

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007272.D
 Acq On : 06 Dec 2018 10:53
 Operator : SY/AP
 Sample : J6214-05
 Misc : 2.76G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:41:11 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	70773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	105140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	72944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	33359	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.89	113	32652	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	10.33	98	98599	37.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.36%	
62) 4-Bromofluorobenzene	12.62	95	20455	20.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.88%	

Target Compounds

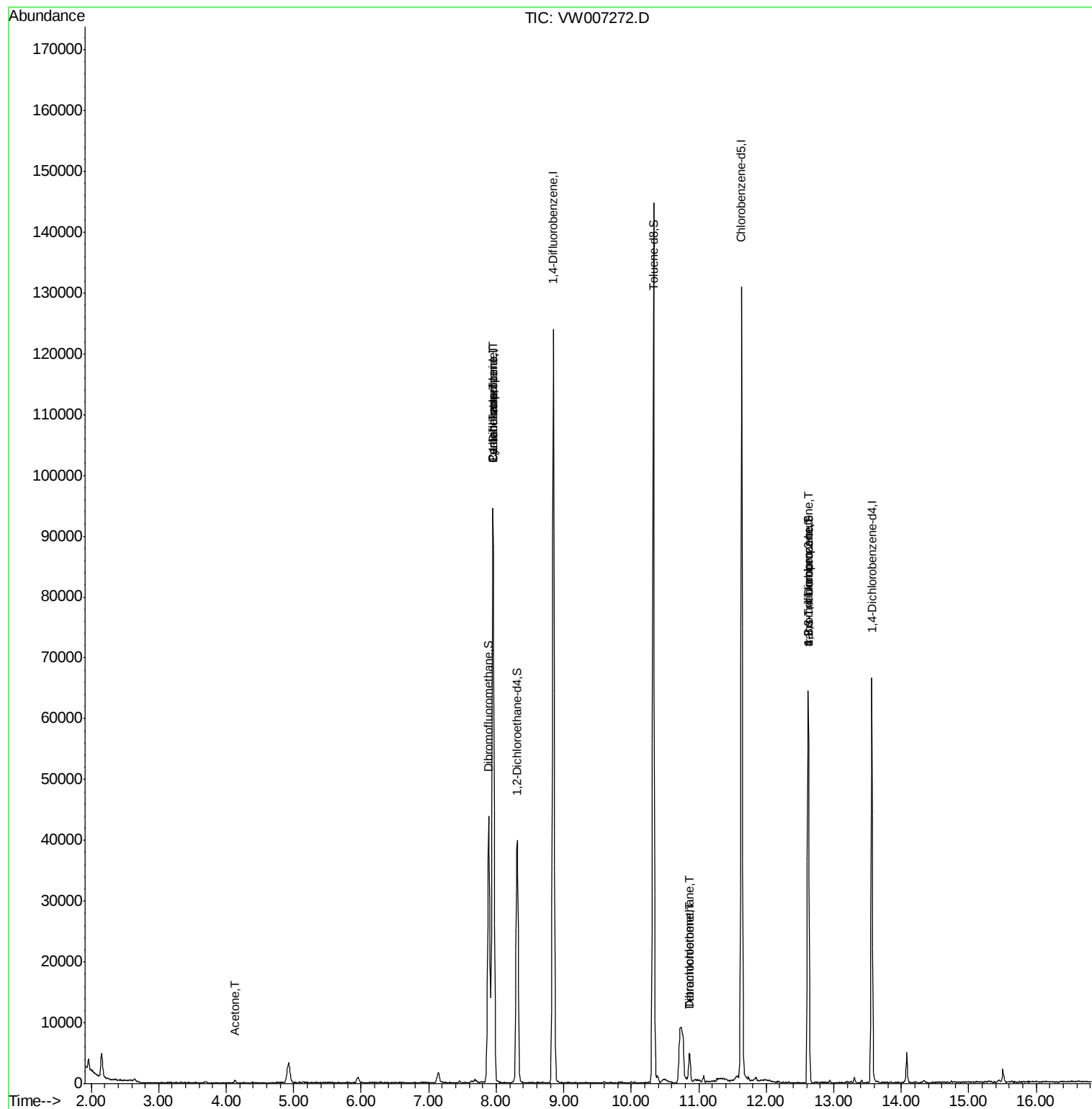
					Qvalue	
11) Tert butyl alcohol	5.18	59	59	Below Cal	#	75
16) Acetone	4.12	43	643	4.122	ug/l #	76
20) Methylene Chloride	4.92	84	2562	Below Cal	#	89
31) Cyclohexane	7.95	56	1364	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5482	5.359	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7167	6.864	ug/l #	18
60) Dibromochloromethane	10.87	129	1018	1.717	ug/l #	10
64) Tetrachloroethene	10.87	164	1050	1.970	ug/l #	93
76) 1,2,3-Trichloropropane	12.62	75	10318	73.756	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	10318	158.970	ug/l #	13

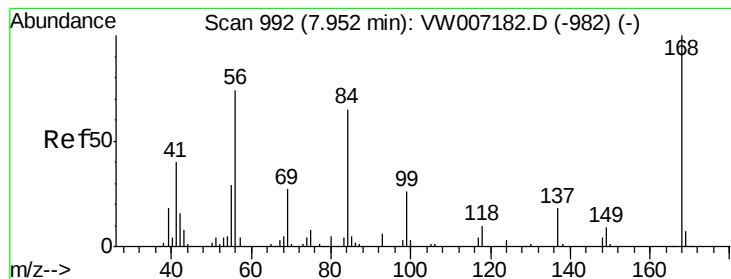
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007272.D

Acq: 06 Dec 2018 10:53

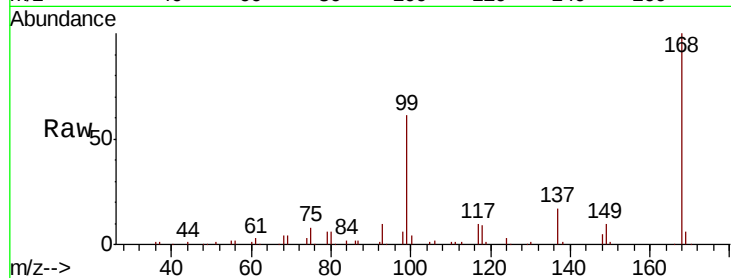
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 70773

Ion Ratio Lower Upper

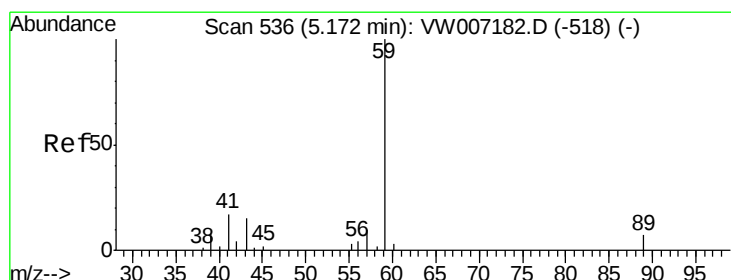
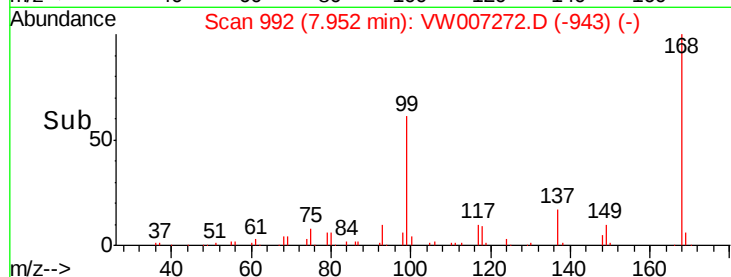
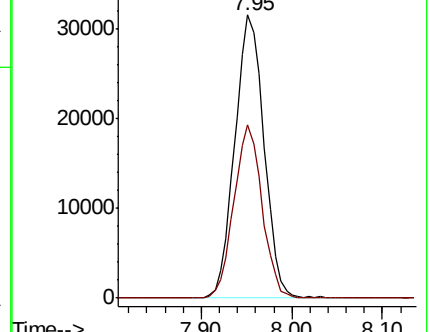
168 100

99 61.3 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: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007272.D

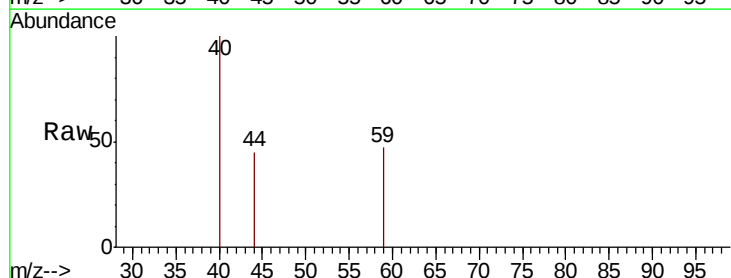
Acq: 06 Dec 2018 10:53

Tgt Ion: 59 Resp: 59

Ion Ratio Lower Upper

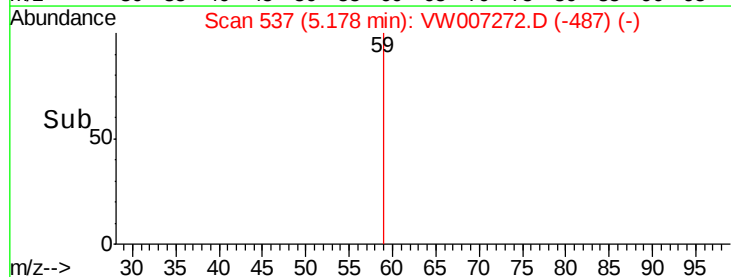
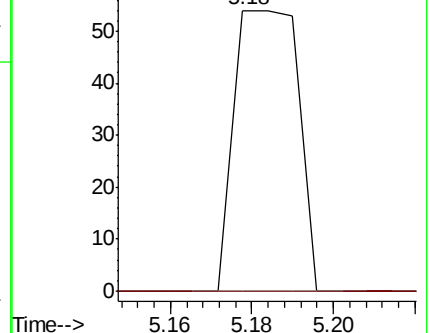
59 100

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: 4.122 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007272.D

Acq: 06 Dec 2018 10:53

Instrument :

MSVOA_W

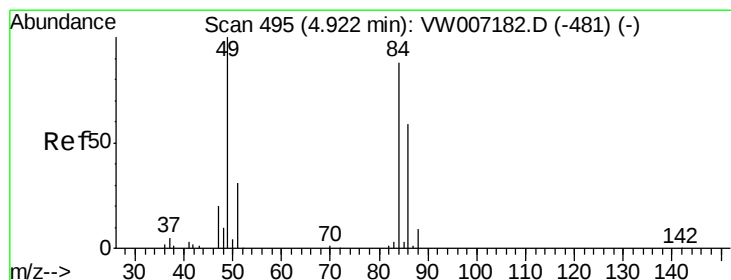
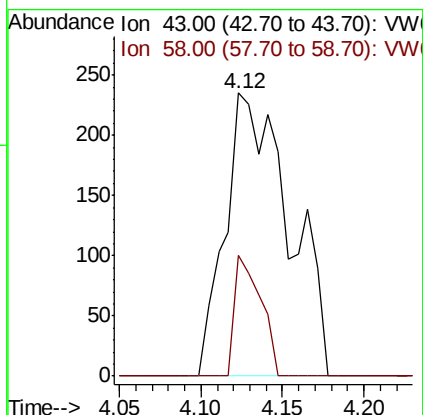
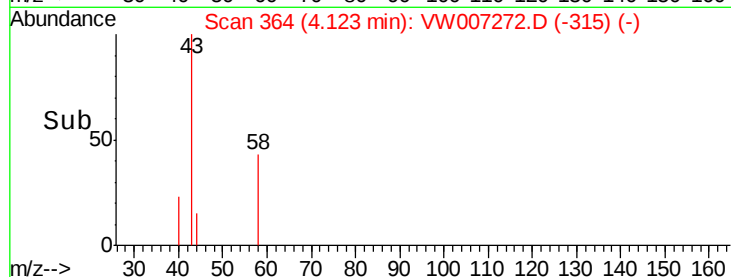
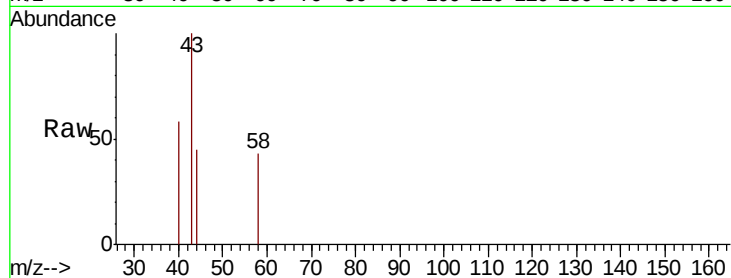
ClientSampleId :

Tot Ion: 43 Resp: 643

Ion Ratio Lower Upper

43 100

58 42.6 23.8 35.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007272.D

Acq: 06 Dec 2018 10:53

Tgt Ion: 84 Resp: 2562

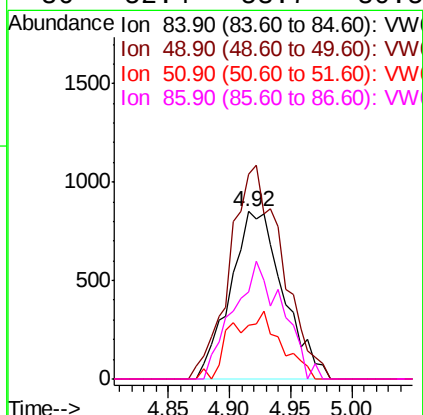
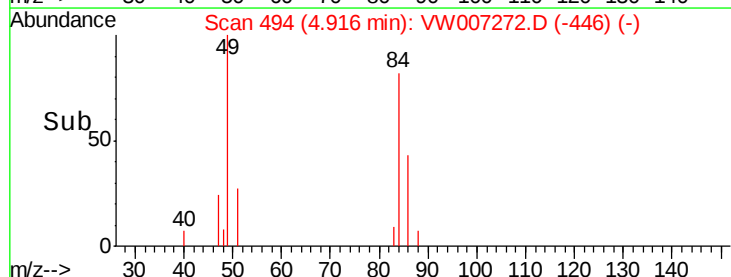
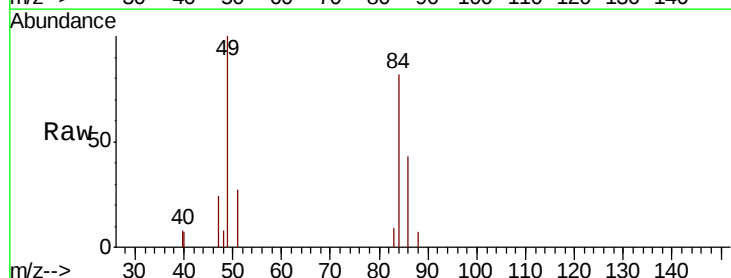
Ion Ratio Lower Upper

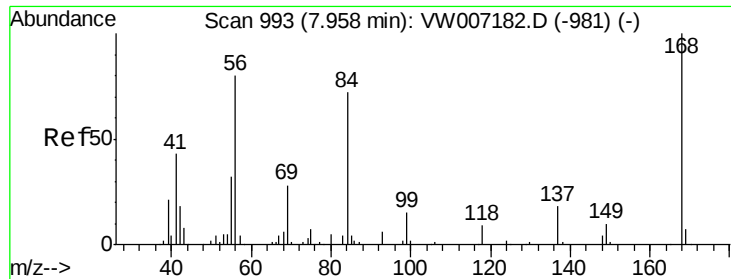
84 100

49 122.5 90.6 135.8

51 32.5 27.6 41.4

86 52.4 53.7 80.5#

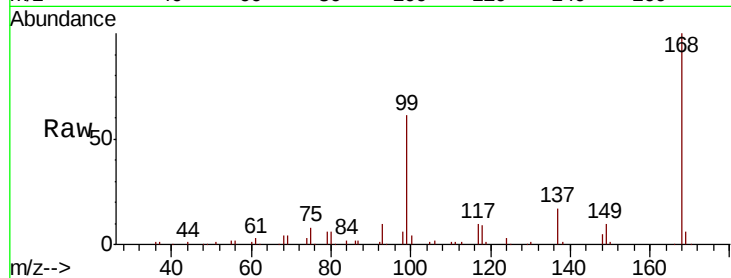




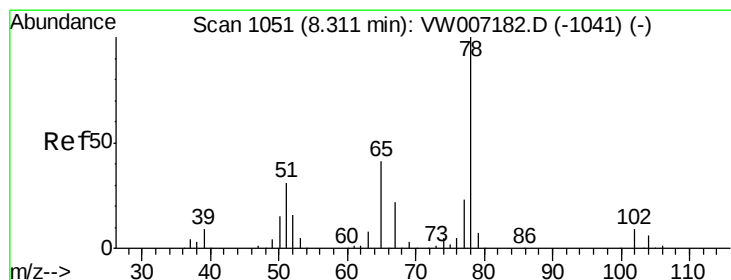
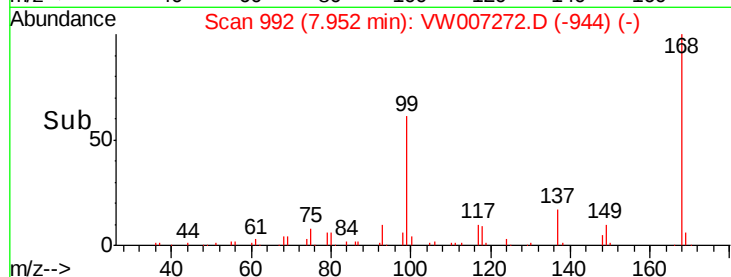
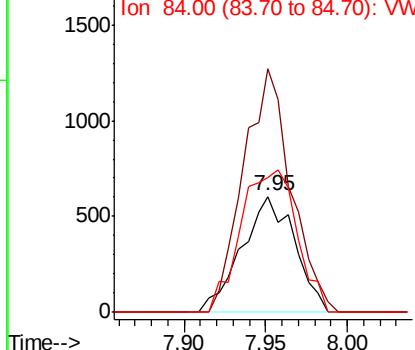
#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007272.D
Acq: 06 Dec 2018 10:53

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 1364
Ion Ratio Lower Upper
56 100
69 210.3 28.2 42.2#
84 116.2 72.1 108.1#

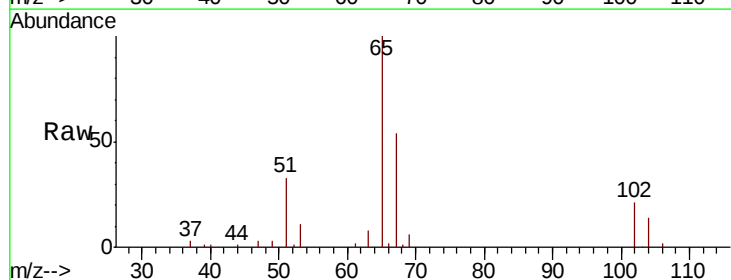


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

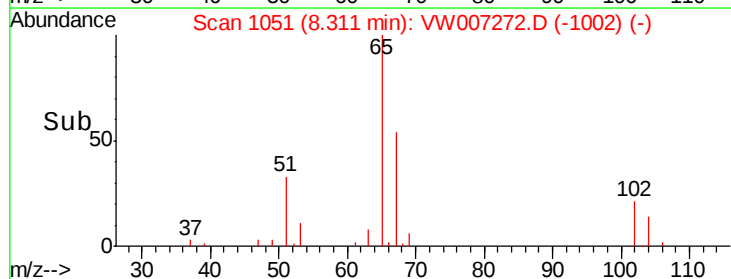
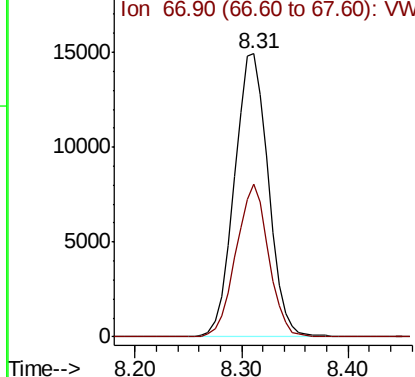


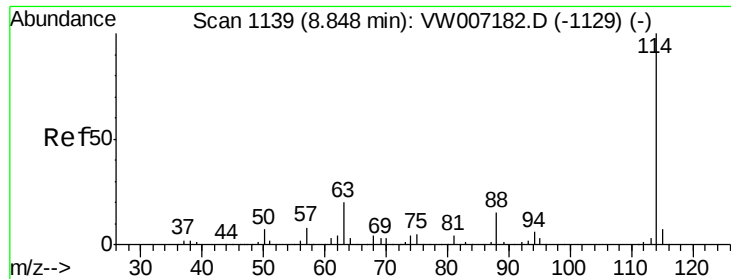
#33
1,2-Dichloroethane-d4
Concen: 50.626 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW007272.D
Acq: 06 Dec 2018 10:53

Tgt Ion: 65 Resp: 33359
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4



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

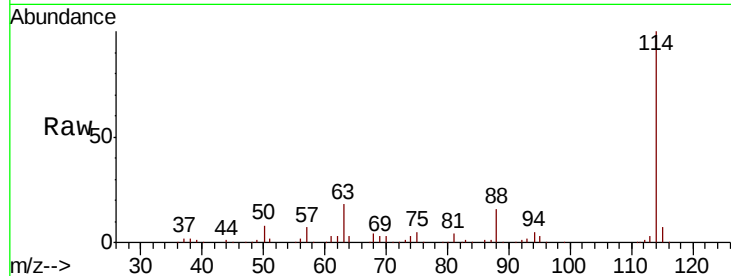




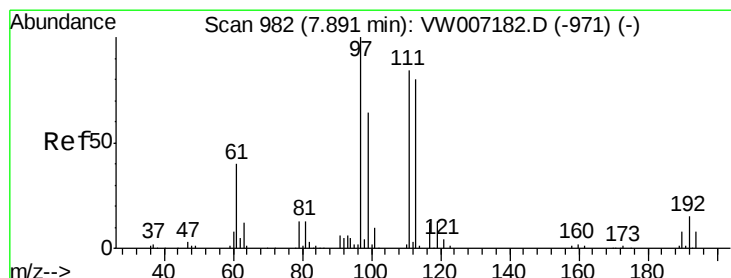
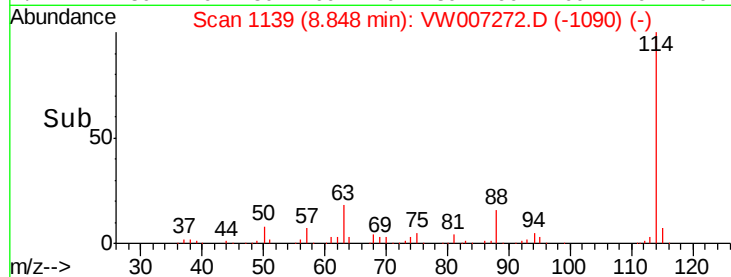
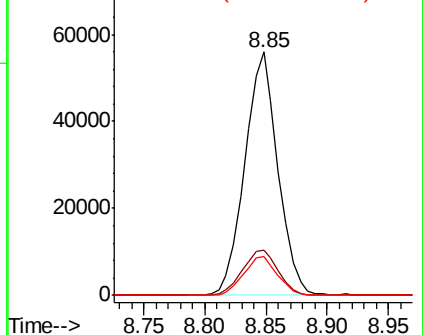
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007272.D
 Acq: 06 Dec 2018 10:53

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	40.2
88	15.8	0.0	30.0

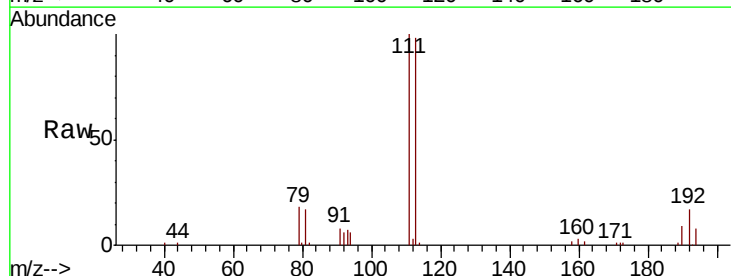


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

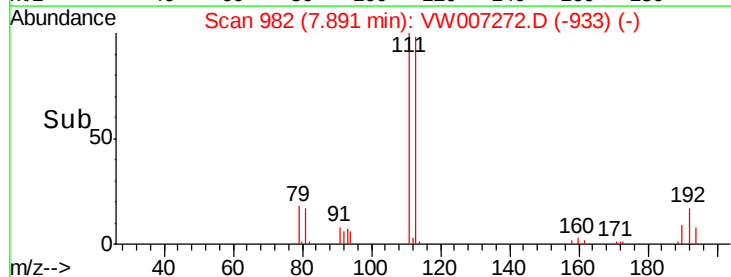
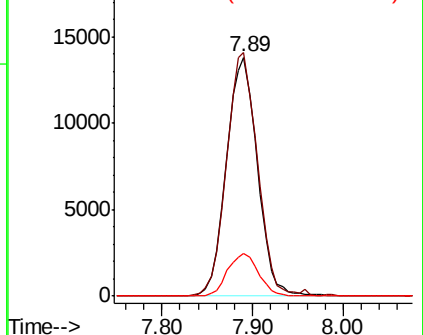


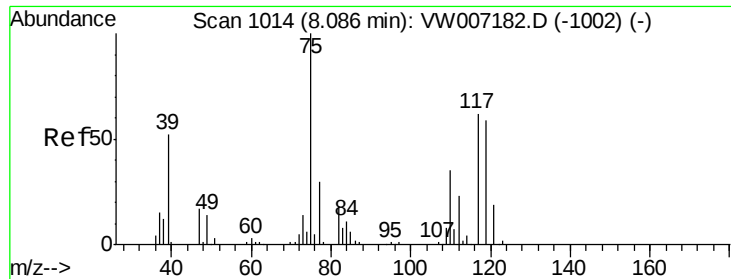
#35
 Dibromofluoromethane
 Concen: 54.237 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007272.D
 Acq: 06 Dec 2018 10:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	17.7	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

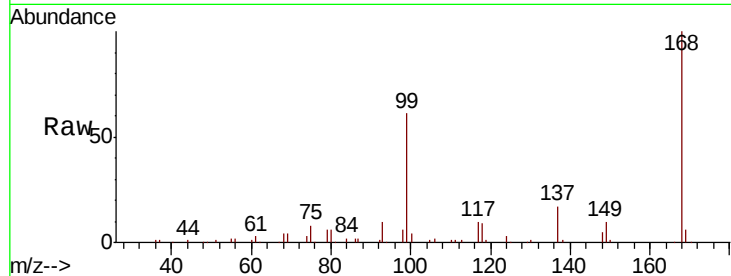




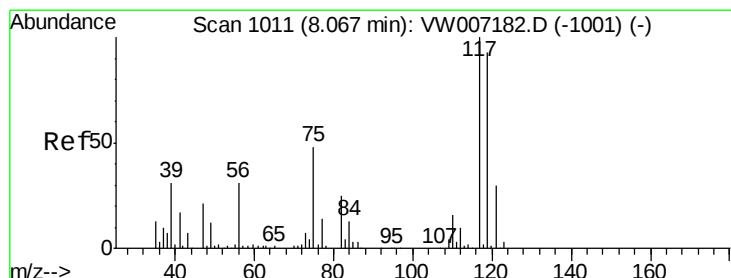
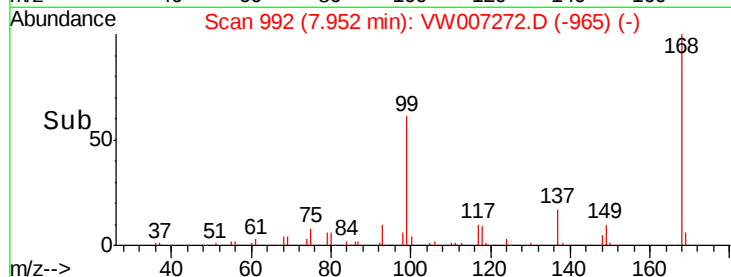
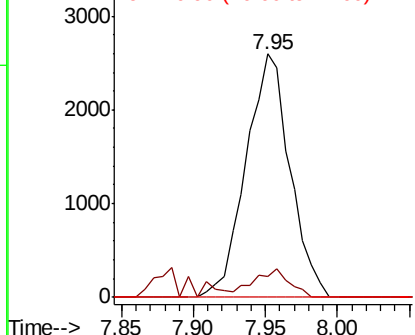
#36
 1,1-Dichloropropene
 Concen: 5.359 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007272.D
 Acq: 06 Dec 2018 10:53

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.3	54.9#
77	0.0	24.9	37.3#

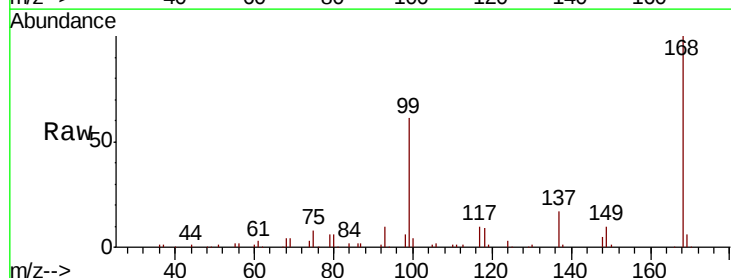


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

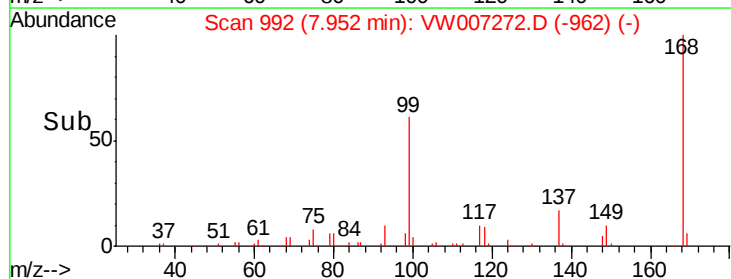
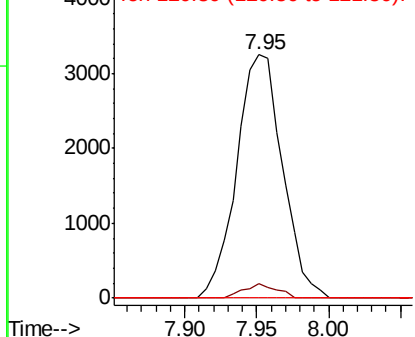


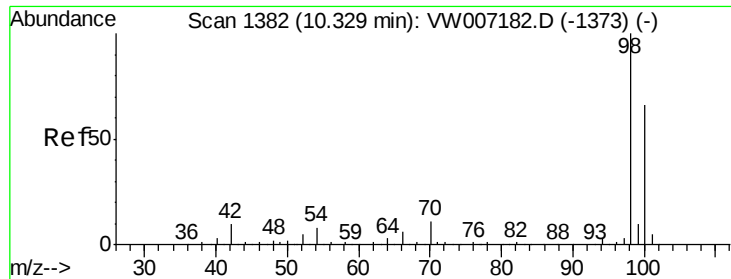
#38
 Carbon Tetrachloride
 Concen: 6.864 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007272.D
 Acq: 06 Dec 2018 10:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	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

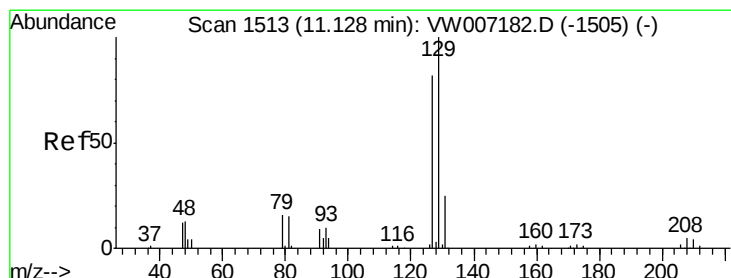
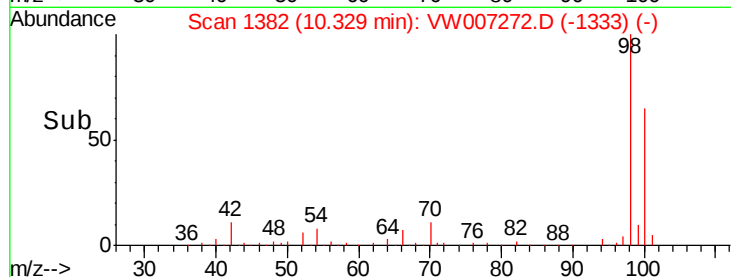
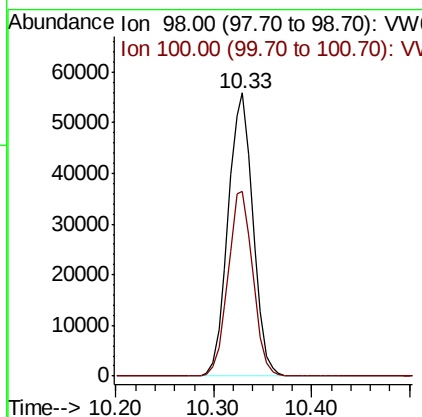
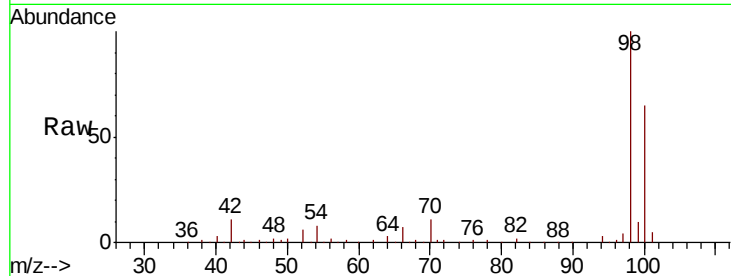




#50
Toluene-d8
Concen: 37.180 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007272.D
Acq: 06 Dec 2018 10:53

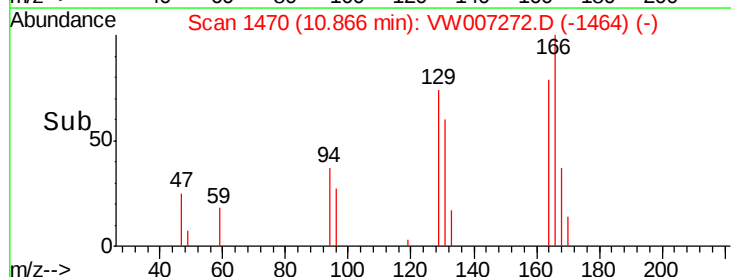
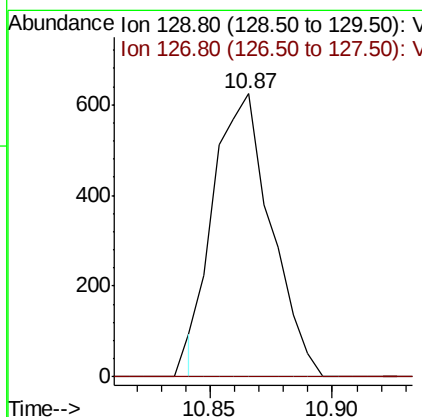
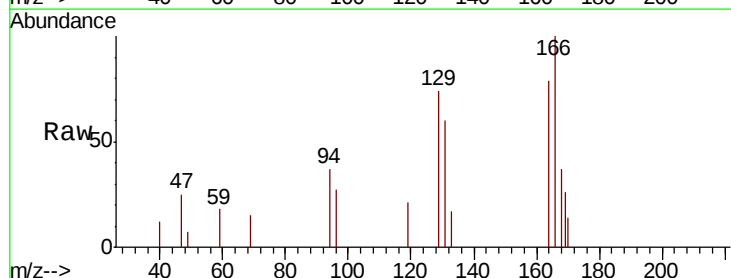
Instrument :
MSVOA_W
ClientSampled :

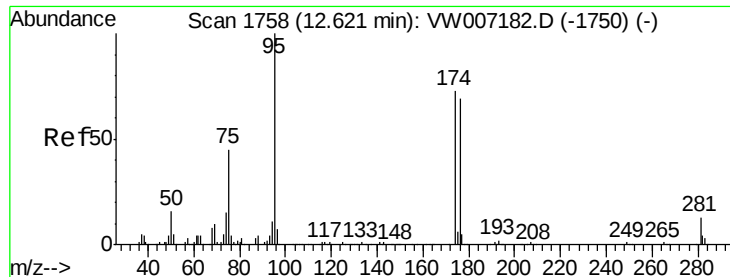
Tot Ion: 98 Resp: 98599
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#60
Dibromochloromethane
Concen: 1.717 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW007272.D
Acq: 06 Dec 2018 10:53

Tgt Ion: 129 Resp: 1018
Ion Ratio Lower Upper
129 100
127 0.0 39.8 119.4#

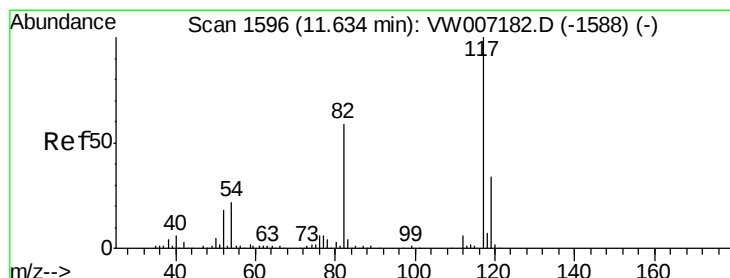
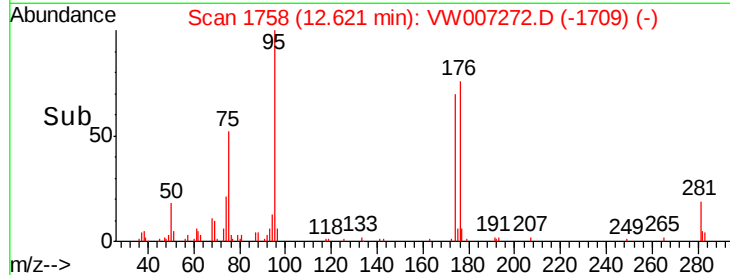
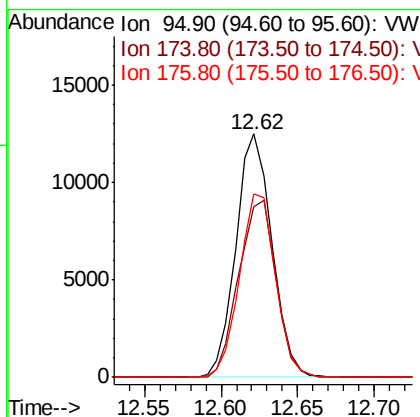
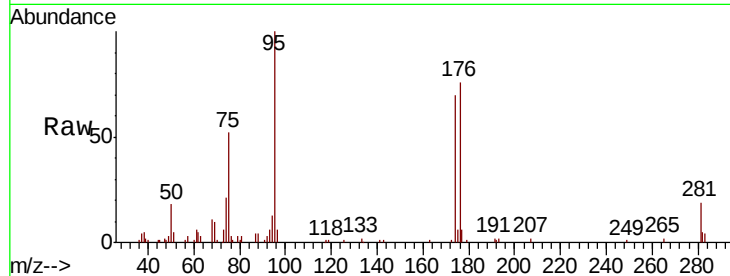




#62
4-Bromofluorobenzene
Concen: 20.435 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007272.D
Acq: 06 Dec 2018 10:53

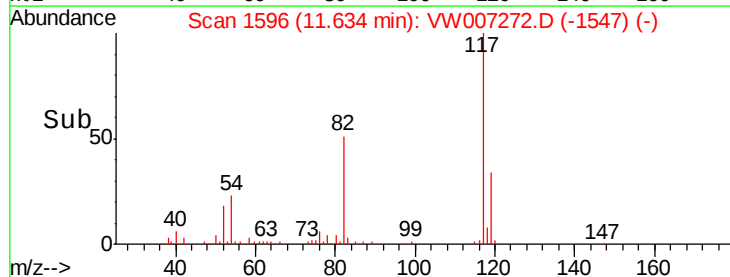
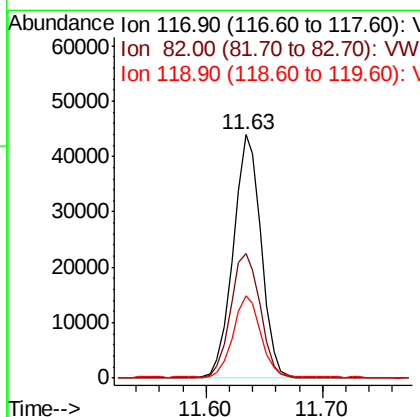
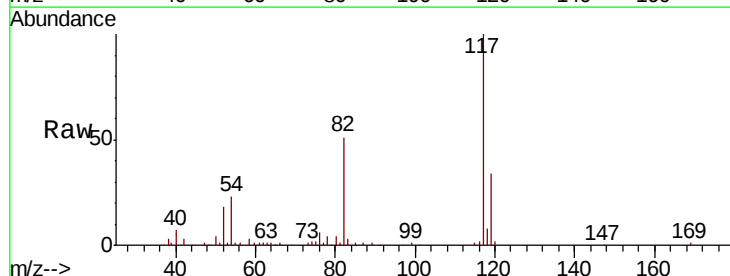
Instrument :
MSVOA_W
ClientSampleId :

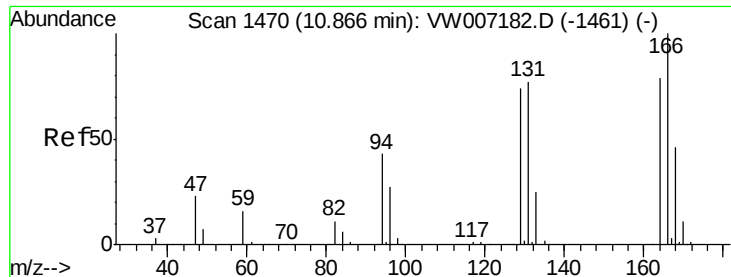
Tot Ion	95	Resp	20455
Ion Ratio	Lower	Upper	
95	100		
174	75.1	0.0	148.0
176	75.3	0.0	139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007272.D
Acq: 06 Dec 2018 10:53

Tgt Ion	117	Resp	72944
Ion Ratio	Lower	Upper	
117	100		
82	51.4	47.4	71.2
119	33.4	26.8	40.2

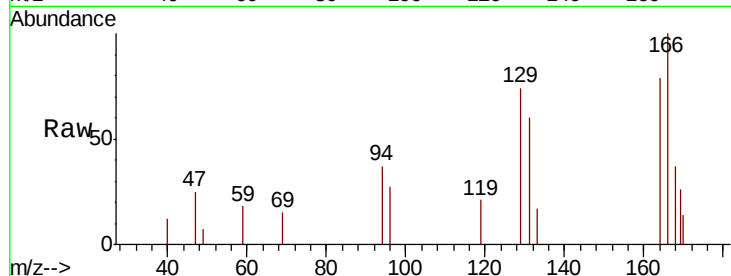




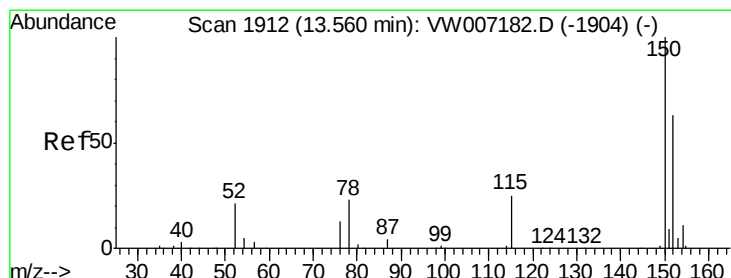
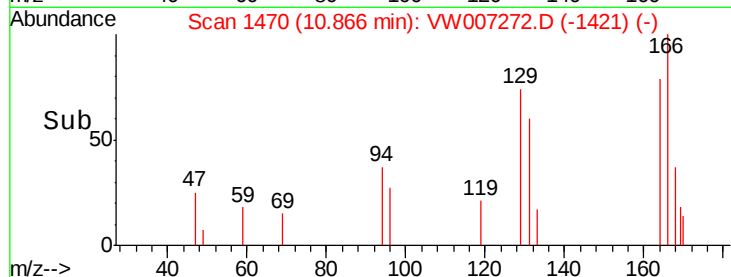
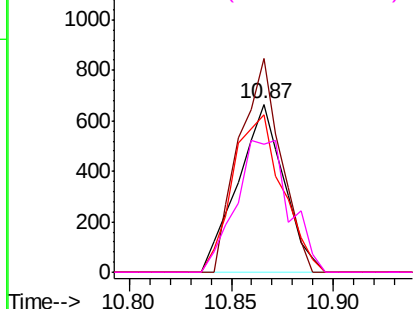
#64
Tetrachloroethene
Concen: 1.970 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007272.D
Acq: 06 Dec 2018 10:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 1050
Ion Ratio Lower Upper
164 100
166 127.0 101.0 151.4
129 93.7 74.6 111.8
131 76.3 77.6 116.4#

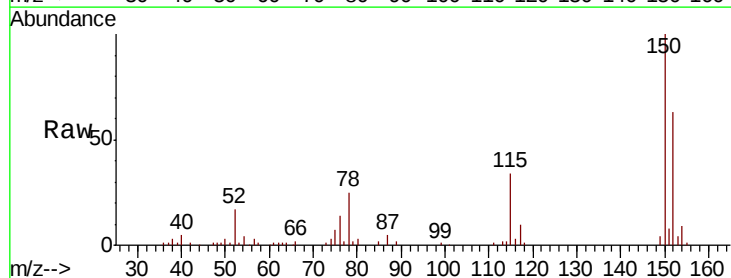


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

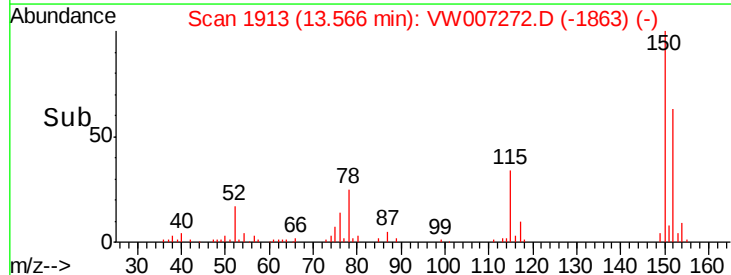
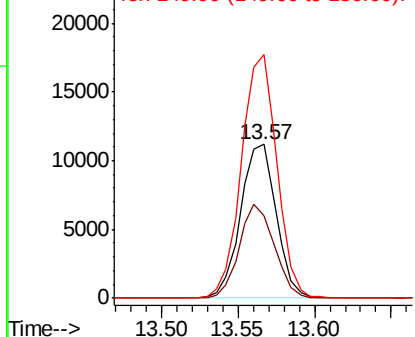


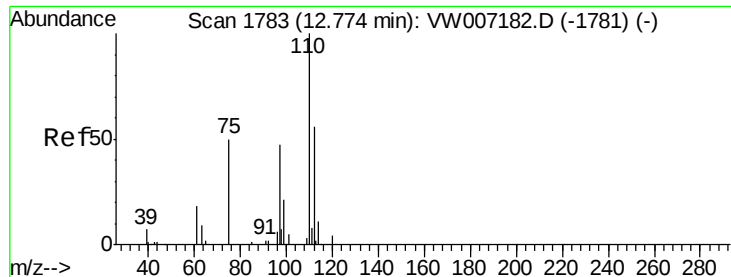
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007272.D
Acq: 06 Dec 2018 10:53

Tgt Ion:152 Resp: 18067
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 158.0 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: 73.756 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007272.D

Acq: 06 Dec 2018 10:53

Instrument :

MSVOA_W

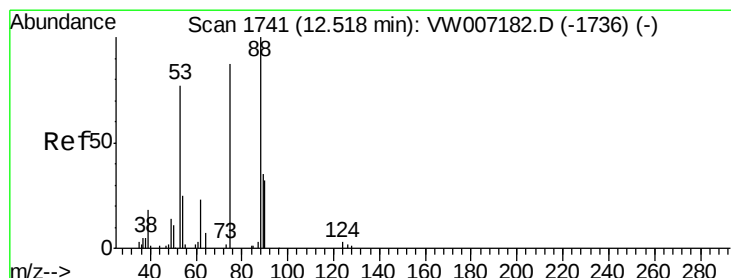
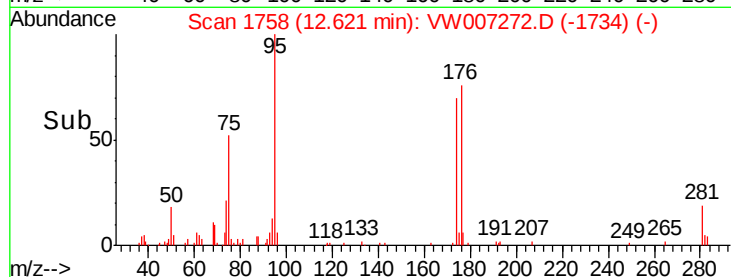
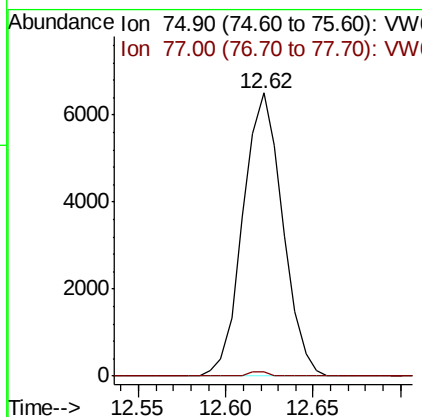
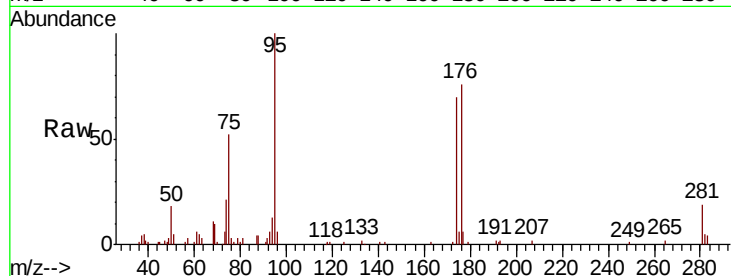
ClientSampleId :

Tot Ion: 75 Resp: 10318

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 158.970 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007272.D

Acq: 06 Dec 2018 10:53

Tgt Ion: 75 Resp: 10318

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

