

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007275.D
 Acq On : 06 Dec 2018 12:10
 Operator : SY/AP
 Sample : J6214-11
 Misc : 5.30G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:42:12 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

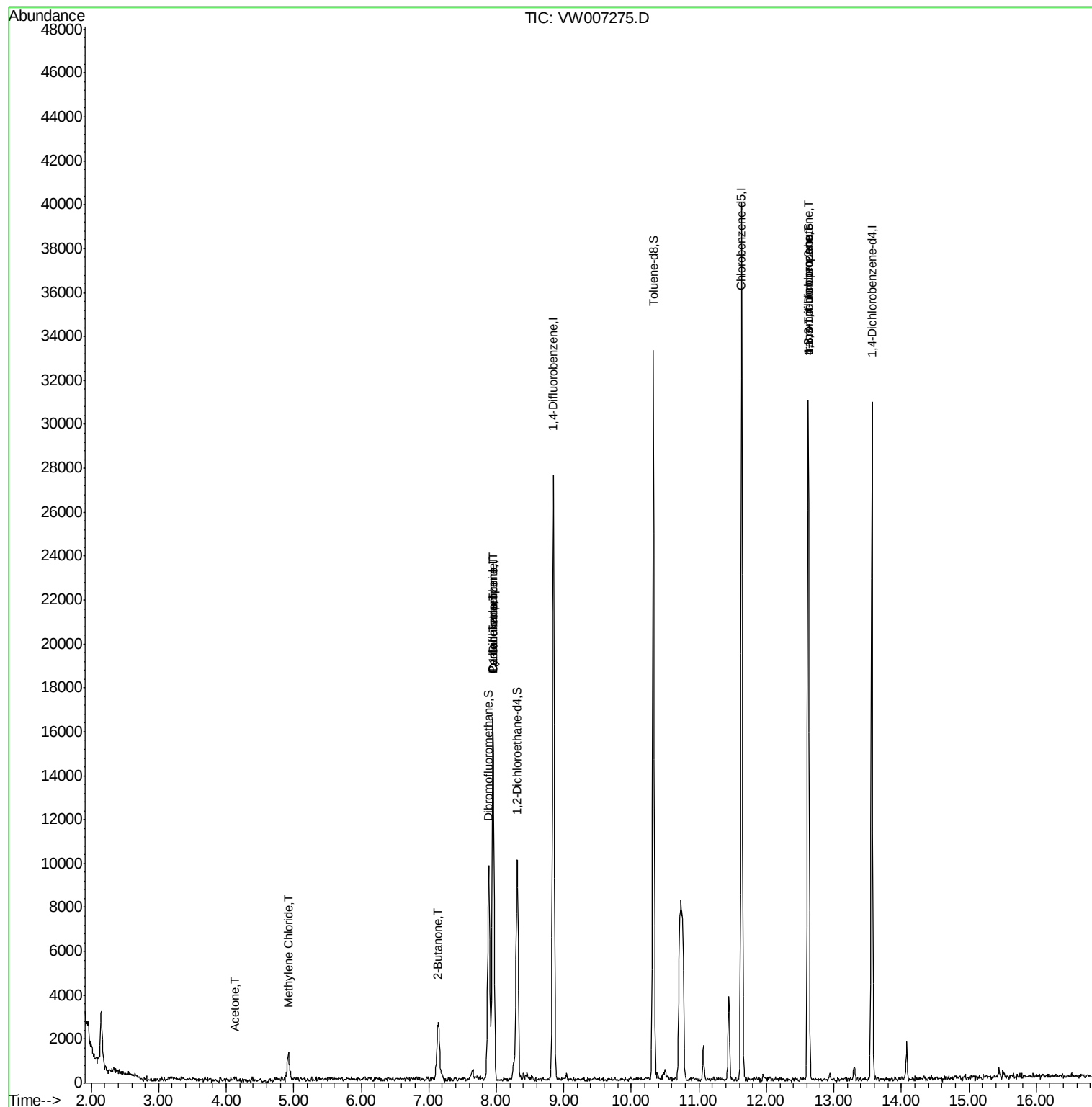
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	12419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	24500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	22173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	8365	72.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.70%	
35) Dibromofluoromethane	7.89	113	7127	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	10.33	98	22838	36.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.92%	
62) 4-Bromofluorobenzene	12.62	95	8826	37.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.68%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	312	11.398	ug/l #	55
20) Methylene Chloride	4.92	84	946	1.839	ug/l #	82
25) 2-Butanone	7.13	43	74	2.332	ug/l #	46
31) Cyclohexane	7.96	56	298	1.299	ug/l #	45
36) 1,1-Dichloropropene	7.96	75	970	4.069	ug/l #	45
38) Carbon Tetrachloride	7.95	117	1220	5.014	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	4140	63.689	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	4140	137.273	ug/l #	13

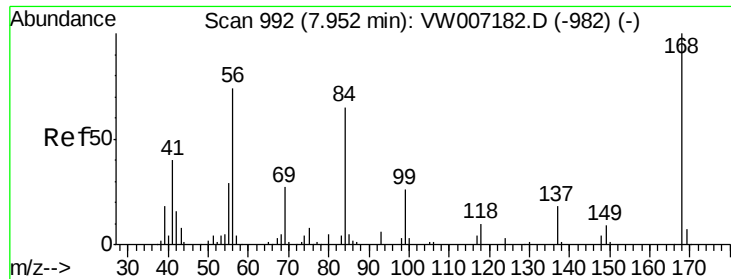
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007275.D

Acq: 06 Dec 2018 12:10

Instrument :

MSVOA_W

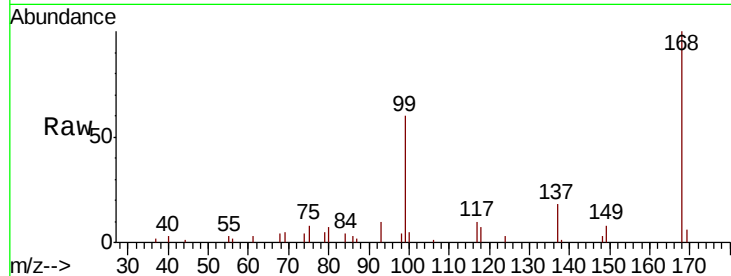
ClientSampleId :

Tot Ion:168 Resp: 12419

Ion Ratio Lower Upper

168 100

99 60.1 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

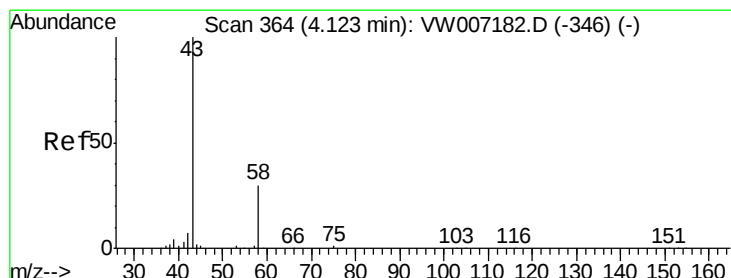
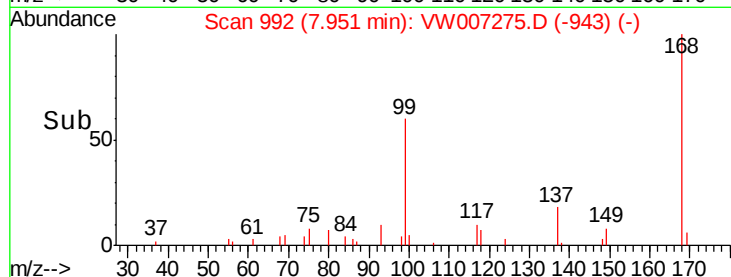
6000

4000

2000

0

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 11.398 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007275.D

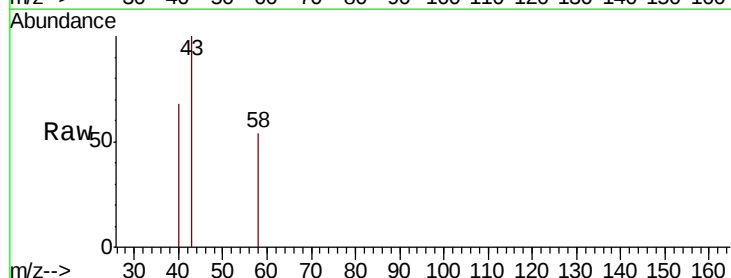
Acq: 06 Dec 2018 12:10

Tgt Ion: 43 Resp: 312

Ion Ratio Lower Upper

43 100

58 54.2 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

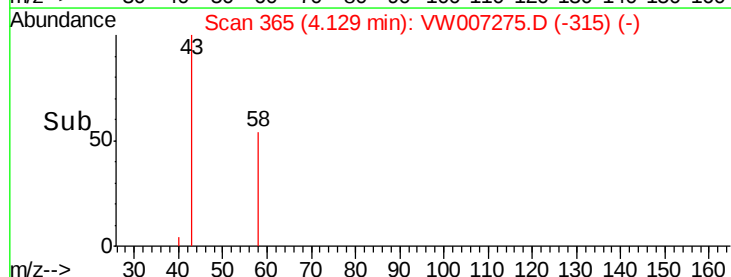
150

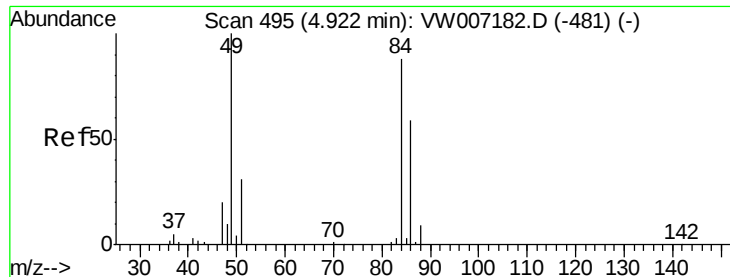
100

50

0

4.10 4.15





#20

Methylene Chloride

Concen: 1.839 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007275.D

Acq: 06 Dec 2018 12:10

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 946

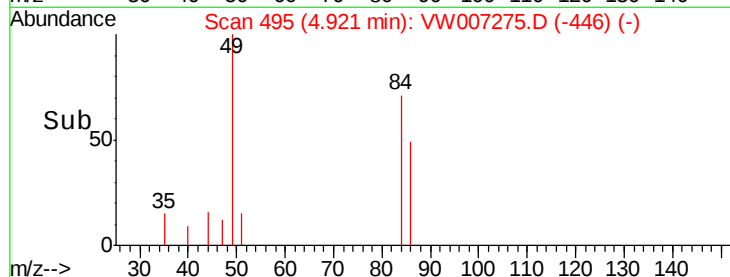
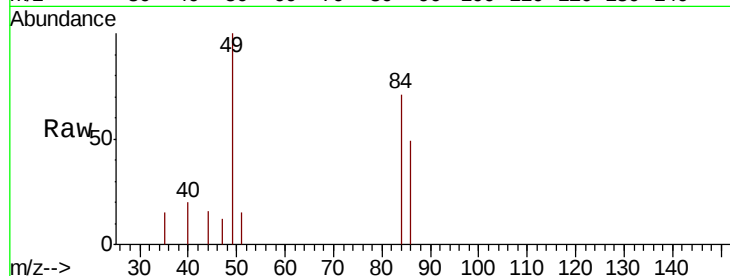
Ion Ratio Lower Upper

84 100

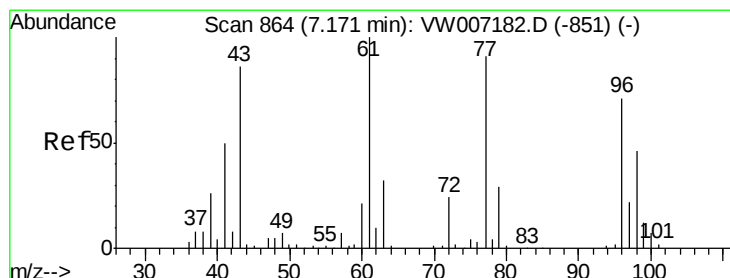
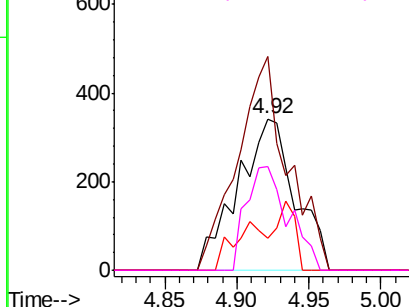
49 141.3 90.6 135.8#

51 21.7 27.6 41.4#

86 68.6 53.7 80.5



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: 2.332 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW007275.D

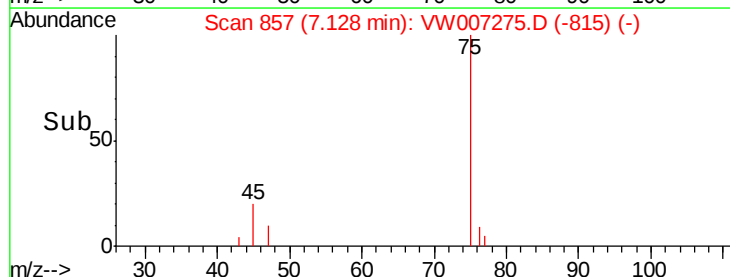
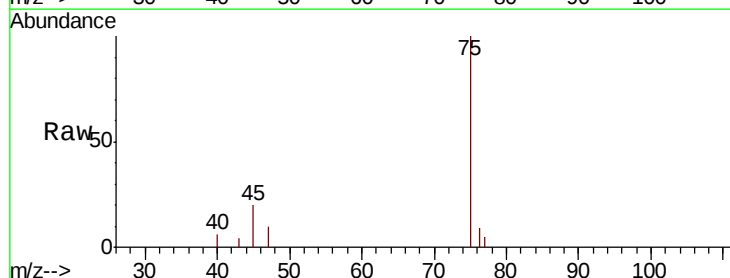
Acq: 06 Dec 2018 12:10

Tgt Ion: 43 Resp: 74

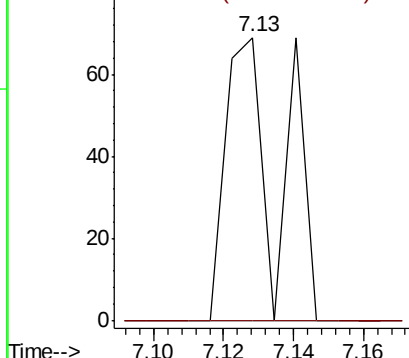
Ion Ratio Lower Upper

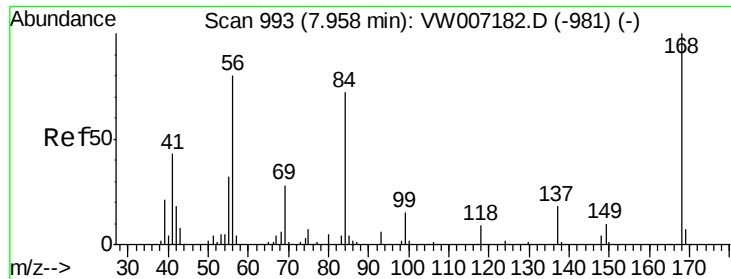
43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

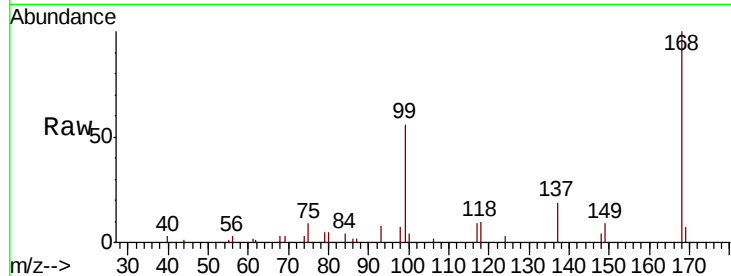




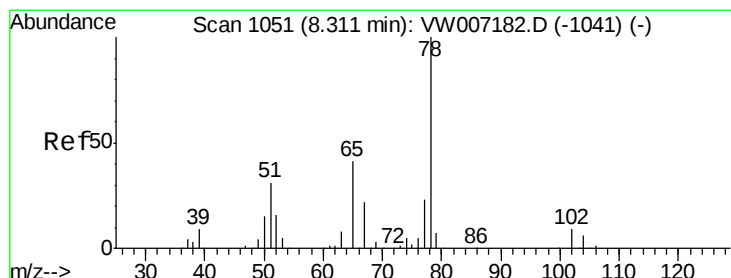
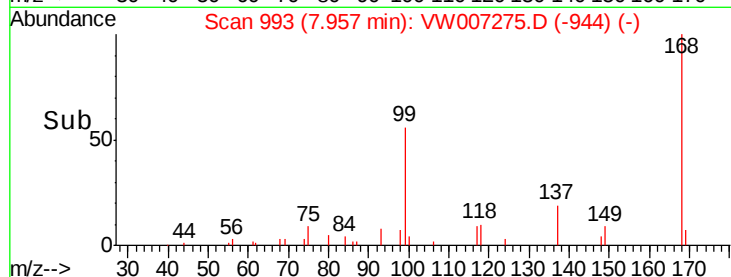
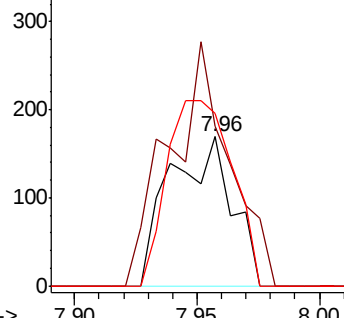
#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007275.D
Acq: 06 Dec 2018 12:10

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 298
Ion Ratio Lower Upper
56 100
69 107.7 28.2 42.2#
84 116.0 72.1 108.1#

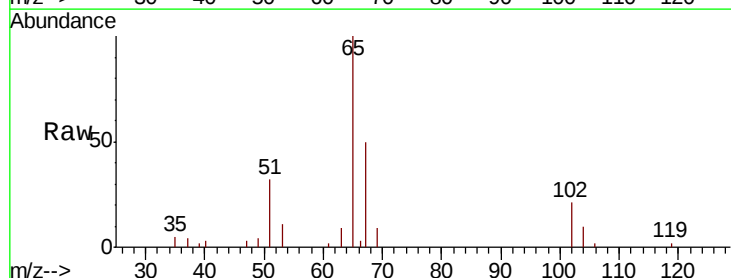


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

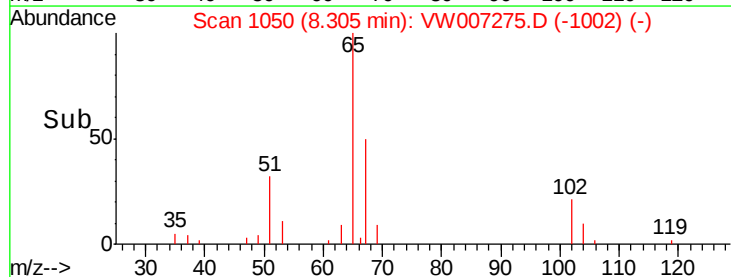
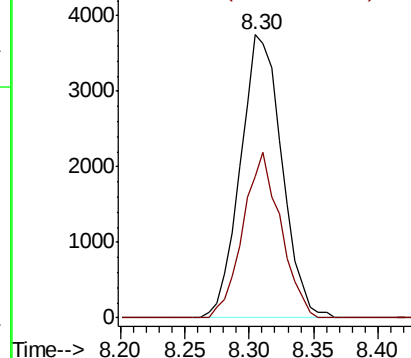


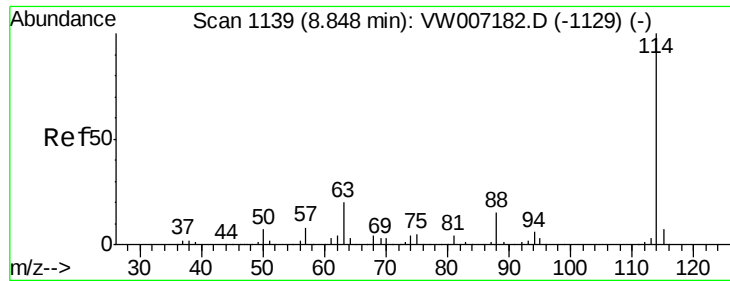
#33
1,2-Dichloroethane-d4
Concen: 72.345 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007275.D
Acq: 06 Dec 2018 12:10

Tgt Ion: 65 Resp: 8365
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.4



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

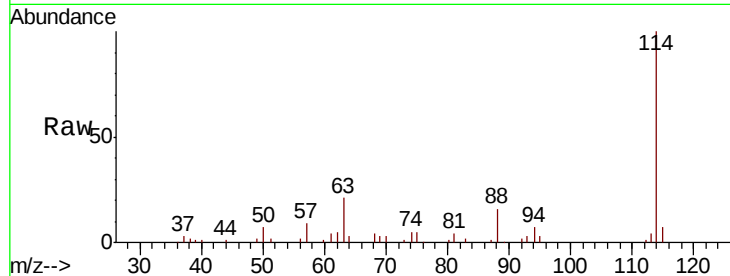




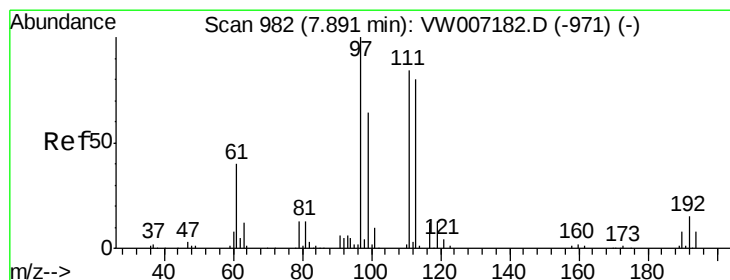
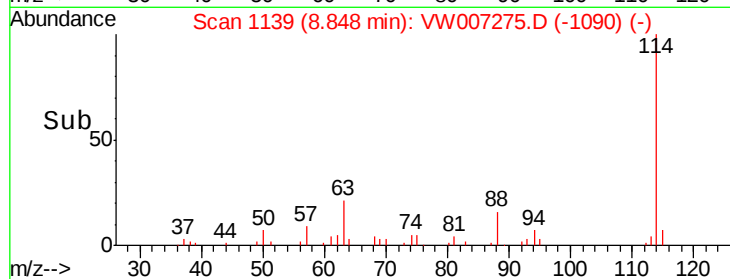
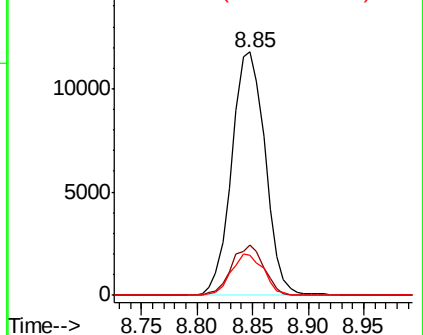
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007275.D
 Acq: 06 Dec 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 24500
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.2
 88 16.4 0.0 30.0

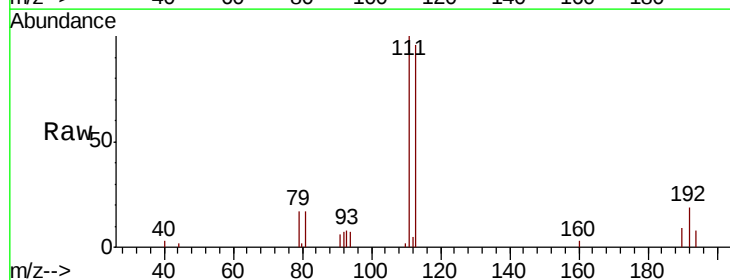


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

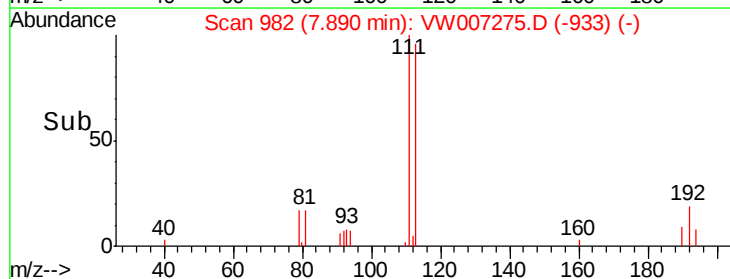
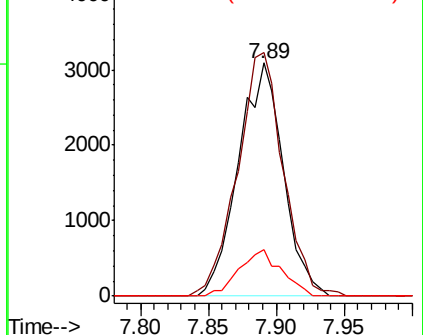


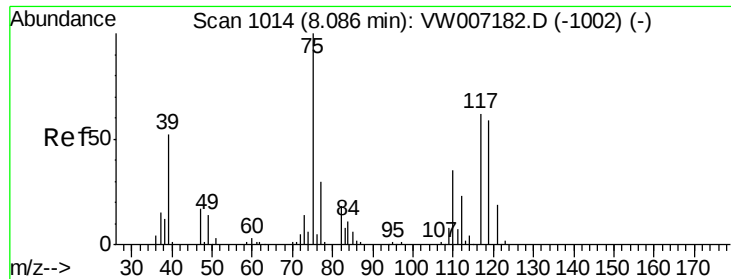
#35
 Dibromofluoromethane
 Concen: 50.803 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007275.D
 Acq: 06 Dec 2018 12:10

Tgt Ion:113 Resp: 7127
 Ion Ratio Lower Upper
 113 100
 111 106.5 82.2 123.4
 192 18.7 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

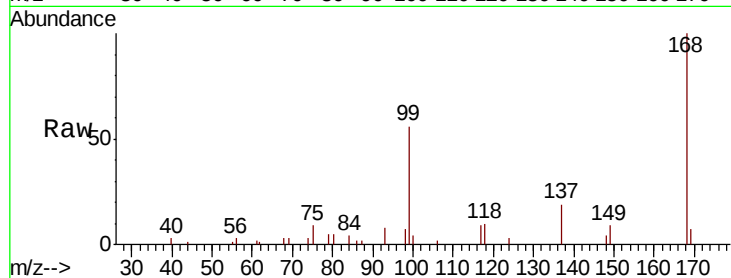




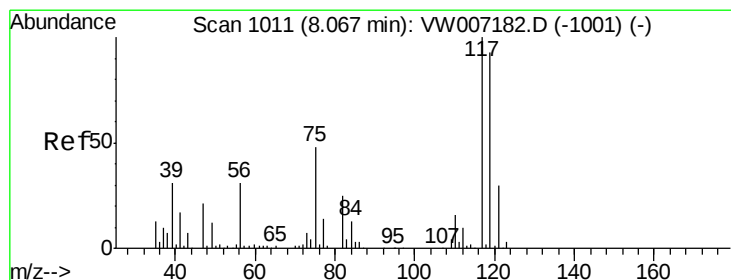
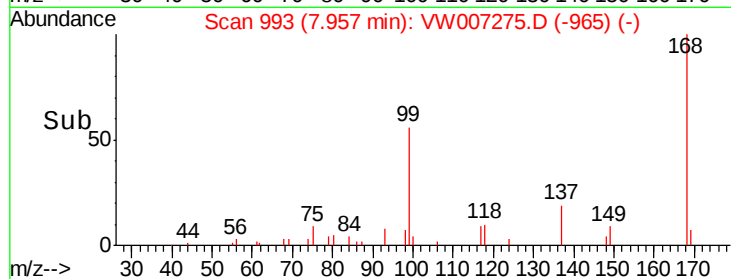
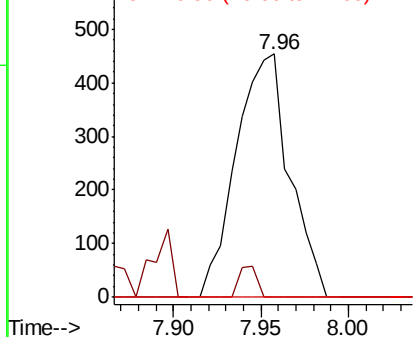
#36
 1,1-Dichloropropene
 Concen: 4.069 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW007275.D
 Acq: 06 Dec 2018 12:10

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 970
 Ion Ratio Lower Upper
 75 100
 110 4.2 18.3 54.9#
 77 0.0 24.9 37.3#

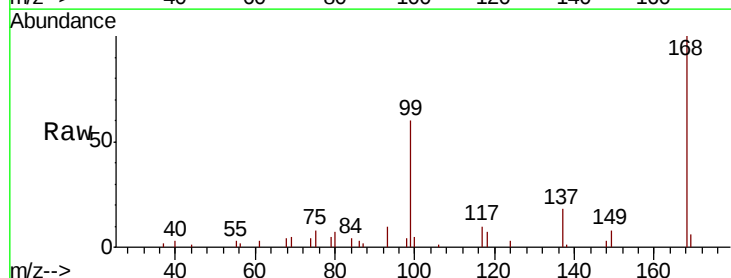


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

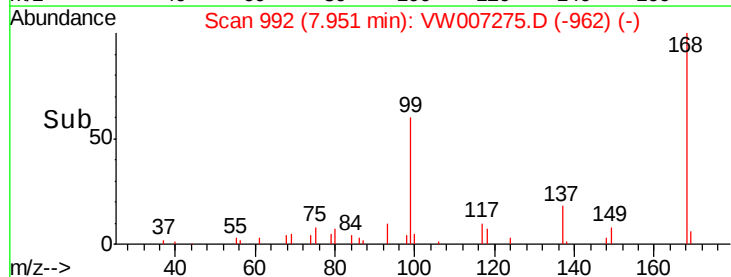
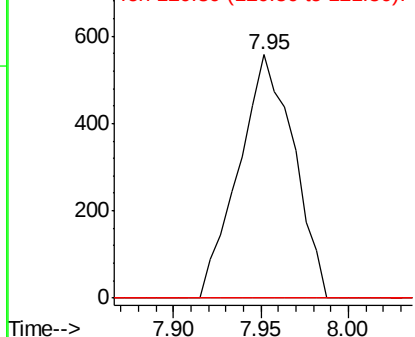


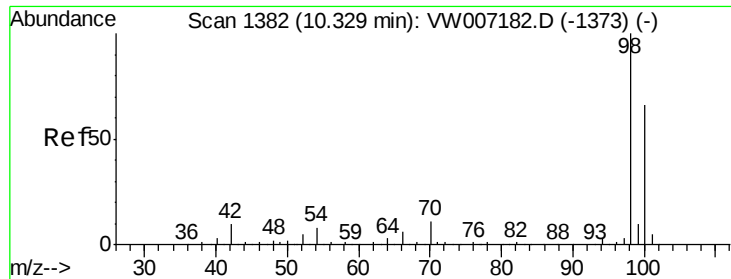
#38
 Carbon Tetrachloride
 Concen: 5.014 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007275.D
 Acq: 06 Dec 2018 12:10

Tgt Ion: 117 Resp: 1220
 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: 36.957 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007275.D

Acq: 06 Dec 2018 12:10

Instrument :

MSVOA_W

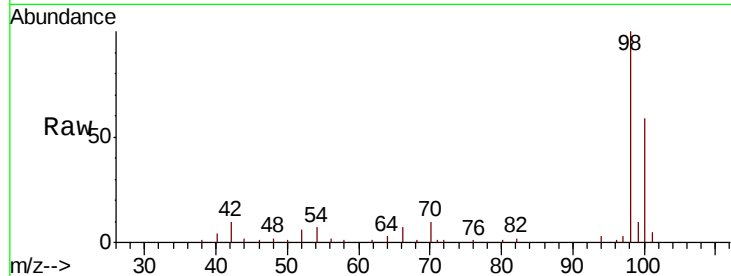
ClientSampleId :

Tot Ion: 98 Resp: 22838

Ion Ratio Lower Upper

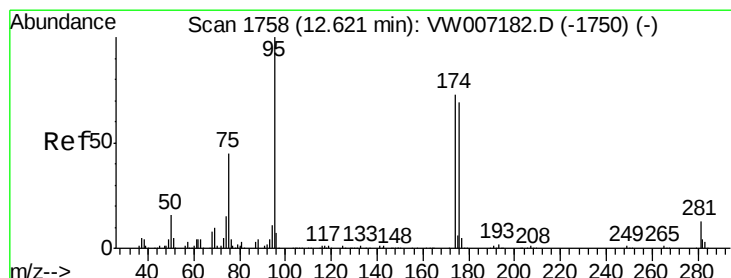
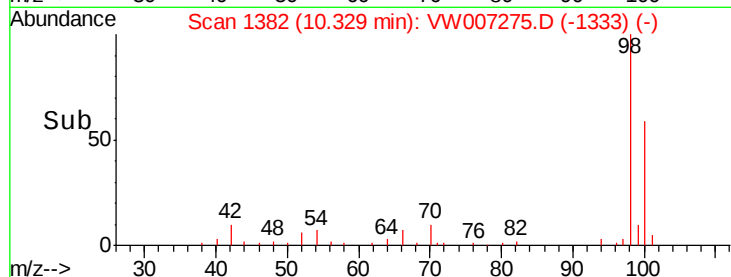
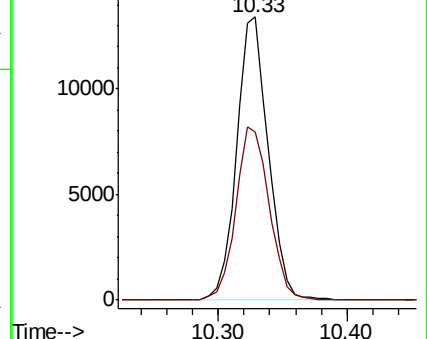
98 100

100 64.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 37.840 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007275.D

Acq: 06 Dec 2018 12:10

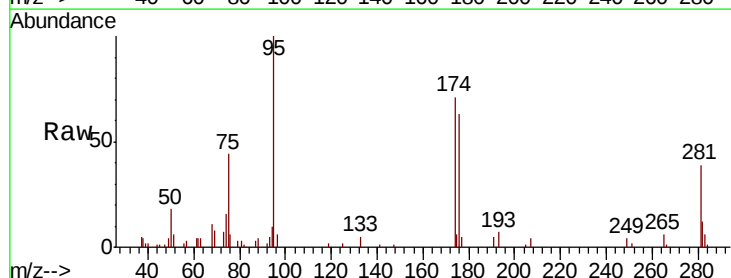
Tgt Ion: 95 Resp: 8826

Ion Ratio Lower Upper

95 100

174 76.9 0.0 148.0

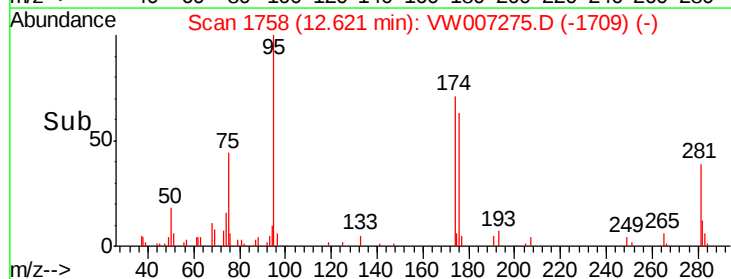
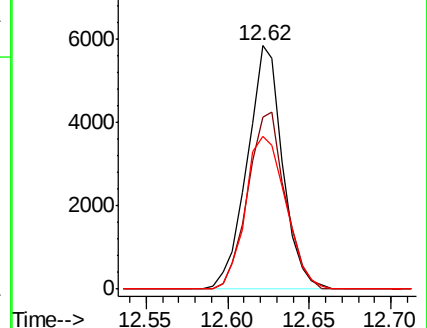
176 71.6 0.0 139.4

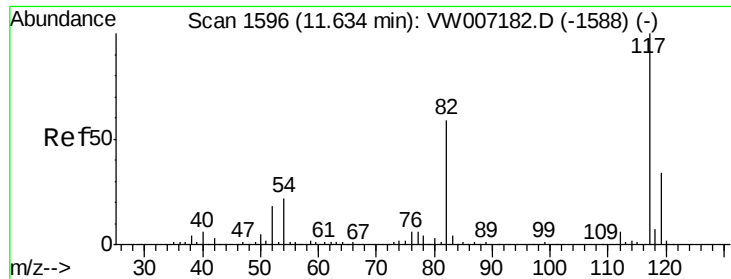


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

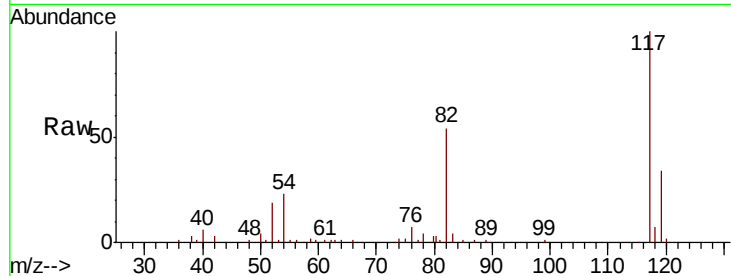




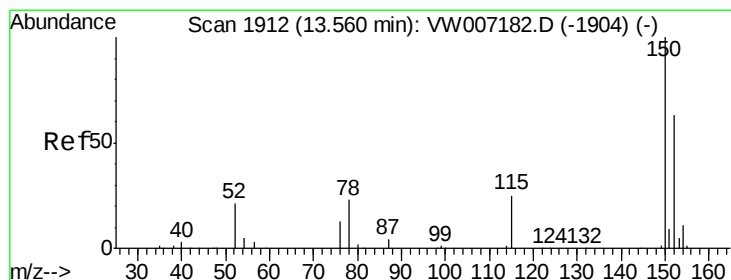
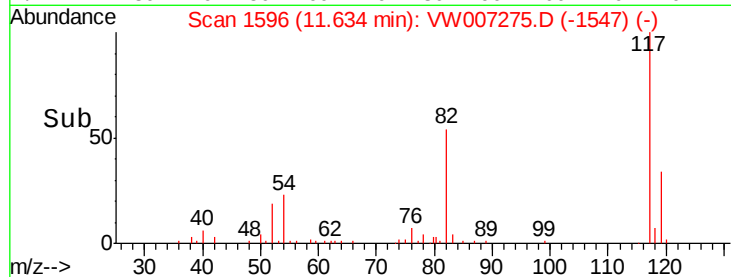
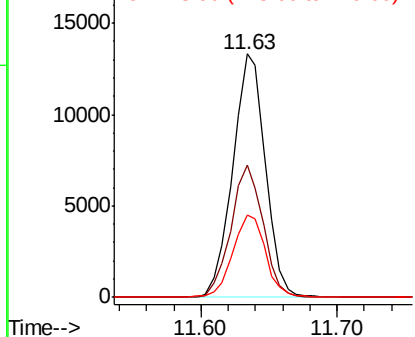
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007275.D
Acq: 06 Dec 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 22173
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 33.8 26.8 40.2

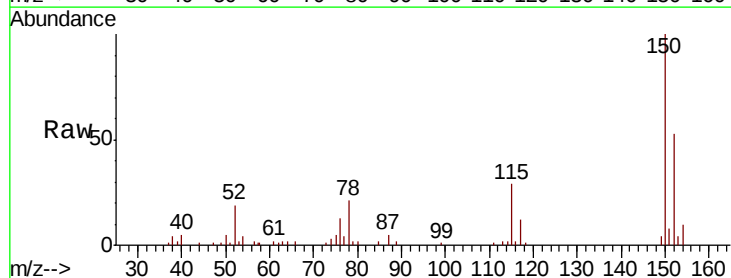


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

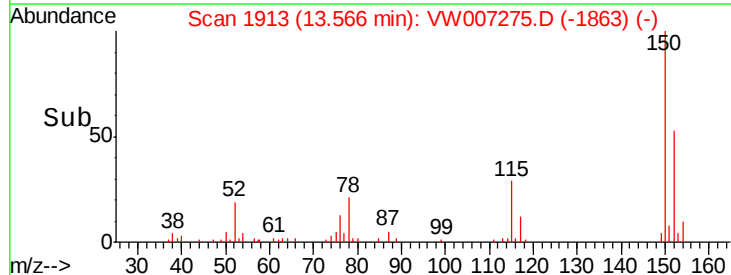
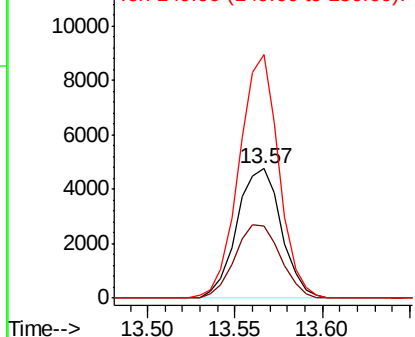


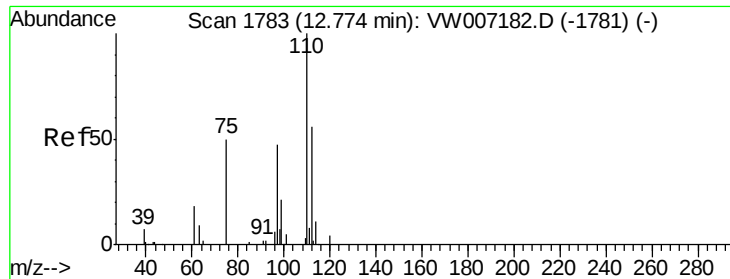
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007275.D
Acq: 06 Dec 2018 12:10

Tgt Ion:152 Resp: 8395
Ion Ratio Lower Upper
152 100
115 58.1 31.3 93.8
150 167.7 0.0 358.0



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

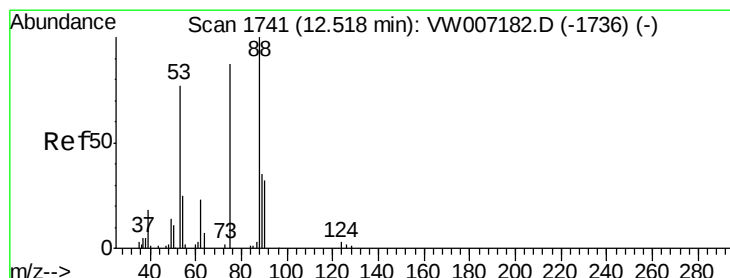
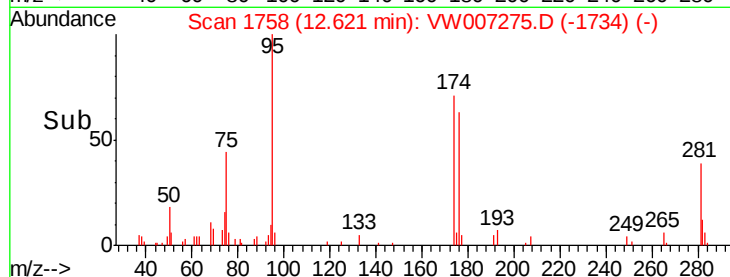
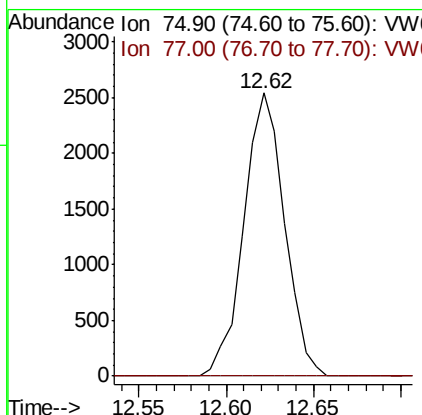
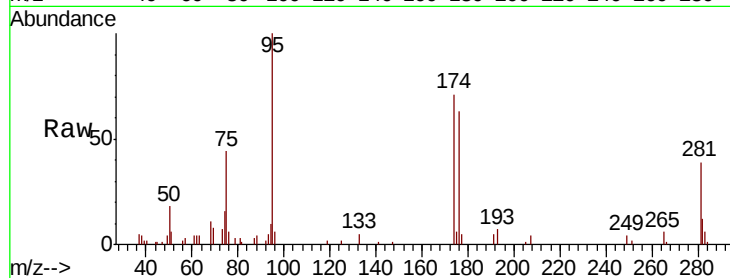




#76
 1,2,3-Trichloropropane
 Concen: 63.689 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007275.D
 Acq: 06 Dec 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 4140
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.273 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007275.D
 Acq: 06 Dec 2018 12:10

Tgt Ion: 75 Resp: 4140
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.0 36.4 54.6#

