

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007741.D
 Acq On : 20 Dec 2018 11:33
 Operator : SY/AP
 Sample : J6386-09RE
 Misc : 3.32G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0006-01RE

Quant Time: Dec 20 11:56:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	50371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	78210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	45153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11358	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	30886	55.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.88%	
35) Dibromofluoromethane	7.88	113	25948	54.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.76%	
50) Toluene-d8	10.32	98	61441	34.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	68.32%	
62) 4-Bromofluorobenzene	12.62	95	13759	19.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	39.60%	

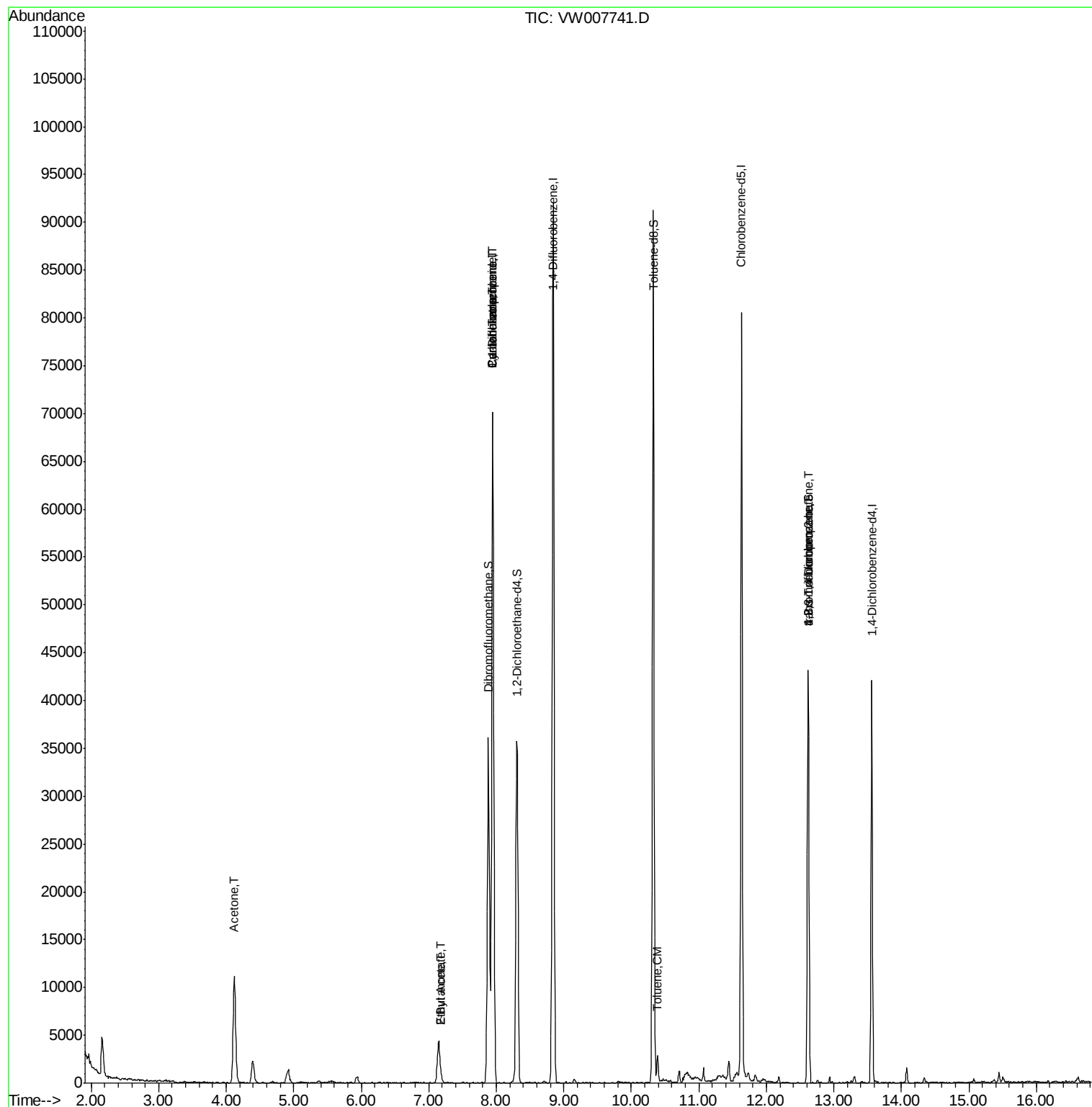
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	19299	186.673	ug/l	91
20) Methylene Chloride	4.92	84	1248	Below Cal		88
25) 2-Butanone	7.18	43	1175	9.703	ug/l #	86
31) Cyclohexane	7.95	56	1015	1.235	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	3760	4.981	ug/l #	48
37) Ethyl Acetate	7.18	43	1175	4.510	ug/l #	68
38) Carbon Tetrachloride	7.95	117	5534	6.225	ug/l #	16
52) Toluene	10.40	92	1425	1.054	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	7035	80.137	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	7035	168.214	ug/l #	9

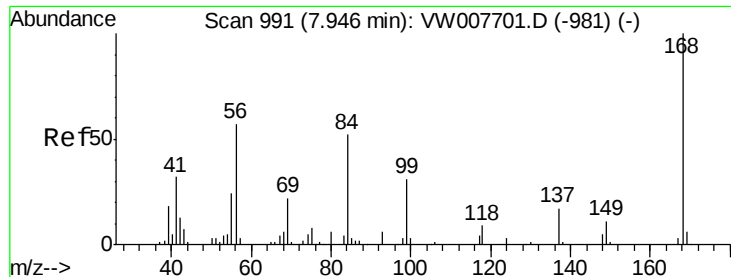
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\
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Quant Time: Dec 20 11:56:13 2018
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007741.D

Acq: 20 Dec 2018 11:33

Instrument :

MSVOA_W

ClientSampleId :

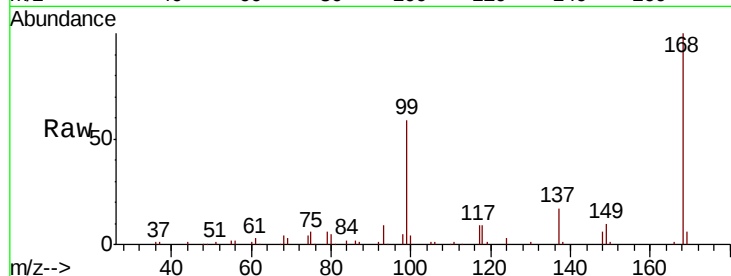
P001-SS006-0006-01RE

Tot Ion:168 Resp: 50371

Ion Ratio Lower Upper

168 100

99 58.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

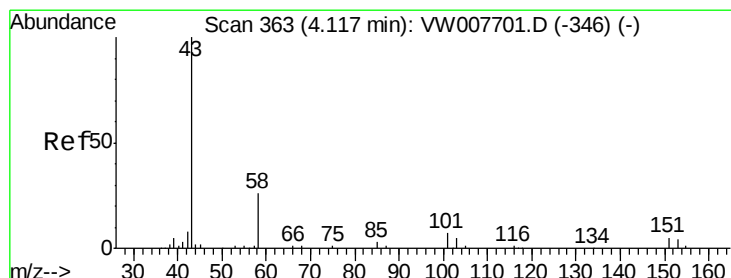
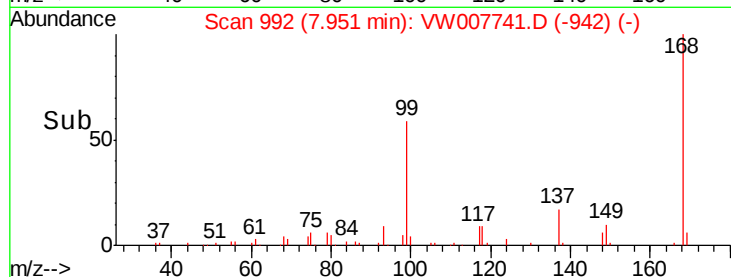
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 186.673 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007741.D

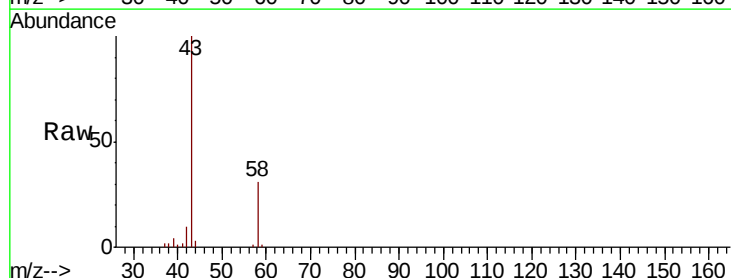
Acq: 20 Dec 2018 11:33

Tgt Ion: 43 Resp: 19299

Ion Ratio Lower Upper

43 100

58 31.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

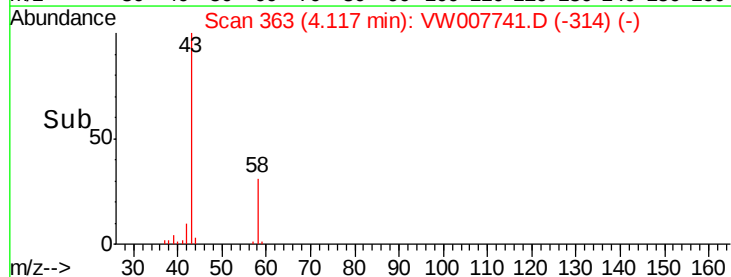
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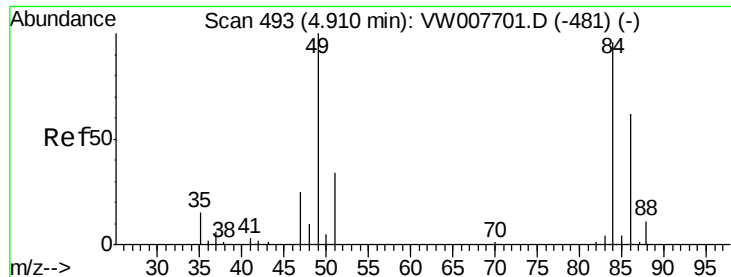
2000

0

4.00 4.10 4.20 4.30

Time-->

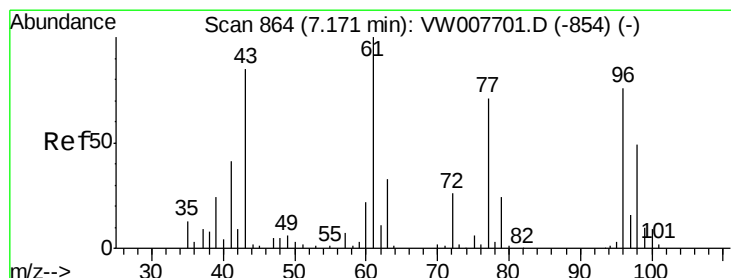
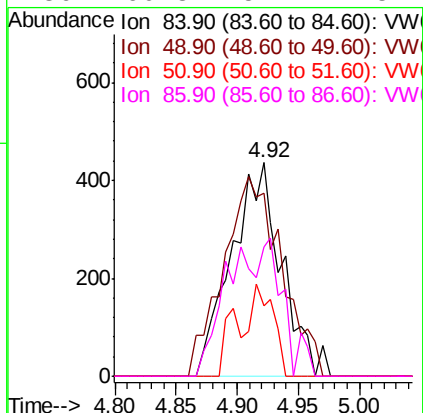
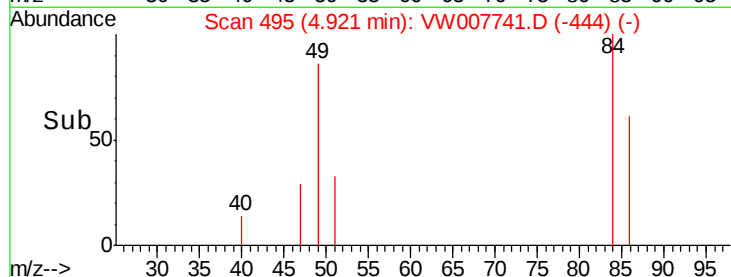
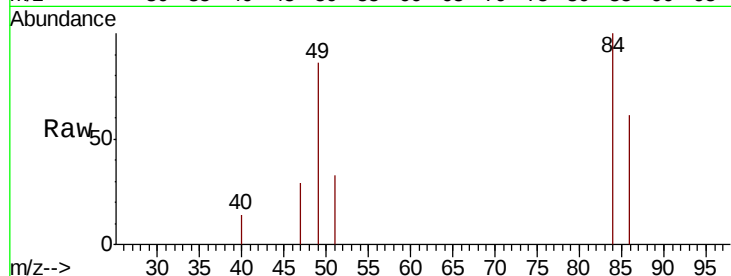




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW007741.D
Acq: 20 Dec 2018 11:33

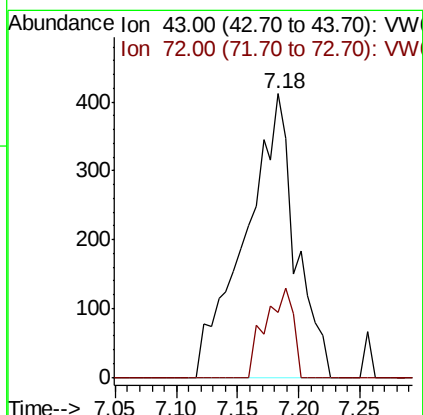
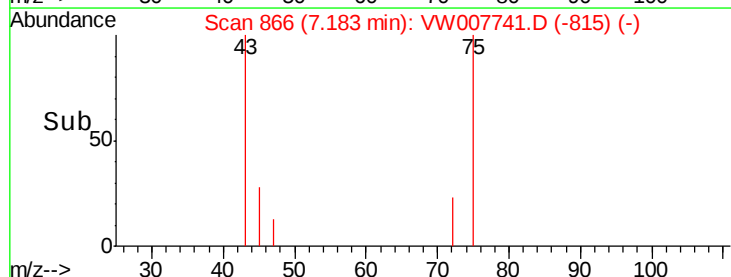
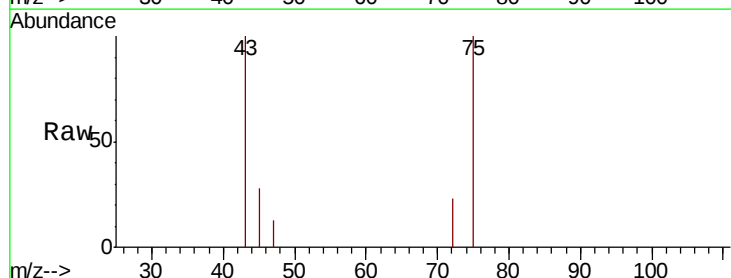
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0006-01RE

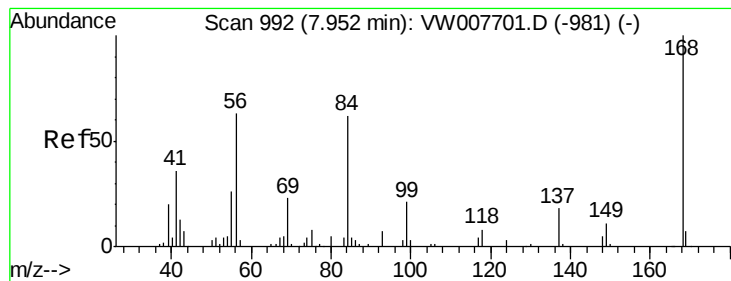
Tot Ion: 84 Resp: 1248
Ion Ratio Lower Upper
84 100
49 85.8 83.7 125.5
51 33.3 28.2 42.2
86 60.8 52.2 78.2



#25
2-Butanone
Concen: 9.703 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW007741.D
Acq: 20 Dec 2018 11:33

Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
72 22.8 24.5 36.7#





#31

Cyclohexane

Concen: 1.235 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007741.D

Acq: 20 Dec 2018 11:33

Instrument :

MSVOA_W

ClientSampleId :

P001-SS006-0006-01RE

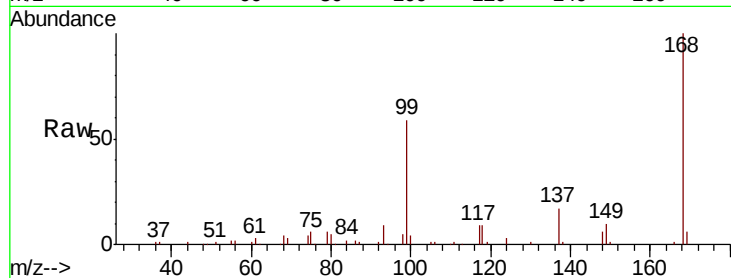
Tot Ion: 56 Resp: 1015

Ion Ratio Lower Upper

56 100

69 145.1 29.7 44.5#

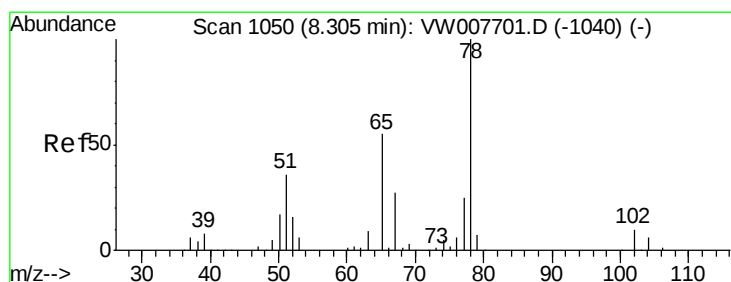
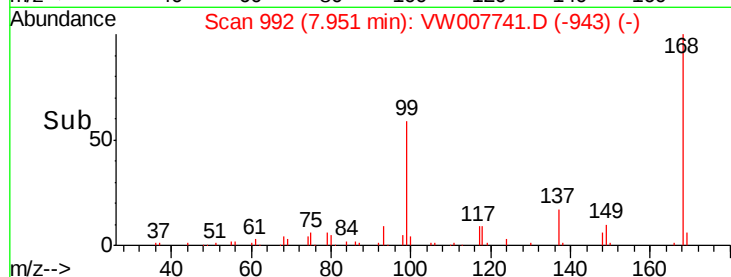
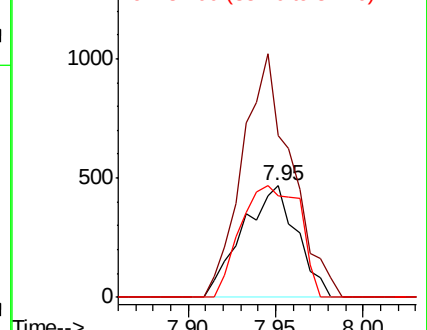
84 90.8 78.9 118.3



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: 55.944 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007741.D

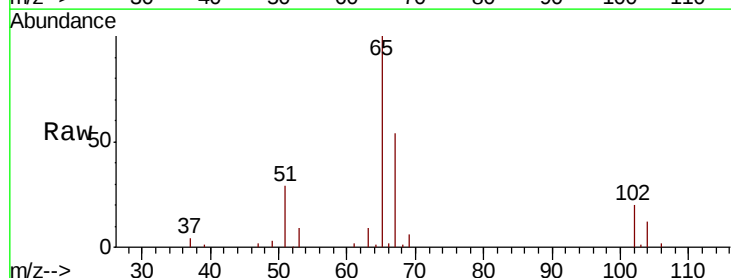
Acq: 20 Dec 2018 11:33

Tgt Ion: 65 Resp: 30886

Ion Ratio Lower Upper

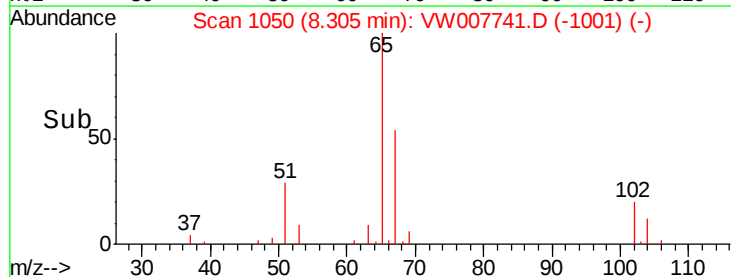
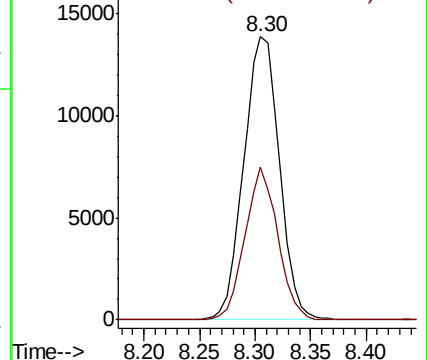
65 100

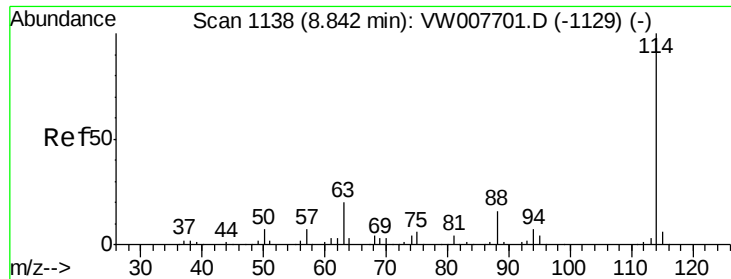
67 49.5 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

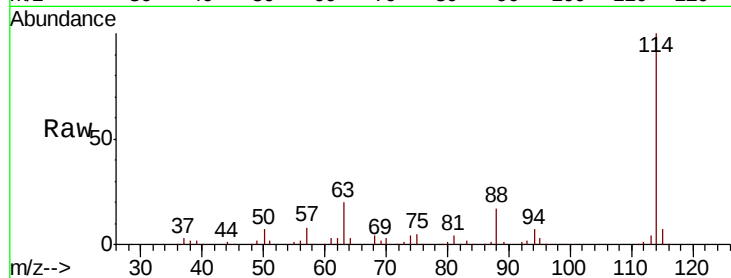




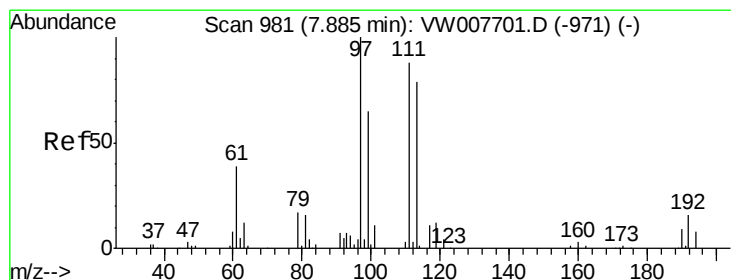
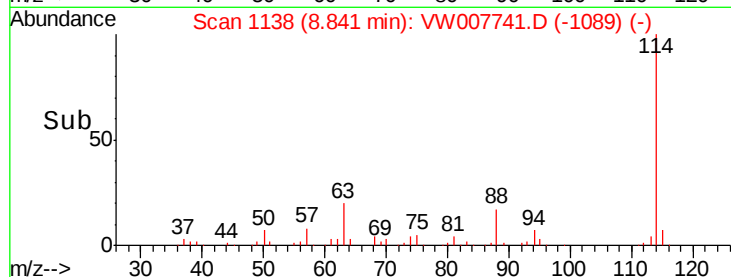
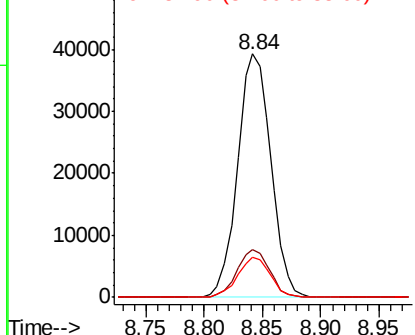
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007741.D
 Acq: 20 Dec 2018 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0006-01RE

Tot Ion:114 Resp: 78210
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 16.7 0.0 32.6

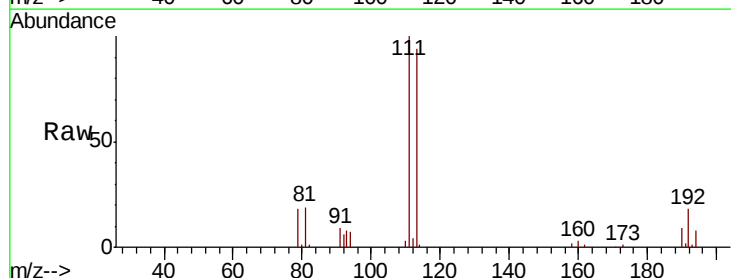


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

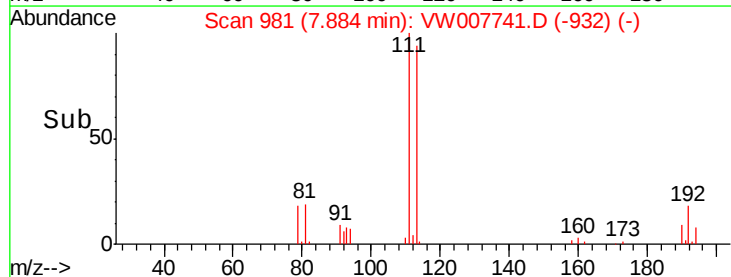
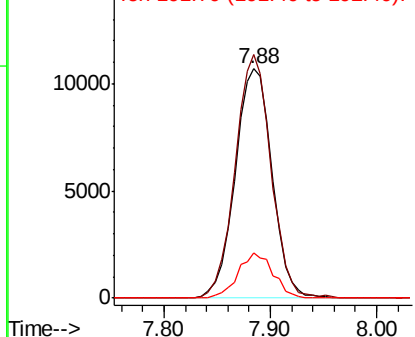


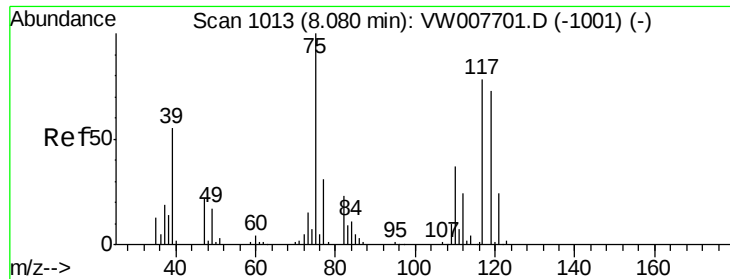
#35
 Dibromofluoromethane
 Concen: 54.385 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007741.D
 Acq: 20 Dec 2018 11:33

Tgt Ion:113 Resp: 25948
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 124.0
 192 18.5 15.5 23.3



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

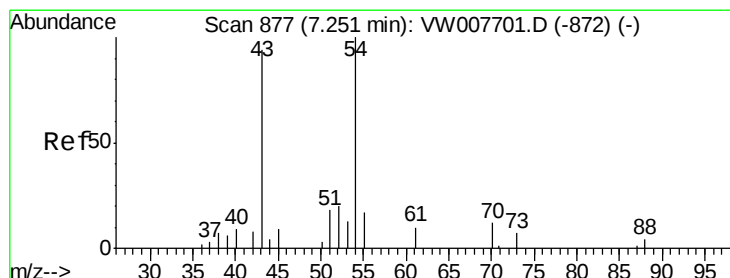
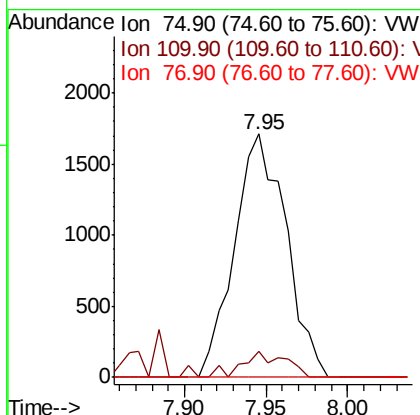
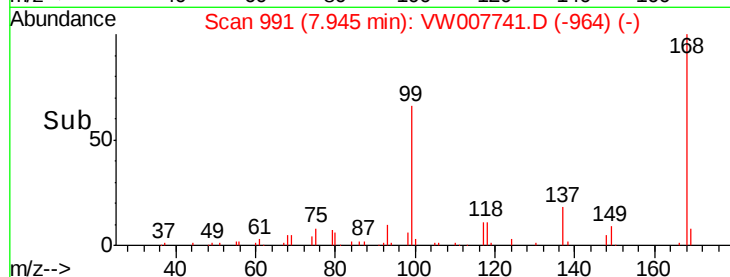
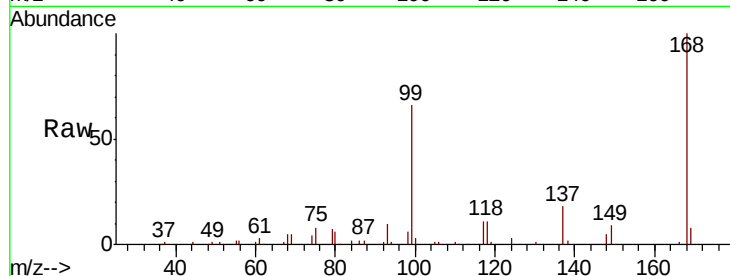




#36
 1,1-Dichloropropene
 Concen: 4.981 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007741.D
 Acq: 20 Dec 2018 11:33

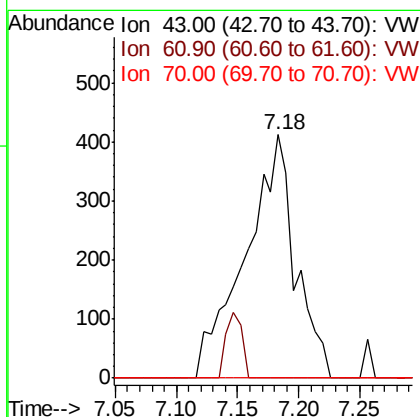
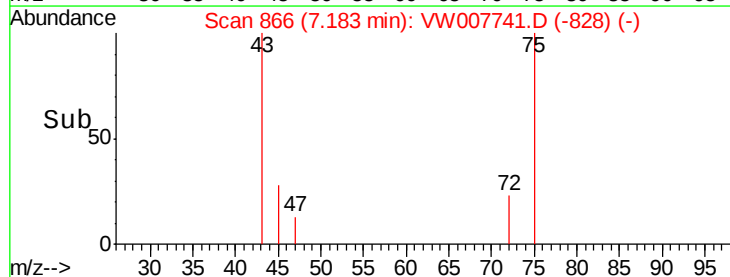
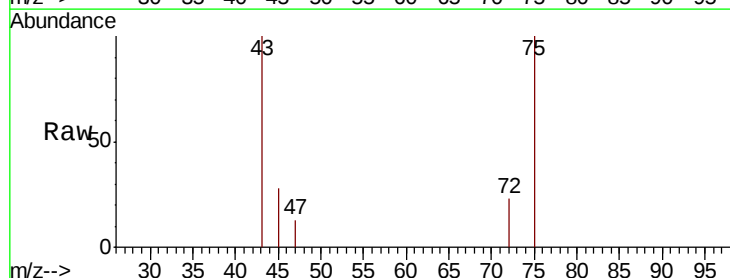
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0006-01RE

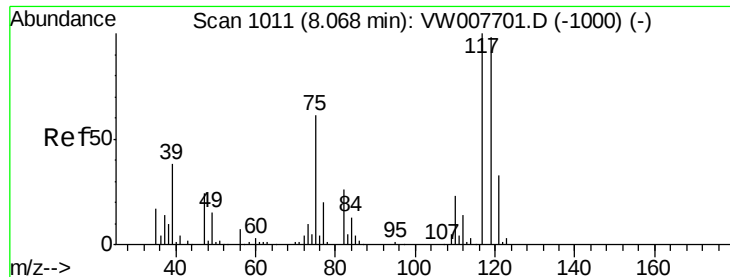
Tot Ion: 75 Resp: 3760
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.6 55.8#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 4.510 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.07 min
 Lab File: VW007741.D
 Acq: 20 Dec 2018 11:33

Tgt Ion: 43 Resp: 1175
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.2 16.8#
 70 0.0 9.3 13.9#

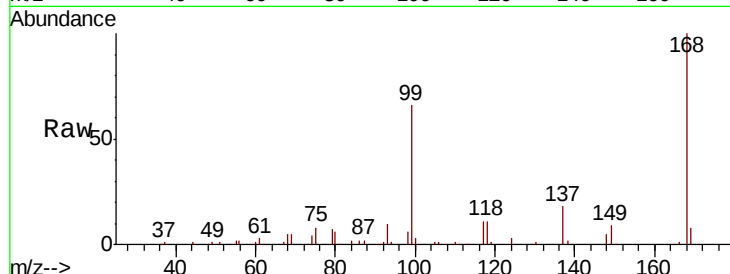




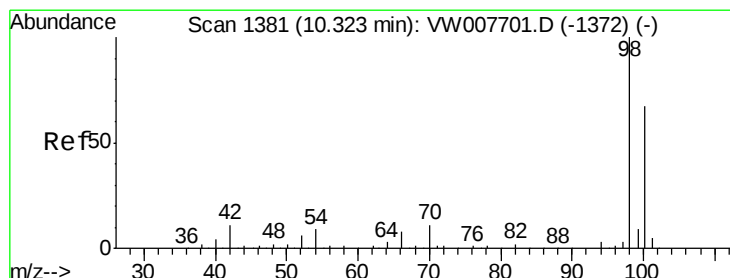
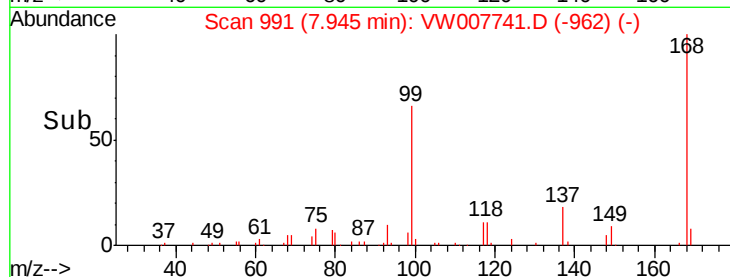
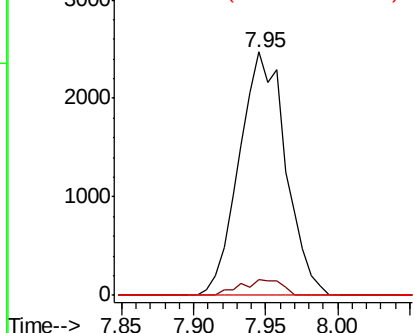
#38
Carbon Tetrachloride
Concen: 6.225 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007741.D
Acq: 20 Dec 2018 11:33

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0006-01RE

Tot Ion:117 Resp: 5534
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 26.1 39.1#

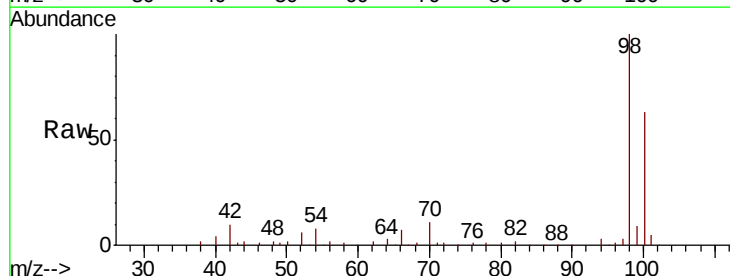


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

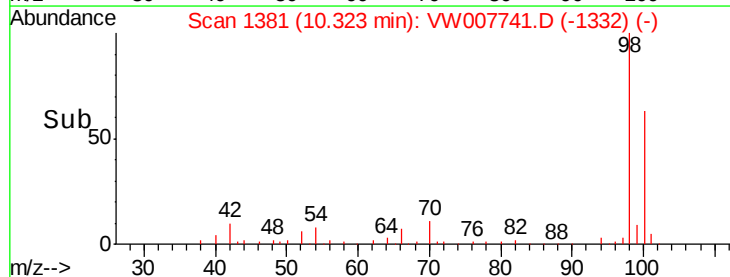
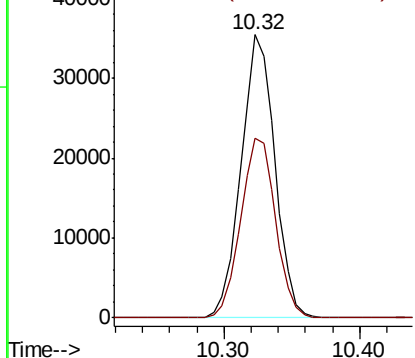


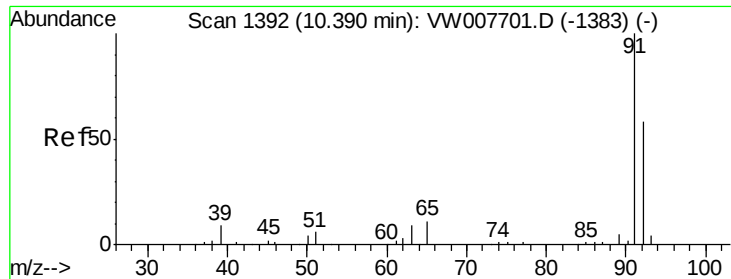
#50
Toluene-d8
Concen: 34.159 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007741.D
Acq: 20 Dec 2018 11:33

Tgt Ion: 98 Resp: 61441
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.054 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW007741.D

Acq: 20 Dec 2018 11:33

Instrument :

MSVOA_W

ClientSampleId :

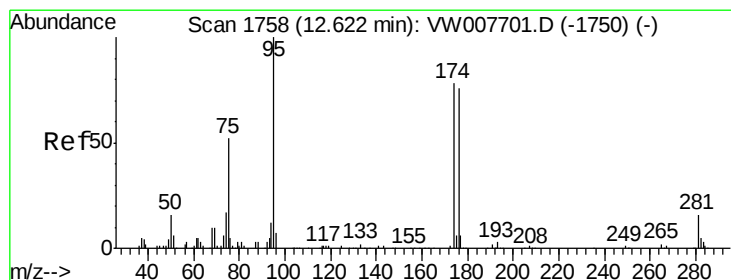
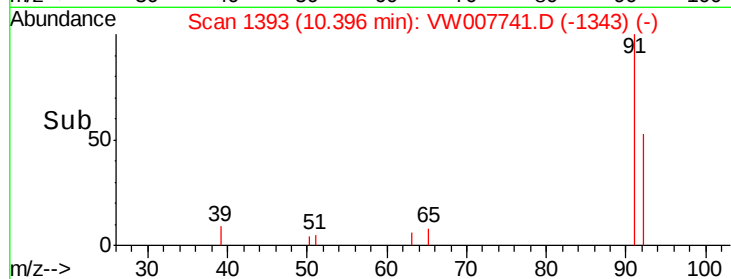
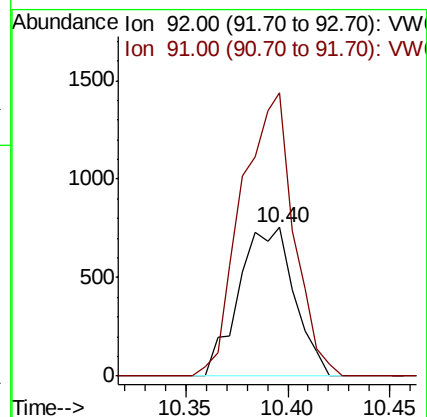
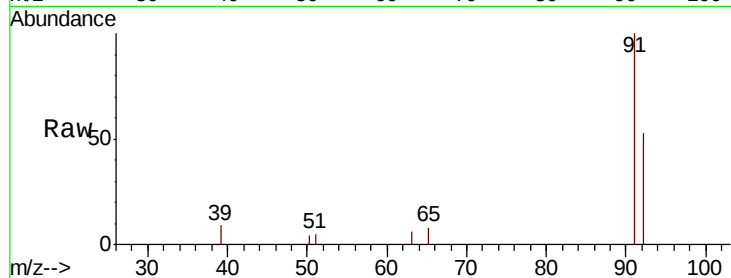
P001-SS006-0006-01RE

Tot Ion: 92 Resp: 1425

Ion Ratio Lower Upper

92 100

91 180.4 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 19.801 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007741.D

Acq: 20 Dec 2018 11:33

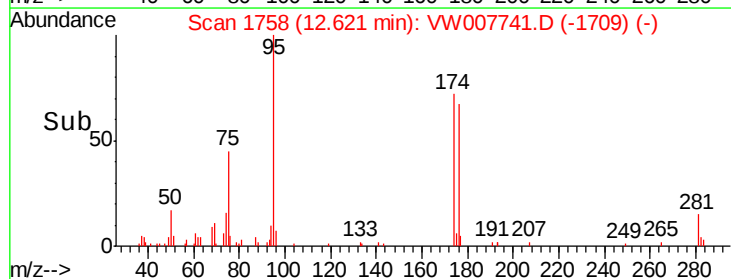
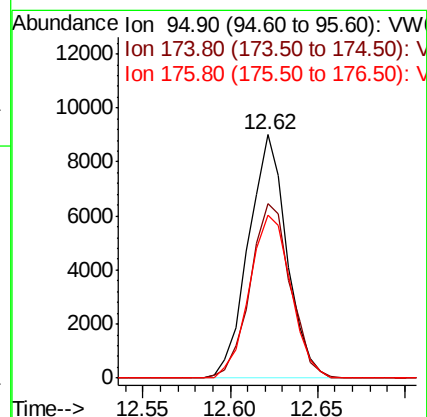
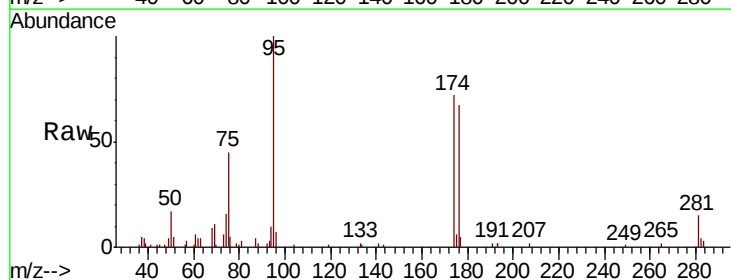
Tgt Ion: 95 Resp: 13759

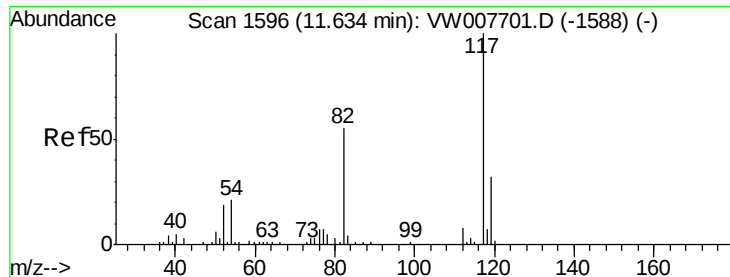
Ion Ratio Lower Upper

95 100

174 75.2 0.0 152.2

176 72.0 0.0 146.8

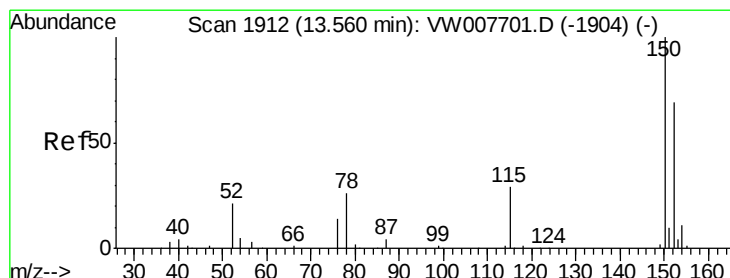
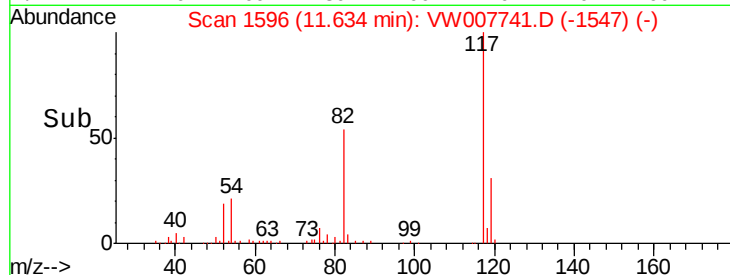
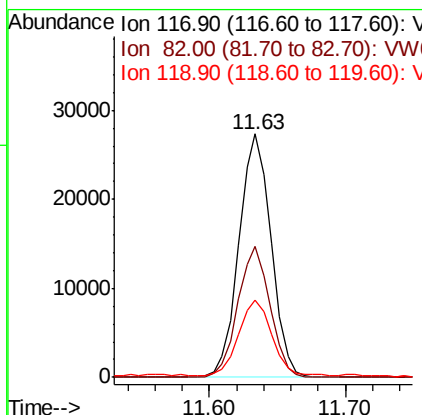
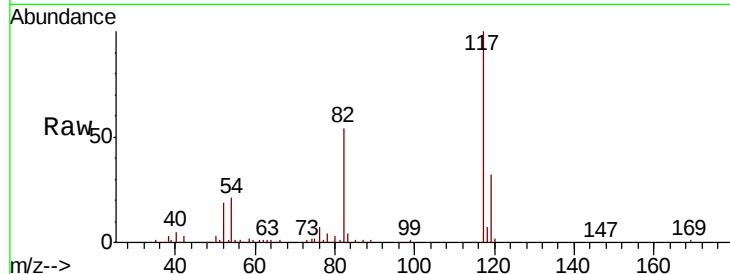




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007741.D
Acq: 20 Dec 2018 11:33

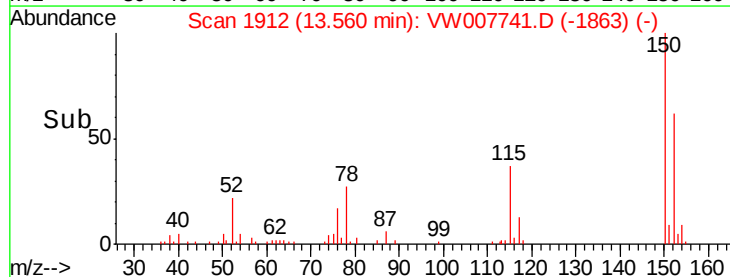
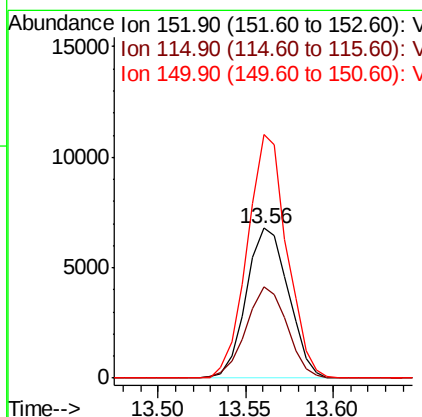
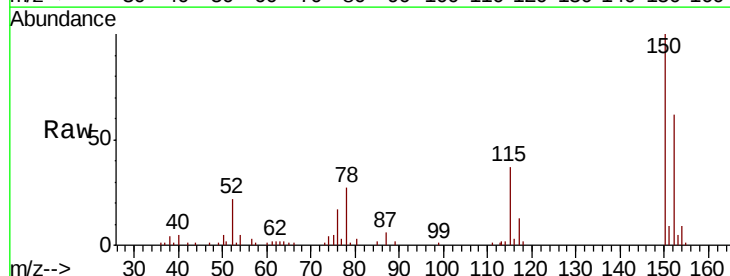
Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0006-01RE

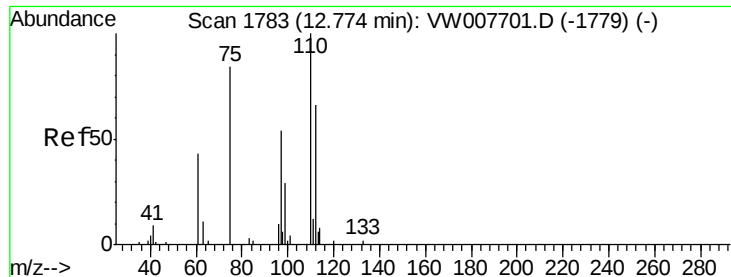
Tot Ion:117 Resp: 45153
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007741.D
Acq: 20 Dec 2018 11:33

Tgt Ion:152 Resp: 11358
Ion Ratio Lower Upper
152 100
115 59.3 31.8 95.4
150 153.0 0.0 350.8





#76

1,2,3-Trichloropropane

Concen: 80.137 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007741.D

Acq: 20 Dec 2018 11:33

Instrument :

MSVOA_W

ClientSampleId :

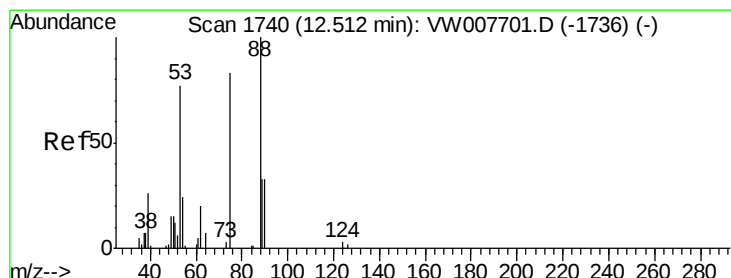
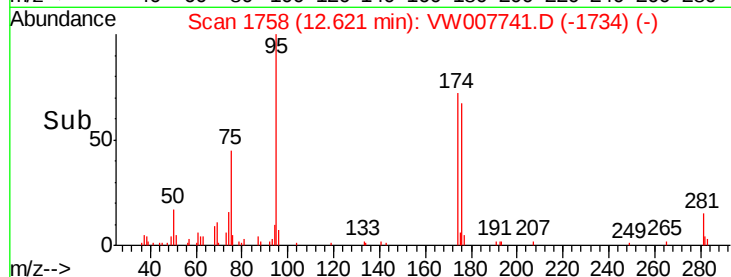
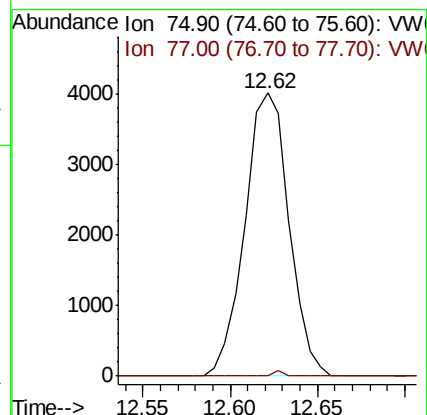
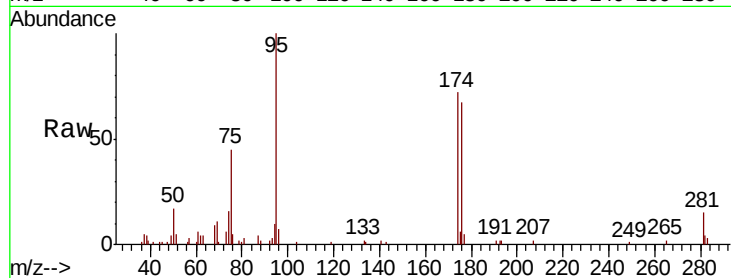
P001-SS006-0006-01RE

Tot Ion: 75 Resp: 7035

Ion Ratio Lower Upper

75 100

77 0.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 168.214 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007741.D

Acq: 20 Dec 2018 11:33

Tgt Ion: 75 Resp: 7035

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#

