

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007627.D
 Acq On : 17 Dec 2018 13:23
 Operator : SY/AP
 Sample : J6371-04RE
 Misc : 4.93G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:04:26 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

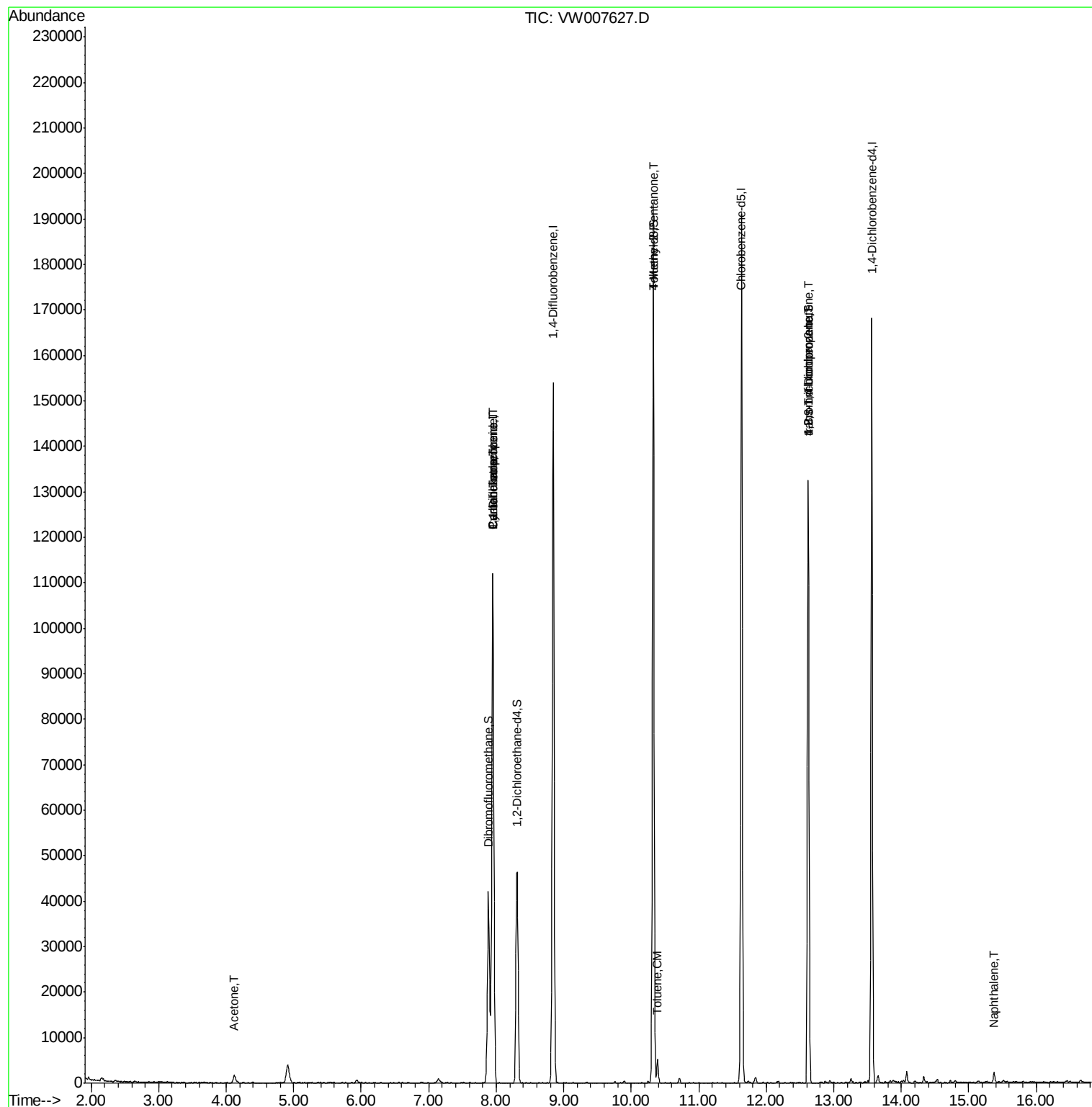
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	81112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	129437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	43978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39341	43.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.44%	
35) Dibromofluoromethane	7.88	113	30281	38.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.30%	
50) Toluene-d8	10.32	98	130218	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
62) 4-Bromofluorobenzene	12.62	95	43750	40.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	2922	18.590	ug/l #	81
31) Cyclohexane	7.95	56	1724	1.233	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	6353	5.380	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8736	6.800	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	529	1.291	ug/l #	1
52) Toluene	10.39	92	2516	1.186	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	23190	63.953	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	23190	141.272	ug/l #	7
95) Naphthalene	15.37	128	2383	1.357	ug/l	98

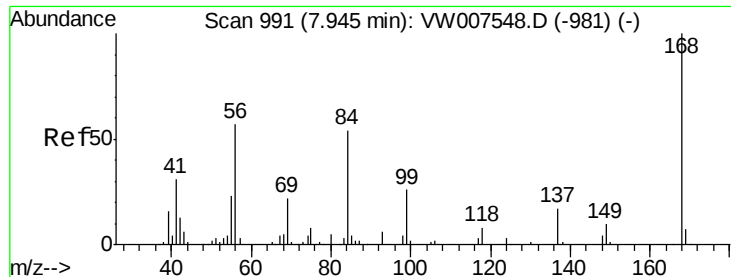
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 02:58:16 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007627.D

Acq: 17 Dec 2018 13:23

Instrument :

MSVOA_W

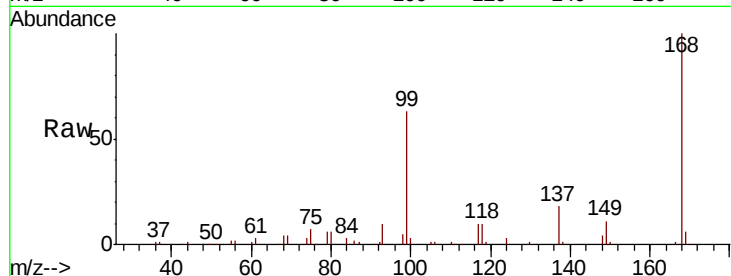
ClientSampled :

Tot Ion:168 Resp: 81112

Ion Ratio Lower Upper

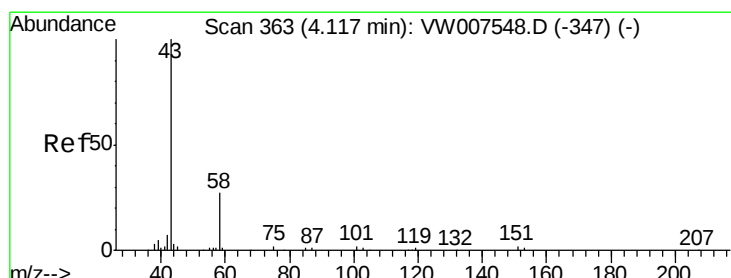
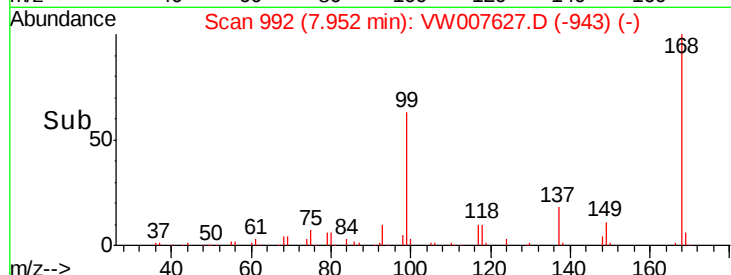
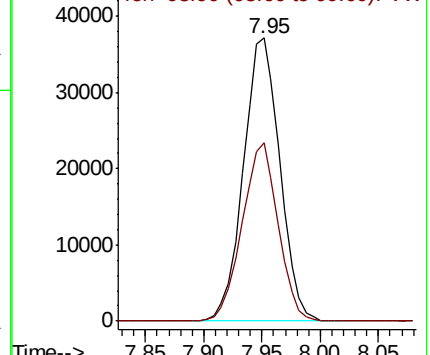
168 100

99 63.1 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: 18.590 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007627.D

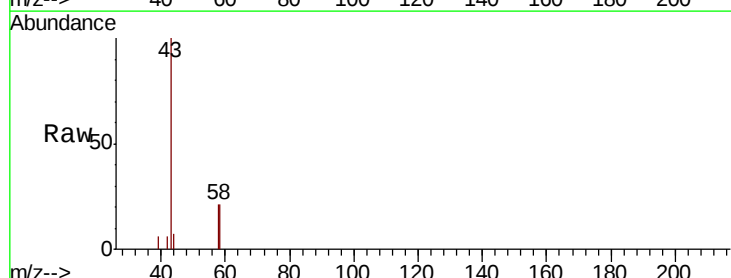
Acq: 17 Dec 2018 13:23

Tgt Ion: 43 Resp: 2922

Ion Ratio Lower Upper

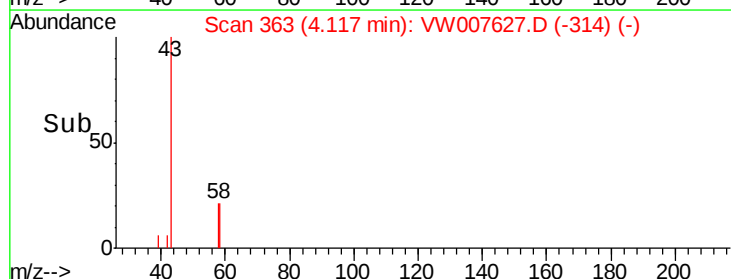
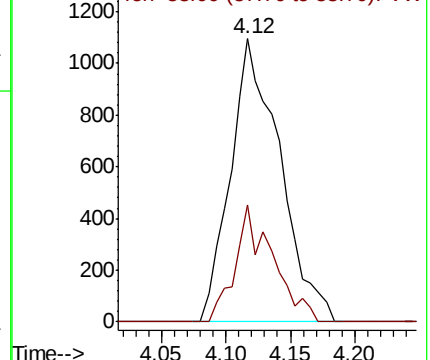
43 100

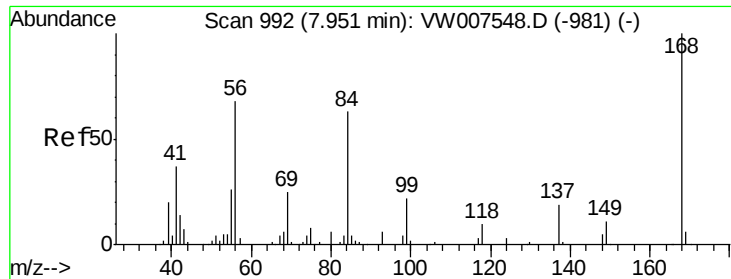
58 41.4 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

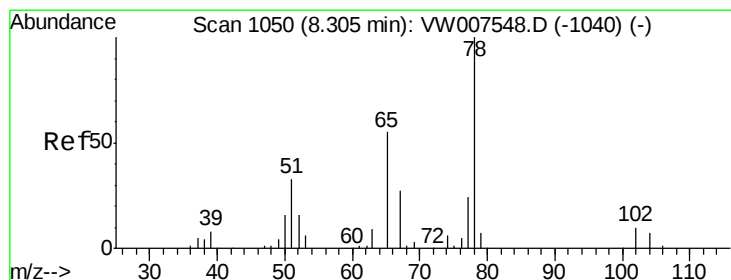
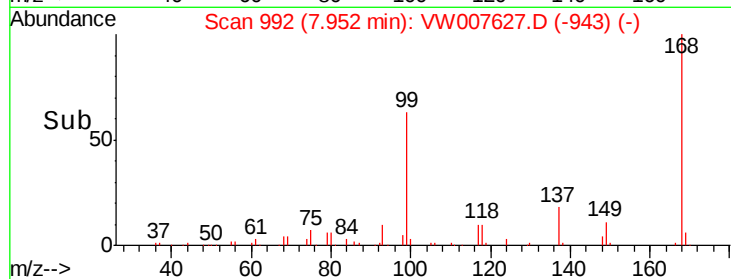
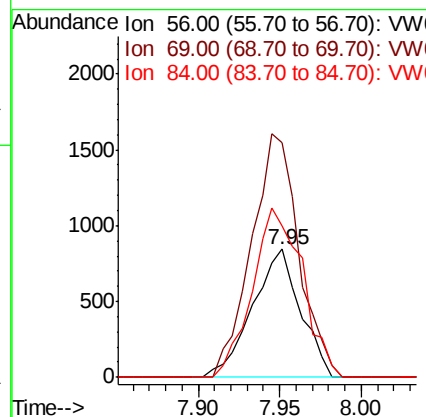
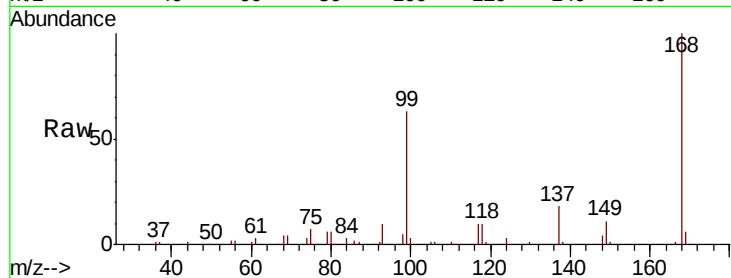




#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007627.D
Acq: 17 Dec 2018 13:23

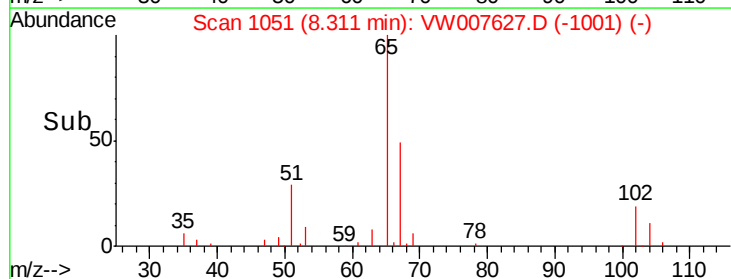
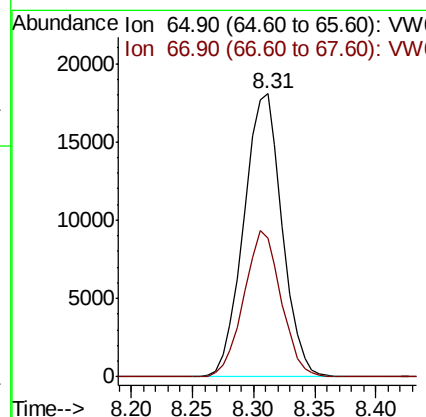
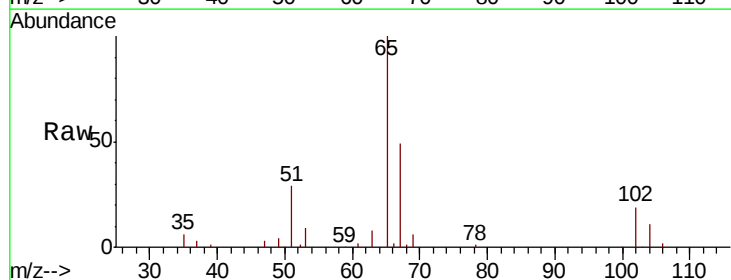
Instrument :
MSVOA_W
ClientSampled :

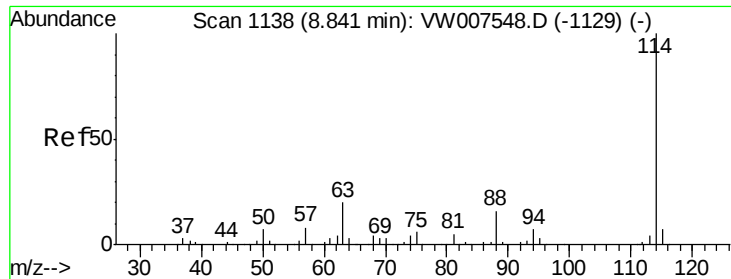
Tot Ion: 56 Resp: 1724
Ion Ratio Lower Upper
56 100
69 183.2 28.9 43.3#
84 118.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 43.718 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW007627.D
Acq: 17 Dec 2018 13:23

Tgt Ion: 65 Resp: 39341
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.6

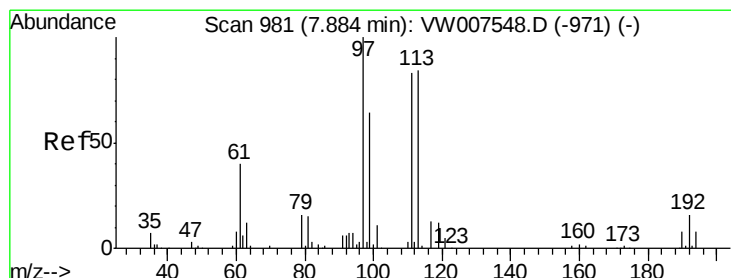
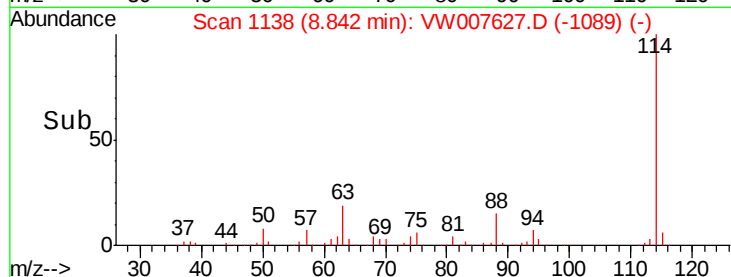
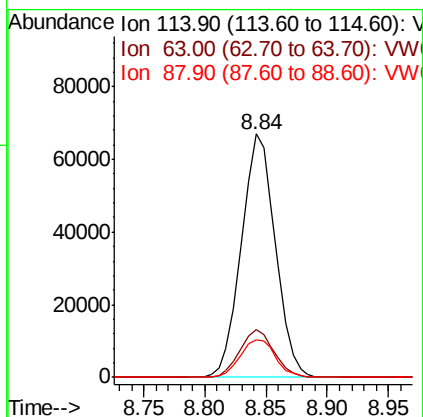
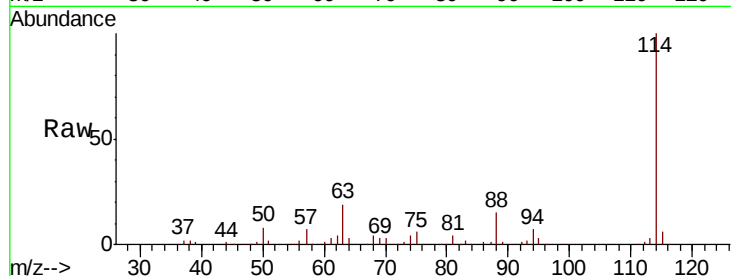




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007627.D
 Acq: 17 Dec 2018 13:23

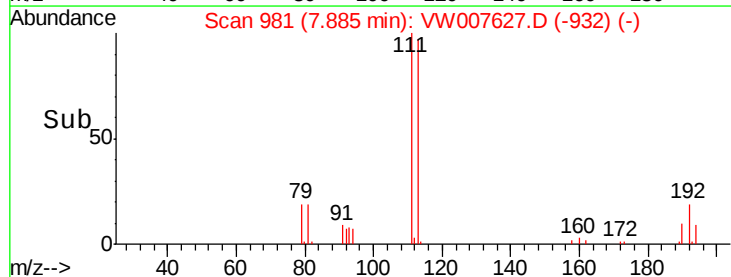
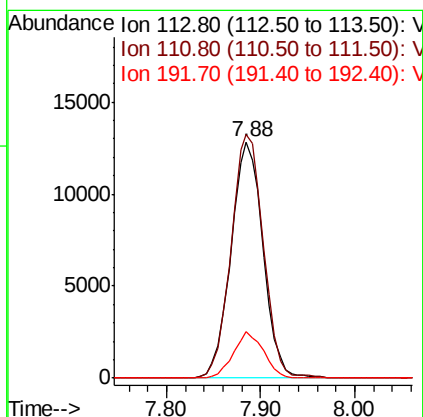
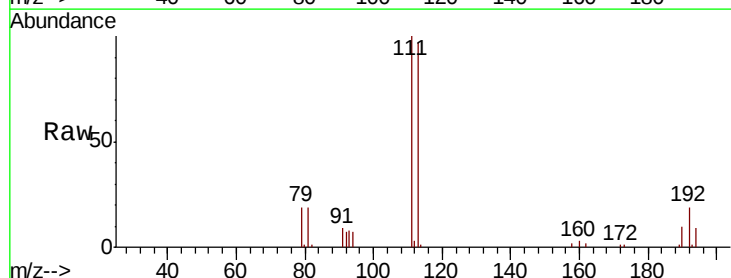
Instrument :
 MSVOA_W
 ClientSampleId :

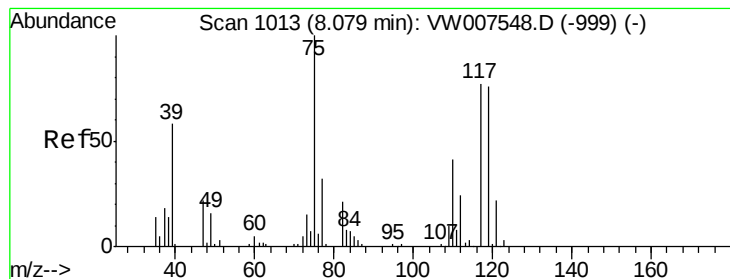
Tot Ion:114 Resp: 129437
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 15.5 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 38.647 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007627.D
 Acq: 17 Dec 2018 13:23

Tgt Ion:113 Resp: 30281
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.1 121.7
 192 18.6 14.6 21.8

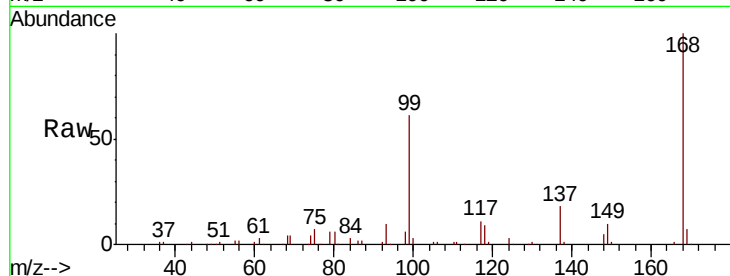




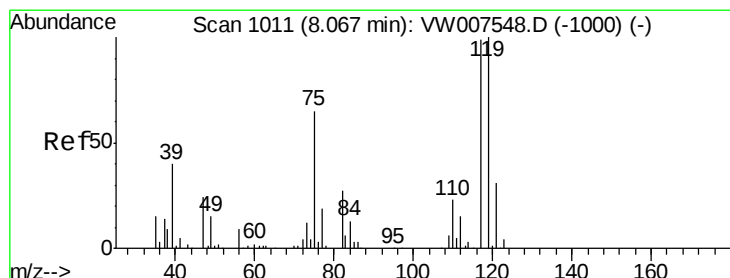
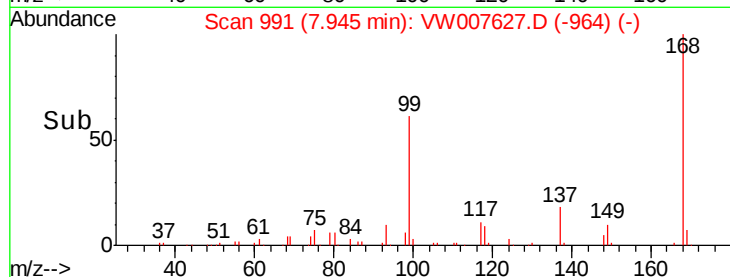
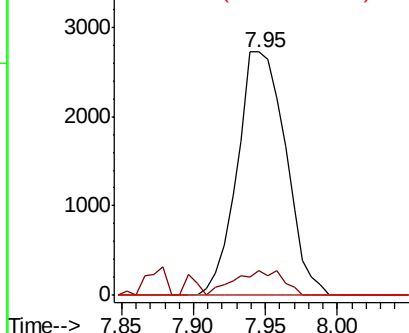
#36
 1,1-Dichloropropene
 Concen: 5.380 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007627.D
 Acq: 17 Dec 2018 13:23

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.5	55.5#
77	0.0	25.6	38.4#

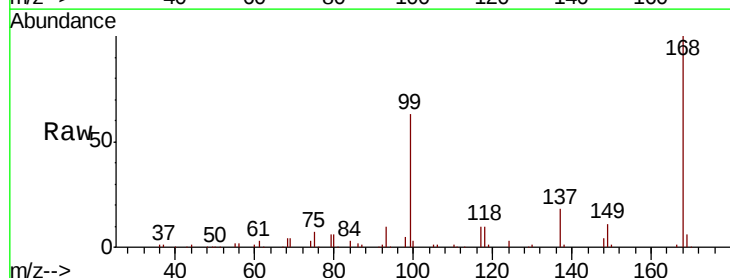


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

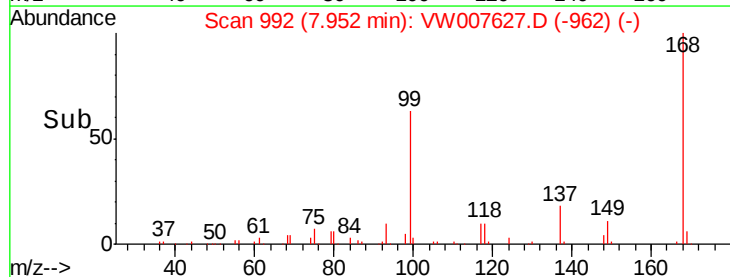
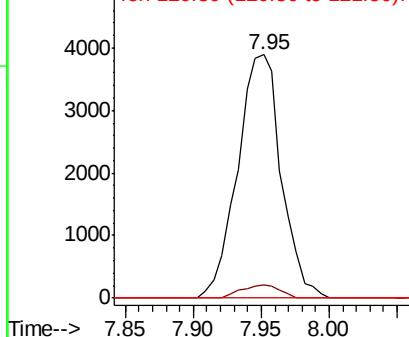


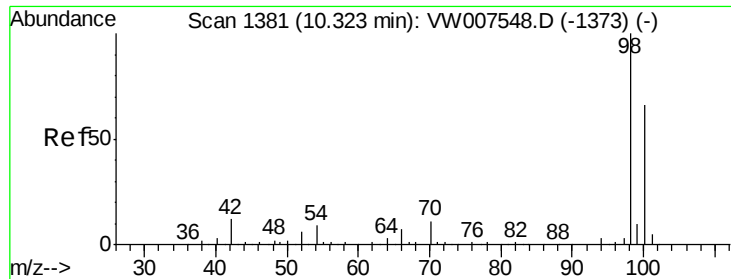
#38
 Carbon Tetrachloride
 Concen: 6.800 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007627.D
 Acq: 17 Dec 2018 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	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

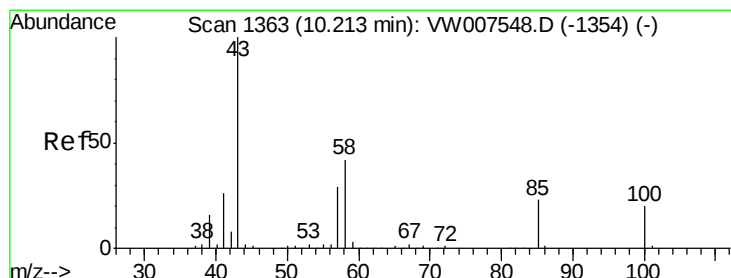
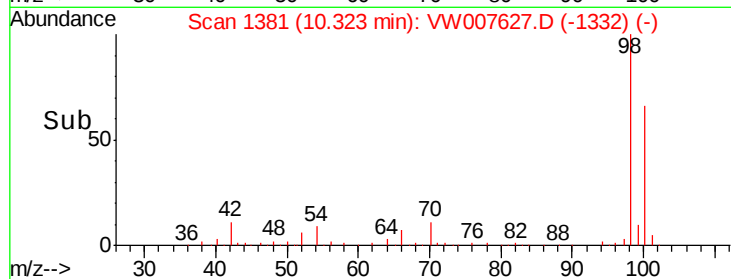
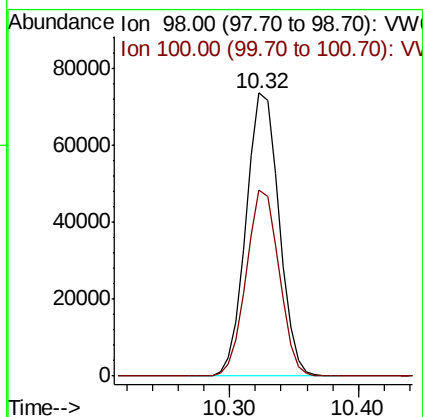
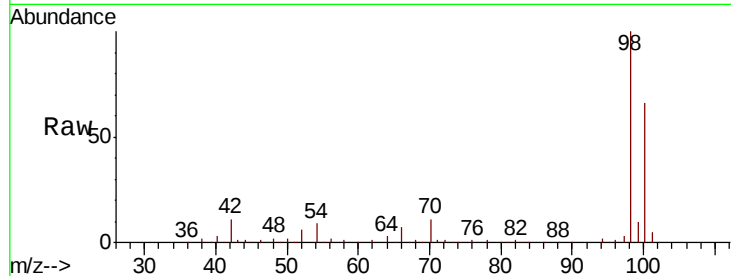




#50
Toluene-d8
Concen: 44.325 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007627.D
Acq: 17 Dec 2018 13:23

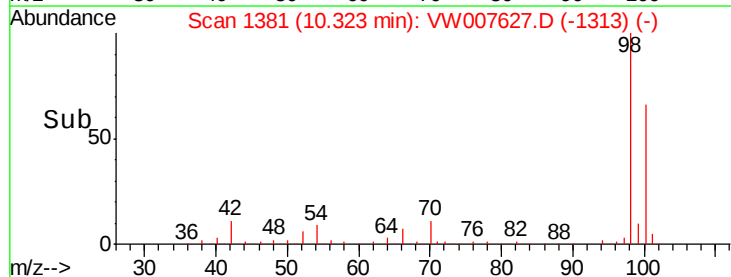
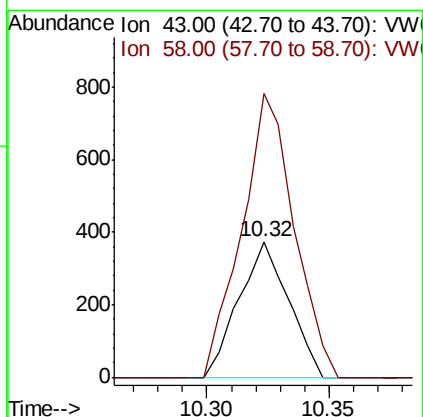
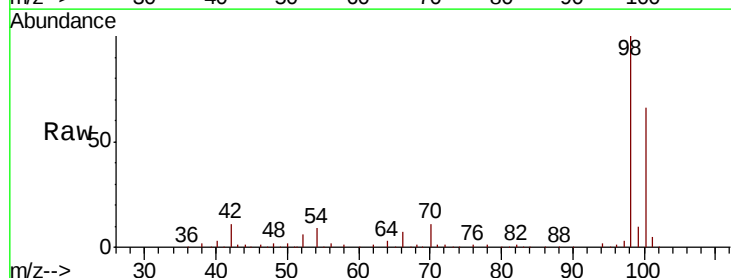
Instrument :
MSVOA_W
ClientSampleId :

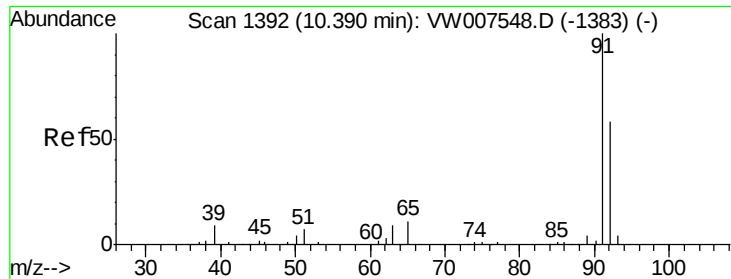
Tot Ion: 98 Resp: 130218
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.291 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.12 min
Lab File: VW007627.D
Acq: 17 Dec 2018 13:23

Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
58 220.6 33.1 49.7#





#52

Toluene

Concen: 1.186 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007627.D

Acq: 17 Dec 2018 13:23

Instrument :

MSVOA_W

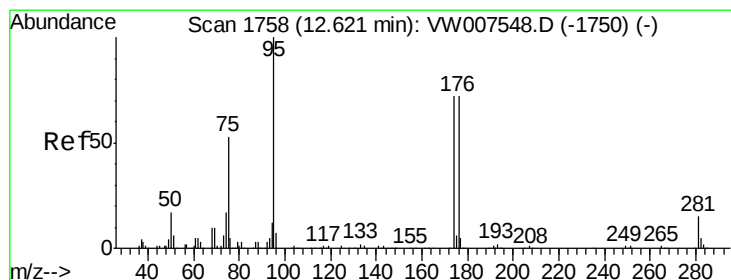
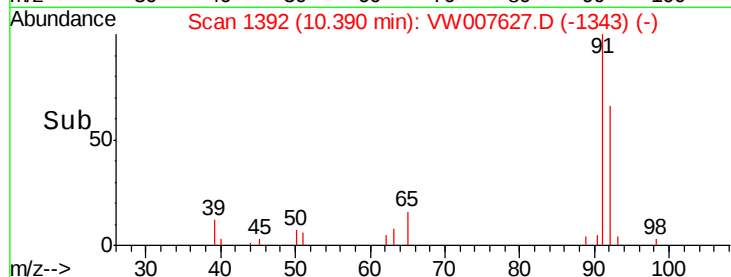
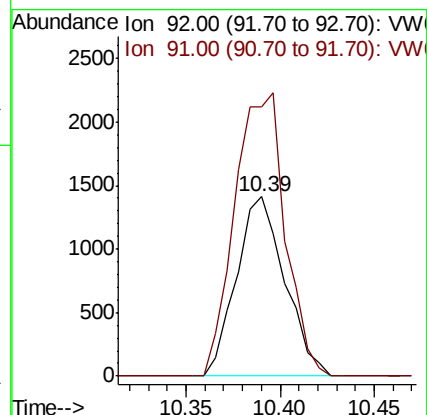
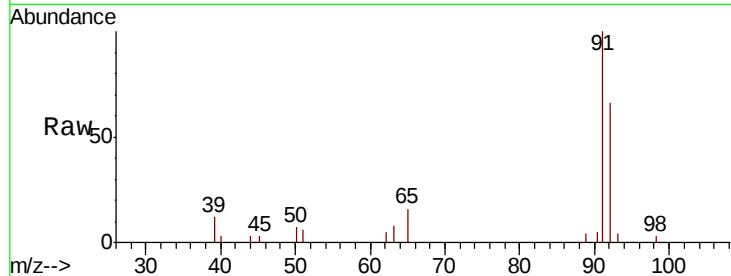
ClientSampleId :

Tot Ion: 92 Resp: 2516

Ion Ratio Lower Upper

92 100

91 164.3 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 40.503 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007627.D

Acq: 17 Dec 2018 13:23

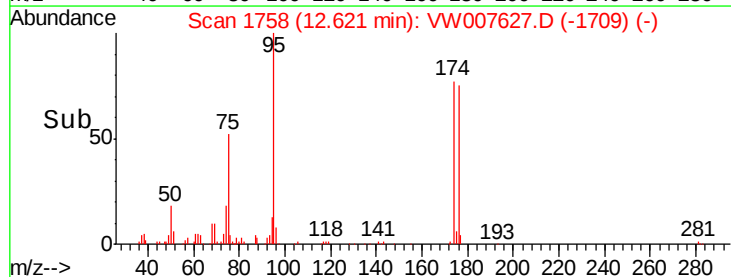
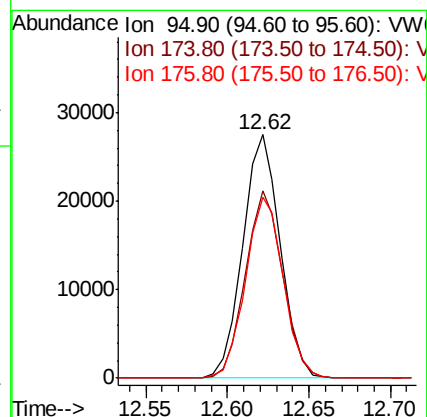
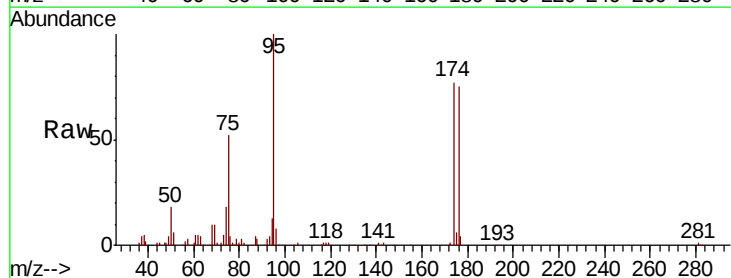
Tgt Ion: 95 Resp: 43750

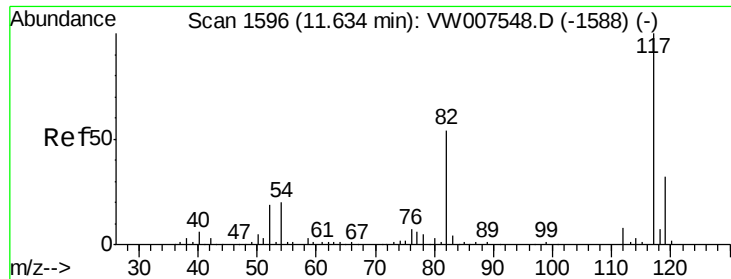
Ion Ratio Lower Upper

95 100

174 77.1 0.0 147.2

176 74.9 0.0 138.8

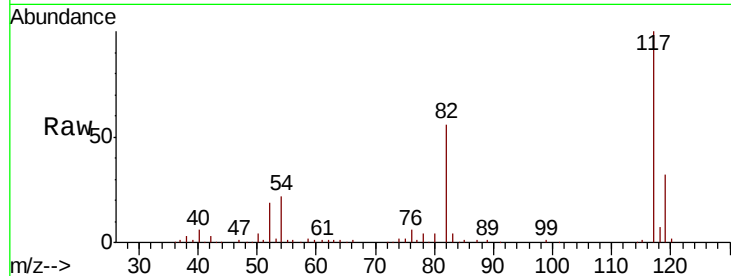




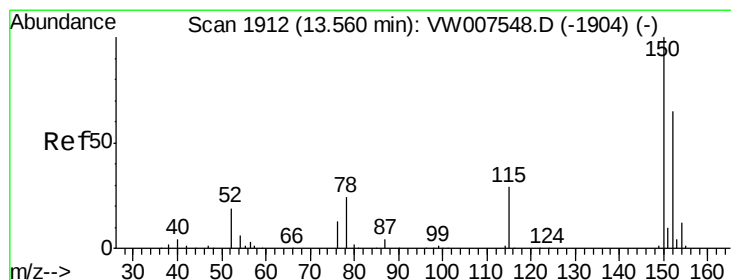
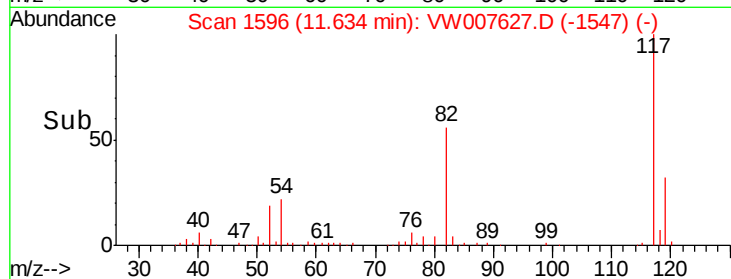
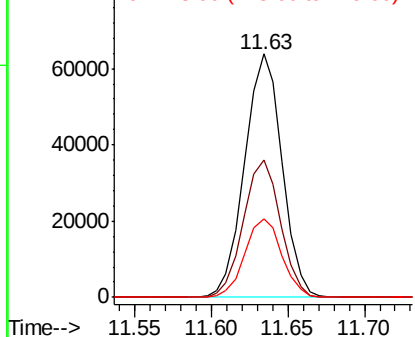
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007627.D
Acq: 17 Dec 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 108491
Ion Ratio Lower Upper
117 100
82 56.2 42.3 63.5
119 32.1 23.0 34.6

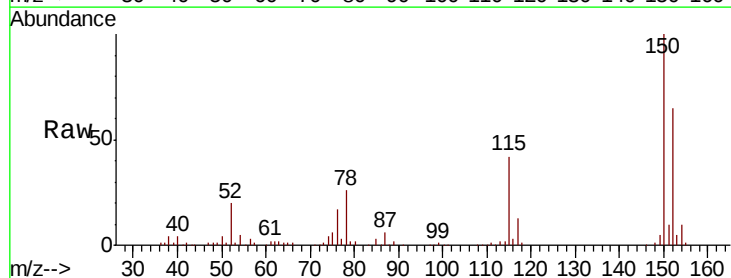


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

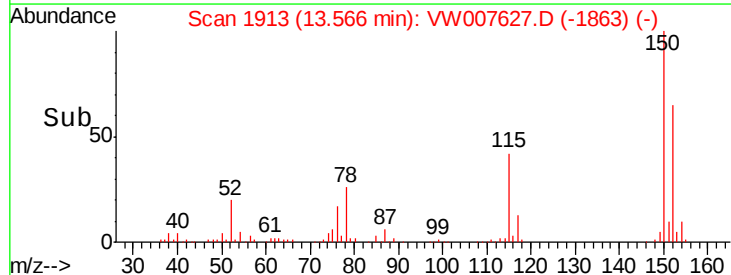
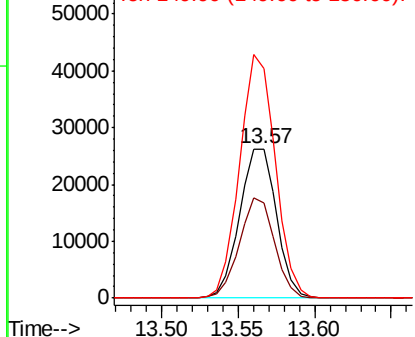


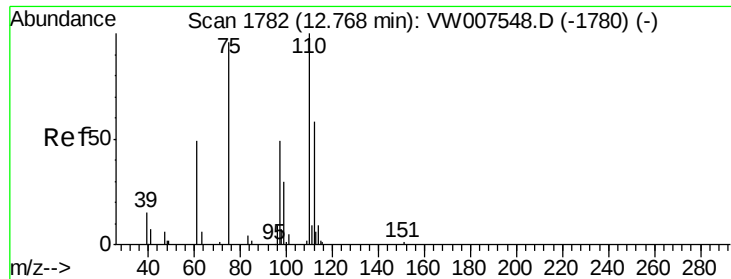
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007627.D
Acq: 17 Dec 2018 13:23

Tgt Ion:152 Resp: 43978
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.2
150 157.9 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

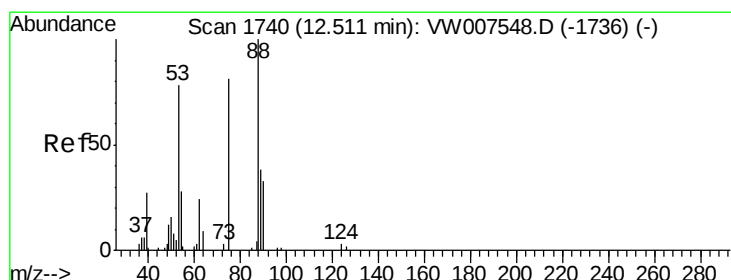
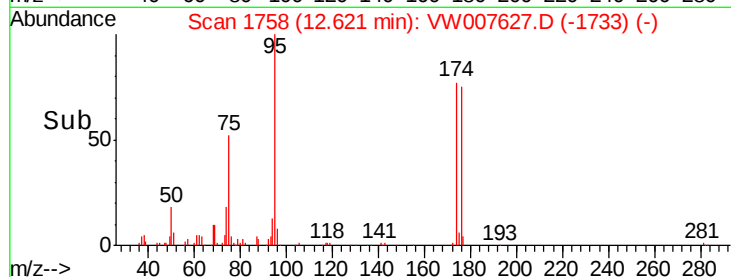
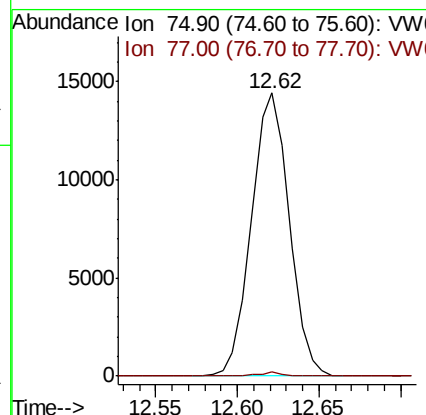
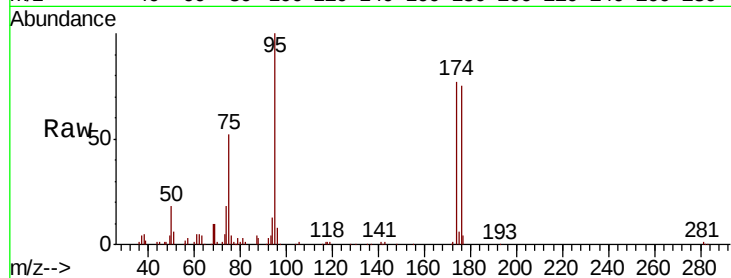




#76
 1,2,3-Trichloropropane
 Concen: 63.953 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007627.D
 Acq: 17 Dec 2018 13:23

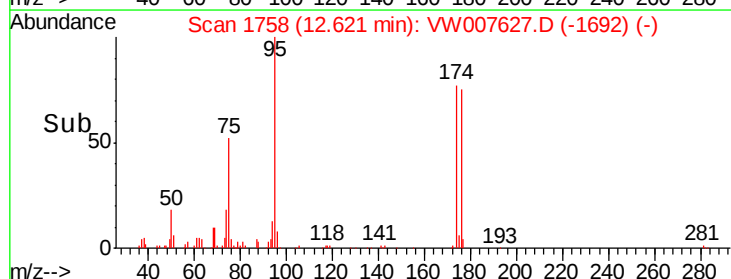
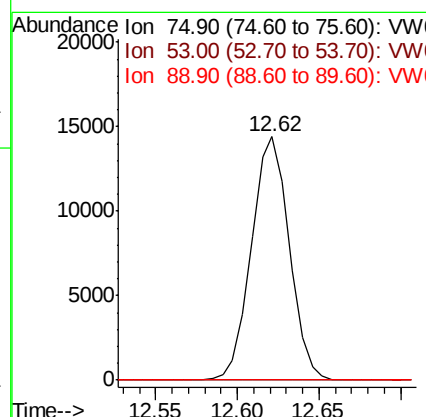
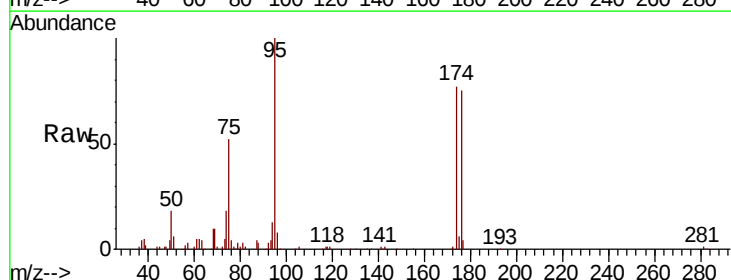
Instrument :
 MSVOA_W
 ClientSampleId :

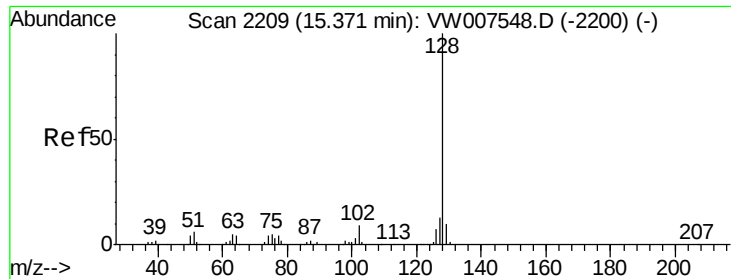
Tot Ion: 75 Resp: 23190
 Ion Ratio Lower Upper
 75 100
 77 0.9 166.9 500.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.272 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007627.D
 Acq: 17 Dec 2018 13:23

Tgt Ion: 75 Resp: 23190
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

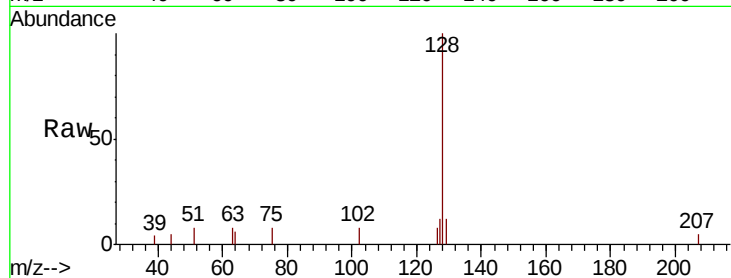




#95
Naphthalene
Concen: 1.357 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007627.D
Acq: 17 Dec 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	9.4	8.3	12.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

