

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006536.D
 Acq On : 31 Oct 2018 19:37
 Operator : SY/AP
 Sample : J5649-11
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 31 23:12:37 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	252931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	383063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	193217	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124443	59.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.70%	
35) Dibromofluoromethane	7.88	113	125711	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
50) Toluene-d8	10.33	98	471898	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
62) 4-Bromofluorobenzene	12.62	95	169528	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

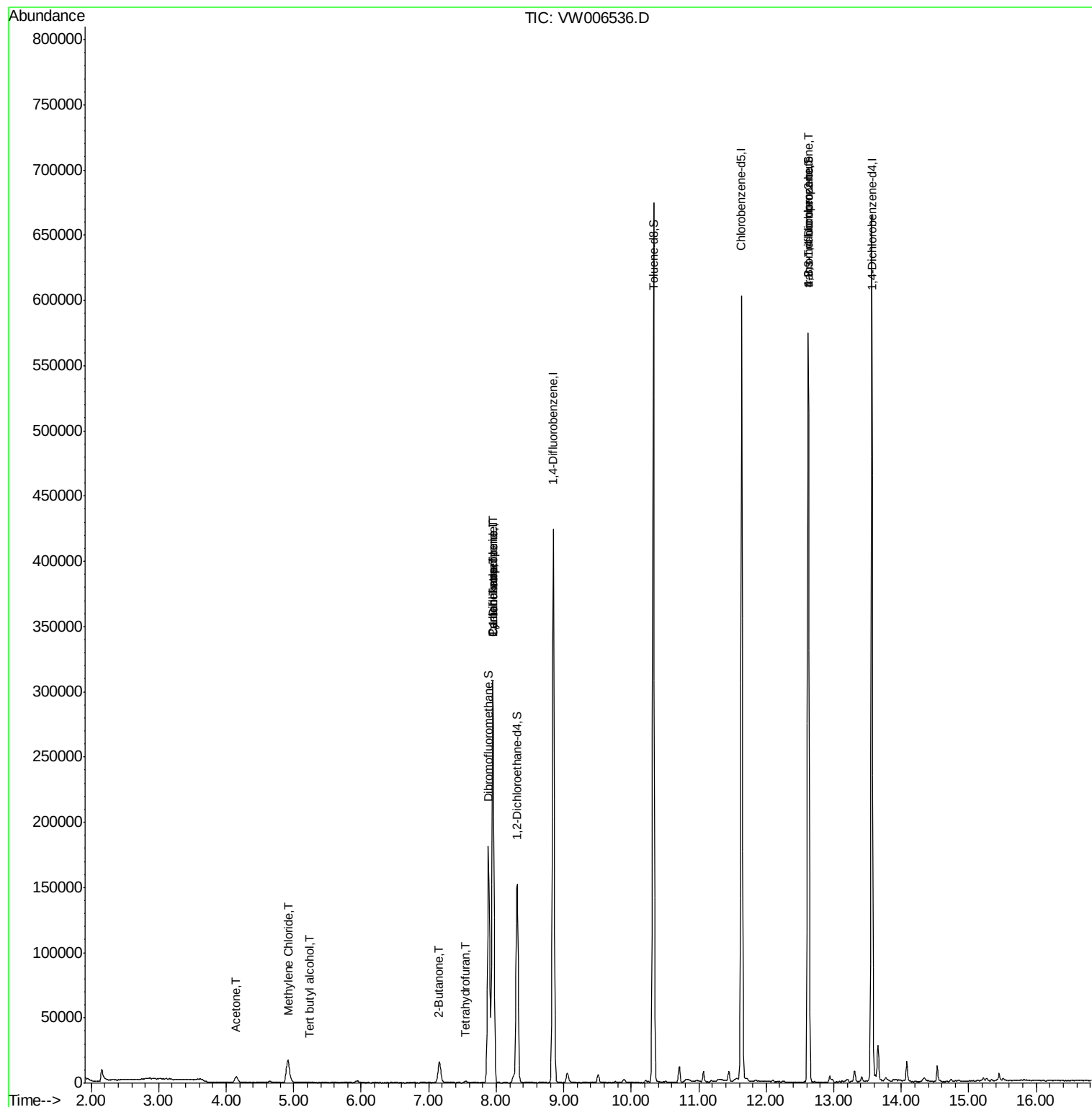
					Qvalue	
11) Tert butyl alcohol	5.23	59	490	3.474	ug/l #	71
16) Acetone	4.15	43	9053	8.725	ug/l	97
20) Methylene Chloride	4.91	84	16344	5.932	ug/l	85
25) 2-Butanone	7.15	43	1122	1.981	ug/l #	68
29) Tetrahydrofuran	7.54	42	857	2.461	ug/l	97
31) Cyclohexane	7.95	56	3987	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15572	4.410	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22144	5.721	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	83616	56.658	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83616	135.435	ug/l #	10

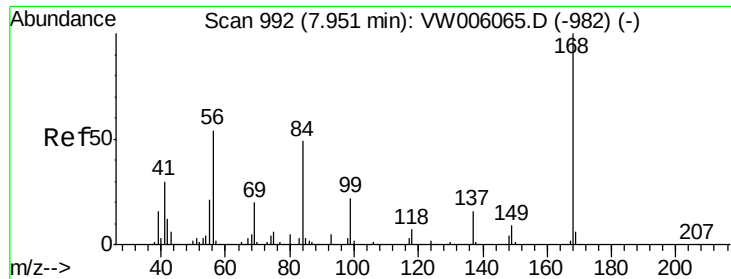
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 31 23:12:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
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: VW006536.D

Acq: 31 Oct 2018 19:37

Instrument :

MSVOA_W

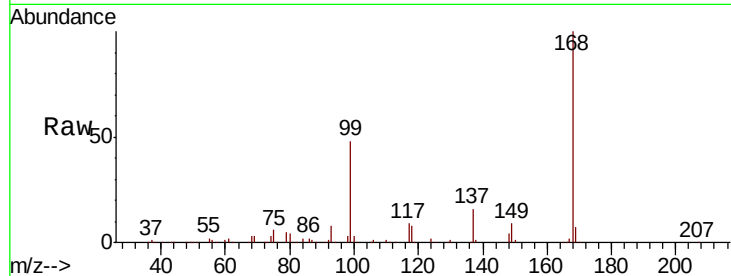
ClientSampled :

Tot Ion:168 Resp: 252931

Ion Ratio Lower Upper

168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

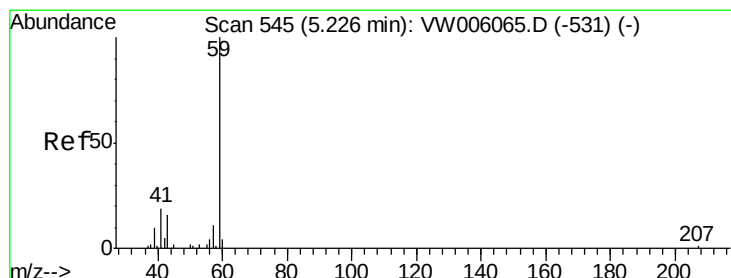
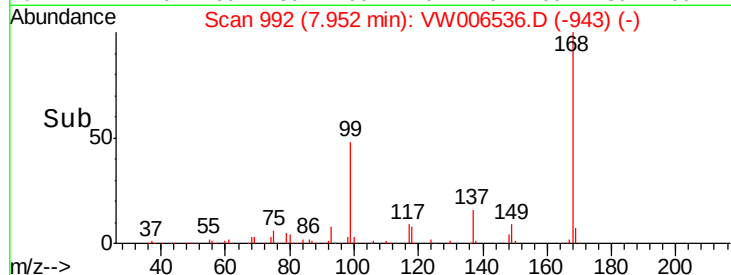
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.474 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW006536.D

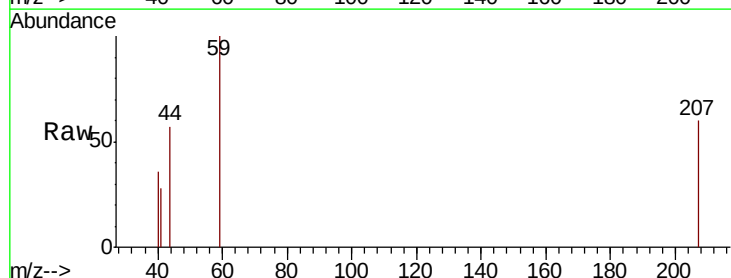
Acq: 31 Oct 2018 19:37

Tgt Ion: 59 Resp: 490

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

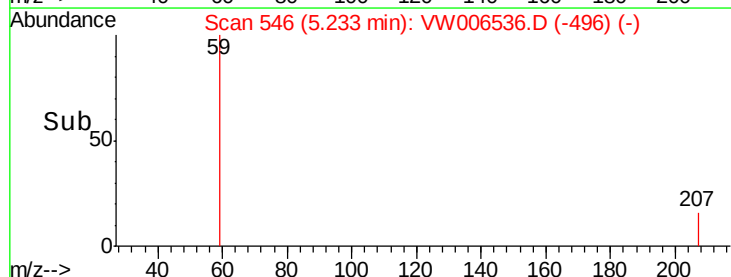
300

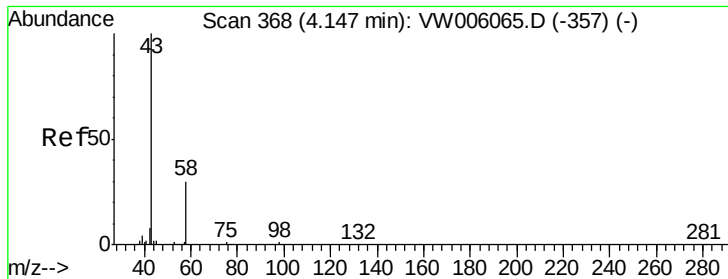
200

100

0

Time-->

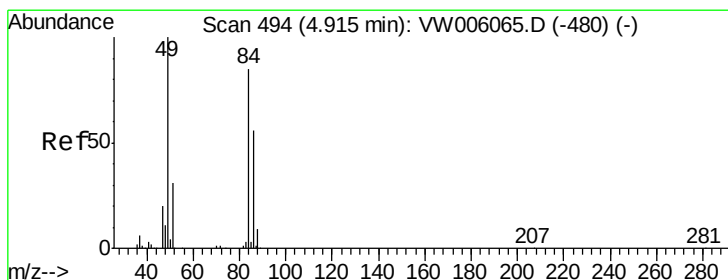
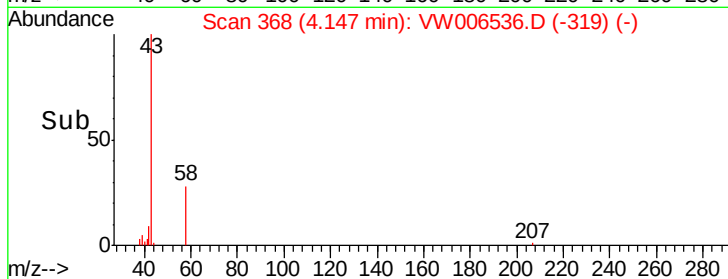
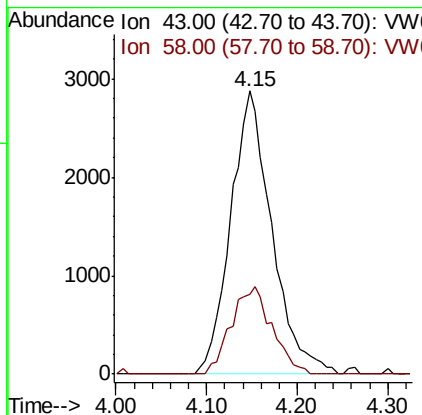
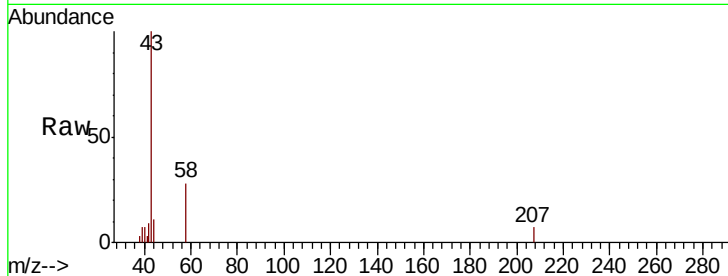




#16
Acetone
Concen: 8.725 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006536.D
Acq: 31 Oct 2018 19:37

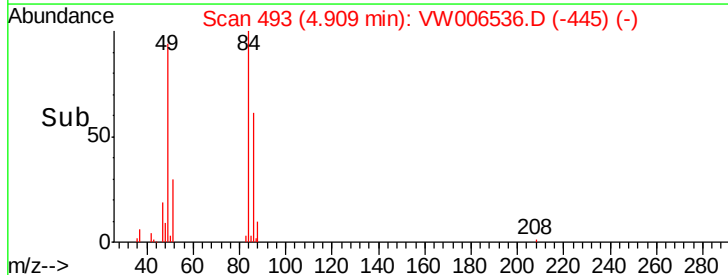
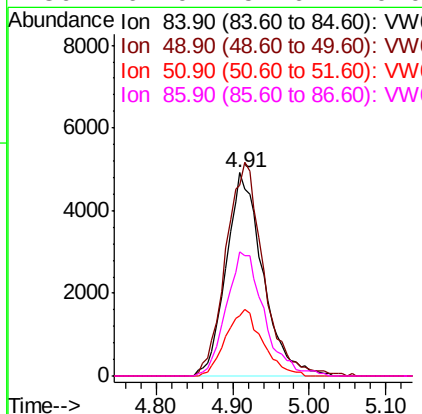
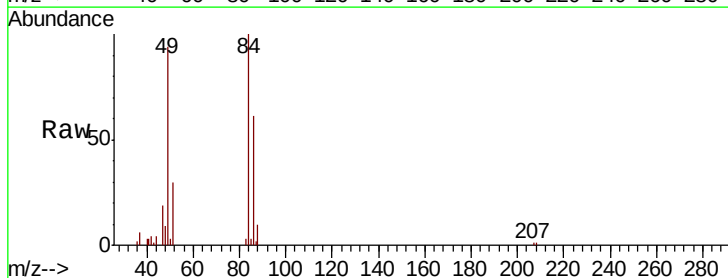
Instrument :
MSVOA_W
ClientSampleId :

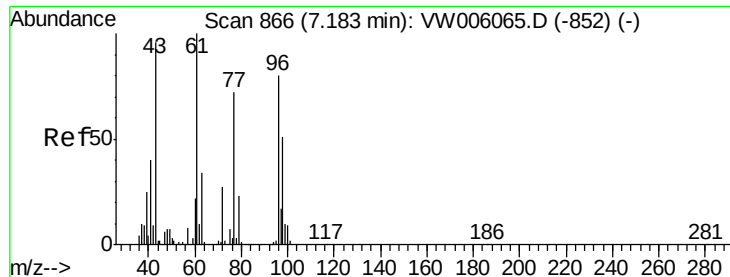
Tot Ion: 43 Resp: 9053
Ion Ratio Lower Upper
43 100
58 28.3 24.0 36.0



#20
Methylene Chloride
Concen: 5.932 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006536.D
Acq: 31 Oct 2018 19:37

Tgt Ion: 84 Resp: 16344
Ion Ratio Lower Upper
84 100
49 93.8 93.6 140.4
51 29.6 29.0 43.4
86 61.0 52.6 79.0





#25

2-Butanone

Concen: 1.981 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006536.D

Acq: 31 Oct 2018 19:37

Instrument :

MSVOA_W

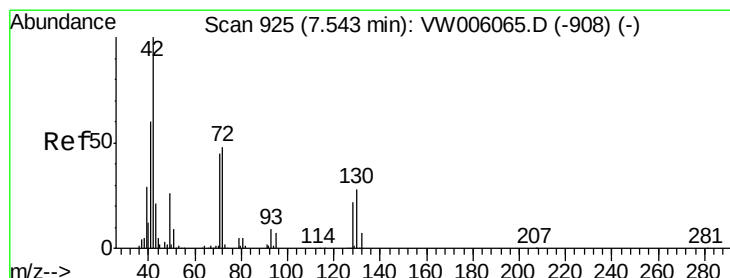
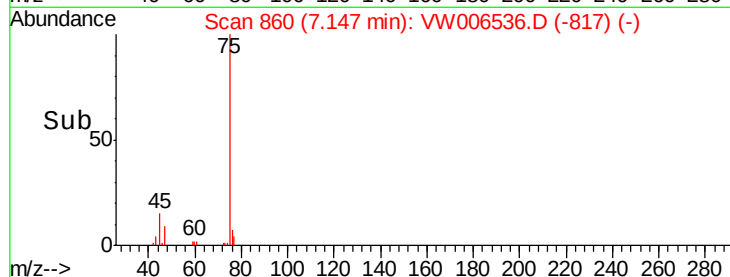
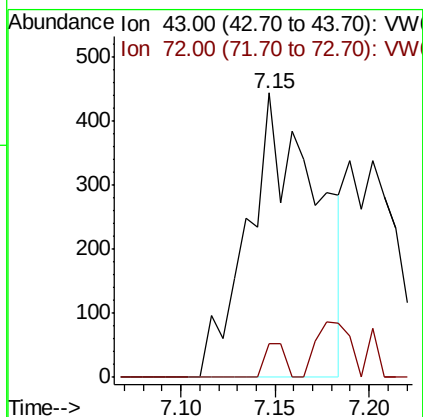
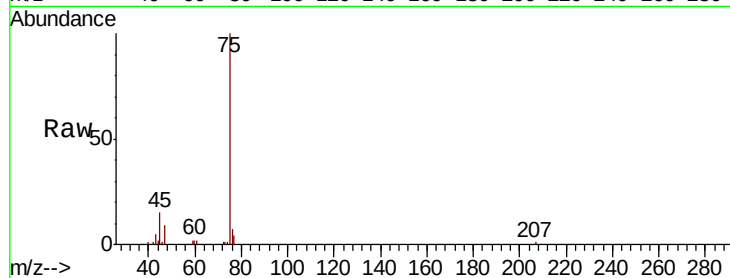
ClientSampled :

Tot Ion: 43 Resp: 1122

Ion Ratio Lower Upper

43 100

72 11.7 22.8 34.2#



#29

Tetrahydrofuran

Concen: 2.461 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006536.D

Acq: 31 Oct 2018 19:37

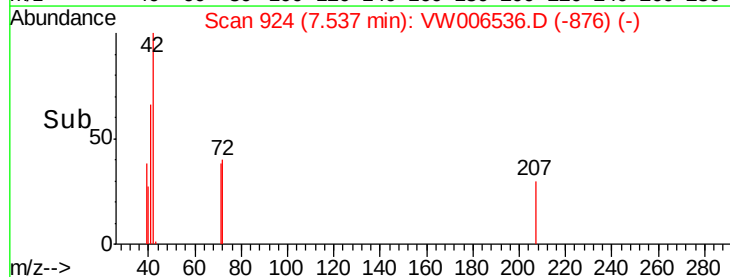
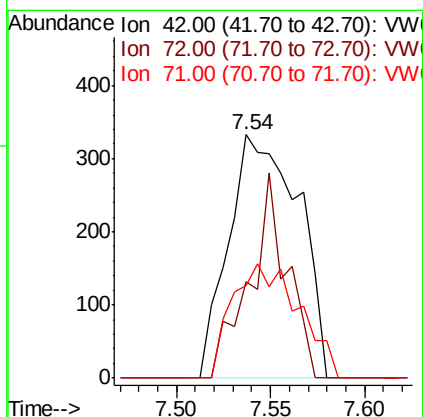
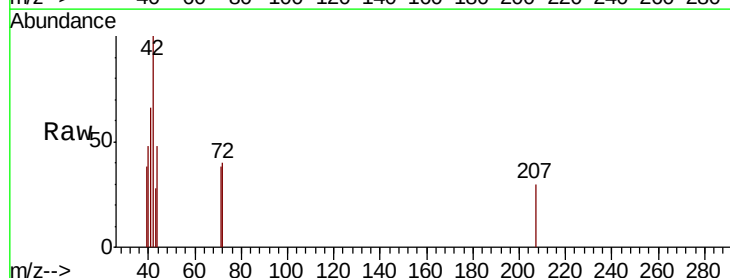
Tgt Ion: 42 Resp: 857

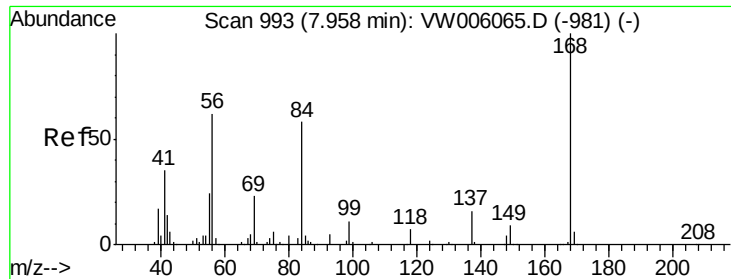
Ion Ratio Lower Upper

42 100

72 44.8 38.0 57.0

71 44.9 35.3 52.9

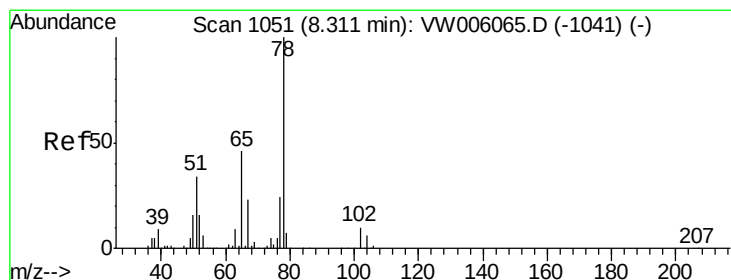
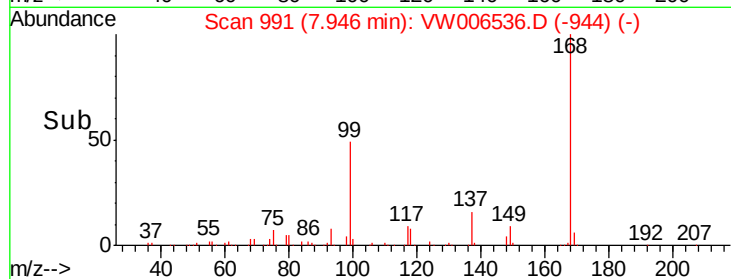
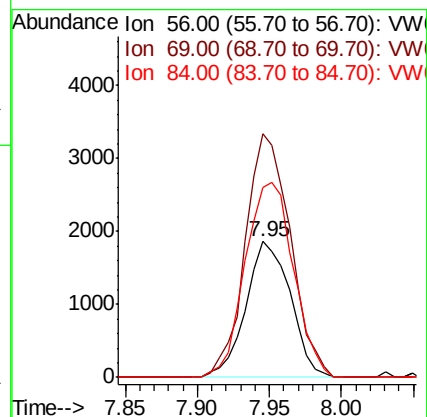
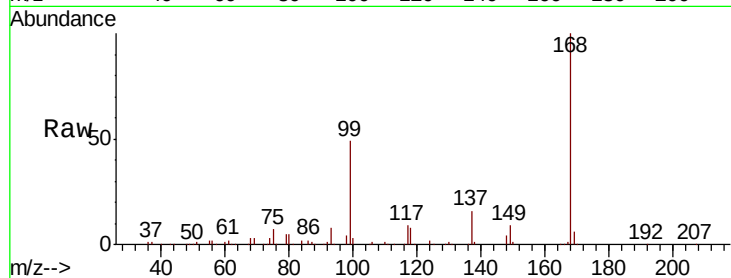




#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006536.D
Acq: 31 Oct 2018 19:37

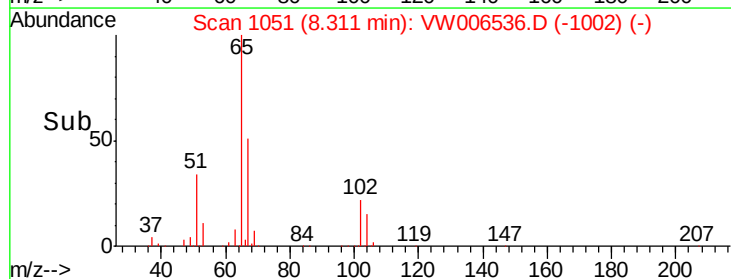
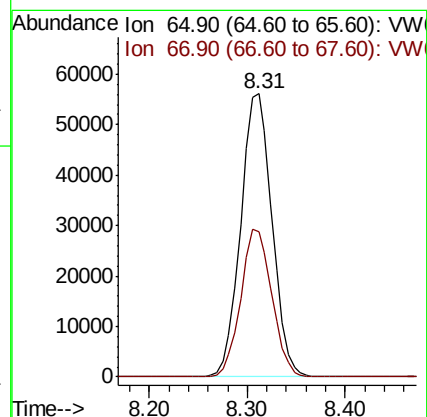
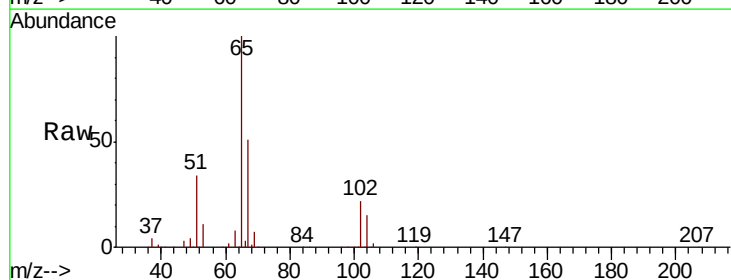
Instrument :
MSVOA_W
ClientSampled :

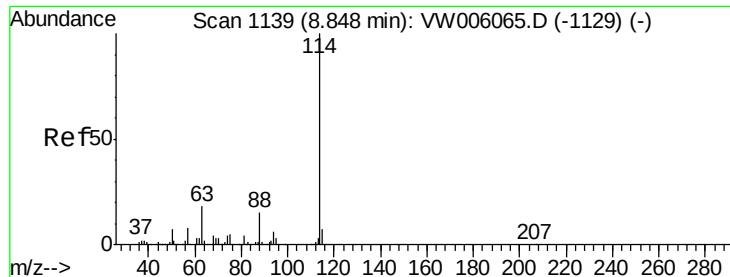
Tot Ion: 56 Resp: 3987
Ion Ratio Lower Upper
56 100
69 179.2 29.4 44.0#
84 140.2 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 59.345 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006536.D
Acq: 31 Oct 2018 19:37

Tgt Ion: 65 Resp: 124443
Ion Ratio Lower Upper
65 100
67 51.9 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: VW006536.D

Acq: 31 Oct 2018 19:37

Instrument :

MSVOA_W

ClientSampleId :

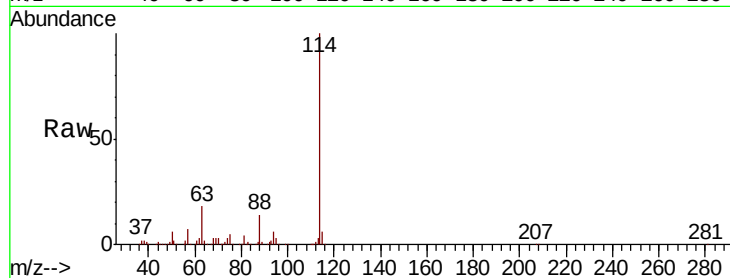
Tot Ion:114 Resp: 383063

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

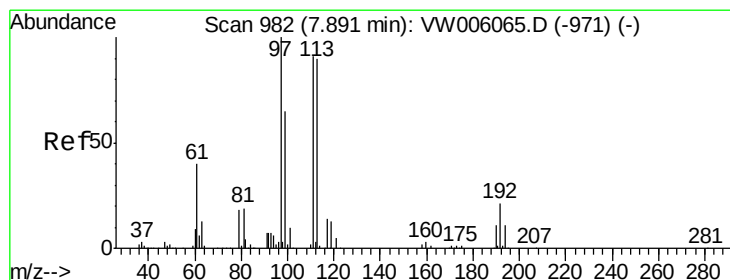
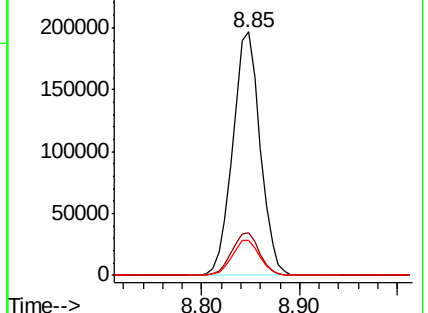
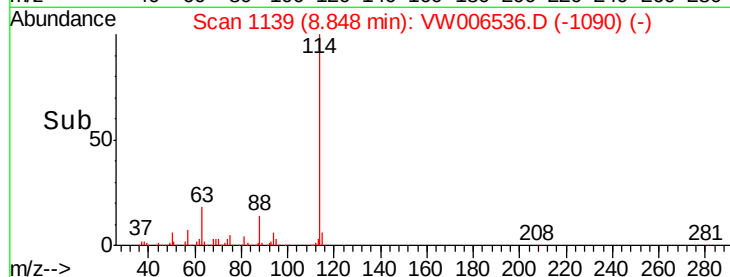
88 14.4 0.0 29.0



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: 55.538 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006536.D

Acq: 31 Oct 2018 19:37

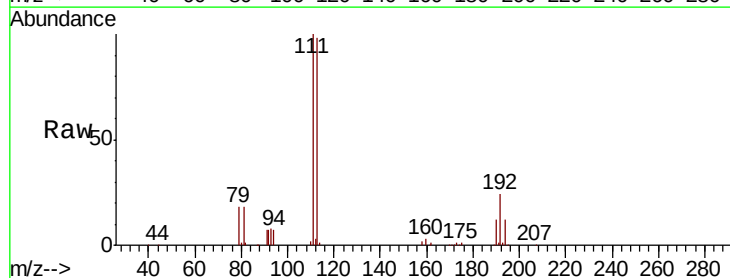
Tgt Ion:113 Resp: 125711

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

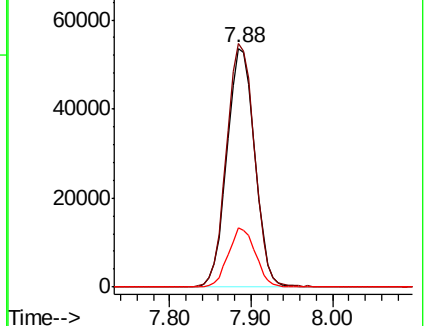
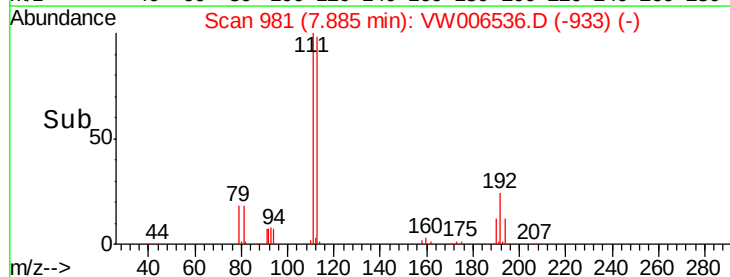
192 24.1 18.7 28.1

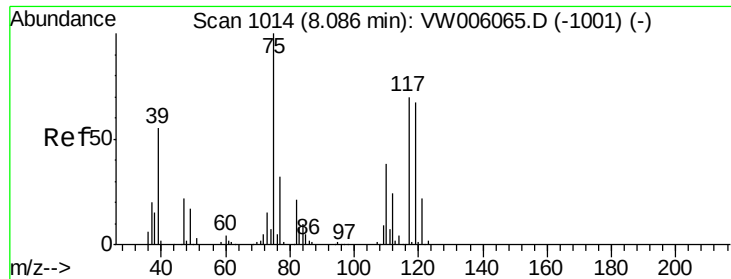


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

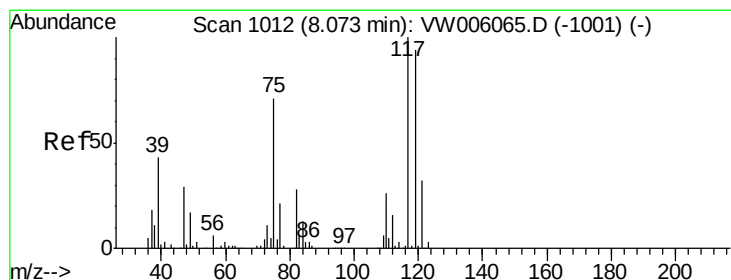
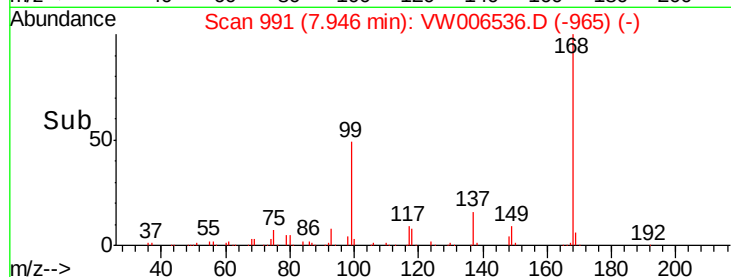
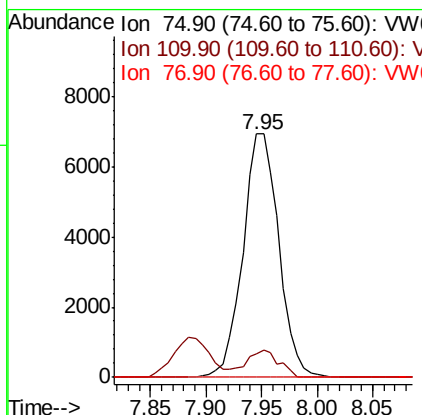
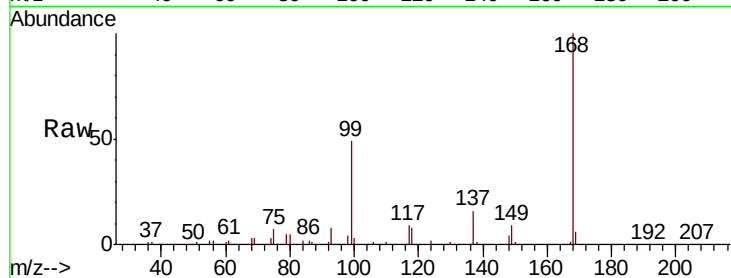




#36
 1,1-Dichloropropene
 Concen: 4.410 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006536.D
 Acq: 31 Oct 2018 19:37

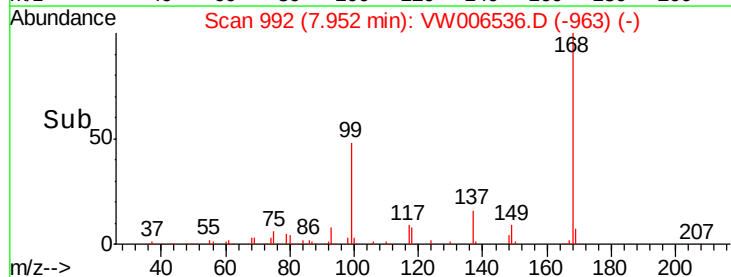
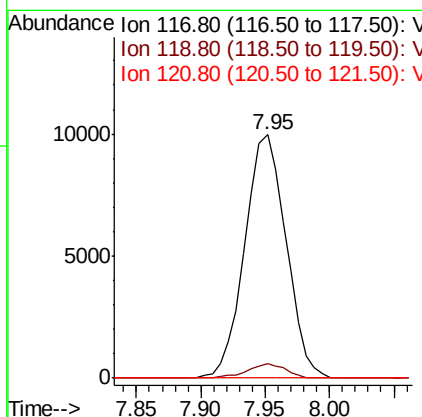
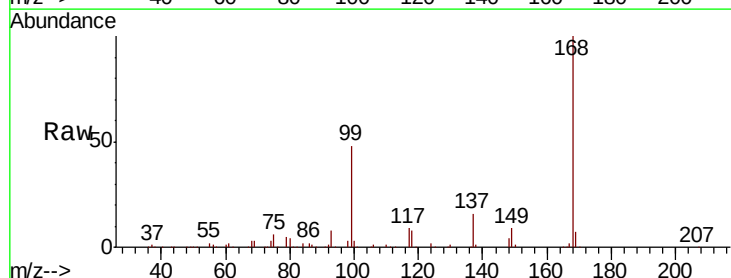
Instrument :
 MSVOA_W
 ClientSampled :

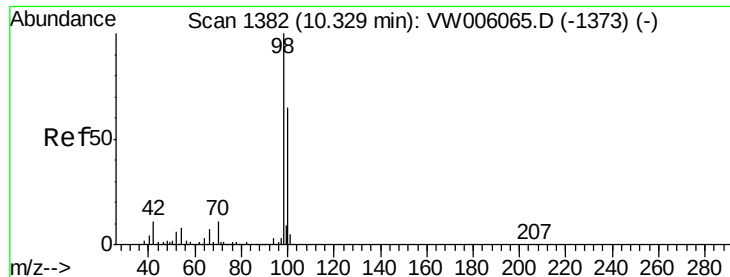
Tot Ion: 75 Resp: 15572
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.721 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006536.D
 Acq: 31 Oct 2018 19:37

Tgt Ion: 117 Resp: 22144
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.2 112.8#
 121 0.0 25.3 37.9#

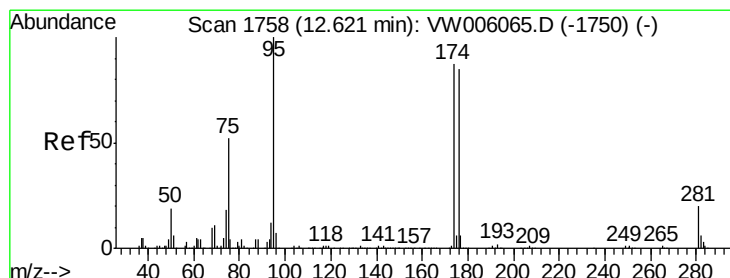
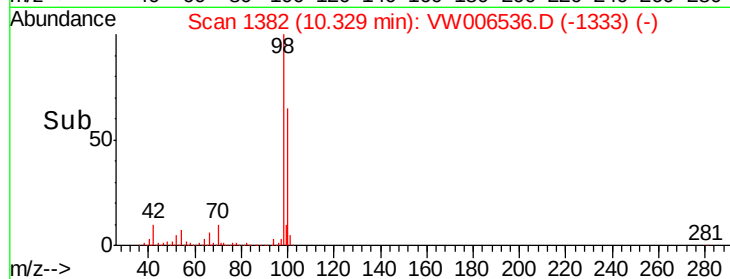
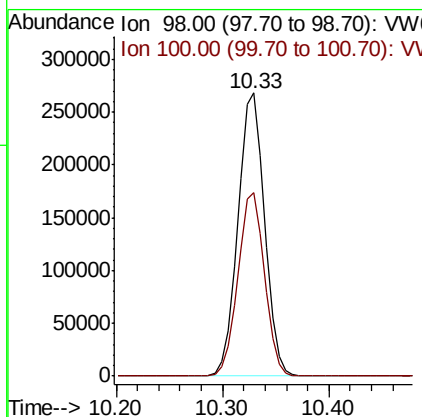
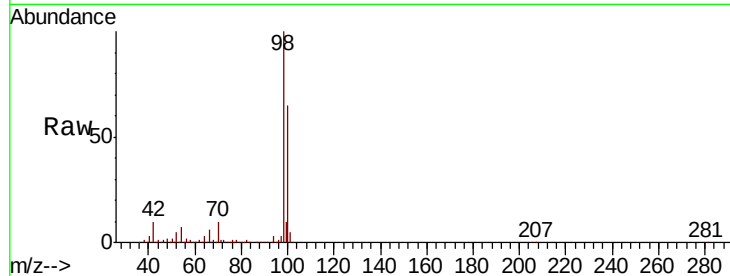




#50
Toluene-d8
Concen: 54.799 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006536.D
Acq: 31 Oct 2018 19:37

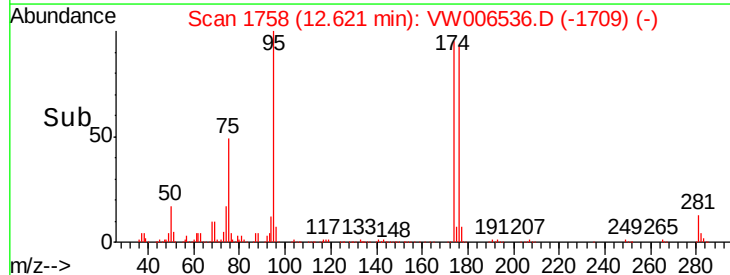
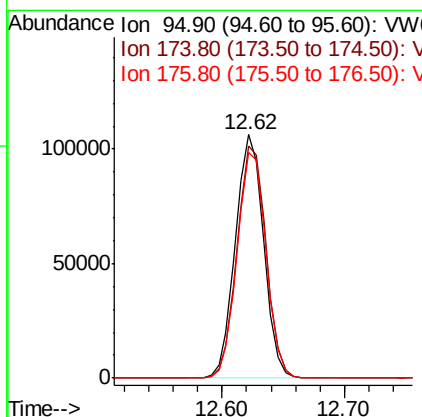
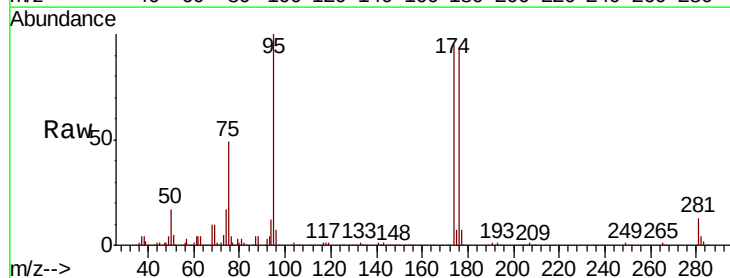
Instrument :
MSVOA_W
ClientSampleId :

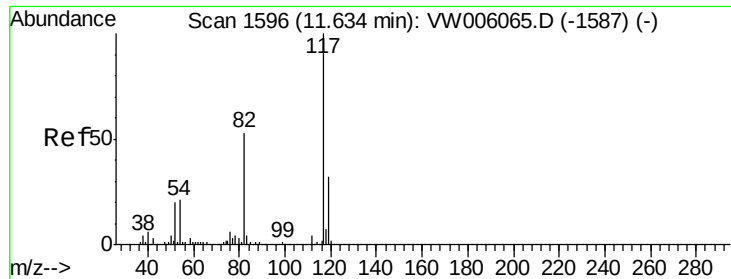
Tot Ion: 98 Resp: 471898
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 52.414 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006536.D
Acq: 31 Oct 2018 19:37

Tgt Ion: 95 Resp: 169528
Ion Ratio Lower Upper
95 100
174 98.0 0.0 186.0
176 94.9 0.0 181.6

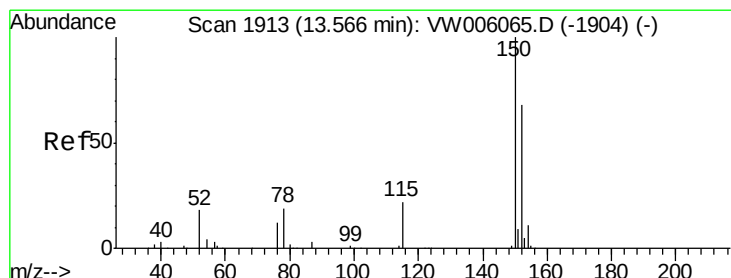
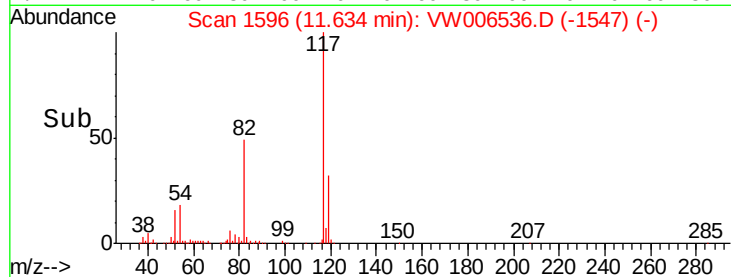
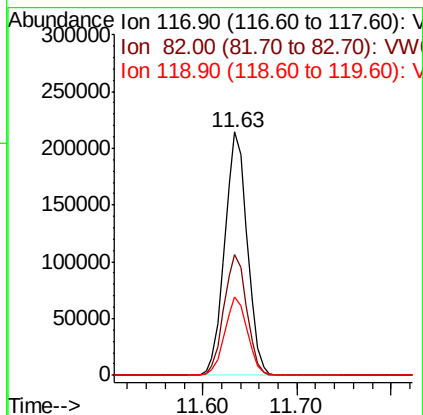
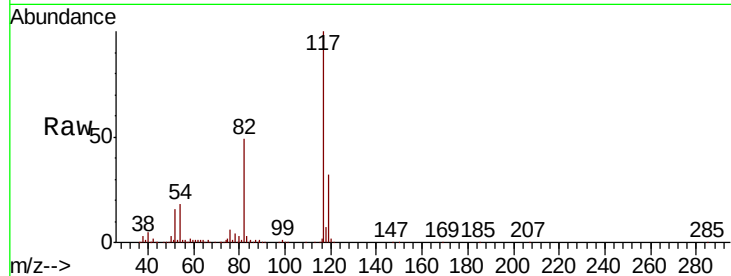




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006536.D
Acq: 31 Oct 2018 19:37

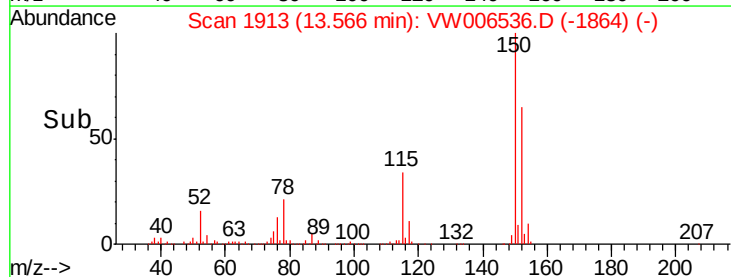
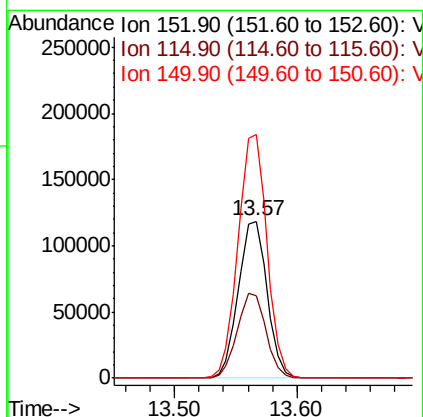
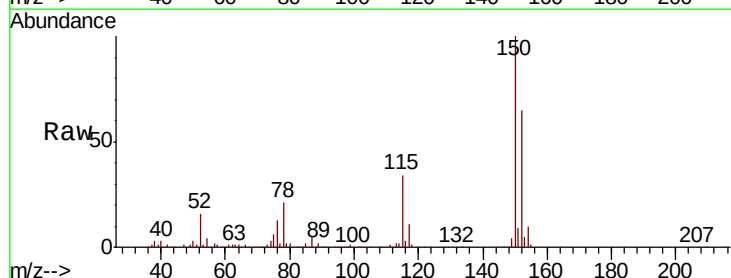
Instrument :
MSVOA_W
ClientSampled :

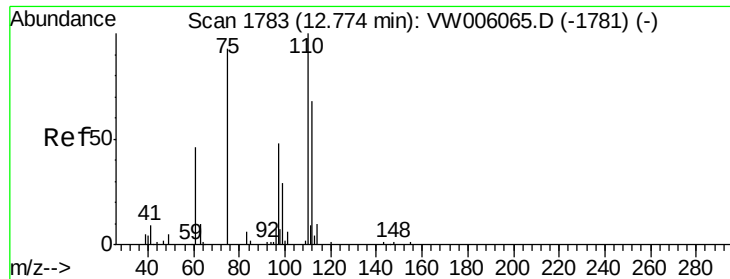
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	42.1	63.1
119	32.2	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006536.D
Acq: 31 Oct 2018 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.8	83.3
150	155.5	0.0	349.2





#76

1,2,3-Trichloropropane

Concen: 56.658 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006536.D

Acq: 31 Oct 2018 19:37

Instrument :

MSVOA_W

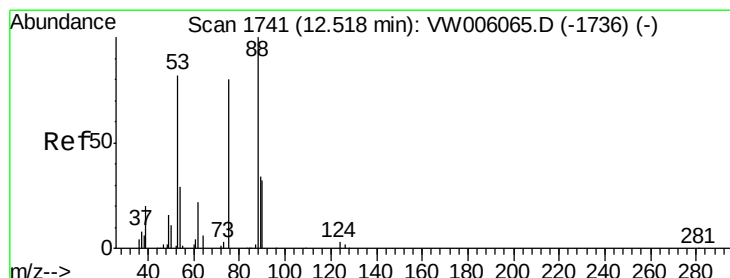
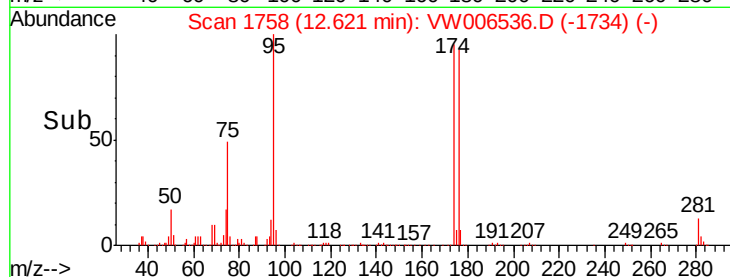
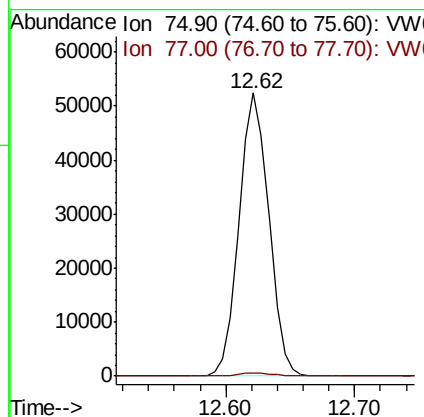
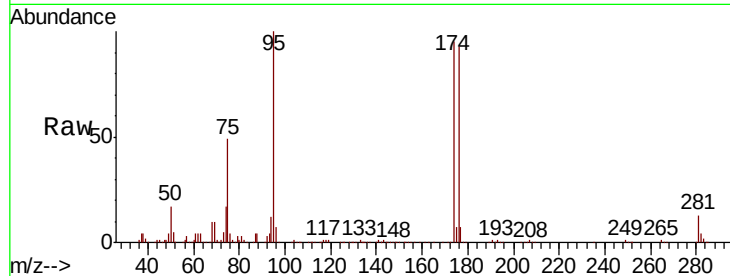
ClientSampleId :

Tot Ion: 75 Resp: 83616

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.435 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006536.D

Acq: 31 Oct 2018 19:37

Tgt Ion: 75 Resp: 83616

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

