

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007636.D
 Acq On : 17 Dec 2018 17:15
 Operator : SY/AP
 Sample : J6378-18RE
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:06:06 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	44382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	76953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	60031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	17145	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	31476	63.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.86%	
35) Dibromofluoromethane	7.88	113	26158	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
50) Toluene-d8	10.33	98	81251	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	12.62	95	22857	35.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.18%	

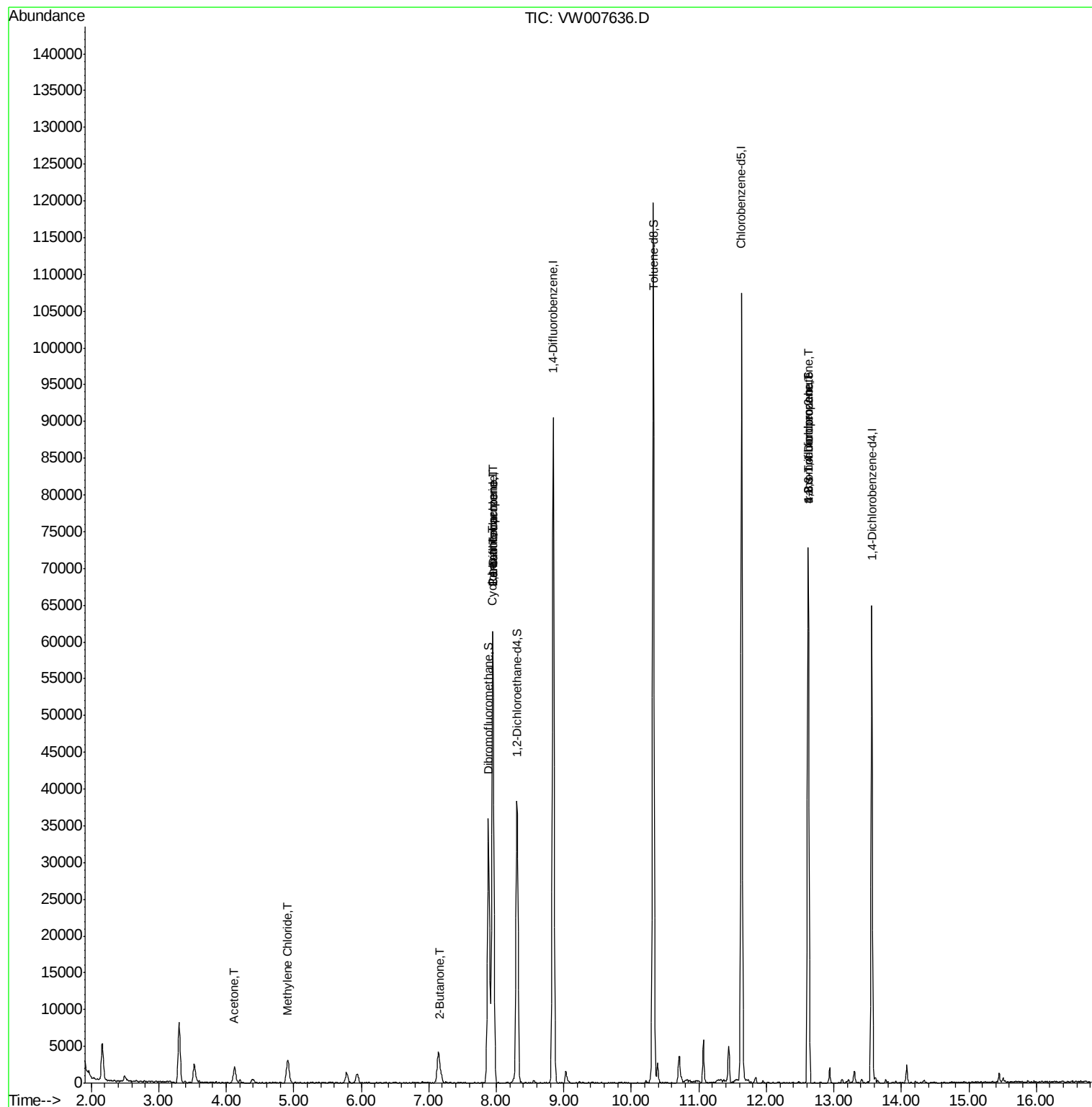
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	3896	45.300	ug/l #	87
20) Methylene Chloride	4.92	84	2486	1.484	ug/l #	87
25) 2-Butanone	7.17	43	1630	14.517	ug/l #	89
31) Cyclohexane	7.94	56	1064	1.391	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	3465	4.936	ug/l #	47
38) Carbon Tetrachloride	7.95	117	4887	6.398	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	11969	84.667	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	11969	187.030	ug/l #	7

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

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 18 07:06:06 2018
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# 992

Delta R.T. -0.00 min

Lab File: VW007636.D

Acq: 17 Dec 2018 17:15

Instrument :

MSVOA_W

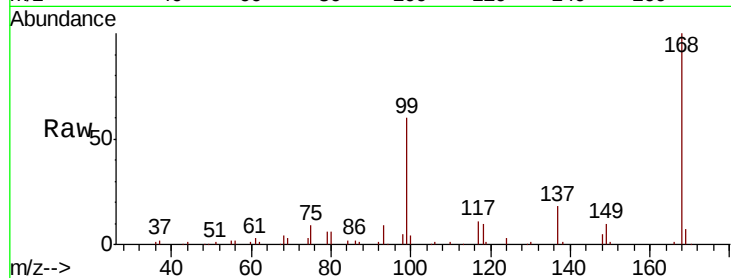
ClientSampled :

Tot Ion:168 Resp: 44382

Ion Ratio Lower Upper

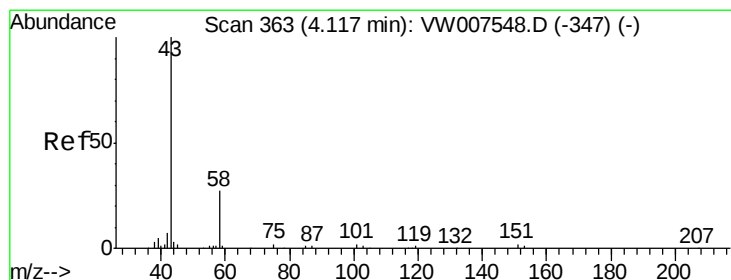
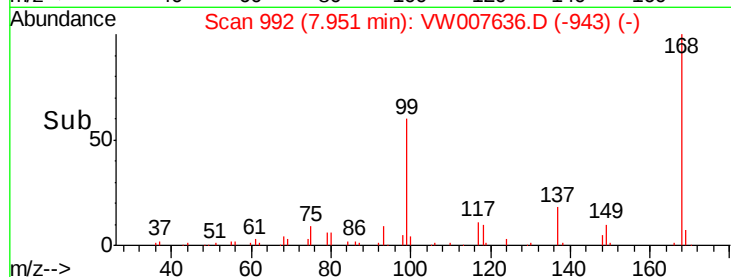
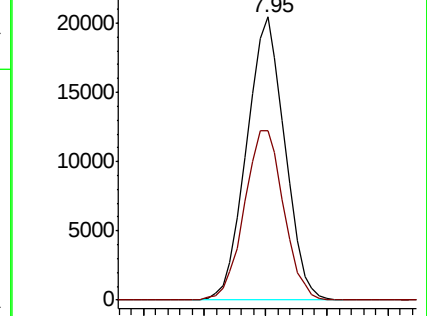
168 100

99 59.8 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: 45.300 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007636.D

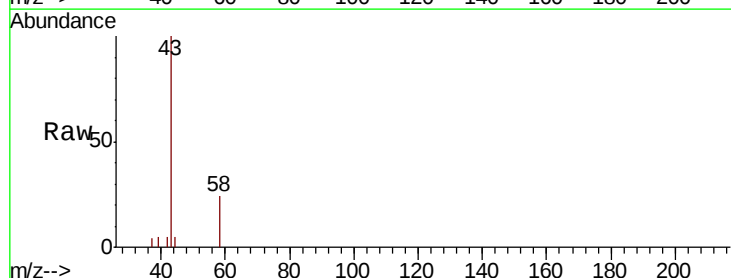
Acq: 17 Dec 2018 17:15

Tgt Ion: 43 Resp: 3896

Ion Ratio Lower Upper

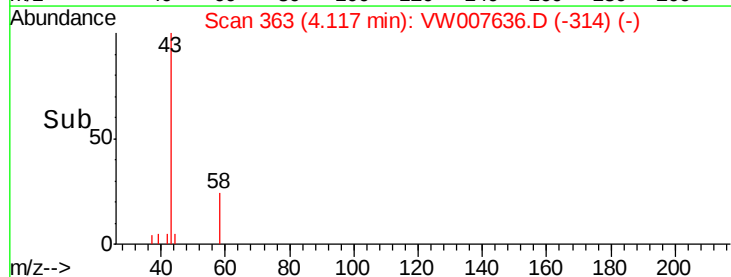
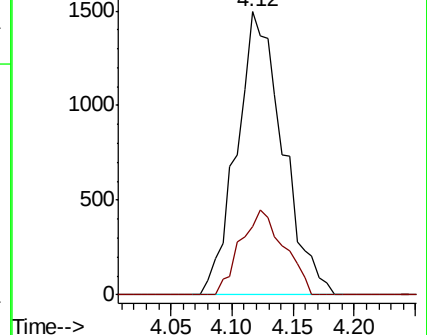
43 100

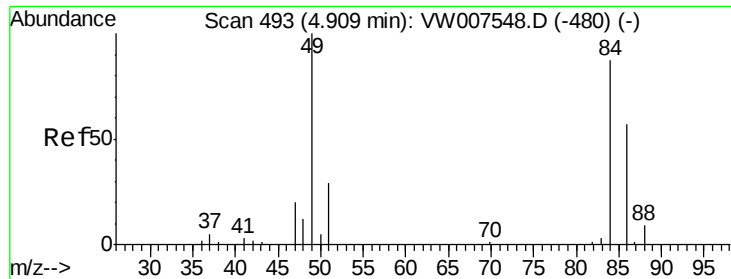
58 24.1 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

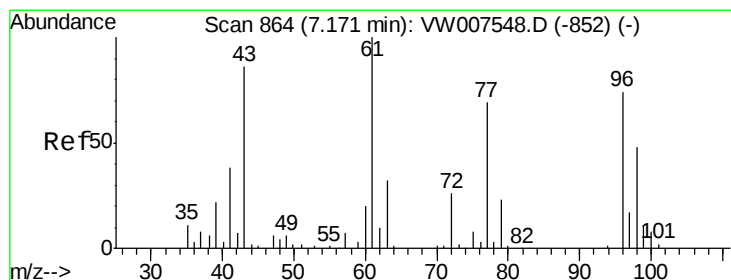
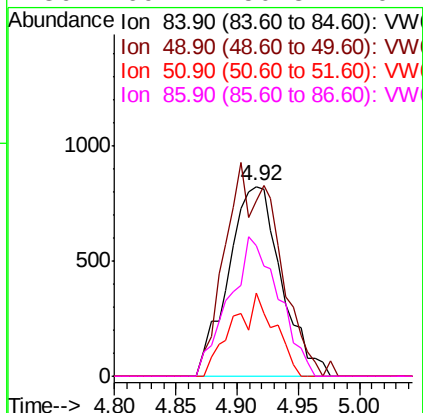
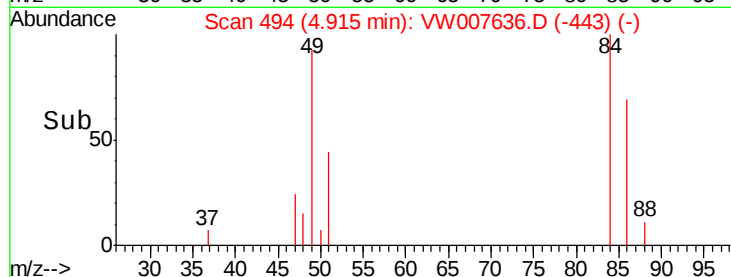
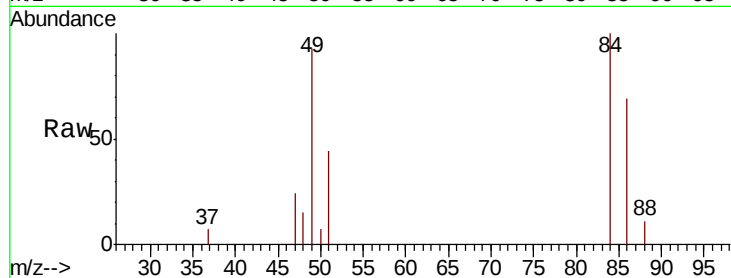




#20
Methvlene Chloride
Concen: 1.484 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007636.D
Acq: 17 Dec 2018 17:15

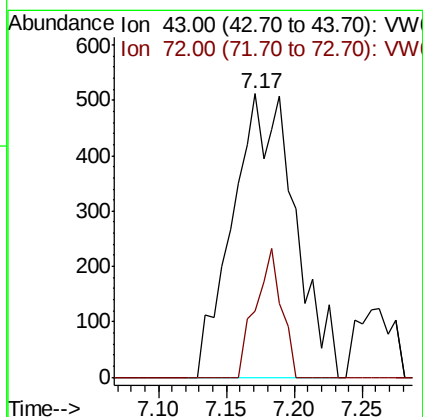
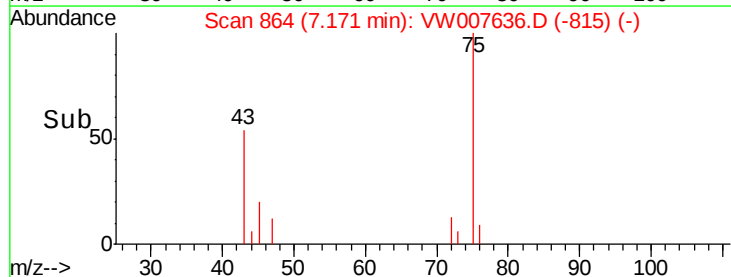
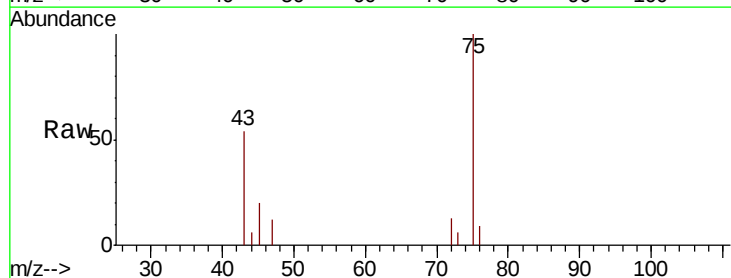
Instrument :
MSVOA_W
ClientSampled :

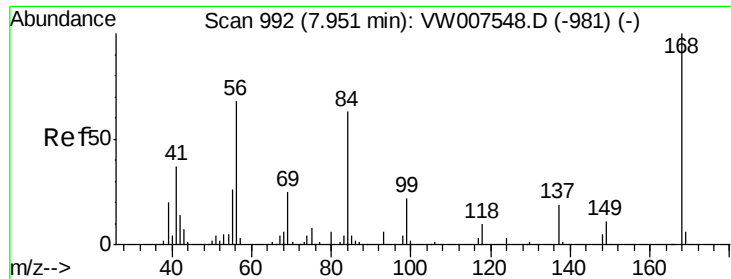
Tot Ion: 84 Resp: 2486
Ion Ratio Lower Upper
84 100
49 92.8 87.1 130.7
51 43.7 28.2 42.2#
86 69.2 50.8 76.2



#25
2-Butanone
Concen: 14.517 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007636.D
Acq: 17 Dec 2018 17:15

Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
72 23.2 23.4 35.2#

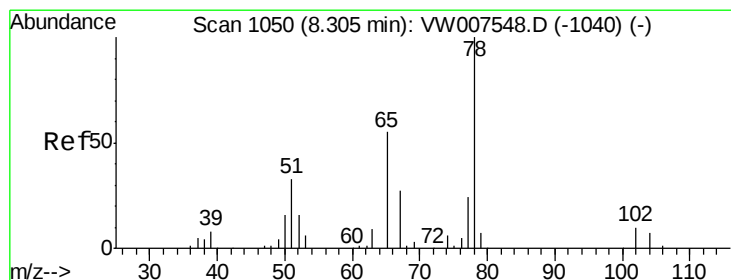
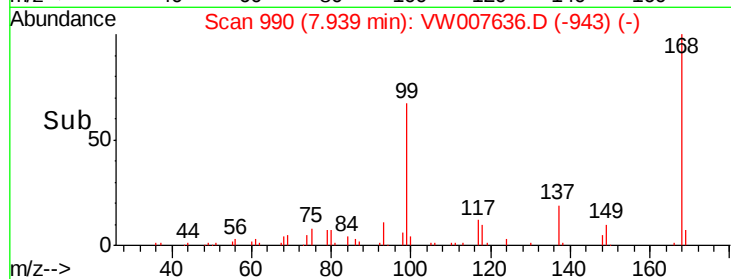
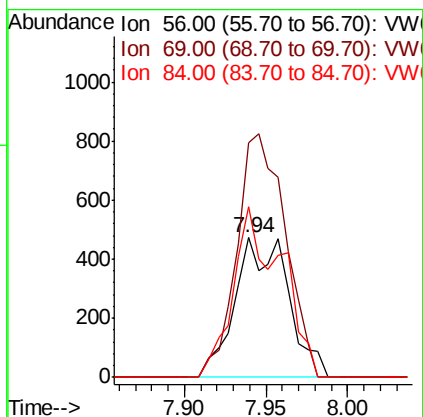
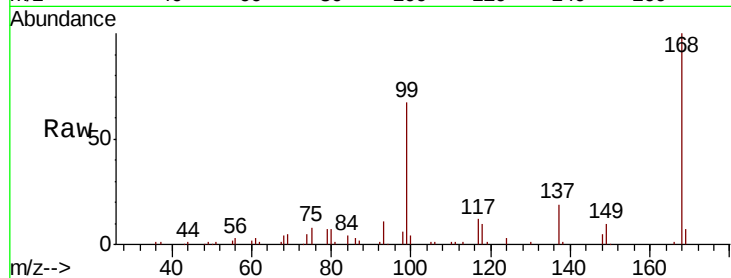




#31
Cyclohexane
Concen: 1.391 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007636.D
Acq: 17 Dec 2018 17:15

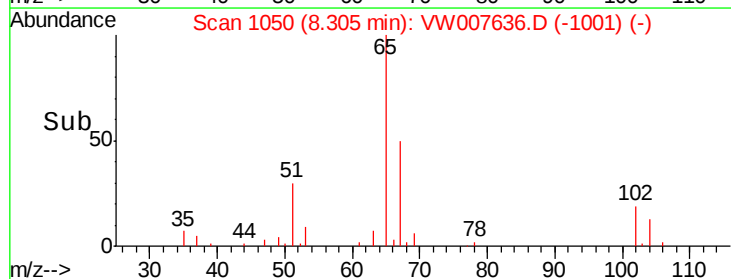
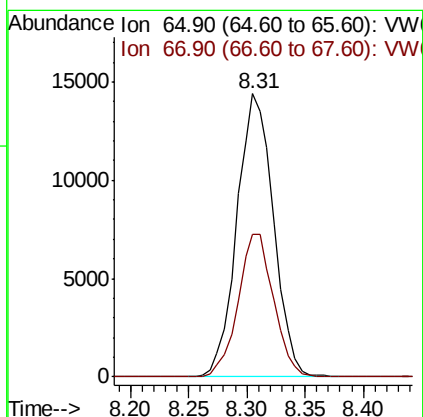
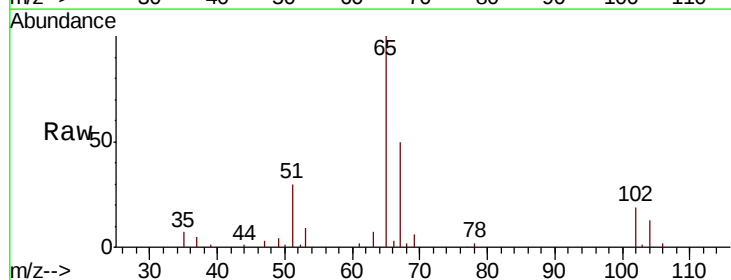
Instrument :
MSVOA_W
ClientSampled :

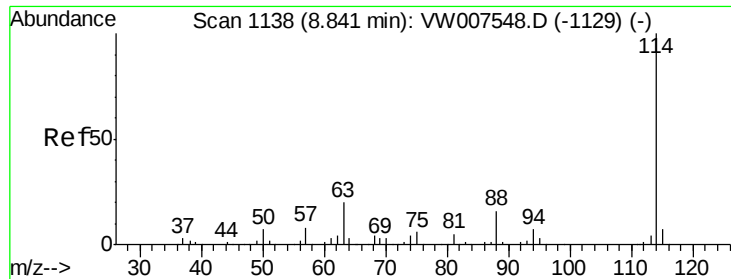
Tot Ion: 56 Resp: 1064
Ion Ratio Lower Upper
56 100
69 168.2 28.9 43.3#
84 122.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 63.926 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007636.D
Acq: 17 Dec 2018 17:15

Tgt Ion: 65 Resp: 31476
Ion Ratio Lower Upper
65 100
67 48.9 0.0 101.6

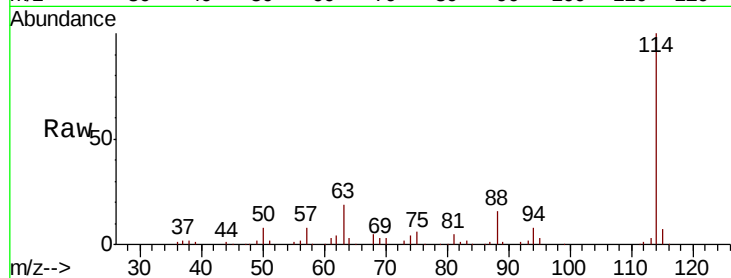




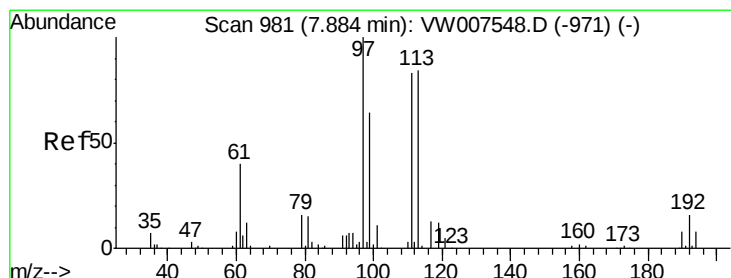
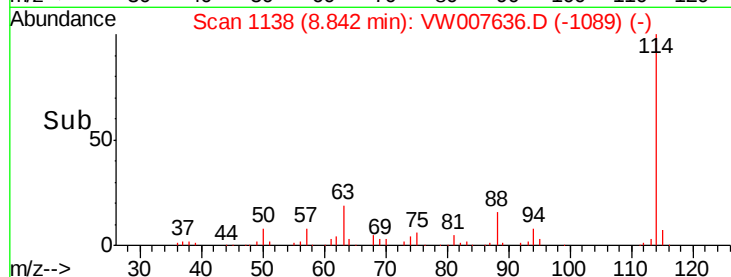
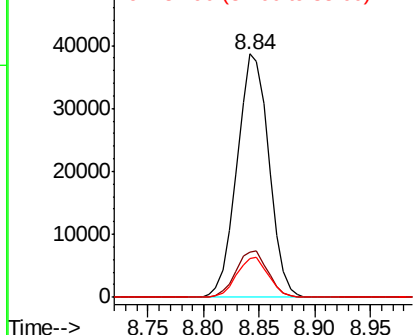
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007636.D
 Acq: 17 Dec 2018 17:15

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 76953
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.6
 88 15.9 0.0 31.4

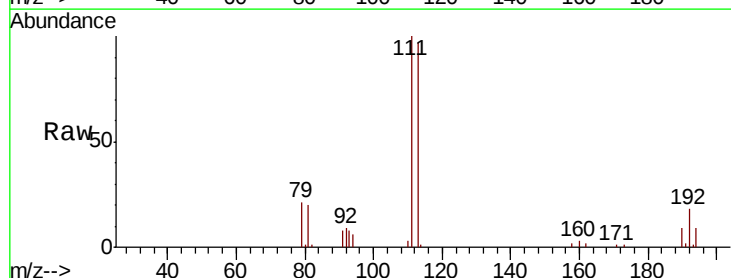


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

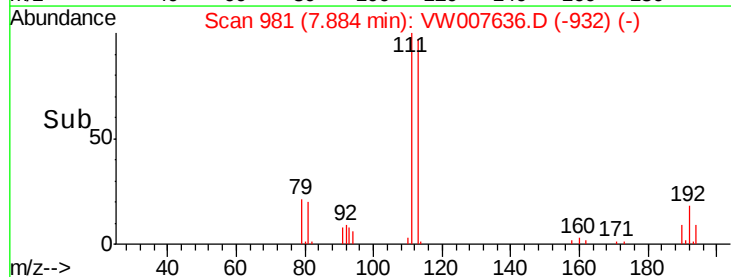
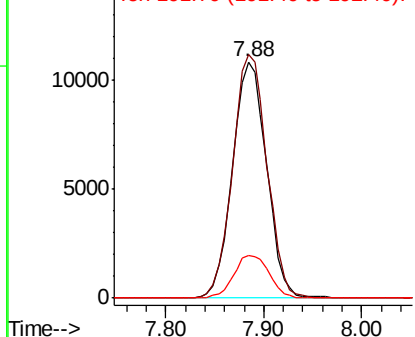


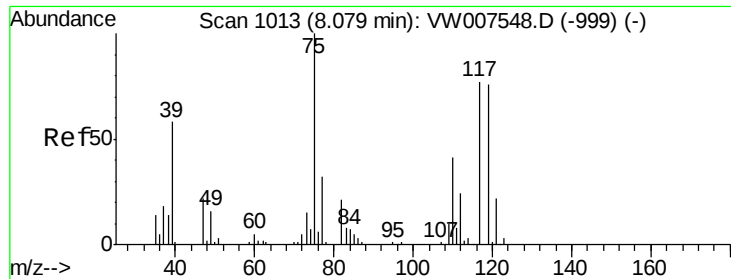
#35
 Dibromofluoromethane
 Concen: 56.154 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007636.D
 Acq: 17 Dec 2018 17:15

Tgt Ion:113 Resp: 26158
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.1 121.7
 192 18.6 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

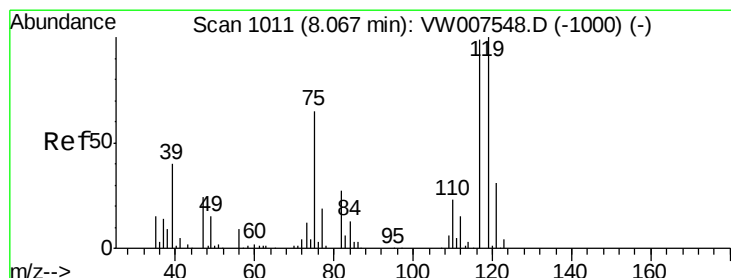
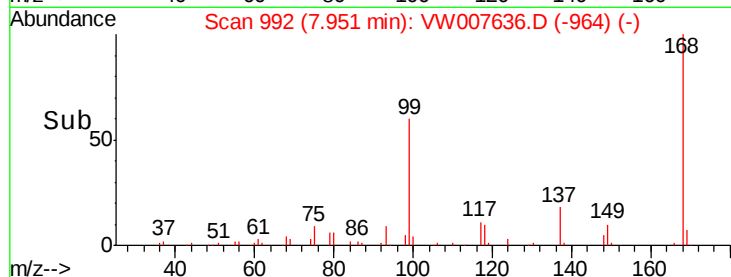
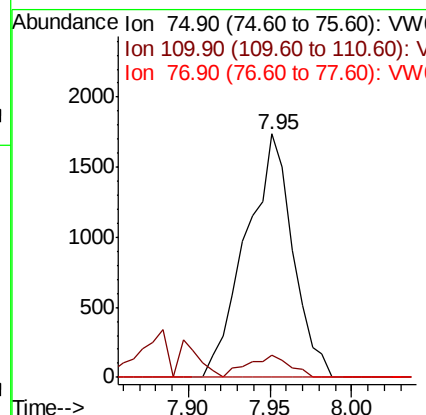
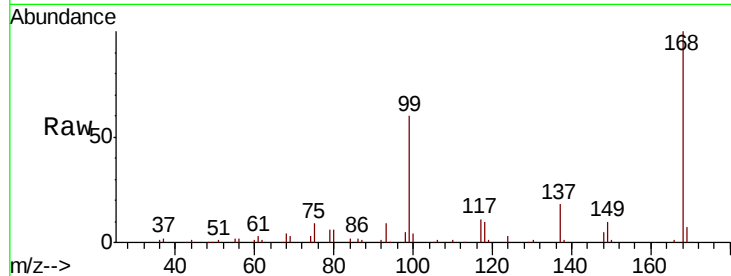




#36
 1,1-Dichloropropene
 Concen: 4.936 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007636.D
 Acq: 17 Dec 2018 17:15

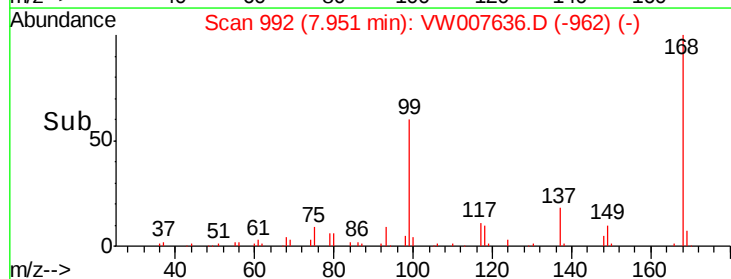
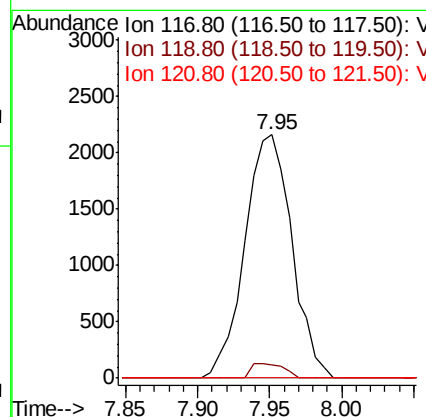
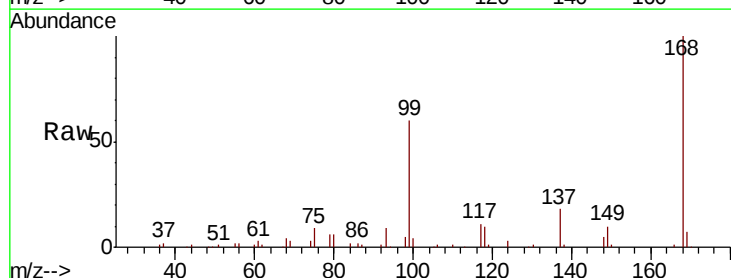
Instrument :
 MSVOA_W
 ClientSampleId :

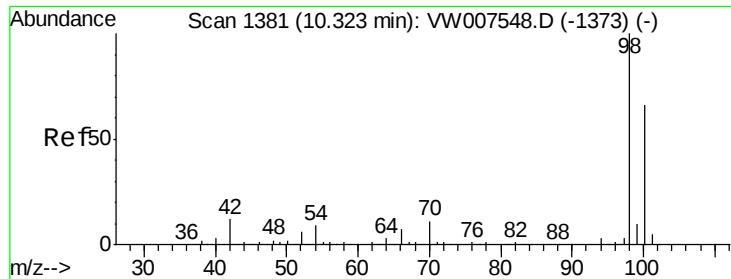
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.398 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007636.D
 Acq: 17 Dec 2018 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 46.520 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW007636.D

Acq: 17 Dec 2018 17:15

Instrument :

MSVOA_W

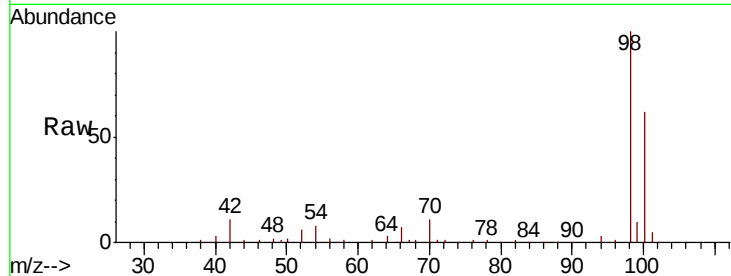
ClientSampled :

Tot Ion: 98 Resp: 81251

Ion Ratio Lower Upper

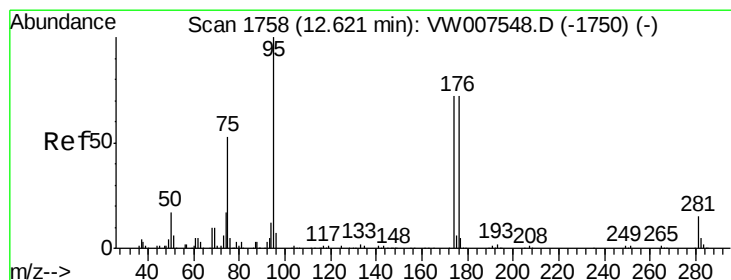
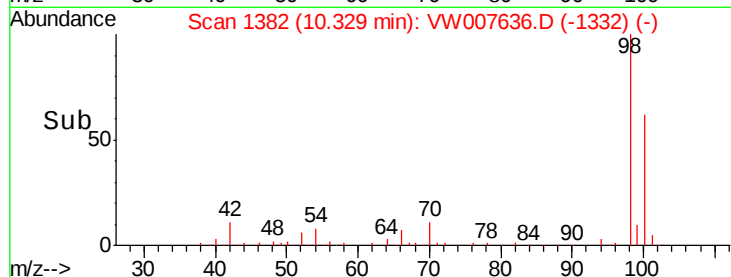
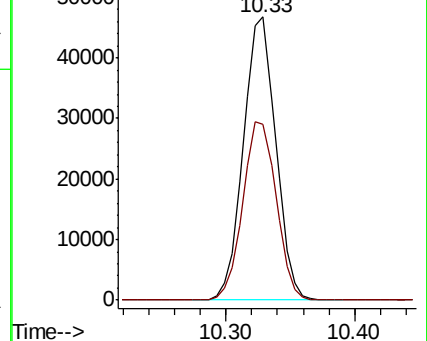
98 100

100 65.2 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: 35.593 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007636.D

Acq: 17 Dec 2018 17:15

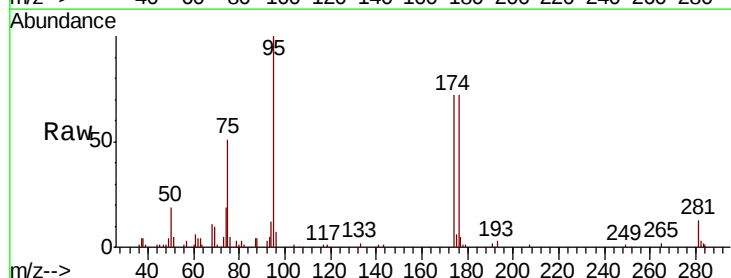
Tgt Ion: 95 Resp: 22857

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.2

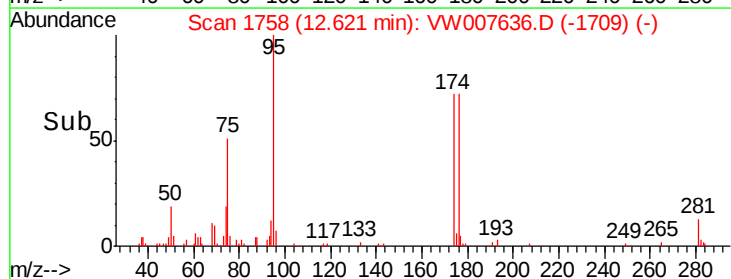
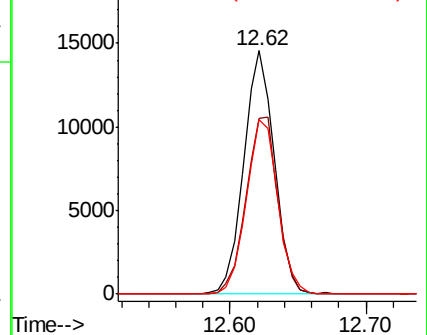
176 73.6 0.0 138.8

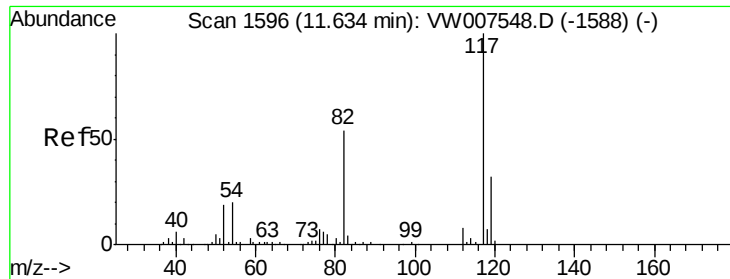


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

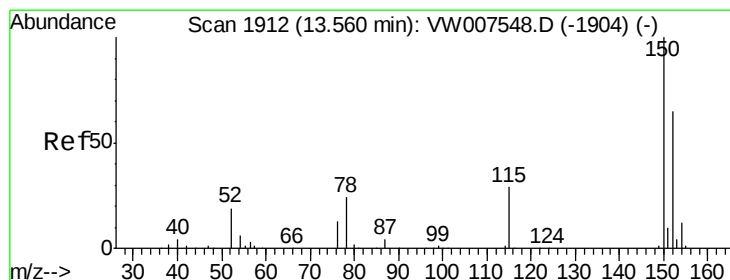
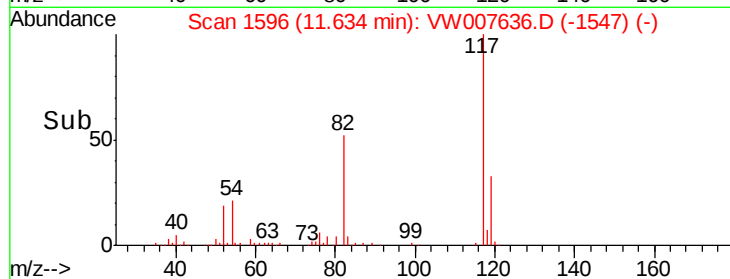
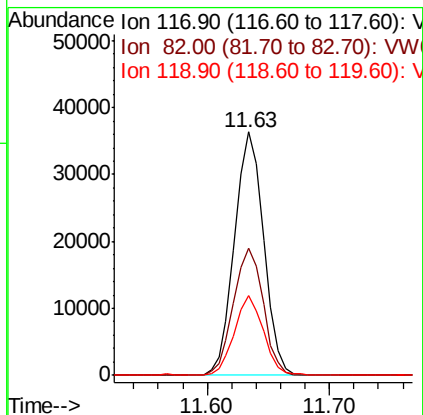
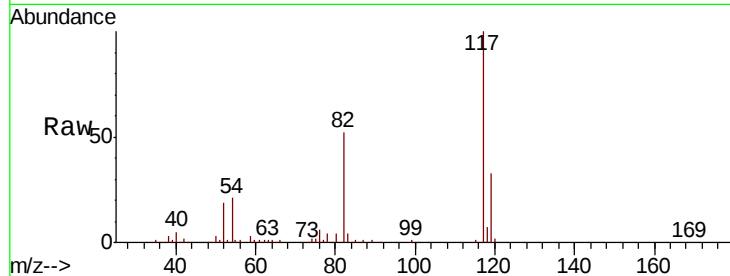




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007636.D
Acq: 17 Dec 2018 17:15

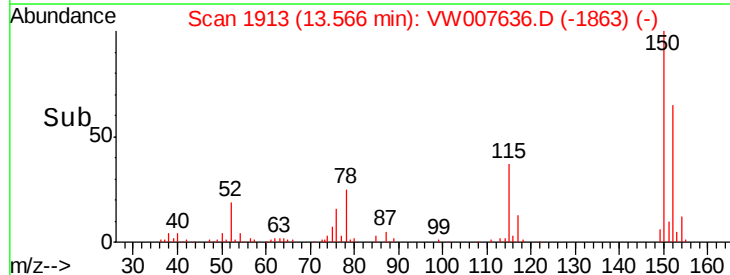
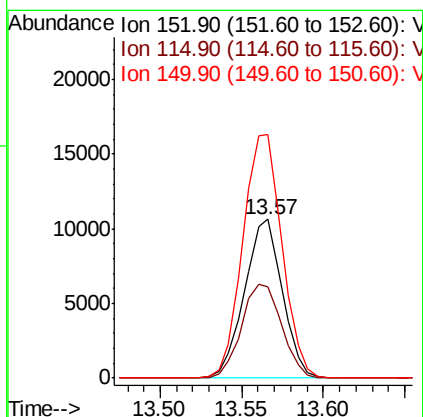
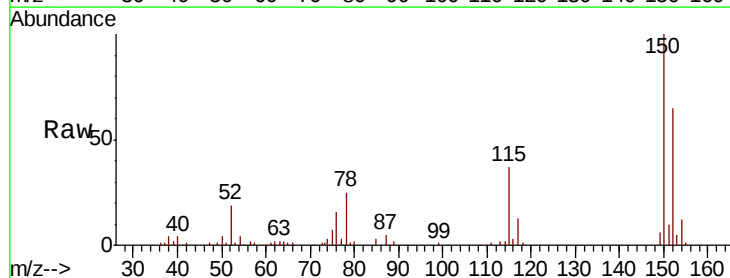
Instrument :
MSVOA_W
ClientSampled :

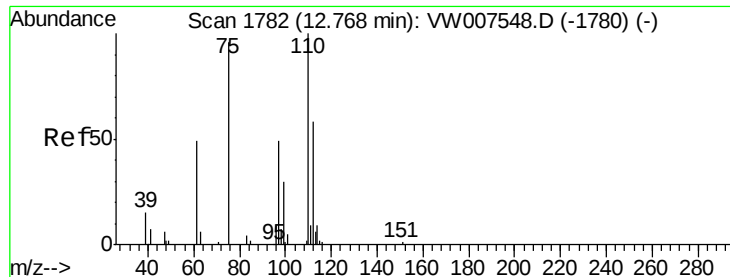
Tot Ion:117 Resp: 60031
Ion Ratio Lower Upper
117 100
82 52.2 42.3 63.5
119 32.5 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007636.D
Acq: 17 Dec 2018 17:15

Tgt Ion:152 Resp: 17145
Ion Ratio Lower Upper
152 100
115 62.4 31.4 94.2
150 158.4 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 84.667 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007636.D

Acq: 17 Dec 2018 17:15

Instrument :

MSVOA_W

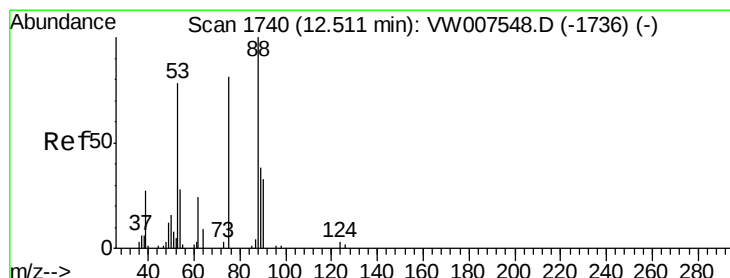
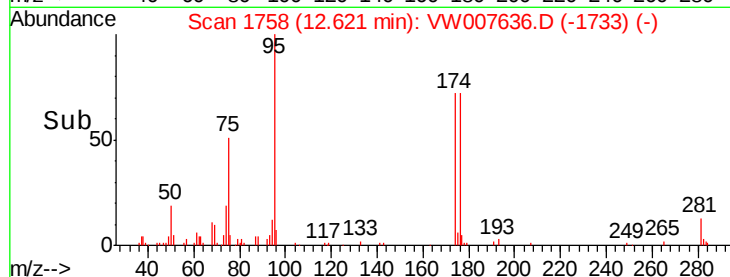
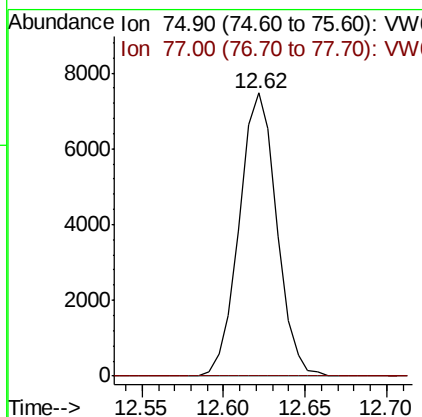
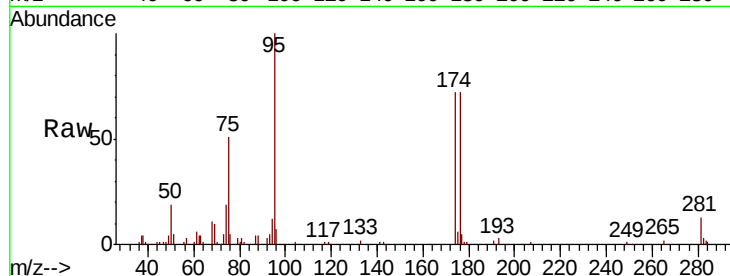
ClientSampleId :

Tot Ion: 75 Resp: 11969

Ion Ratio Lower Upper

75 100

77 0.0 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 187.030 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007636.D

Acq: 17 Dec 2018 17:15

Tgt Ion: 75 Resp: 11969

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

