

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006540.D
 Acq On : 31 Oct 2018 21:20
 Operator : SY/AP
 Sample : J5649-03RE
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 31 23:15:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

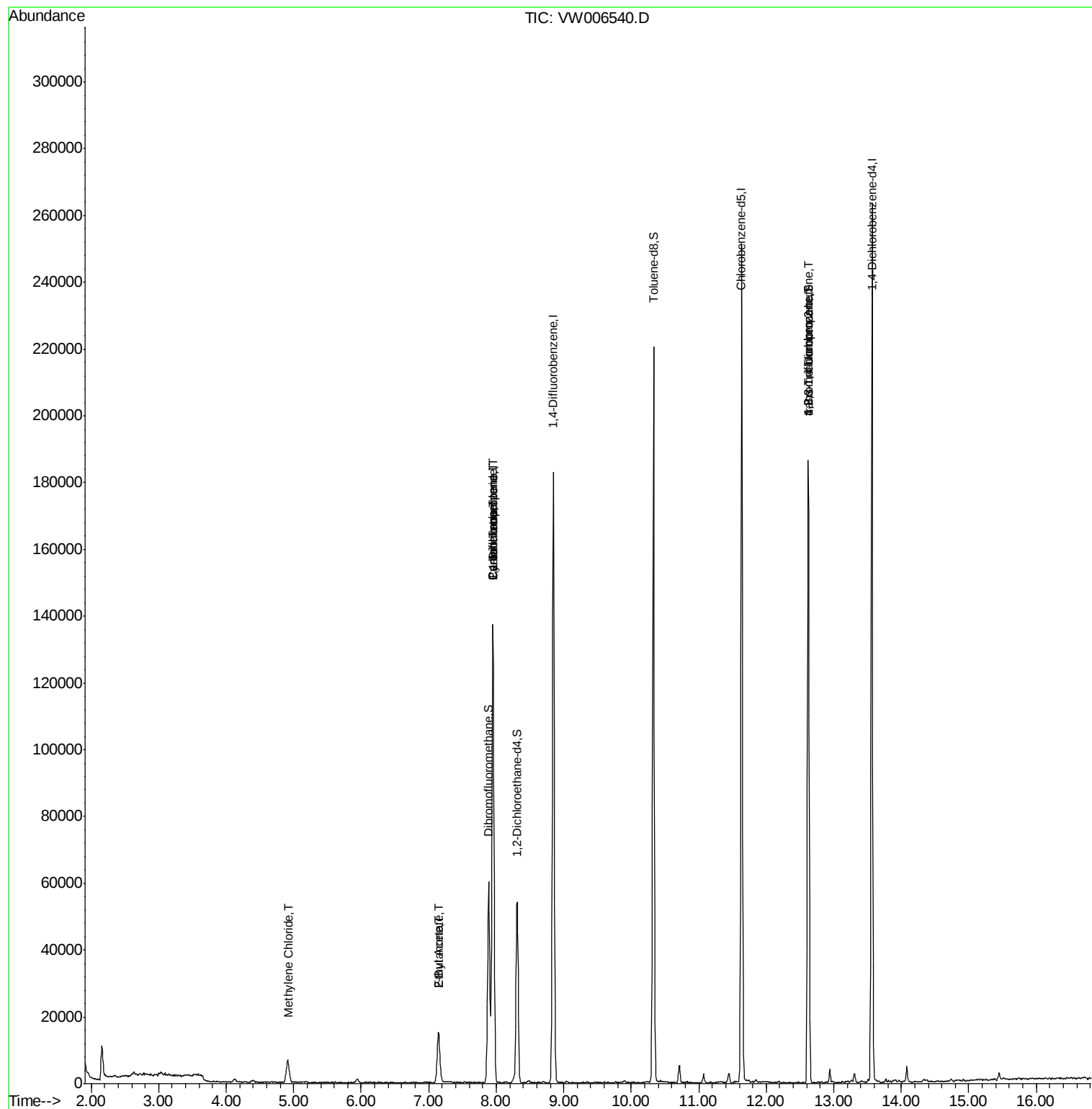
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	167143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44305	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
35) Dibromofluoromethane	7.89	113	42389	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	
50) Toluene-d8	10.33	98	153650	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	
62) 4-Bromofluorobenzene	12.62	95	51907	36.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.56%	
Target Compounds						
16) Acetone	4.14	43	1746	Below Cal	Qvalue	100
20) Methylene Chloride	4.92	84	5413	3.913 ug/l #		79
25) 2-Butanone	7.15	43	788	3.087 ug/l #		46
31) Cyclohexane	7.95	56	2026	1.172 ug/l #		4
36) 1,1-Dichloropropene	7.95	75	6948	4.510 ug/l #		48
37) Ethyl Acetate	7.15	43	788	1.377 ug/l #		1
38) Carbon Tetrachloride	7.95	117	9675	5.729 ug/l #		16
76) 1,2,3-Trichloropropane	12.62	75	27099	47.159 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	27099	112.728 ug/l #		10

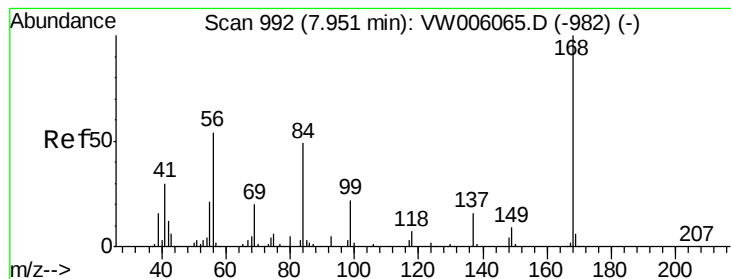
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006540.D

Acq: 31 Oct 2018 21:20

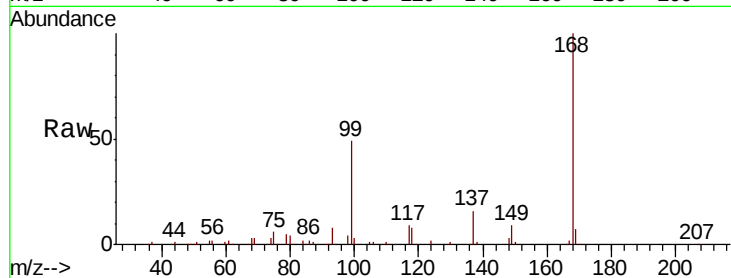
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 113981

Ion Ratio Lower Upper

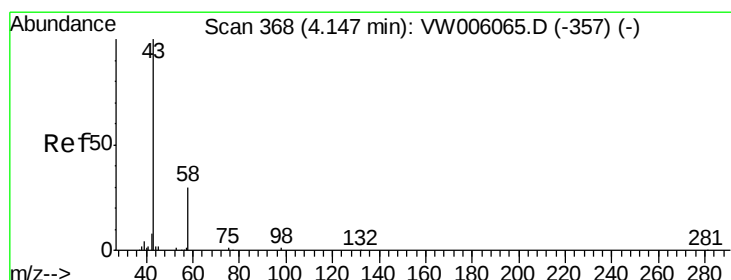
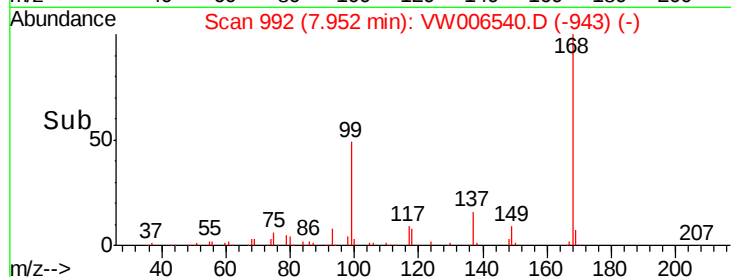
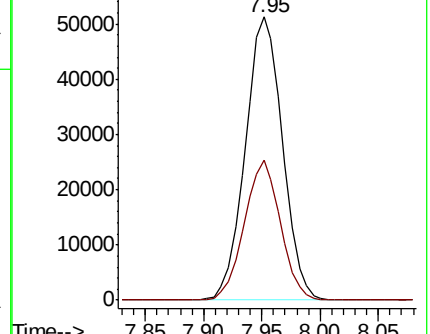
168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006540.D

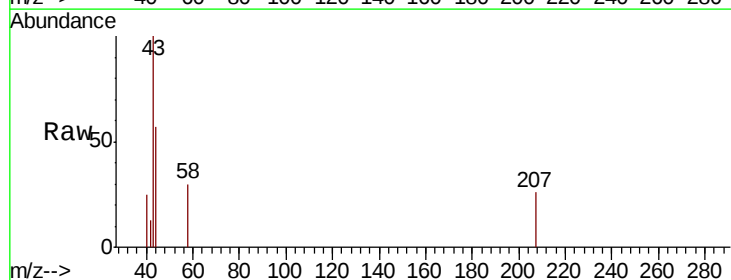
Acq: 31 Oct 2018 21:20

Tgt Ion: 43 Resp: 1746

Ion Ratio Lower Upper

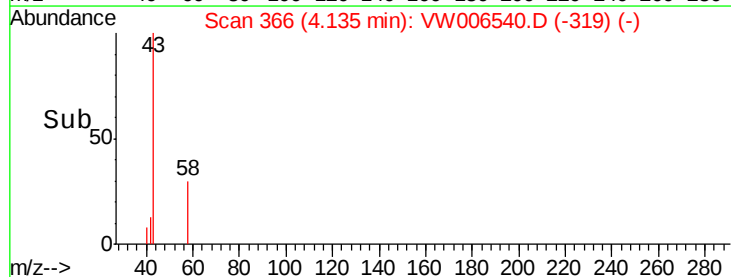
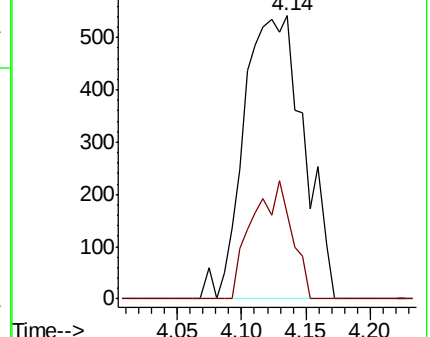
43 100

58 29.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

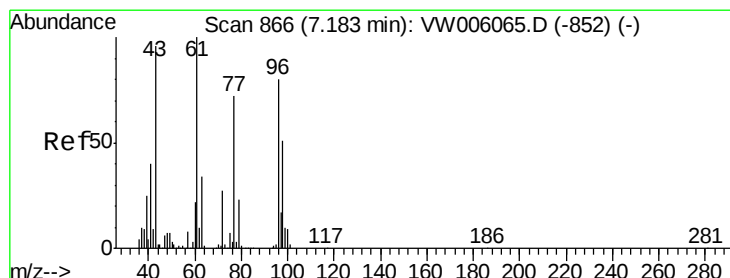
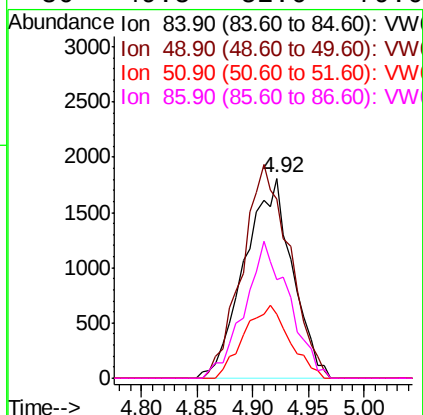
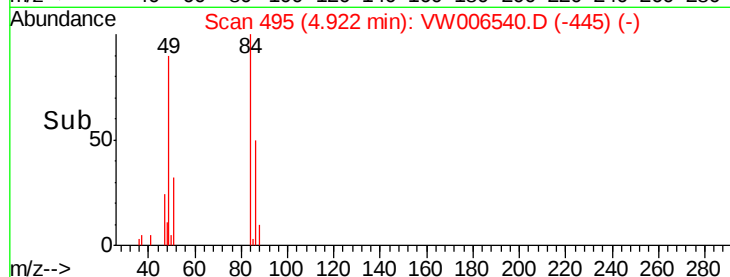
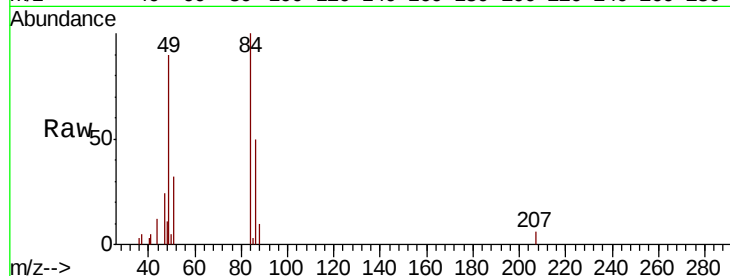




#20
Methvlene Chloride
Concen: 3.913 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006540.D
Acq: 31 Oct 2018 21:20

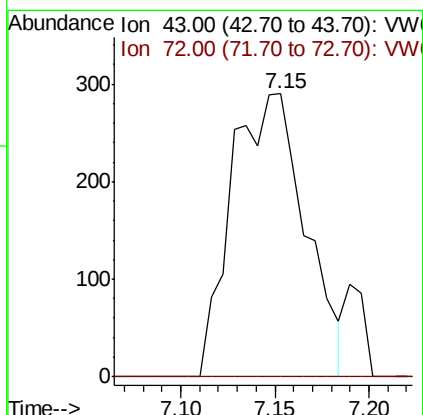
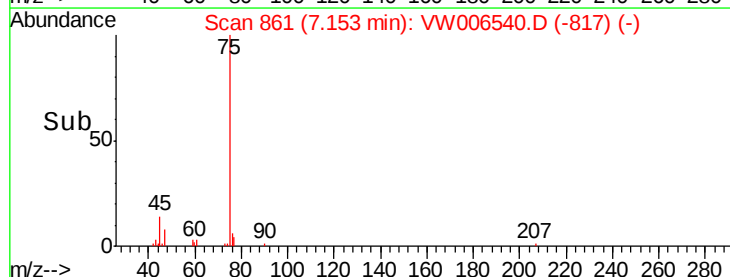
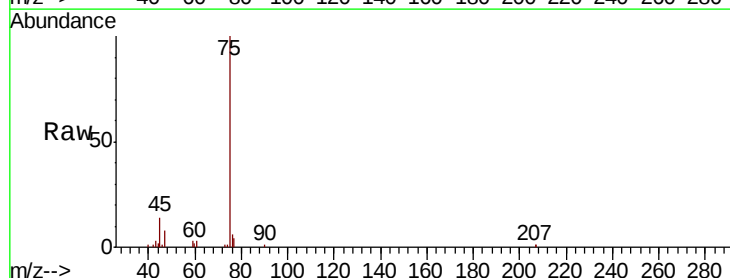
Instrument :
MSVOA_W
ClientSampleId :

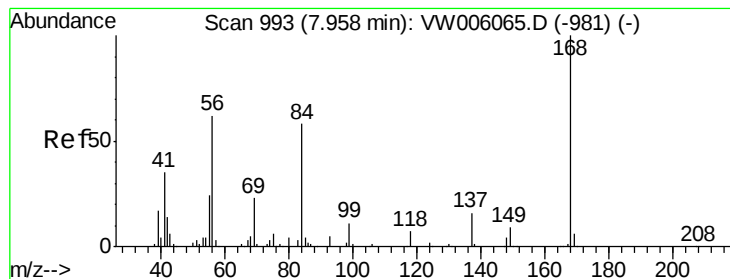
Tot Ion: 84 Resp: 5413
Ion Ratio Lower Upper
84 100
49 89.8 93.6 140.4#
51 32.3 29.0 43.4
86 49.5 52.6 79.0#



#25
2-Butanone
Concen: 3.087 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006540.D
Acq: 31 Oct 2018 21:20

Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#





#31

Cyclohexane

Concen: 1.172 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006540.D

Acq: 31 Oct 2018 21:20

Instrument :
MSVOA_W
ClientSampled :

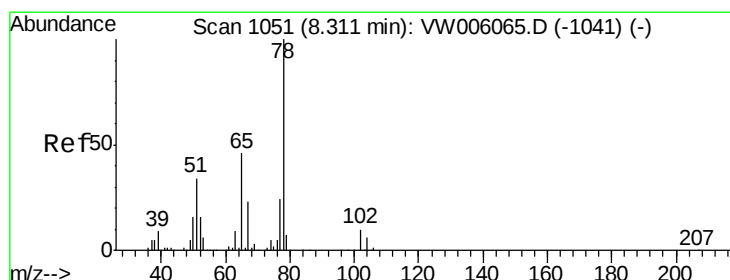
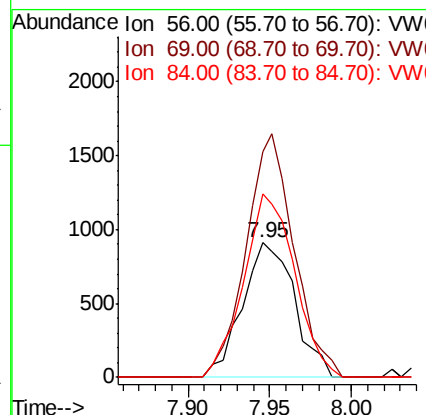
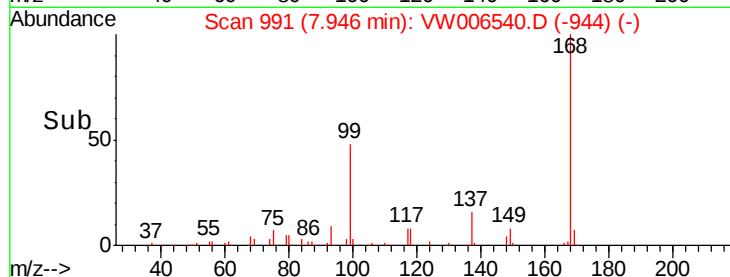
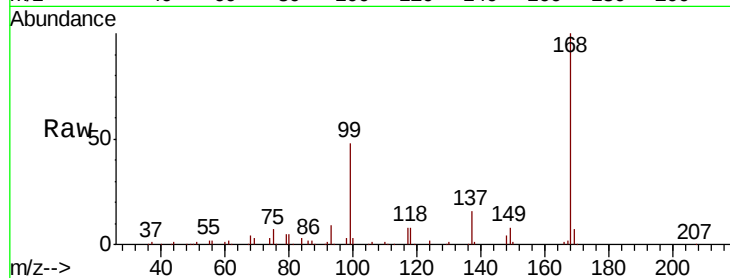
Tot Ion: 56 Resp: 2026

Ion Ratio Lower Upper

56 100

69 167.6 29.4 44.0#

84 136.5 74.0 111.0#



#33

1,2-Dichloroethane-d4

Concen: 46.885 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006540.D

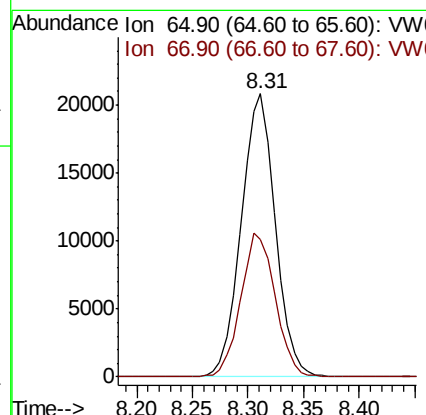
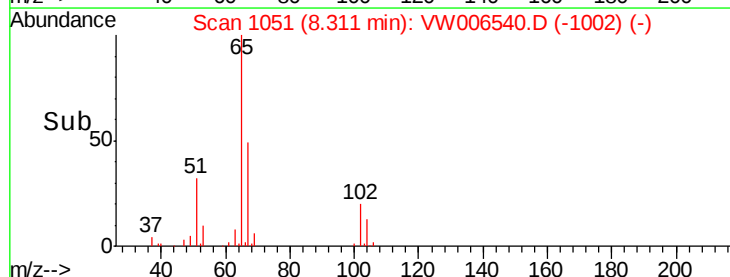
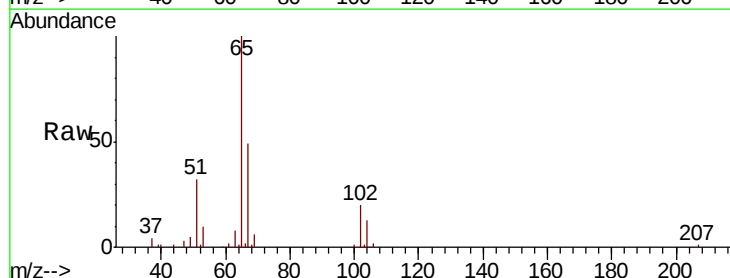
Acq: 31 Oct 2018 21:20

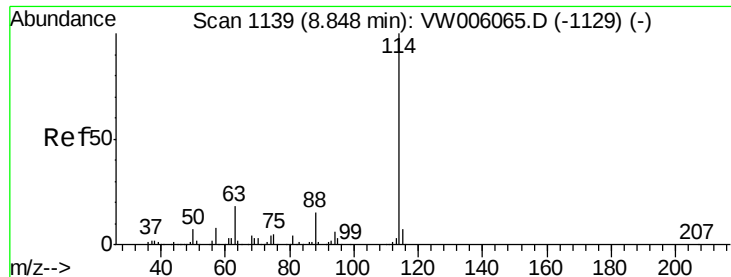
Tgt Ion: 65 Resp: 44305

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.0

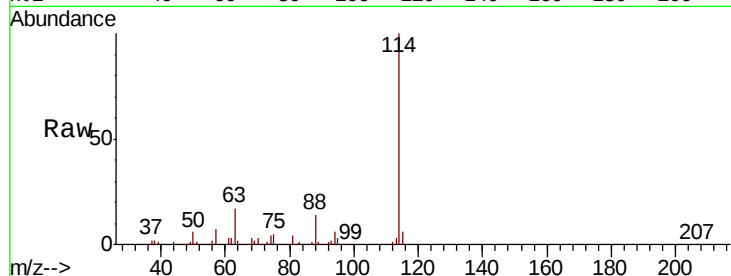




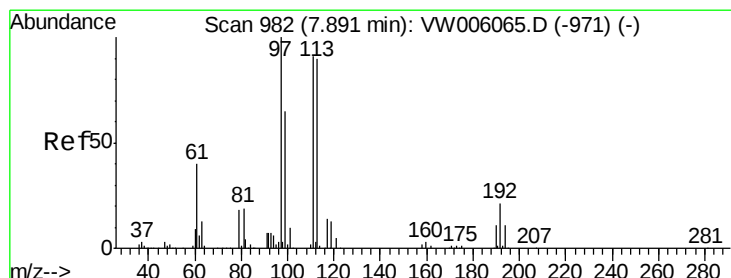
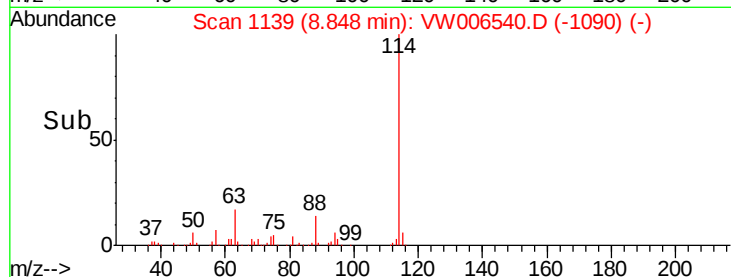
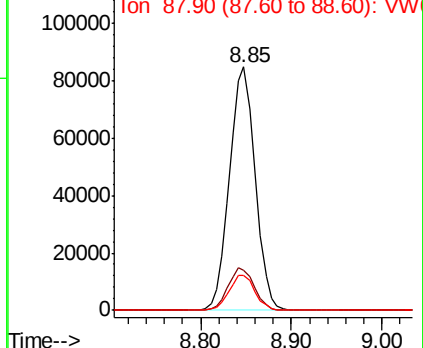
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006540.D
 Acq: 31 Oct 2018 21:20

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	36.8
88	14.3	0.0	29.0

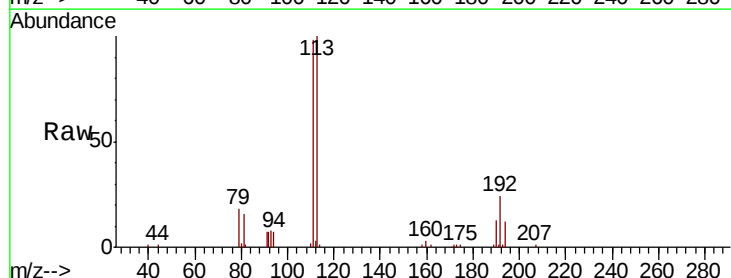


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

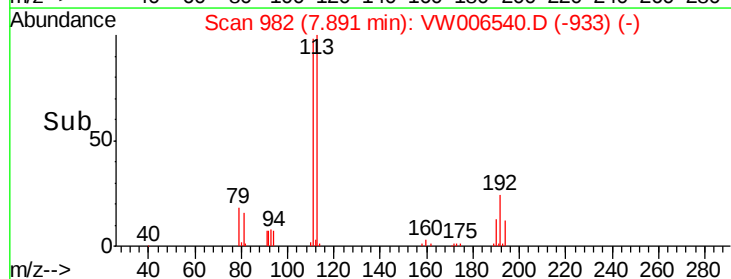
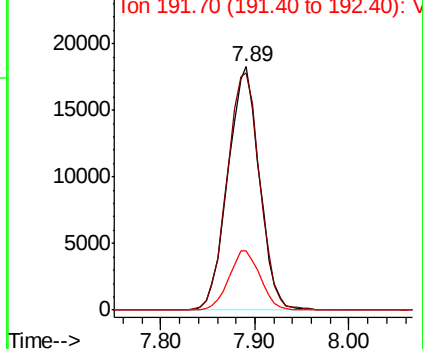


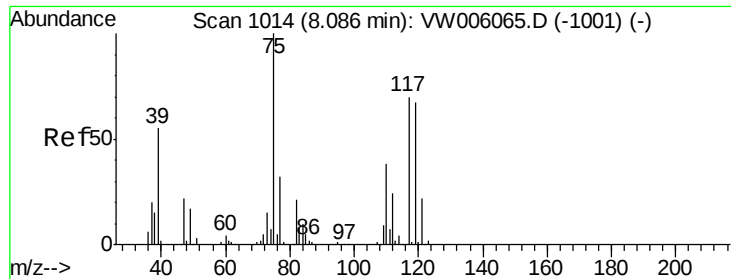
#35
 Dibromofluoromethane
 Concen: 42.920 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006540.D
 Acq: 31 Oct 2018 21:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	24.1	18.7	28.1



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

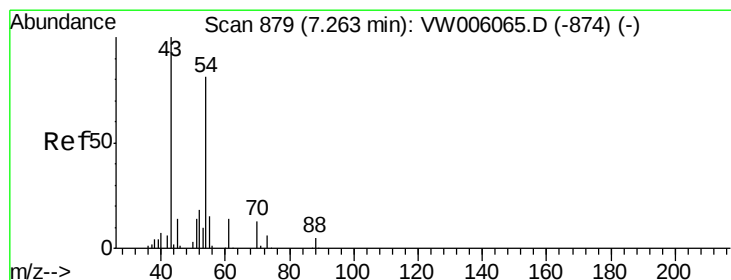
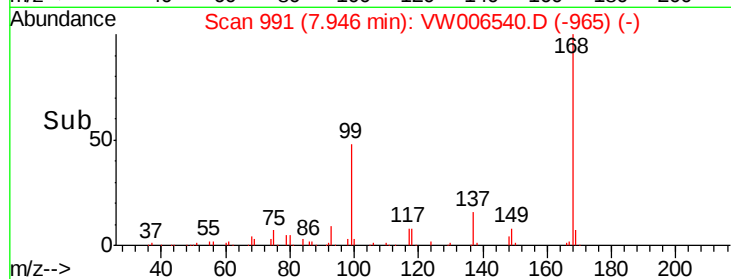
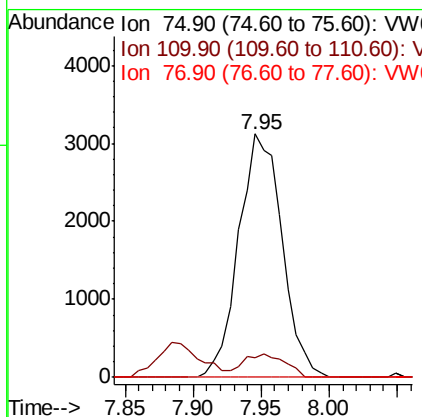
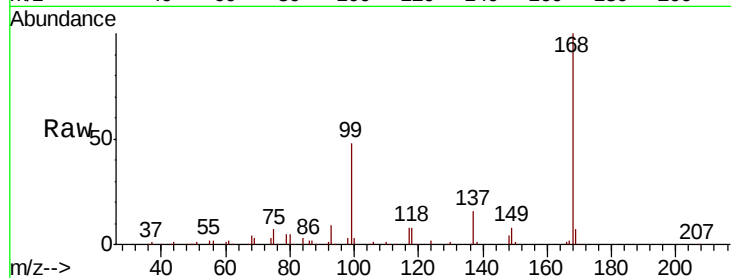




#36
 1,1-Dichloropropene
 Concen: 4.510 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006540.D
 Acq: 31 Oct 2018 21:20

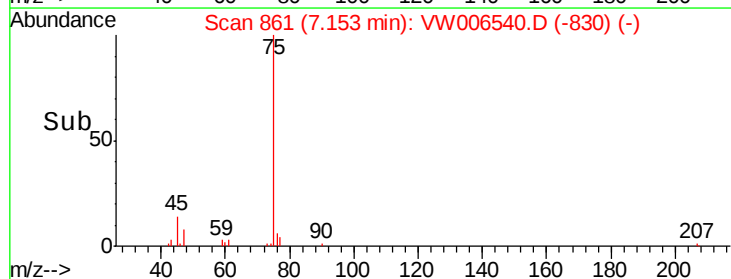
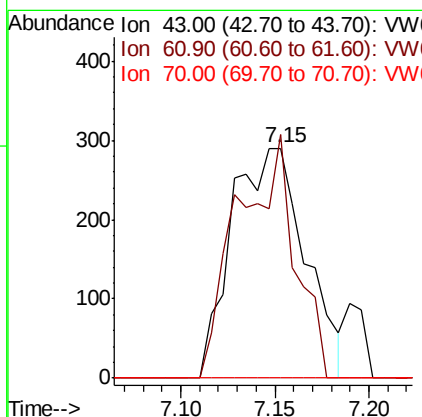
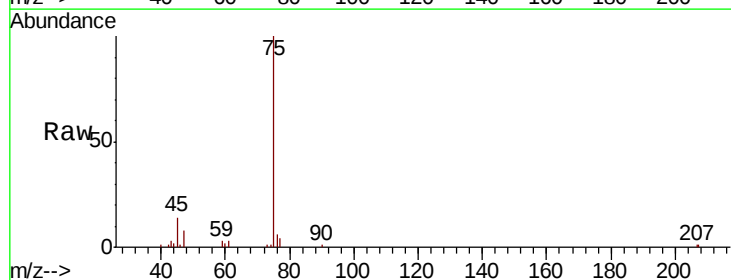
Instrument :
 MSVOA_W
 ClientSampled :

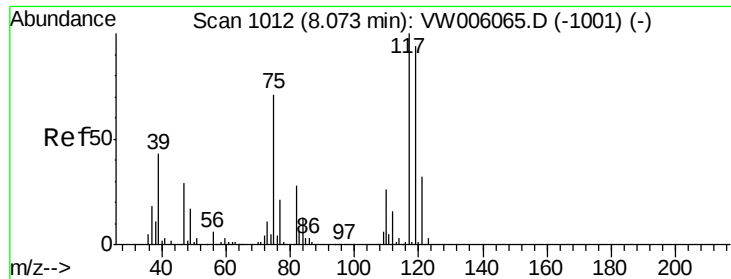
Tot Ion: 75 Resp: 6948
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.1 57.1#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 1.377 ug/l
 RT: 7.15 min Scan# 861
 Delta R.T. -0.11 min
 Lab File: VW006540.D
 Acq: 31 Oct 2018 21:20

Tgt Ion: 43 Resp: 788
 Ion Ratio Lower Upper
 43 100
 61 81.7 11.5 17.3#
 70 0.0 9.2 13.8#

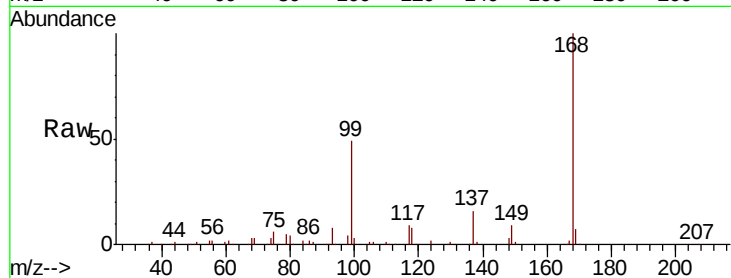




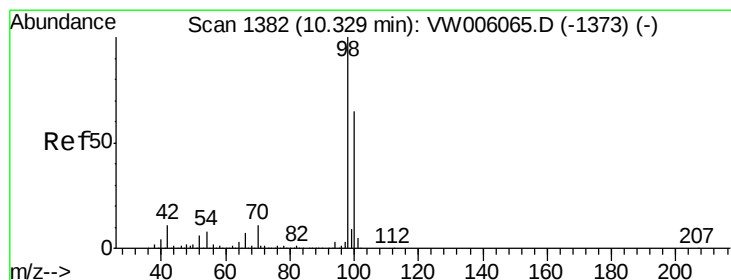
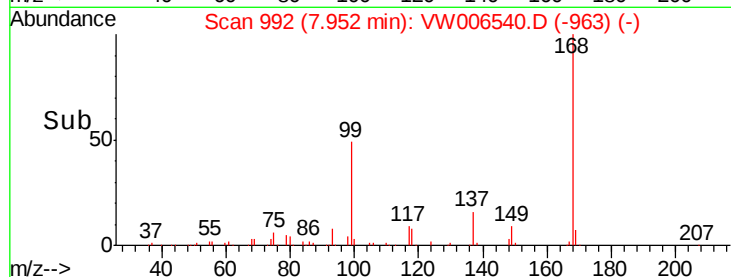
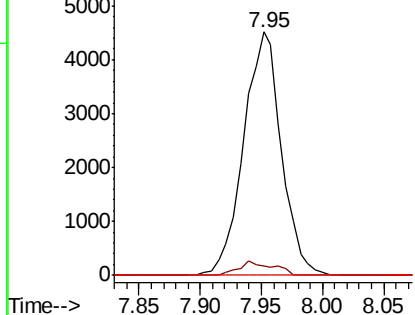
#38
Carbon Tetrachloride
Concen: 5.729 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006540.D
Acq: 31 Oct 2018 21:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 9675
Ion Ratio Lower Upper
117 100
119 4.0 75.2 112.8#
121 0.0 25.3 37.9#

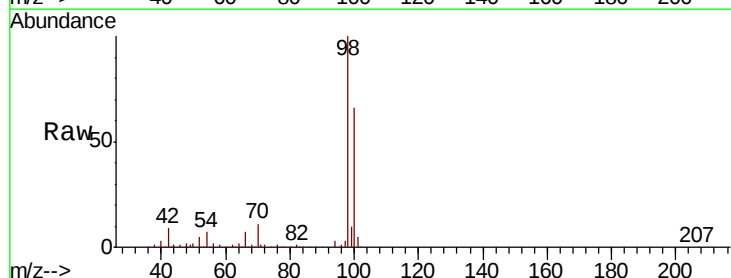


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

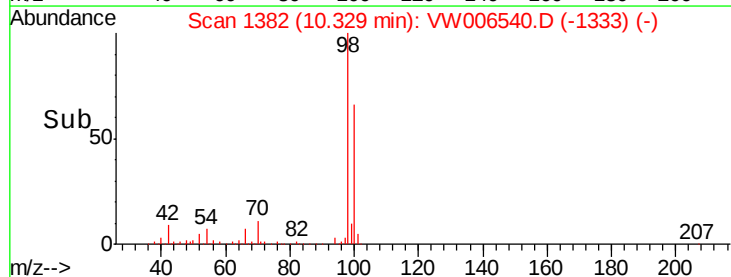
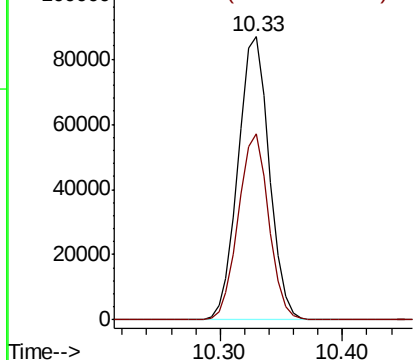


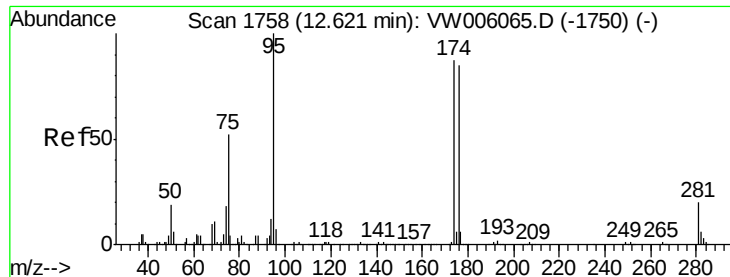
#50
Toluene-d8
Concen: 40.892 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006540.D
Acq: 31 Oct 2018 21:20

Tgt Ion: 98 Resp: 153650
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



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

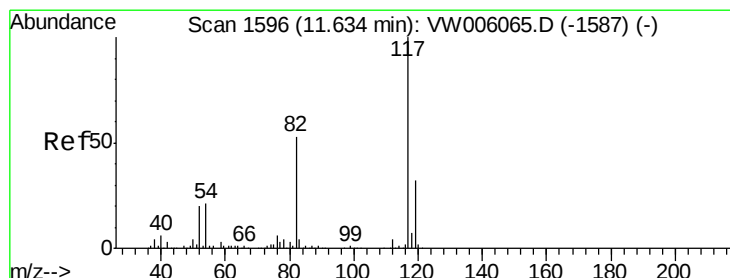
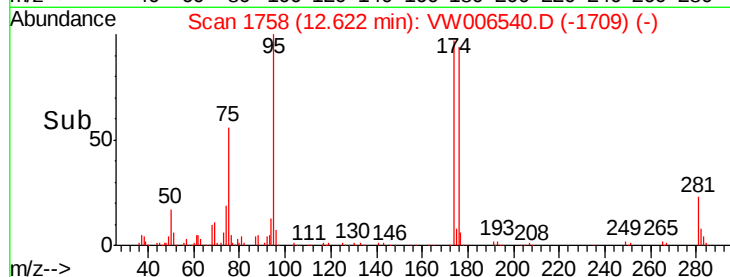
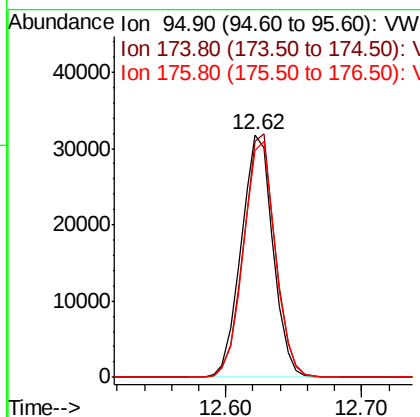
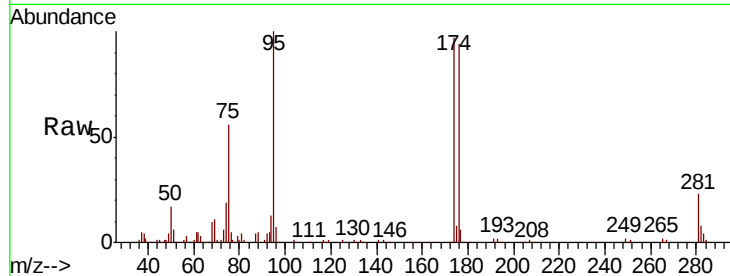




#62
4-Bromofluorobenzene
Concen: 36.780 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006540.D
Acq: 31 Oct 2018 21:20

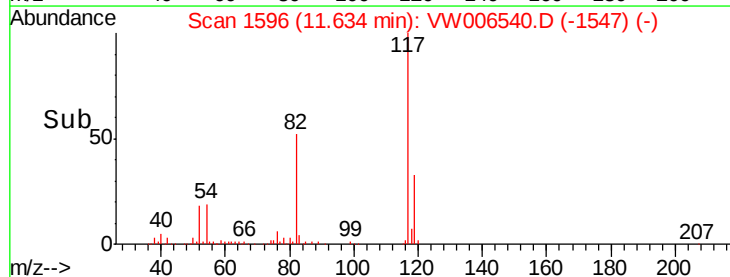
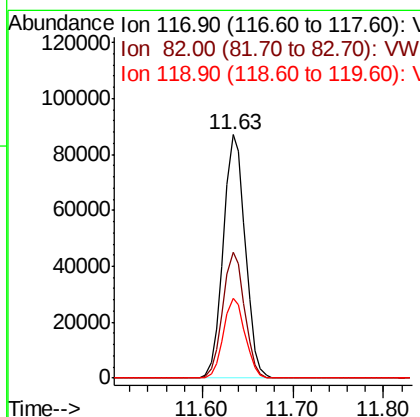
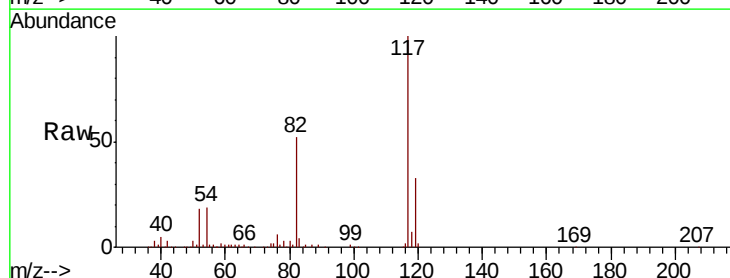
Instrument :
MSVOA_W
ClientSampleId :

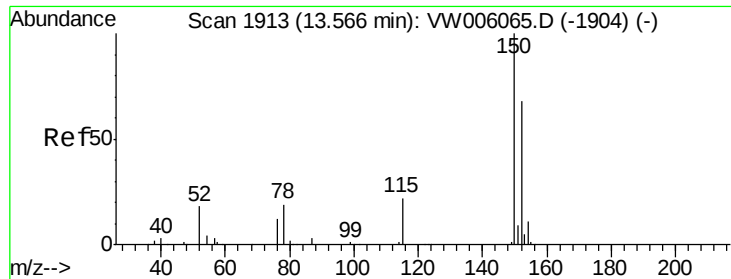
Tot Ion	95	Resp	51907
Ion Ratio	100		
Lower		0.0	186.0
Upper		0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006540.D
Acq: 31 Oct 2018 21:20

Tgt Ion	117	Resp	146832
Ion Ratio	100		
Lower		42.1	63.1
Upper		25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006540.D

Acq: 31 Oct 2018 21:20

Instrument :

MSVOA_W

ClientSampled :

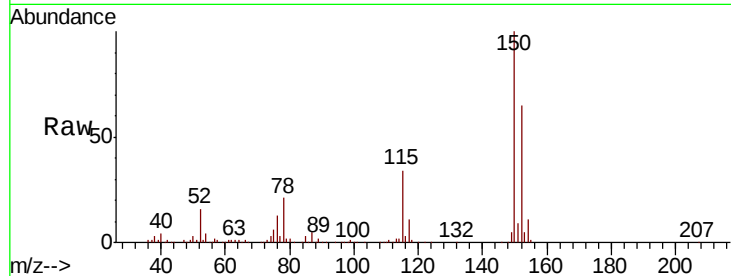
Tot Ion:152 Resp: 75233

Ion Ratio Lower Upper

152 100

115 53.6 27.8 83.3

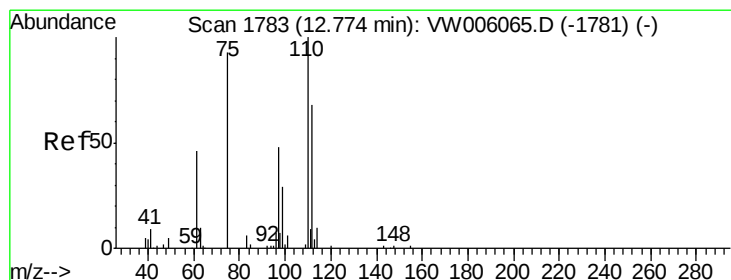
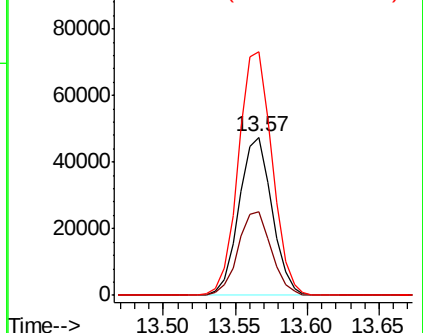
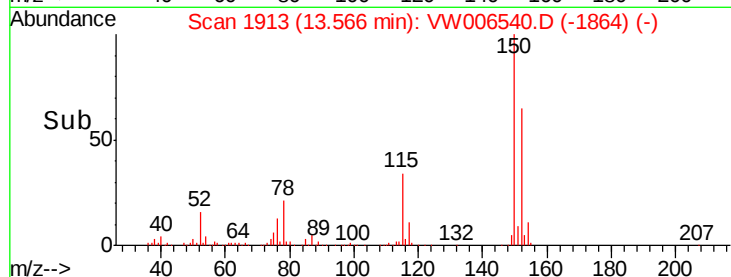
150 157.9 0.0 349.2



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: 47.159 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006540.D

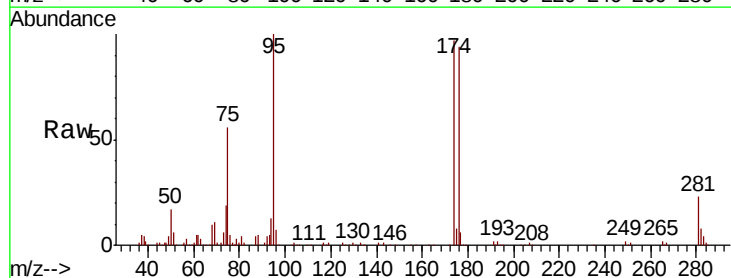
Acq: 31 Oct 2018 21:20

Tgt Ion: 75 Resp: 27099

Ion Ratio Lower Upper

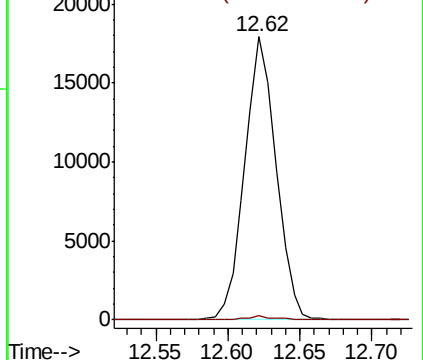
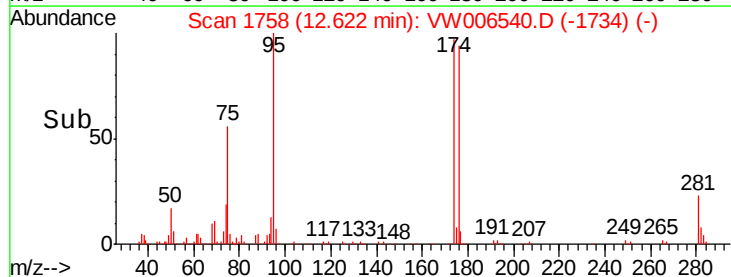
75 100

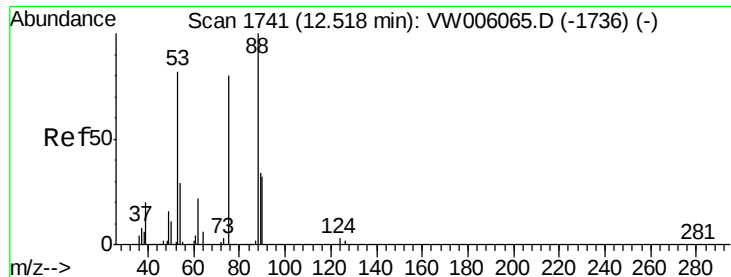
77 1.2 0.0 0.0#



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: 112.728 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006540.D

Acq: 31 Oct 2018 21:20

Instrument :

MSVOA_W

ClientSampleId :

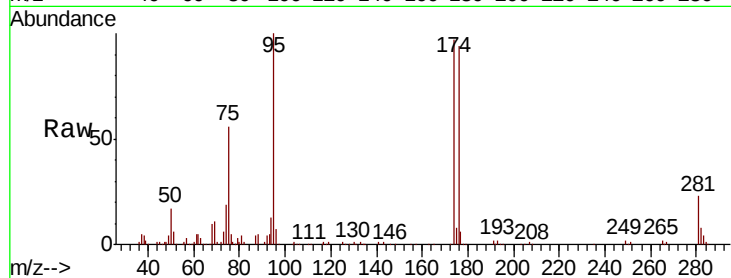
Tot Ion: 75 Resp: 27099

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

