

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007900.D
 Acq On : 24 Dec 2018 20:10
 Operator : SY/AP
 Sample : J6447-01
 Misc : 5.93G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:05:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

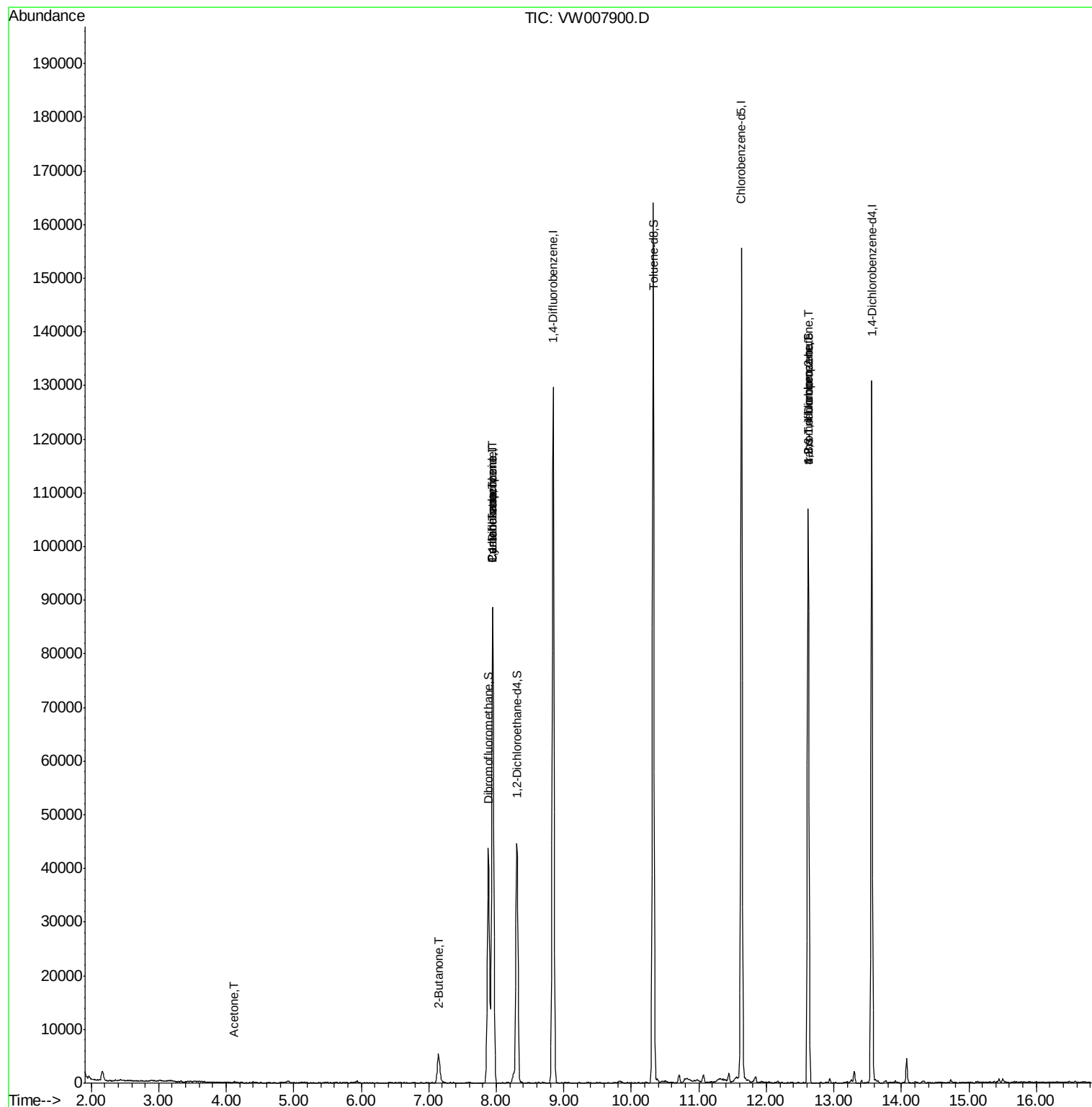
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	107073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	87446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38119	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
35) Dibromofluoromethane	7.88	113	31758	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	10.32	98	109822	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
62) 4-Bromofluorobenzene	12.62	95	35577	37.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.80%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	412	3.103	ug/l #	48
20) Methylene Chloride	4.91	84	172	Below Cal	#	80
25) 2-Butanone	7.14	43	230	1.479	ug/l #	44
31) Cyclohexane	7.94	56	1386	1.313	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	4943	4.783	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7111	5.843	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	18319	70.687	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	18319	148.378	ug/l #	9

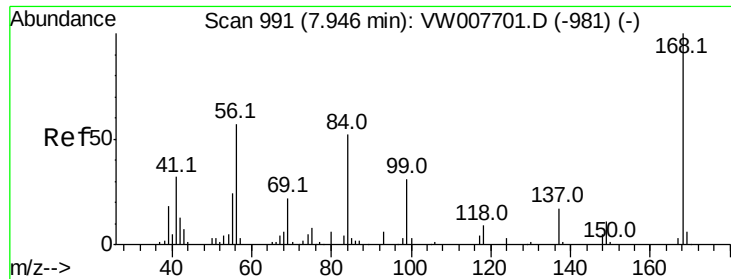
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122518\
Data File : VW007900.D
Acq On : 24 Dec 2018 20:10
Operator : SY/AP
Sample : J6447-01
Misc : 5.93G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 25 02:05:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007900.D

Acq: 24 Dec 2018 20:10

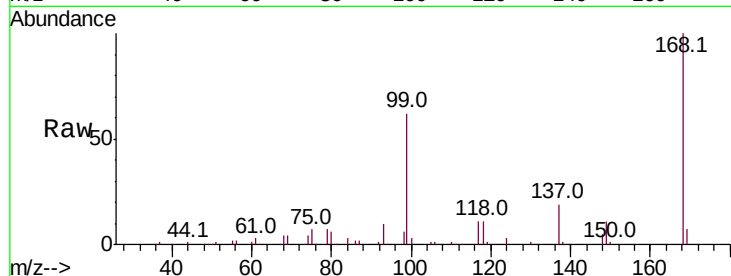
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 64685

Ion Ratio Lower Upper

168 100

99 62.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

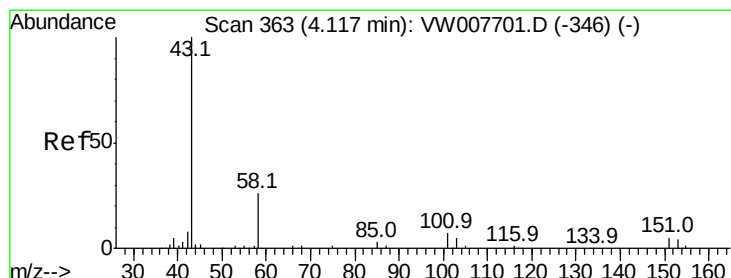
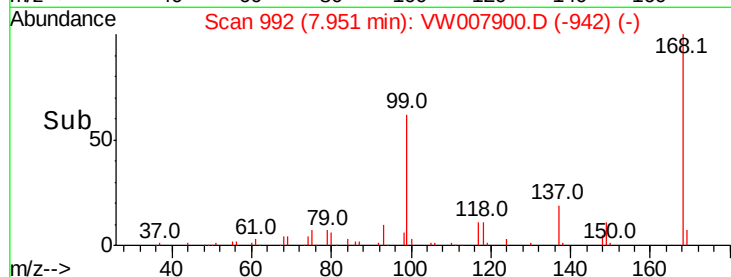
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 3.103 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007900.D

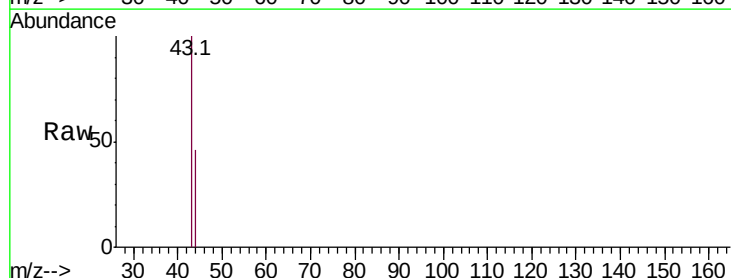
Acq: 24 Dec 2018 20:10

Tgt Ion: 43 Resp: 412

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

250

200

150

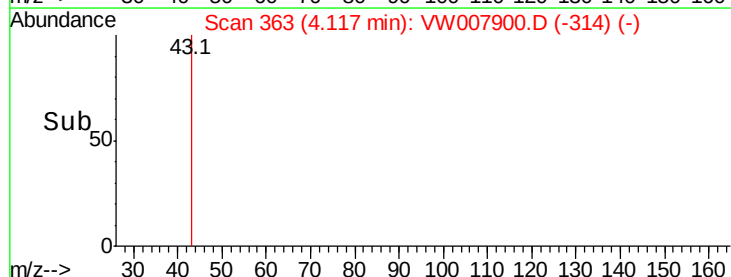
100

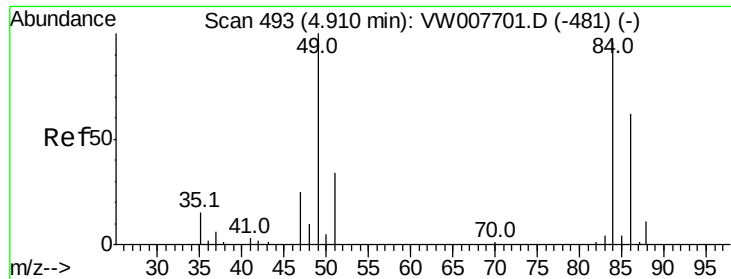
50

0

4.10 4.15

Time-->

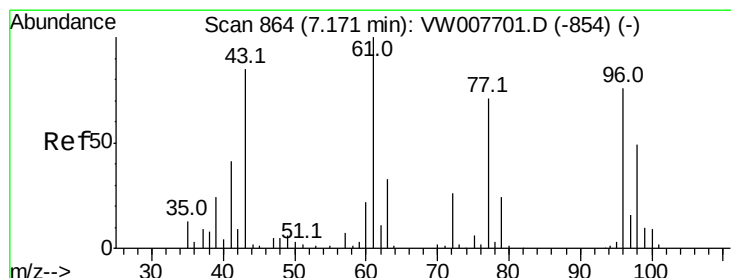
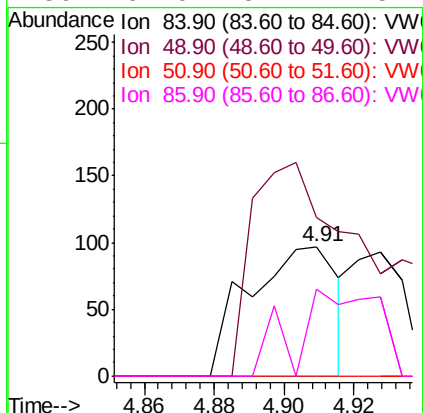
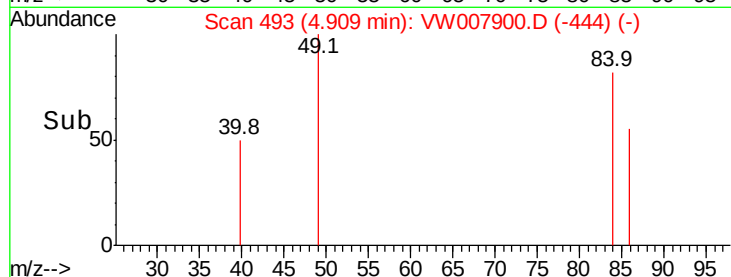
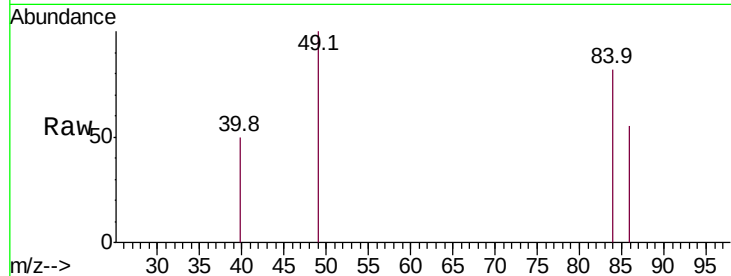




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007900.D
Acq: 24 Dec 2018 20:10

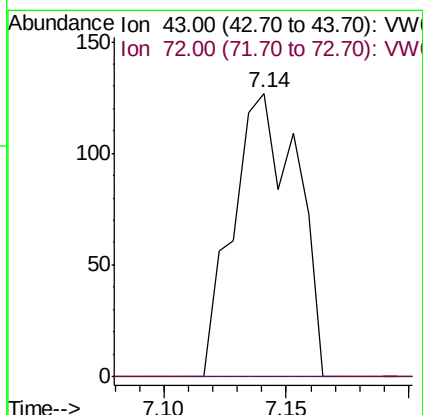
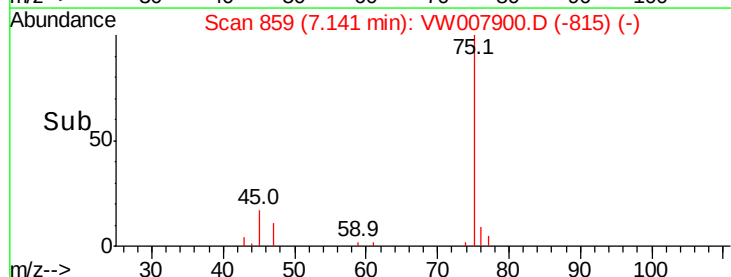
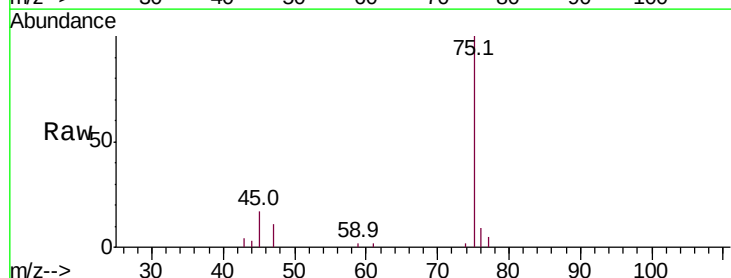
Instrument :
MSVOA_W
ClientSampled :

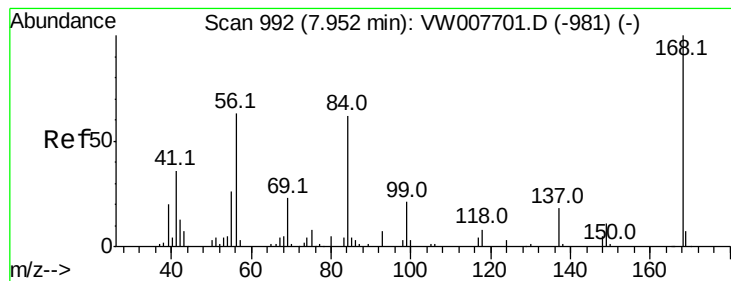
Tot Ion: 84 Resp: 172
Ion Ratio Lower Upper
84 100
49 122.7 83.7 125.5
51 0.0 28.2 42.2#
86 67.0 52.2 78.2



#25
2-Butanone
Concen: 1.479 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW007900.D
Acq: 24 Dec 2018 20:10

Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
72 0.0 24.5 36.7#





#31

Cyclohexane

Concen: 1.313 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007900.D

Acq: 24 Dec 2018 20:10

Instrument :

MSVOA_W

ClientSampleId :

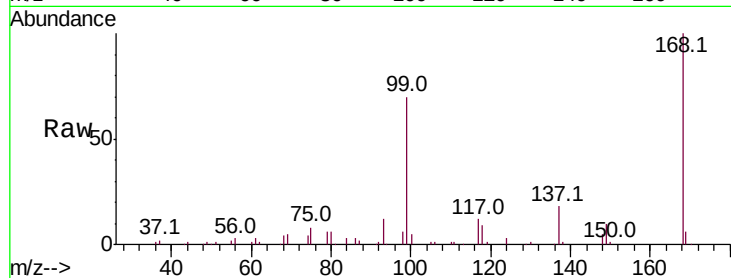
Tot Ion: 56 Resp: 1386

Ion Ratio Lower Upper

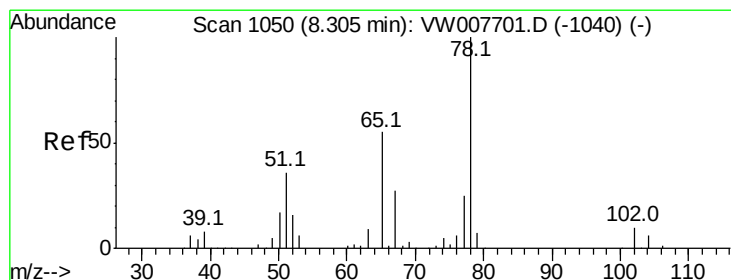
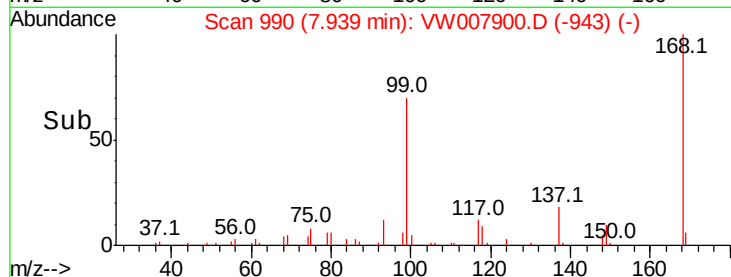
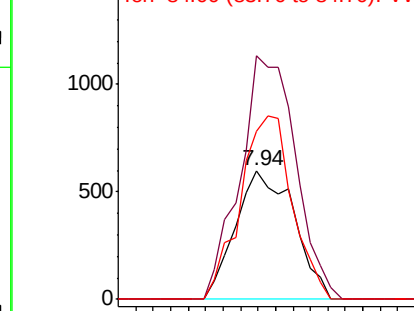
56 100

69 189.3 29.7 44.5#

84 130.3 78.9 118.3#



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: 53.766 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007900.D

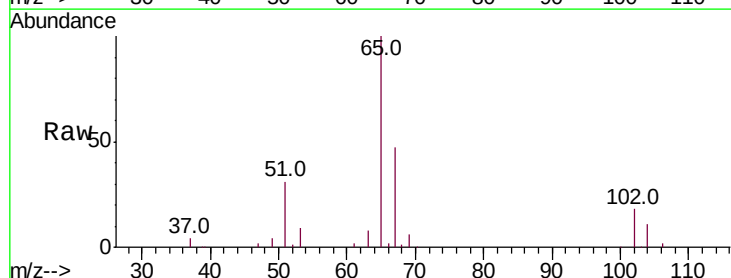
Acq: 24 Dec 2018 20:10

Tgt Ion: 65 Resp: 38119

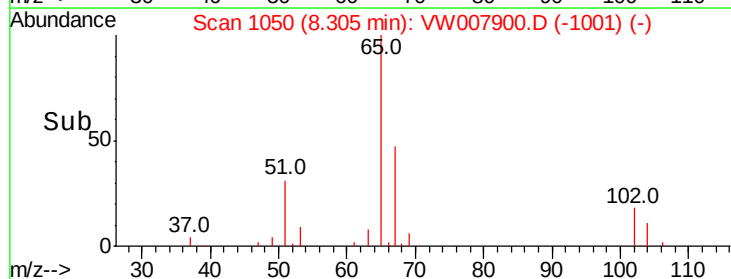
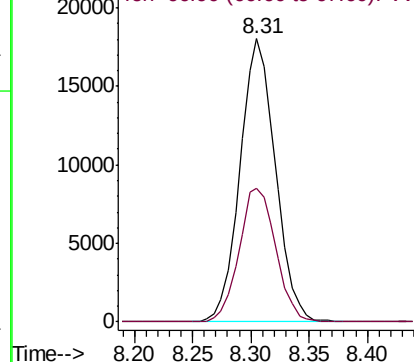
Ion Ratio Lower Upper

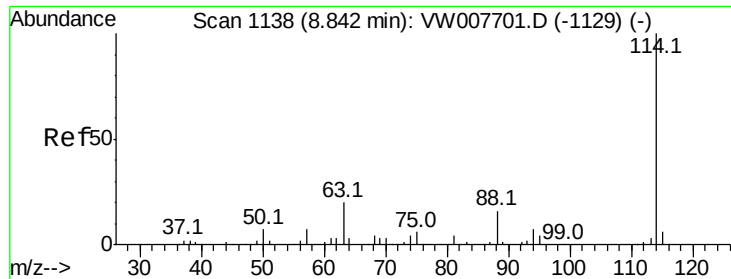
65 100

67 48.6 0.0 100.6



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

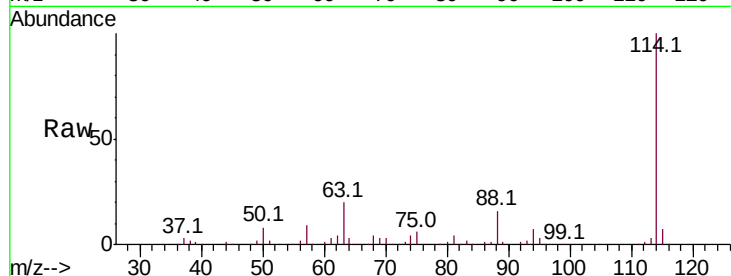




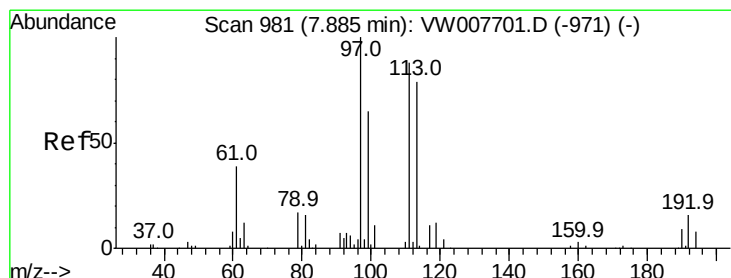
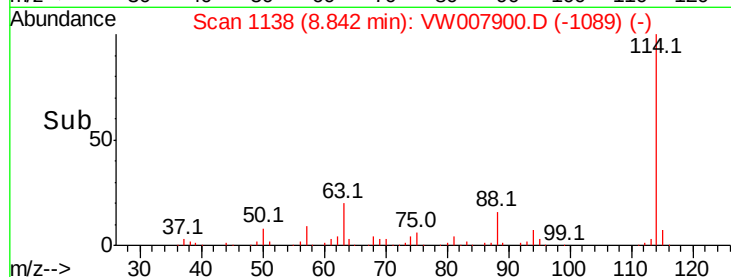
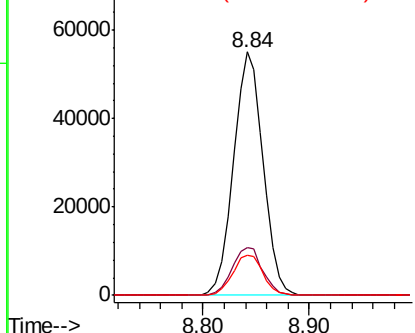
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007900.D
 Acq: 24 Dec 2018 20:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 107073
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 16.4 0.0 32.6

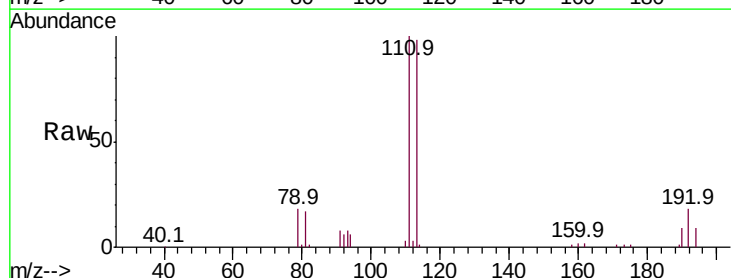


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

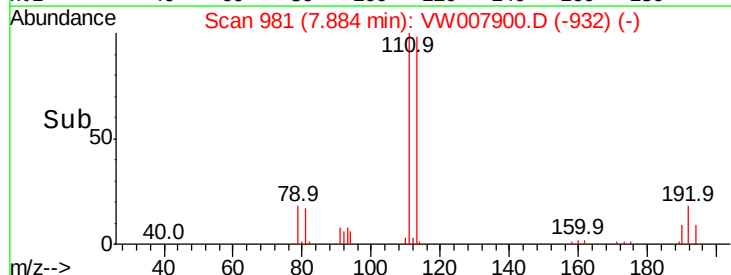
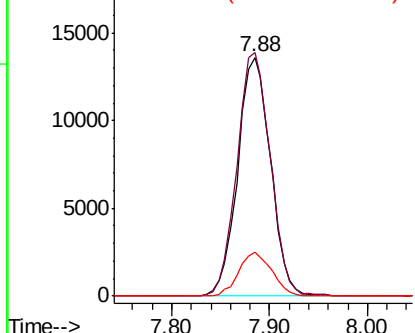


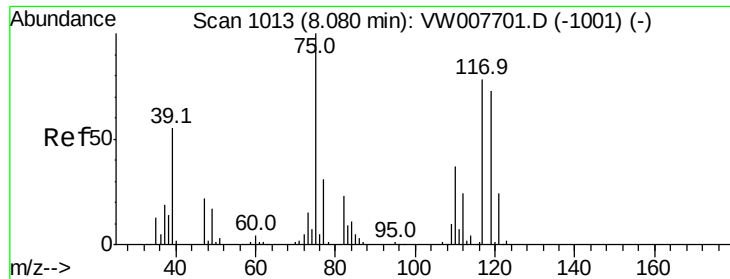
#35
 Dibromofluoromethane
 Concen: 48.619 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007900.D
 Acq: 24 Dec 2018 20:10

Tgt Ion:113 Resp: 31758
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.6 124.0
 192 18.4 15.5 23.3



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: 4.783 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007900.D

Acq: 24 Dec 2018 20:10

Instrument :

MSVOA_W

ClientSampled :

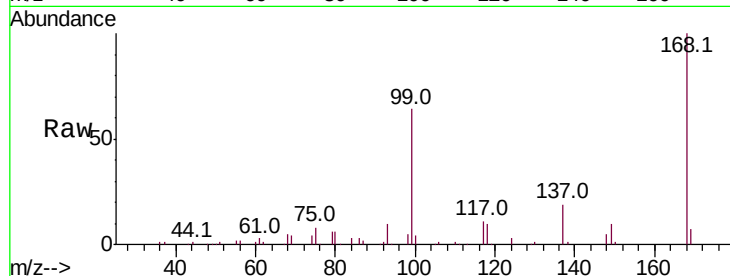
Tot Ion: 75 Resp: 4943

Ion Ratio Lower Upper

75 100

110 9.9 18.6 55.8#

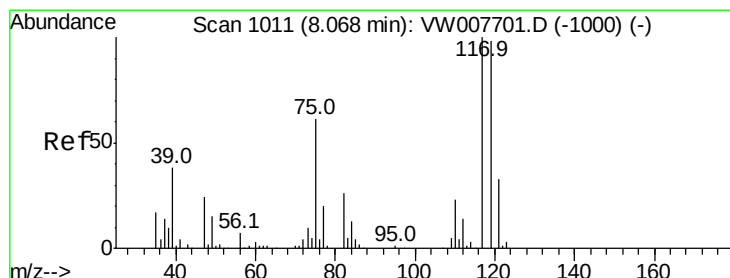
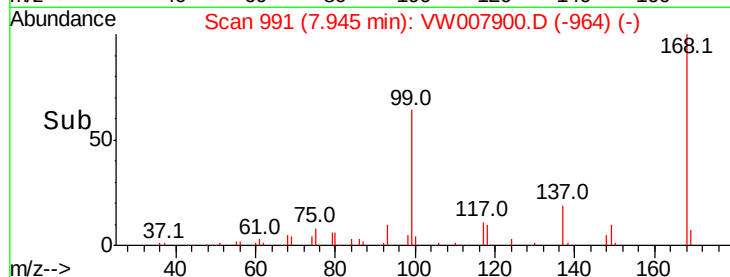
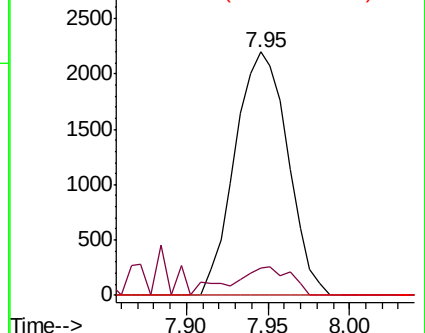
77 0.0 25.0 37.4#



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: 5.843 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007900.D

Acq: 24 Dec 2018 20:10

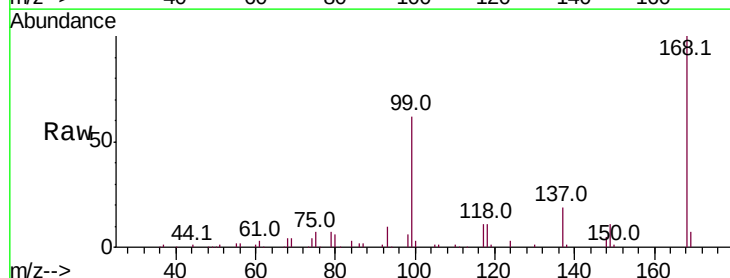
Tgt Ion: 117 Resp: 7111

Ion Ratio Lower Upper

117 100

119 7.4 78.2 117.2#

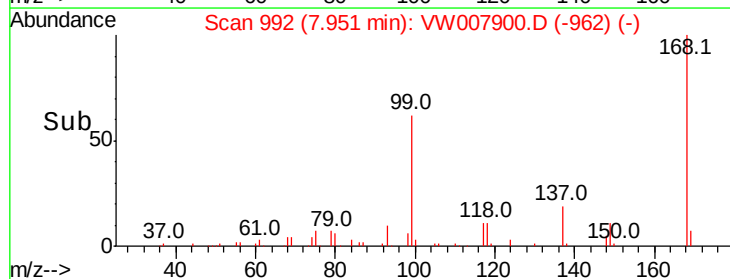
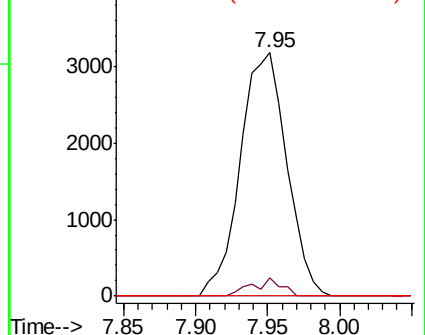
121 0.0 26.1 39.1#

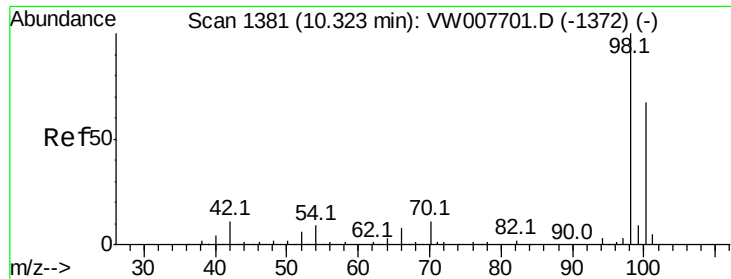


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 44.598 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007900.D

Acq: 24 Dec 2018 20:10

Instrument :

MSVOA_W

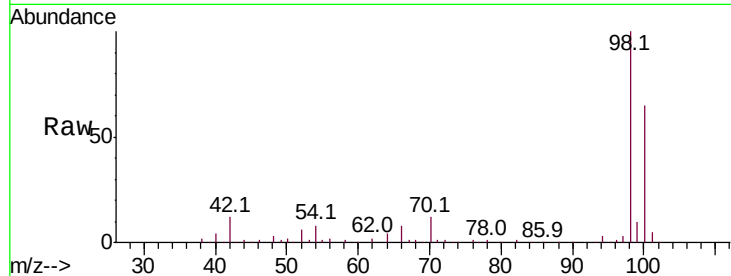
ClientSampleId :

Tot Ion: 98 Resp: 109822

Ion Ratio Lower Upper

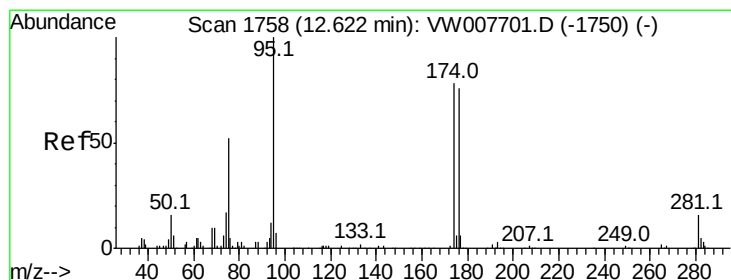
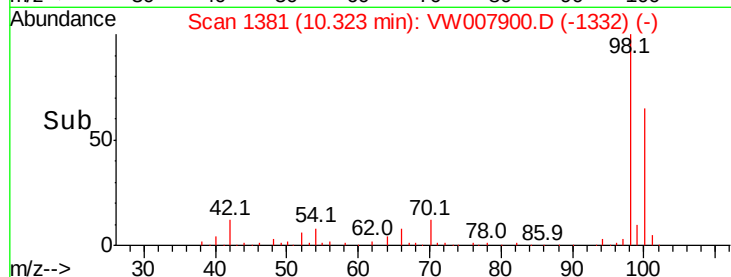
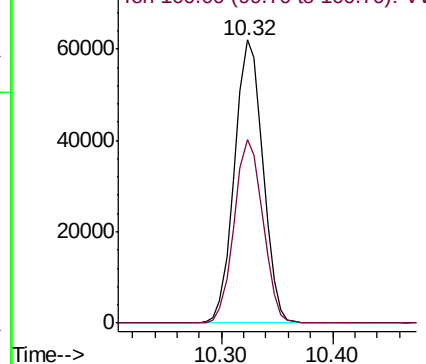
98 100

100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 37.398 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007900.D

Acq: 24 Dec 2018 20:10

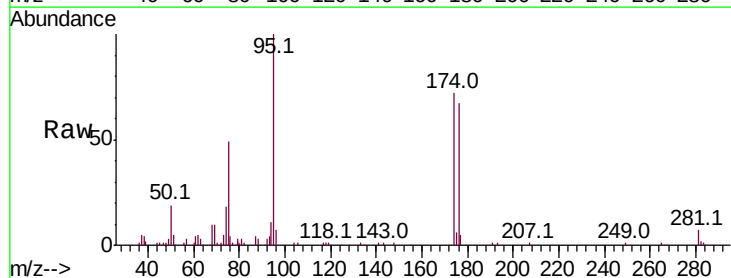
Tgt Ion: 95 Resp: 35577

Ion Ratio Lower Upper

95 100

174 72.4 0.0 152.2

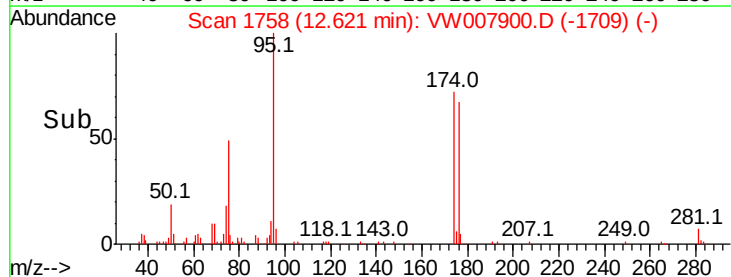
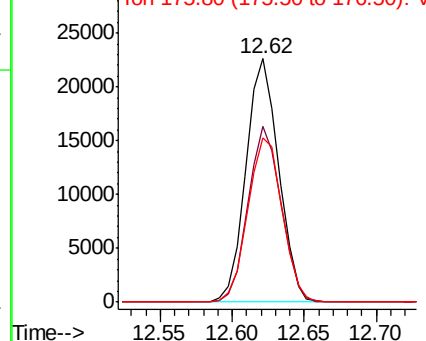
176 70.4 0.0 146.8

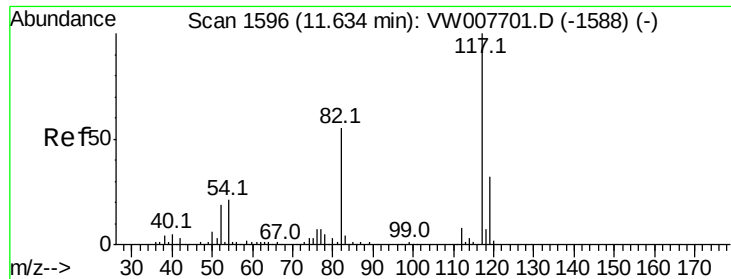


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

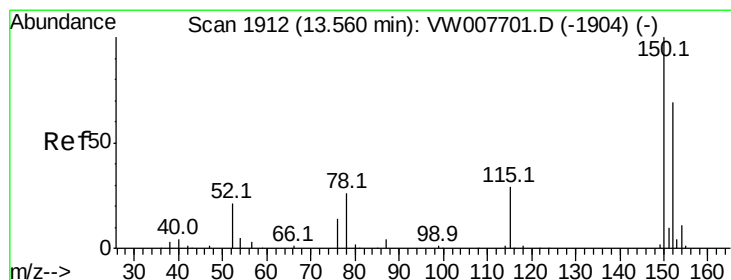
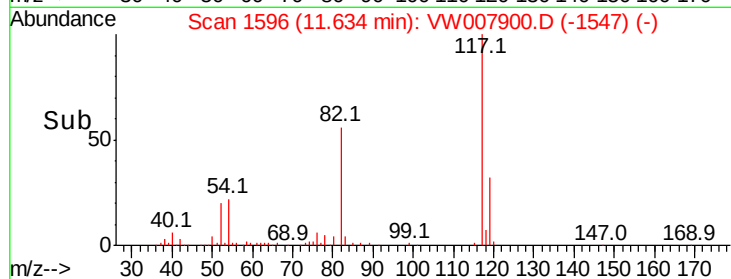
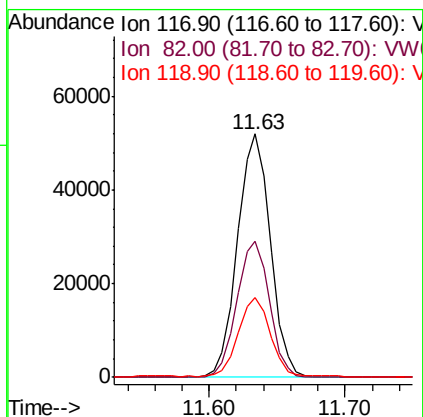
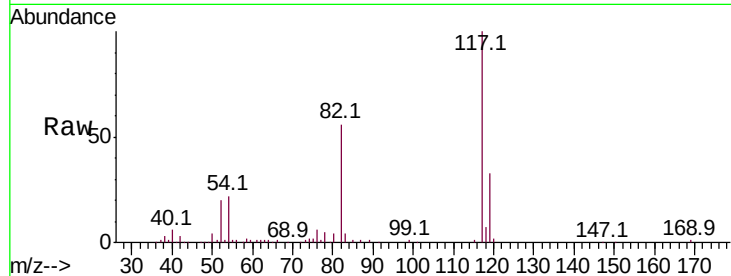




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007900.D
Acq: 24 Dec 2018 20:10

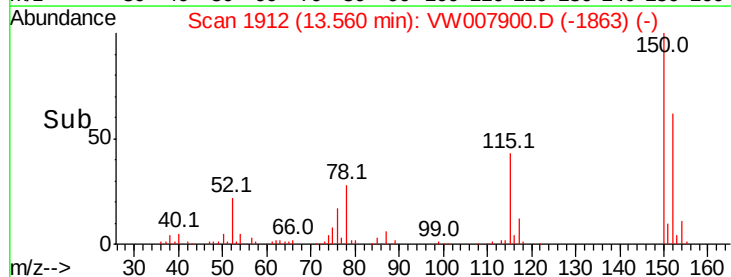
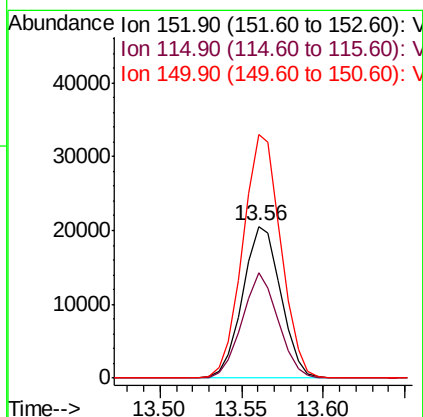
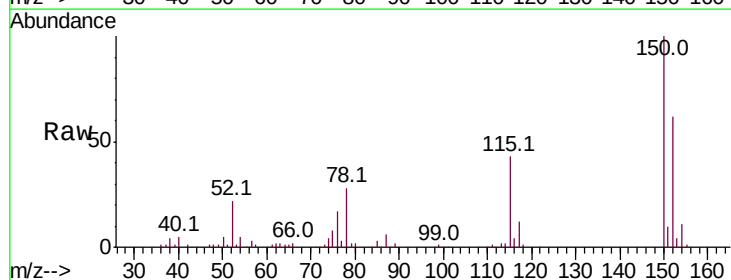
Instrument :
MSVOA_W
ClientSampleId :

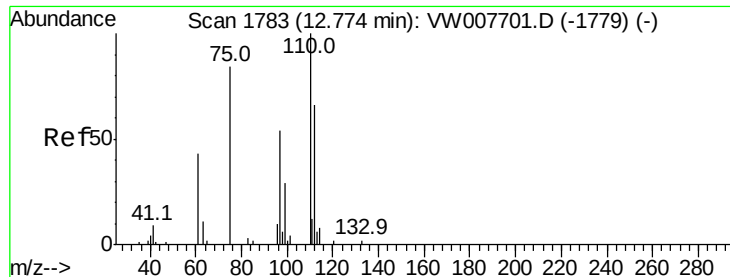
Tot Ion:117 Resp: 87446
Ion Ratio Lower Upper
117 100
82 56.0 44.3 66.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007900.D
Acq: 24 Dec 2018 20:10

Tgt Ion:152 Resp: 33530
Ion Ratio Lower Upper
152 100
115 65.6 31.8 95.4
150 159.7 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 70.687 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007900.D

Acq: 24 Dec 2018 20:10

Instrument :

MSVOA_W

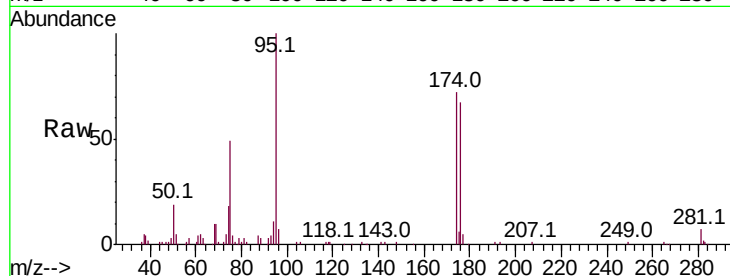
ClientSampled :

Tot Ion: 75 Resp: 18319

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12000

10000

8000

6000

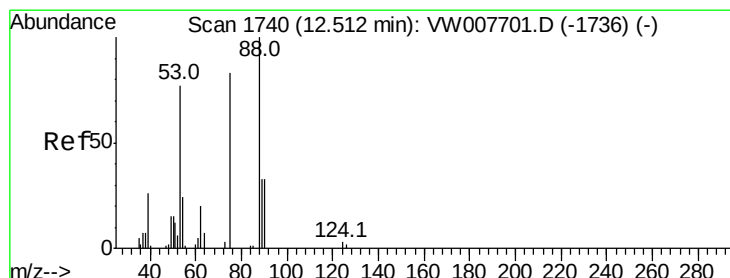
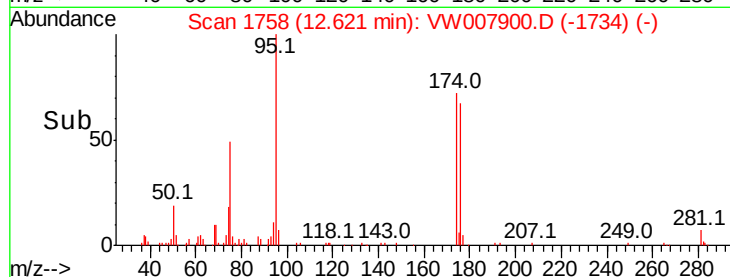
4000

2000

0

12.55 12.60 12.65

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 148.378 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007900.D

Acq: 24 Dec 2018 20:10

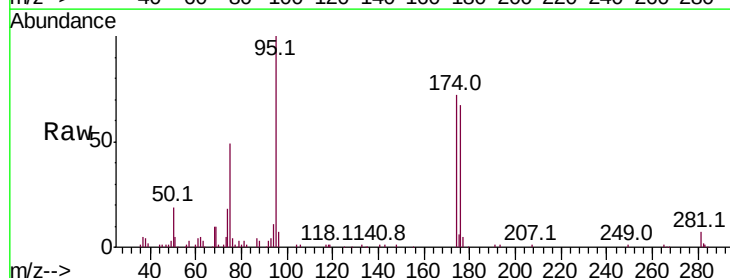
Tgt Ion: 75 Resp: 18319

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#



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

15000

10000

5000

0

12.55 12.60 12.65

Time-->

