

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121818\
 Data File : VW007618.D
 Acq On : 16 Dec 2018 08:34
 Operator : SY/AP
 Sample : J6378-24
 Misc : 6.62G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 00:18:51 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	2080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	3960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	695	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	1675	72.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	145.18%	
35) Dibromofluoromethane	7.89	113	1539	64.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	128.40%	
50) Toluene-d8	10.33	98	3945	43.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.78%	
62) 4-Bromofluorobenzene	12.62	95	1118	33.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.66%	

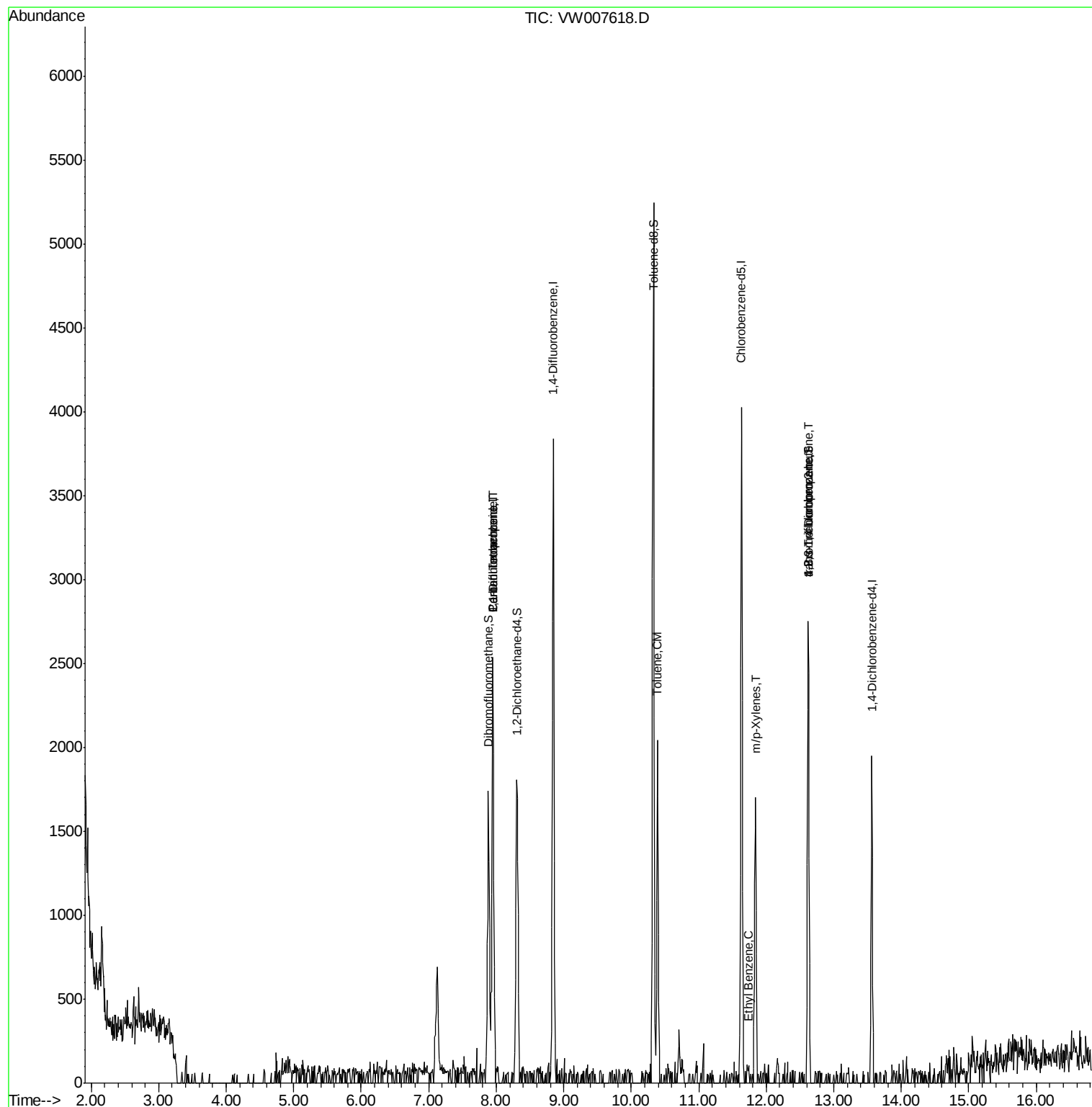
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 1,1-Dichloropropene	7.95	75	119	3.294	ug/l #	40
38) Carbon Tetrachloride	7.95	117	111	2.824	ug/l #	13
52) Toluene	10.38	92	1018	15.691	ug/l	91
67) Ethyl Benzene	11.74	91	135	1.370	ug/l #	48
68) m/p-Xylenes	11.84	106	673	17.573	ug/l	89
76) 1,2,3-Trichloropropane	12.62	75	587	102.435	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	587	226.279	ug/l #	7

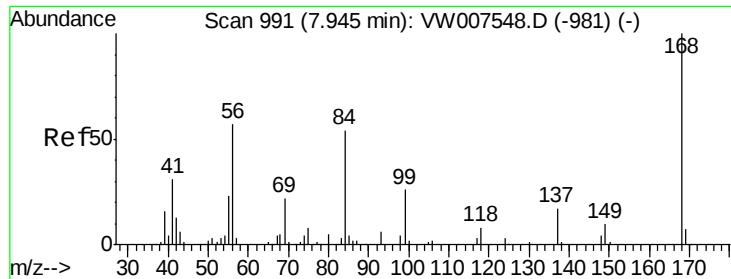
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121818\
Data File : VW007618.D
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MSVOA_W
ClientSampleId :

Quant Time: Dec 17 00:18:51 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: VW007618.D

Acq: 16 Dec 2018 08:34

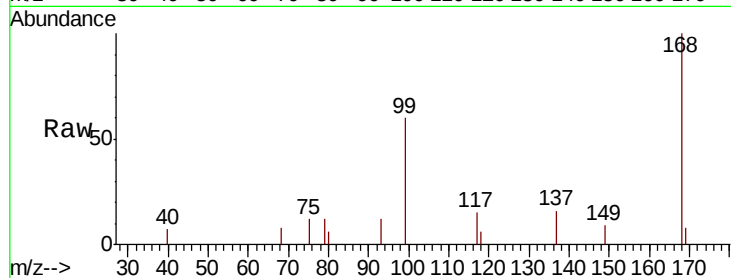
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 2080

Ion Ratio Lower Upper

168 100

99 59.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

800

600

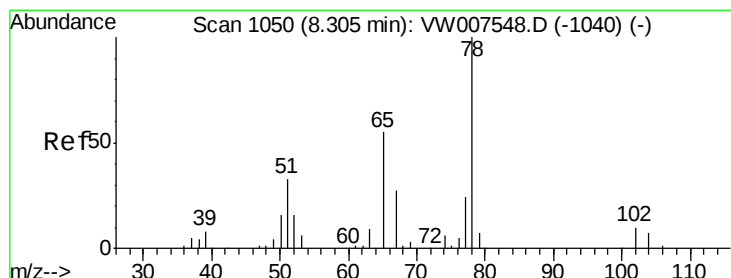
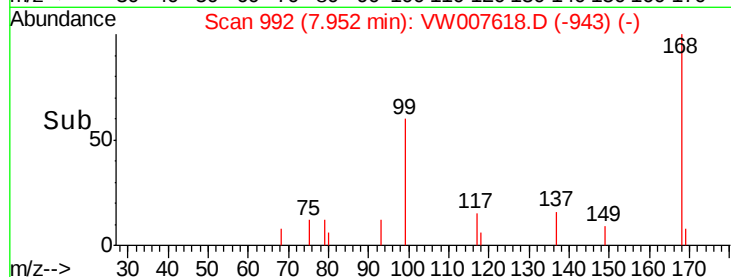
400

200

0

7.90 7.95 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 72.586 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW007618.D

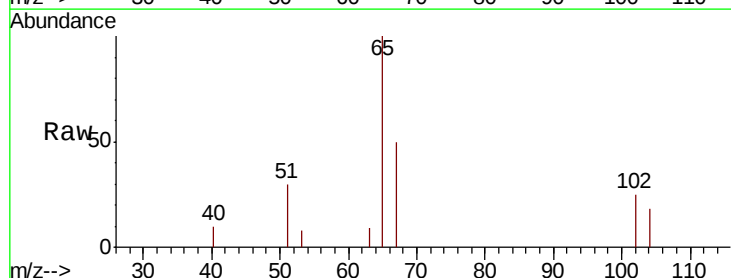
Acq: 16 Dec 2018 08:34

Tgt Ion: 65 Resp: 1675

Ion Ratio Lower Upper

65 100

67 48.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

800

600

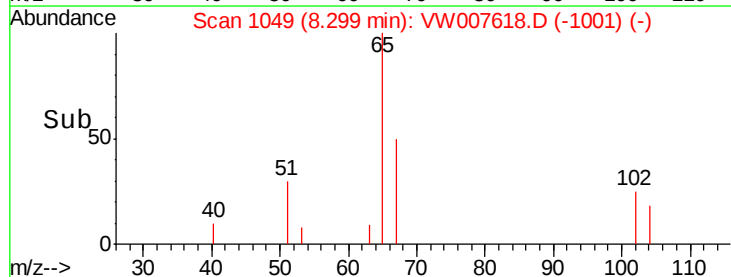
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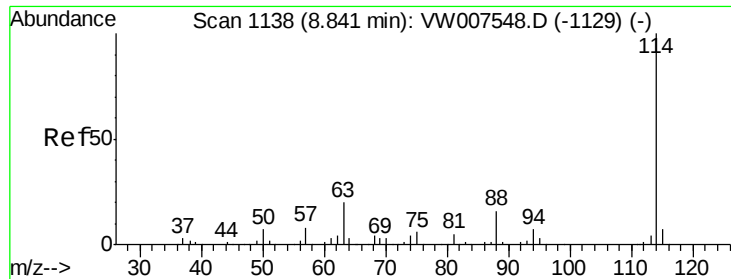
200

0

8.25 8.30 8.35

Time-->

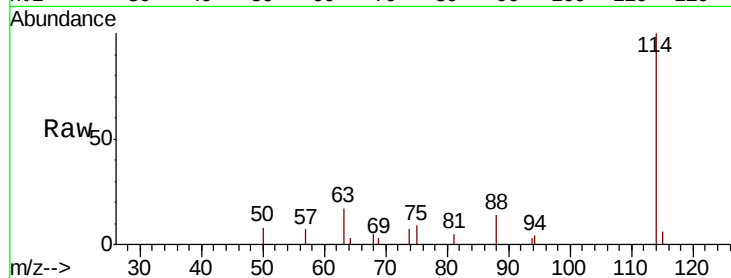




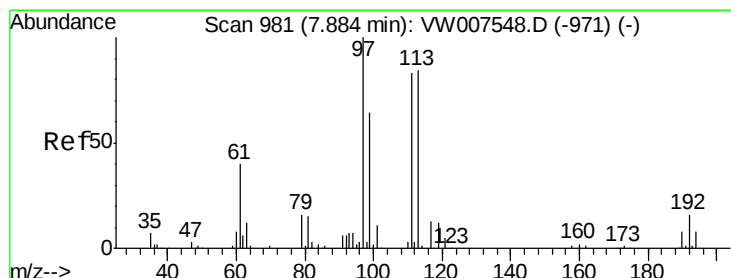
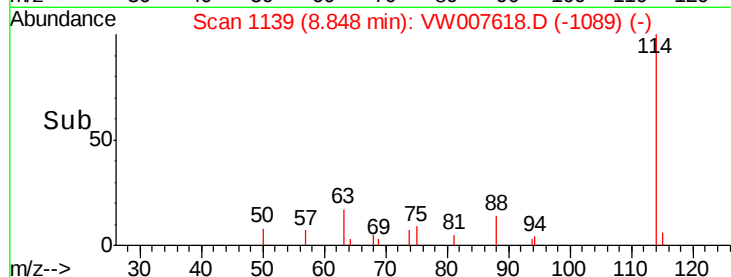
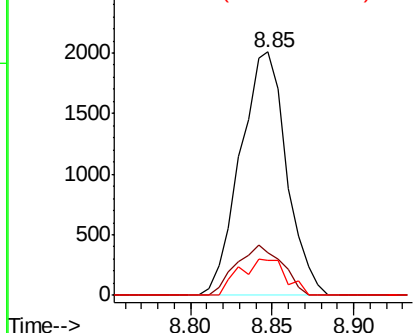
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW007618.D
 Acq: 16 Dec 2018 08:34

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 3960
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 39.6
 88 14.2 0.0 31.4

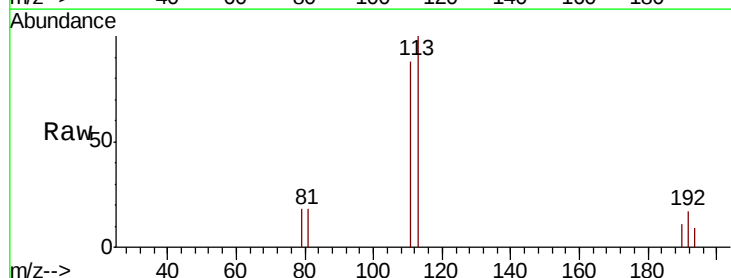


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

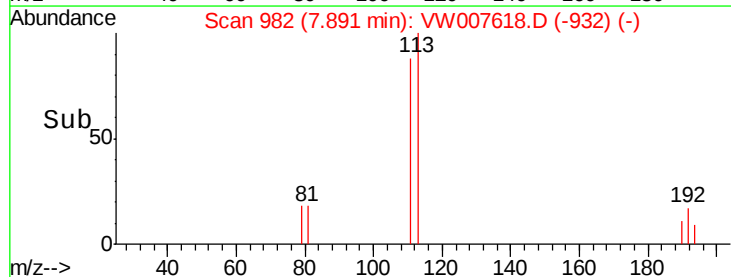
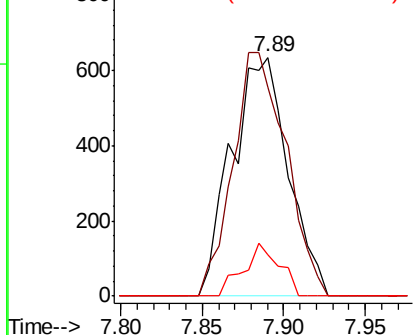


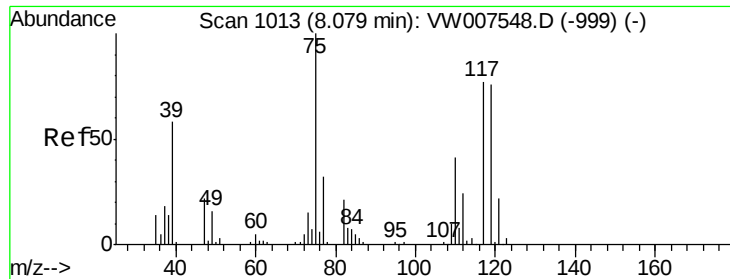
#35
 Dibromofluoromethane
 Concen: 64.201 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW007618.D
 Acq: 16 Dec 2018 08:34

Tgt Ion:113 Resp: 1539
 Ion Ratio Lower Upper
 113 100
 111 95.3 81.1 121.7
 192 14.1 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

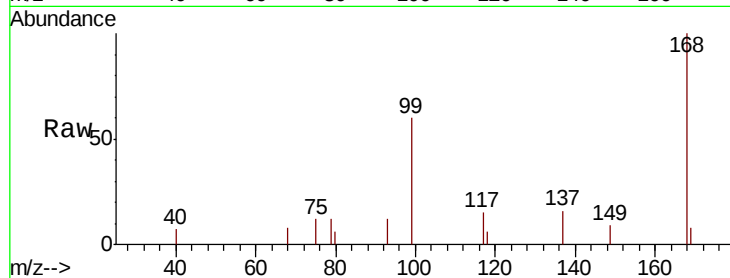




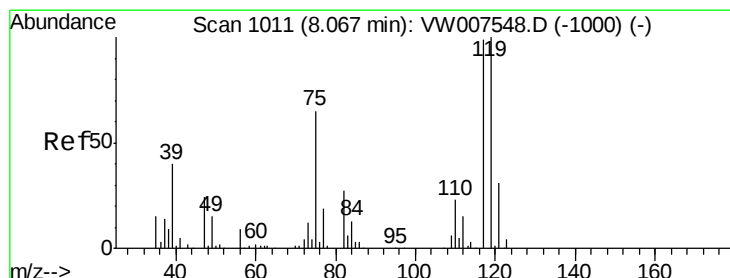
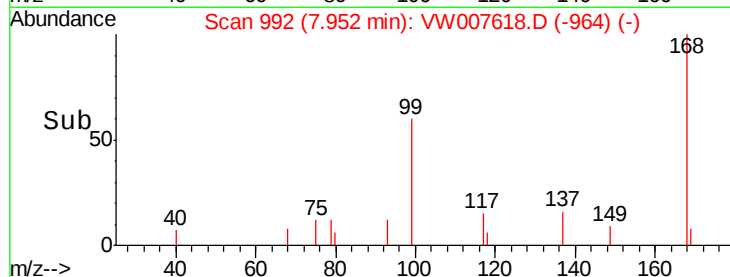
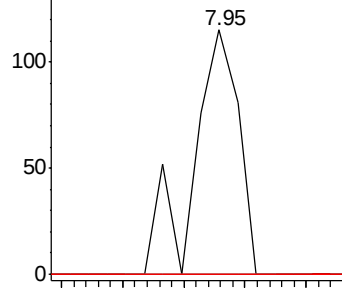
#36
 1,1-Dichloropropene
 Concen: 3.294 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007618.D
 Acq: 16 Dec 2018 08:34

Instrument :
 MSVOA_W
 ClientSampleId :

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

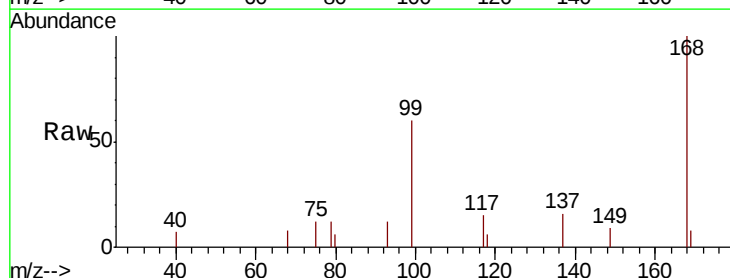


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

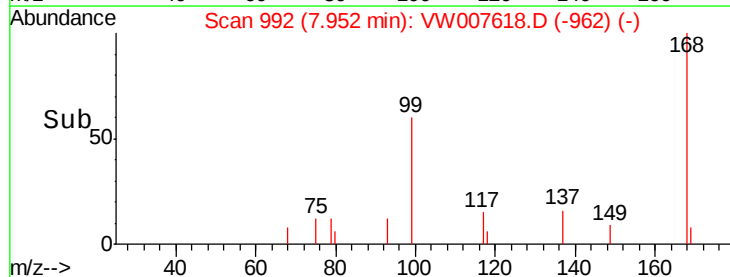
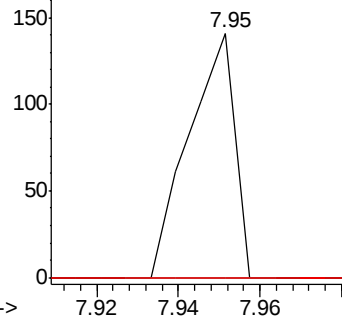


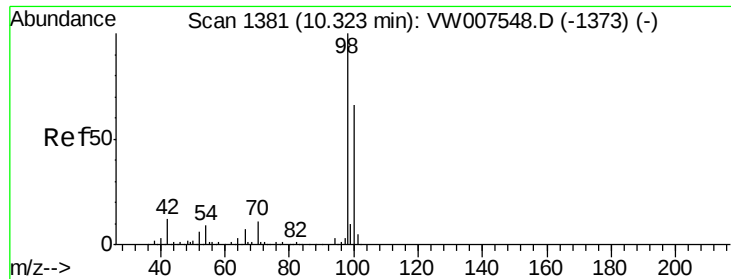
#38
 Carbon Tetrachloride
 Concen: 2.824 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007618.D
 Acq: 16 Dec 2018 08:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	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: 43.892 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW007618.D

Acq: 16 Dec 2018 08:34

Instrument :

MSVOA_W

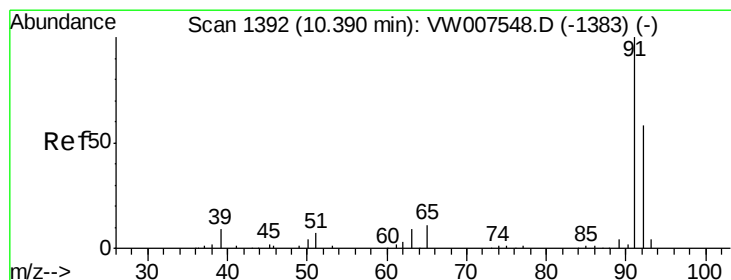
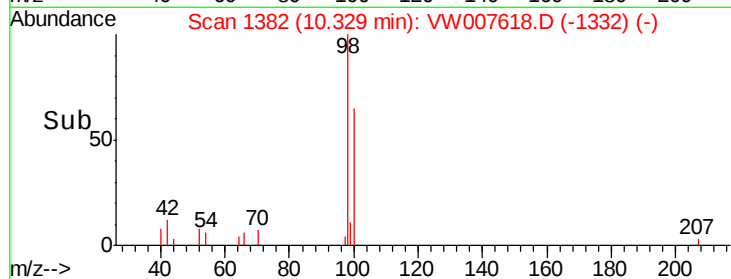
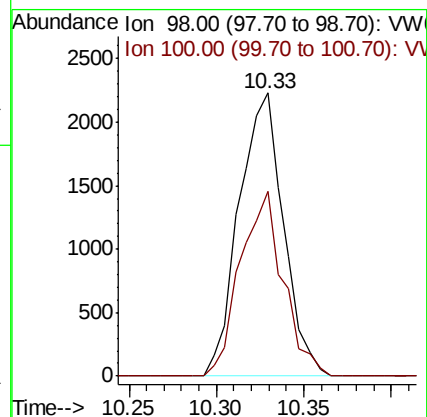
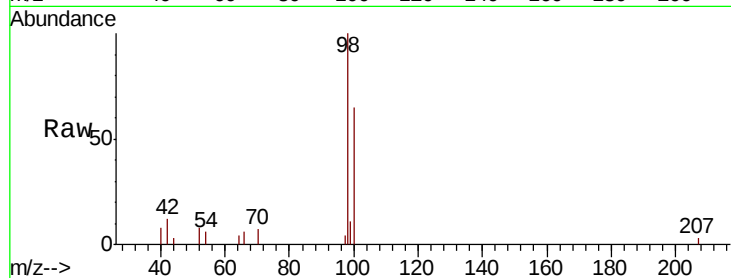
ClientSampleId :

Tot Ion: 98 Resp: 3945

Ion Ratio Lower Upper

98 100

100 63.1 51.8 77.8



#52

Toluene

Concen: 15.691 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007618.D

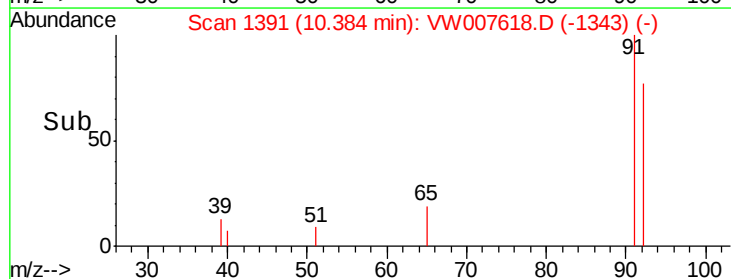
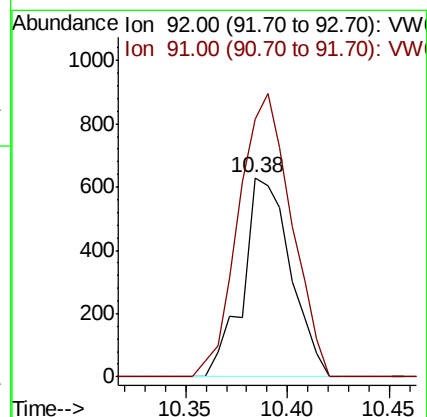
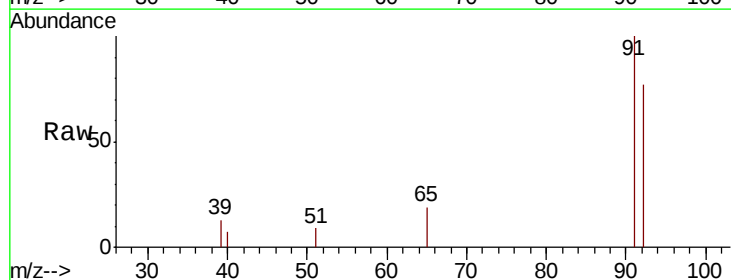
Acq: 16 Dec 2018 08:34

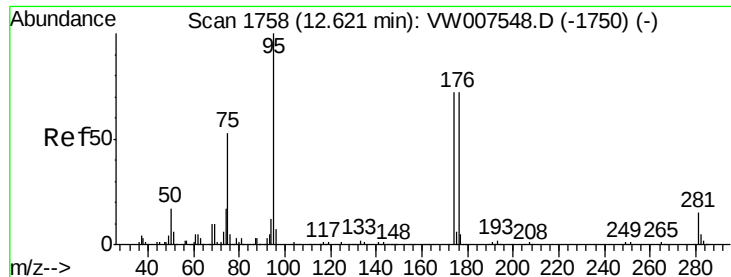
Tgt Ion: 92 Resp: 1018

Ion Ratio Lower Upper

92 100

91 158.4 136.2 204.2

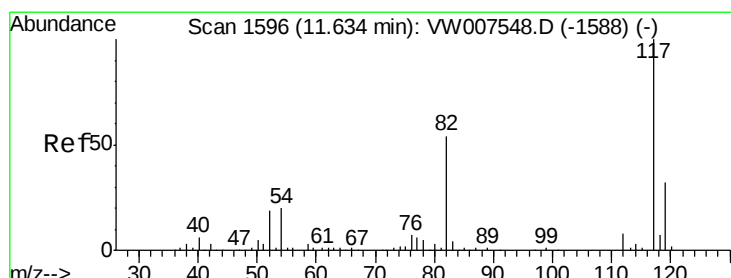
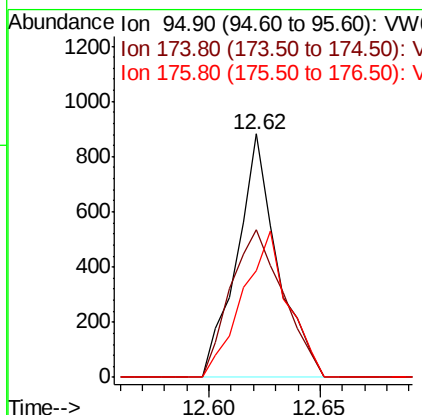
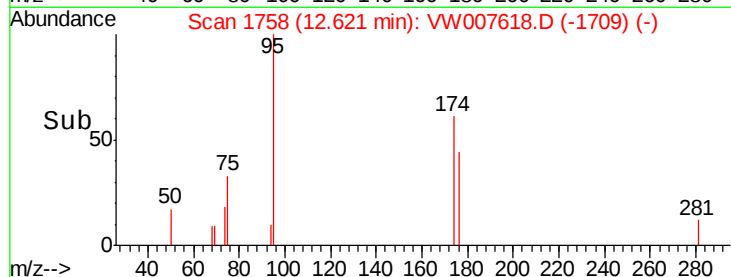
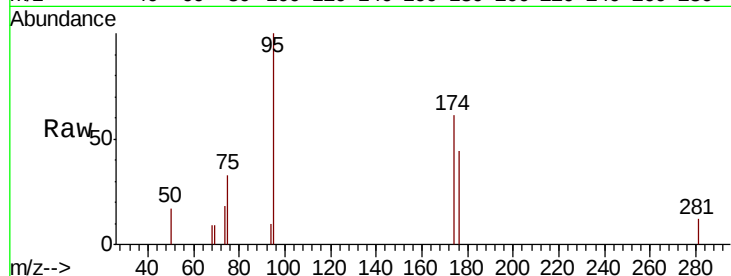




#62
4-Bromofluorobenzene
Concen: 33.831 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007618.D
Acq: 16 Dec 2018 08:34

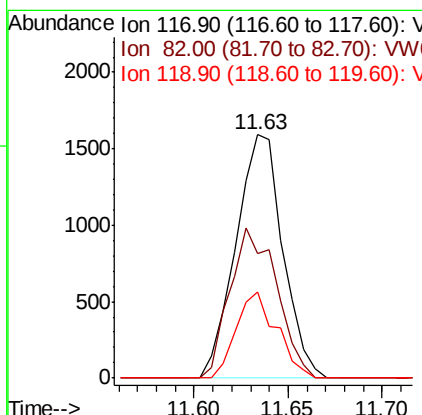
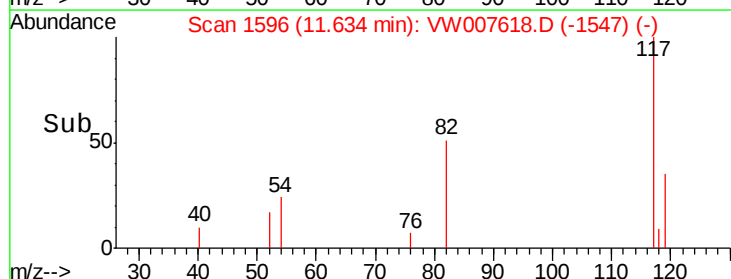
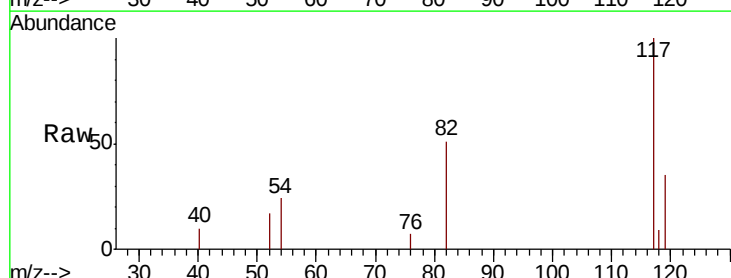
Instrument :
MSVOA_W
ClientSampled :

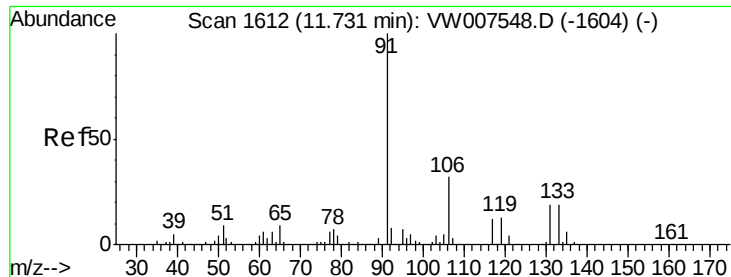
Tot Ion: 95 Resp: 1118
Ion Ratio Lower Upper
95 100
174 78.9 0.0 147.2
176 67.6 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007618.D
Acq: 16 Dec 2018 08:34

Tgt Ion: 117 Resp: 2749
Ion Ratio Lower Upper
117 100
82 51.3 42.3 63.5
119 35.4 23.0 34.6#

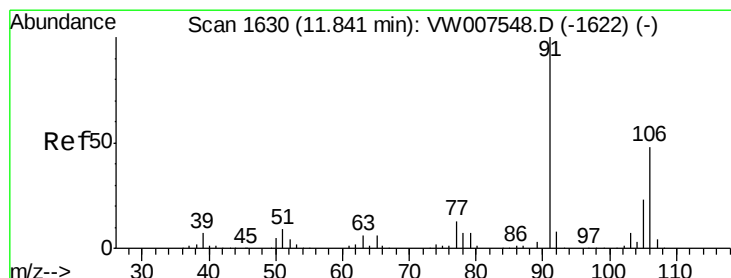
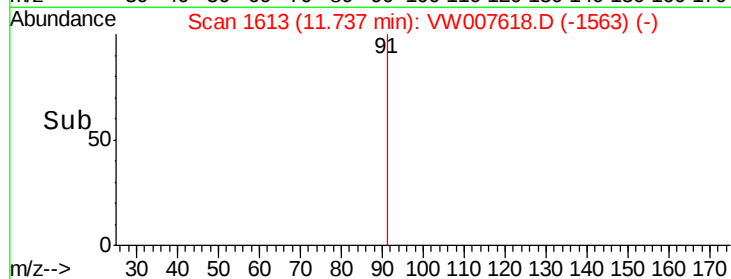
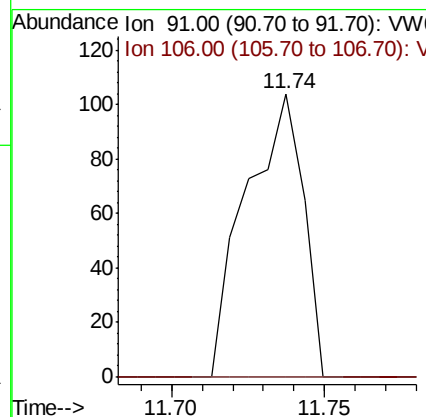
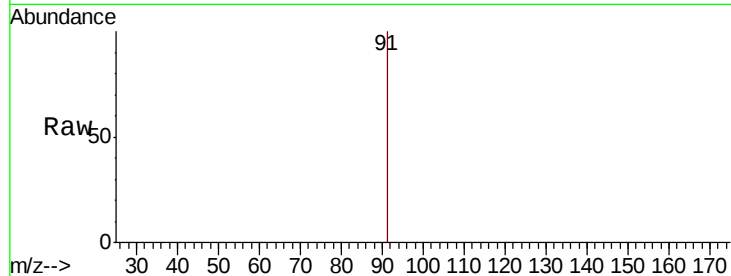




#67
Ethyl Benzene
Concen: 1.370 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007618.D
Acq: 16 Dec 2018 08:34

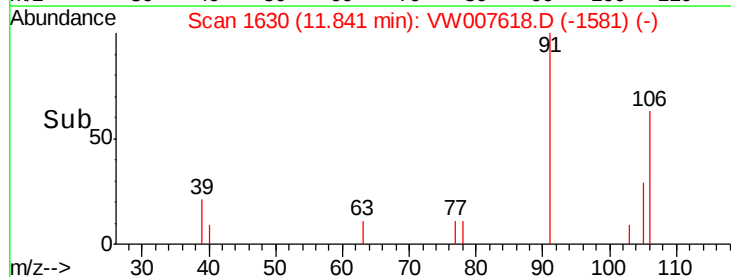
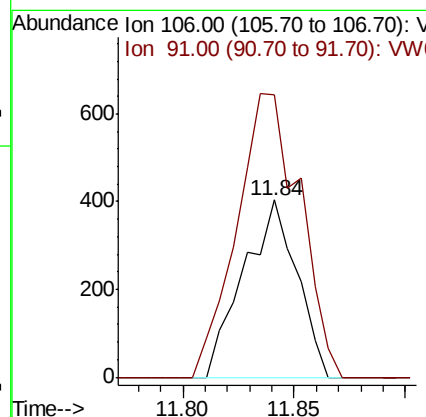
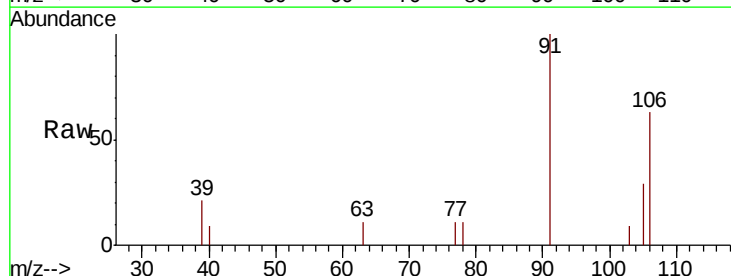
Instrument :
MSVOA_W
ClientSampled :

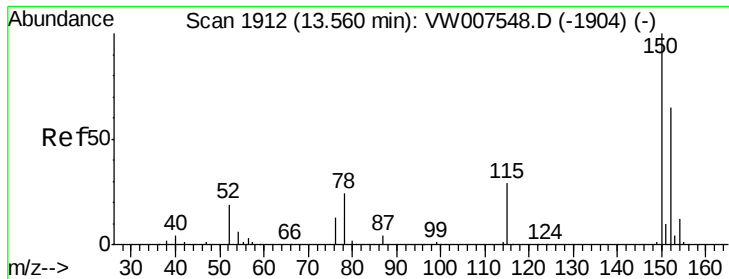
Tot Ion: 91 Resp: 135
Ion Ratio Lower Upper
91 100
106 0.0 21.8 32.8#



#68
m/p-Xylenes
Concen: 17.573 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007618.D
Acq: 16 Dec 2018 08:34

Tgt Ion:106 Resp: 673
Ion Ratio Lower Upper
106 100
91 189.3 165.3 247.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007618.D

Acq: 16 Dec 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

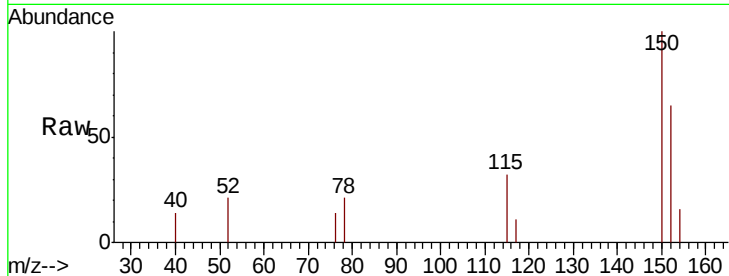
Tot Ion:152 Resp: 695

Ion Ratio Lower Upper

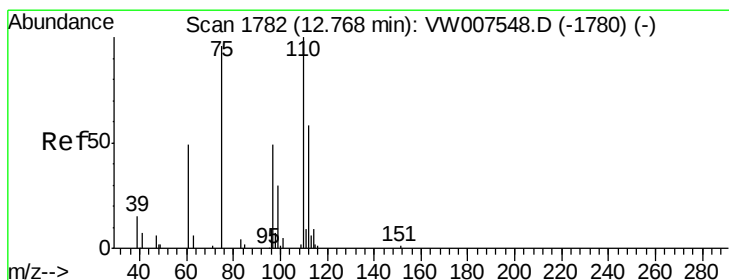
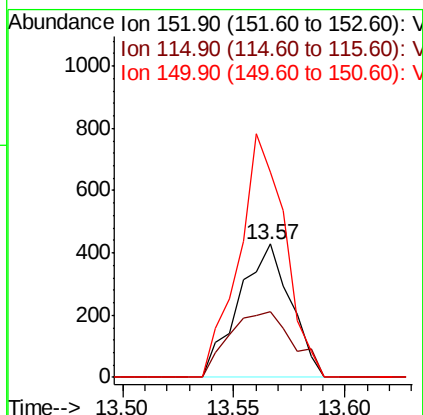
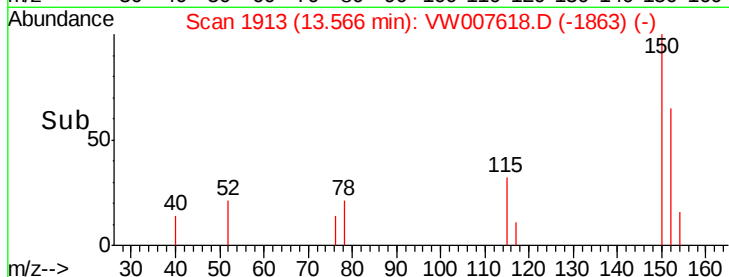
152 100

115 60.6 31.4 94.2

150 162.7 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: 102.435 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW007618.D

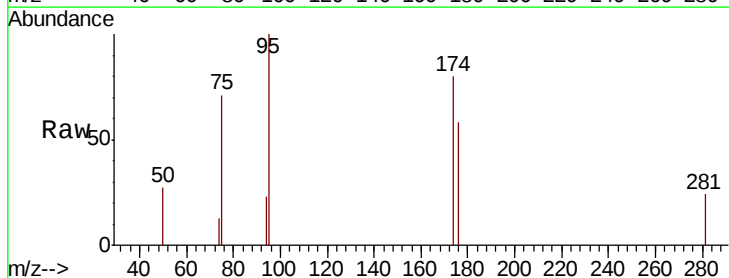
Acq: 16 Dec 2018 08:34

Tgt Ion: 75 Resp: 587

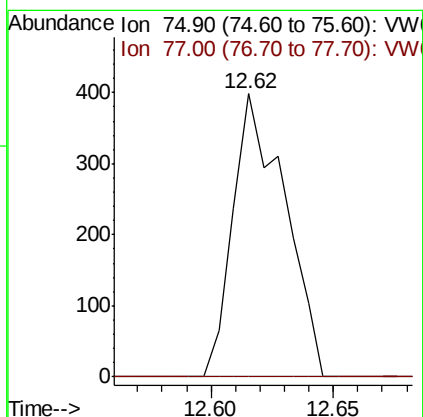
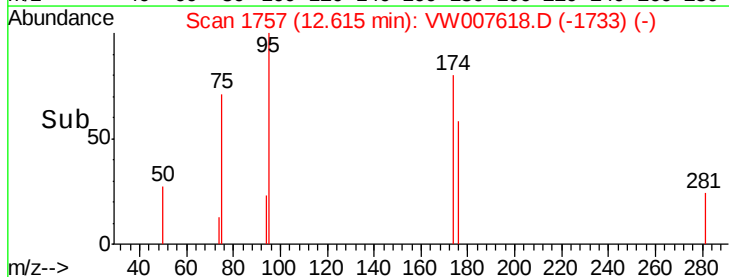
Ion Ratio Lower Upper

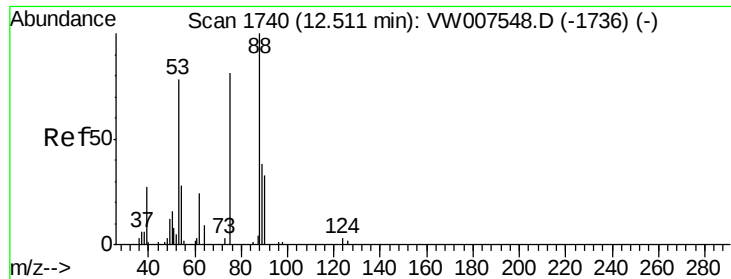
75 100

77 0.0 166.9 500.8#



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: 226.279 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

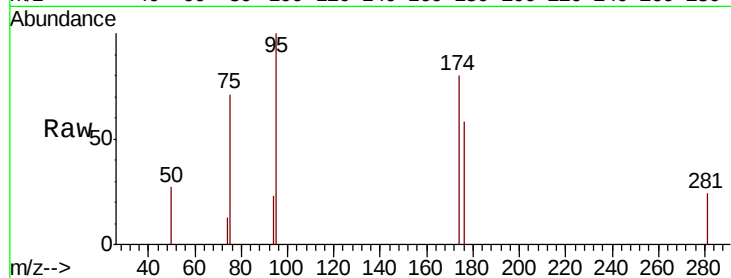
Lab File: VW007618.D

Acq: 16 Dec 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	75	Resp:	587
Ion	Ratio	Lower	Upper
75	100		
53	0.0	84.9	127.3#
89	0.0	40.3	60.5#

