

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003886.D
 Acq On : 12 Jul 2018 01:18
 Operator : SY/AP
 Sample : J3914-09RE
 Misc : 4.80G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 03:41:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	268345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	51878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114690	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	7.88	113	100508	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
50) Toluene-d8	10.33	98	308745	42.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.96%	
62) 4-Bromofluorobenzene	12.62	95	63917	24.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.18%	

Target Compounds

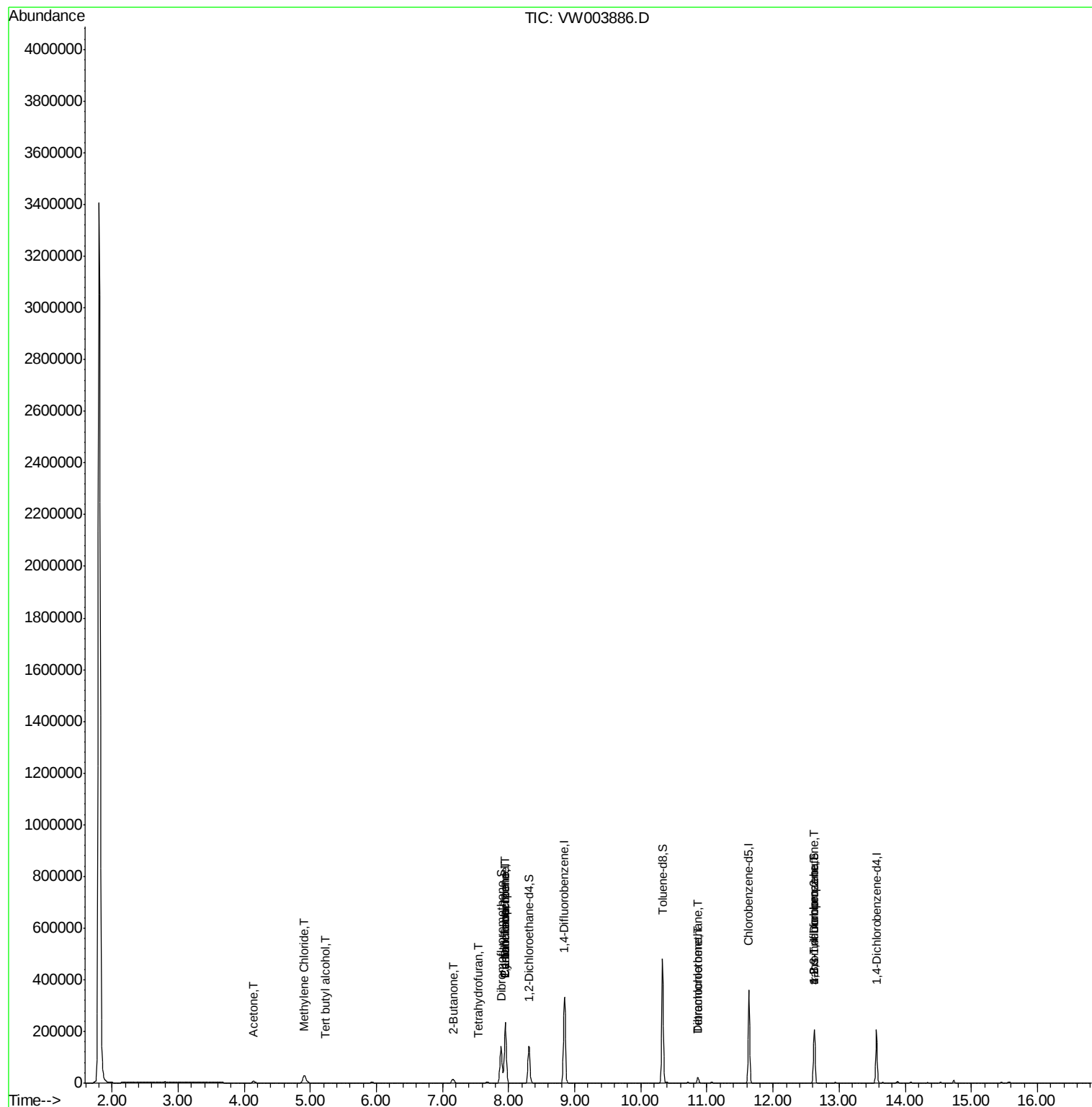
						Qvalue
11) Tert butyl alcohol	5.21	59	205	1.760	ug/l #	70
16) Acetone	4.14	43	11927	31.987	ug/l	99
20) Methylene Chloride	4.90	84	23461	9.346	ug/l	96
25) 2-Butanone	7.17	43	982	1.681	ug/l #	51
29) Tetrahydrofuran	7.54	42	478	1.273	ug/l #	36
31) Cyclohexane	7.95	56	4497	1.434	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	13857	4.867	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16740	6.184	ug/l #	16
60) Dibromochloromethane	10.87	129	4071	2.256	ug/l #	11
64) Tetrachloroethene	10.87	164	4579	3.310	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	34928	68.562	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34928	167.720	ug/l #	7

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071118\
Data File : VW003886.D
Acq On : 12 Jul 2018 01:18
Operator : SY/AP
Sample : J3914-09RE
Misc : 4.80G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 12 03:41:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

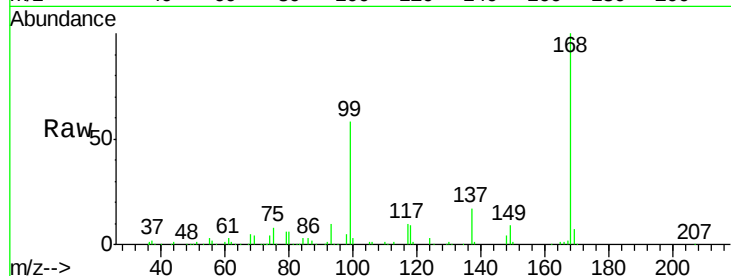
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 164345

Ion Ratio Lower Upper

168 100

99 57.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

20000

0

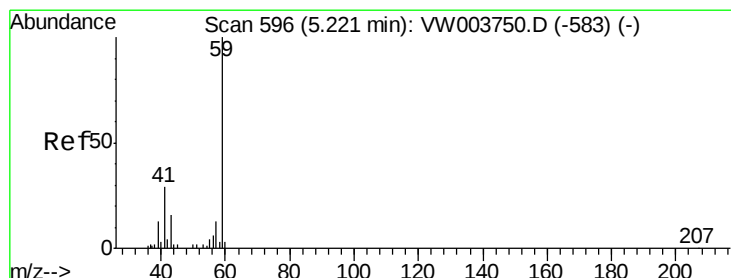
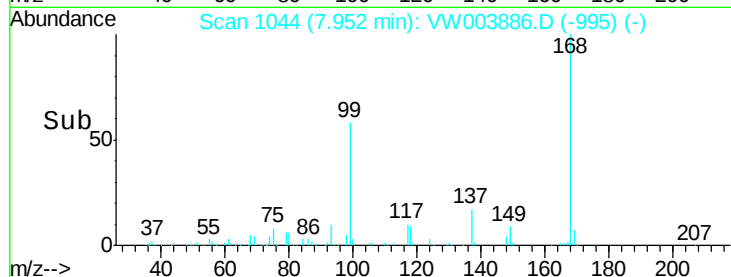
Time-->

7.80

7.90

8.00

8.10



#11

Tert butyl alcohol

Concen: 1.760 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.01 min

Lab File: VW003886.D

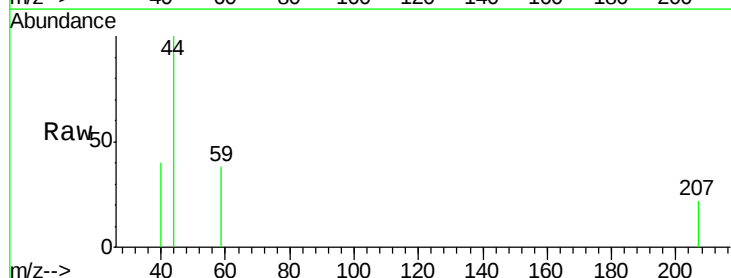
Acq: 12 Jul 2018 01:18

Tgt Ion: 59 Resp: 205

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

100

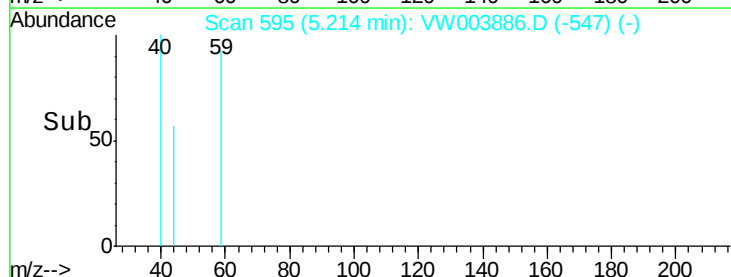
50

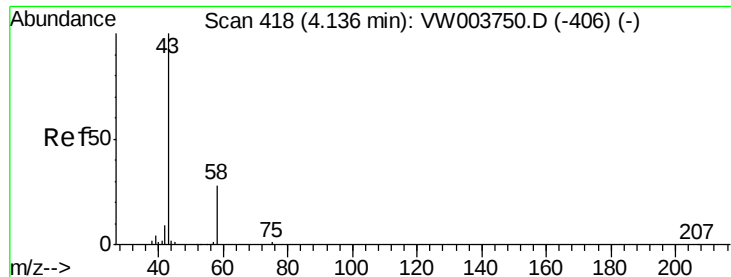
0

Time-->

5.20

5.25





#16

Acetone

Concen: 31.987 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

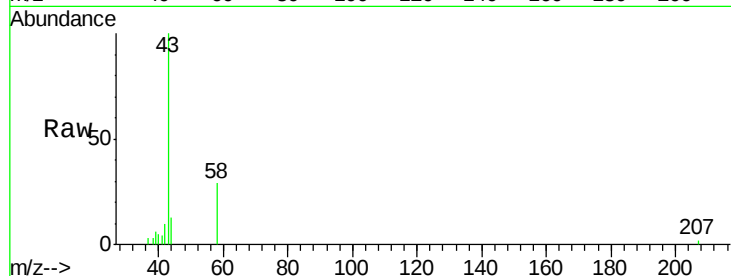
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 11927

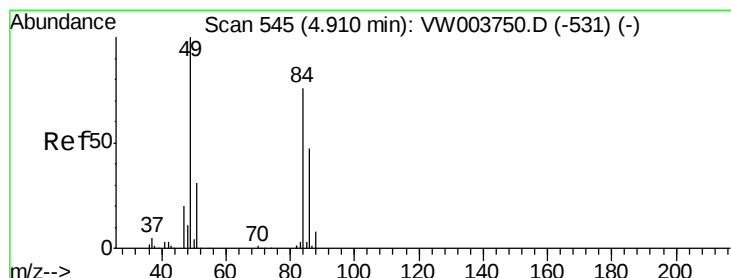
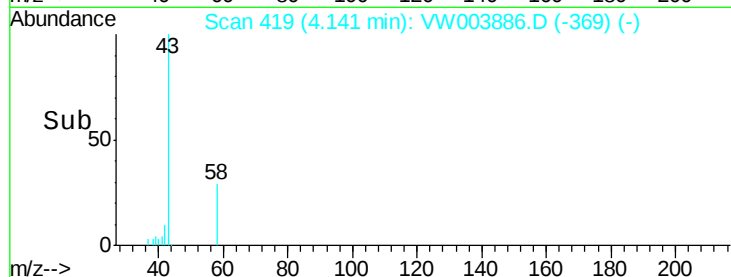
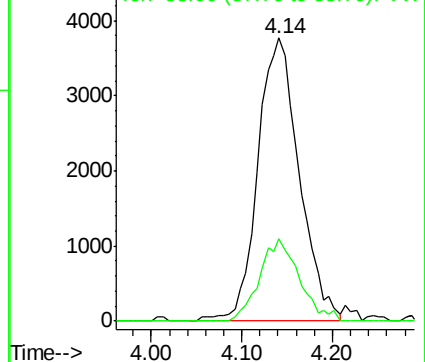
Ion Ratio Lower Upper

43 100

58 29.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 9.346 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

Tgt Ion: 84 Resp: 23461

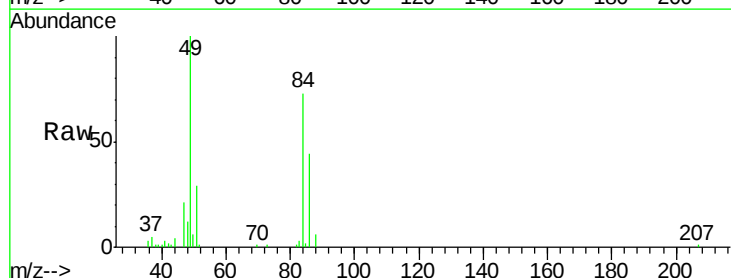
Ion Ratio Lower Upper

84 100

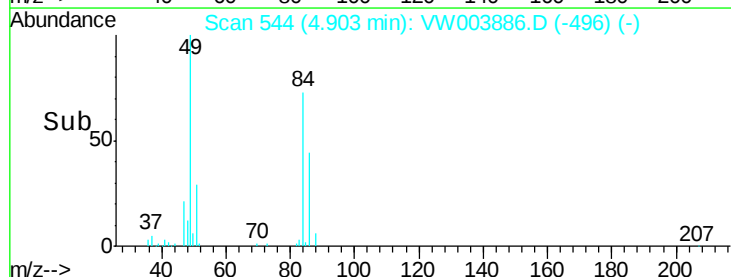
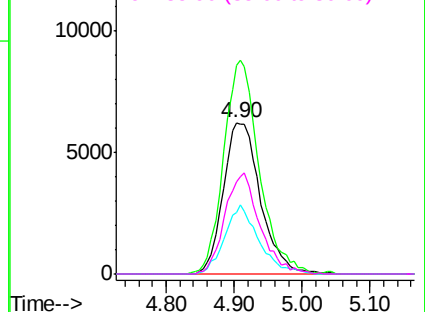
49 137.7 105.1 157.7

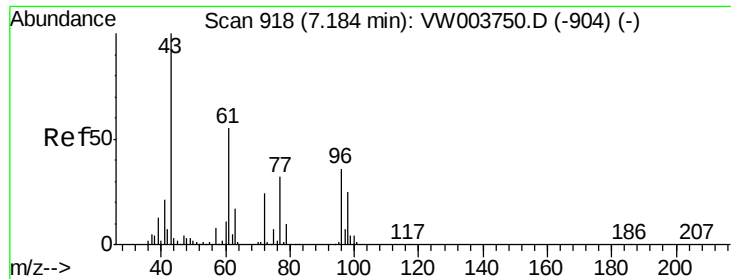
51 40.5 32.5 48.7

86 60.6 49.8 74.6



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





#25

2-Butanone

Concen: 1.681 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.02 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

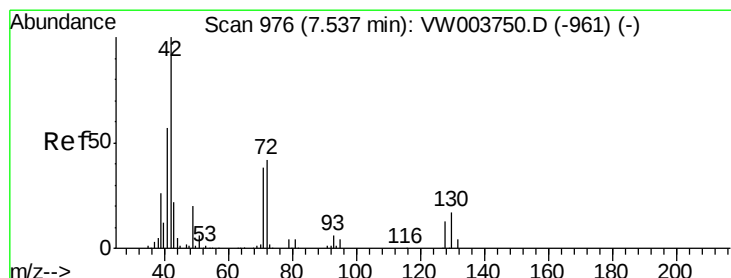
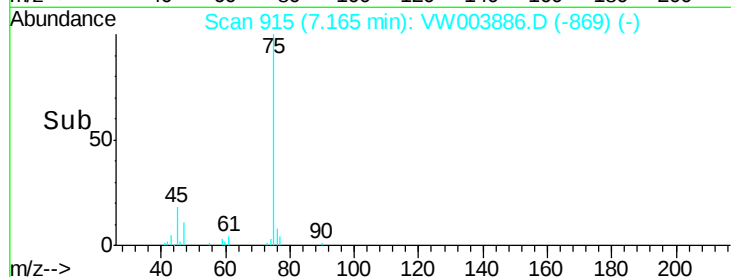
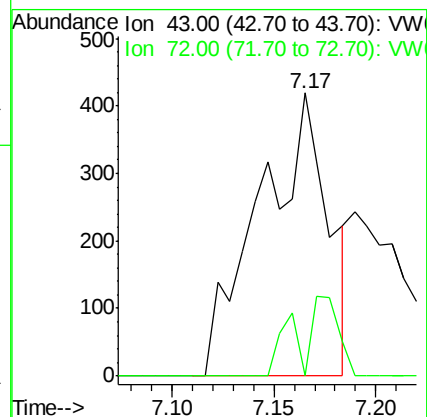
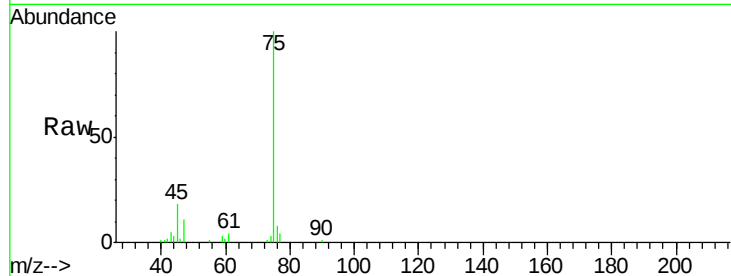
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 982

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#29

Tetrahydrofuran

Concen: 1.273 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

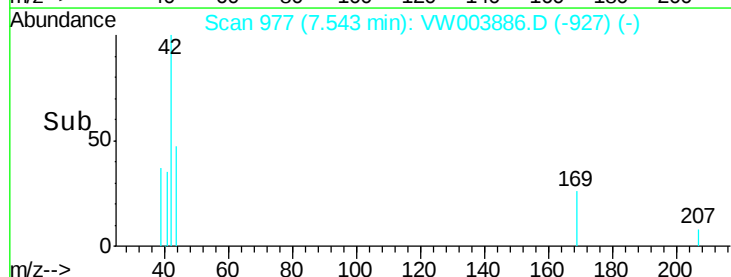
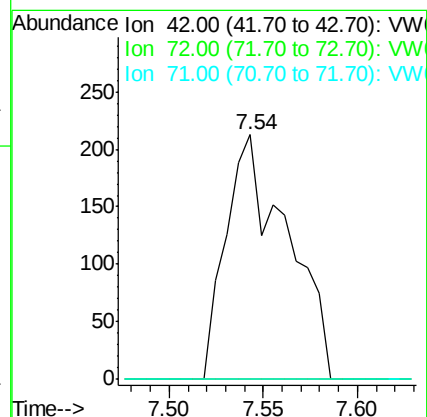
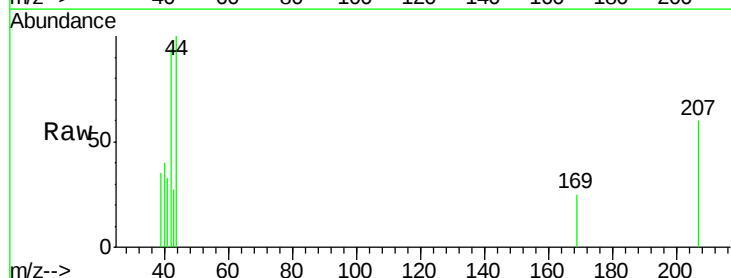
Tgt Ion: 42 Resp: 478

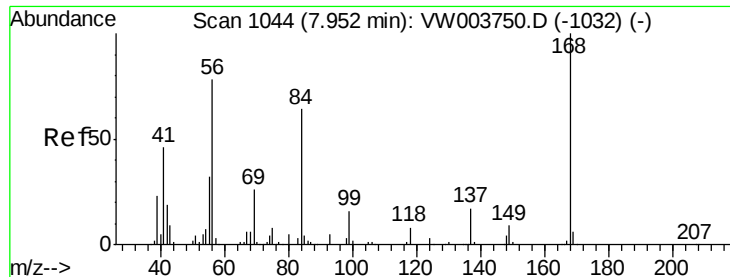
Ion Ratio Lower Upper

42 100

72 0.0 31.8 47.8#

71 0.0 30.3 45.5#

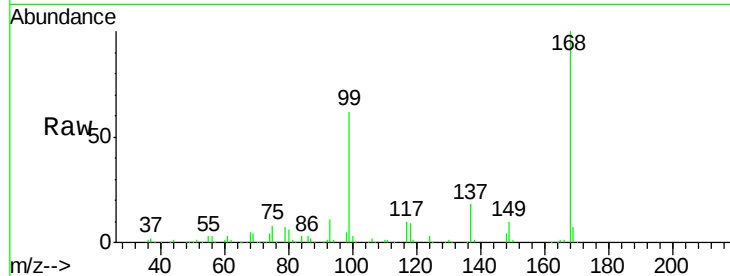




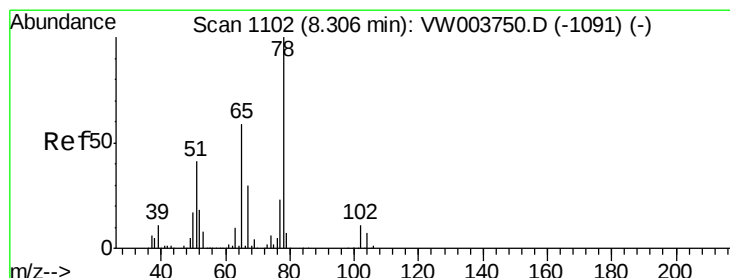
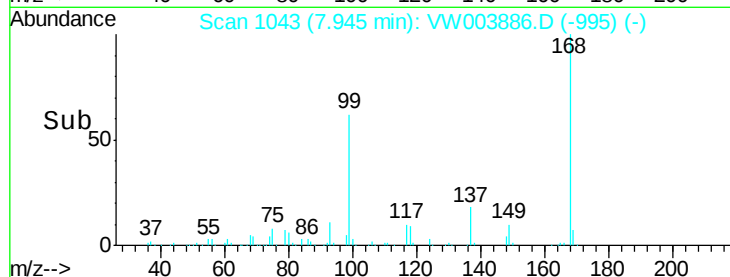
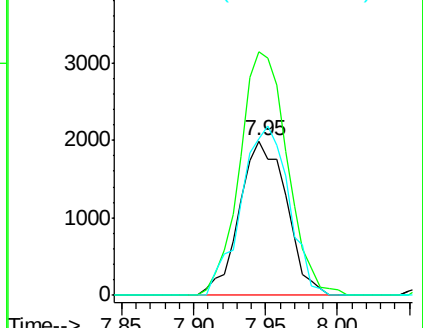
#31
Cyclohexane
Concen: 1.434 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003886.D
Acq: 12 Jul 2018 01:18

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 4497
Ion Ratio Lower Upper
56 100
69 158.0 26.2 39.4#
84 101.4 65.5 98.3#

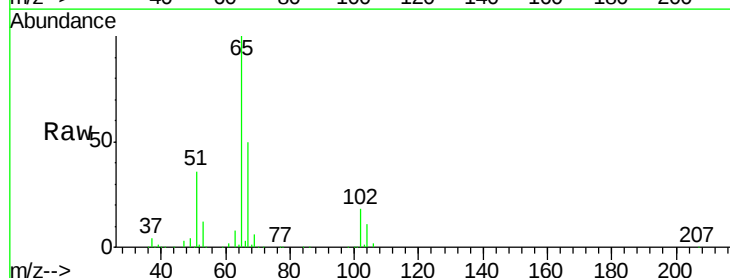


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

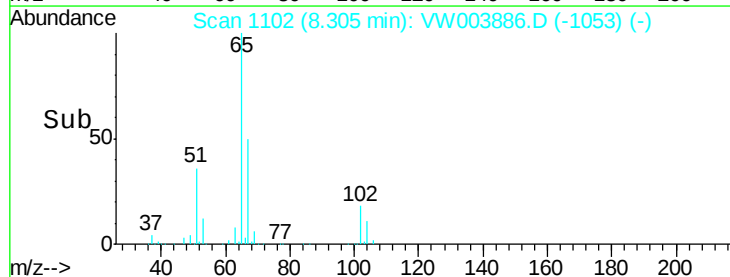
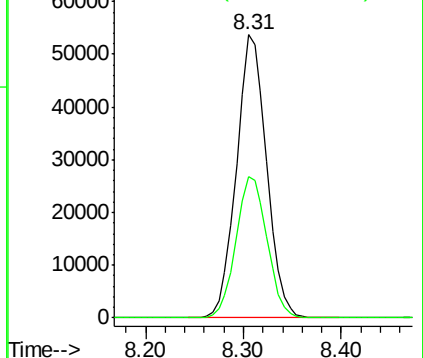


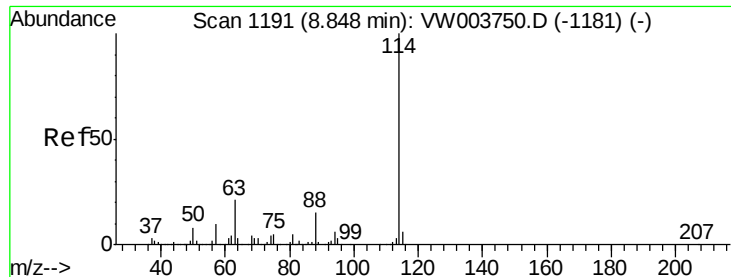
#33
1,2-Dichloroethane-d4
Concen: 53.365 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003886.D
Acq: 12 Jul 2018 01:18

Tgt Ion: 65 Resp: 114690
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8



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

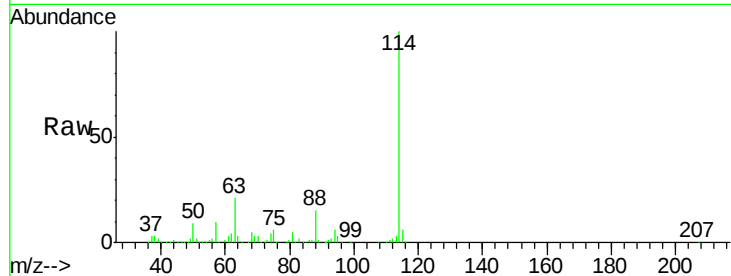




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003886.D
 Acq: 12 Jul 2018 01:18

Instrument :
 MSVOA_W
 ClientSampleId :

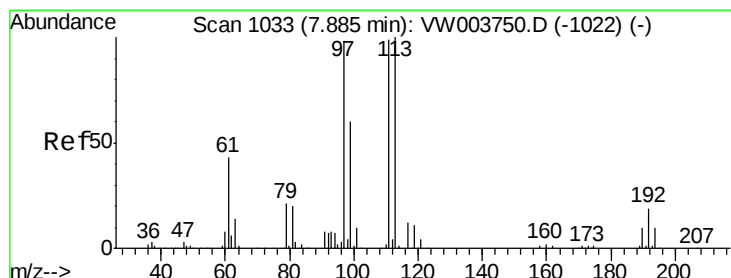
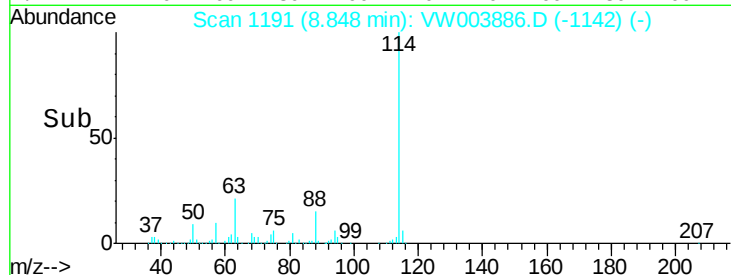
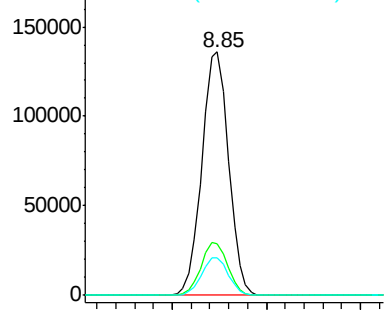
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.8
88	15.4	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

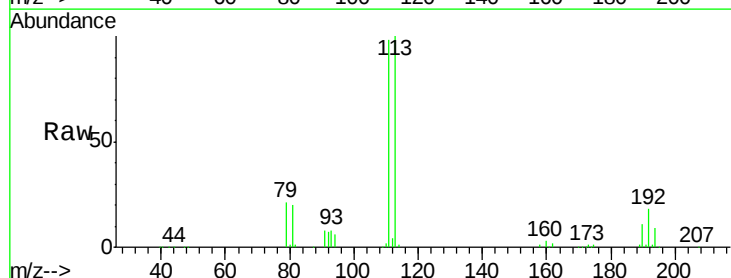
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 53.516 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003886.D
 Acq: 12 Jul 2018 01:18

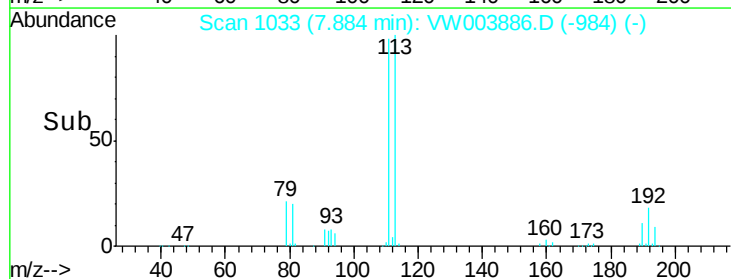
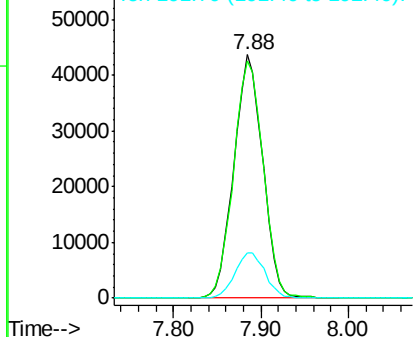
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.7	122.5
192	19.1	15.8	23.8

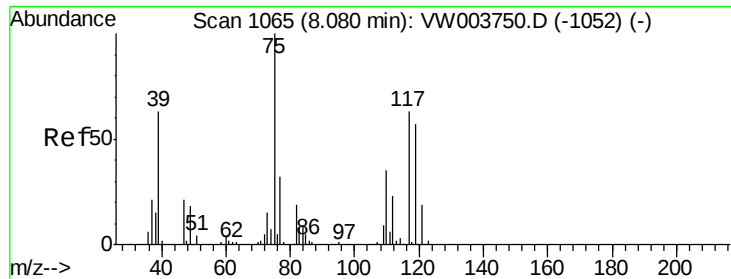


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.867 ug/l

RT: 7.95 min Scan# 1044

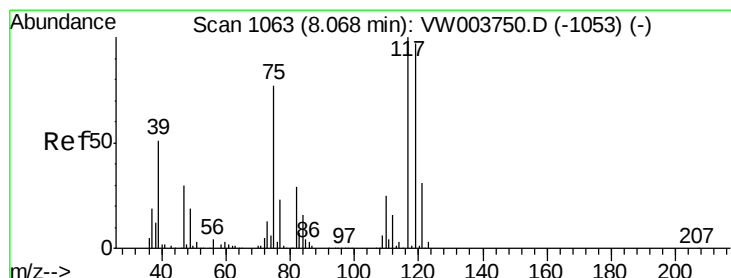
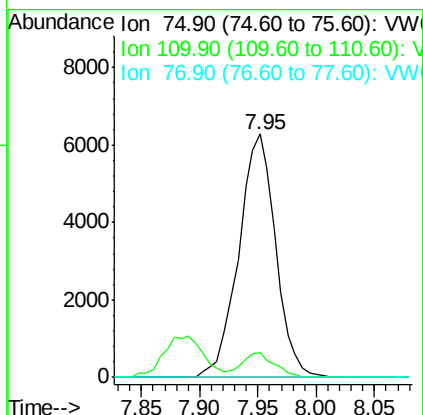
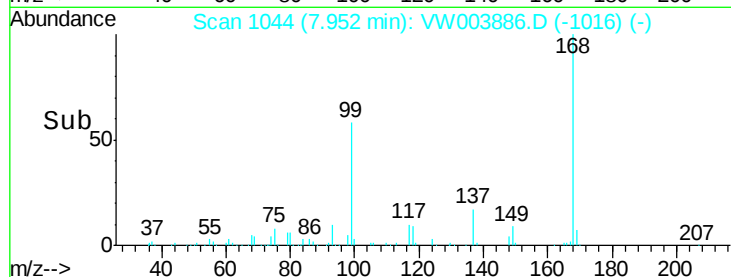
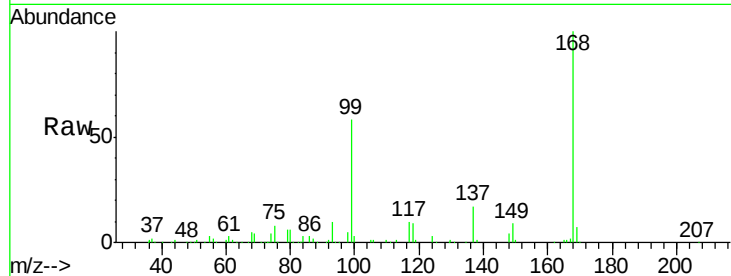
Delta R.T. -0.13 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 13857
Ion Ratio Lower Upper
75 100
110 9.1 16.9 50.6#
77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.184 ug/l

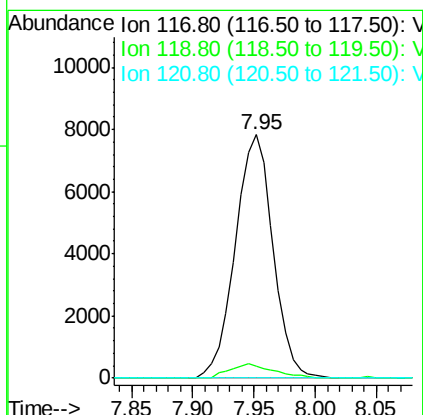
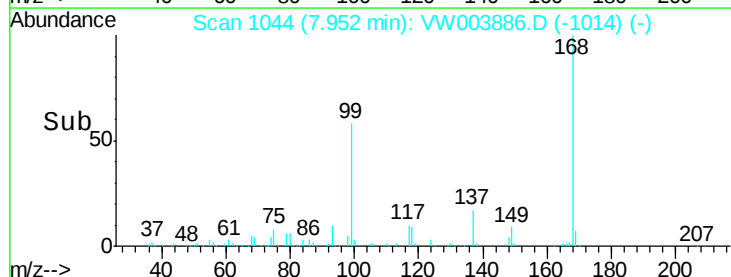
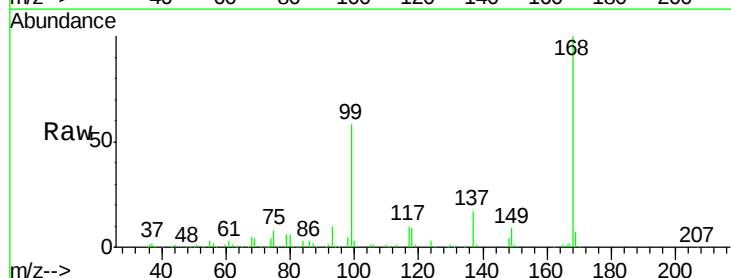
RT: 7.95 min Scan# 1044

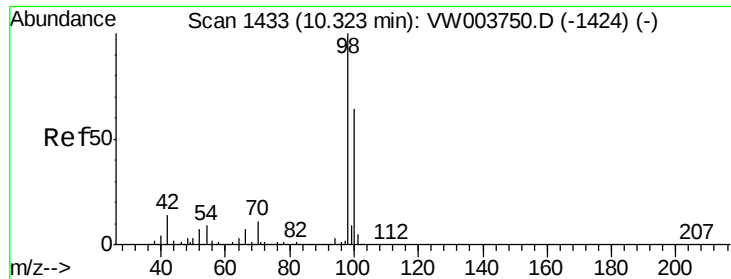
Delta R.T. -0.12 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

Tgt Ion: 117 Resp: 16740
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.2#
121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 42.976 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003886.D

Acq: 12 Jul 2018 01:18

Instrument :

MSVOA_W

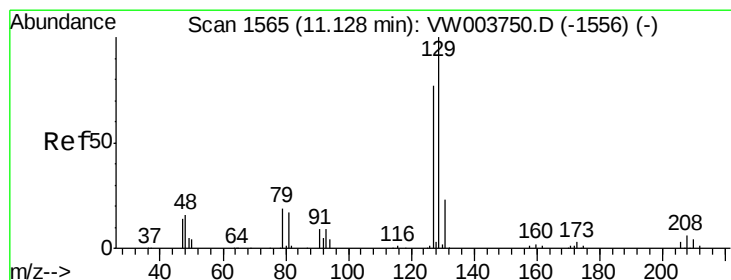
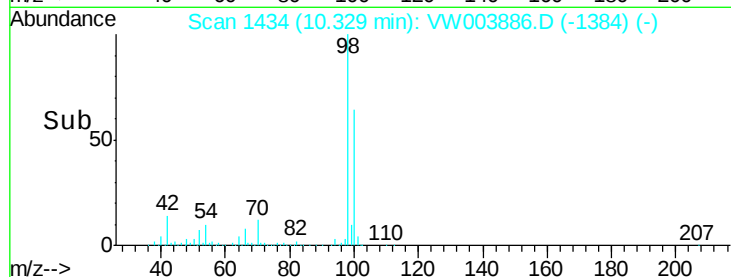
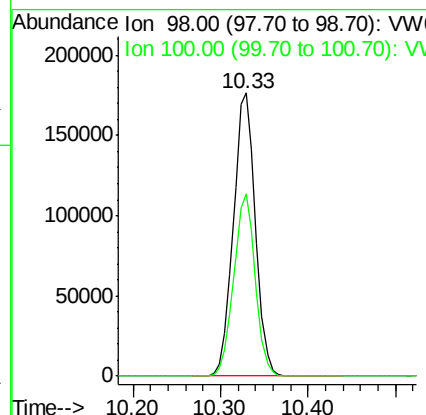
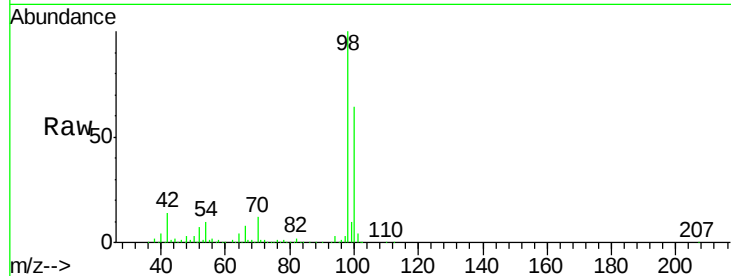
ClientSampleId :

Tot Ion: 98 Resp: 308745

Ion Ratio Lower Upper

98 100

100 62.8 50.8 76.2



#60

Dibromochloromethane

Concen: 2.256 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.26 min

Lab File: VW003886.D

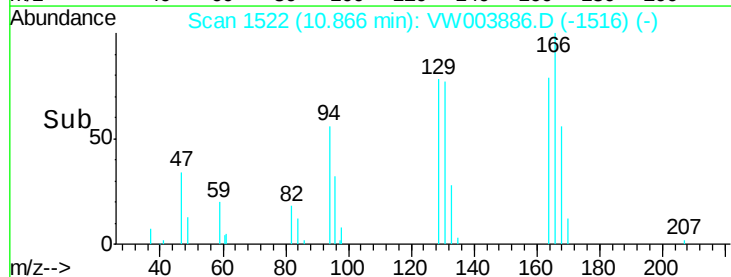
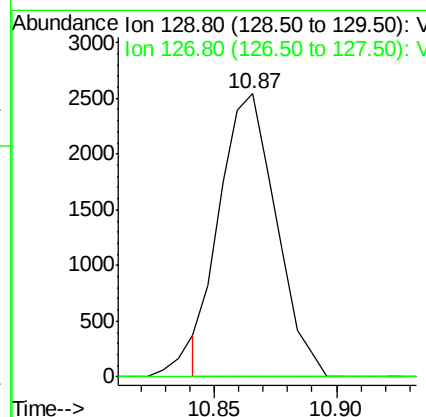
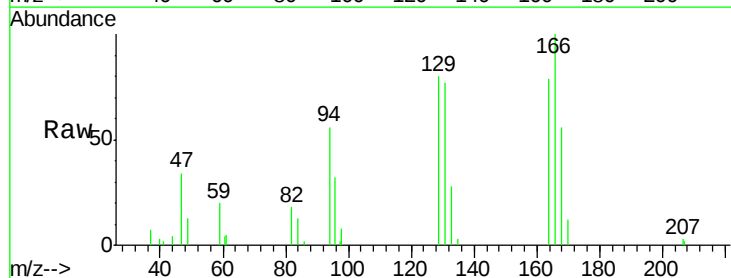
Acq: 12 Jul 2018 01:18

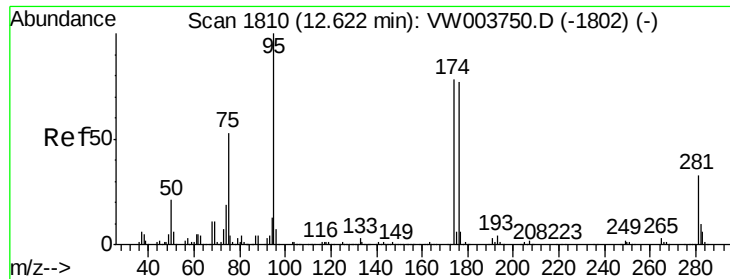
Tgt Ion: 129 Resp: 4071

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.6#

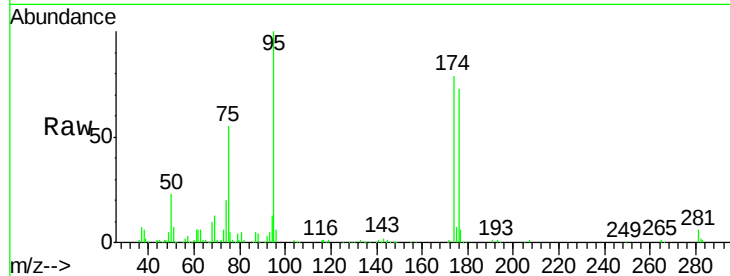




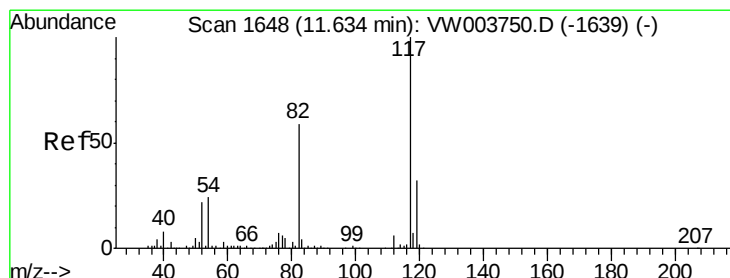
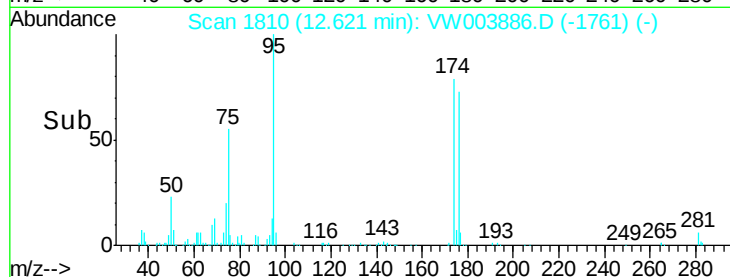
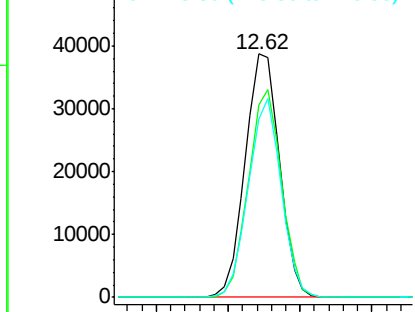
#62
4-Bromofluorobenzene
Concen: 24.590 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003886.D
Acq: 12 Jul 2018 01:18

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 95 Resp: 63917
Ion Ratio Lower Upper
95 100
174 82.4 0.0 163.4
176 77.8 0.0 156.8

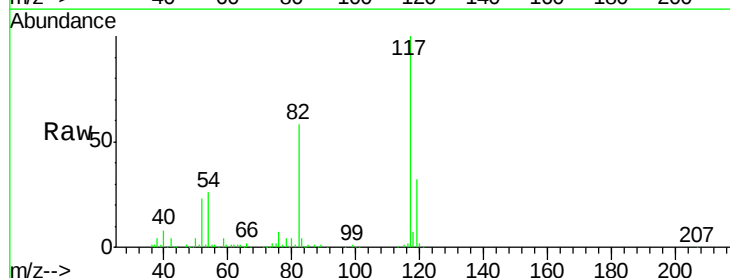


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

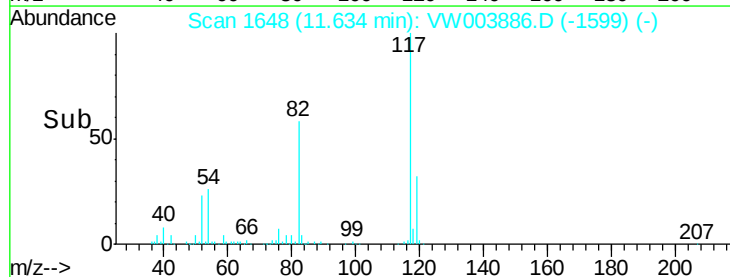
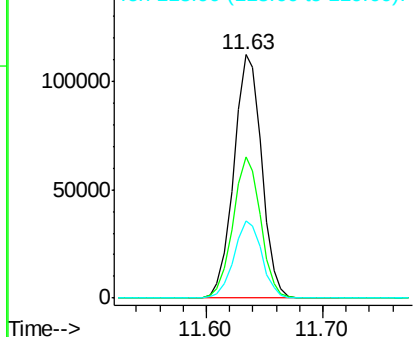


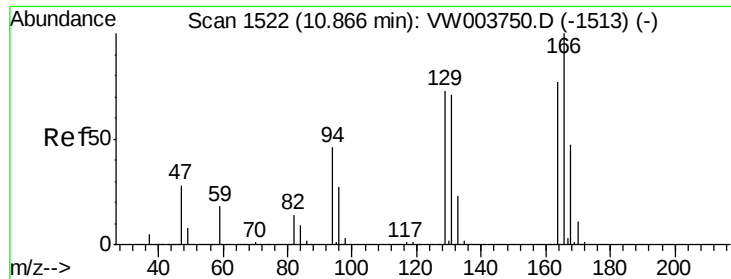
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003886.D
Acq: 12 Jul 2018 01:18

Tgt Ion: 117 Resp: 187003
Ion Ratio Lower Upper
117 100
82 58.2 46.9 70.3
119 31.8 25.5 38.3



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

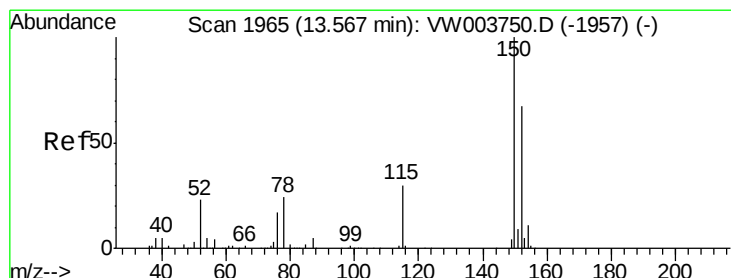
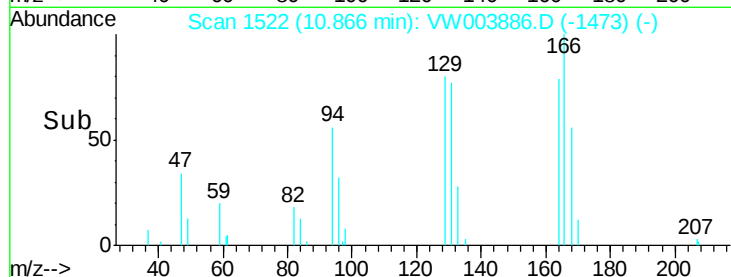
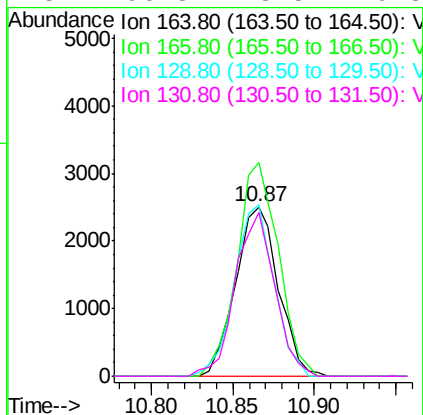
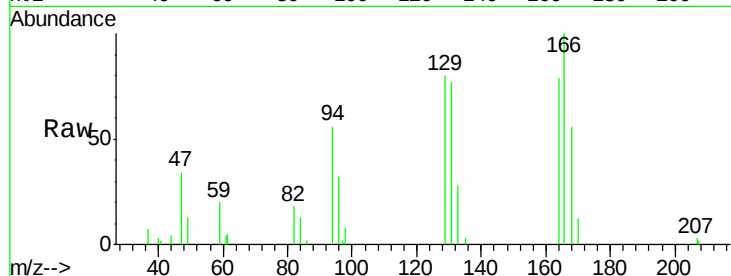




#64
Tetrachloroethene
Concen: 3.310 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003886.D
Acq: 12 Jul 2018 01:18

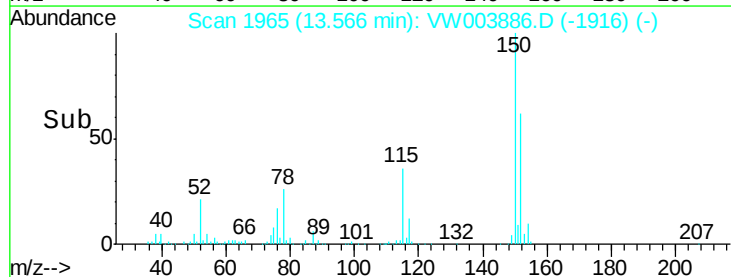
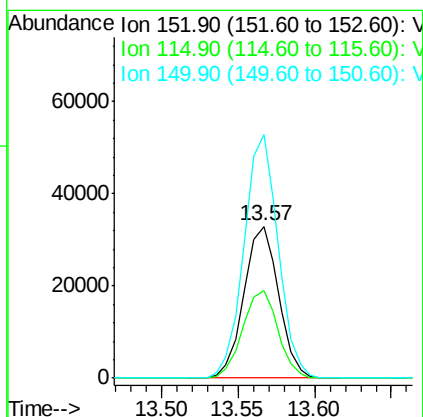
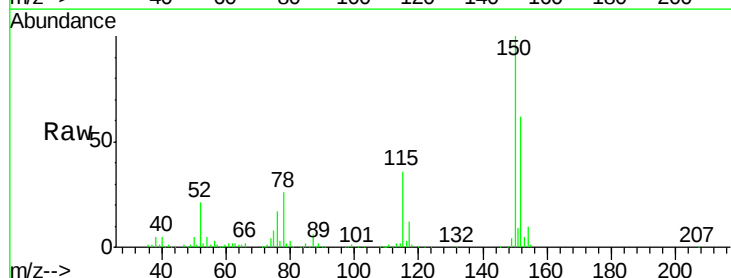
Instrument :
MSVOA_W
ClientSampled :

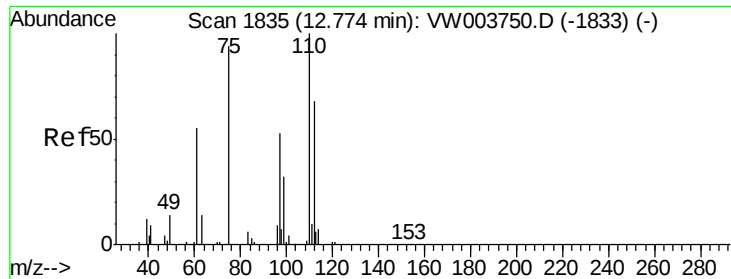
Tot Ion:164 Resp: 4579
Ion Ratio Lower Upper
164 100
166 126.0 104.2 156.4
129 101.3 75.8 113.8
131 96.8 73.5 110.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003886.D
Acq: 12 Jul 2018 01:18

Tgt Ion:152 Resp: 51878
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.8
150 157.9 0.0 342.4

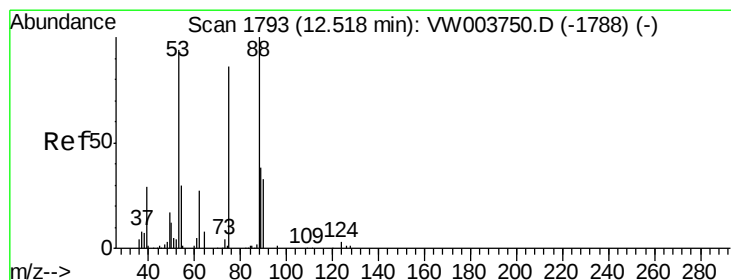
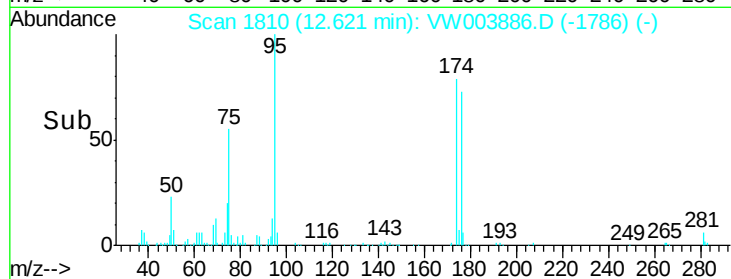
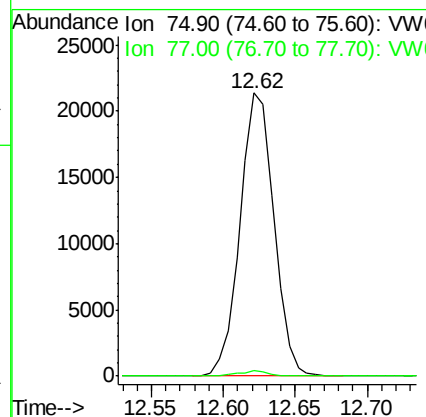
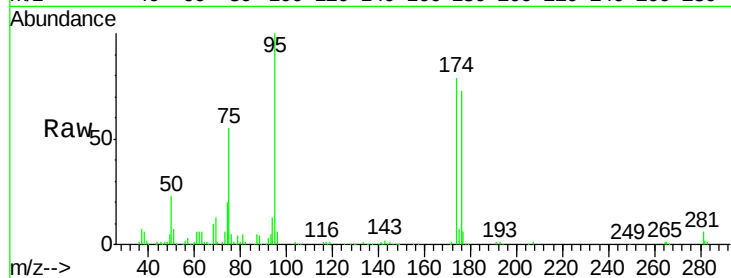




#76
 1,2,3-Trichloropropane
 Concen: 68.562 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003886.D
 Acq: 12 Jul 2018 01:18

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 34928
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 167.720 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003886.D
 Acq: 12 Jul 2018 01:18

Tgt Ion: 75 Resp: 34928
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.0 127.6#
 89 0.1 36.3 54.5#

