

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007226.D
 Acq On : 05 Dec 2018 09:57
 Operator : SY/AP
 Sample : J6208-23
 Misc : 5.91G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 05 11:00:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	97210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	158294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	39831	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	45604	50.39	ug/l	0.00
Spiked Amount	50.000			Recovery	=	100.78%	
35) Dibromofluoromethane		7.89	113	44255	48.83	ug/l	0.00
Spiked Amount	50.000			Recovery	=	97.66%	
50) Toluene-d8		10.33	98	157691	39.50	ug/l	0.00
Spiked Amount	50.000			Recovery	=	79.00%	
62) 4-Bromofluorobenzene		12.62	95	47365	31.43	ug/l	0.00
Spiked Amount	50.000			Recovery	=	62.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	450	Below Cal	#	75
16) Acetone	4.13	43	5822	27.173	ug/l	96
20) Methylene Chloride	4.92	84	23591	18.587	ug/l	97
31) Cyclohexane	7.95	56	1886	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7008	4.550	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10019	6.373	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	593	1.112	ug/l #	1
52) Toluene	10.39	92	7405	2.520	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	23227	75.311	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23227	162.322	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007226.D

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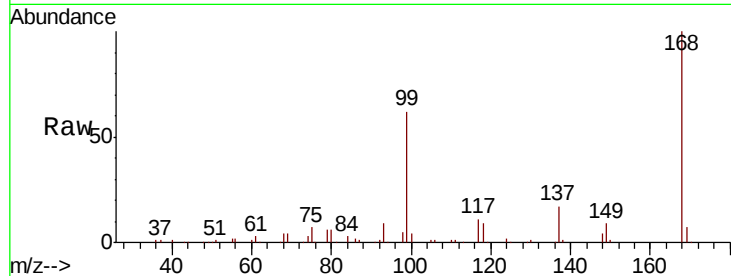
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 97210

Ion Ratio Lower Upper

168 100

99 61.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

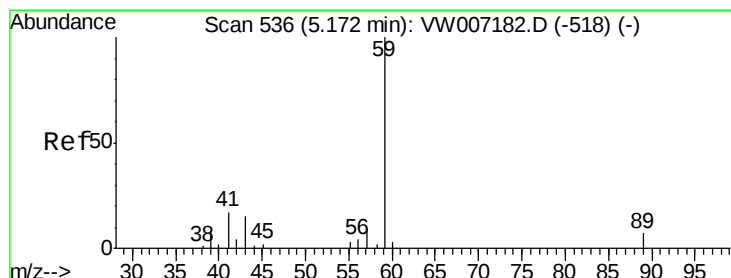
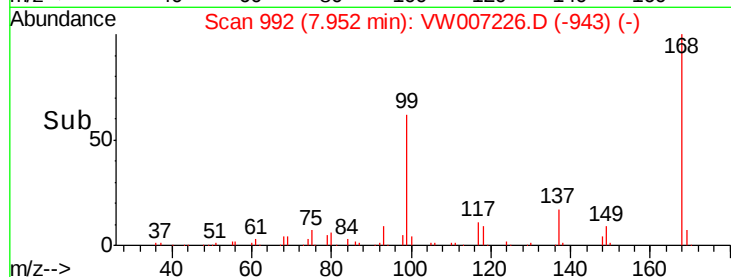
20000

10000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW007226.D

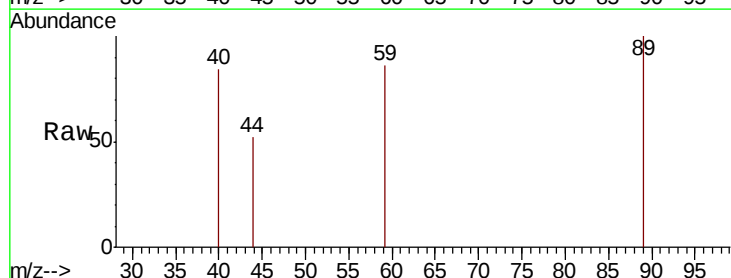
Acq: 05 Dec 2018 09:57

Tgt Ion: 59 Resp: 450

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

200

150

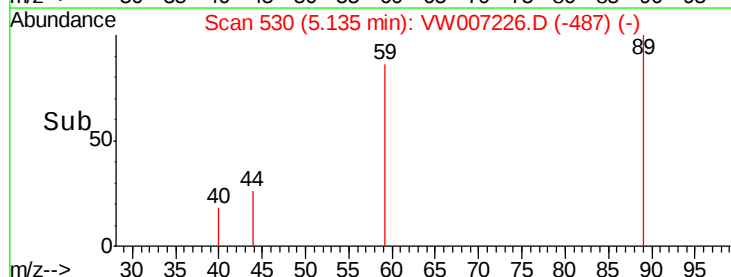
100

50

0

5.05 5.10 5.15

Time-->

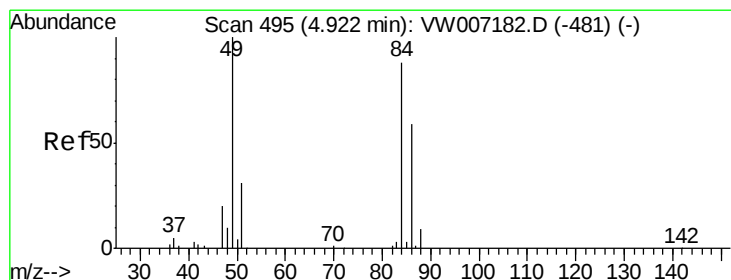
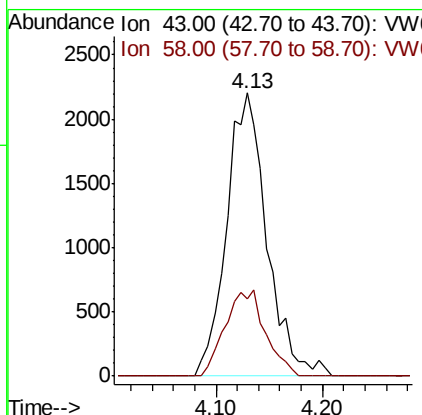
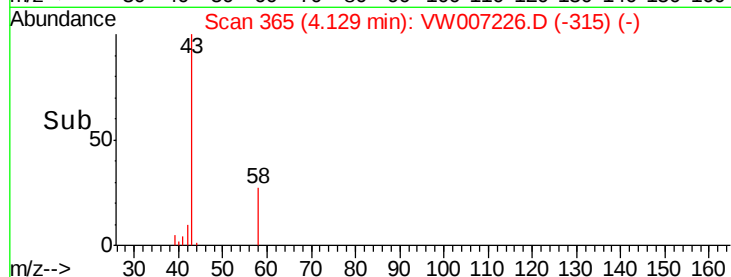
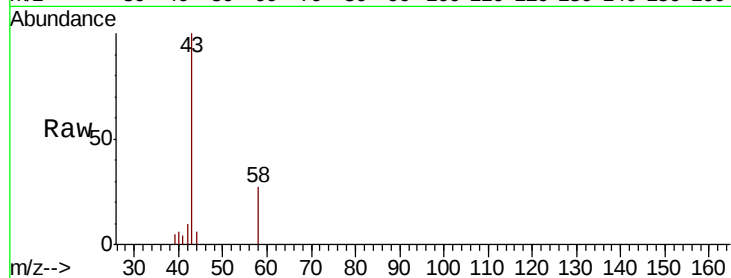




#16
Acetone
Concen: 27.173 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007226.D
Acq: 05 Dec 2018 09:57

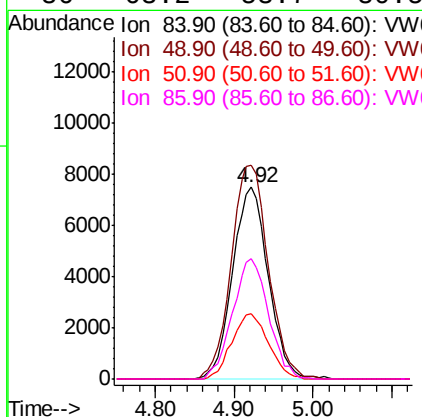
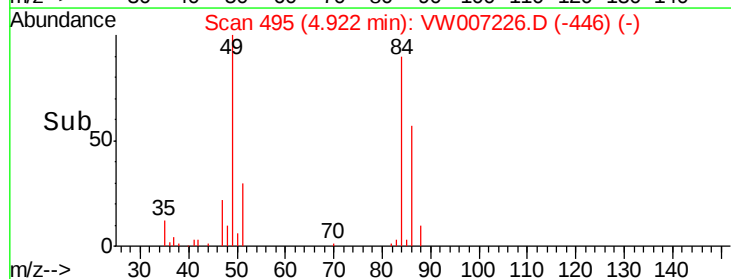
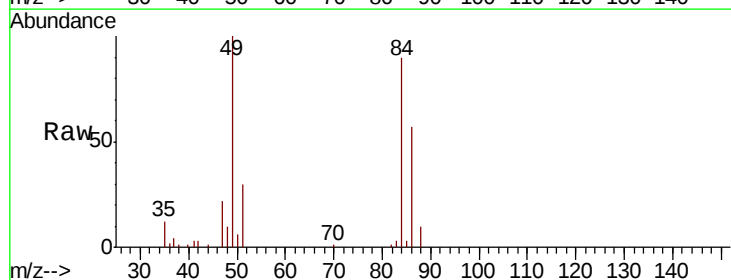
Instrument :
MSVOA_W
ClientSampleId :

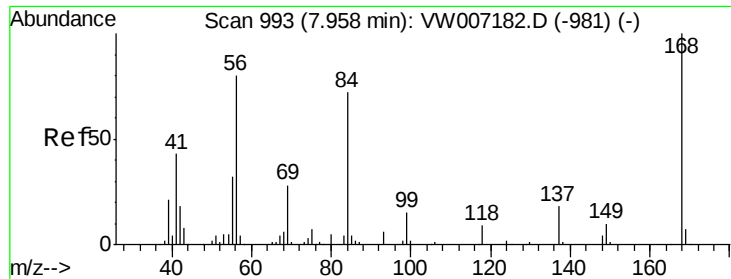
Tot Ion: 43 Resp: 5822
Ion Ratio Lower Upper
43 100
58 27.4 23.8 35.8



#20
Methylene Chloride
Concen: 18.587 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007226.D
Acq: 05 Dec 2018 09:57

Tgt Ion: 84 Resp: 23591
Ion Ratio Lower Upper
84 100
49 111.5 90.6 135.8
51 33.9 27.6 41.4
86 63.2 53.7 80.5

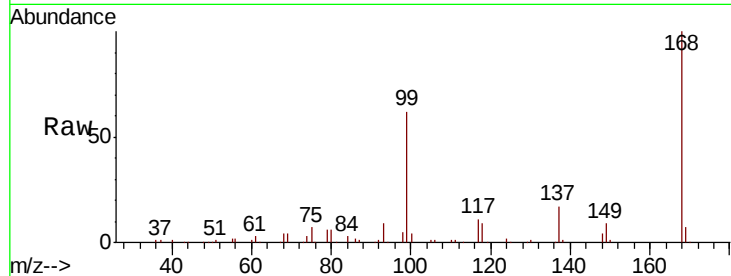




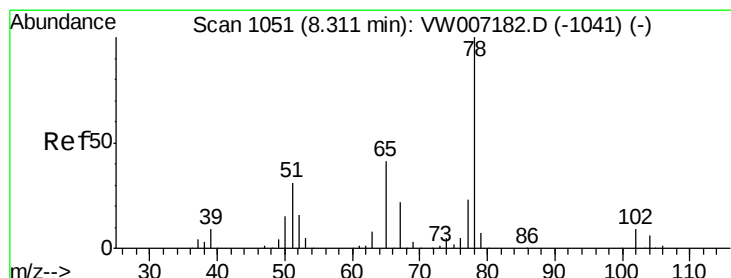
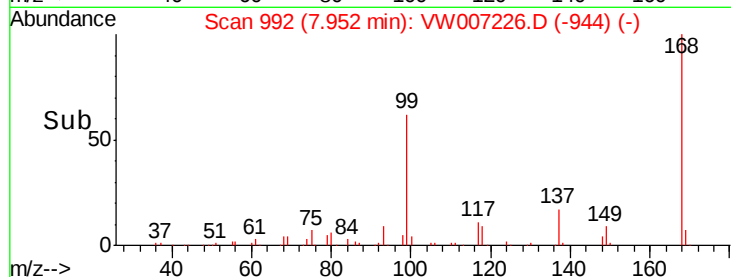
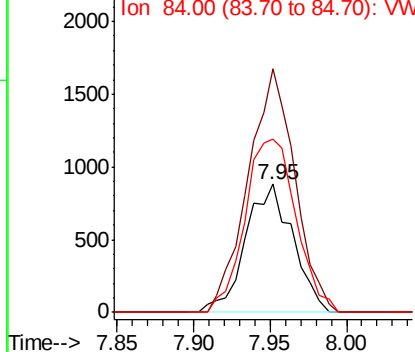
#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007226.D
Acq: 05 Dec 2018 09:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 1886
Ion Ratio Lower Upper
56 100
69 190.4 28.2 42.2#
84 135.2 72.1 108.1#

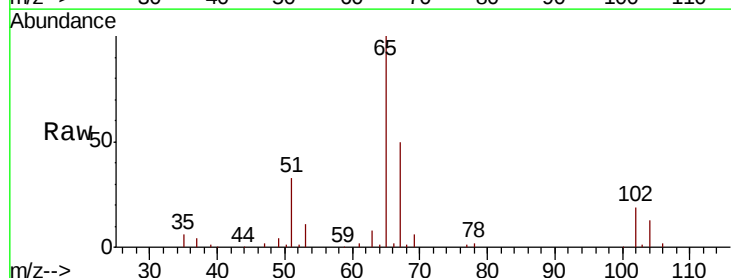


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

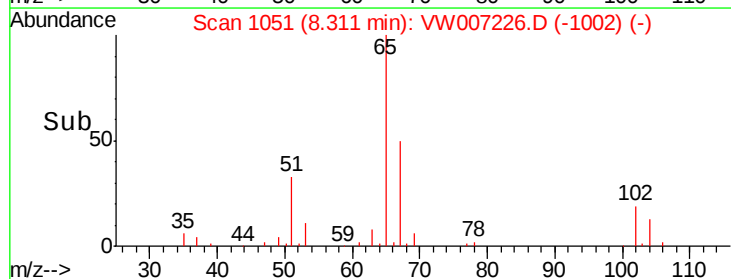
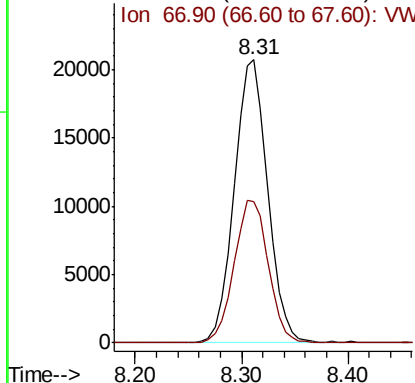


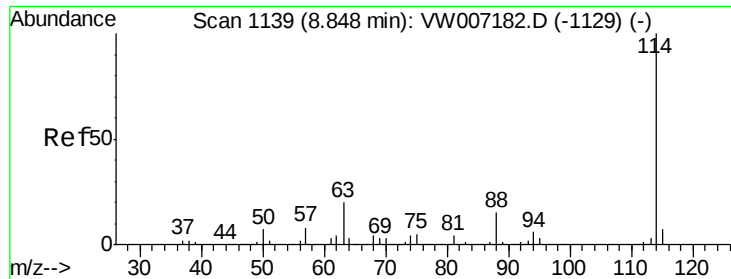
#33
1,2-Dichloroethane-d4
Concen: 50.388 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW007226.D
Acq: 05 Dec 2018 09:57

Tgt Ion: 65 Resp: 45604
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4



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

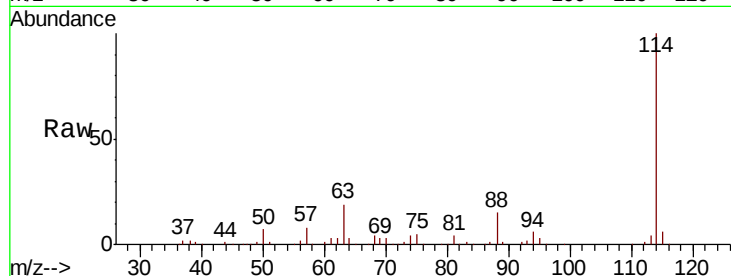




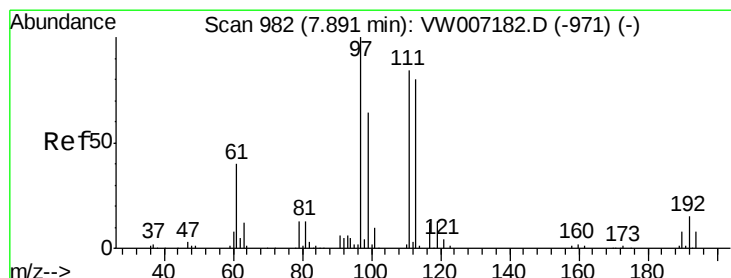
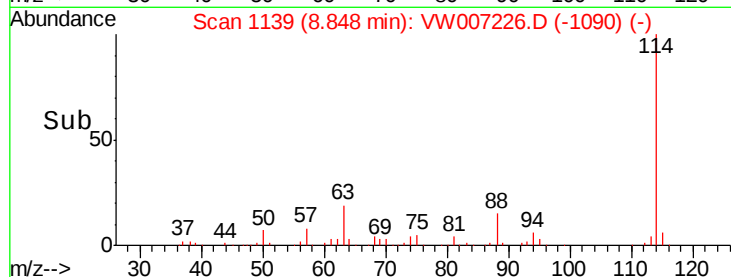
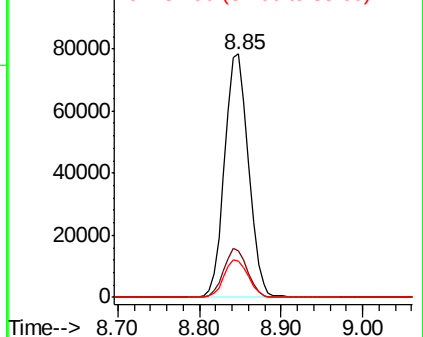
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW007226.D
Acq: 05 Dec 2018 09:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:114 Resp: 158294
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.2
88 15.0 0.0 30.0

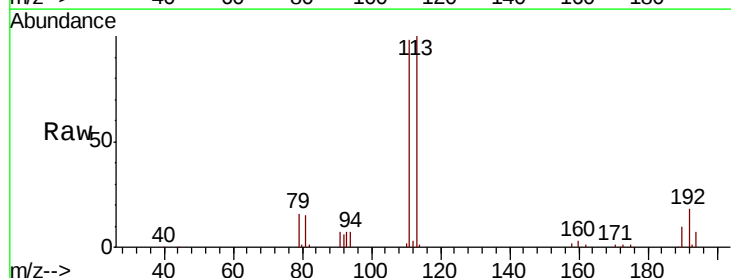


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

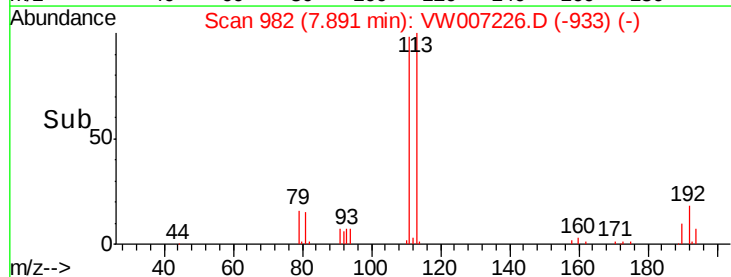
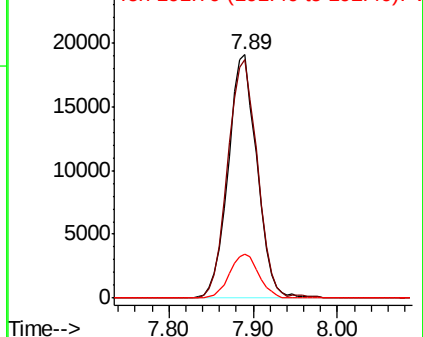


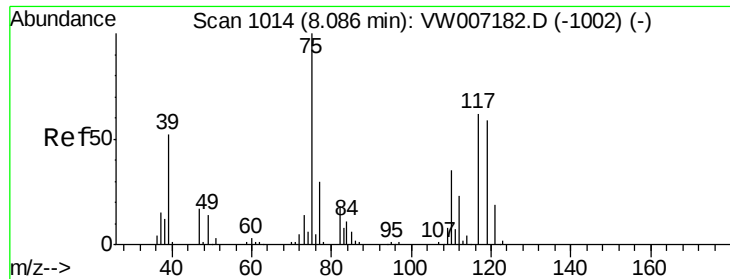
#35
Dibromofluoromethane
Concen: 48.826 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW007226.D
Acq: 05 Dec 2018 09:57

Tgt Ion:113 Resp: 44255
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 18.1 14.4 21.6



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

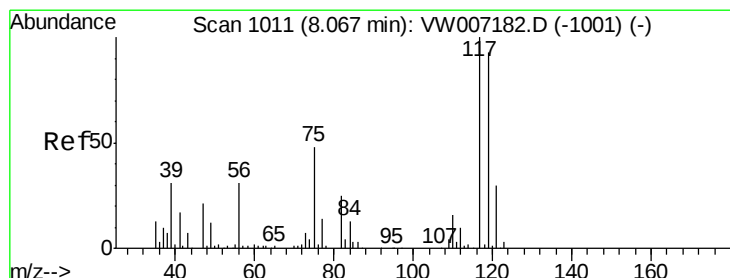
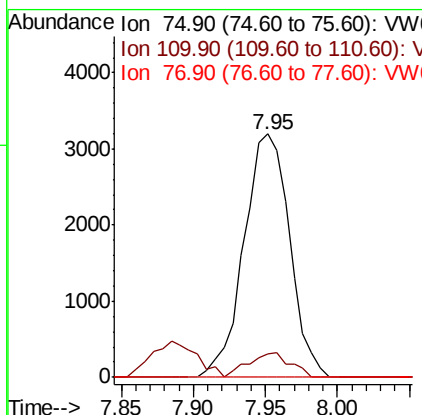
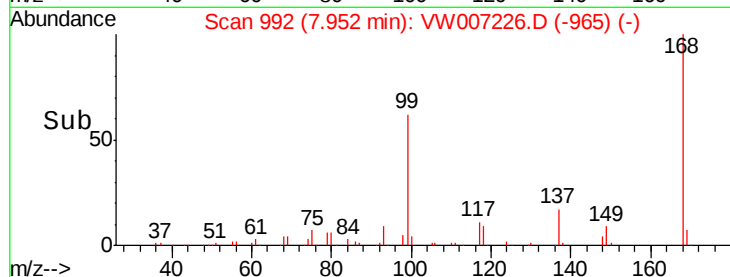
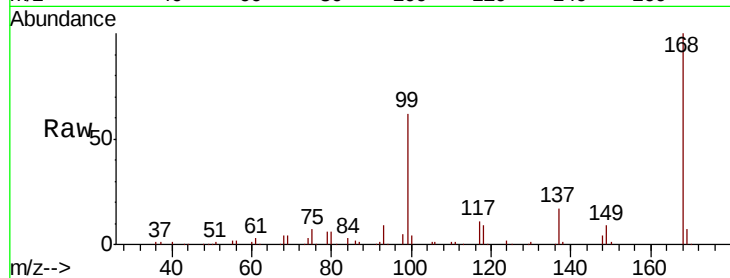




#36
 1,1-Dichloropropene
 Concen: 4.550 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007226.D
 Acq: 05 Dec 2018 09:57

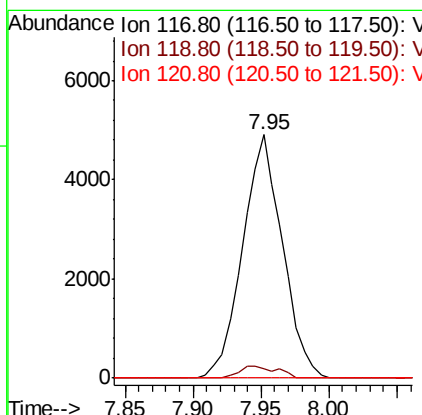
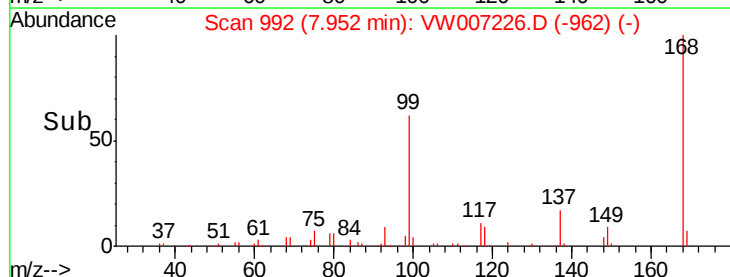
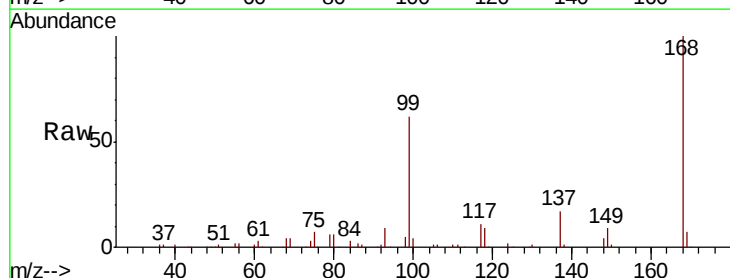
Instrument :
 MSVOA_W
 ClientSampleId :

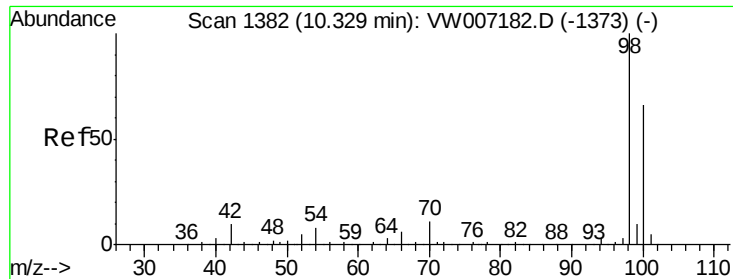
Tot Ion: 75 Resp: 7008
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.3 54.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.373 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007226.D
 Acq: 05 Dec 2018 09:57

Tgt Ion: 117 Resp: 10019
 Ion Ratio Lower Upper
 117 100
 119 4.0 74.1 111.1#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 39.496 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007226.D

Acq: 05 Dec 2018 09:57

Instrument :

MSVOA_W

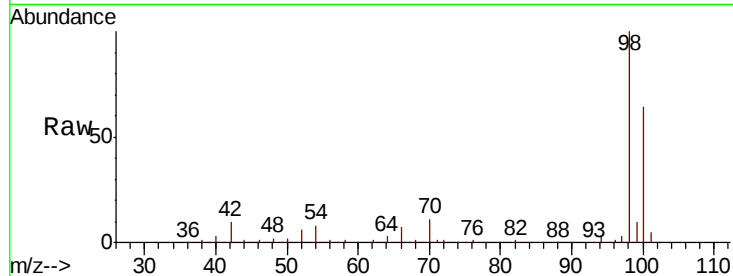
ClientSampleId :

Tot Ion: 98 Resp: 157691

Ion Ratio Lower Upper

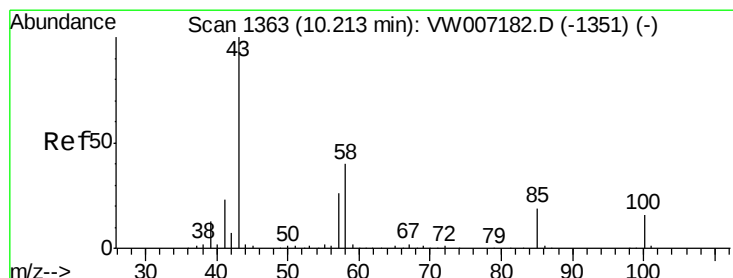
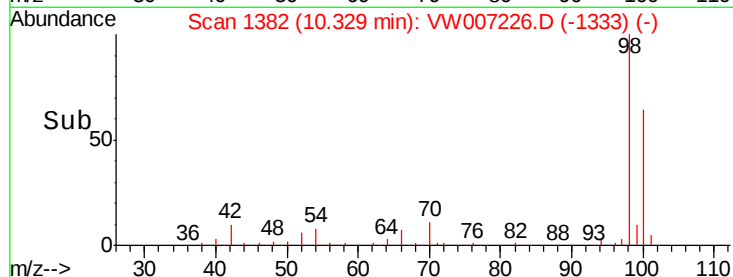
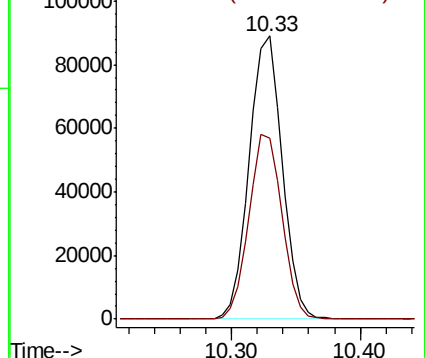
98 100

100 65.6 52.7 79.1



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: 1.112 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007226.D

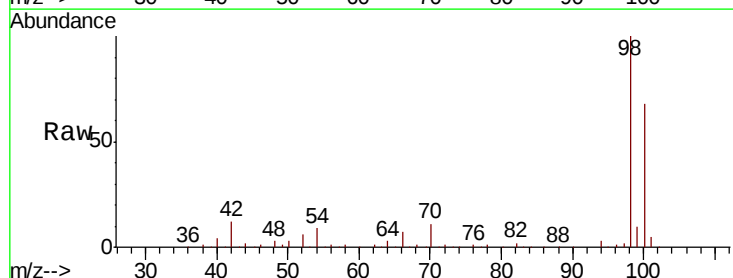
Acq: 05 Dec 2018 09:57

Tgt Ion: 43 Resp: 593

Ion Ratio Lower Upper

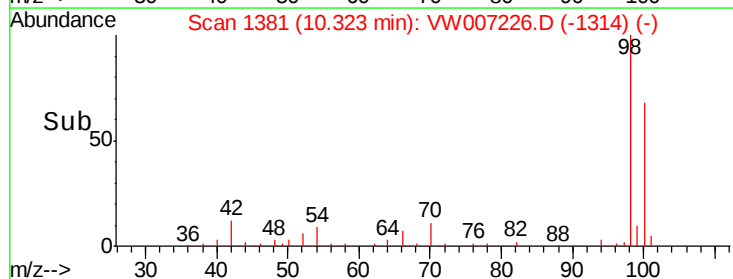
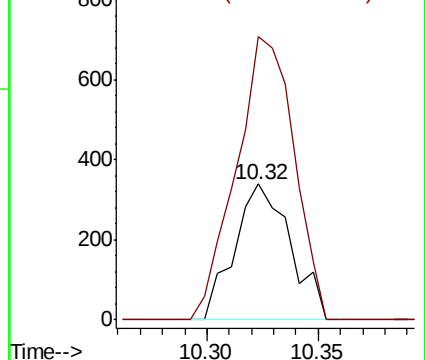
43 100

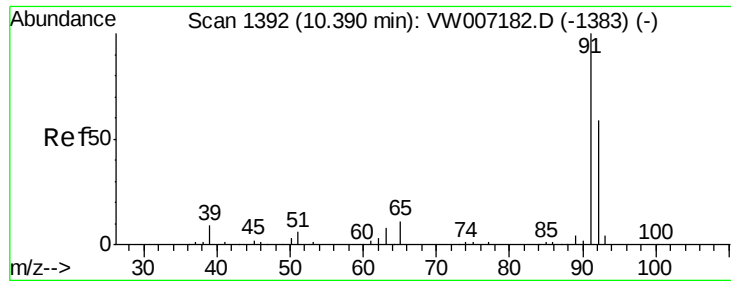
58 216.7 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 2.520 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007226.D

Acq: 05 Dec 2018 09:57

Instrument :

MSVOA_W

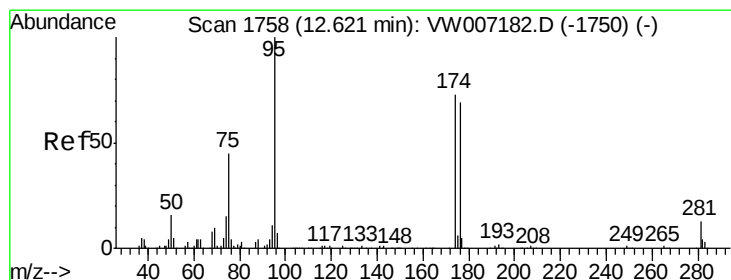
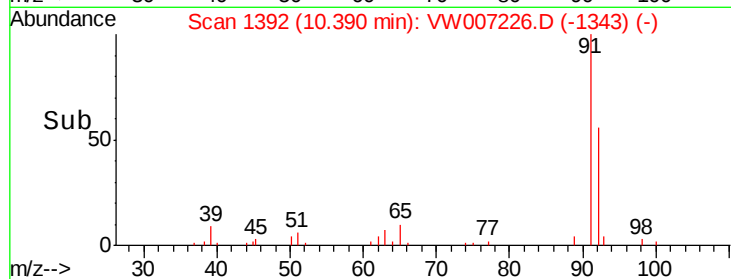
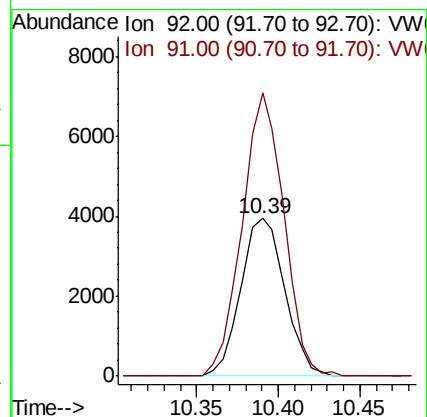
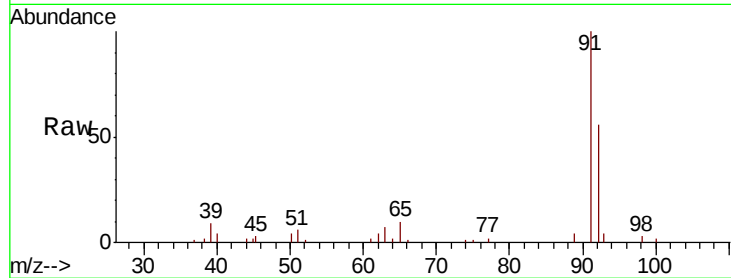
ClientSampleId :

Tot Ion: 92 Resp: 7405

Ion Ratio Lower Upper

92 100

91 170.4 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 31.430 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007226.D

Acq: 05 Dec 2018 09:57

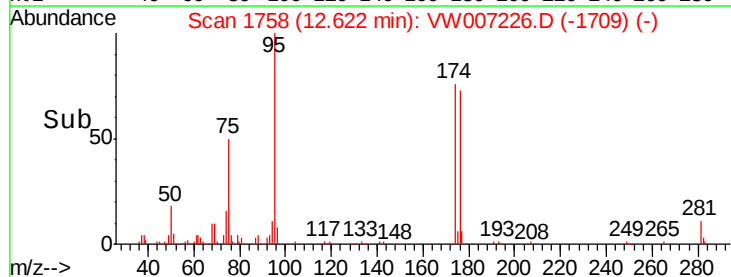
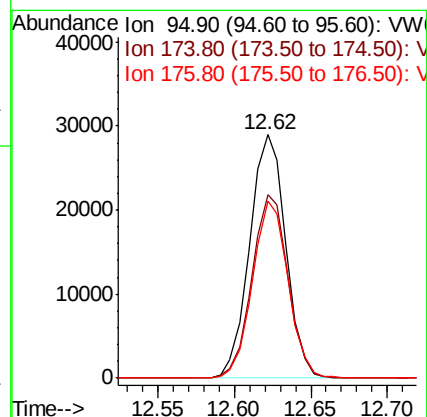
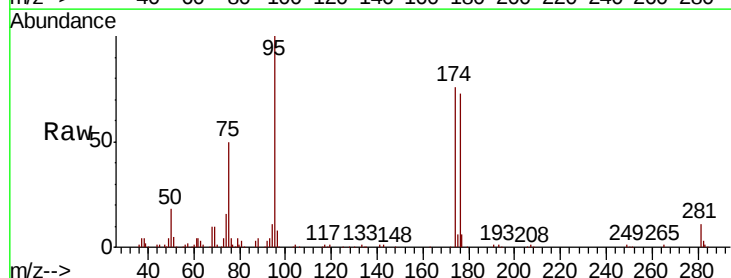
Tgt Ion: 95 Resp: 47365

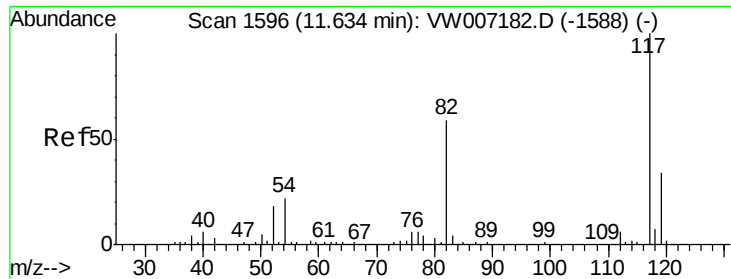
Ion Ratio Lower Upper

95 100

174 75.2 0.0 148.0

176 72.0 0.0 139.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007226.D

Acq: 05 Dec 2018 09:57

Instrument :

MSVOA_W

ClientSampleId :

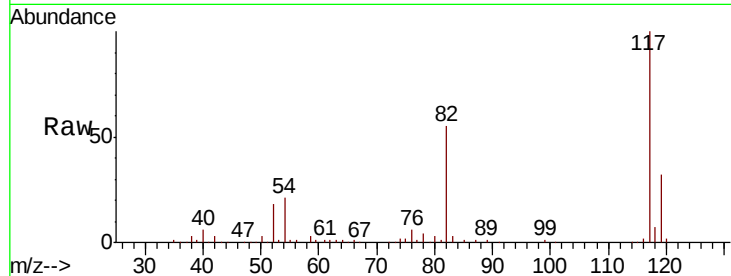
Tot Ion:117 Resp: 124856

Ion Ratio Lower Upper

117 100

82 55.0 47.4 71.2

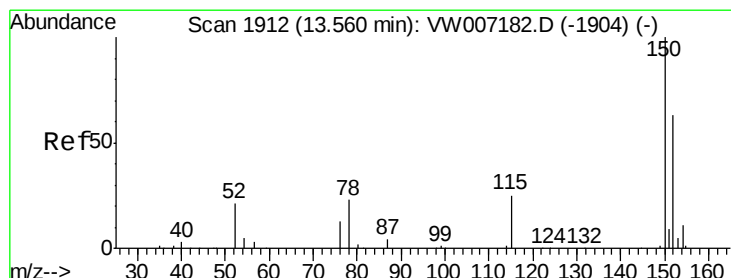
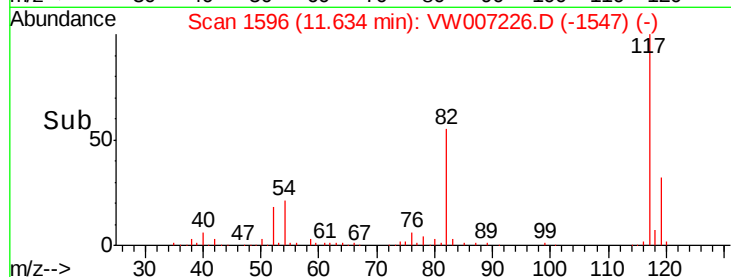
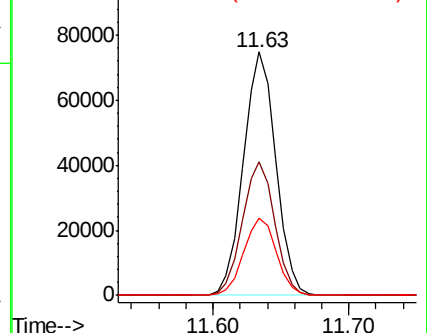
119 32.0 26.8 40.2



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: VW007226.D

Acq: 05 Dec 2018 09:57

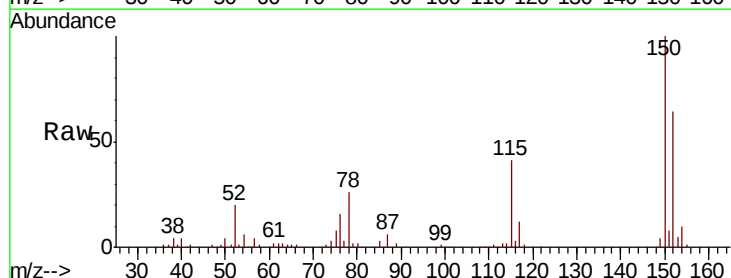
Tgt Ion:152 Resp: 39831

Ion Ratio Lower Upper

152 100

115 60.4 31.3 93.8

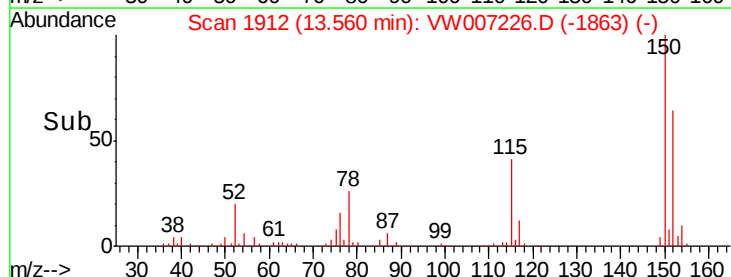
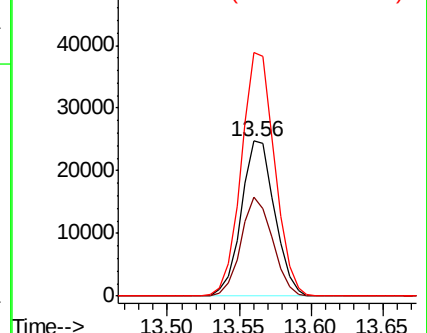
150 157.0 0.0 358.0

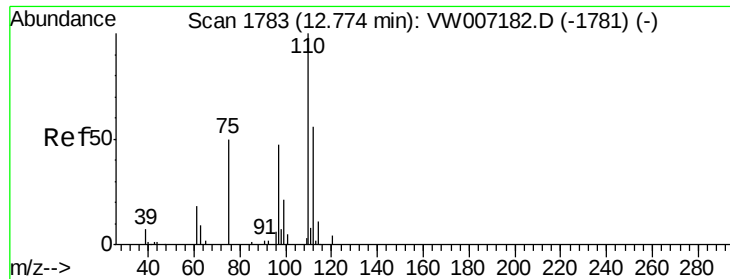


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

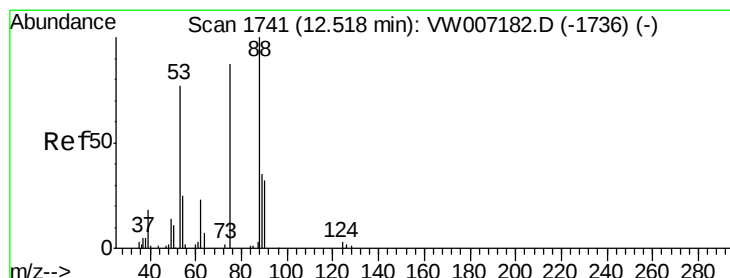
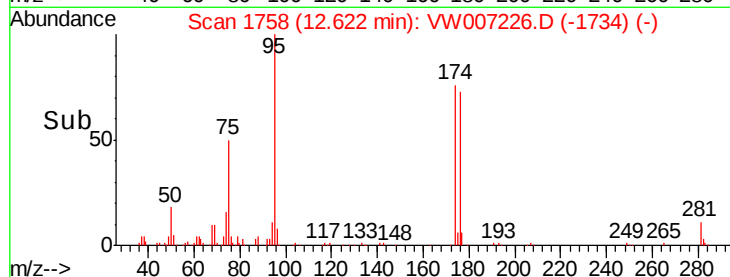
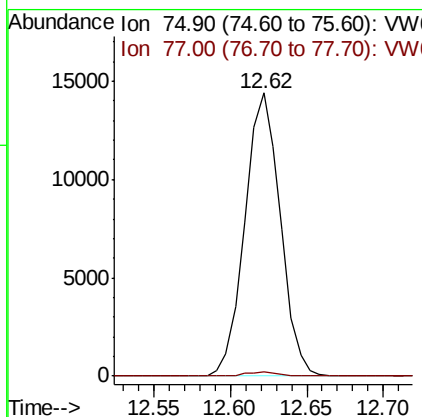
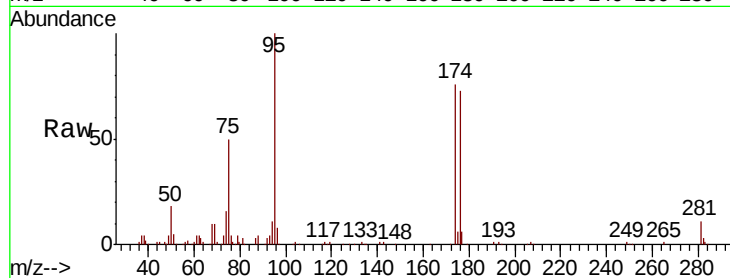




#76
 1,2,3-Trichloropropane
 Concen: 75.311 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007226.D
 Acq: 05 Dec 2018 09:57

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 23227
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.322 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007226.D
 Acq: 05 Dec 2018 09:57

Tgt Ion: 75 Resp: 23227
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.0 36.4 54.6#

