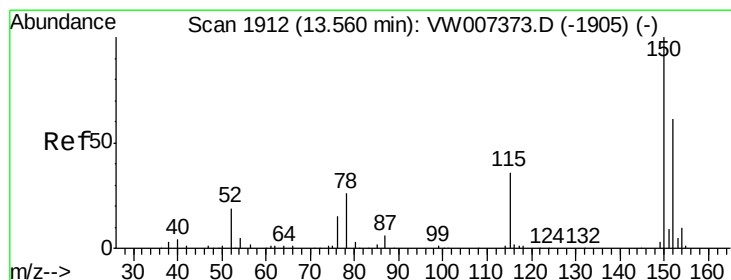
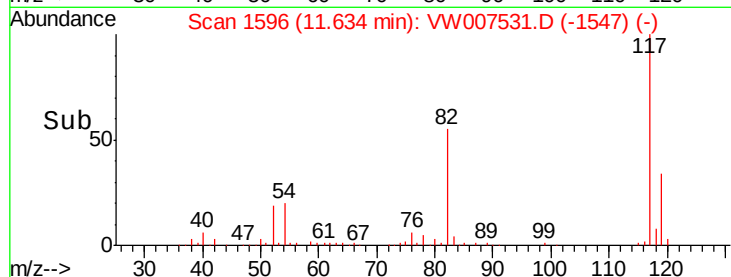
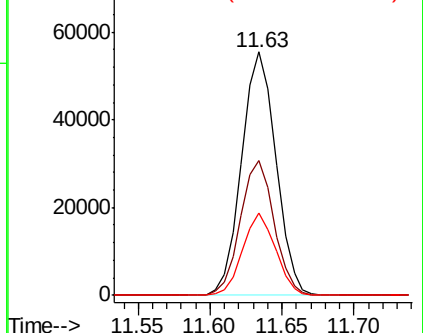
119 34.0 23.0 34.6



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: VW007531.D

Acq: 14 Dec 2018 13:24

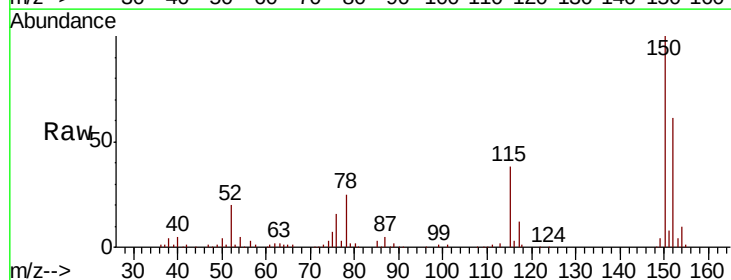
Tgt Ion:152 Resp: 34838

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.2

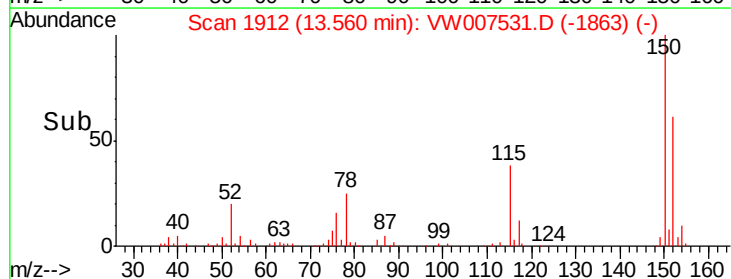
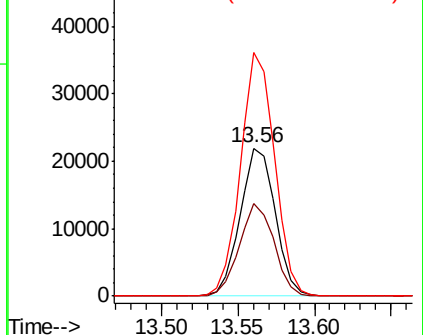
150 160.2 0.0 358.4

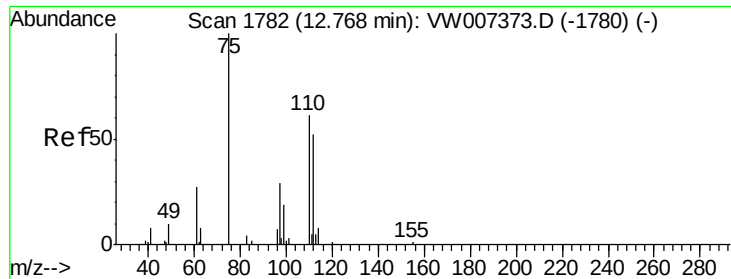


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 63.920 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

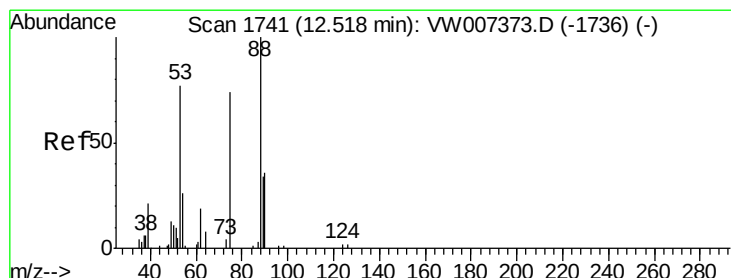
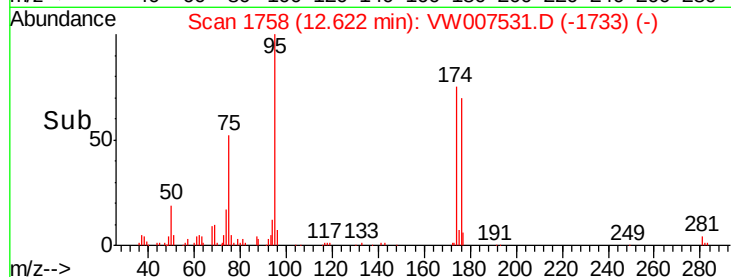
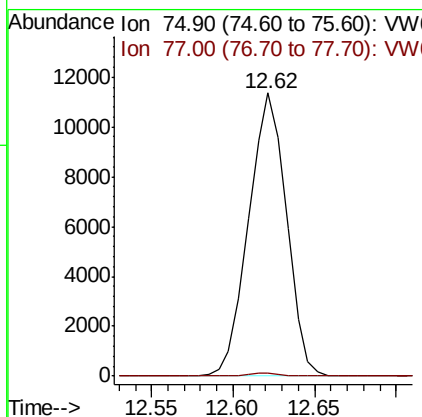
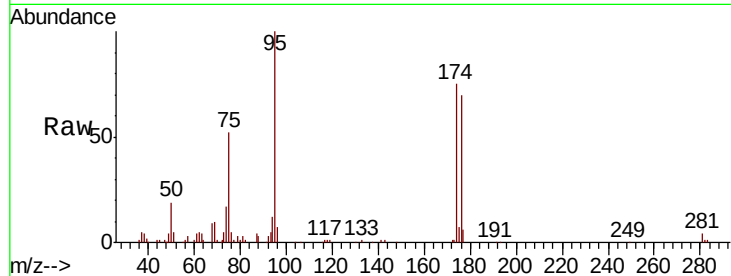
SUP-2A-G-6-120718

Tot Ion: 75 Resp: 18361

Ion Ratio Lower Upper

75 100

77 0.8 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.200 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

Tgt Ion: 75 Resp: 18361

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

