

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007192.D
 Acq On : 04 Dec 2018 17:21
 Operator : SY/AP
 Sample : J6168-13
 Misc : 5.1G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S3

Quant Time: Dec 05 05:06:07 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	75020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	119273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47102	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	36681	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
35) Dibromofluoromethane	7.89	113	33671	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	10.33	98	136978	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
62) 4-Bromofluorobenzene	12.62	95	51379	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	

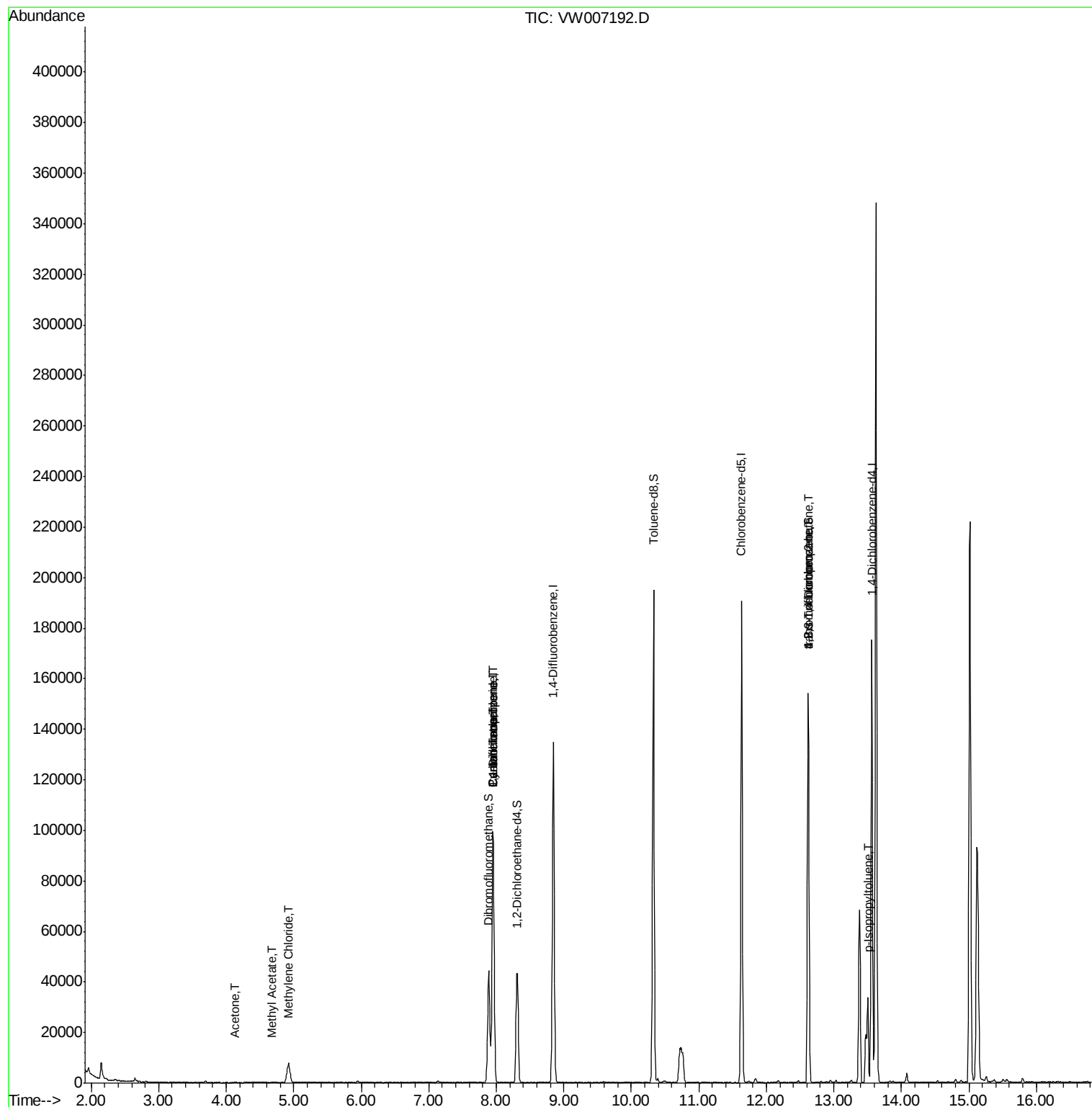
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	44	Below Cal	#	75
16) Acetone	4.14	43	355	2.147	ug/l #	45
18) Methyl Acetate	4.68	43	388	1.028	ug/l #	50
20) Methylene Chloride	4.92	84	6360	2.704	ug/l	94
31) Cyclohexane	7.95	56	1582	1.141	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	5834	5.027	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7608	6.423	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	24165	34.139	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	24165	142.808	ug/l #	13
86) p-Isopropyltoluene	13.51	119	18795	5.164	ug/l	94

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

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S3

Quant Time: Dec 05 05:06:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
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: VW007192.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_W

ClientSampled :

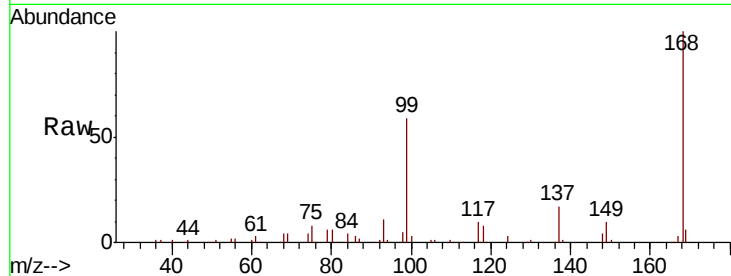
S3

Tot Ion:168 Resp: 75020

Ion Ratio Lower Upper

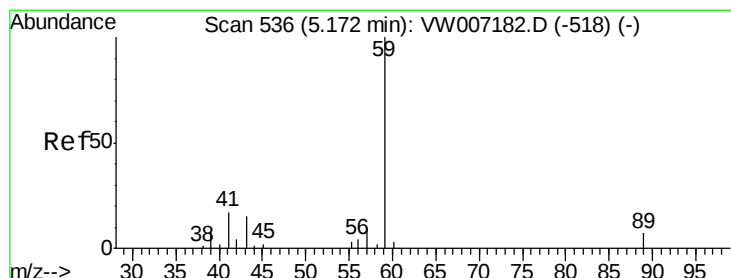
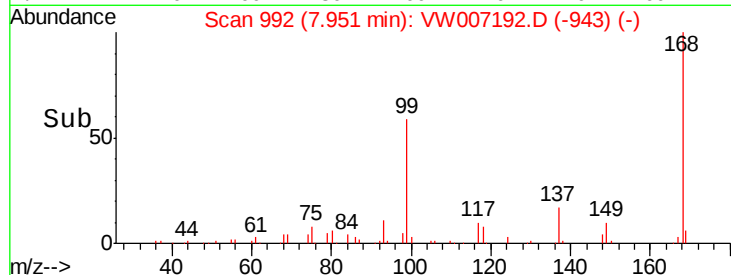
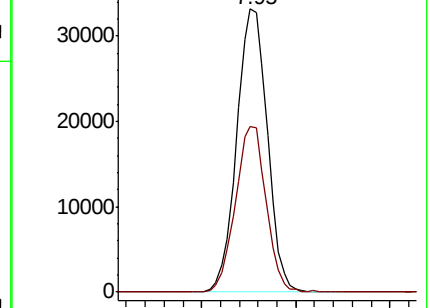
168 100

99 58.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW007192.D

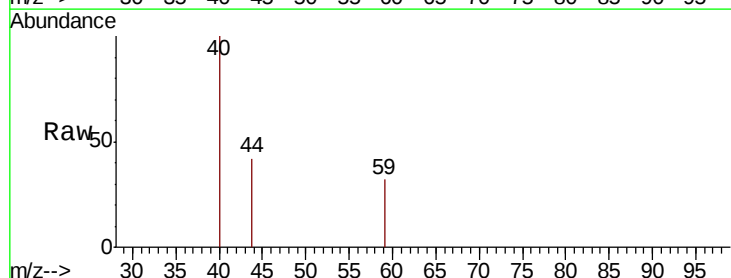
Acq: 04 Dec 2018 17:21

Tgt Ion: 59 Resp: 44

Ion Ratio Lower Upper

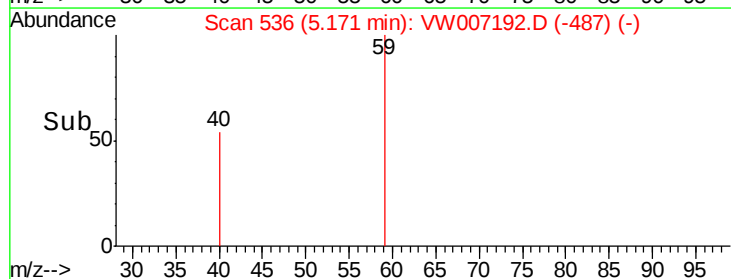
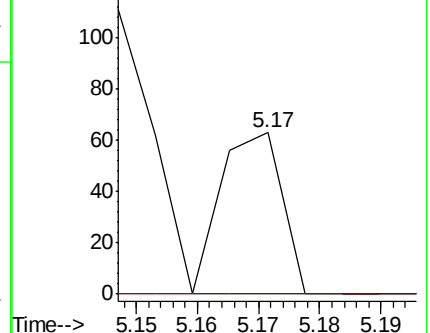
59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

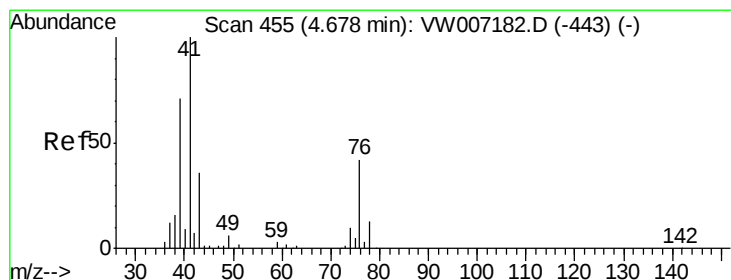
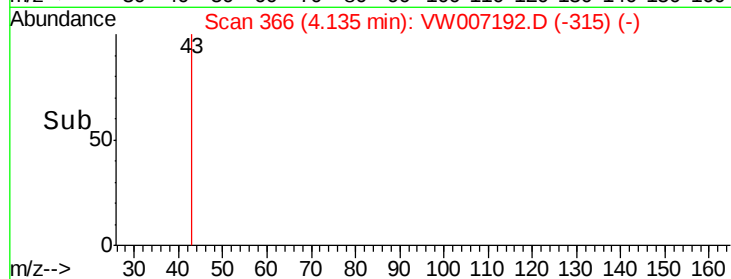
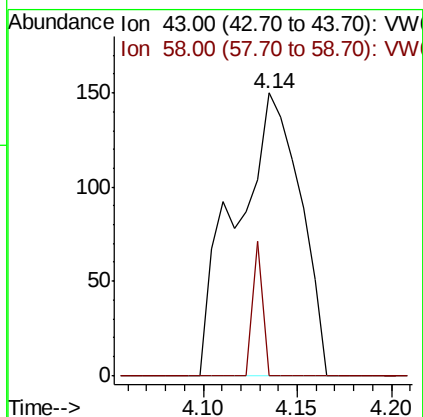
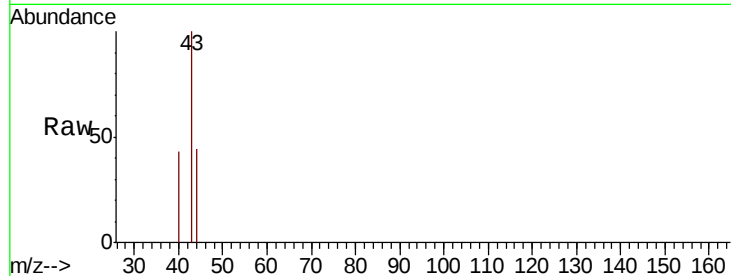




#16
Acetone
Concen: 2.147 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW007192.D
Acq: 04 Dec 2018 17:21

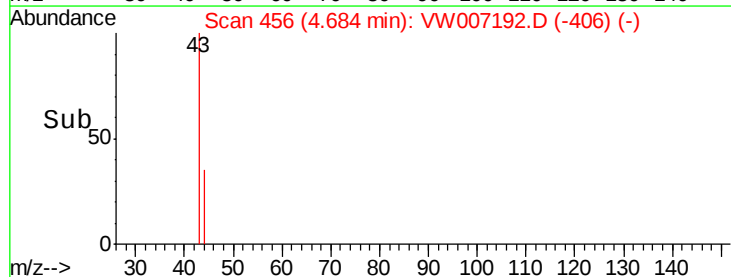
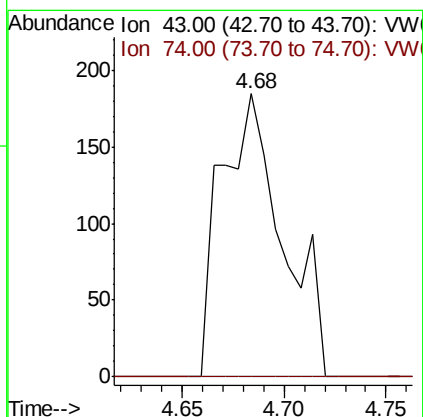
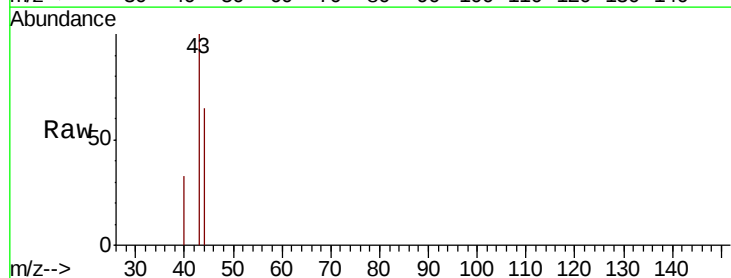
Instrument :
MSVOA_W
ClientSampled :
S3

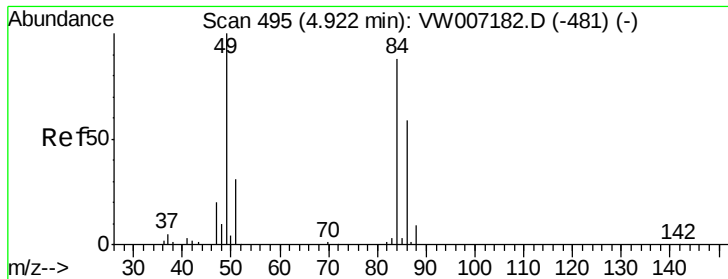
Tot Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: 1.028 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW007192.D
Acq: 04 Dec 2018 17:21

Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#





#20

Methylene Chloride

Concen: 2.704 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007192.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_W

ClientSampleId :

S3

Tot Ion: 84 Resp: 6360

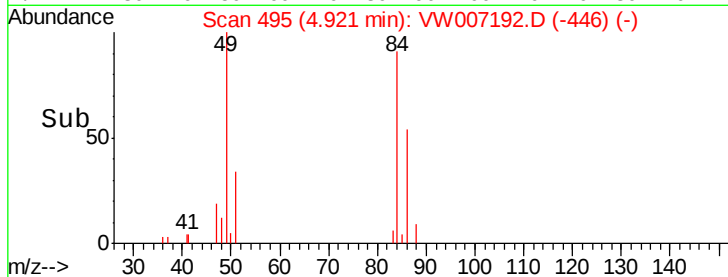
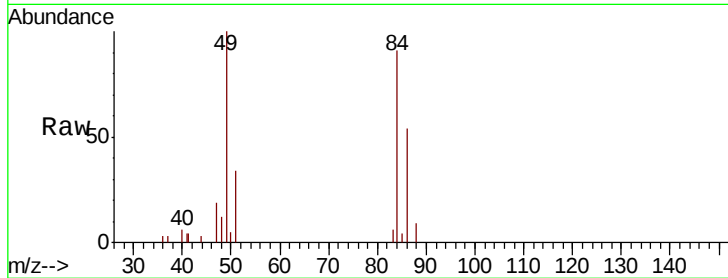
Ion Ratio Lower Upper

84 100

49 110.0 90.6 135.8

51 37.5 27.6 41.4

86 59.0 53.7 80.5

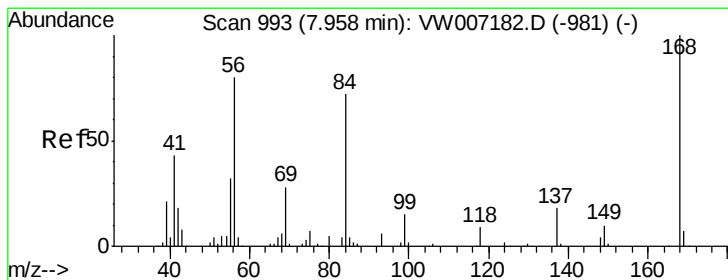
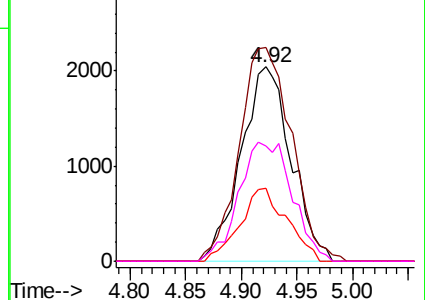


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.141 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007192.D

Acq: 04 Dec 2018 17:21

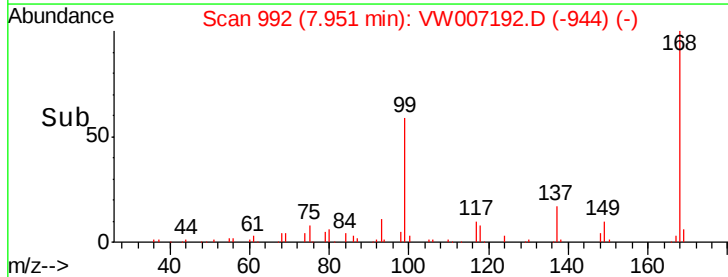
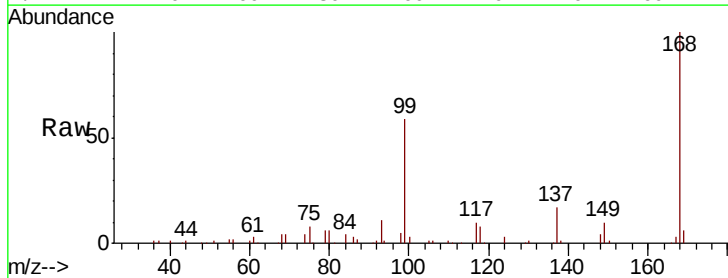
Tgt Ion: 56 Resp: 1582

Ion Ratio Lower Upper

56 100

69 163.9 28.2 42.2#

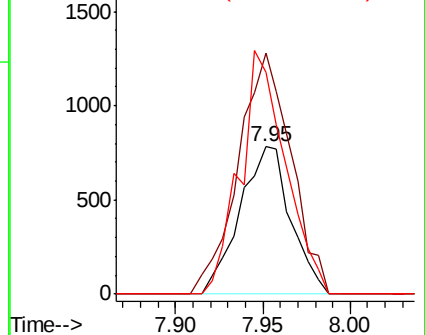
84 150.4 72.1 108.1#

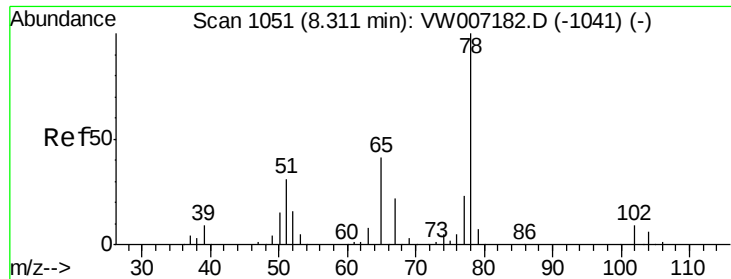


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

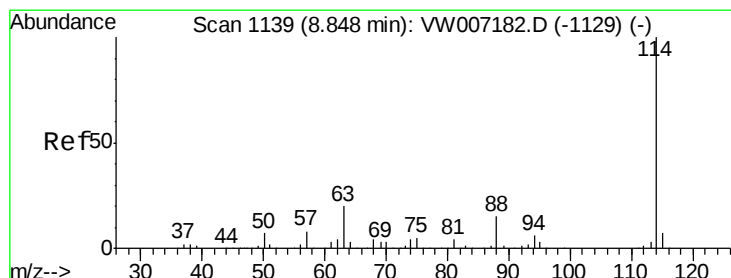
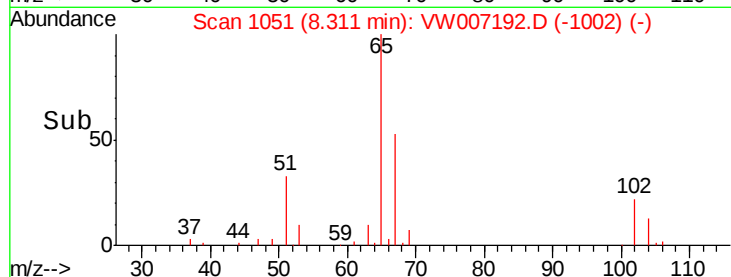
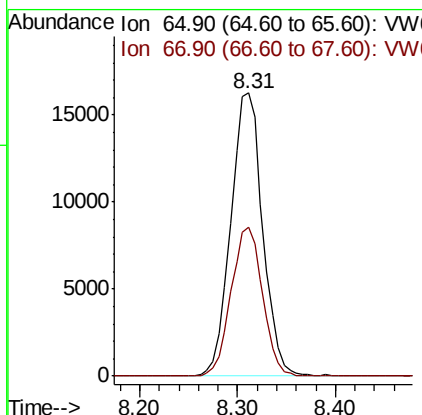
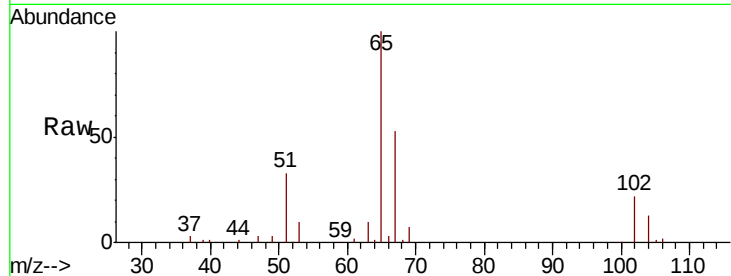




#33
 1,2-Dichloroethane-d4
 Concen: 52.516 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007192.D
 Acq: 04 Dec 2018 17:21

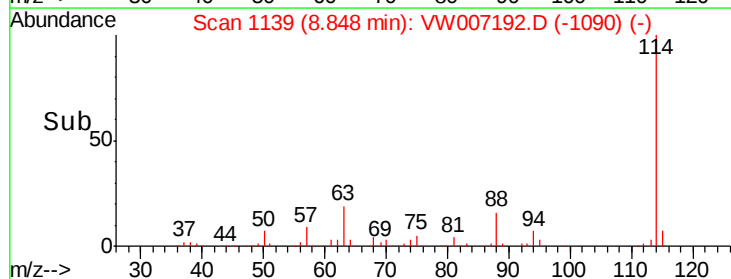
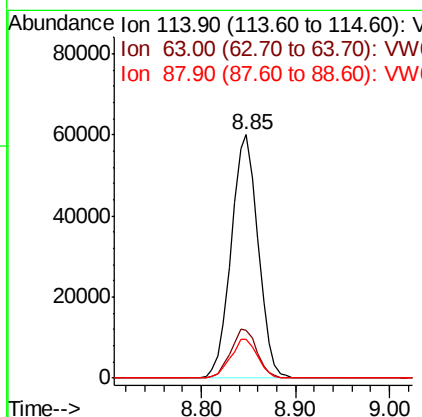
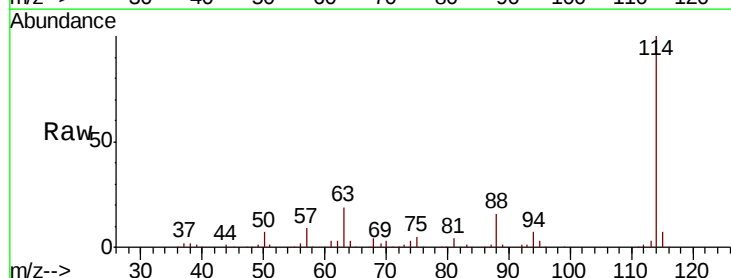
Instrument :
 MSVOA_W
 ClientSampleId :
 S3

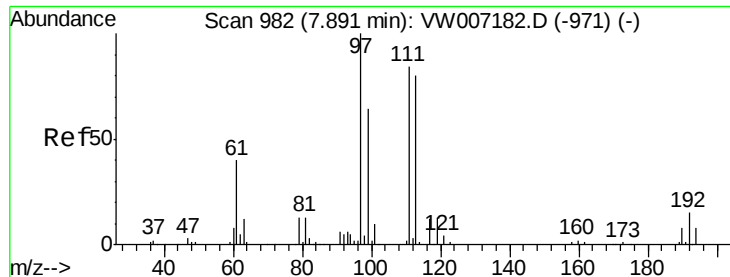
Tot Ion: 65 Resp: 36681
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007192.D
 Acq: 04 Dec 2018 17:21

Tgt Ion: 114 Resp: 119273
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.2
 88 16.0 0.0 30.0

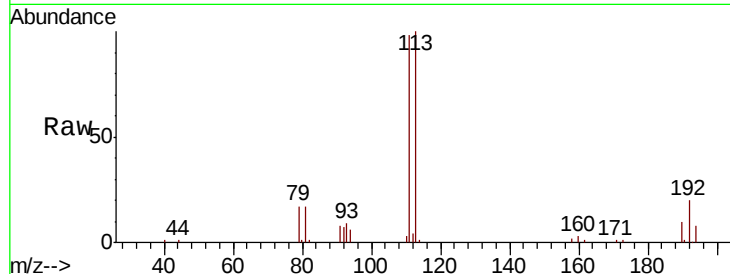




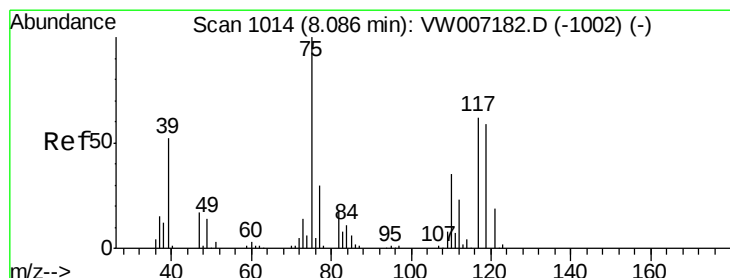
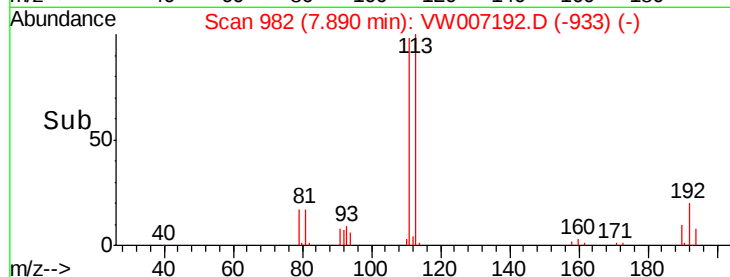
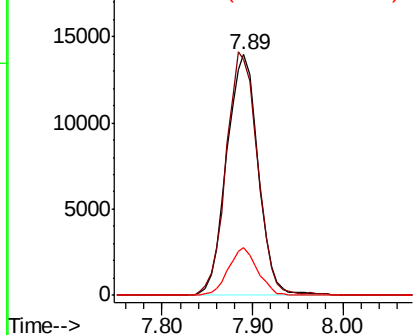
#35
 Dibromofluoromethane
 Concen: 49.302 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007192.D
 Acq: 04 Dec 2018 17:21

Instrument :
 MSVOA_W
 ClientSampleId :
 S3

Tot Ion:113 Resp: 33671
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.2 123.4
 192 18.3 14.4 21.6

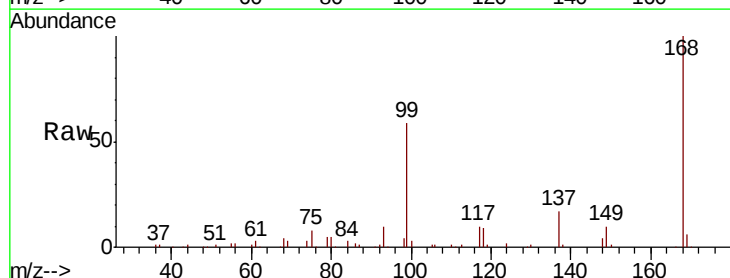


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

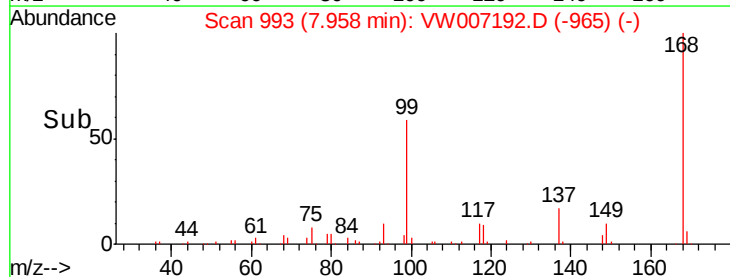
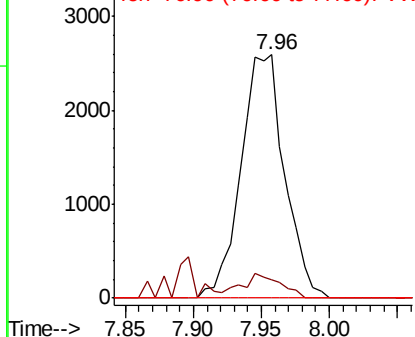


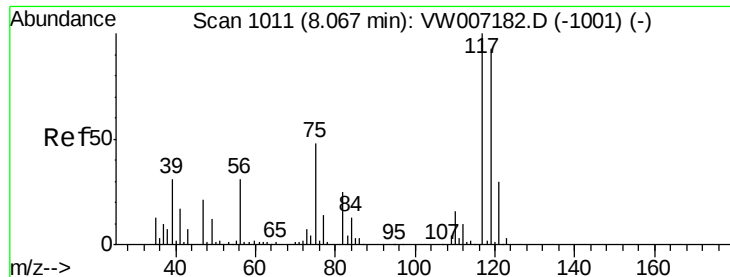
#36
 1,1-Dichloropropene
 Concen: 5.027 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW007192.D
 Acq: 04 Dec 2018 17:21

Tgt Ion: 75 Resp: 5834
 Ion Ratio Lower Upper
 75 100
 110 8.8 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

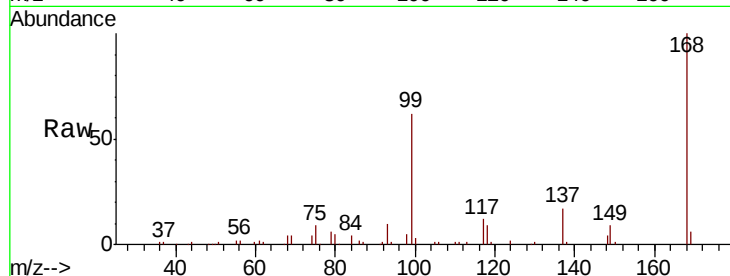




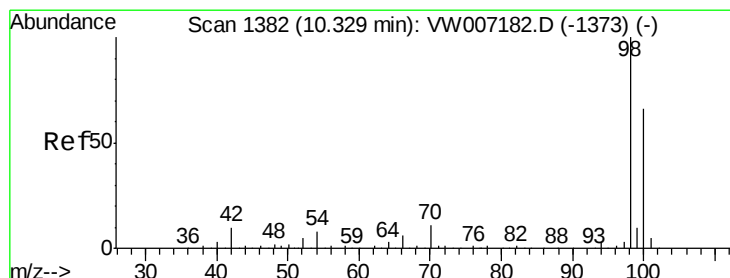
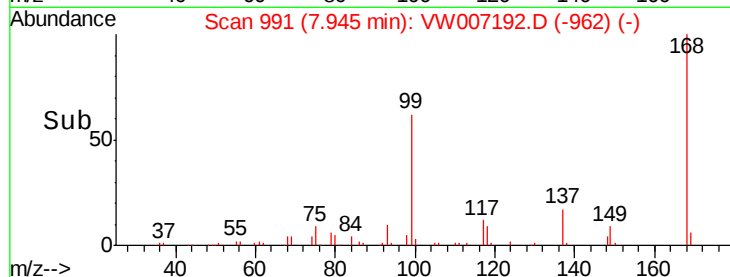
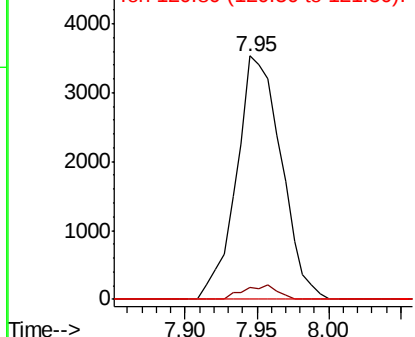
#38
Carbon Tetrachloride
Concen: 6.423 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007192.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_W
ClientSampleId :
S3

Tot Ion:117 Resp: 7608
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 23.9 35.9#

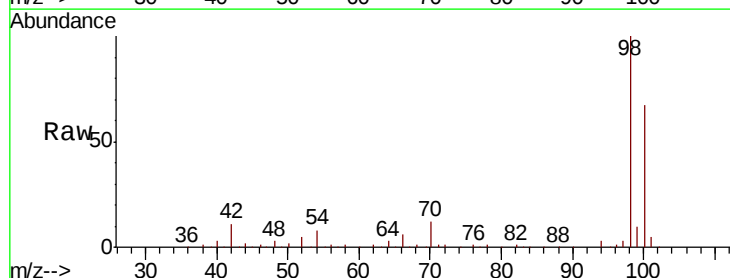


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

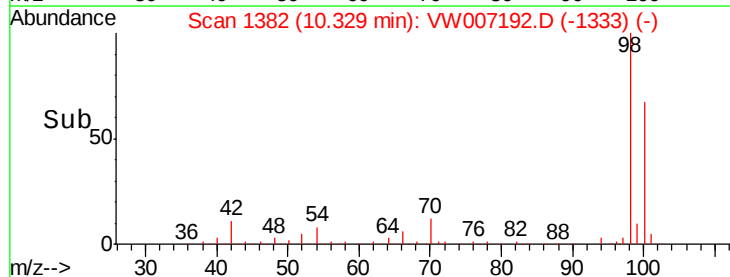
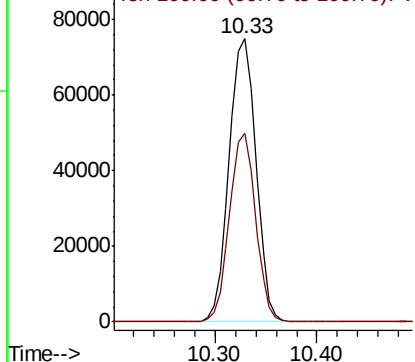


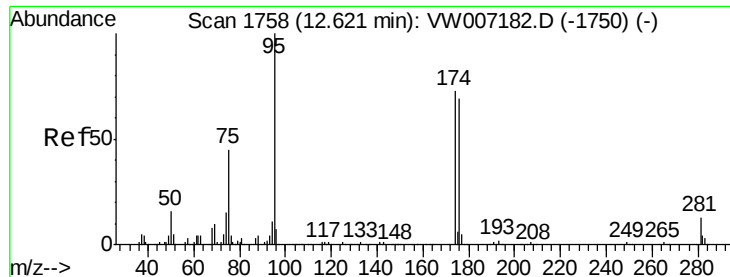
#50
Toluene-d8
Concen: 45.532 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007192.D
Acq: 04 Dec 2018 17:21

Tgt Ion: 98 Resp: 136978
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



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





#62

4-Bromofluorobenzene

Concen: 45.248 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007192.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_W

ClientSampleId :

S3

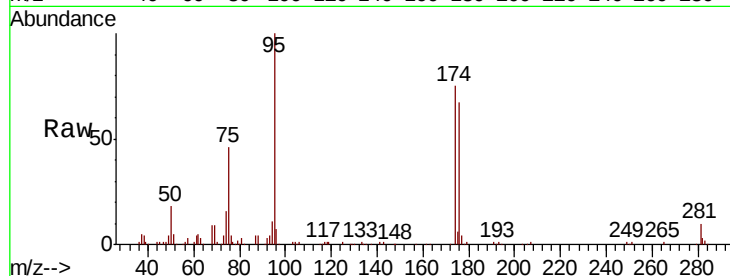
Tot Ion: 95 Resp: 51379

Ion Ratio Lower Upper

95 100

174 74.7 0.0 148.0

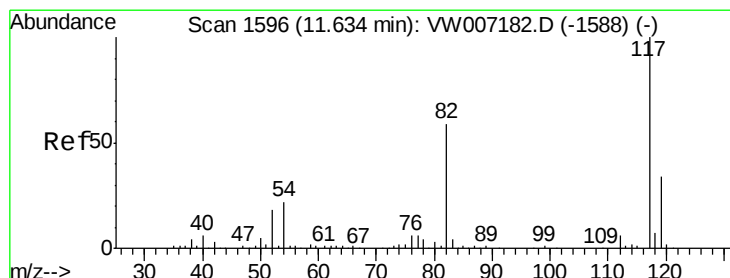
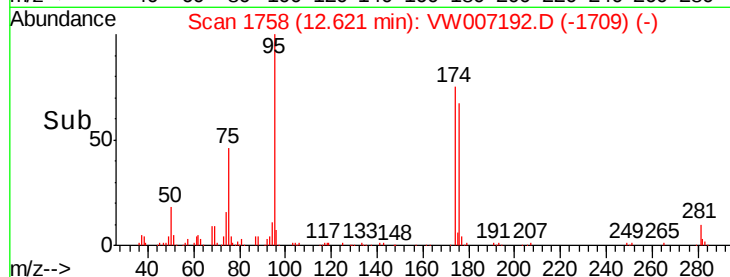
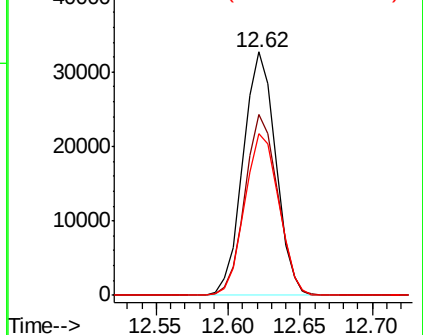
176 69.8 0.0 139.4



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: VW007192.D

Acq: 04 Dec 2018 17:21

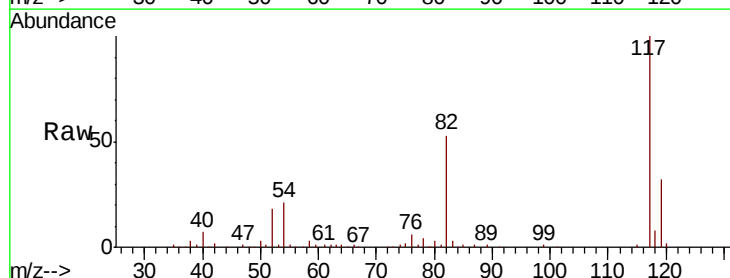
Tgt Ion: 117 Resp: 108528

Ion Ratio Lower Upper

117 100

82 52.8 47.4 71.2

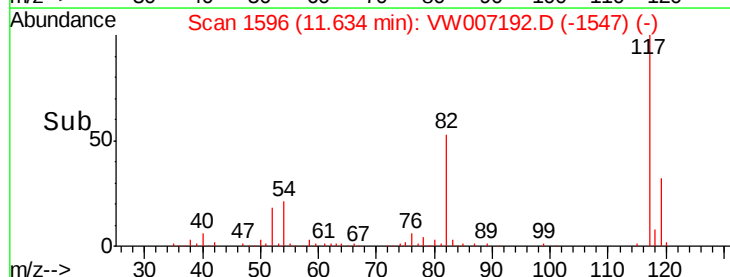
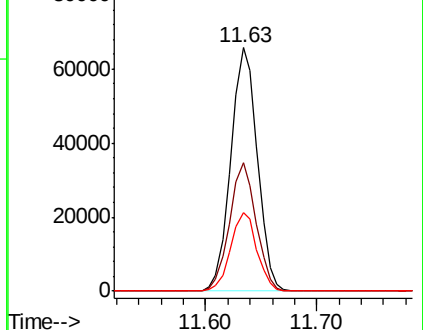
119 32.2 26.8 40.2

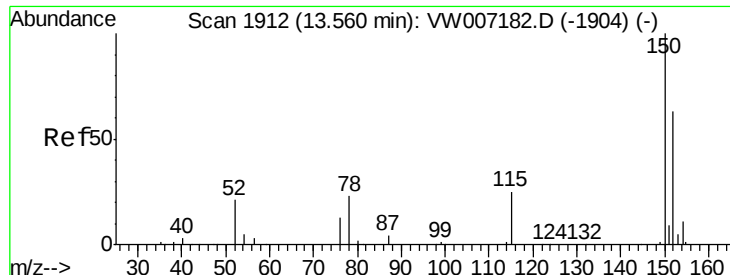


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007192.D

Acq: 04 Dec 2018 17:21

Instrument :

MSVOA_W

ClientSampled :

S3

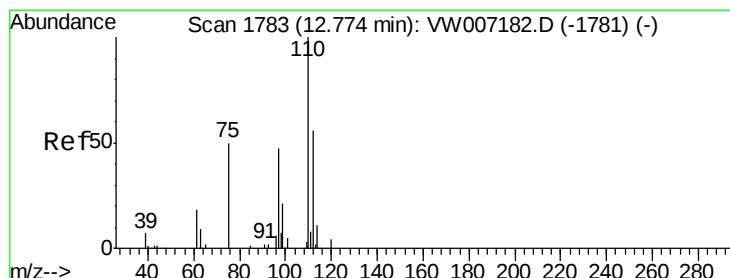
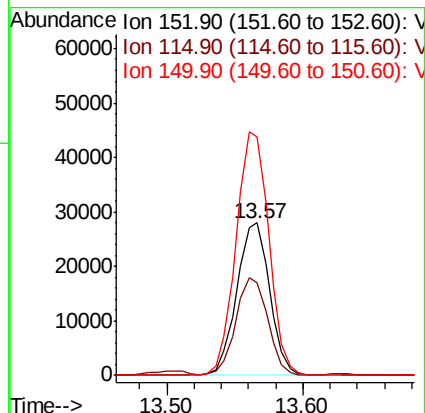
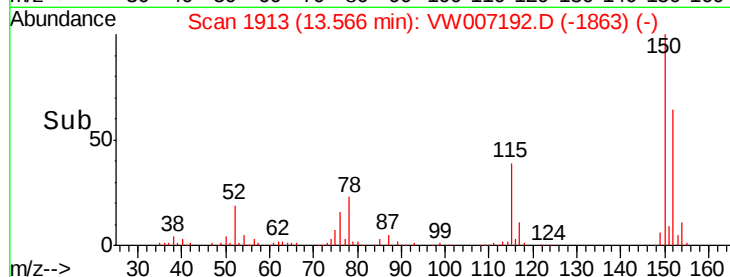
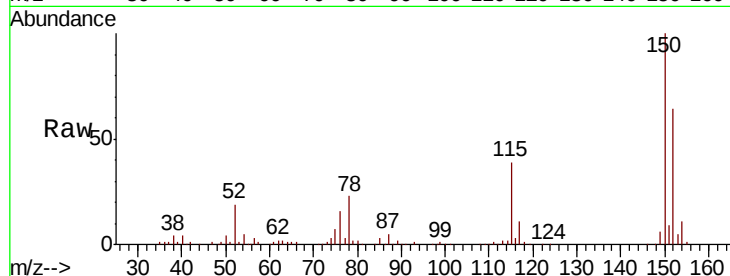
Tot Ion:152 Resp: 47102

Ion Ratio Lower Upper

152 100

115 61.8 31.3 93.8

150 159.7 0.0 358.0



#76

1,2,3-Trichloropropane

Concen: 34.139 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007192.D

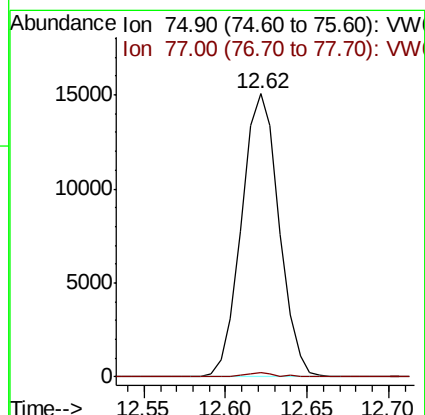
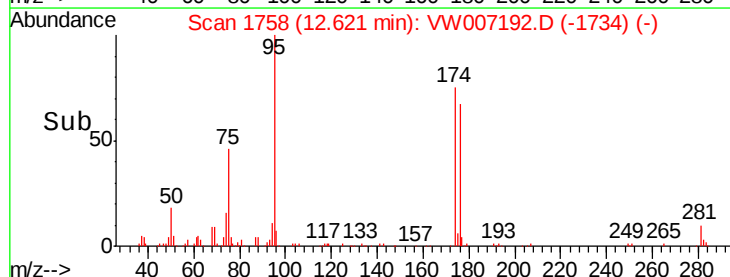
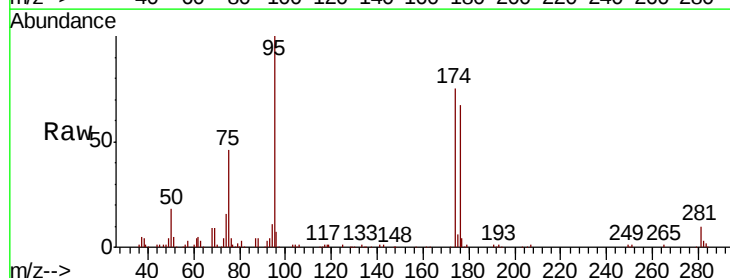
Acq: 04 Dec 2018 17:21

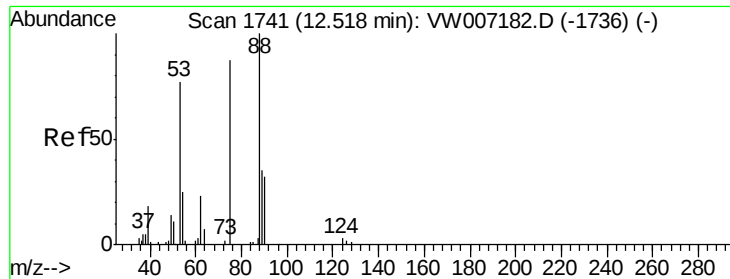
Tgt Ion: 75 Resp: 24165

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

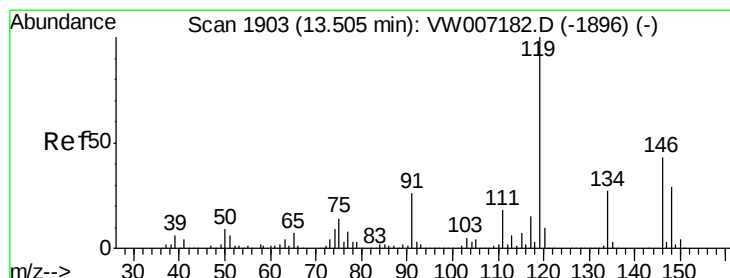
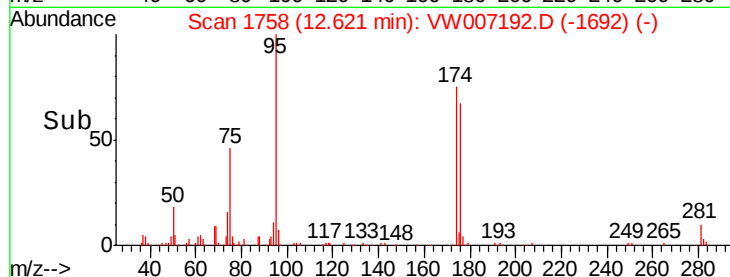
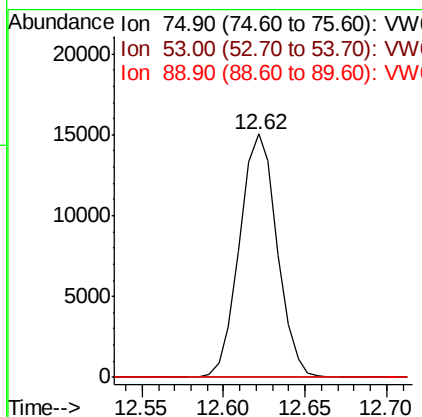
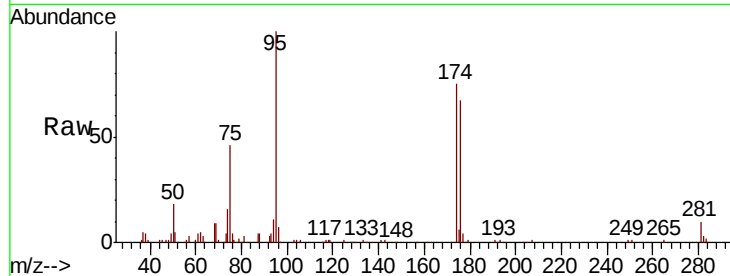




#81
trans-1,4-Dichloro-2-butene
Concen: 142.808 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW007192.D
Acq: 04 Dec 2018 17:21

Instrument :
MSVOA_W
ClientSampleId :
S3

Tot Ion: 75 Resp: 24165
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.1 36.4 54.6#



#86
p-Isopropyltoluene
Concen: 5.164 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW007192.D
Acq: 04 Dec 2018 17:21

Tgt Ion: 119 Resp: 18795
Ion Ratio Lower Upper
119 100
134 25.6 13.2 39.6
91 30.3 12.4 37.2

