

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121818\
 Data File : VW007621.D
 Acq On : 16 Dec 2018 09:52
 Operator : SY/AP
 Sample : J6379-03
 Misc : 5.42G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 00:19:26 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	65357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	79827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	20915	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	45401	62.61	ug/l	0.00
Spiked Amount			Recovery	=	125.22%	
35) Dibromofluoromethane	7.88	113	39191	57.16	ug/l	0.00
Spiked Amount			Recovery	=	114.32%	
50) Toluene-d8	10.32	98	112161	43.63	ug/l	0.00
Spiked Amount			Recovery	=	87.26%	
62) 4-Bromofluorobenzene	12.62	95	27609	29.21	ug/l	0.00
Spiked Amount			Recovery	=	58.42%	

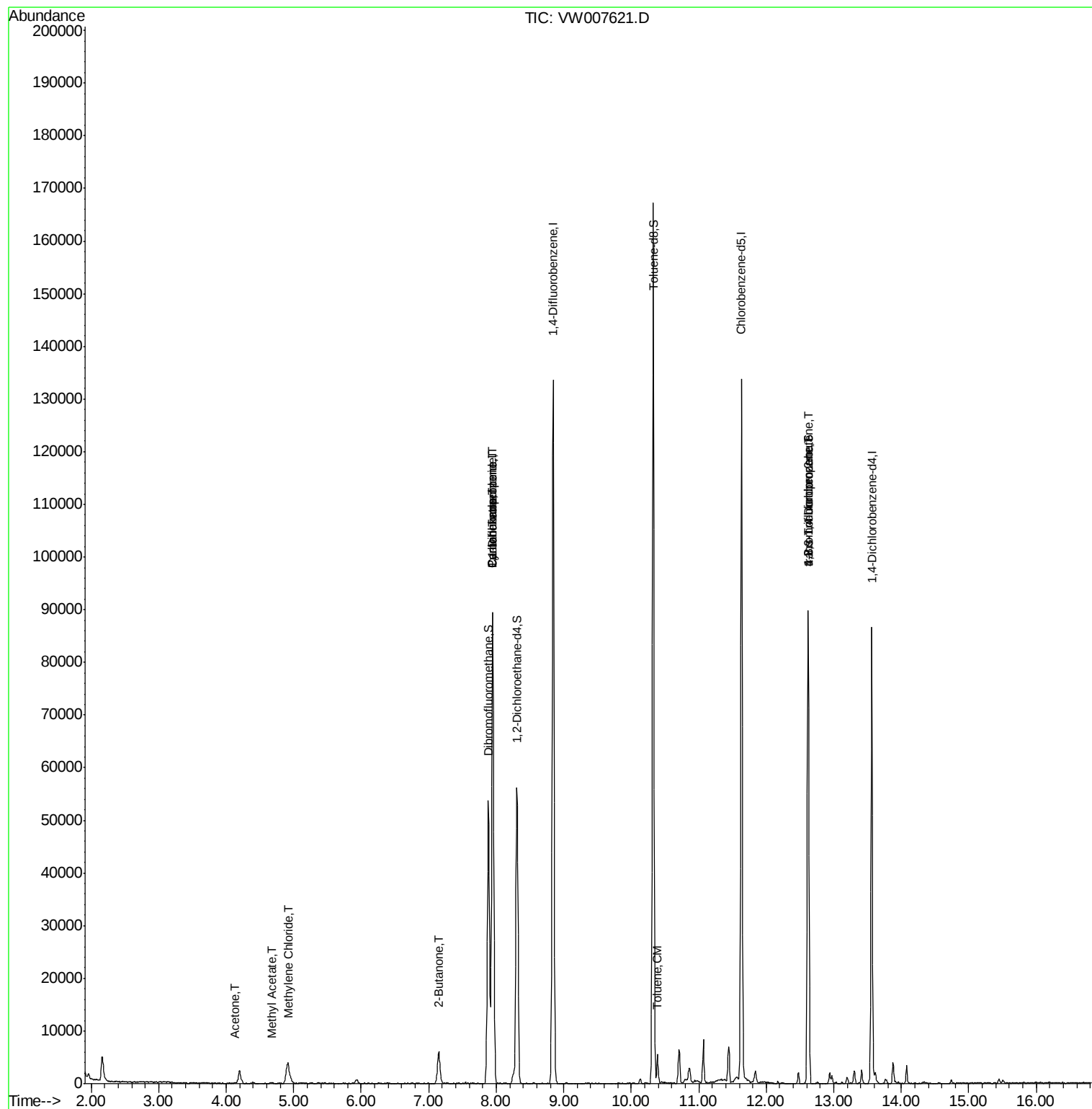
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	258	2.037	ug/l #	44
18) Methyl Acetate	4.67	43	387	1.126	ug/l #	49
20) Methylene Chloride	4.92	84	3736	1.602	ug/l	88
25) 2-Butanone	7.15	43	229	1.385	ug/l #	45
31) Cyclohexane	7.95	56	1286	1.142	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	4936	4.777	ug/l #	48
38) Carbon Tetrachloride	7.95	117	7200	6.404	ug/l #	17
52) Toluene	10.39	92	2161	1.165	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	14581	84.552	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	14581	186.776	ug/l #	7

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

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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# 991

Delta R.T. -0.01 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

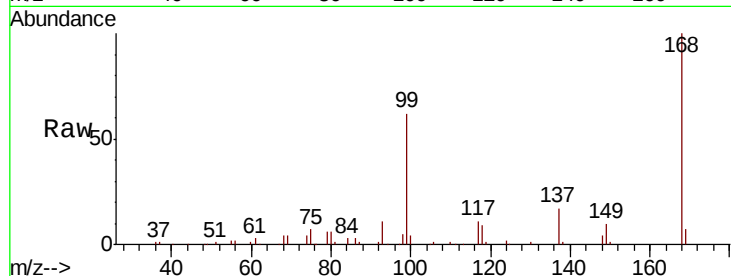
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 65357

Ion Ratio Lower Upper

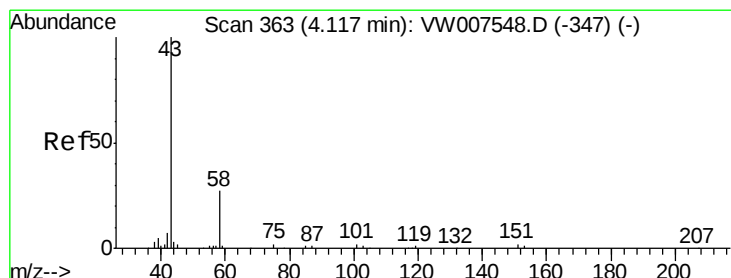
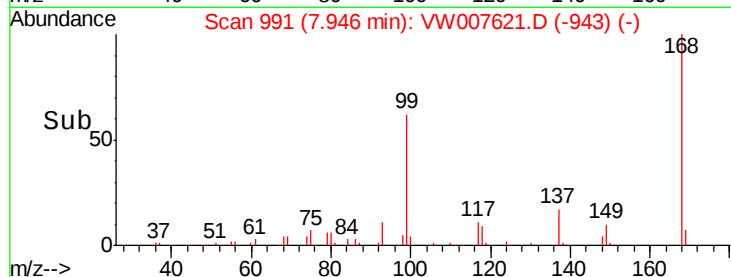
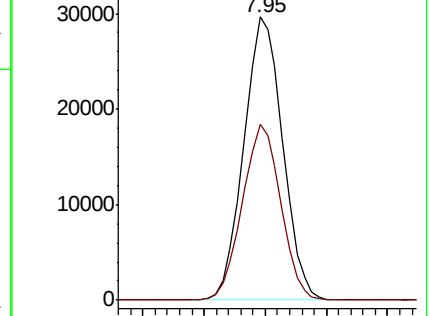
168 100

99 62.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.037 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007621.D

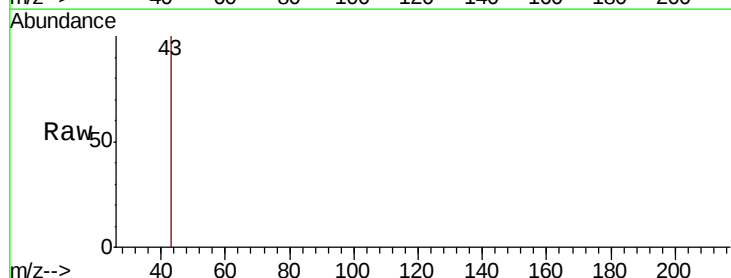
Acq: 16 Dec 2018 09:52

Tgt Ion: 43 Resp: 258

Ion Ratio Lower Upper

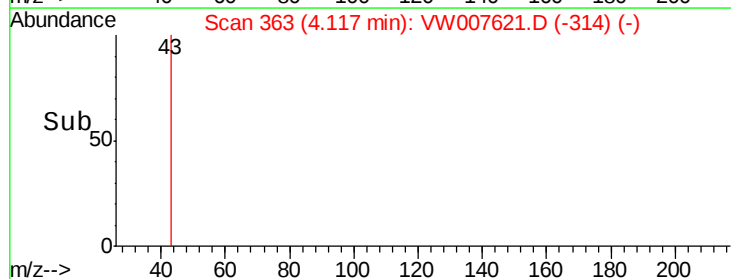
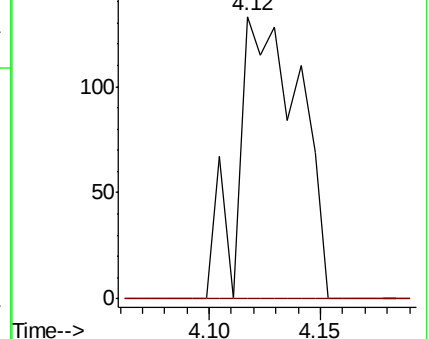
43 100

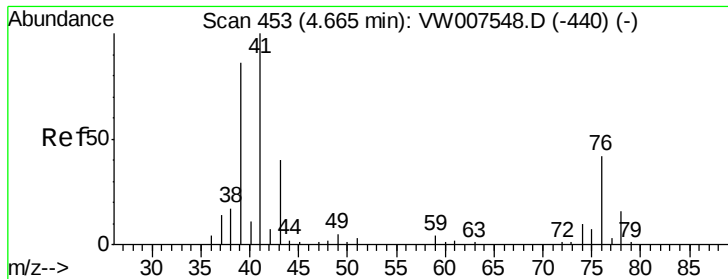
58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

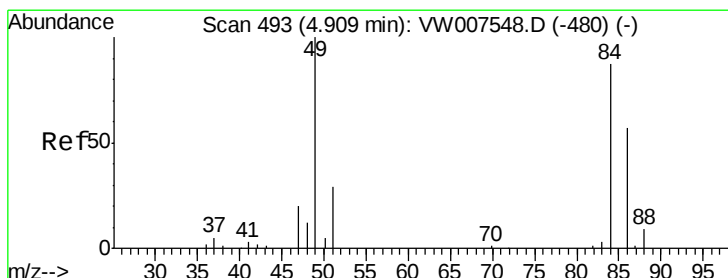
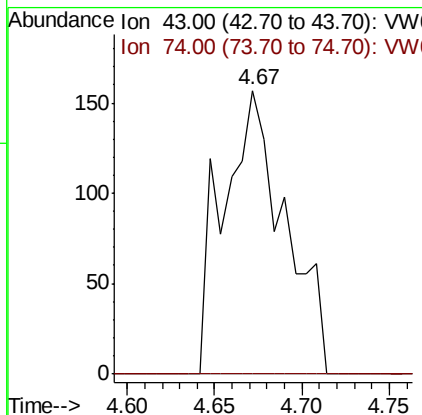
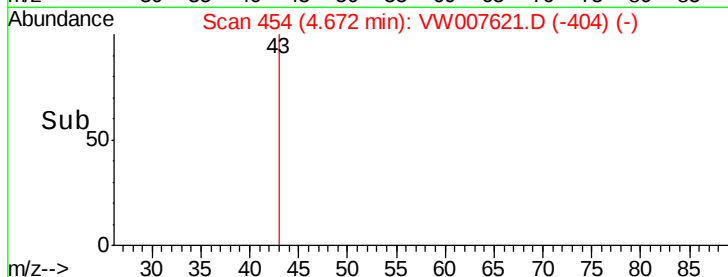
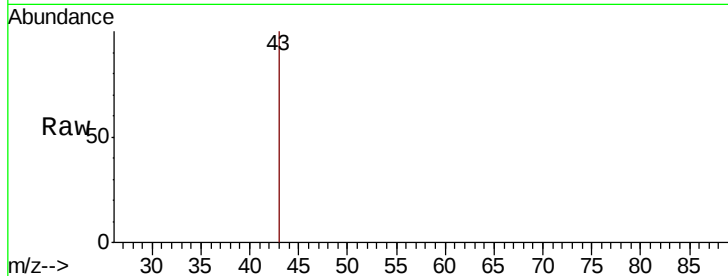




#18
Methyl Acetate
Concen: 1.126 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007621.D
Acq: 16 Dec 2018 09:52

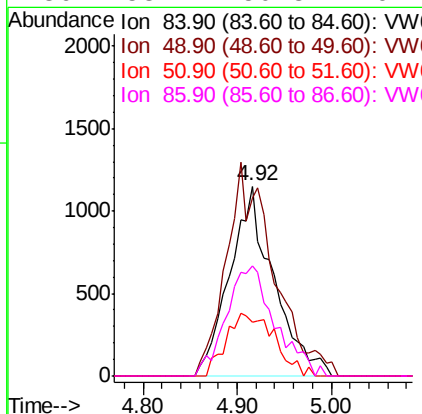
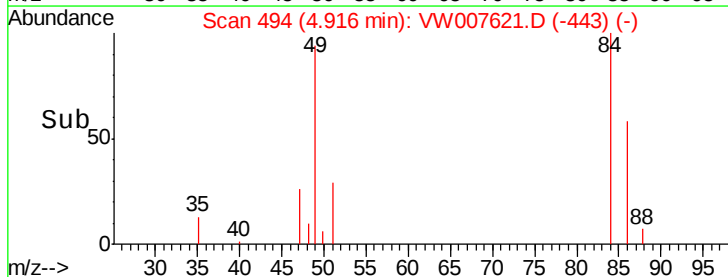
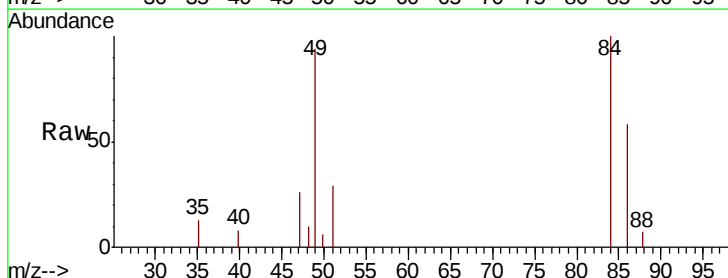
Instrument :
MSVOA_W
ClientSampled :

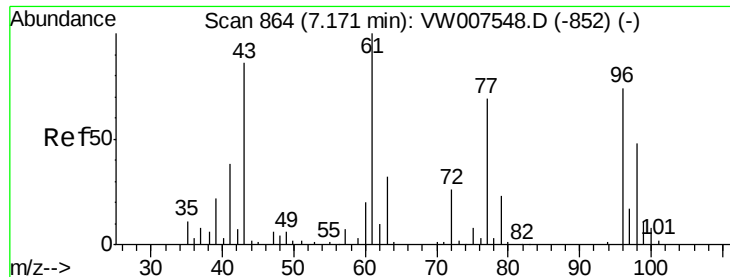
Tot Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#20
Methylene Chloride
Concen: 1.602 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007621.D
Acq: 16 Dec 2018 09:52

Tgt Ion: 84 Resp: 3736
Ion Ratio Lower Upper
84 100
49 93.8 87.1 130.7
51 28.5 28.2 42.2
86 58.1 50.8 76.2

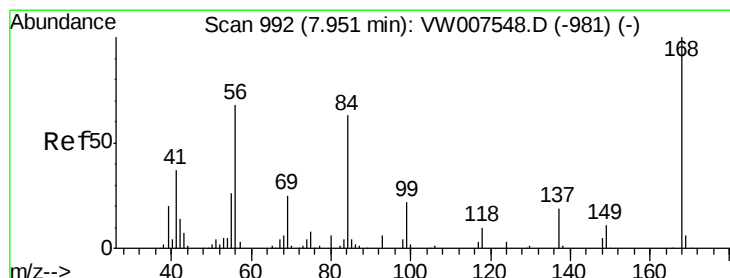
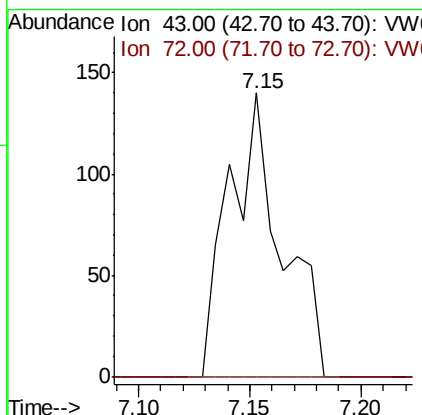
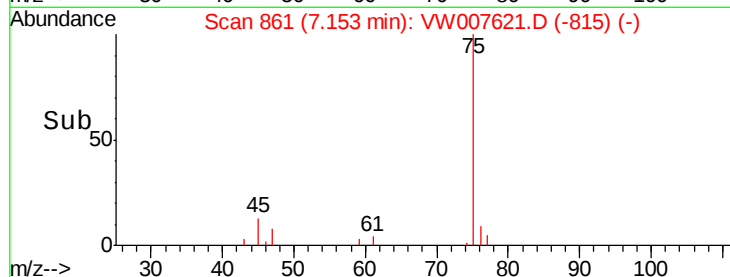
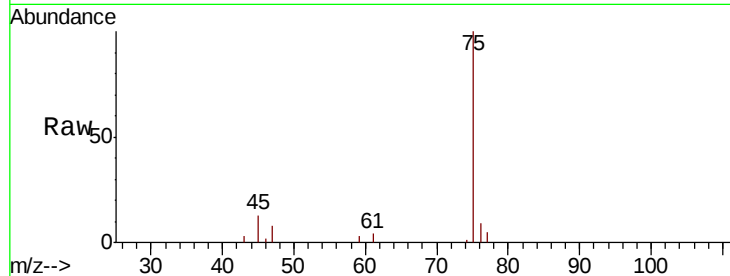




#25
2-Butanone
Concen: 1.385 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW007621.D
Acq: 16 Dec 2018 09:52

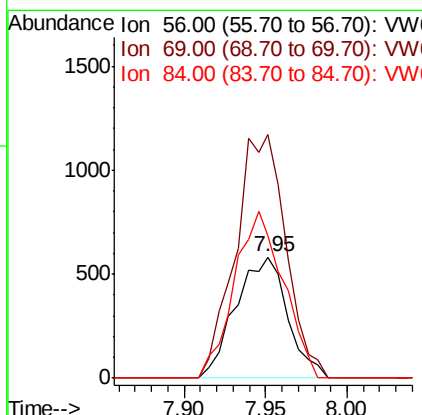
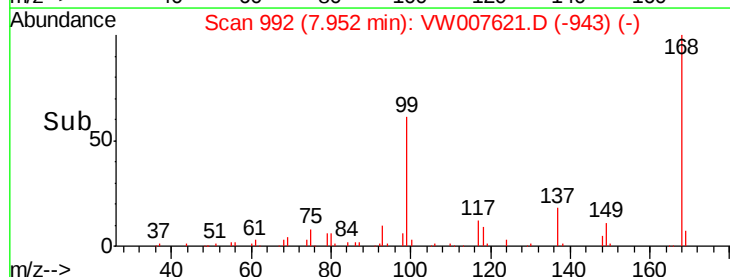
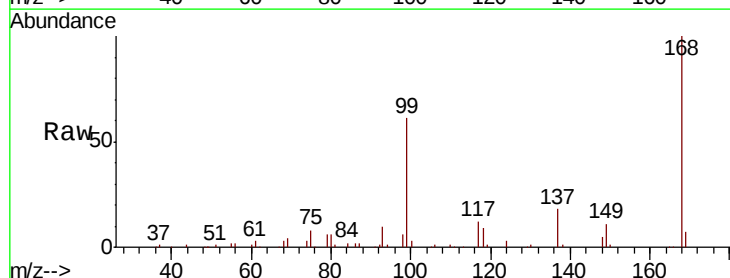
Instrument :
MSVOA_W
ClientSampleId :

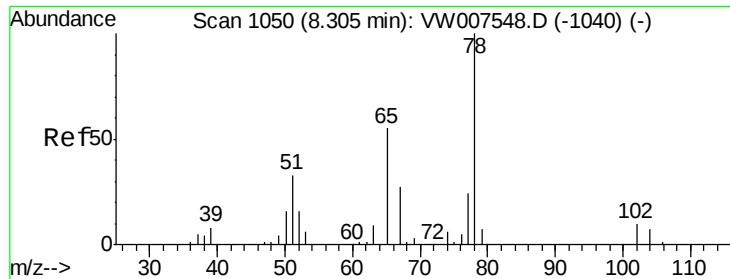
Tot Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#



#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007621.D
Acq: 16 Dec 2018 09:52

Tgt Ion: 56 Resp: 1286
Ion Ratio Lower Upper
56 100
69 200.9 28.9 43.3#
84 117.7 71.8 107.6#

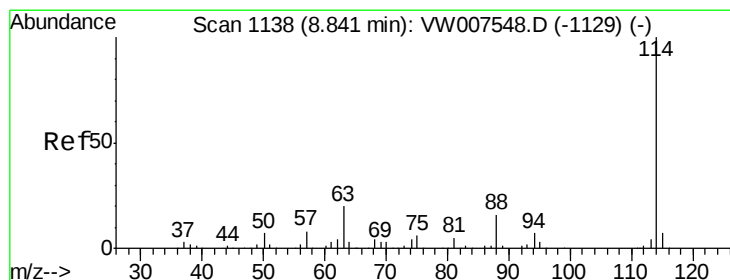
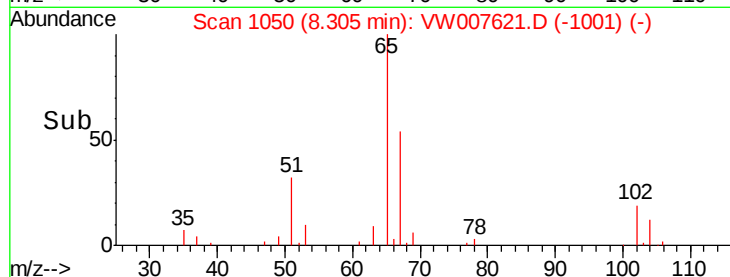
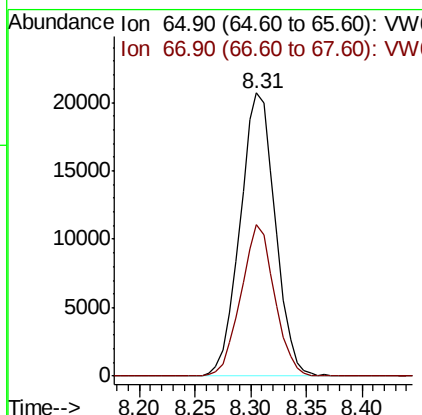
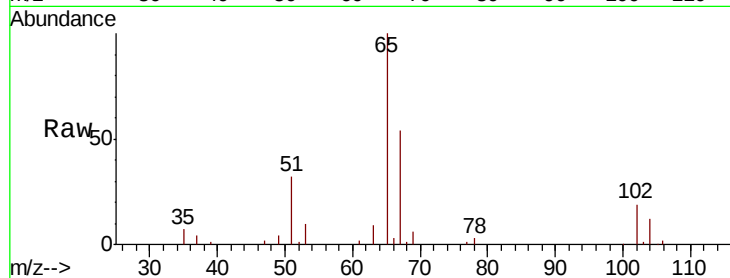




#33
 1,2-Dichloroethane-d4
 Concen: 62.615 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007621.D
 Acq: 16 Dec 2018 09:52

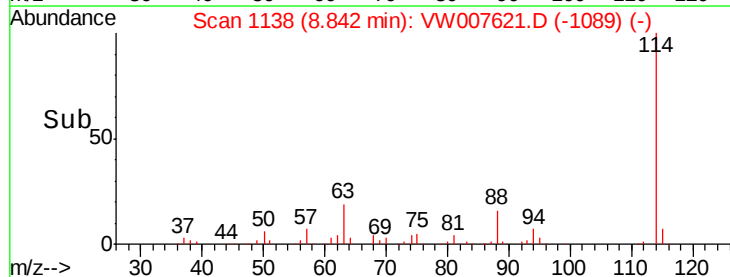
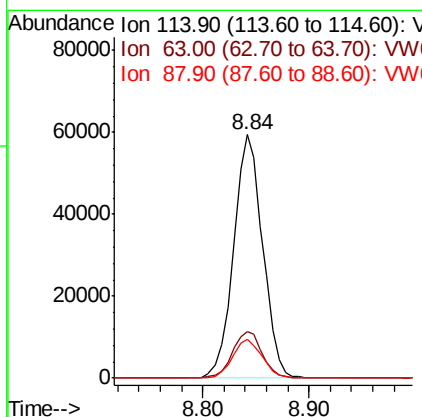
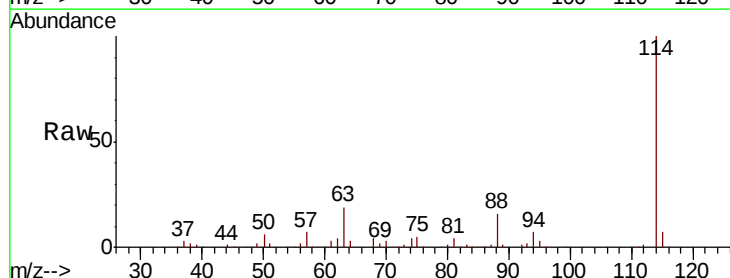
Instrument :
 MSVOA_W
 ClientSampleId :

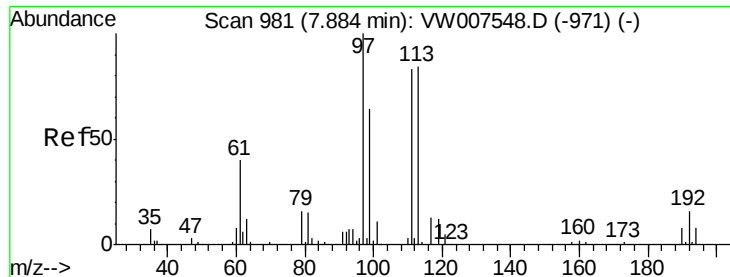
Tot Ion: 65 Resp: 45401
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007621.D
 Acq: 16 Dec 2018 09:52

Tgt Ion: 114 Resp: 113266
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 16.0 0.0 31.4

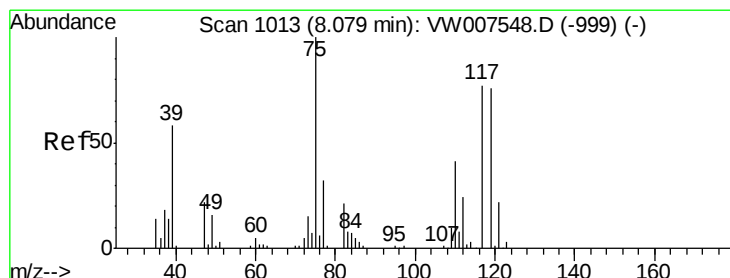
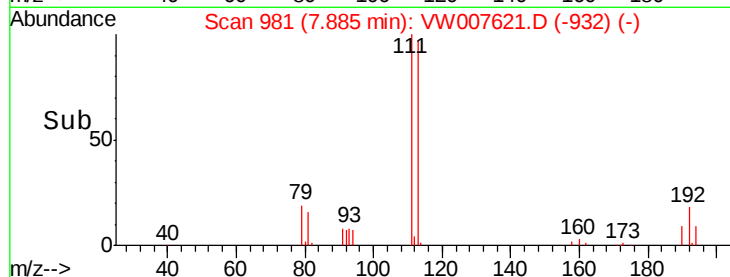
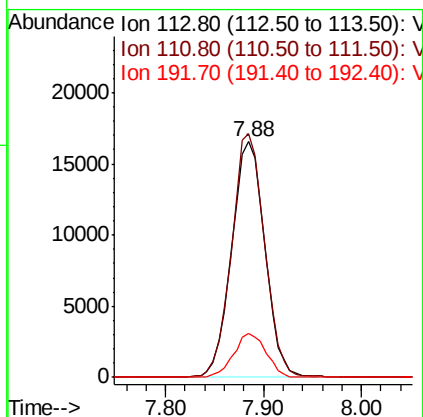
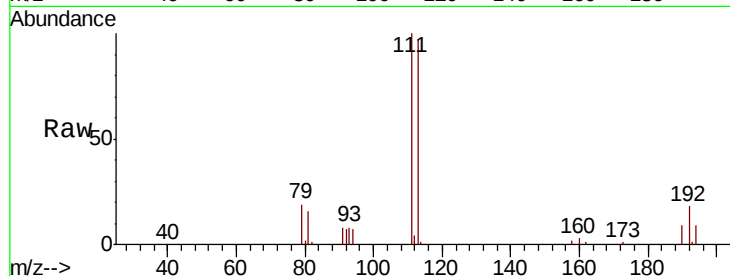




#35
 Dibromofluoromethane
 Concen: 57.159 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007621.D
 Acq: 16 Dec 2018 09:52

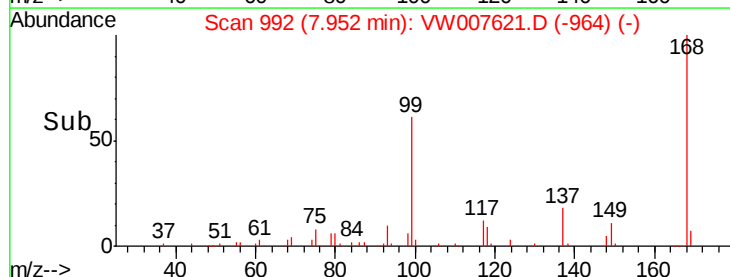
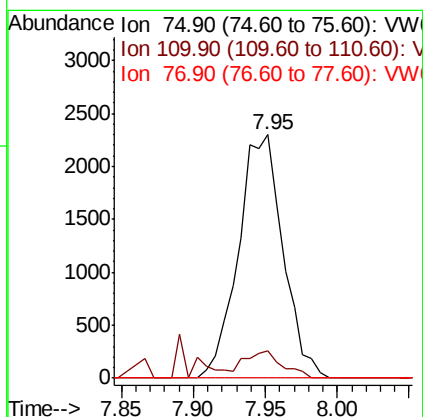
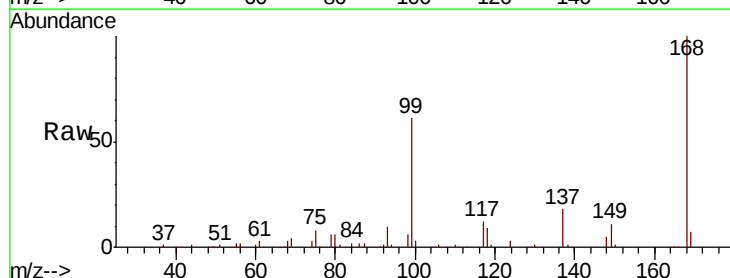
Instrument :
 MSVOA_W
 ClientSampleId :

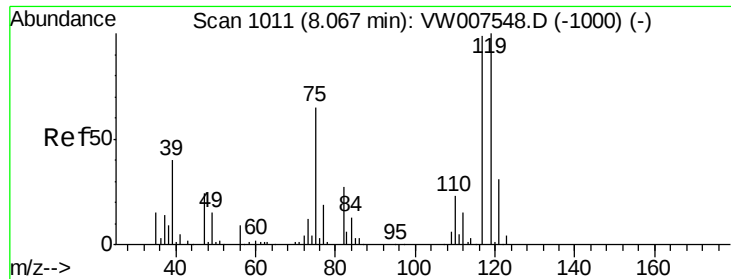
Tot Ion:113 Resp: 39191
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 18.1 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.777 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007621.D
 Acq: 16 Dec 2018 09:52

Tgt Ion: 75 Resp: 4936
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.5 55.5#
 77 0.0 25.6 38.4#

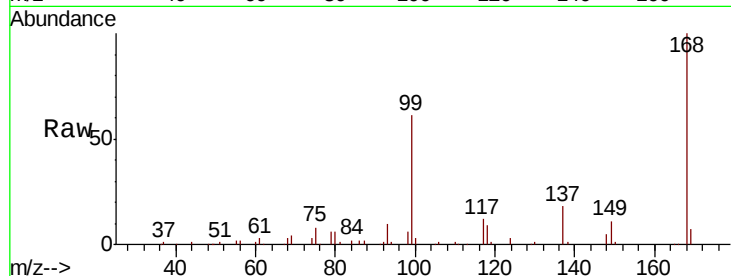




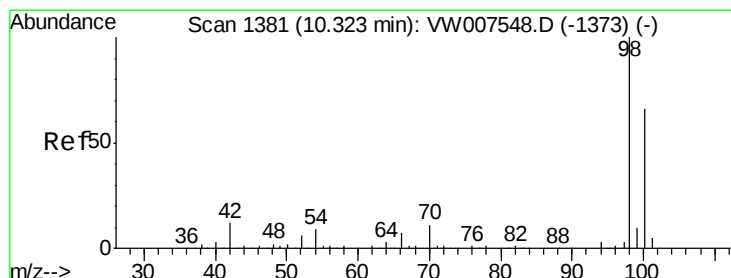
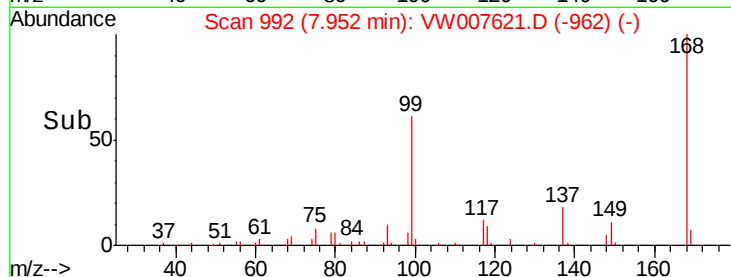
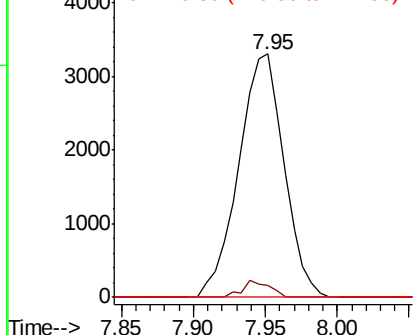
#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007621.D
Acq: 16 Dec 2018 09:52

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 7200
Ion Ratio Lower Upper
117 100
119 5.1 74.3 111.5#
121 0.0 24.3 36.5#

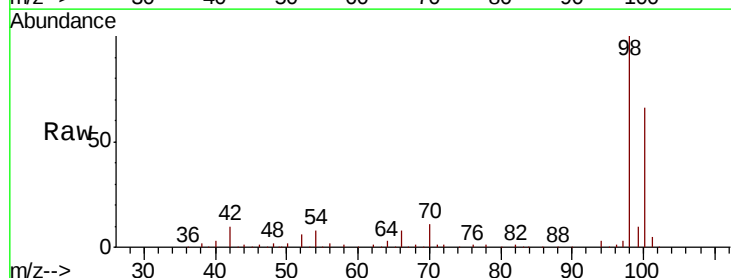


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

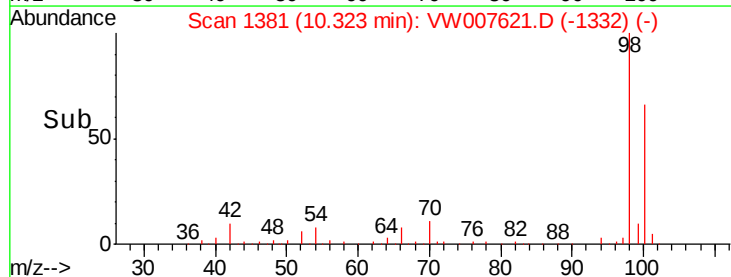
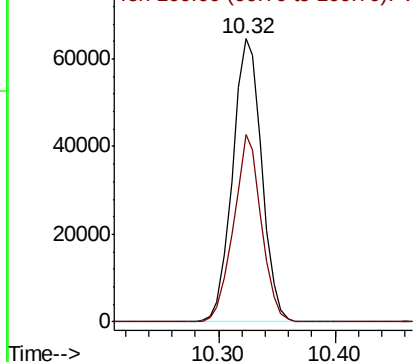


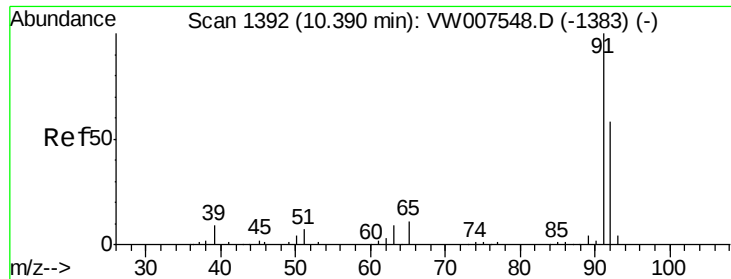
#50
Toluene-d8
Concen: 43.629 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007621.D
Acq: 16 Dec 2018 09:52

Tgt Ion: 98 Resp: 112161
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8



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





#52

Toluene

Concen: 1.165 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

Instrument :

MSVOA_W

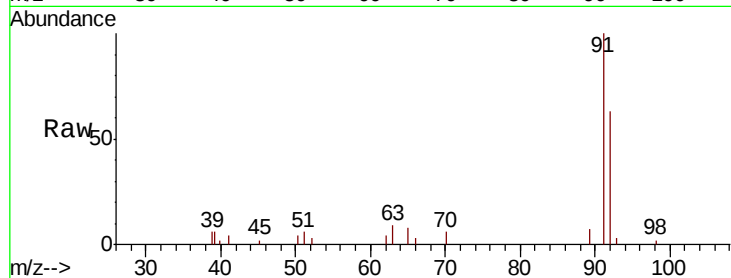
ClientSampleId :

Tot Ion: 92 Resp: 2161

Ion Ratio Lower Upper

92 100

91 168.7 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

2500

2000

1500

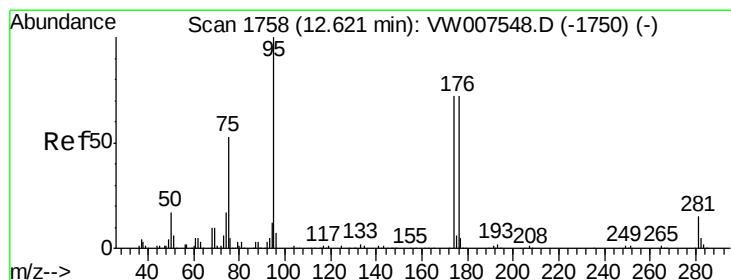
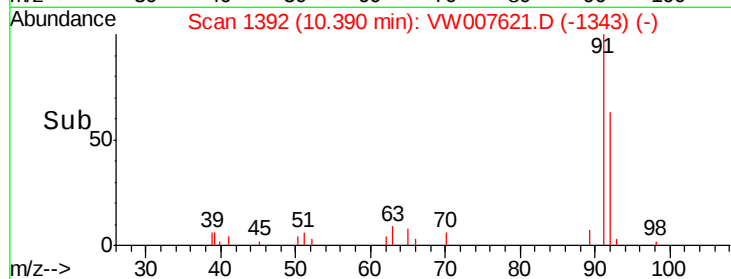
10.39

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 29.209 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

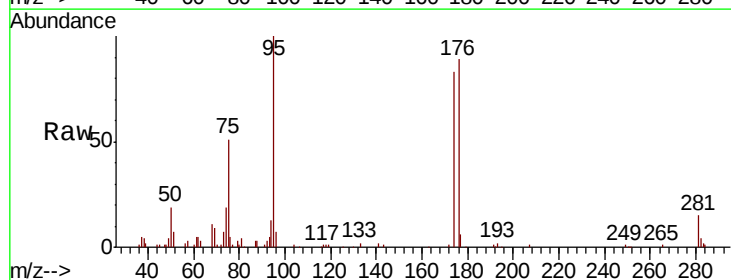
Tgt Ion: 95 Resp: 27609

Ion Ratio Lower Upper

95 100

174 79.5 0.0 147.2

176 83.5 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

20000

15000

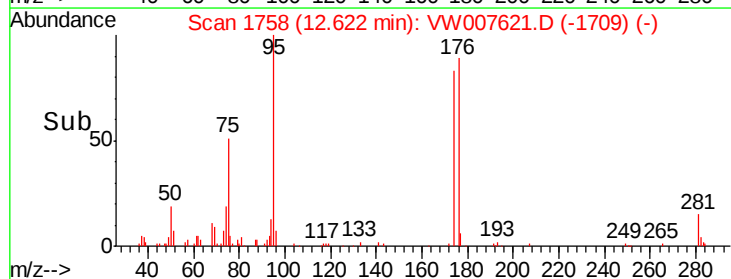
12.62

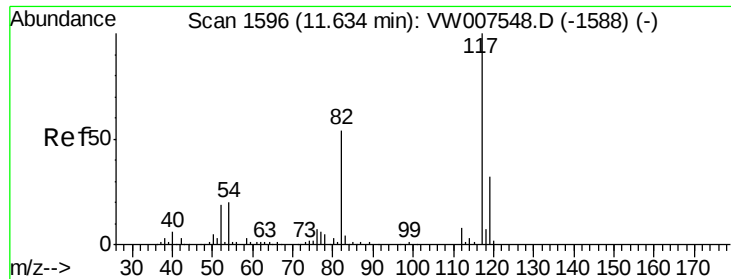
10000

5000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

Instrument :

MSVOA_W

ClientSampleId :

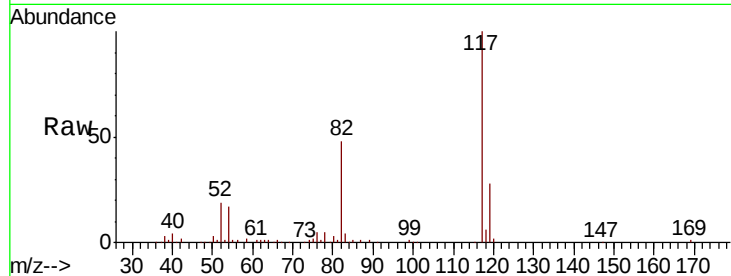
Tot Ion:117 Resp: 79827

Ion Ratio Lower Upper

117 100

82 48.3 42.3 63.5

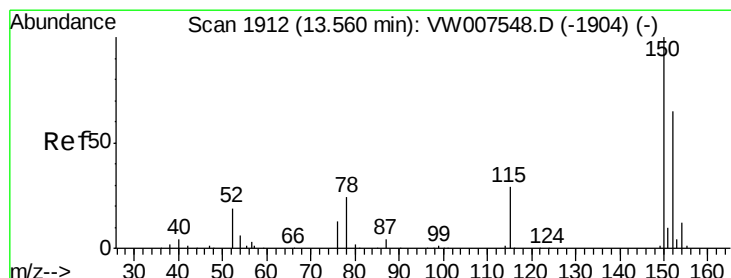
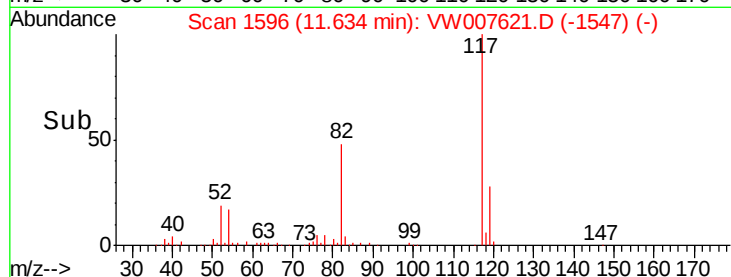
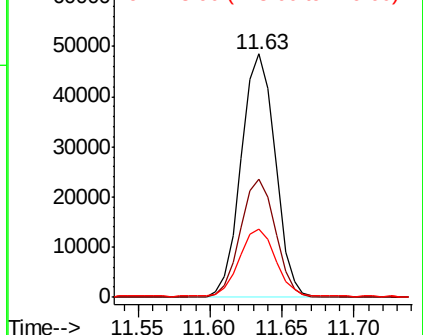
119 27.4 23.0 34.6



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

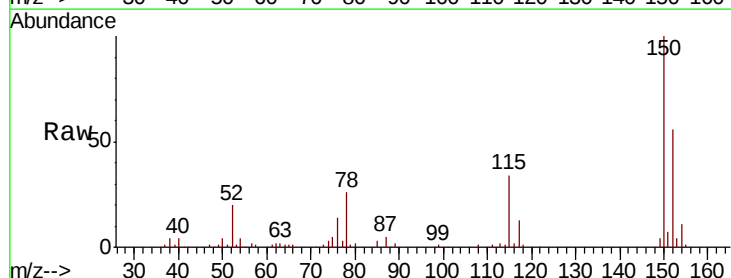
Tgt Ion:152 Resp: 20915

Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.2

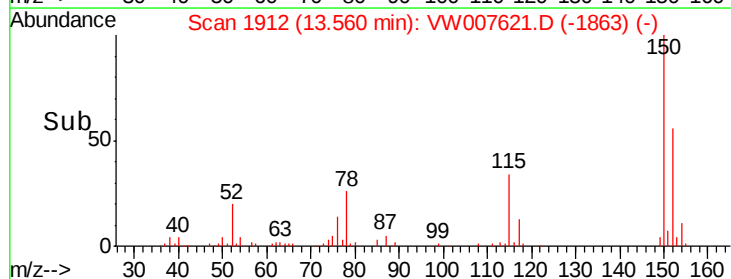
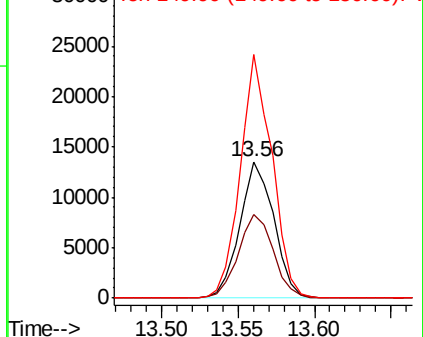
150 166.5 0.0 358.4

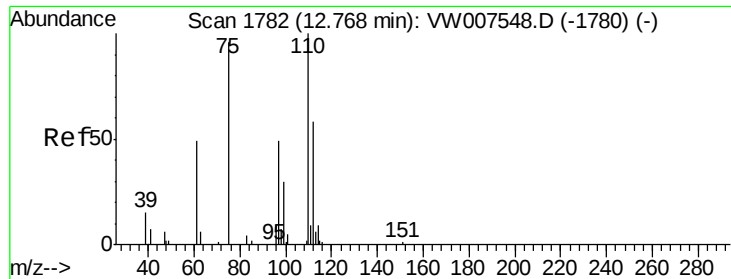


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 84.552 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

Instrument :

MSVOA_W

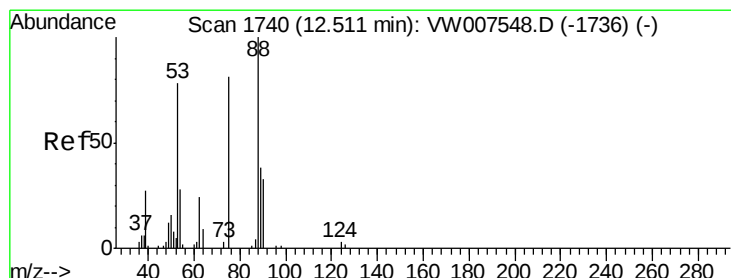
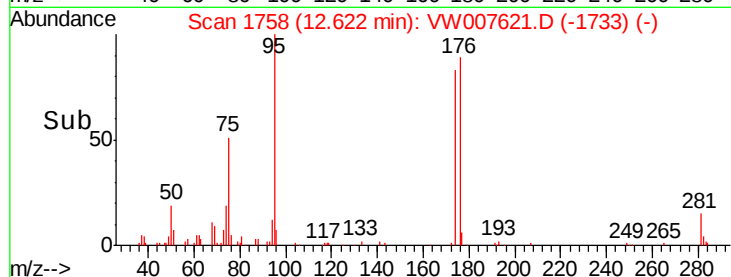
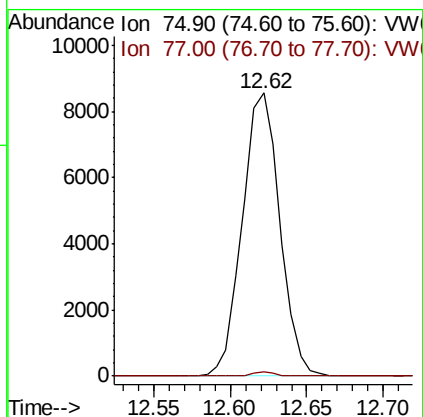
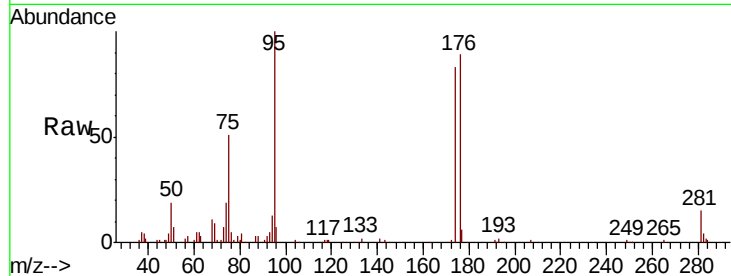
ClientSampleId :

Tot Ion: 75 Resp: 14581

Ion Ratio Lower Upper

75 100

77 0.8 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 186.776 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007621.D

Acq: 16 Dec 2018 09:52

Tgt Ion: 75 Resp: 14581

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

