

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007276.D
 Acq On : 06 Dec 2018 12:36
 Operator : SY/AP
 Sample : J6214-13
 Misc : 5.92G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 13:22:56 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

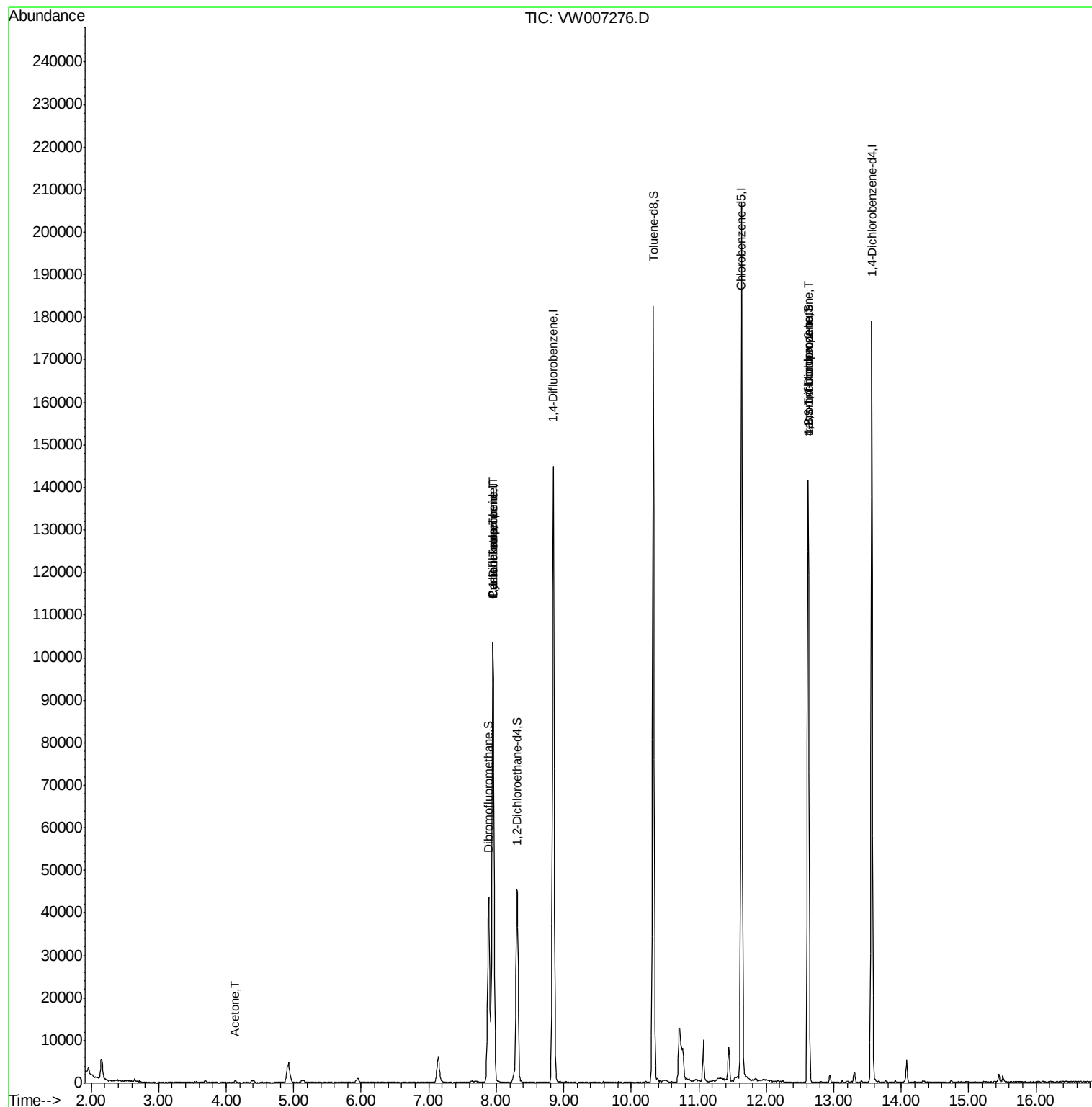
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	127816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	49879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37610	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	7.89	113	32890	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
50) Toluene-d8	10.32	98	124064	38.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.96%	
62) 4-Bromofluorobenzene	12.62	95	43991	36.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.30%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.12	59	221	Below Cal	#	75
16) Acetone	4.13	43	666	3.934	ug/l #	87
20) Methylene Chloride	4.93	84	3640	Below Cal	#	81
31) Cyclohexane	7.95	56	1503	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6055	4.869	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7605	5.991	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	21767	56.359	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21767	121.475	ug/l #	13

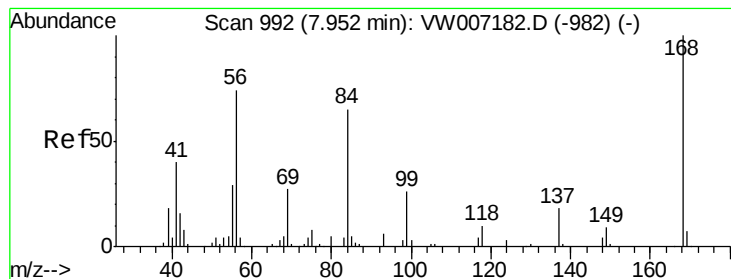
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 06 13:22:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007276.D

Acq: 06 Dec 2018 12:36

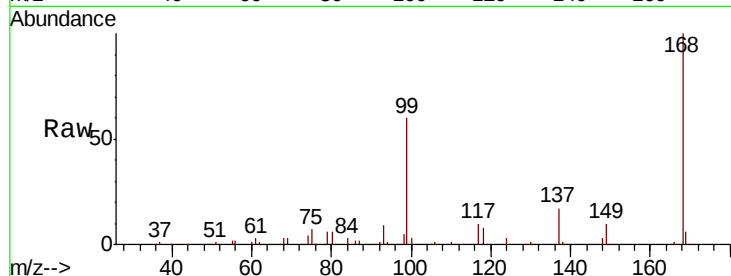
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 76800

Ion Ratio Lower Upper

168 100

99 59.9 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

40000

30000

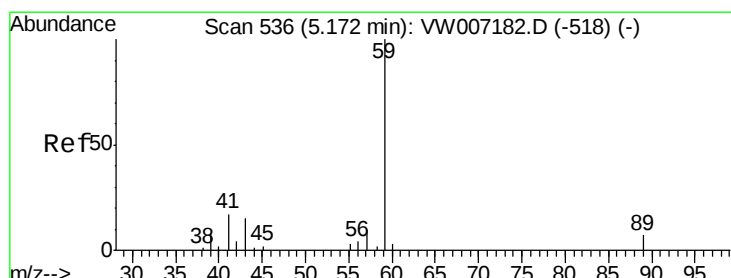
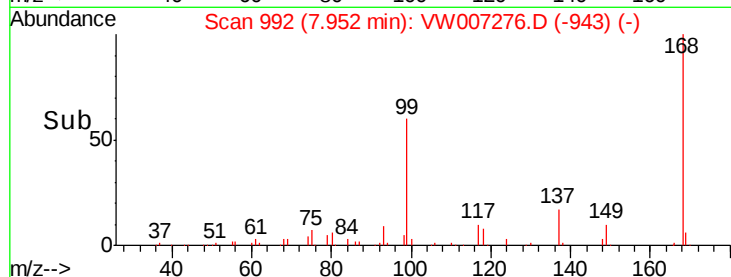
20000

10000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW007276.D

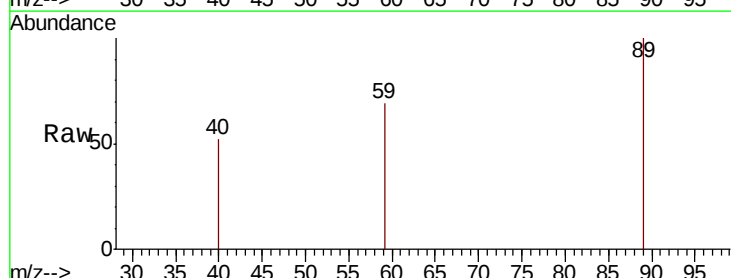
Acq: 06 Dec 2018 12:36

Tgt Ion: 59 Resp: 221

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

5.12

200

150

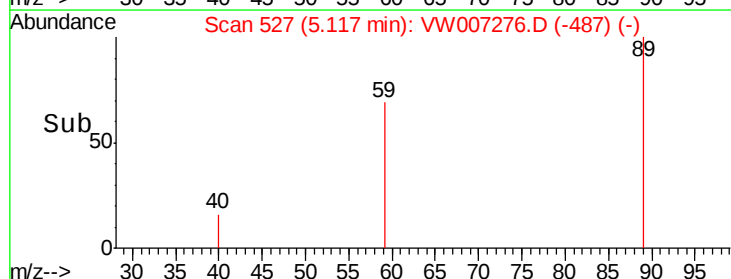
100

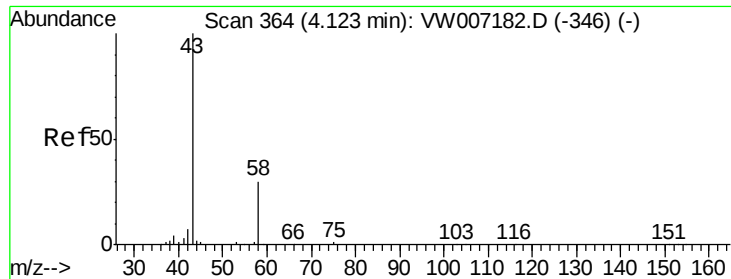
50

0

5.10 5.12 5.14

Time-->

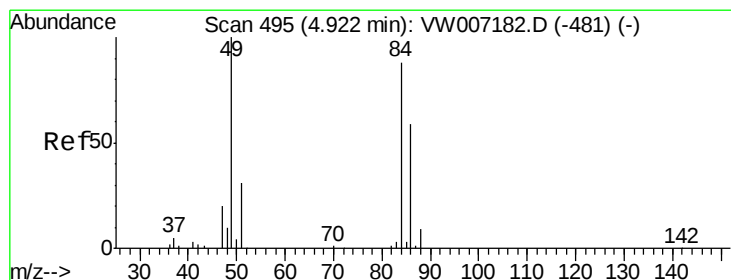
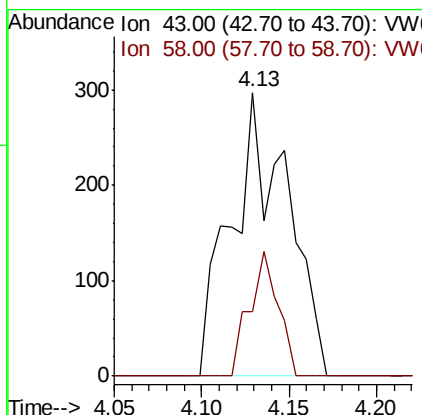
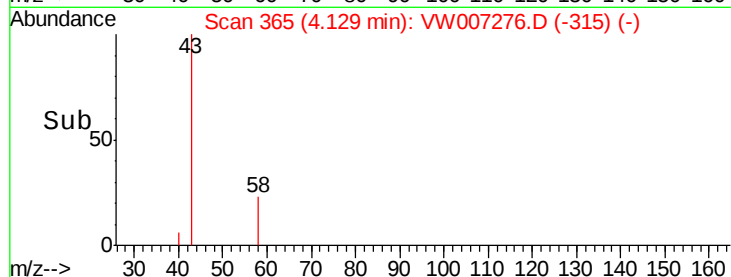
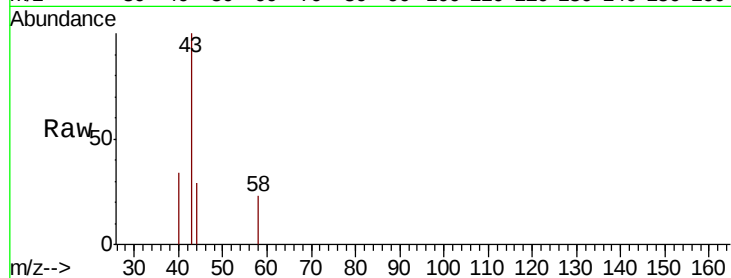




#16
Acetone
Concen: 3.934 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007276.D
Acq: 06 Dec 2018 12:36

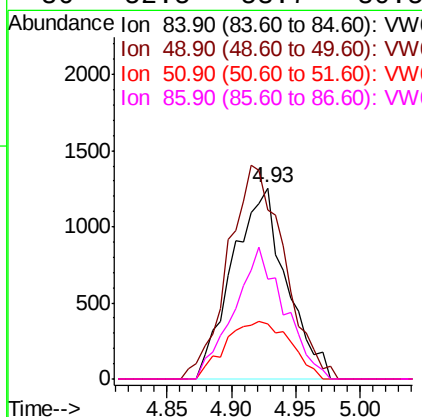
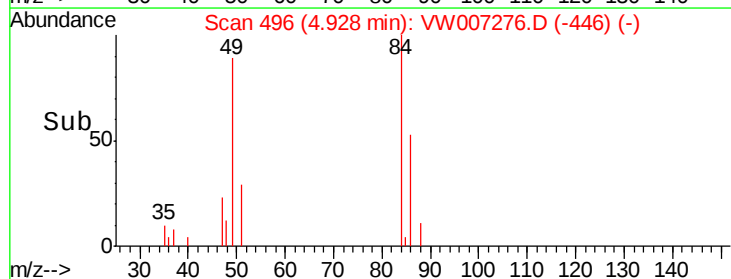
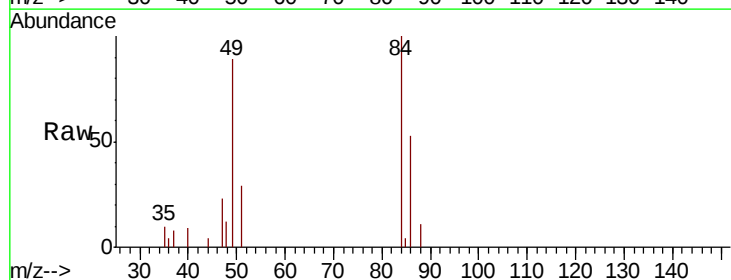
Instrument :
MSVOA_W
ClientSampleId :

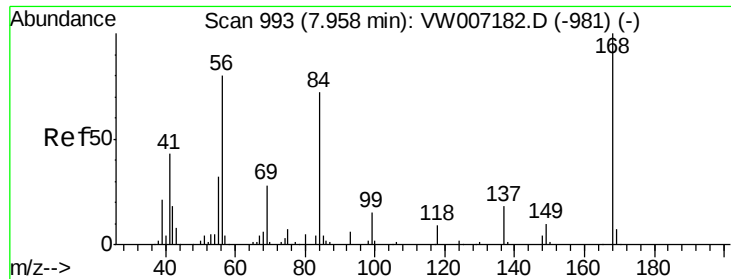
Tot Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 22.9 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007276.D
Acq: 06 Dec 2018 12:36

Tgt Ion: 84 Resp: 3640
Ion Ratio Lower Upper
84 100
49 88.5 90.6 135.8#
51 29.2 27.6 41.4
86 52.5 53.7 80.5#

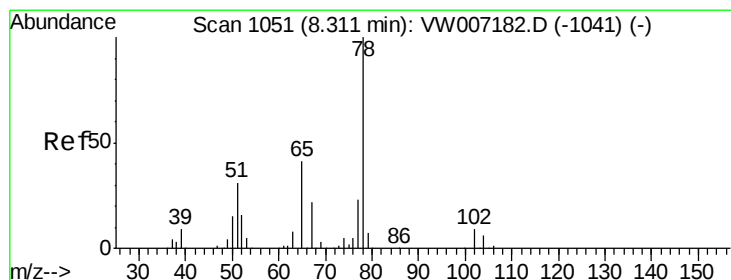
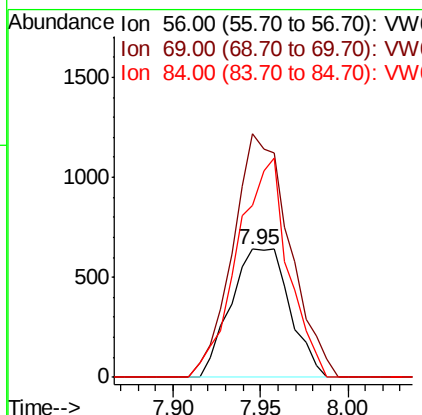
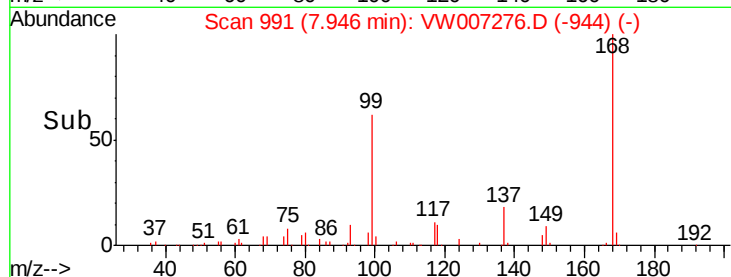
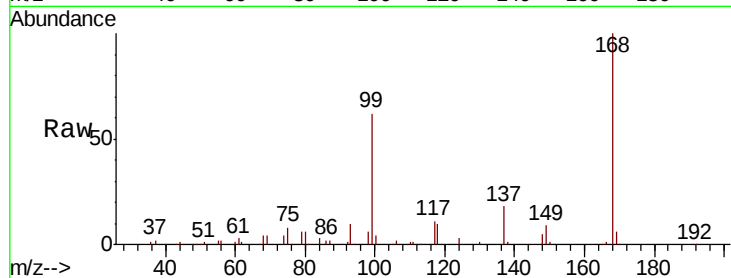




#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007276.D
Acq: 06 Dec 2018 12:36

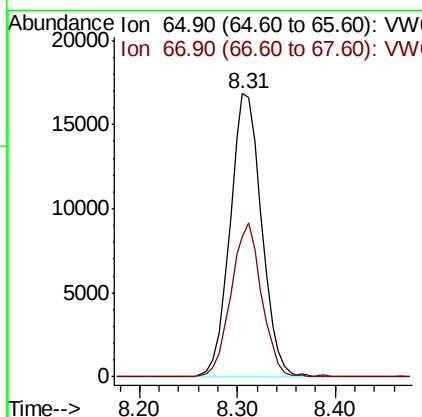
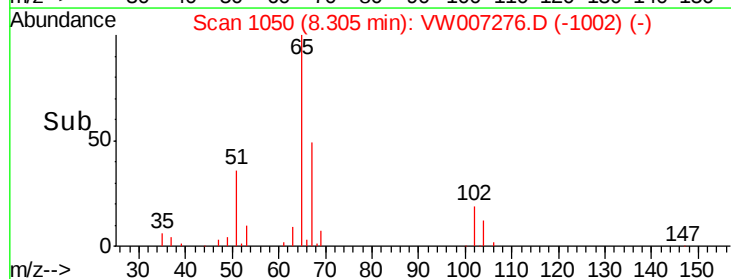
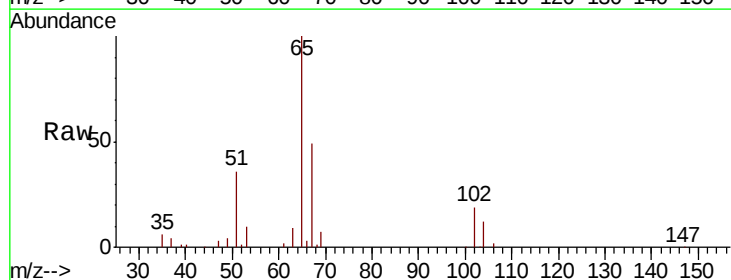
Instrument :
MSVOA_W
ClientSampled :

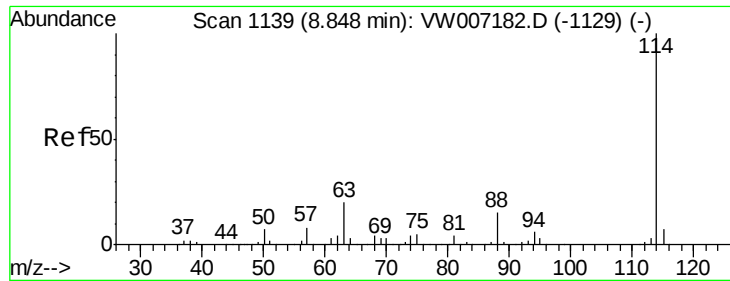
Tot Ion: 56 Resp: 1503
Ion Ratio Lower Upper
56 100
69 190.2 28.2 42.2#
84 134.1 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 52.598 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007276.D
Acq: 06 Dec 2018 12:36

Tgt Ion: 65 Resp: 37610
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4

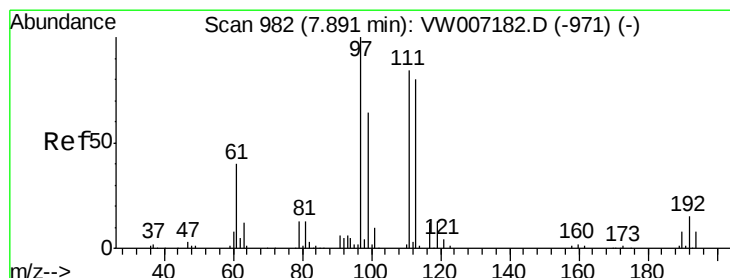
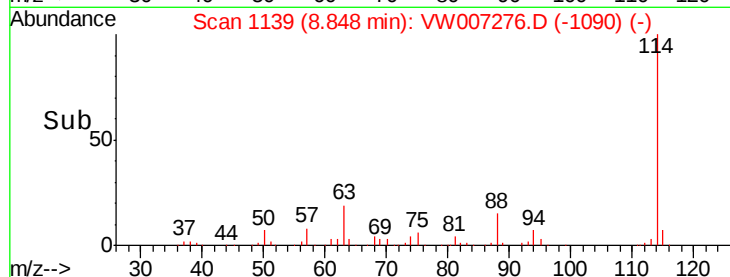
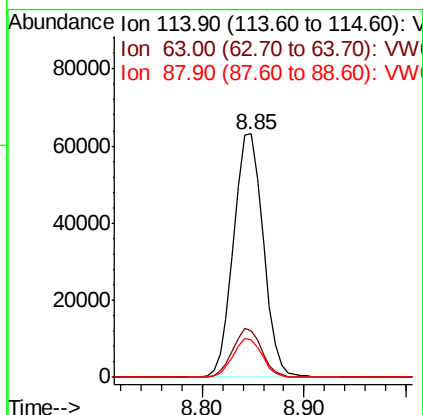
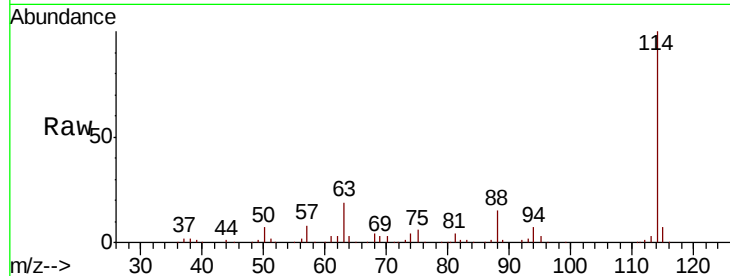




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007276.D
 Acq: 06 Dec 2018 12:36

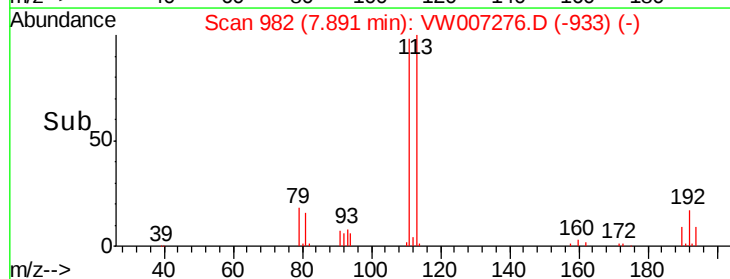
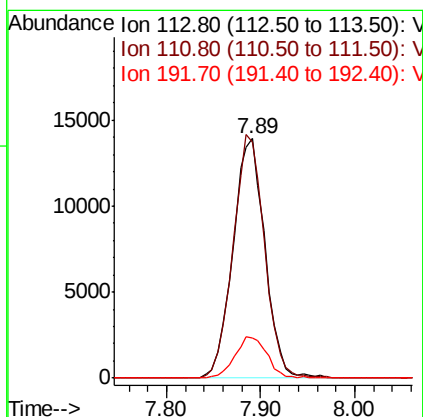
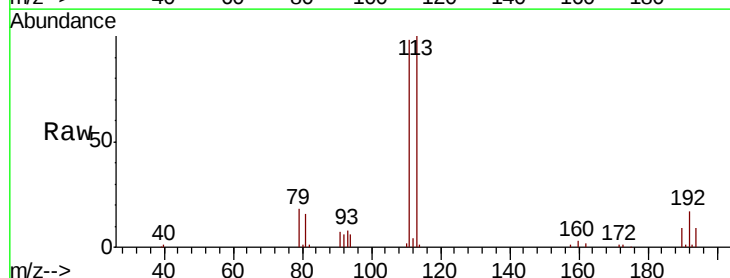
Instrument :
 MSVOA_W
 ClientSampleId :

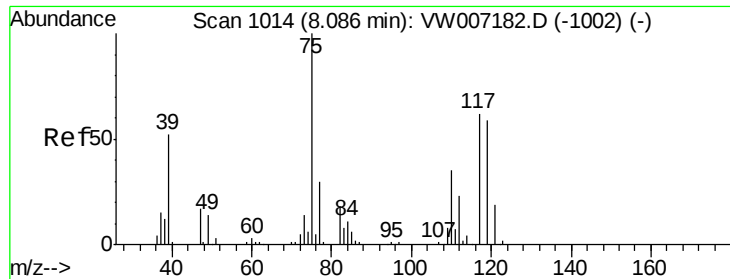
Tot Ion:114 Resp: 127816
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.2
 88 15.4 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 44.940 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007276.D
 Acq: 06 Dec 2018 12:36

Tgt Ion:113 Resp: 32890
 Ion Ratio Lower Upper
 113 100
 111 99.9 82.2 123.4
 192 17.2 14.4 21.6

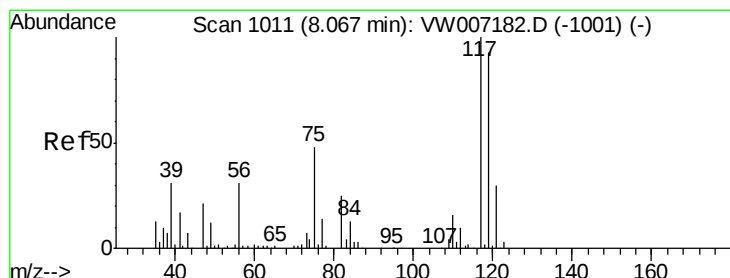
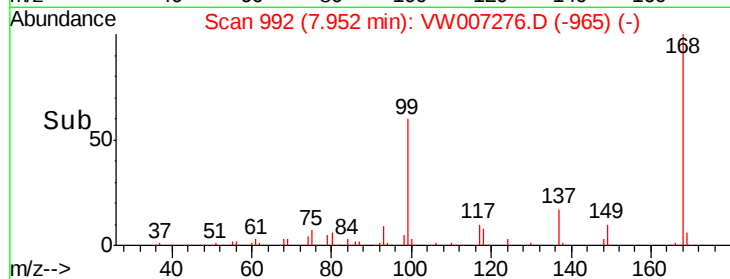
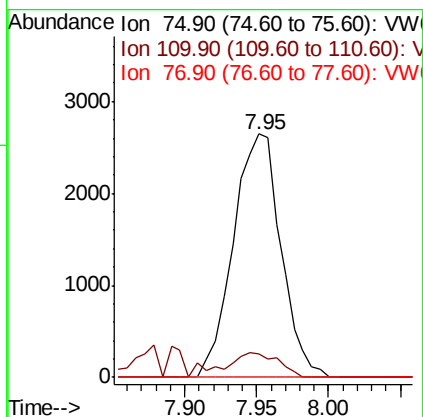
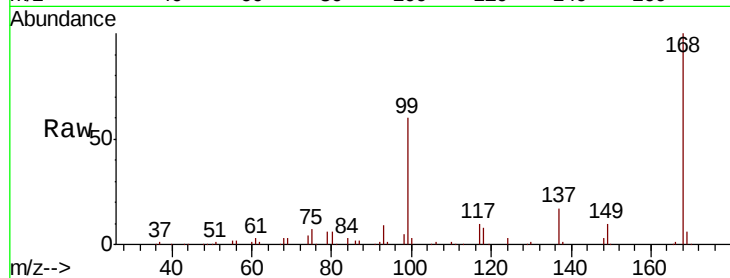




#36
 1,1-Dichloropropene
 Concen: 4.869 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007276.D
 Acq: 06 Dec 2018 12:36

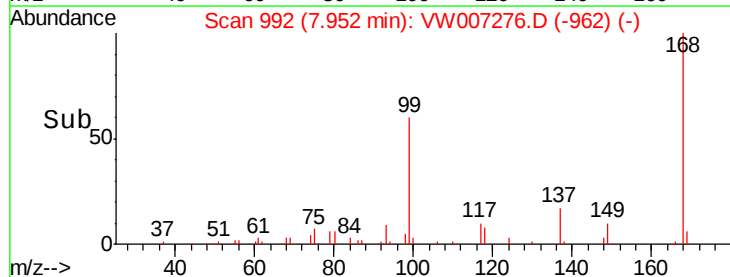
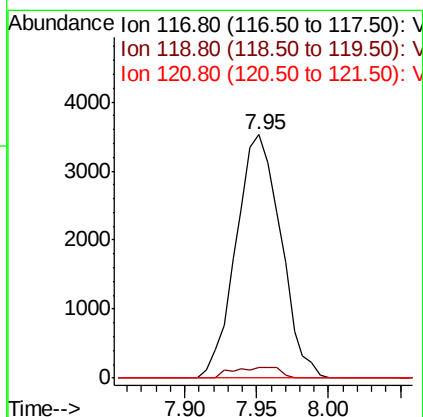
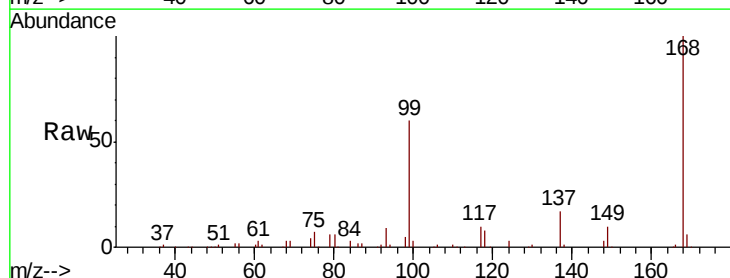
Instrument :
 MSVOA_W
 ClientSampleId :

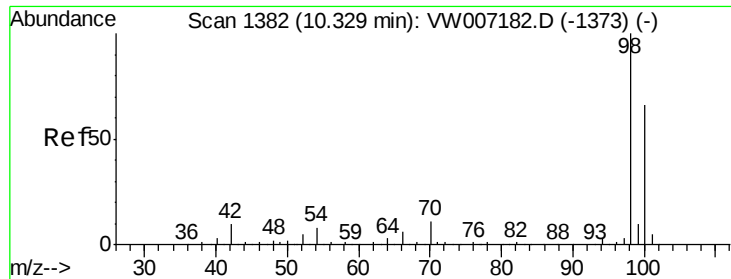
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.991 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007276.D
 Acq: 06 Dec 2018 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	74.1	111.1#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 38.483 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007276.D

Acq: 06 Dec 2018 12:36

Instrument :

MSVOA_W

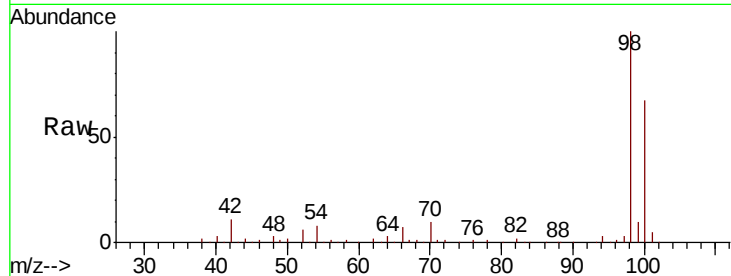
ClientSampleId :

Tot Ion: 98 Resp: 124064

Ion Ratio Lower Upper

98 100

100 66.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

80000

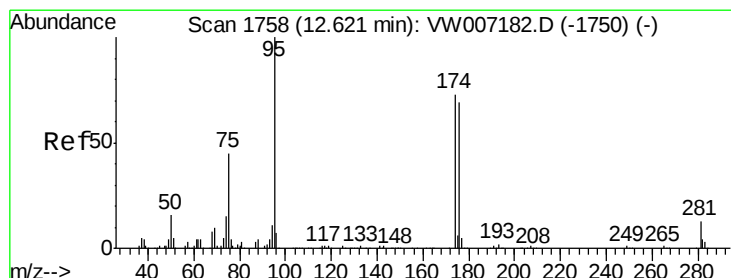
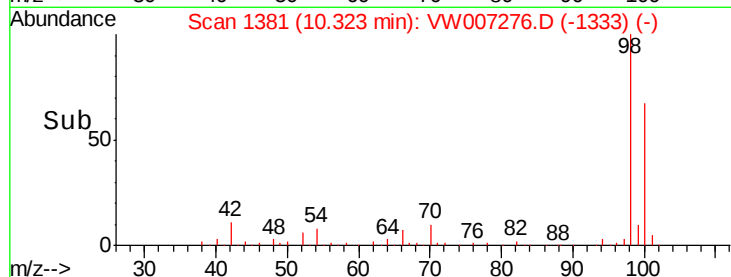
60000

40000

20000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 36.152 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007276.D

Acq: 06 Dec 2018 12:36

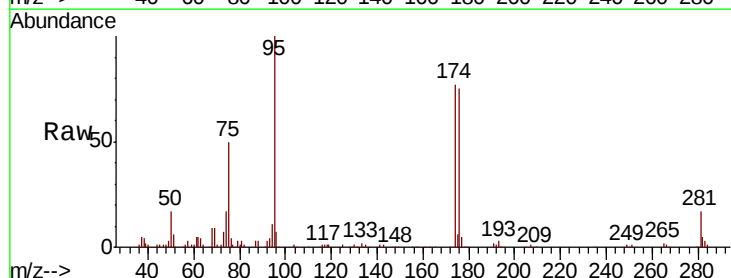
Tgt Ion: 95 Resp: 43991

Ion Ratio Lower Upper

95 100

174 78.2 0.0 148.0

176 76.0 0.0 139.4



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

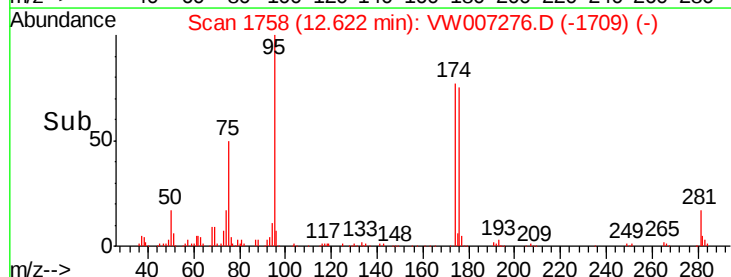
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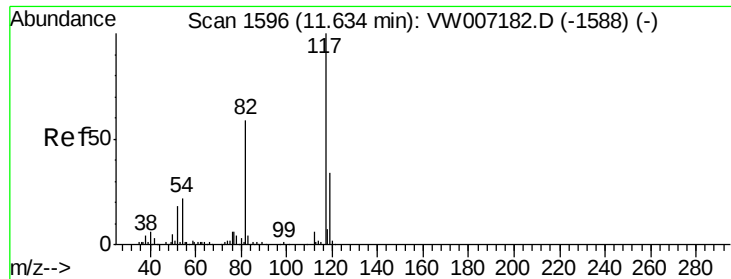
20000

10000

0

Time--> 12.55 12.60 12.65 12.70

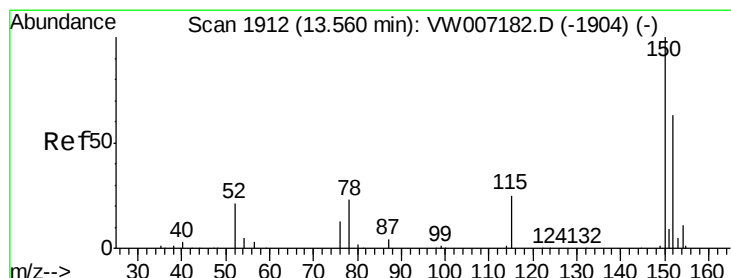
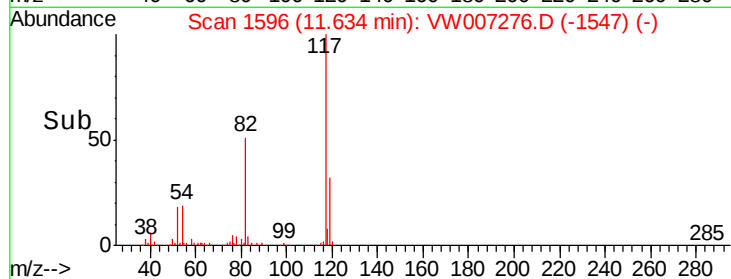
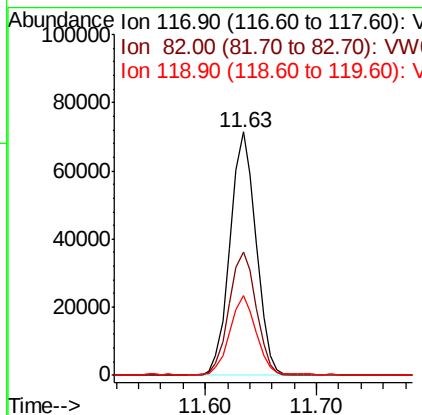
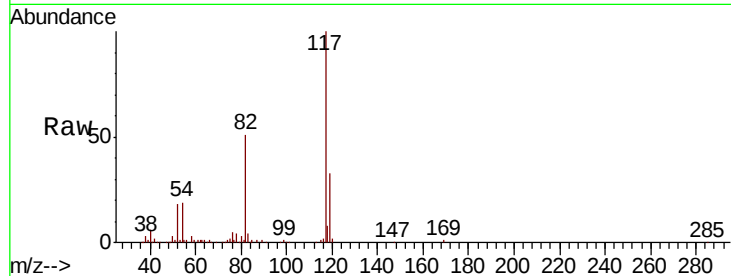




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007276.D
Acq: 06 Dec 2018 12:36

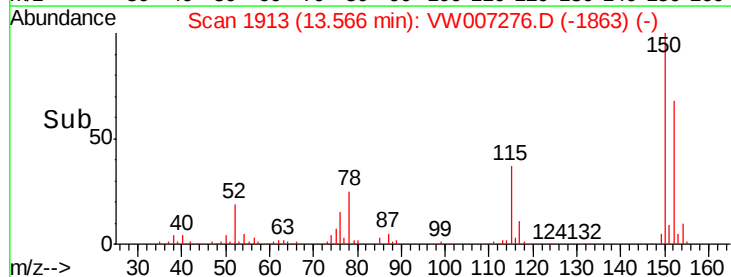
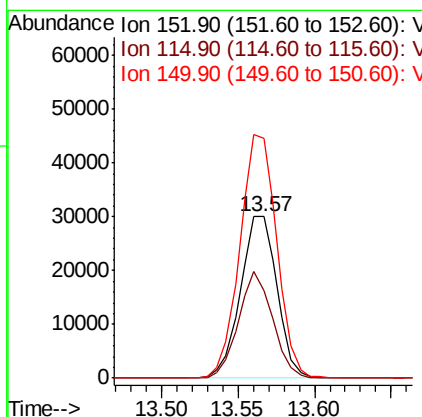
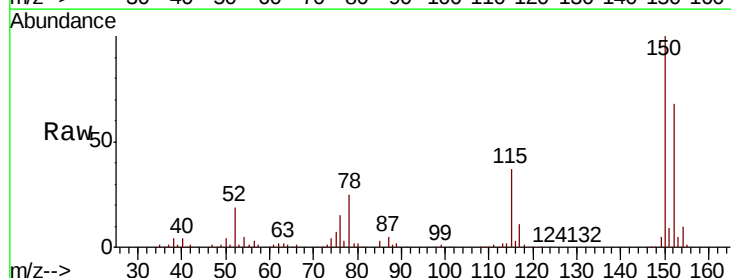
Instrument :
MSVOA_W
ClientSampled :

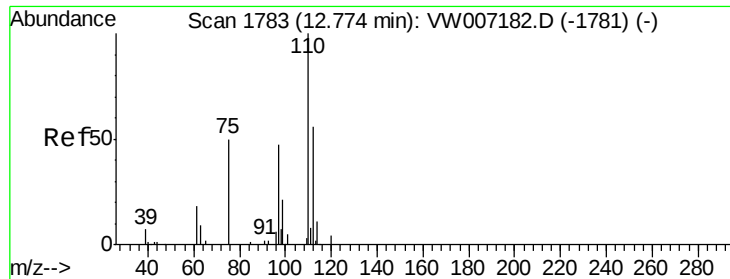
Tot Ion:117 Resp: 115699
Ion Ratio Lower Upper
117 100
82 50.9 47.4 71.2
119 32.3 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007276.D
Acq: 06 Dec 2018 12:36

Tgt Ion:152 Resp: 49879
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 151.6 0.0 358.0





#76

1,2,3-Trichloropropane

Concen: 56.359 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007276.D

Acq: 06 Dec 2018 12:36

Instrument :

MSVOA_W

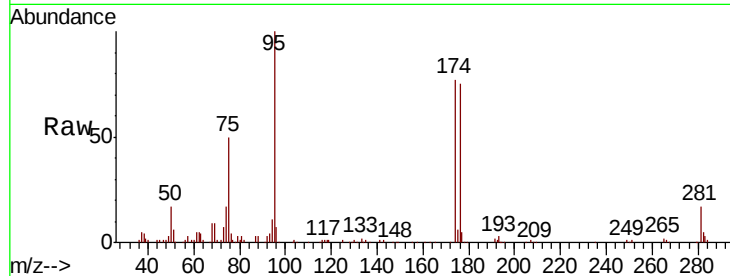
ClientSampled :

Tot Ion: 75 Resp: 21767

Ion Ratio Lower Upper

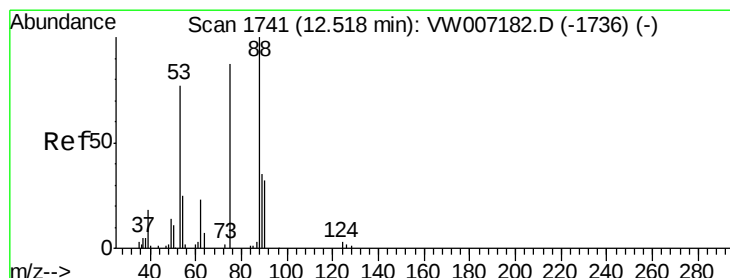
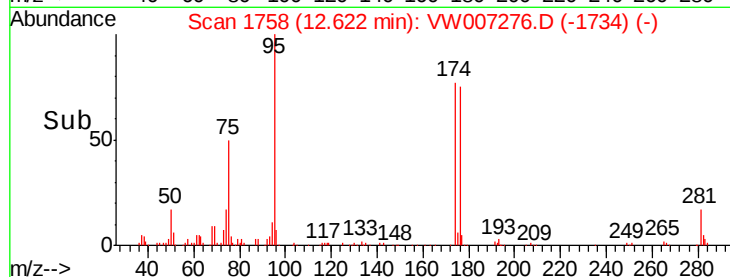
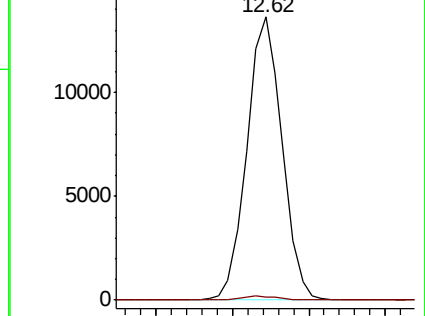
75 100

77 1.3 0.0 0.0#



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: 121.475 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007276.D

Acq: 06 Dec 2018 12:36

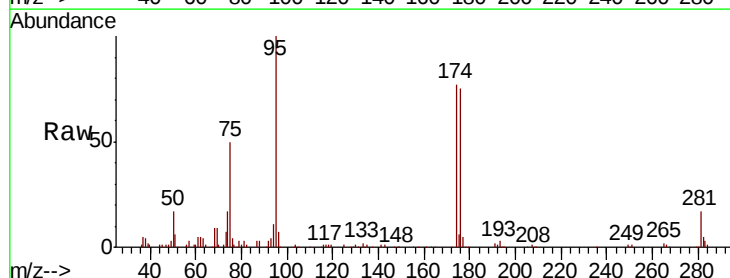
Tgt Ion: 75 Resp: 21767

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.2 36.4 54.6#



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

