

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007695.D
 Acq On : 19 Dec 2018 09:17
 Operator : SY/AP
 Sample : J6386-18
 Misc : 6.90G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 10:00:56 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	51116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	87139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	60950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	28655	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	7.88	113	23856	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
50) Toluene-d8	10.32	98	66867	33.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.62%	
62) 4-Bromofluorobenzene	12.62	95	17435	23.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.96%	

Target Compounds

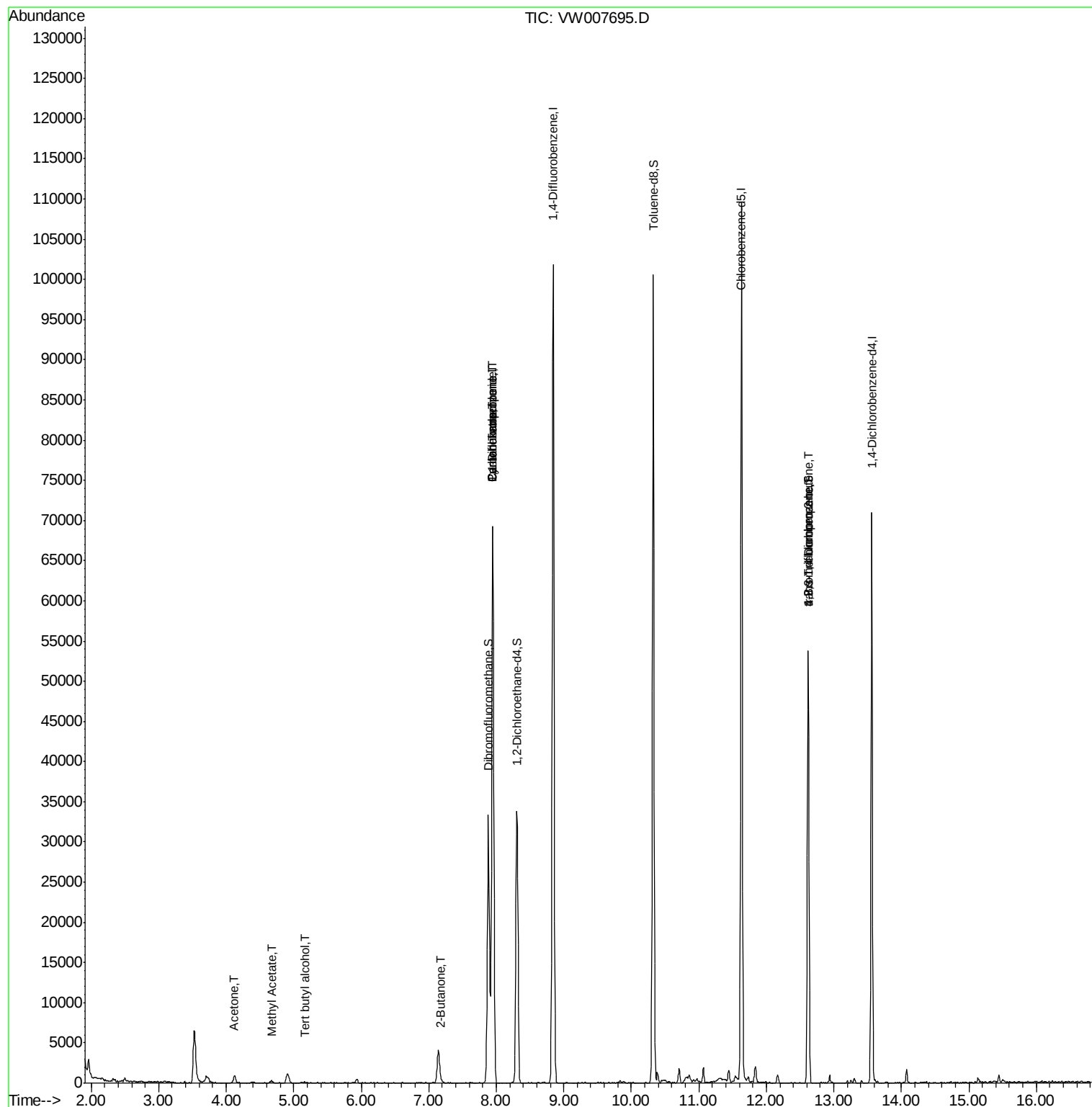
					Qvalue	
11) Tert butyl alcohol	5.17	59	203	5.212	ug/l #	74
16) Acetone	4.12	43	1747	17.637	ug/l	99
18) Methyl Acetate	4.67	43	605	2.250	ug/l #	66
20) Methylene Chloride	4.92	84	1012	Below Cal	#	72
25) 2-Butanone	7.18	43	185	1.431	ug/l #	45
31) Cyclohexane	7.95	56	1115	1.266	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	4070	5.120	ug/l #	51
38) Carbon Tetrachloride	7.95	117	5516	6.377	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	8989	58.377	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	8989	128.956	ug/l #	7

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

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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: VW007695.D

Acq: 19 Dec 2018 09:17

Instrument :

MSVOA_W

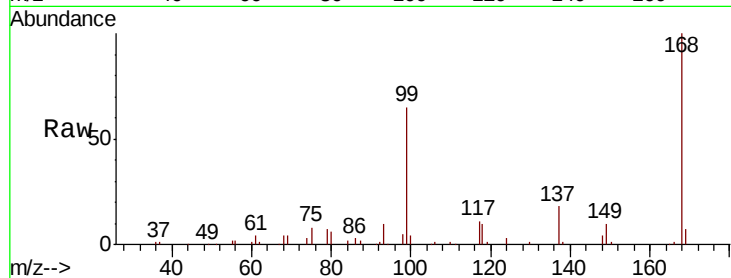
ClientSampled :

Tot Ion:168 Resp: 51116

Ion Ratio Lower Upper

168 100

99 64.7 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

25000

20000

15000

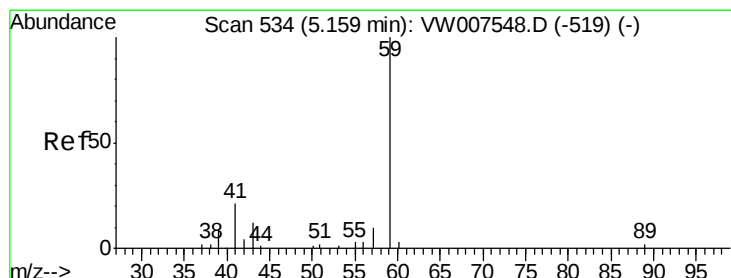
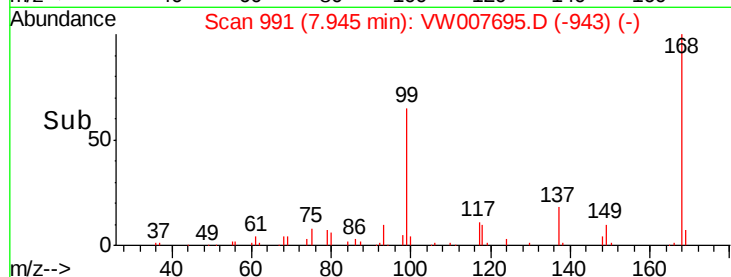
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 5.212 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW007695.D

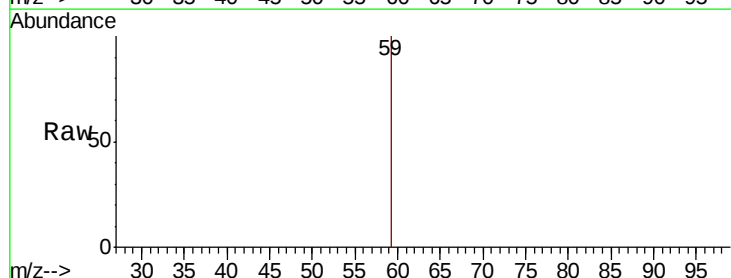
Acq: 19 Dec 2018 09:17

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

120

100

80

60

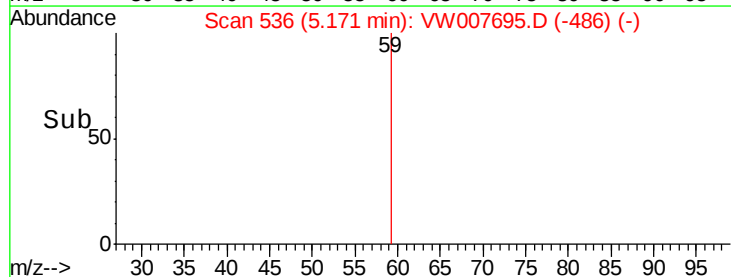
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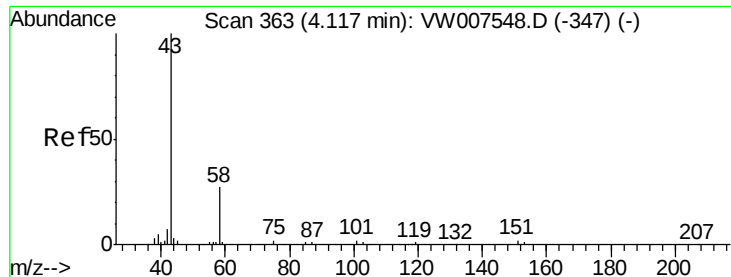
20

0

Time-->

5.15 5.20





#16

Acetone

Concen: 17.637 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007695.D

Acq: 19 Dec 2018 09:17

Instrument :

MSVOA_W

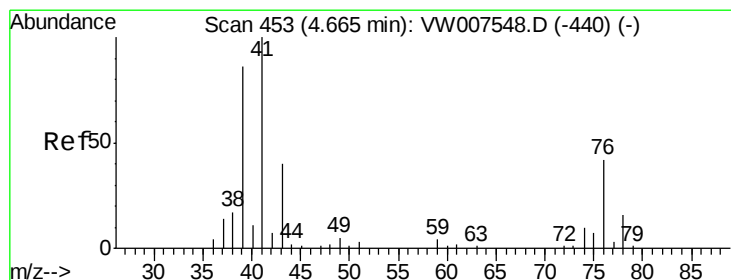
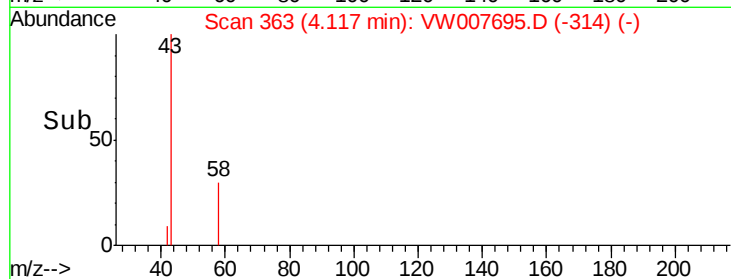
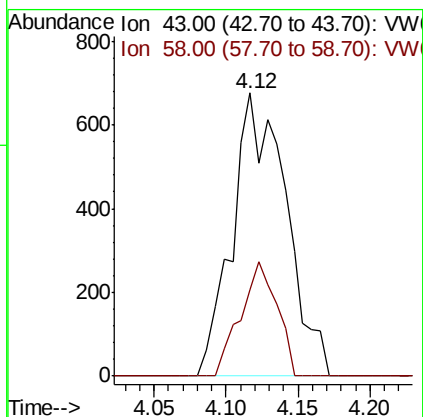
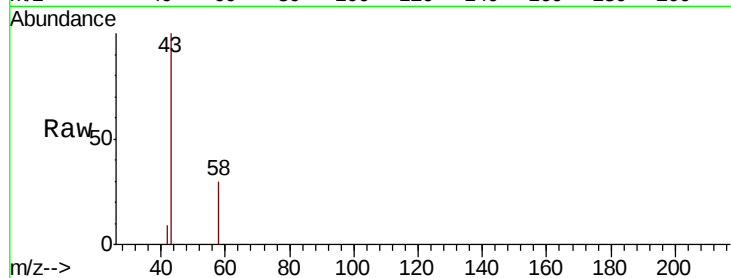
ClientSampleId :

Tot Ion: 43 Resp: 1747

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3



#18

Methyl Acetate

Concen: 2.250 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007695.D

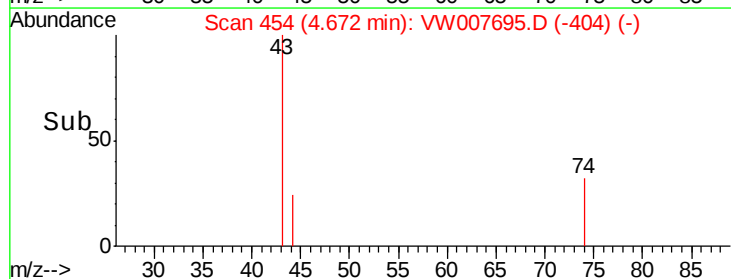
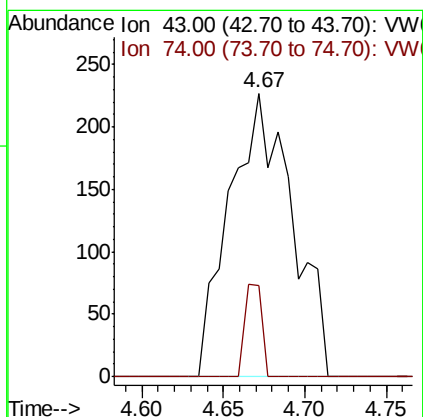
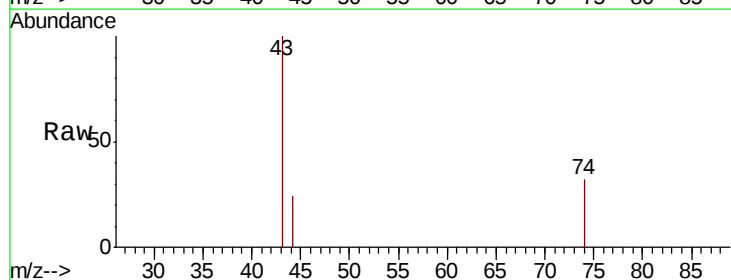
Acq: 19 Dec 2018 09:17

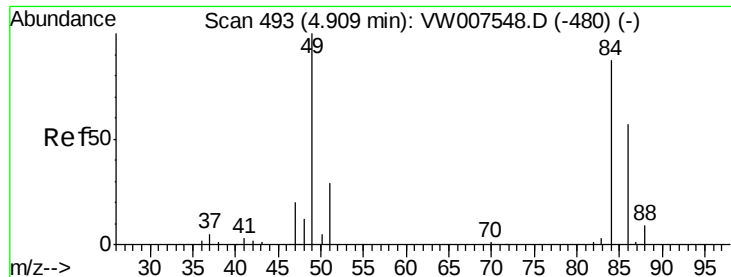
Tgt Ion: 43 Resp: 605

Ion Ratio Lower Upper

43 100

74 8.9 21.1 31.7#





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007695.D

Acq: 19 Dec 2018 09:17

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 84 Resp: 1012

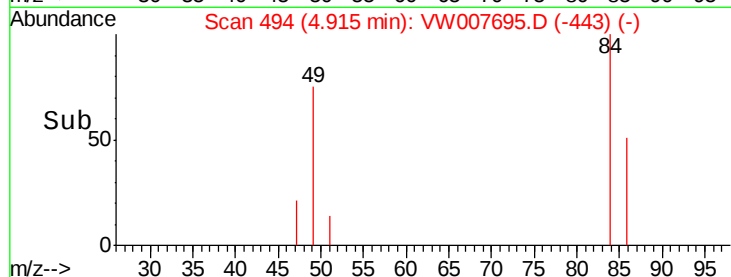
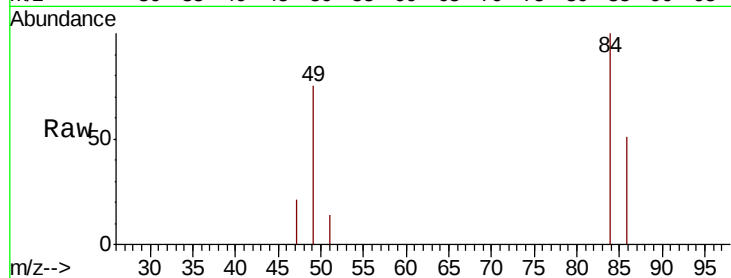
Ion Ratio Lower Upper

84 100

49 74.8 87.1 130.7#

51 13.6 28.2 42.2#

86 51.5 50.8 76.2

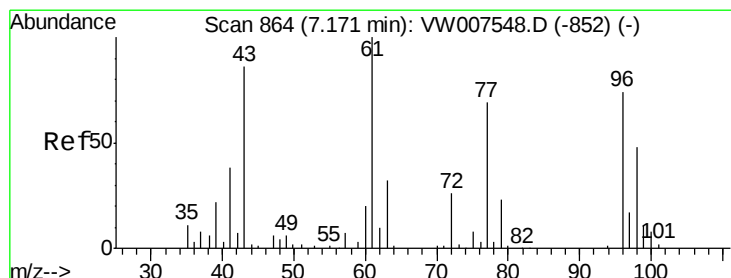
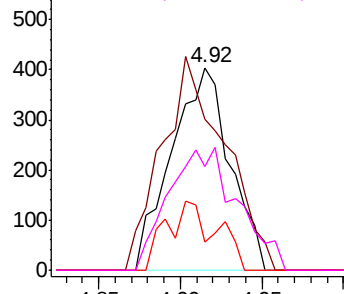


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 1.431 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007695.D

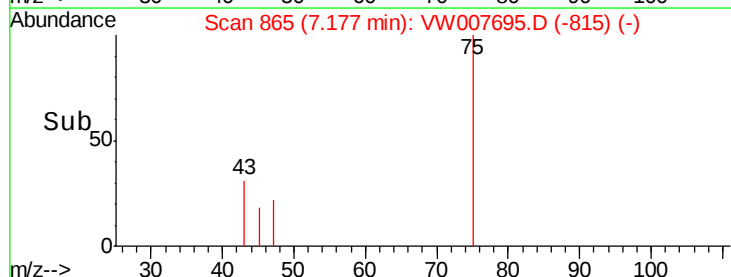
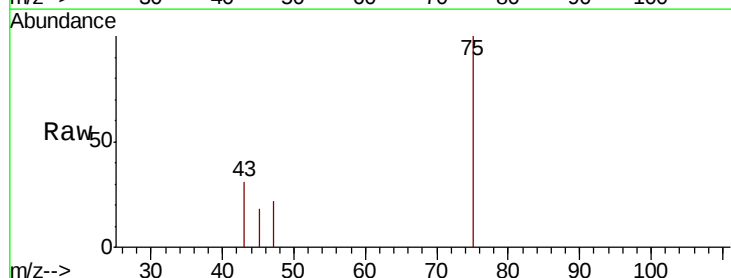
Acq: 19 Dec 2018 09:17

Tgt Ion: 43 Resp: 185

Ion Ratio Lower Upper

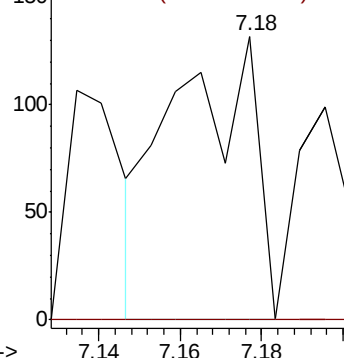
43 100

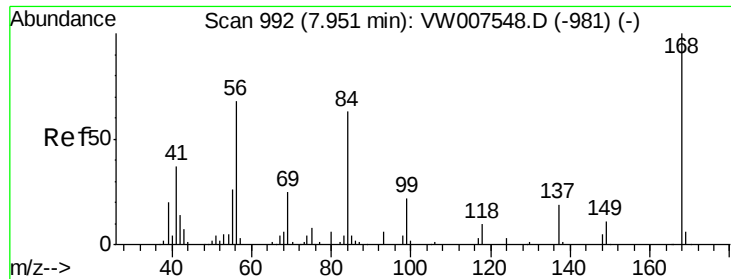
72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

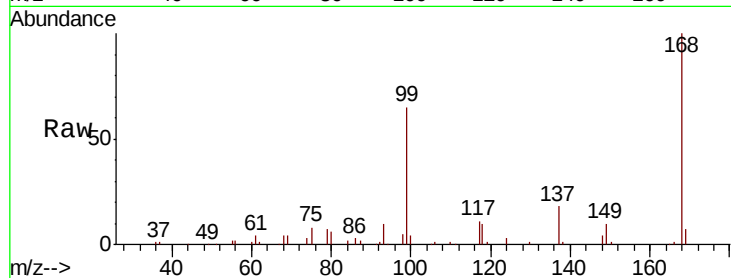




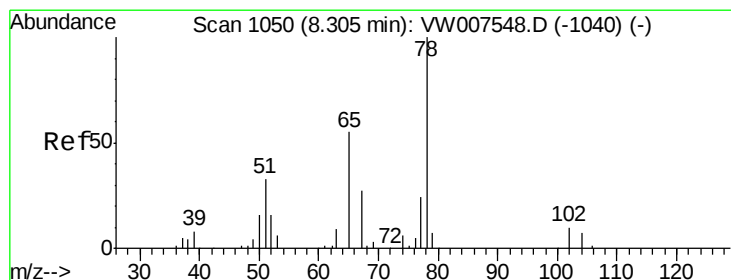
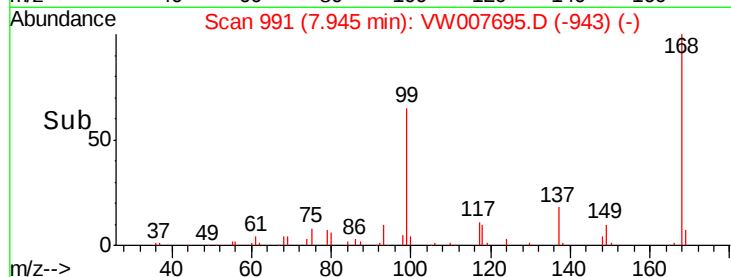
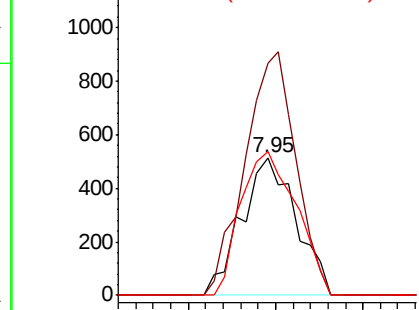
#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007695.D
Acq: 19 Dec 2018 09:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 1115
Ion Ratio Lower Upper
56 100
69 168.0 28.9 43.3#
84 104.5 71.8 107.6

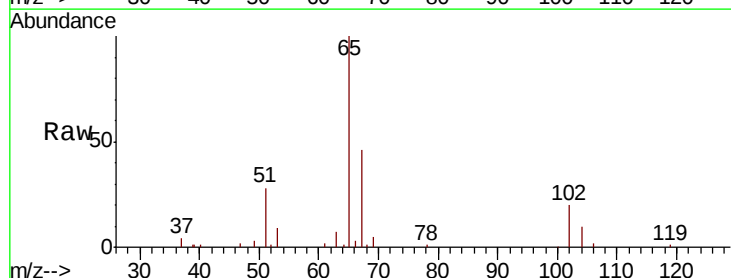


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

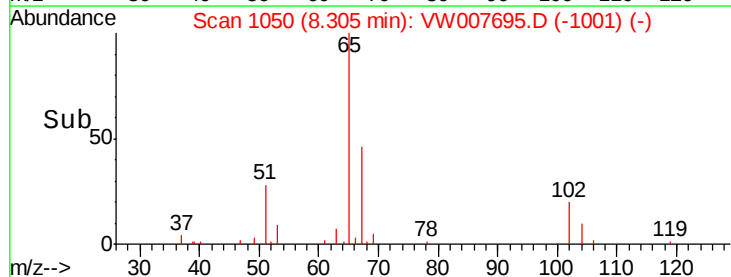
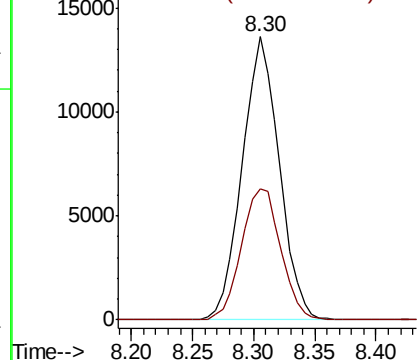


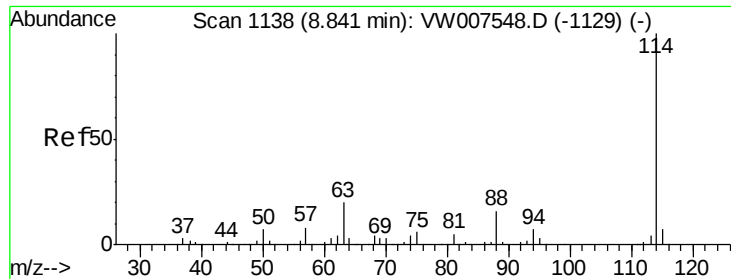
#33
1,2-Dichloroethane-d4
Concen: 50.530 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007695.D
Acq: 19 Dec 2018 09:17

Tgt Ion: 65 Resp: 28655
Ion Ratio Lower Upper
65 100
67 49.0 0.0 101.6



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

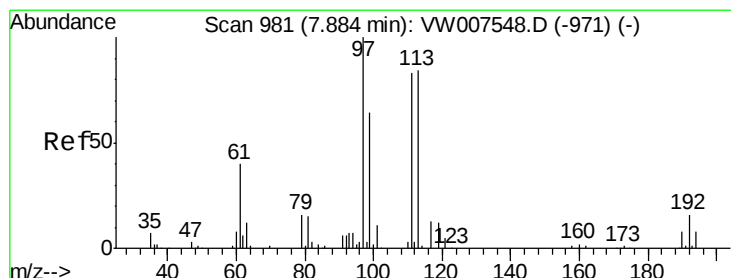
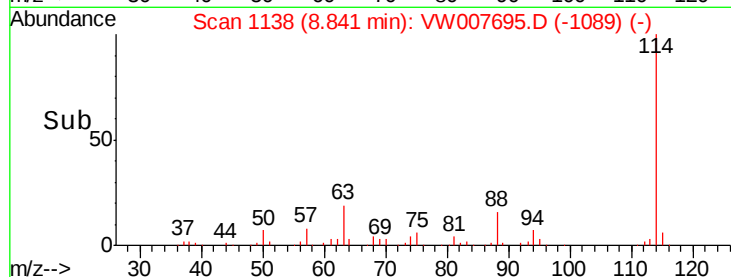
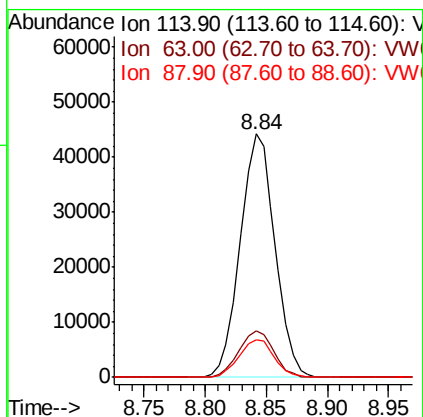
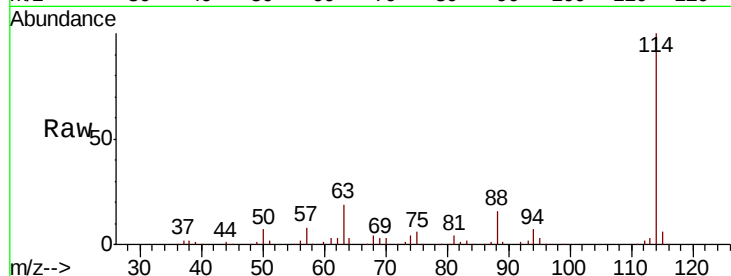




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007695.D
 Acq: 19 Dec 2018 09:17

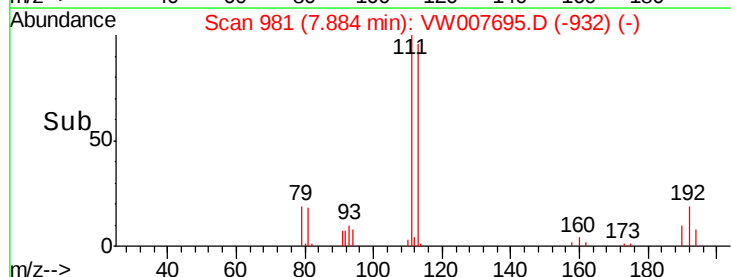
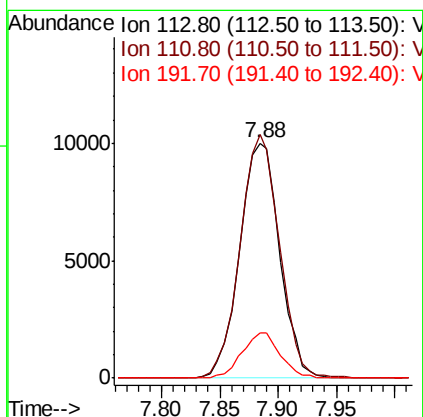
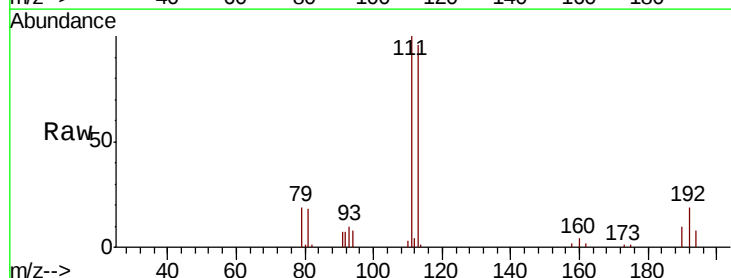
Instrument :
 MSVOA_W
 ClientSampled :

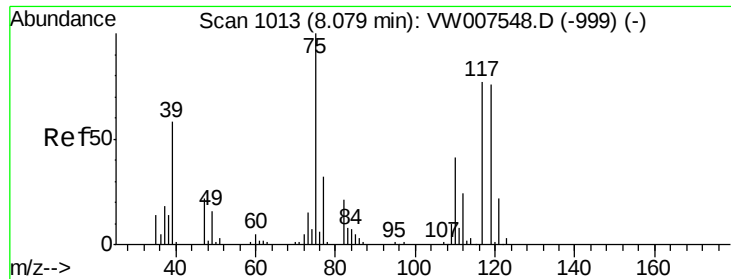
Tot Ion:114 Resp: 87139
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 15.5 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.226 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007695.D
 Acq: 19 Dec 2018 09:17

Tgt Ion:113 Resp: 23856
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.1 121.7
 192 18.4 14.6 21.8

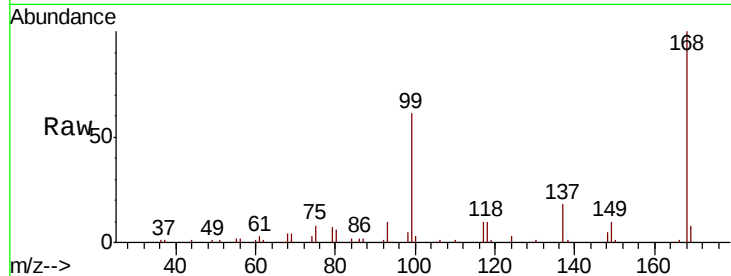




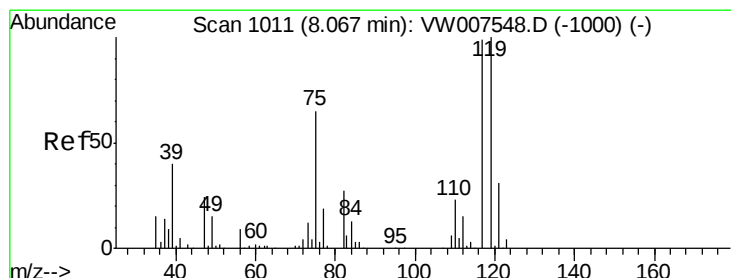
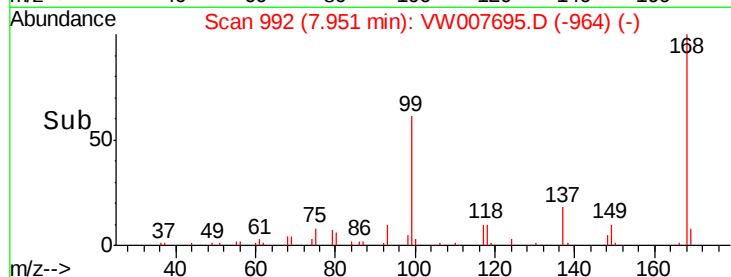
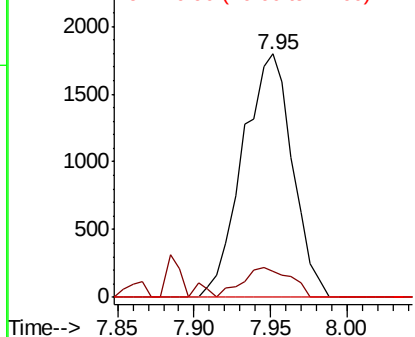
#36
 1,1-Dichloropropene
 Concen: 5.120 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007695.D
 Acq: 19 Dec 2018 09:17

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	11.7	18.5	55.5#
77	0.0	25.6	38.4#

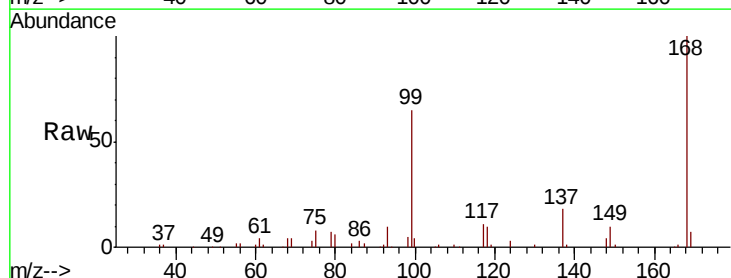


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

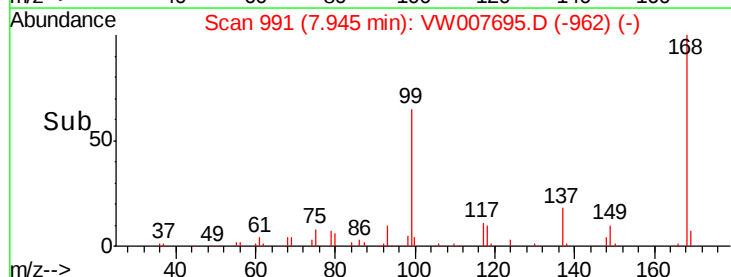
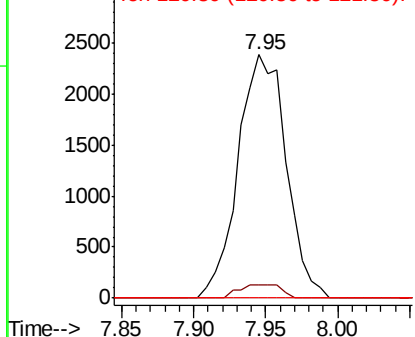


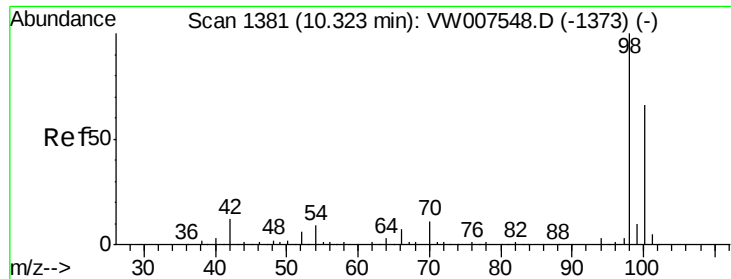
#38
 Carbon Tetrachloride
 Concen: 6.377 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007695.D
 Acq: 19 Dec 2018 09:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	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: 33.809 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007695.D

Acq: 19 Dec 2018 09:17

Instrument :

MSVOA_W

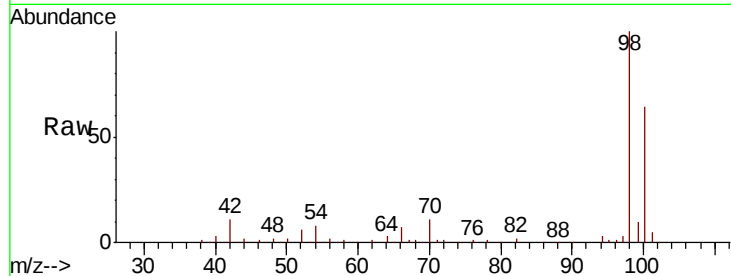
ClientSampled :

Tot Ion: 98 Resp: 66867

Ion Ratio Lower Upper

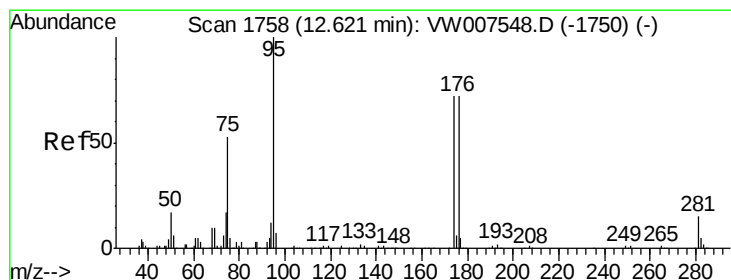
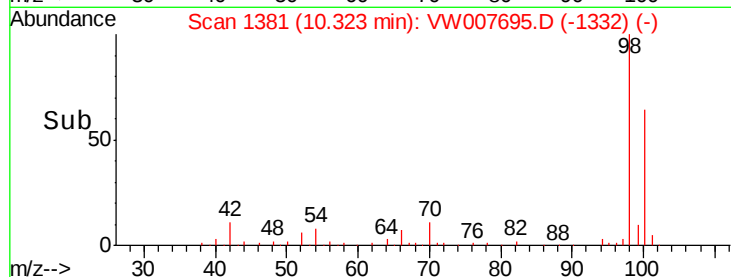
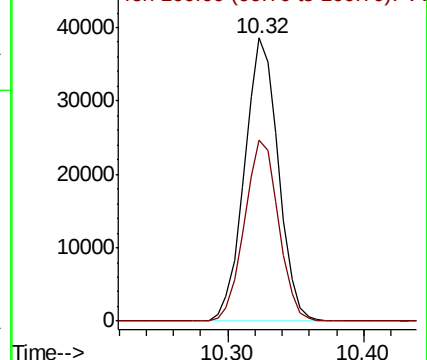
98 100

100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 23.976 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007695.D

Acq: 19 Dec 2018 09:17

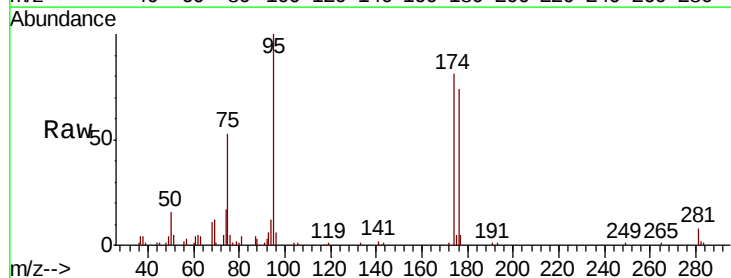
Tgt Ion: 95 Resp: 17435

Ion Ratio Lower Upper

95 100

174 77.5 0.0 147.2

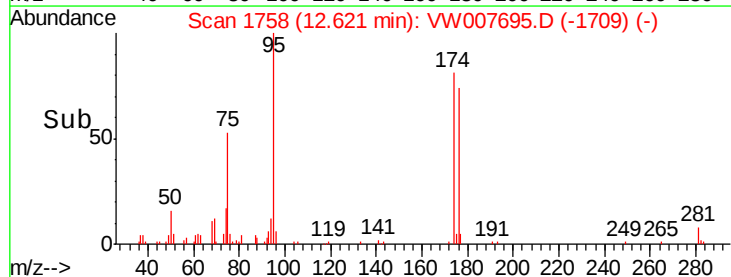
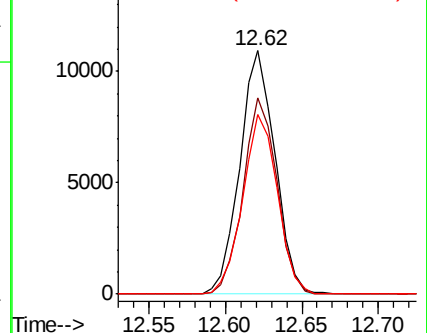
176 73.0 0.0 138.8

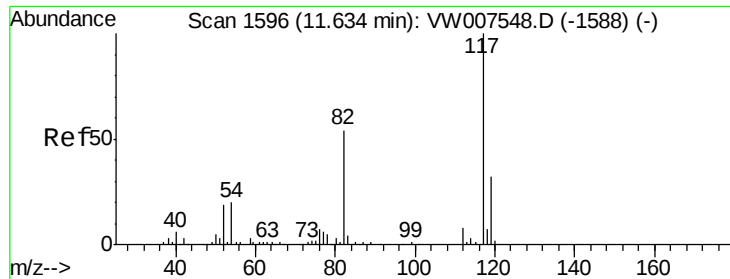


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

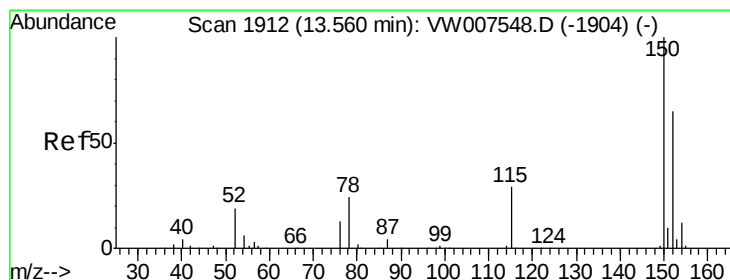
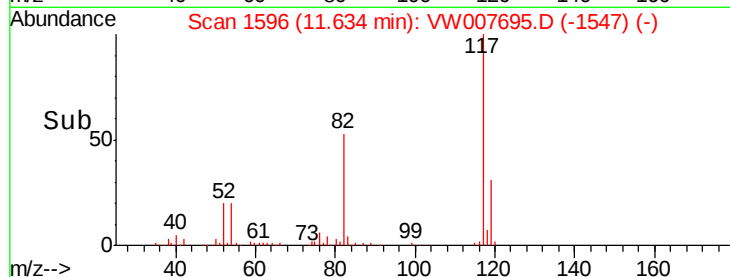
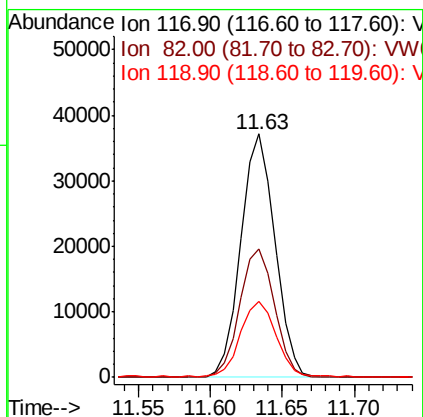
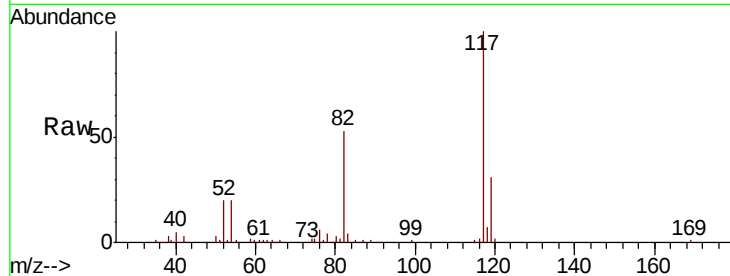




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007695.D
Acq: 19 Dec 2018 09:17

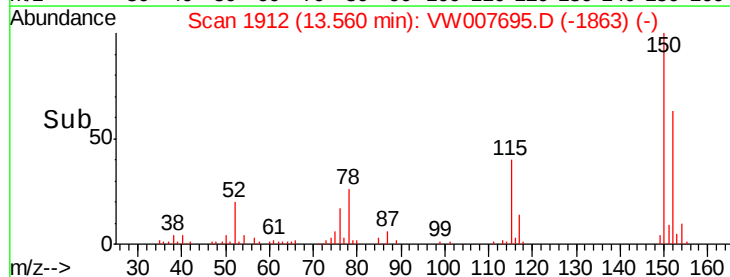
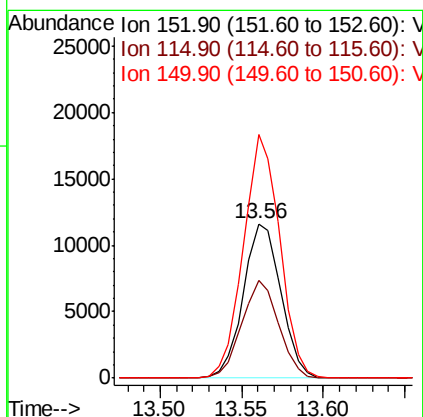
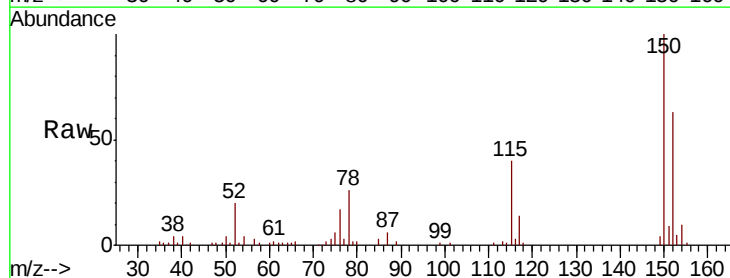
Instrument :
MSVOA_W
ClientSampled :

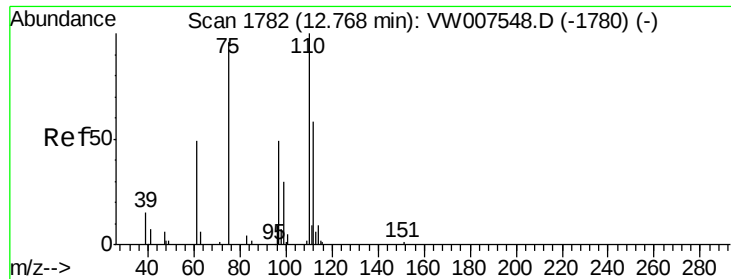
Tot Ion:117 Resp: 60950
Ion Ratio Lower Upper
117 100
82 52.9 42.3 63.5
119 30.8 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007695.D
Acq: 19 Dec 2018 09:17

Tgt Ion:152 Resp: 18675
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.2
150 152.8 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 58.377 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007695.D

Acq: 19 Dec 2018 09:17

Instrument :

MSVOA_W

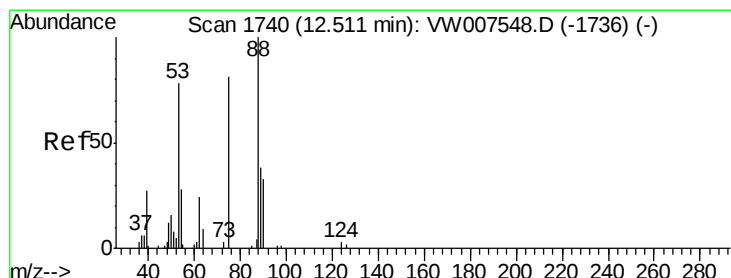
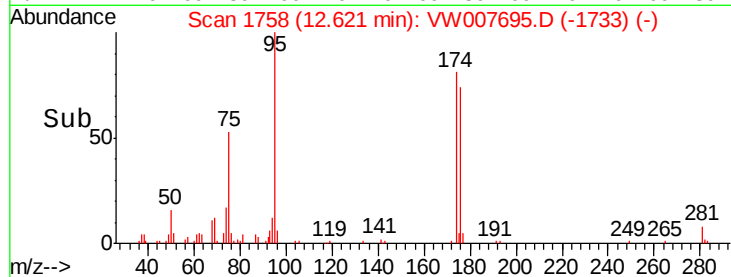
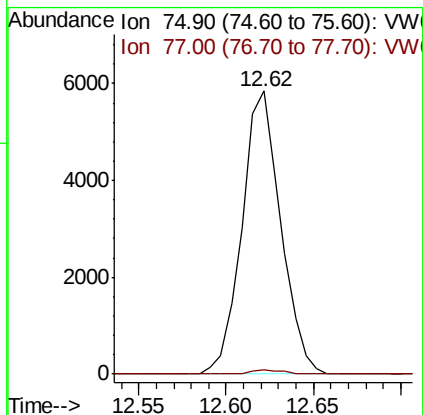
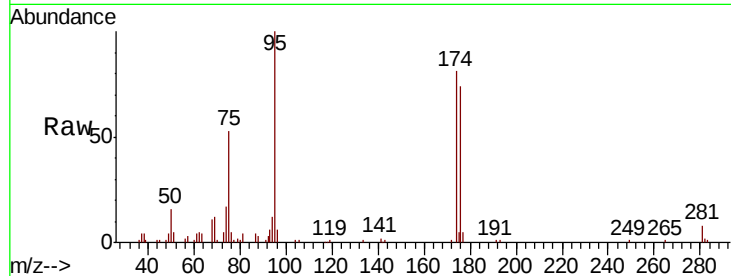
ClientSampleId :

Tot Ion: 75 Resp: 8989

Ion Ratio Lower Upper

75 100

77 1.0 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.956 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007695.D

Acq: 19 Dec 2018 09:17

Tgt Ion: 75 Resp: 8989

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

