

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007209.D
 Acq On : 05 Dec 2018 02:43
 Operator : SY/AP
 Sample : J6198-01RE
 Misc : 6.62G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-06-120318RE

Quant Time: Dec 05 07:25:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

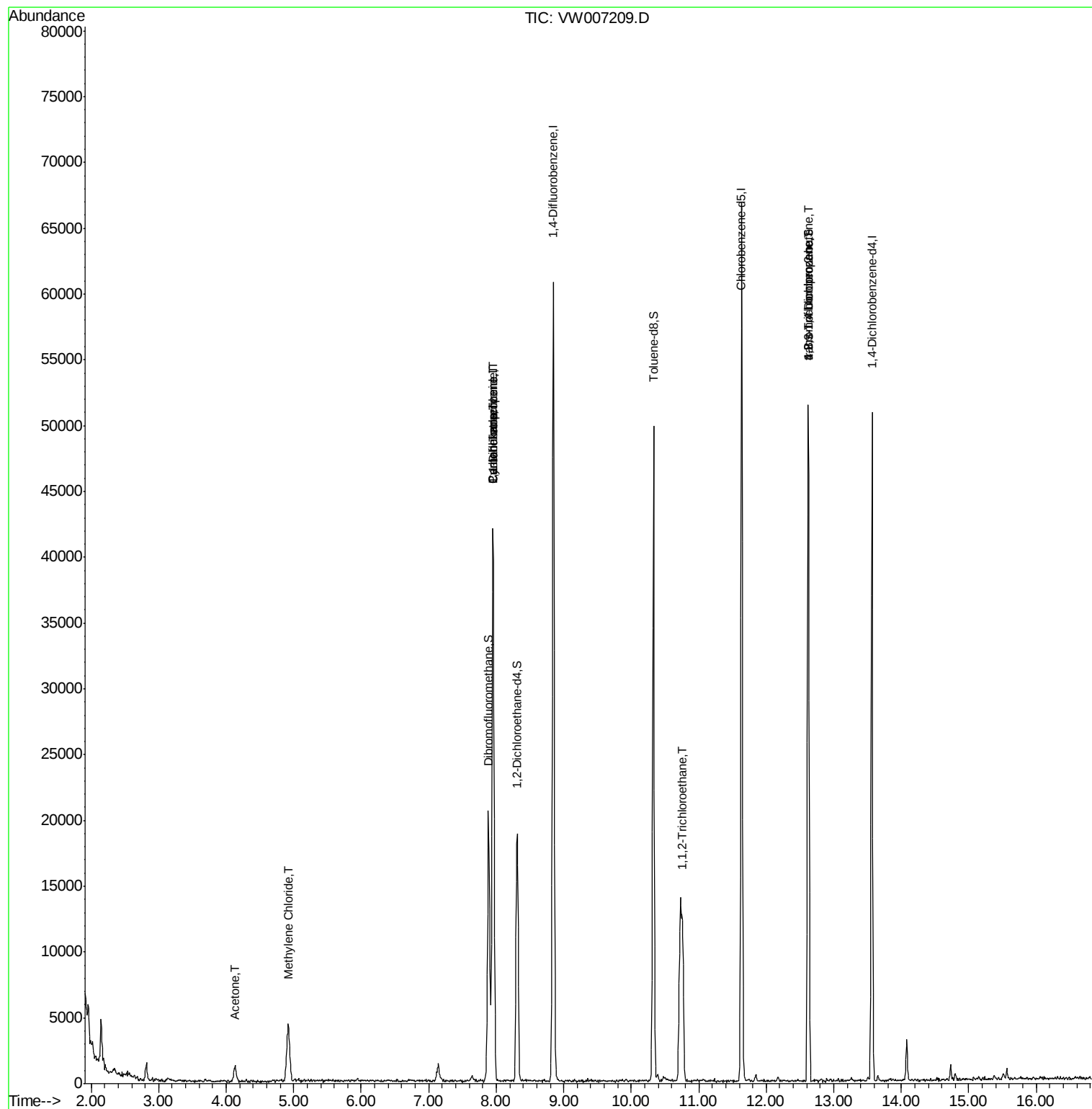
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	31166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	54088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	39467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	13984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	15831	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
35) Dibromofluoromethane	7.88	113	15489	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.33	98	33437	24.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.02%	
62) 4-Bromofluorobenzene	12.62	95	16325	31.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.40%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	2271	33.060	ug/l	98
20) Methylene Chloride	4.92	84	3734	6.228	ug/l	92
31) Cyclohexane	7.95	56	653	1.134	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	2343	4.452	ug/l #	50
38) Carbon Tetrachloride	7.95	117	3229	6.011	ug/l #	13
55) 1,1,2-Trichloroethane	10.75	97	393	1.583	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	8048	38.297	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	8048	160.199	ug/l #	13

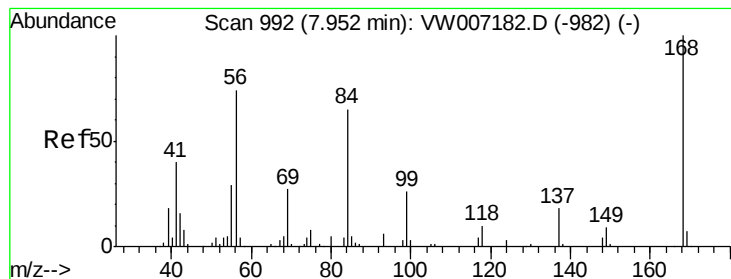
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.62G/5ML/MSVOA W/SOIL
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Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 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: VW007209.D

Acq: 05 Dec 2018 02:43

Instrument :

MSVOA_W

ClientSampleId :

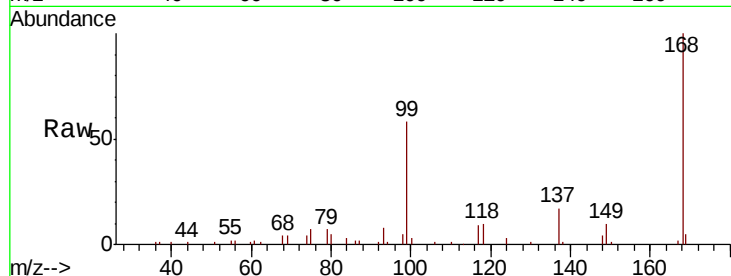
SA-06-120318RE

Tot Ion:168 Resp: 31166

Ion Ratio Lower Upper

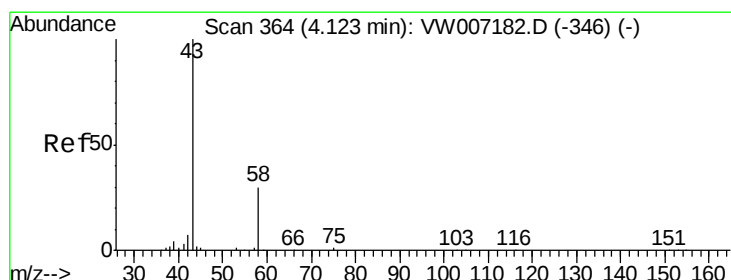
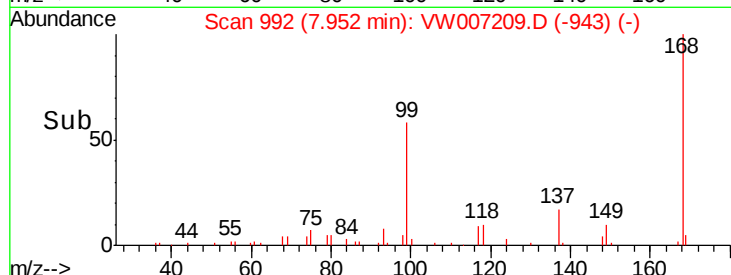
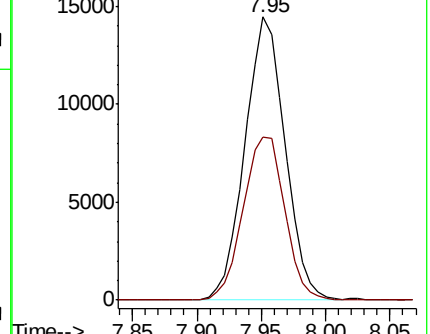
168 100

99 57.7 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 33.060 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW007209.D

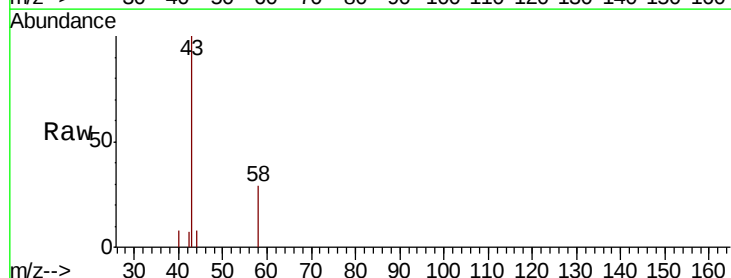
Acq: 05 Dec 2018 02:43

Tgt Ion: 43 Resp: 2271

Ion Ratio Lower Upper

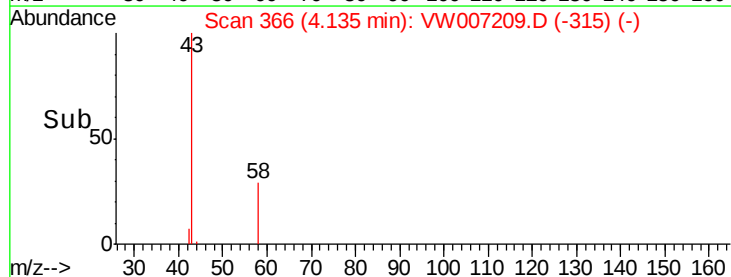
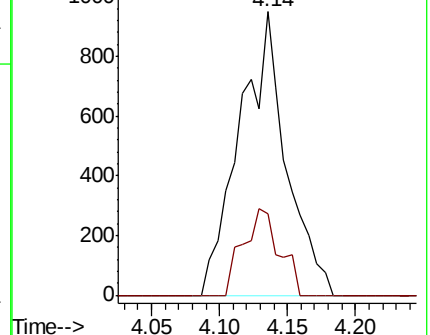
43 100

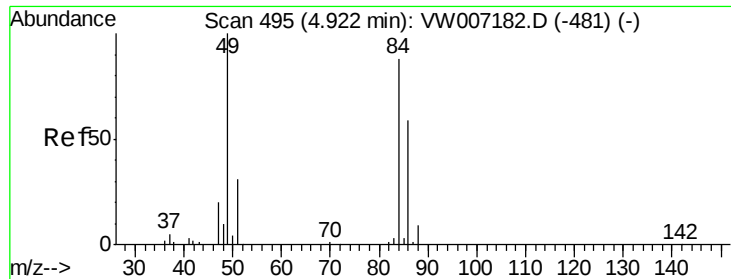
58 28.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



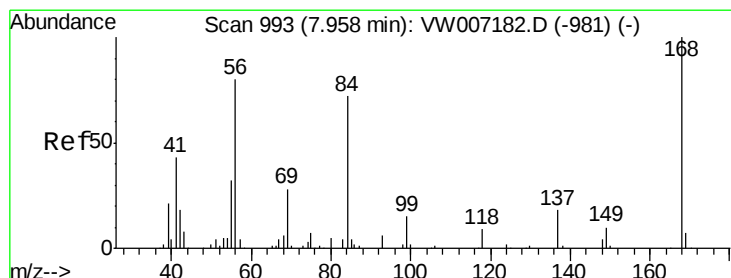
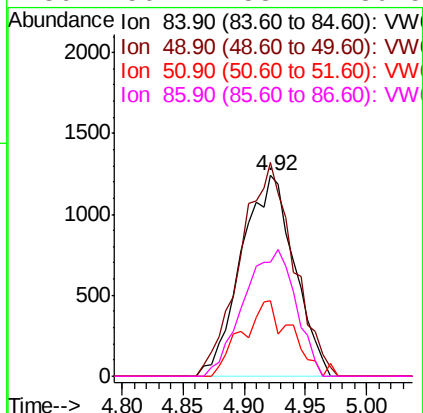
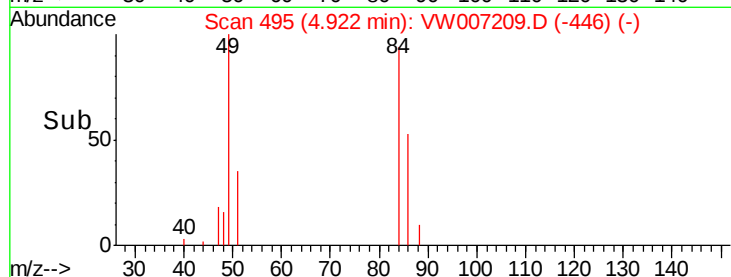
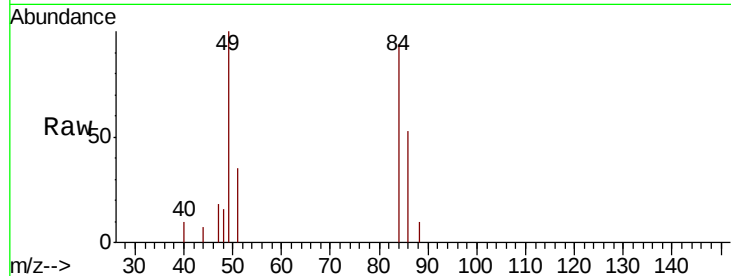


#20
Methvlene Chloride
Concen: 6.228 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007209.D
Acq: 05 Dec 2018 02:43

Instrument :
MSVOA_W
ClientSampleId :
SA-06-120318RE

Tot Ion: 84 Resp: 3734

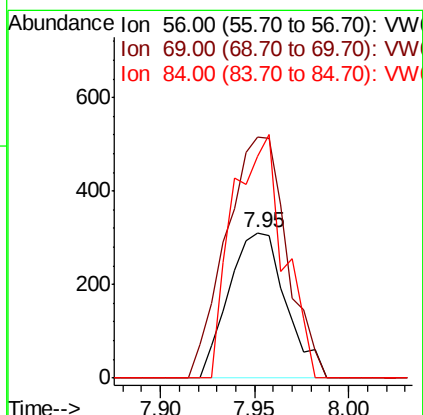
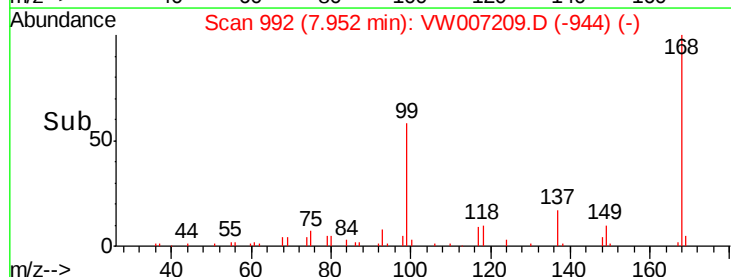
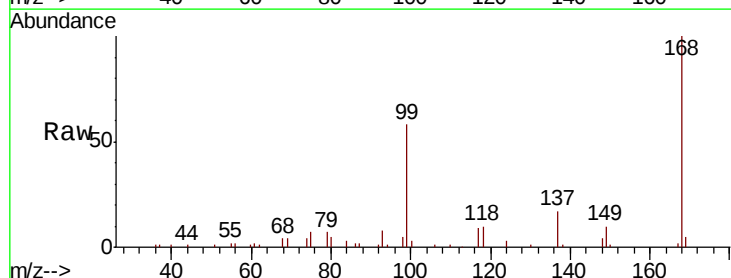
Ion	Ratio	Lower	Upper
84	100		
49	106.5	90.6	135.8
51	37.6	27.6	41.4
86	56.7	53.7	80.5

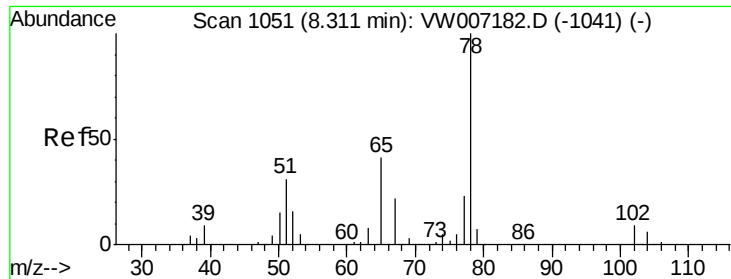


#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007209.D
Acq: 05 Dec 2018 02:43

Tgt Ion: 56 Resp: 653

Ion	Ratio	Lower	Upper
56	100		
69	165.9	28.2	42.2#
84	152.4	72.1	108.1#

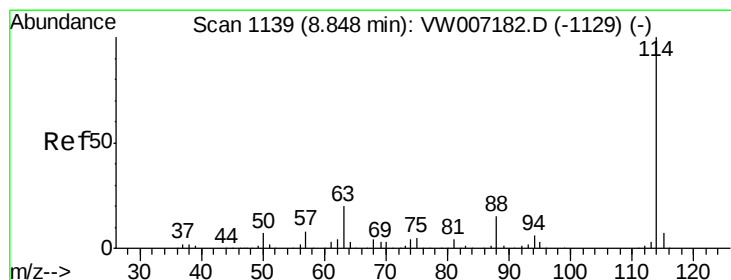
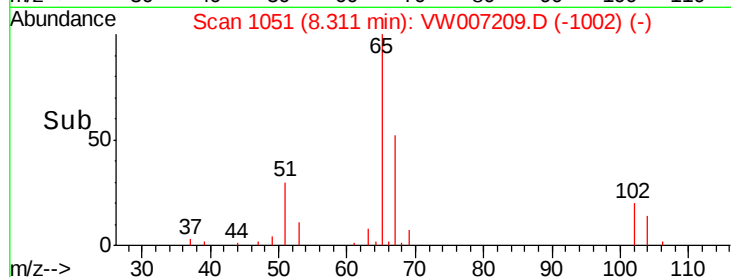
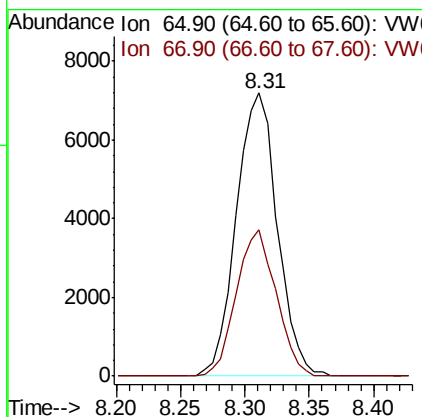
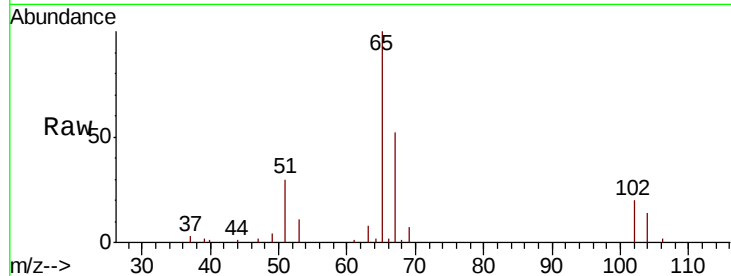




#33
 1,2-Dichloroethane-d4
 Concen: 54.558 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007209.D
 Acq: 05 Dec 2018 02:43

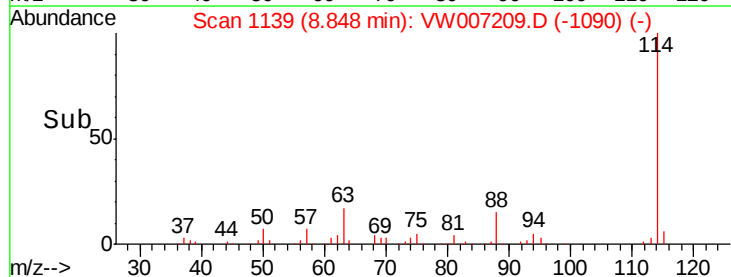
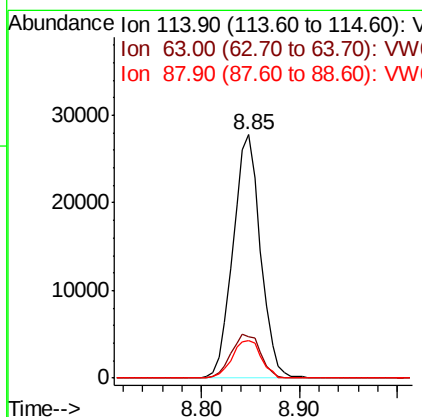
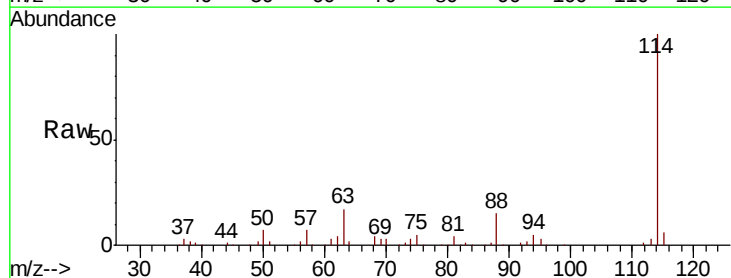
Instrument :
 MSVOA_W
 ClientSampleId :
 SA-06-120318RE

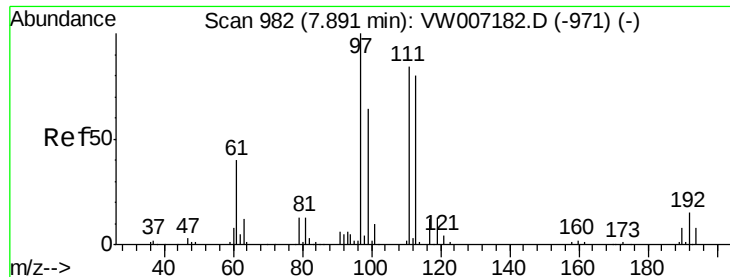
Tot Ion: 65 Resp: 15831
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007209.D
 Acq: 05 Dec 2018 02:43

Tgt Ion: 114 Resp: 54088
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 40.2
 88 15.2 0.0 30.0

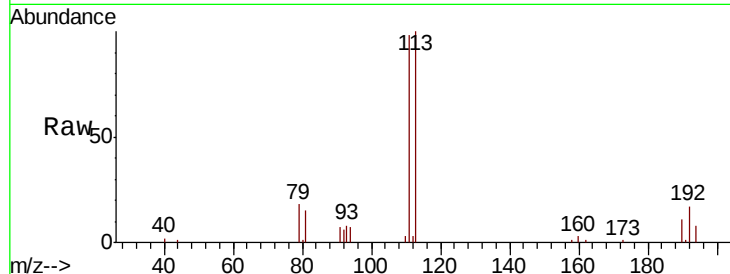




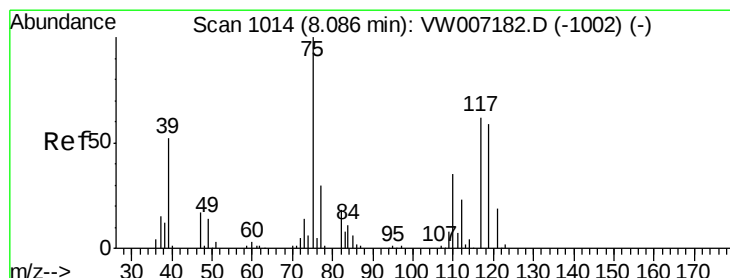
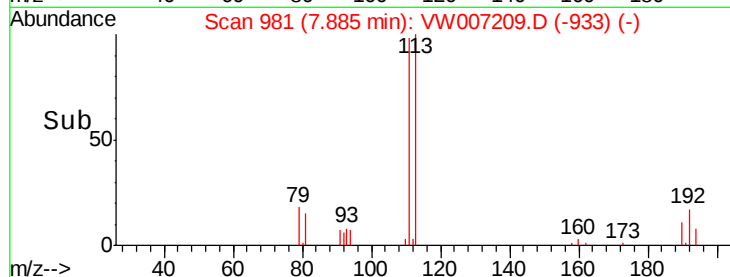
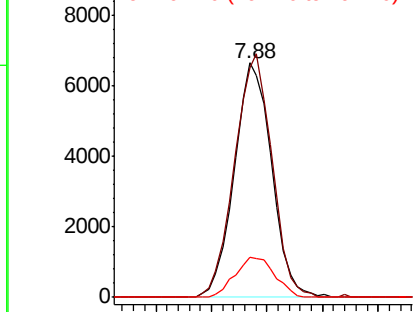
#35
Dibromofluoromethane
Concen: 50.012 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007209.D
Acq: 05 Dec 2018 02:43

Instrument :
MSVOA_W
ClientSampleId :
SA-06-120318RE

Tot Ion:113 Resp: 15489
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 18.2 14.4 21.6

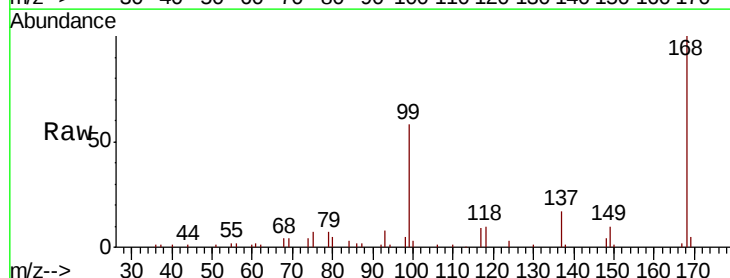


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

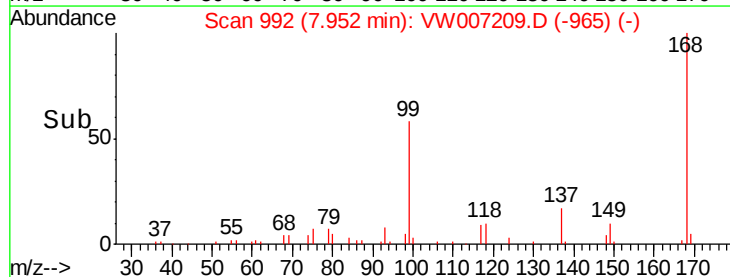
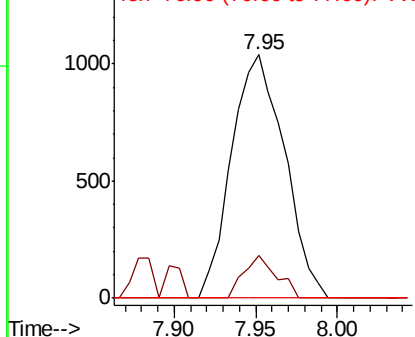


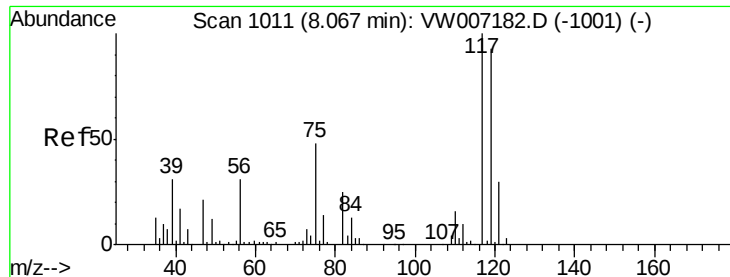
#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW007209.D
Acq: 05 Dec 2018 02:43

Tgt Ion: 75 Resp: 2343
Ion Ratio Lower Upper
75 100
110 10.8 18.3 54.9#
77 0.0 24.9 37.3#



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: 6.011 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007209.D

Acq: 05 Dec 2018 02:43

Instrument :

MSVOA_W

ClientSampleId :

SA-06-120318RE

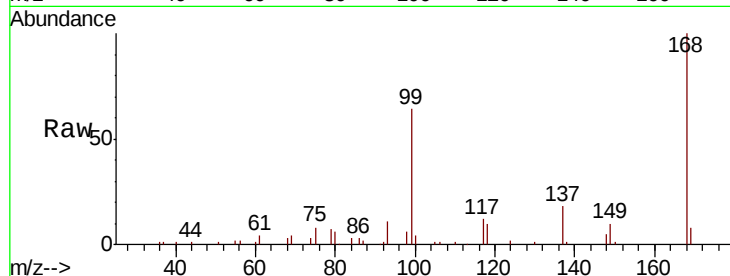
Tot Ion:117 Resp: 3229

Ion Ratio Lower Upper

117 100

119 0.0 74.1 111.1#

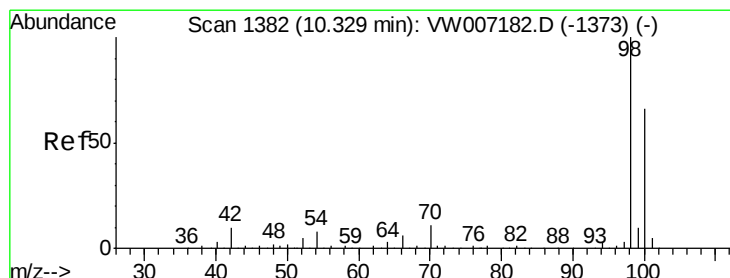
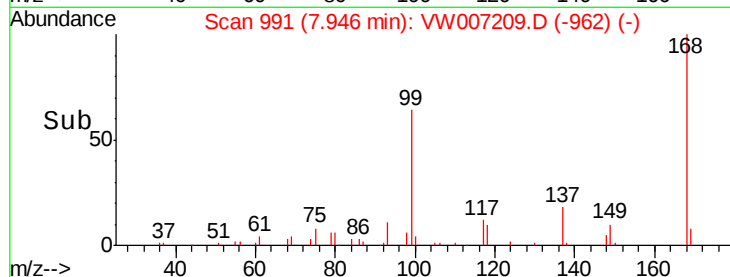
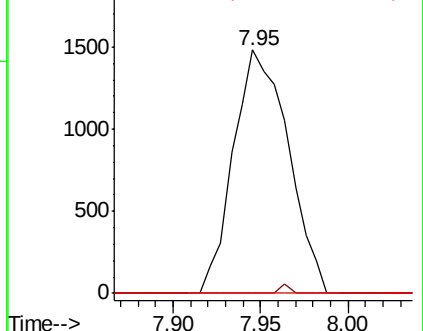
121 0.0 23.9 35.9#



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: 24.509 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007209.D

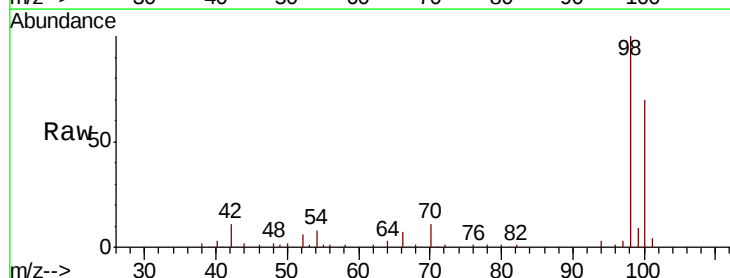
Acq: 05 Dec 2018 02:43

Tgt Ion: 98 Resp: 33437

Ion Ratio Lower Upper

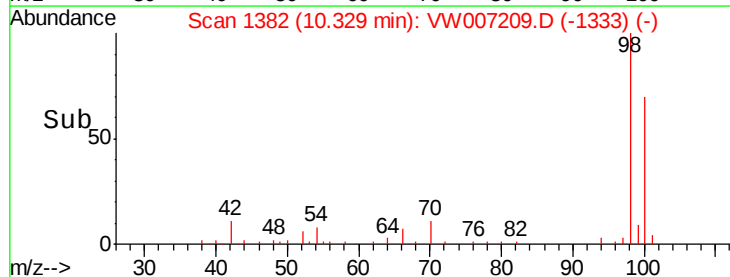
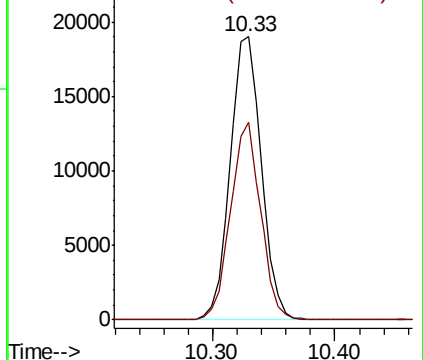
98 100

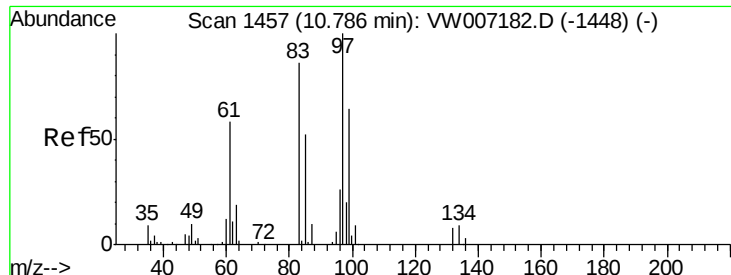
100 67.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

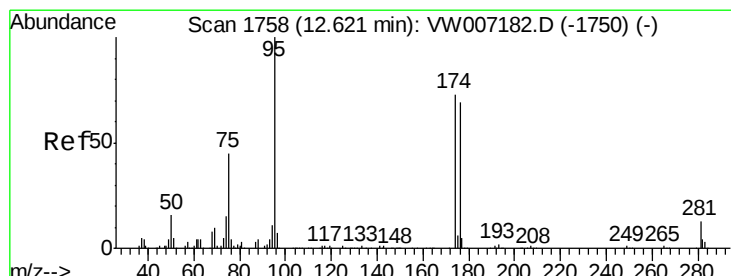
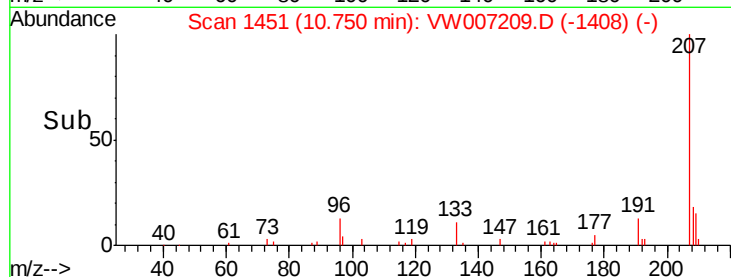
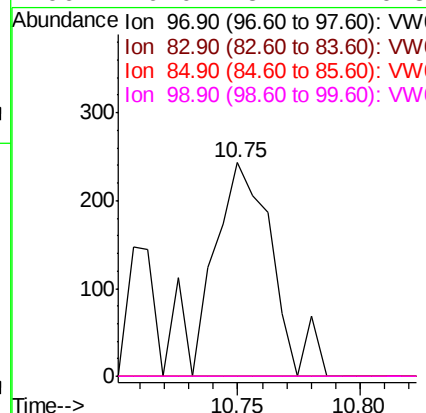
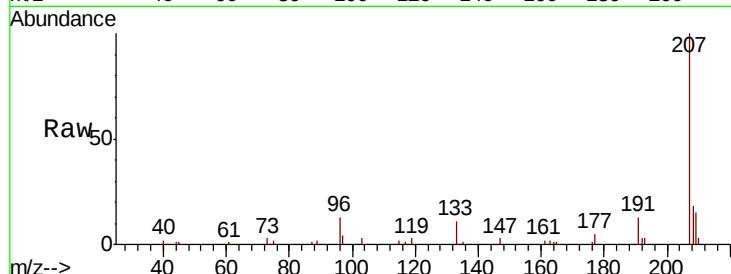




#55
 1,1,2-Trichloroethane
 Concen: 1.583 ug/l
 RT: 10.75 min Scan# 1451
 Delta R.T. -0.04 min
 Lab File: VW007209.D
 Acq: 05 Dec 2018 02:43

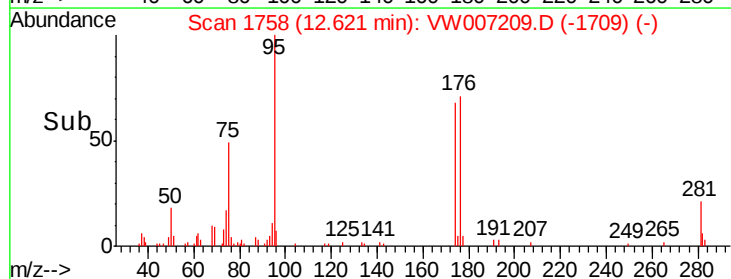
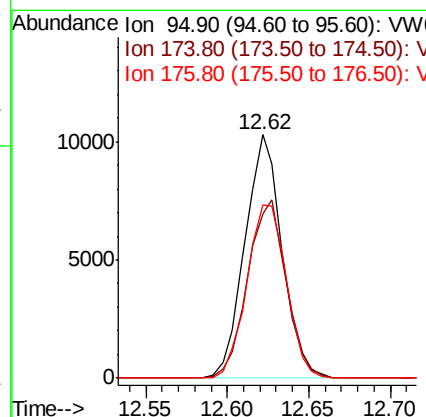
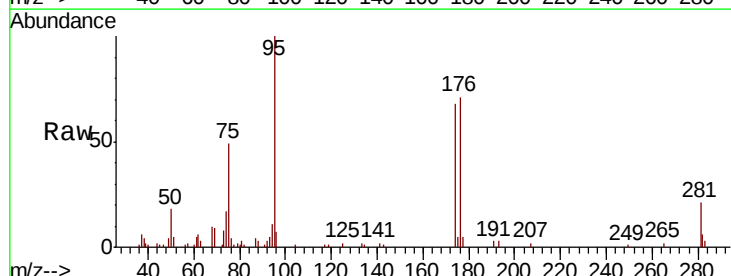
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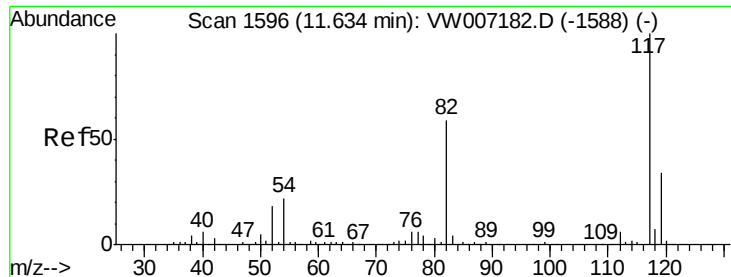
Tot Ion:	97	Resp:	393
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.6	102.8#
85	0.0	41.4	62.2#
99	0.0	51.2	76.8#



#62
 4-Bromofluorobenzene
 Concen: 31.703 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007209.D
 Acq: 05 Dec 2018 02:43

Tgt Ion:	95	Resp:	16325
Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	148.0
176	75.6	0.0	139.4

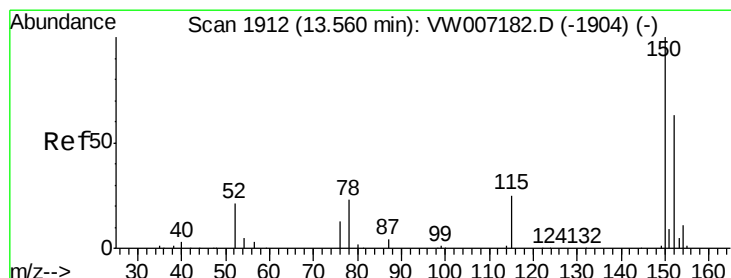
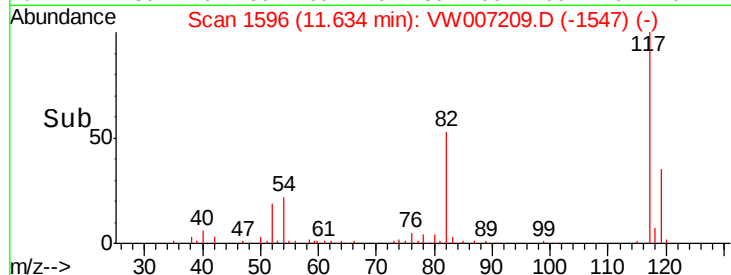
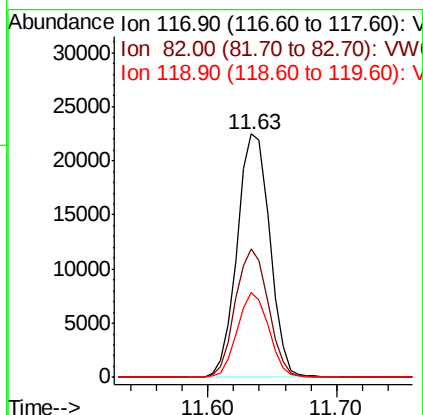
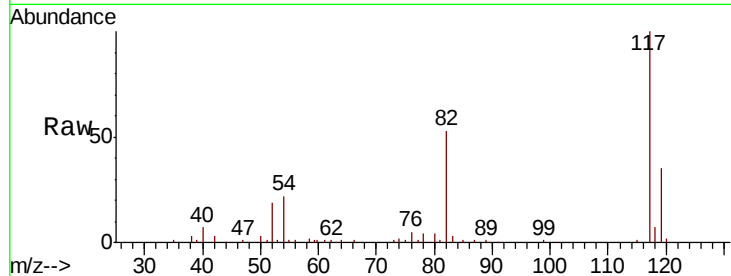




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007209.D
Acq: 05 Dec 2018 02:43

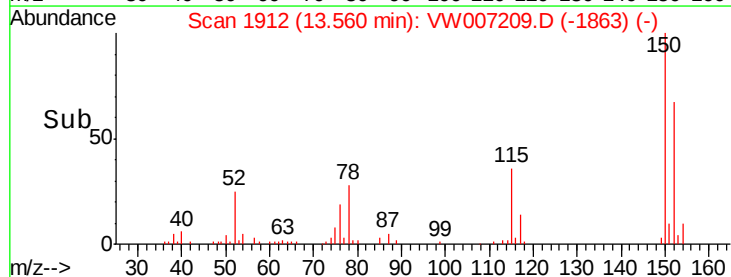
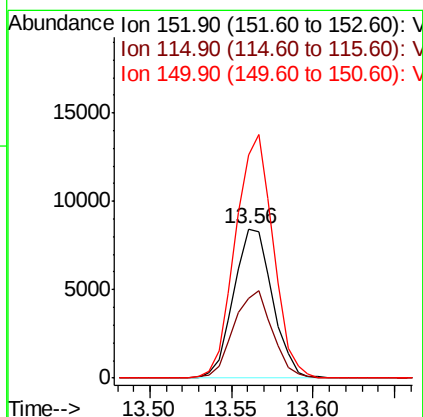
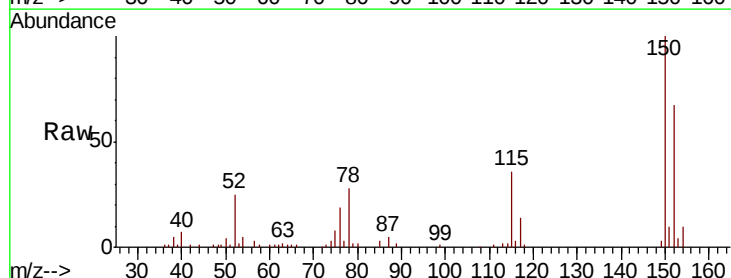
Instrument :
MSVOA_W
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SA-06-120318RE

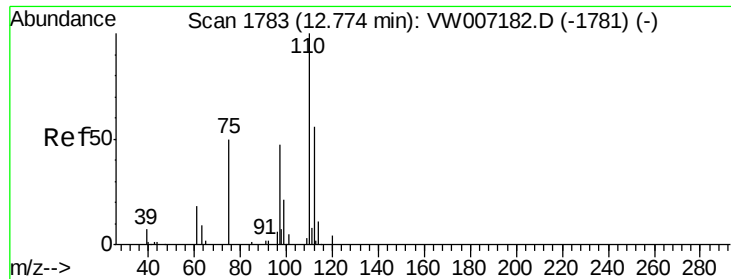
Tot Ion:117 Resp: 39467
Ion Ratio Lower Upper
117 100
82 52.7 47.4 71.2
119 35.1 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007209.D
Acq: 05 Dec 2018 02:43

Tgt Ion:152 Resp: 13984
Ion Ratio Lower Upper
152 100
115 58.1 31.3 93.8
150 158.7 0.0 358.0





#76

1,2,3-Trichloropropane

Concen: 38.297 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007209.D

Acq: 05 Dec 2018 02:43

Instrument :

MSVOA_W

ClientSampleId :

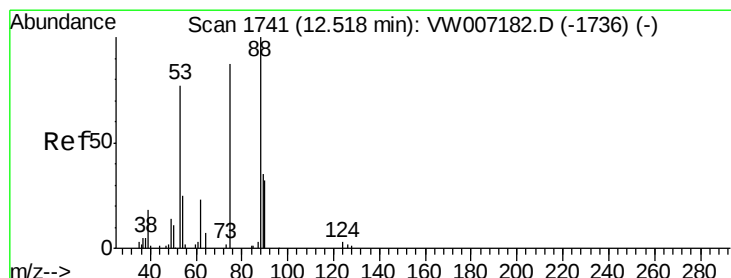
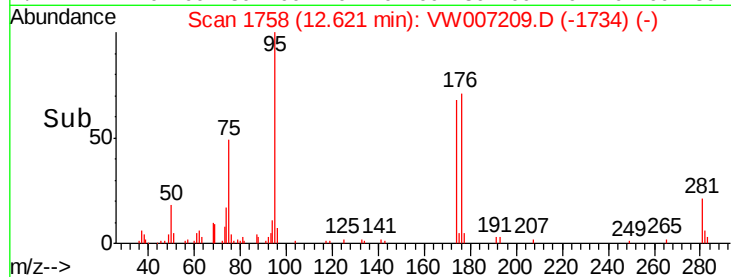
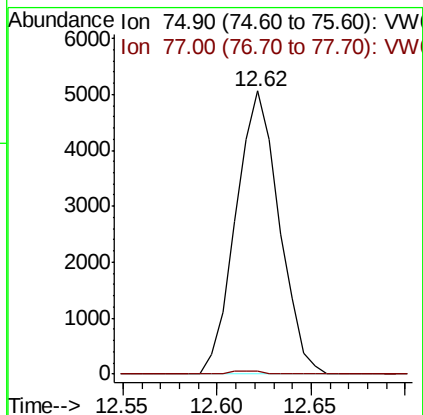
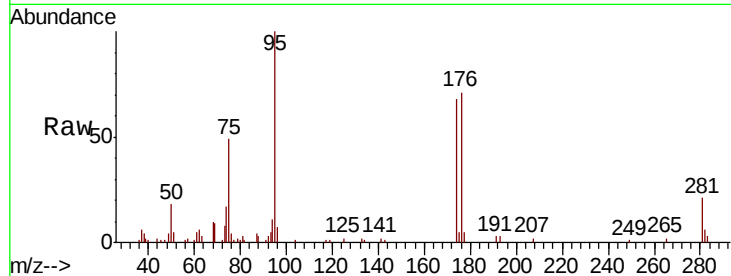
SA-06-120318RE

Tot Ion: 75 Resp: 8048

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 160.199 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007209.D

Acq: 05 Dec 2018 02:43

Tgt Ion: 75 Resp: 8048

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

