

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007673.D
 Acq On : 18 Dec 2018 21:38
 Operator : SY/AP
 Sample : J6362-04
 Misc : 4.77G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:21:45 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	61483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	35687	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47374	69.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.90%	
35) Dibromofluoromethane	7.88	113	40544	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
50) Toluene-d8	10.32	98	109456	40.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.00%	
62) 4-Bromofluorobenzene	12.62	95	43695	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	

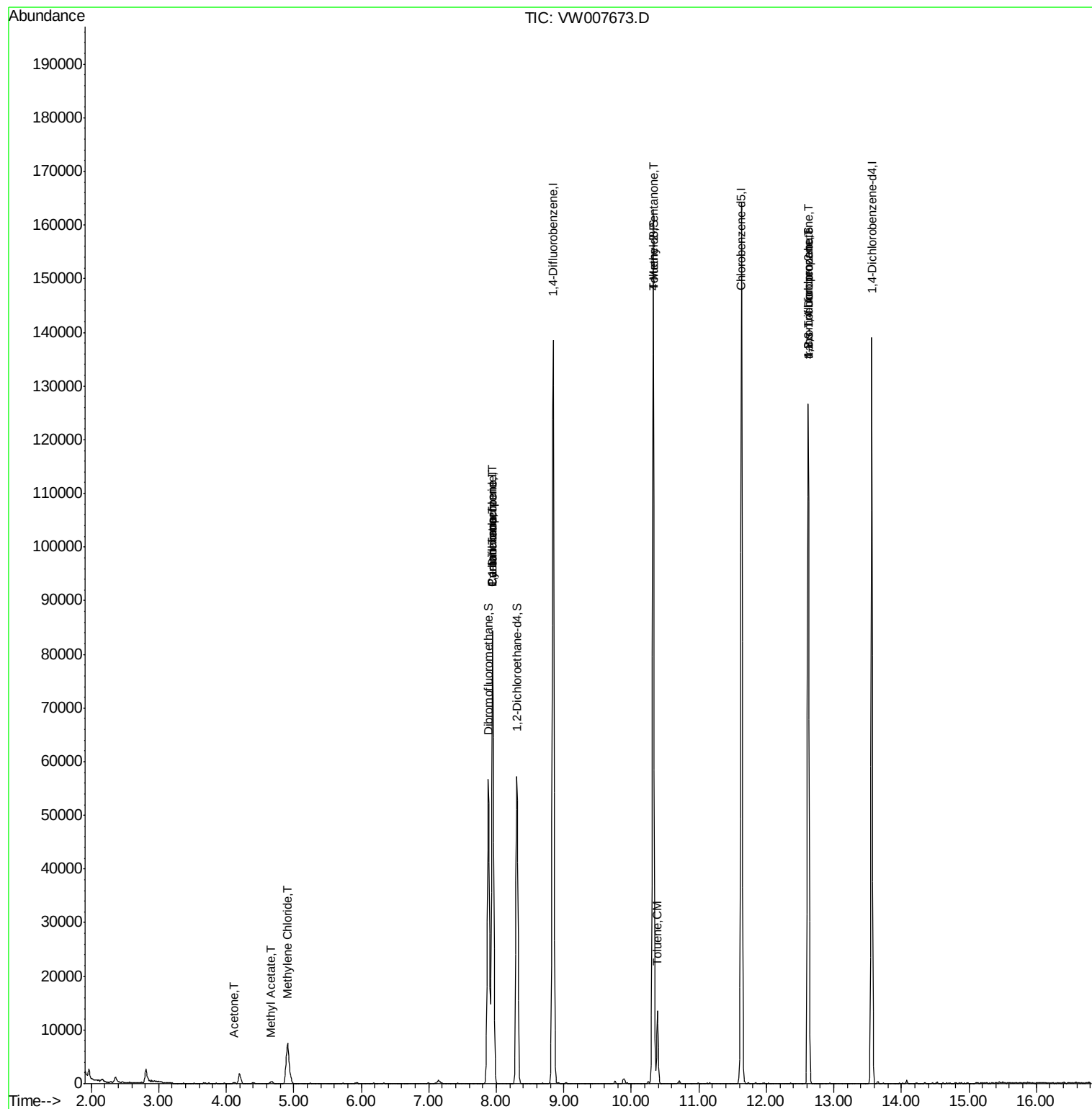
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	505	4.239	ug/l #	44
18) Methyl Acetate	4.66	43	902	2.789	ug/l #	62
20) Methylene Chloride	4.91	84	6353	6.329	ug/l	93
31) Cyclohexane	7.94	56	1147	1.082	ug/l #	9
36) 1,1-Dichloropropene	7.94	75	4519	4.160	ug/l #	51
38) Carbon Tetrachloride	7.95	117	6480	5.483	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	398	1.056	ug/l #	1
52) Toluene	10.39	92	5786	2.966	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	22996	78.151	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	22996	172.637	ug/l #	7

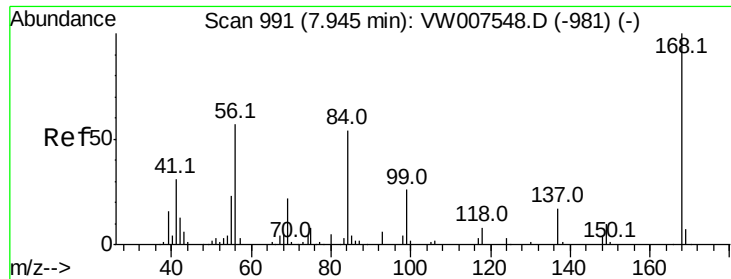
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
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: VW007673.D

Acq: 18 Dec 2018 21:38

Instrument :

MSVOA_W

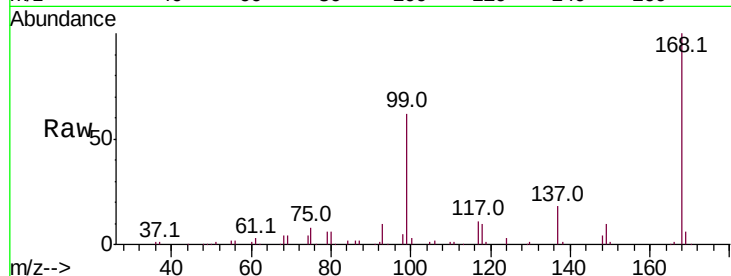
ClientSampleId :

Tot Ion:168 Resp: 61483

Ion Ratio Lower Upper

168 100

99 62.1 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

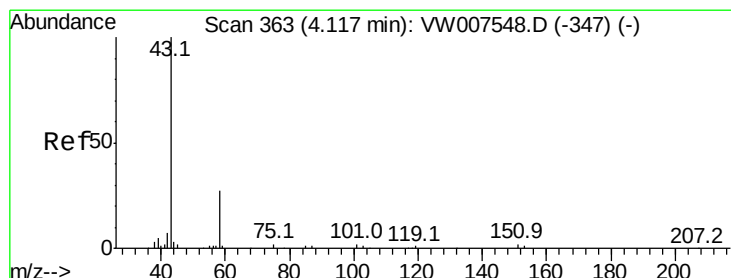
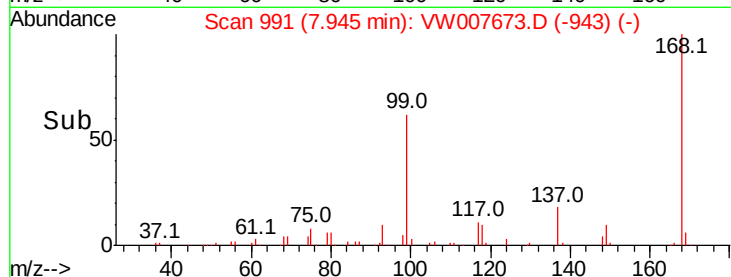
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 4.239 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007673.D

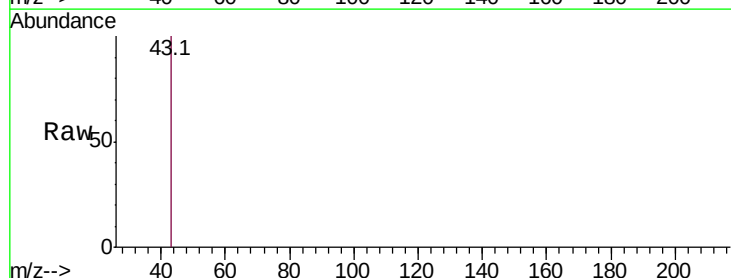
Acq: 18 Dec 2018 21:38

Tgt Ion: 43 Resp: 505

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

4.12

300

250

200

150

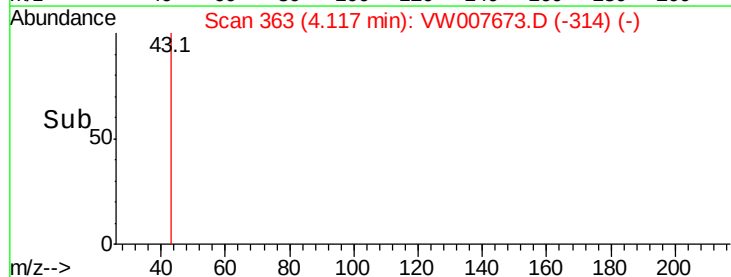
100

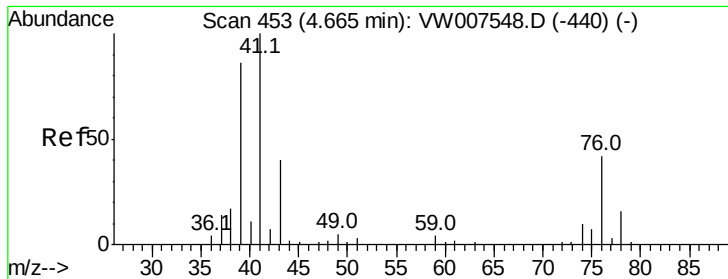
50

0

Time-->

4.05 4.10 4.15

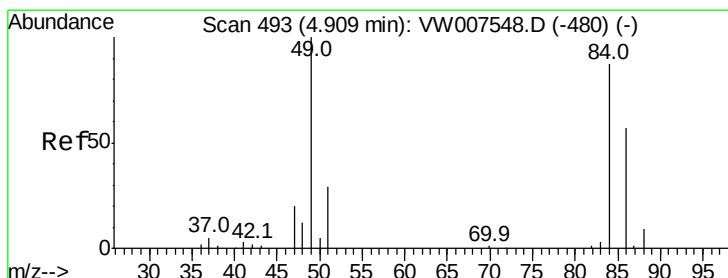
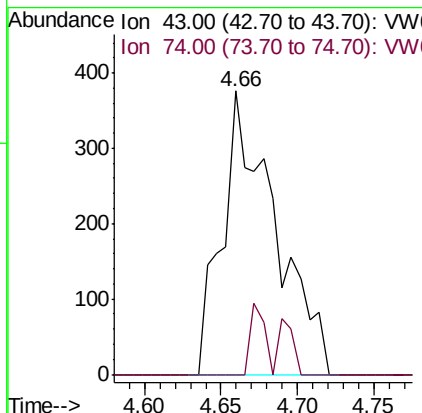
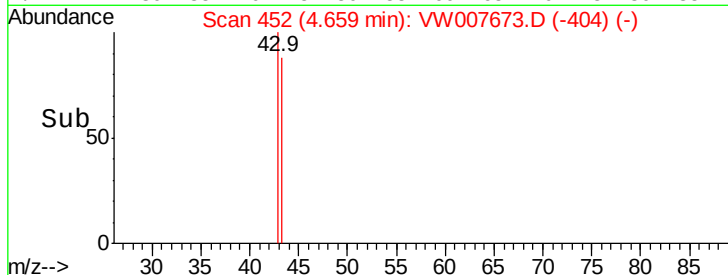
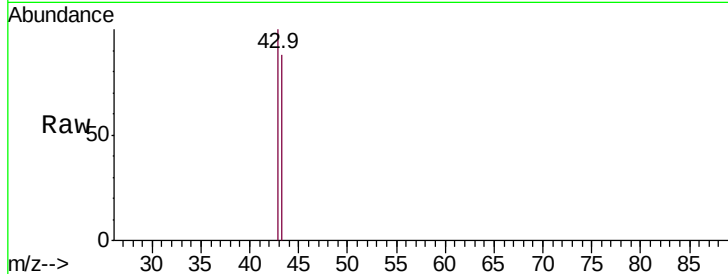




#18
Methyl Acetate
Concen: 2.789 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW007673.D
Acq: 18 Dec 2018 21:38

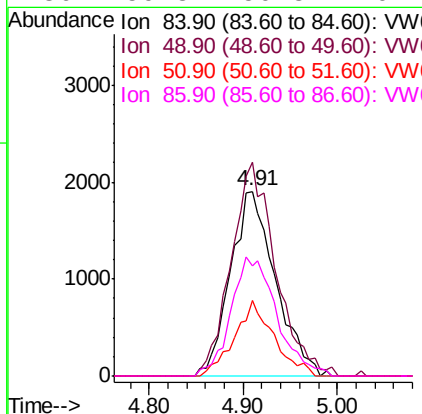
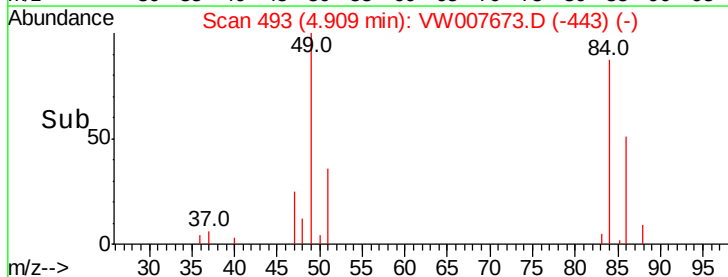
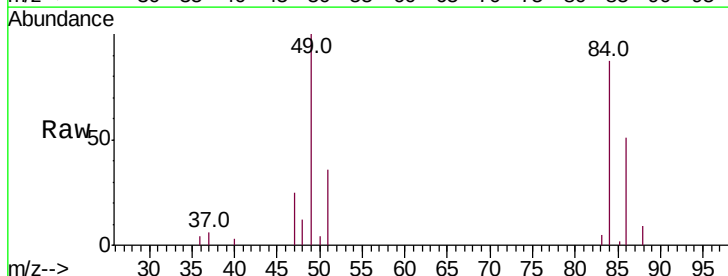
Instrument :
MSVOA_W
ClientSampleId :

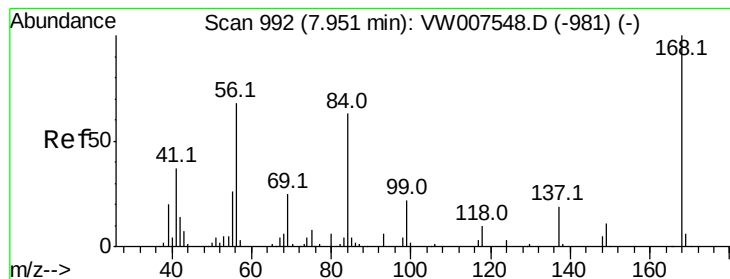
Tot Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
74 6.7 21.1 31.7#



#20
Methylene Chloride
Concen: 6.329 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007673.D
Acq: 18 Dec 2018 21:38

Tgt Ion: 84 Resp: 6353
Ion Ratio Lower Upper
84 100
49 115.6 87.1 130.7
51 41.2 28.2 42.2
86 59.3 50.8 76.2





#31

Cyclohexane

Concen: 1.082 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007673.D

Acq: 18 Dec 2018 21:38

Instrument :

MSVOA_W

ClientSampled :

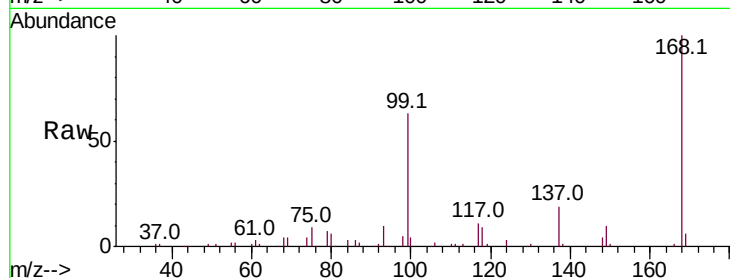
Tot Ion: 56 Resp: 1147

Ion Ratio Lower Upper

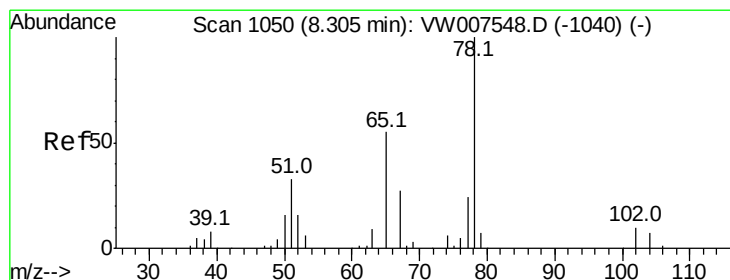
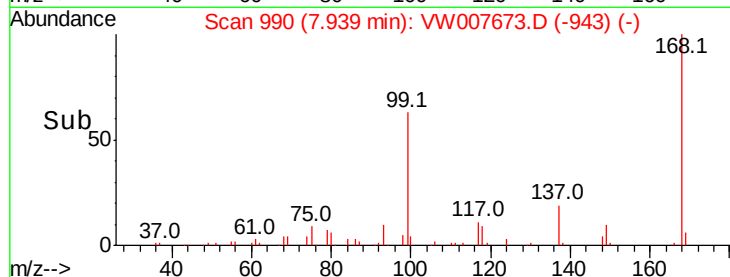
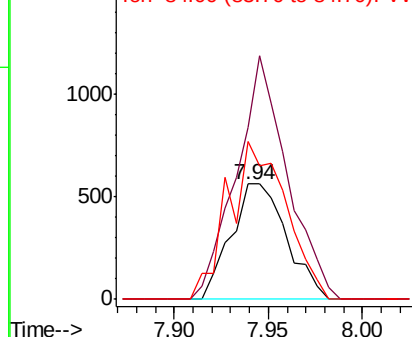
56 100

69 148.9 28.9 43.3#

84 136.8 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: 69.453 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007673.D

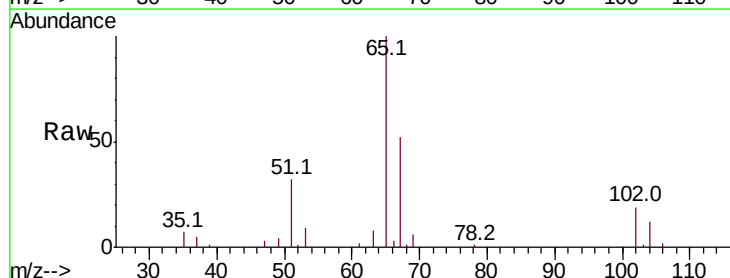
Acq: 18 Dec 2018 21:38

Tgt Ion: 65 Resp: 47374

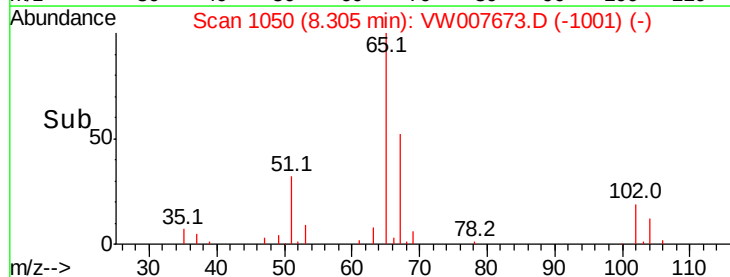
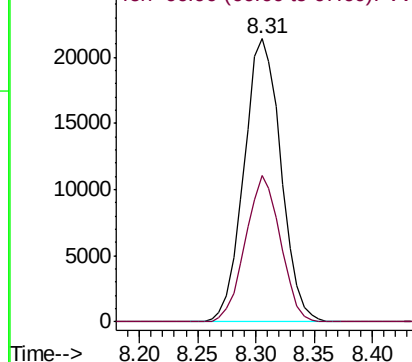
Ion Ratio Lower Upper

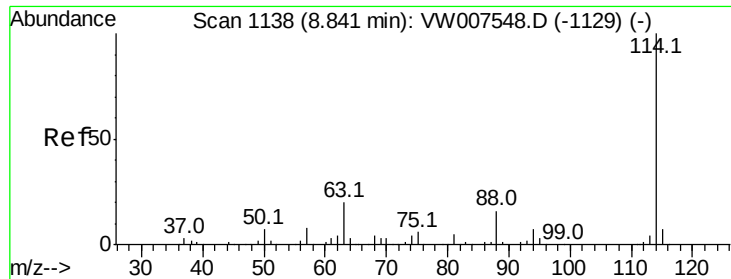
65 100

67 49.3 0.0 101.6



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

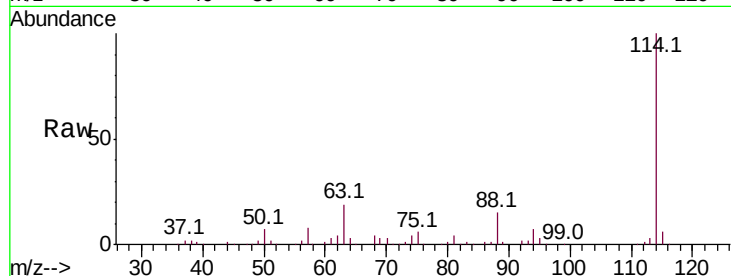




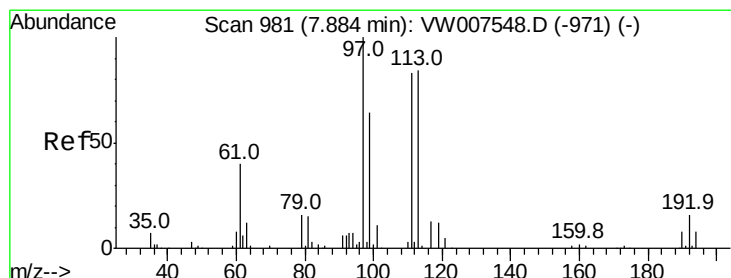
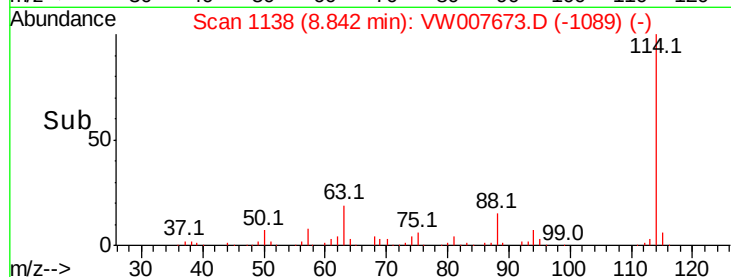
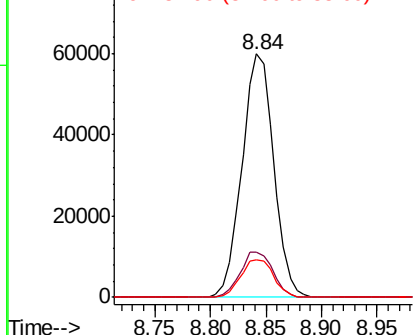
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007673.D
 Acq: 18 Dec 2018 21:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 119071
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.6
 88 15.5 0.0 31.4

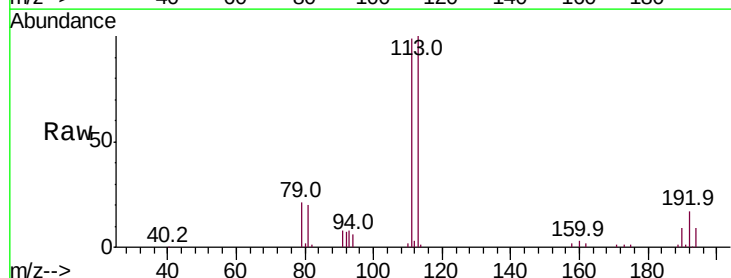


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

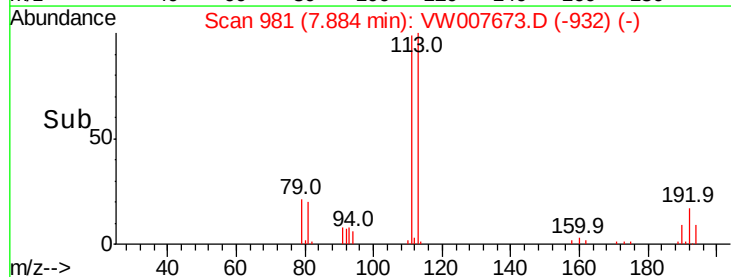
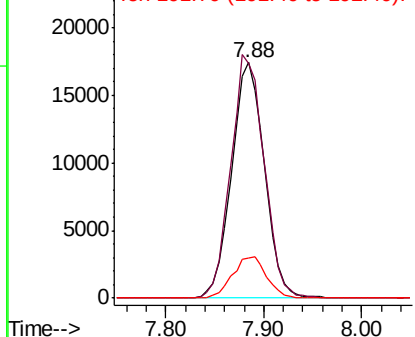


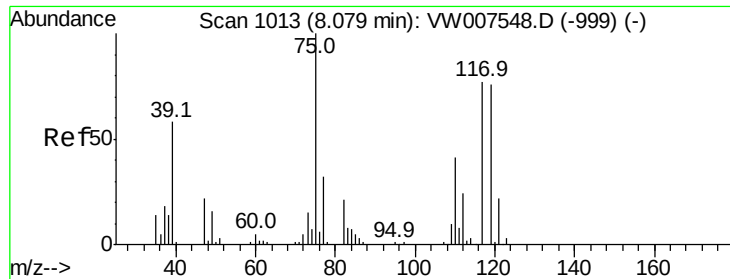
#35
 Dibromofluoromethane
 Concen: 56.250 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007673.D
 Acq: 18 Dec 2018 21:38

Tgt Ion:113 Resp: 40544
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.1 121.7
 192 18.1 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

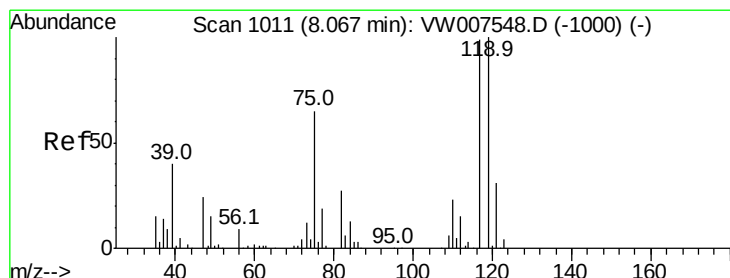
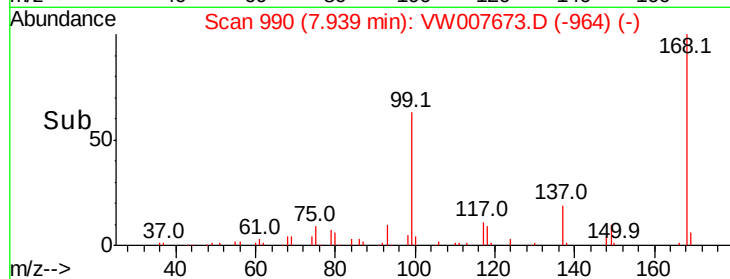
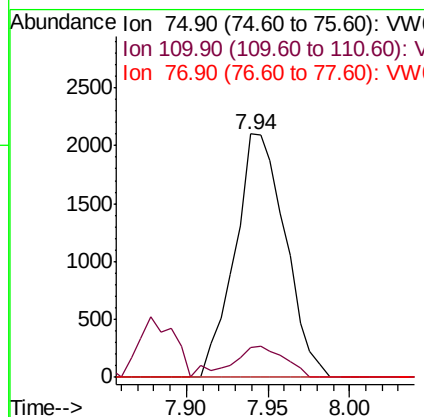
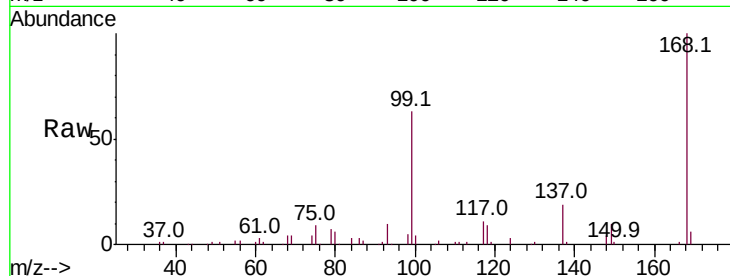




#36
 1,1-Dichloropropene
 Concen: 4.160 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW007673.D
 Acq: 18 Dec 2018 21:38

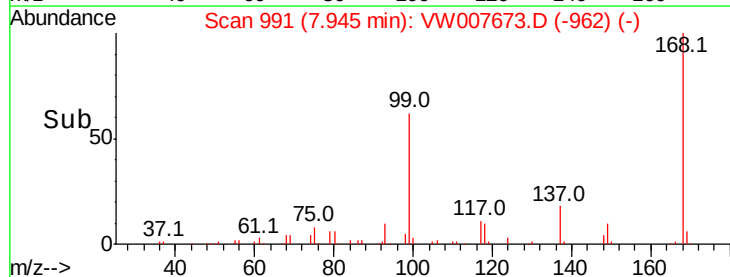
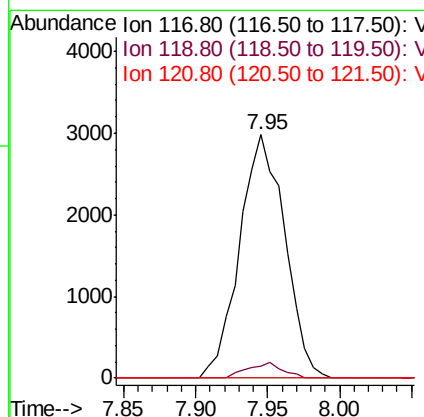
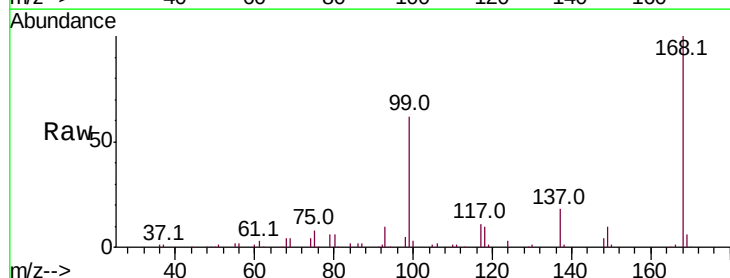
Instrument :
 MSVOA_W
 ClientSampled :

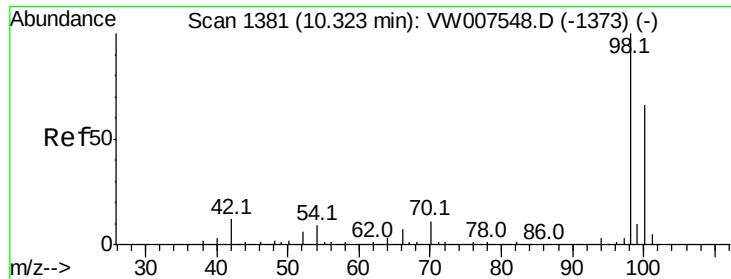
Tot Ion: 75 Resp: 4519
 Ion Ratio Lower Upper
 75 100
 110 12.2 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 5.483 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007673.D
 Acq: 18 Dec 2018 21:38

Tgt Ion: 117 Resp: 6480
 Ion Ratio Lower Upper
 117 100
 119 4.8 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 40.501 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007673.D

Acq: 18 Dec 2018 21:38

Instrument :

MSVOA_W

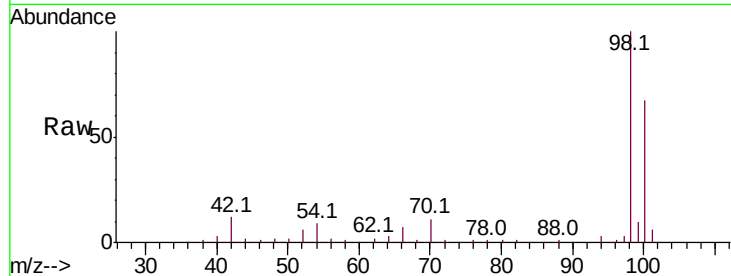
ClientSampleId :

Tot Ion: 98 Resp: 109456

Ion Ratio Lower Upper

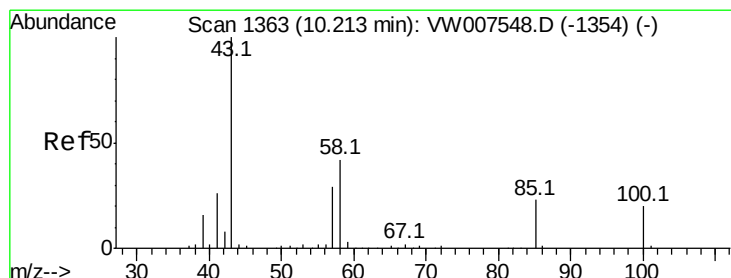
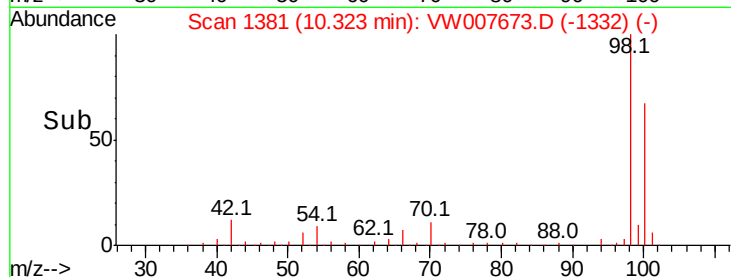
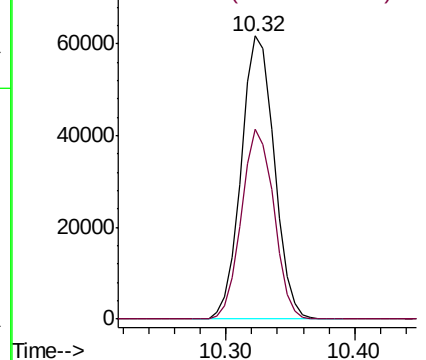
98 100

100 65.8 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: 1.056 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007673.D

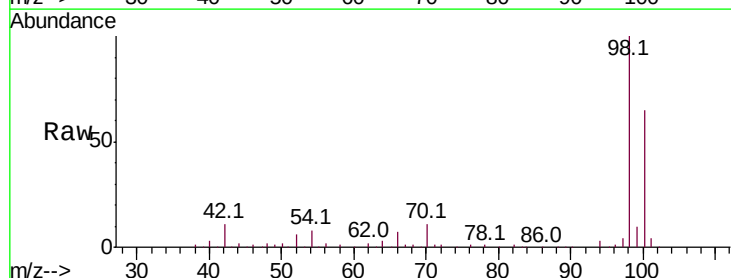
Acq: 18 Dec 2018 21:38

Tgt Ion: 43 Resp: 398

Ion Ratio Lower Upper

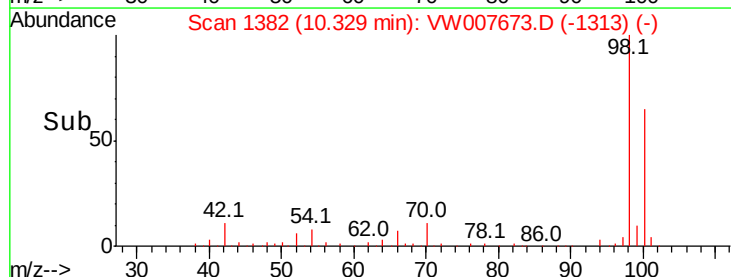
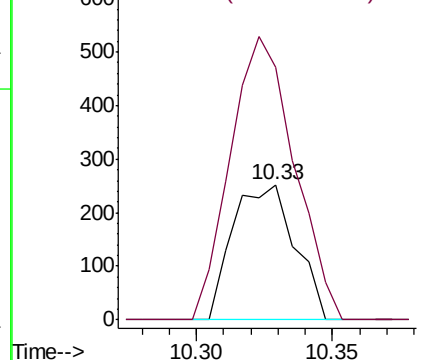
43 100

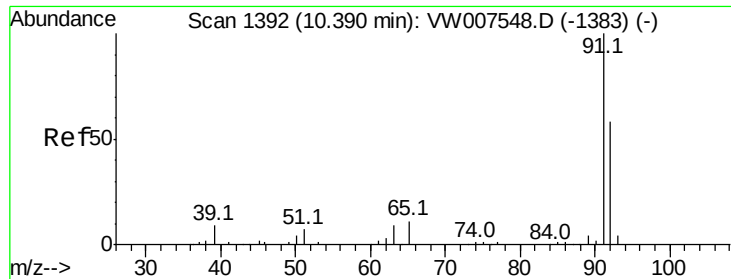
58 216.3 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 2.966 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007673.D

Acq: 18 Dec 2018 21:38

Instrument :

MSVOA_W

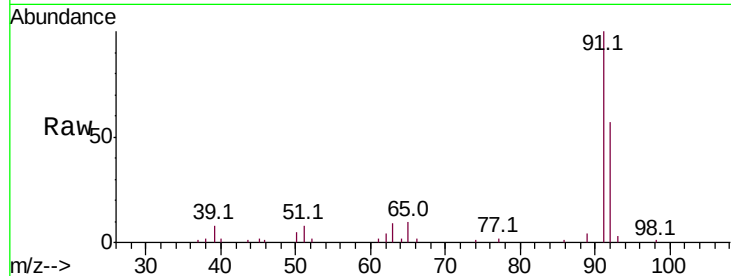
ClientSampleId :

Tot Ion: 92 Resp: 5786

Ion Ratio Lower Upper

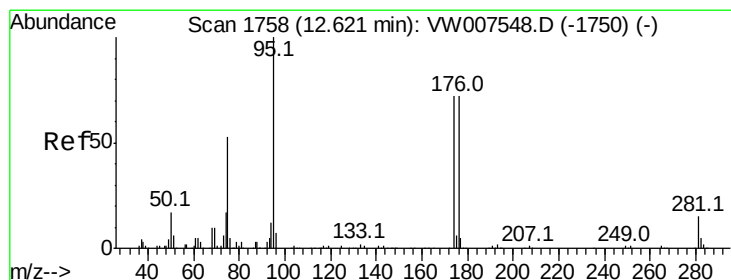
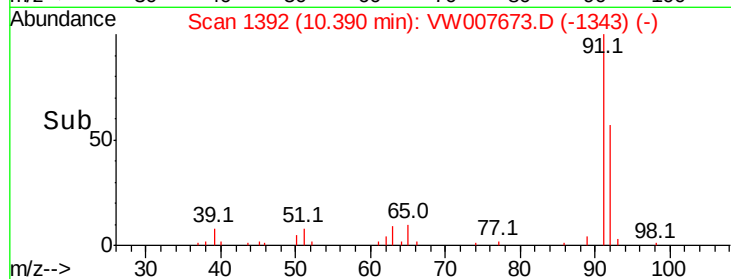
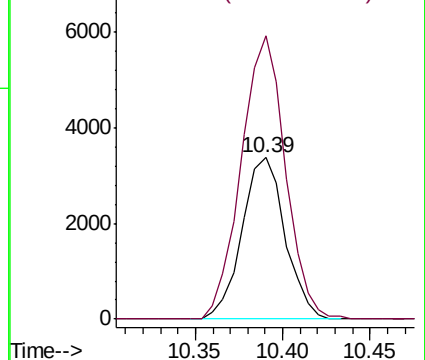
92 100

91 179.8 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 43.974 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007673.D

Acq: 18 Dec 2018 21:38

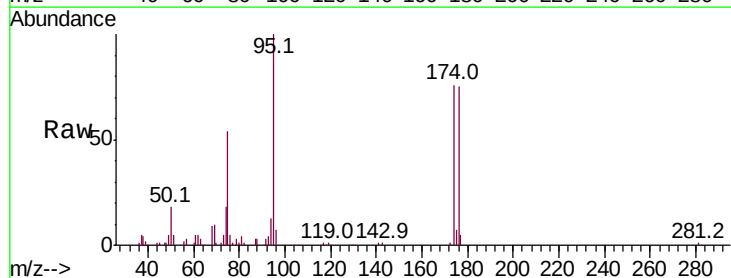
Tgt Ion: 95 Resp: 43695

Ion Ratio Lower Upper

95 100

174 76.3 0.0 147.2

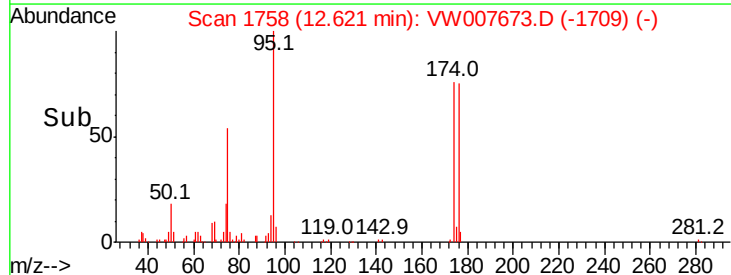
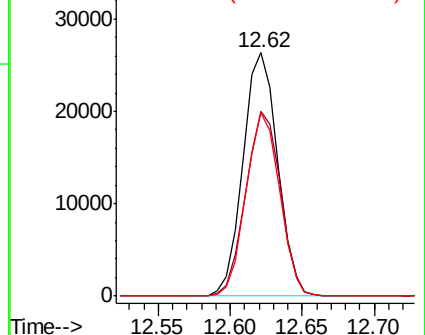
176 73.7 0.0 138.8

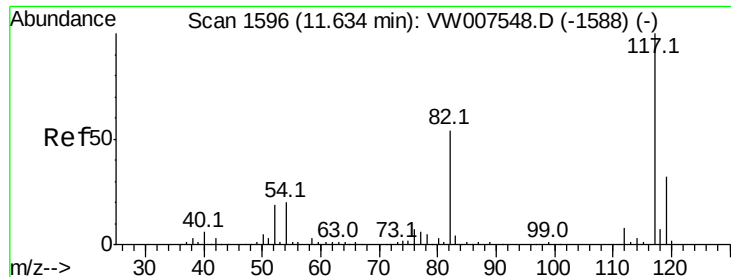


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

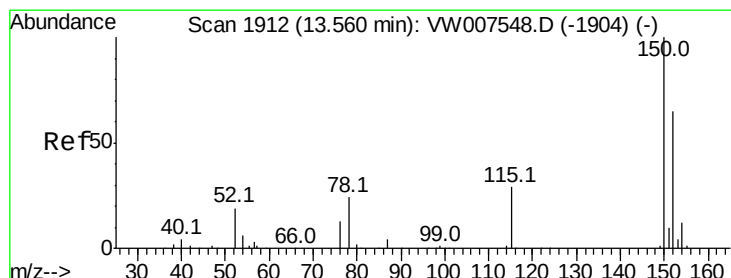
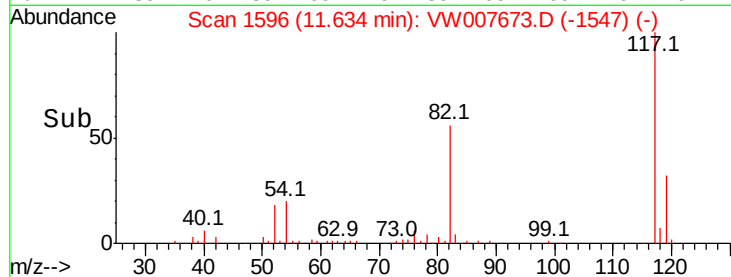
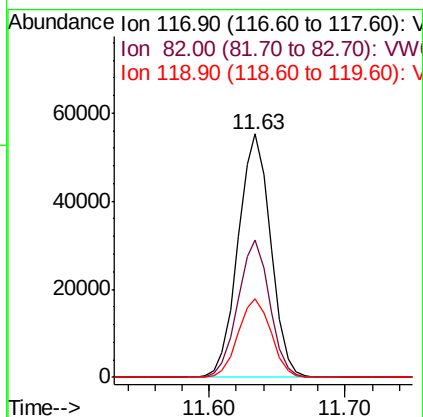
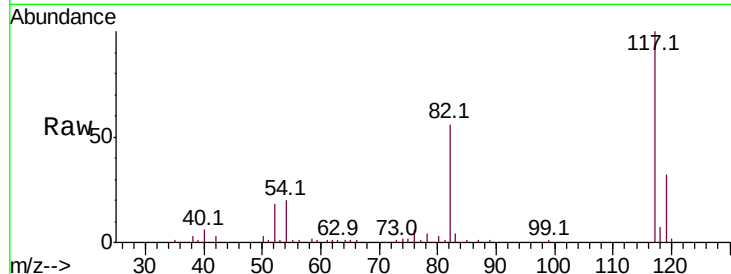




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW007673.D
 Acq: 18 Dec 2018 21:38

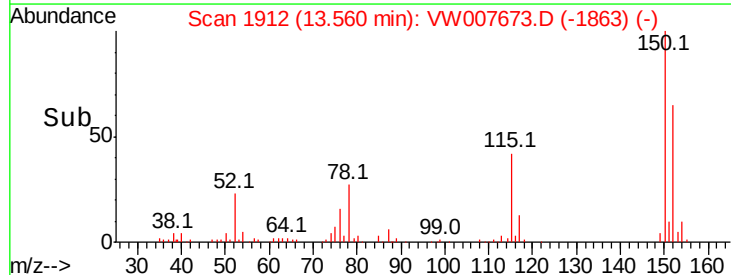
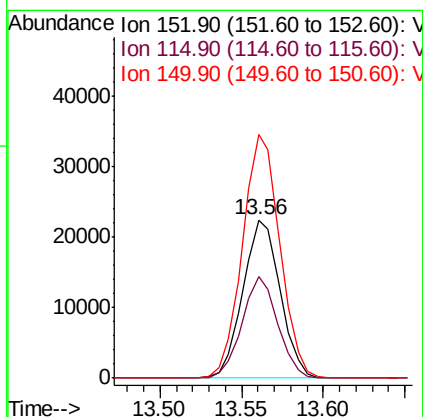
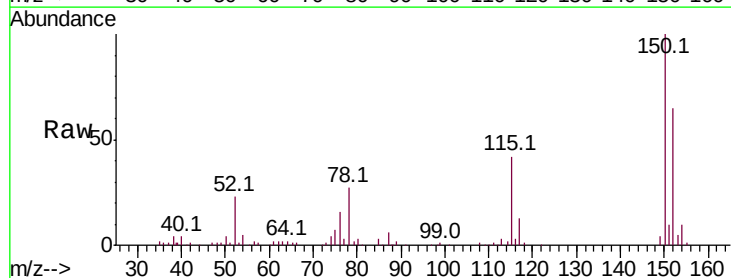
Instrument :
 MSVOA_W
 ClientSampleId :

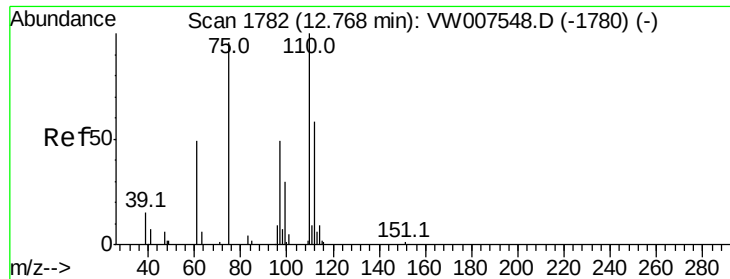
Tot Ion:117 Resp: 92161
 Ion Ratio Lower Upper
 117 100
 82 56.4 42.3 63.5
 119 32.1 23.0 34.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007673.D
 Acq: 18 Dec 2018 21:38

Tgt Ion:152 Resp: 35687
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.4 94.2
 150 154.6 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 78.151 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007673.D

Acq: 18 Dec 2018 21:38

Instrument :

MSVOA_W

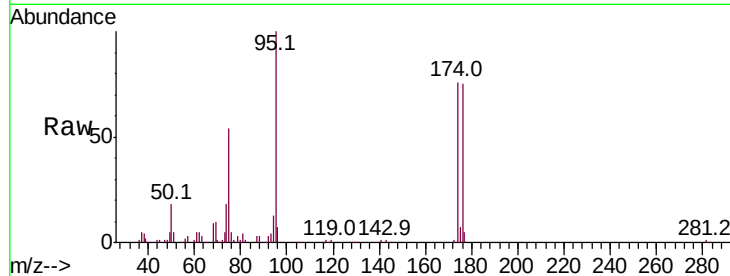
ClientSampleId :

Tot Ion: 75 Resp: 22996

Ion Ratio Lower Upper

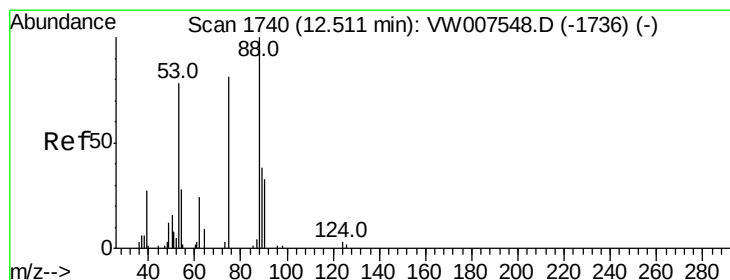
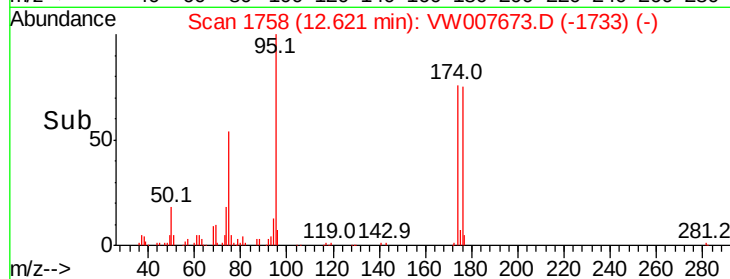
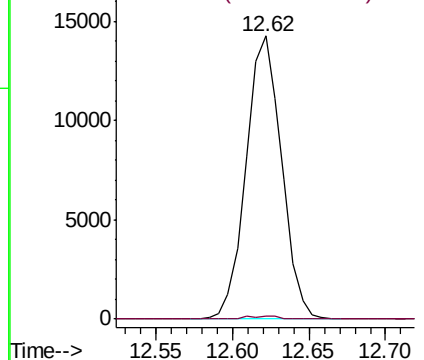
75 100

77 0.9 166.9 500.8#



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: 172.637 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007673.D

Acq: 18 Dec 2018 21:38

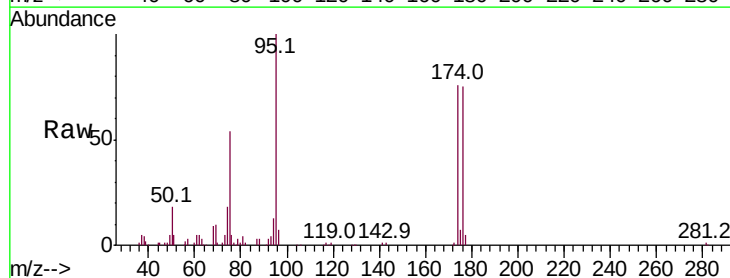
Tgt Ion: 75 Resp: 22996

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

