

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021419\
 Data File : VW008671.D
 Acq On : 14 Feb 2019 17:27
 Operator : SY/VA
 Sample : K1484-11RE
 Misc : 6.50G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-3-S

Quant Time: Feb 15 02:50:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	341931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	504587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	443850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216478	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	185765	52.26	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.88	113	159893	51.03	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.32	98	597671	49.48	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.62	95	210092	46.18	ug/l	0.00
Spiked Amount						

Target Compounds

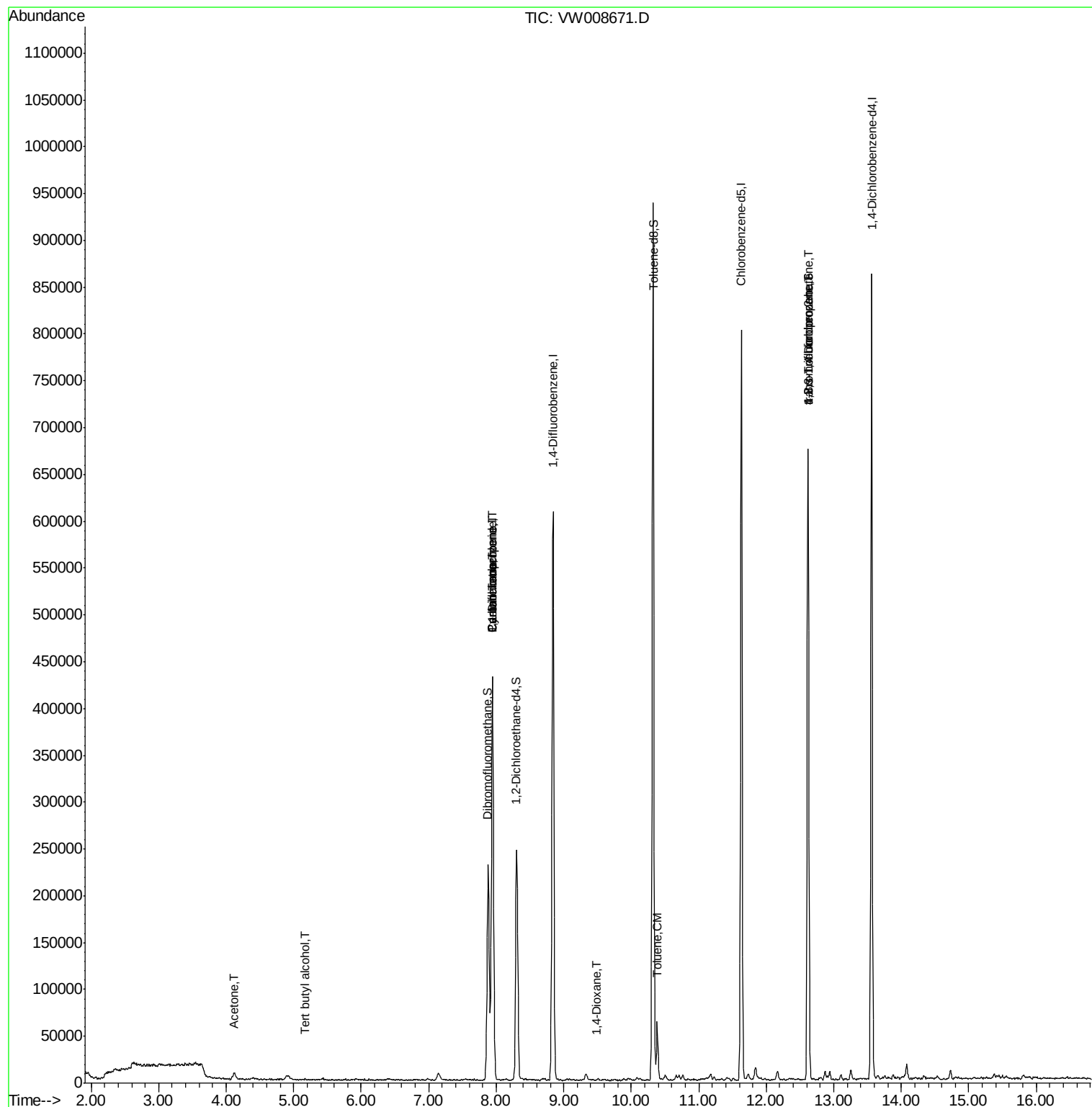
					Qvalue	
11) Tert butyl alcohol	5.17	59	996	3.502	ug/l #	72
16) Acetone	4.12	43	11585	14.321	ug/l	96
20) Methylene Chloride	4.92	84	4464	Below Cal	#	54
31) Cyclohexane	7.94	56	8304	1.277	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	25200	4.971	ug/l #	50
38) Carbon Tetrachloride	7.94	117	33105	6.567	ug/l #	17
49) 1,4-Dioxane	9.48	88	91	3.020	ug/l #	39
52) Toluene	10.39	92	23973	2.684	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	108348	50.686	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	108348	108.642	ug/l #	6

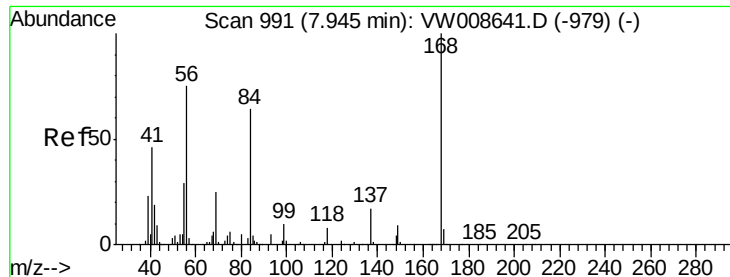
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW021419\
Data File : VW008671.D
Acq On : 14 Feb 2019 17:27
Operator : SY/VA
Sample : K1484-11RE
Misc : 6.50G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
M-3-S

Quant Time: Feb 15 02:50:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008671.D

Acq: 14 Feb 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

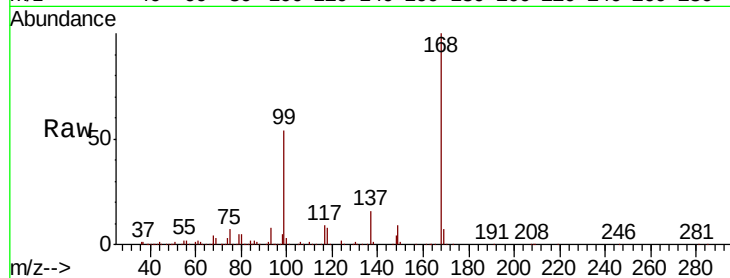
M-3-S

Tgt Ion:168 Resp: 341931

Ion Ratio Lower Upper

168 100

99 53.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

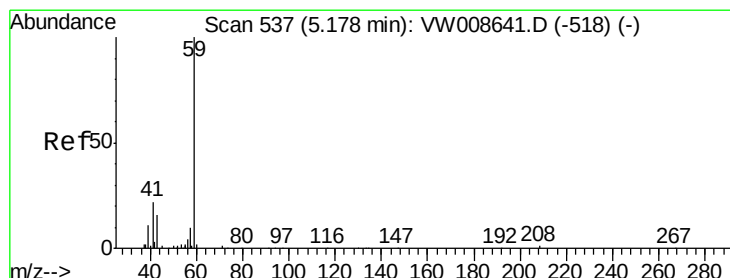
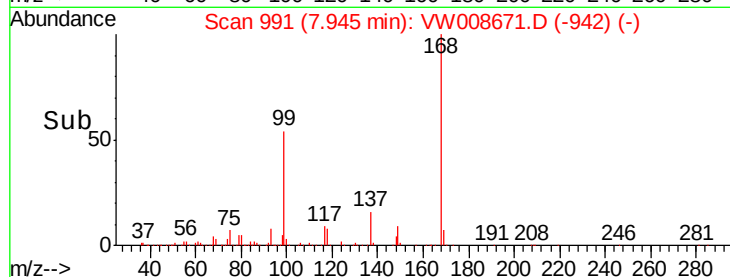
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.502 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.01 min

Lab File: VW008671.D

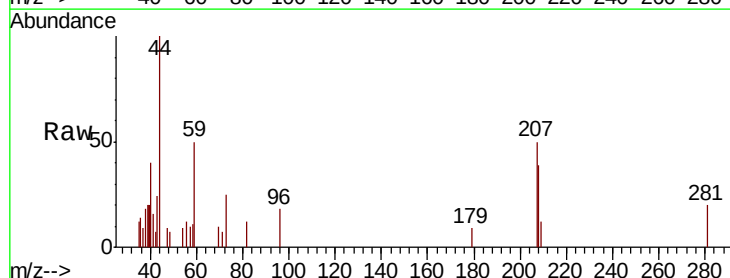
Acq: 14 Feb 2019 17:27

Tgt Ion: 59 Resp: 996

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

400

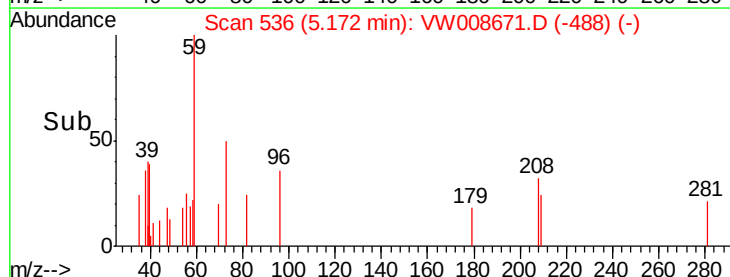
300

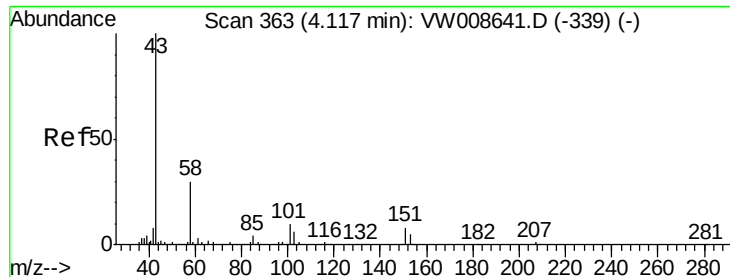
200

100

0

Time-->

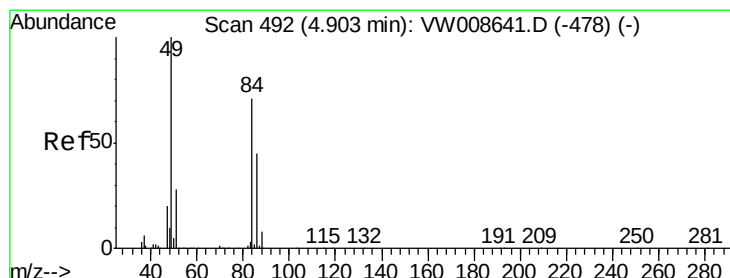
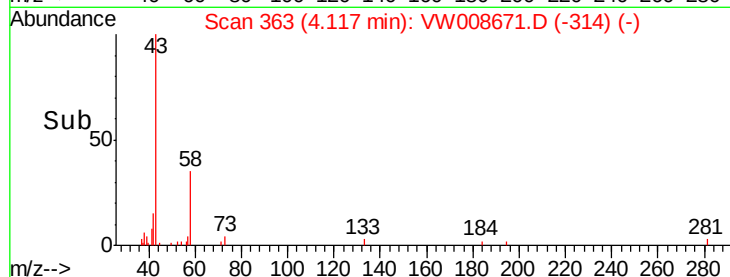
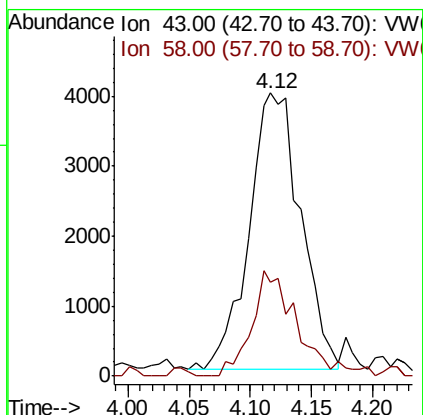
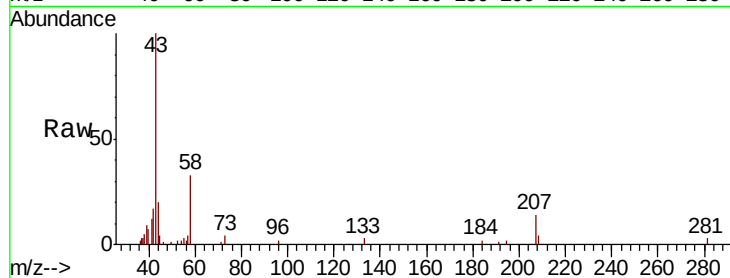




#16
Acetone
Concen: 14.321 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW008671.D
Acq: 14 Feb 2019 17:27

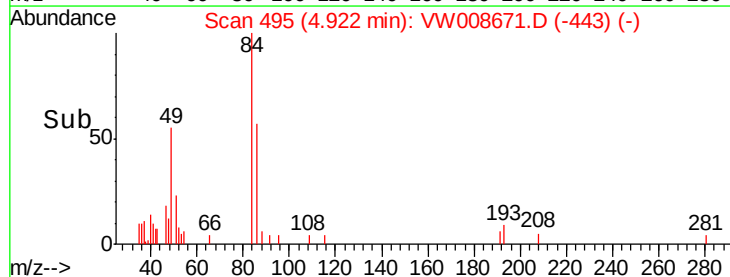
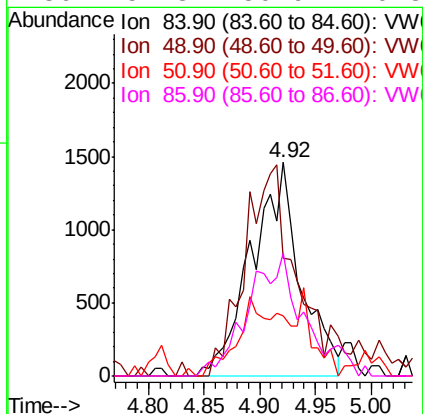
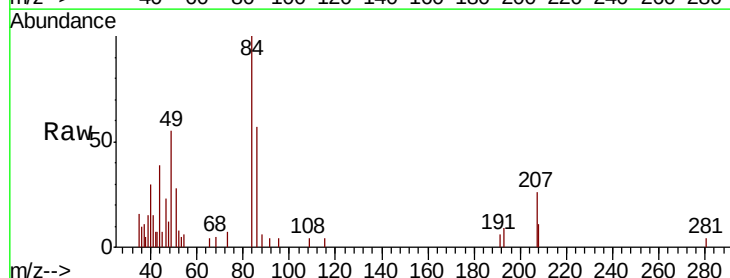
Instrument :
MSVOA_W
ClientSampleId :
M-3-S

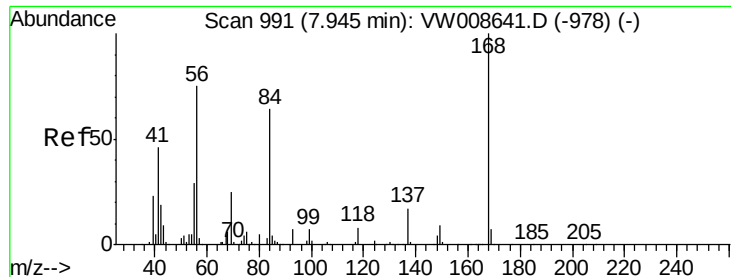
Tgt Ion: 43 Resp: 11585
Ion Ratio Lower Upper
43 100
58 32.4 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.02 min
Lab File: VW008671.D
Acq: 14 Feb 2019 17:27

Tgt Ion: 84 Resp: 4464
Ion Ratio Lower Upper
84 100
49 54.9 113.3 169.9#
51 28.3 32.1 48.1#
86 57.3 50.9 76.3

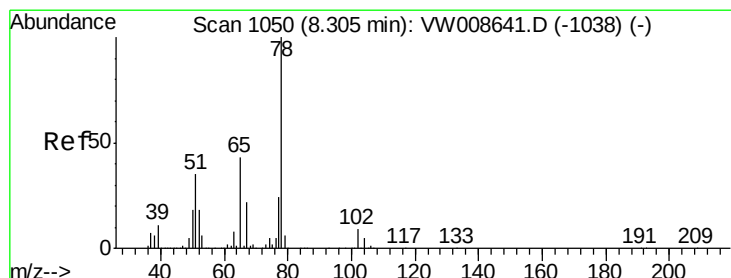
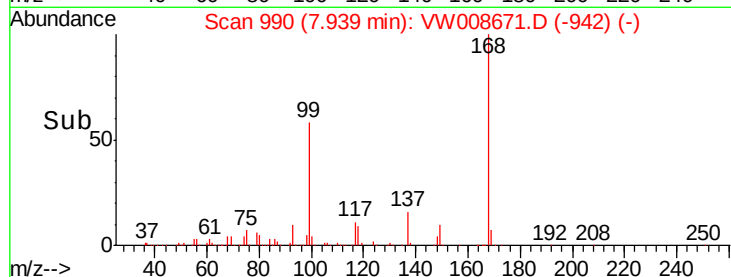
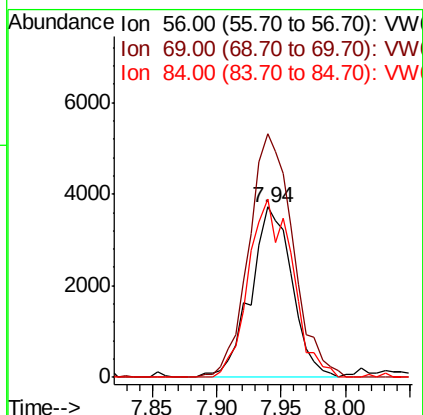
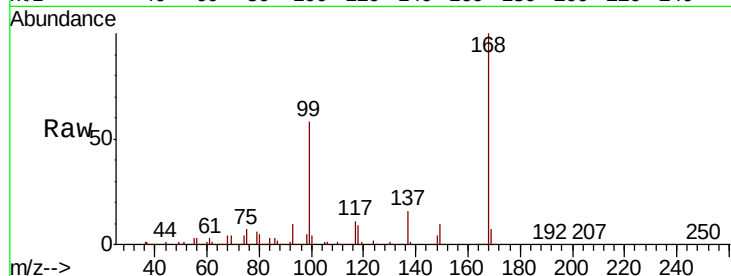




#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008671.D
Acq: 14 Feb 2019 17:27

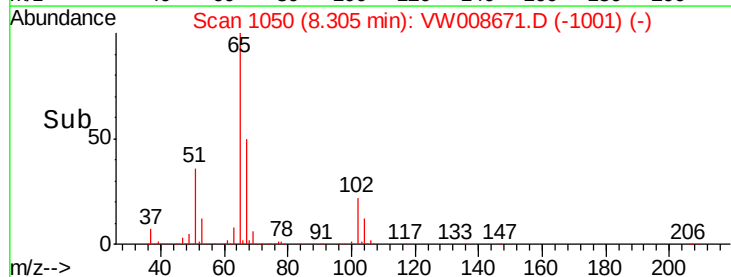
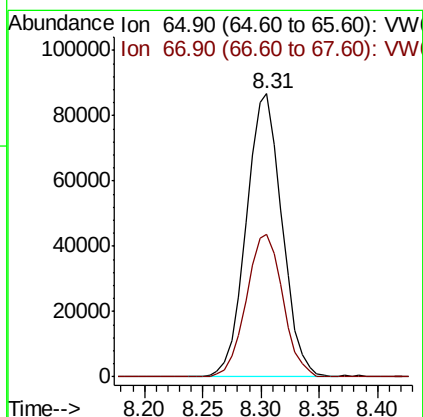
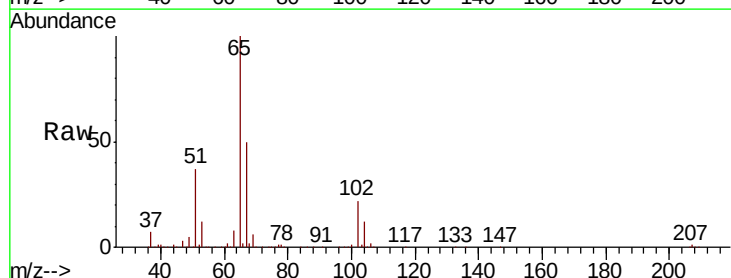
Instrument :
MSVOA_W
ClientSampleId :
M-3-S

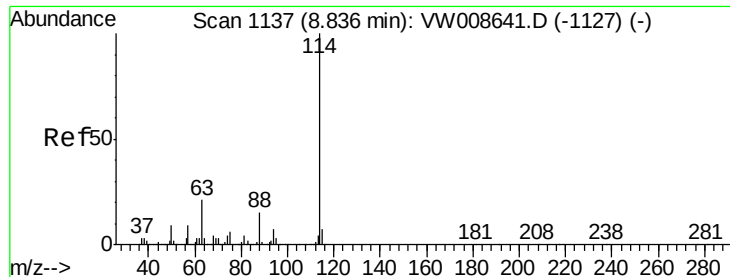
Tgt Ion: 56 Resp: 8304
Ion Ratio Lower Upper
56 100
69 142.8 26.4 39.6#
84 104.8 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 52.257 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008671.D
Acq: 14 Feb 2019 17:27

Tgt Ion: 65 Resp: 185765
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008671.D

Acq: 14 Feb 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

M-3-S

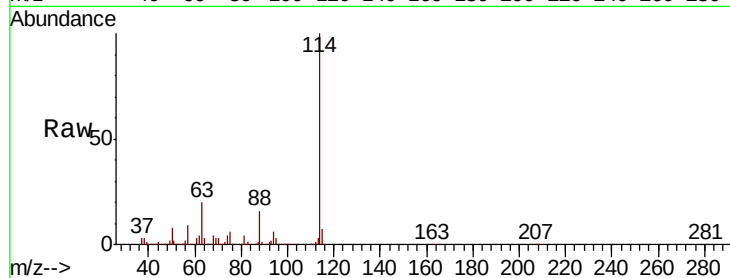
Tgt Ion:114 Resp: 504587

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.2

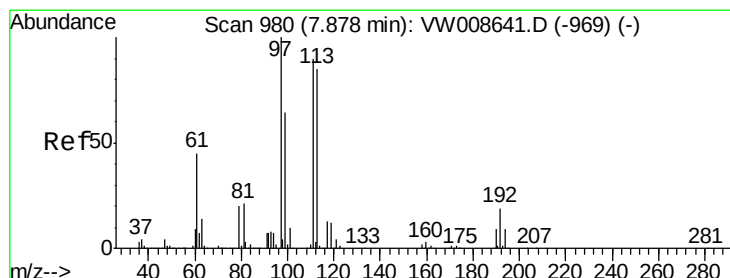
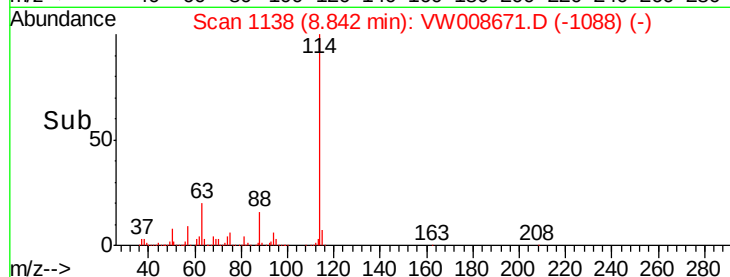
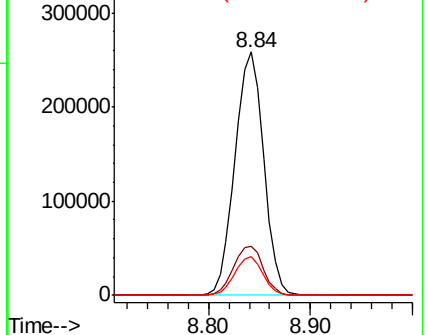
88 16.0 0.0 29.6



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: 51.032 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008671.D

Acq: 14 Feb 2019 17:27

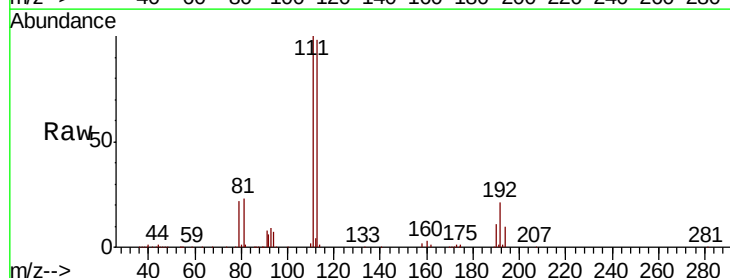
Tgt Ion:113 Resp: 159893

Ion Ratio Lower Upper

113 100

111 101.0 84.0 126.0

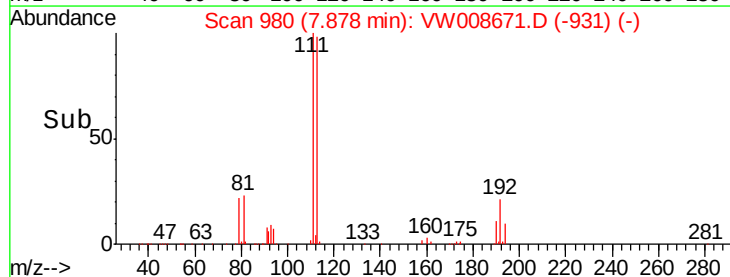
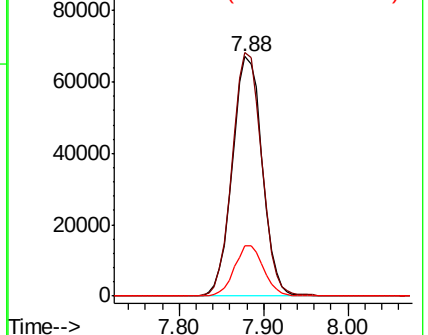
192 20.6 17.4 26.2

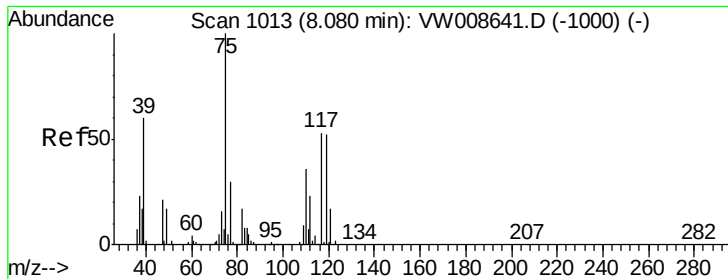


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

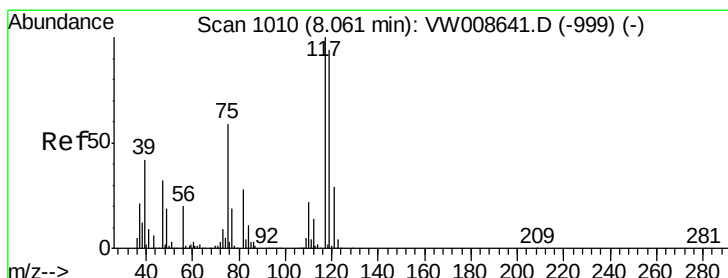
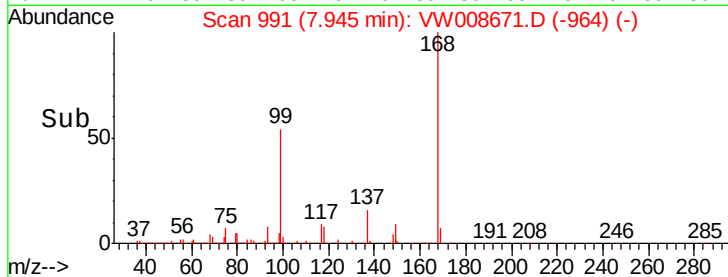
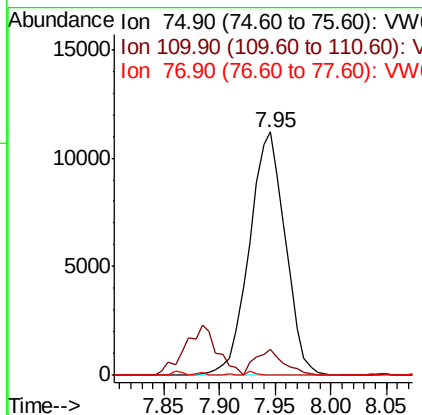
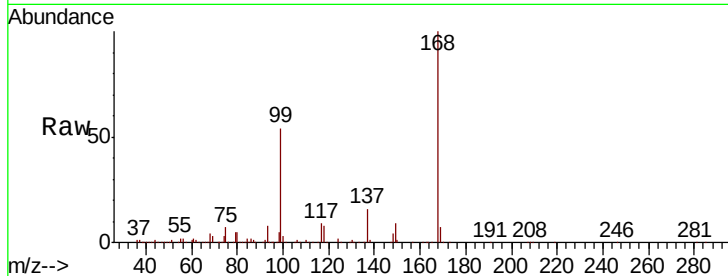




#36
 1,1-Dichloropropene
 Concen: 4.971 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008671.D
 Acq: 14 Feb 2019 17:27

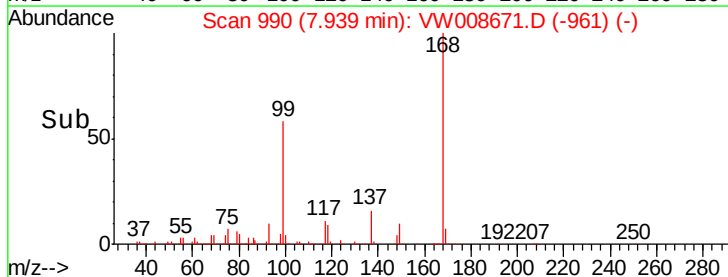
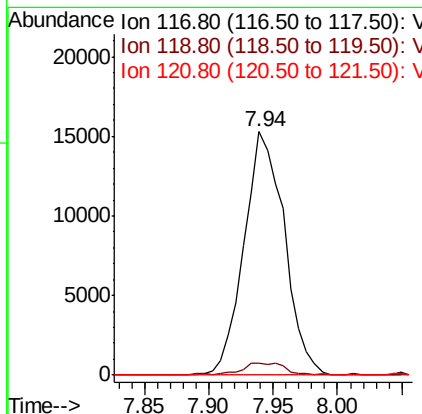
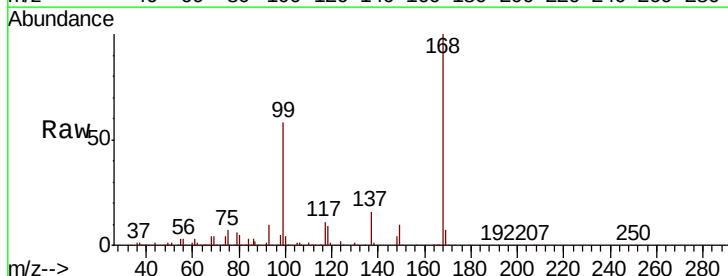
Instrument :
 MSVOA_W
 ClientSampleId :
 M-3-S

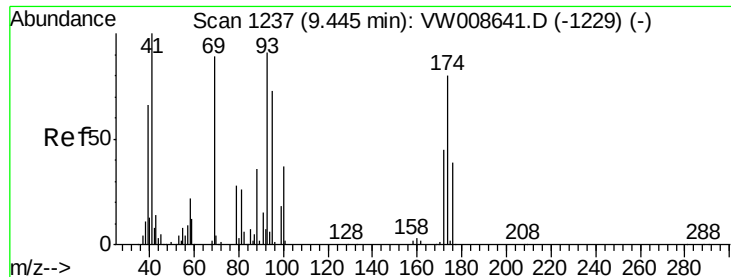
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.8	53.3#
77	0.6	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.567 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.12 min
 Lab File: VW008671.D
 Acq: 14 Feb 2019 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.1	112.7#
121	0.0	23.5	35.3#





#49

1,4-Dioxane

Concen: 3.020 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.04 min

Lab File: VW008671.D

Acq: 14 Feb 2019 17:27

Instrument :

MSVOA_W

ClientSampled :

M-3-S

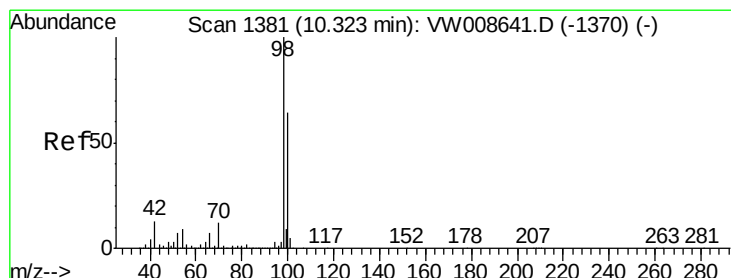
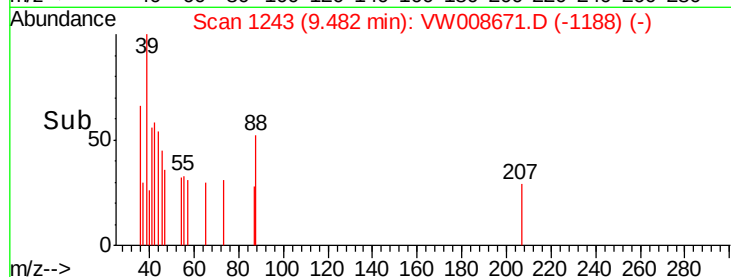
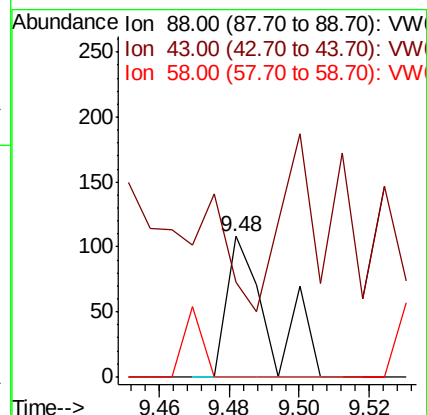
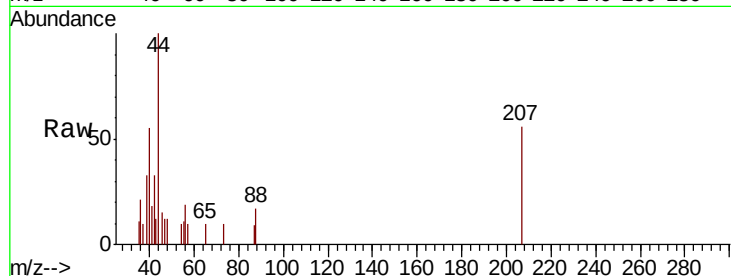
Tgt Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.6#

58 22.0 57.0 85.6#



#50

Toluene-d8

Concen: 49.484 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008671.D

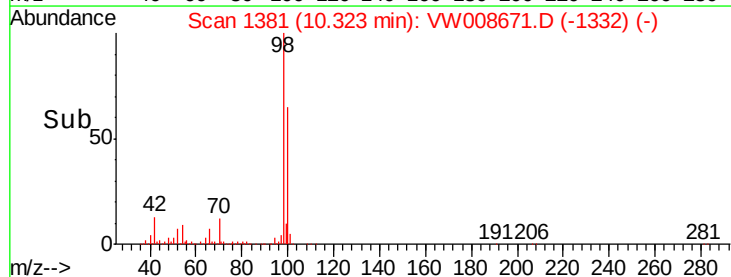
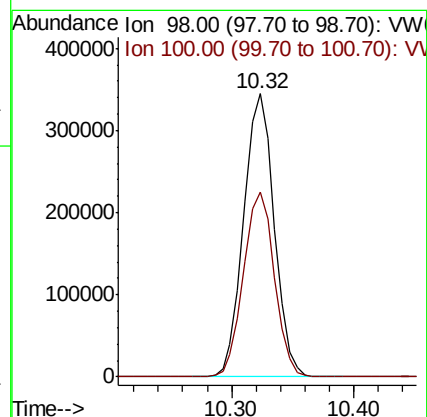
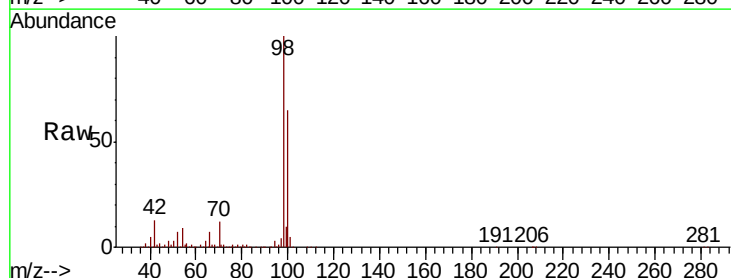
Acq: 14 Feb 2019 17:27

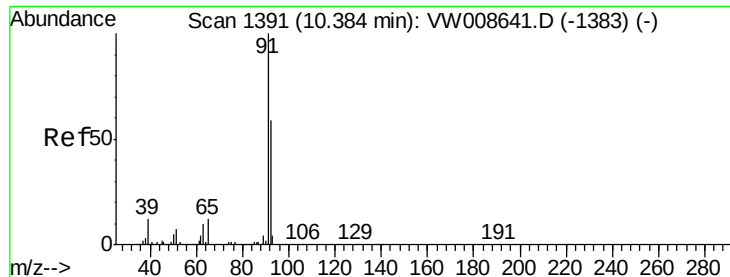
Tgt Ion: 98 Resp: 597671

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.4





#52

Toluene

Concen: 2.684 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008671.D

Acq: 14 Feb 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

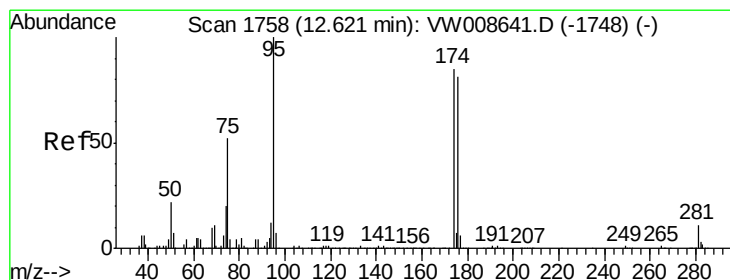
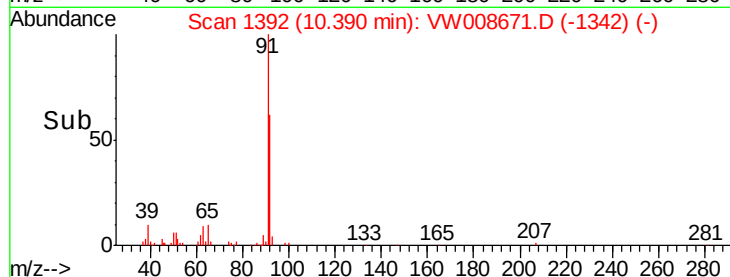
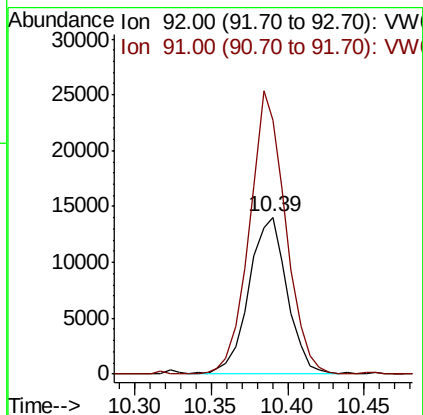
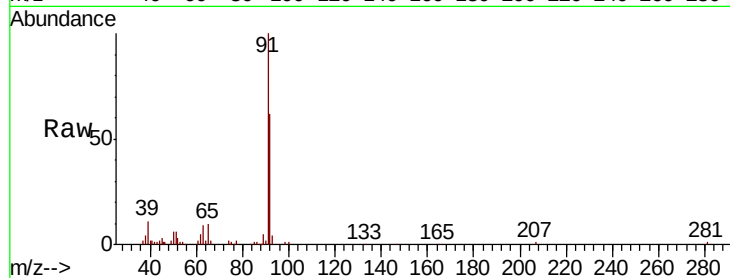
M-3-S

Tgt Ion: 92 Resp: 23973

Ion Ratio Lower Upper

92 100

91 173.1 135.8 203.6



#62

4-Bromofluorobenzene

Concen: 46.180 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008671.D

Acq: 14 Feb 2019 17:27

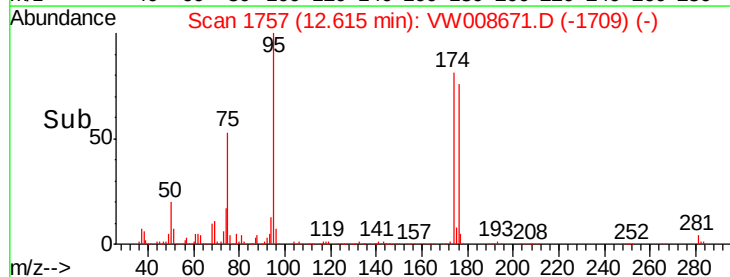
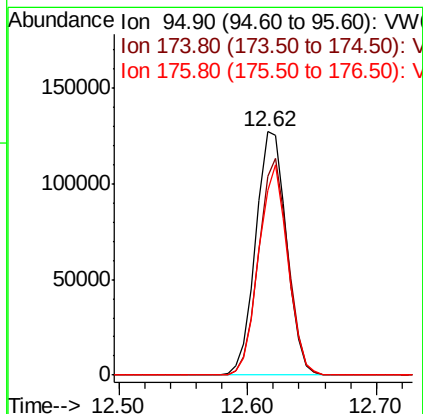
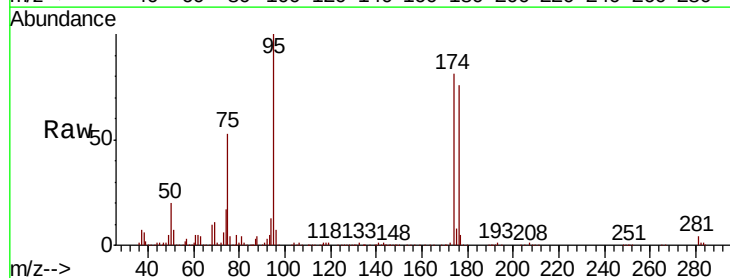
Tgt Ion: 95 Resp: 210092

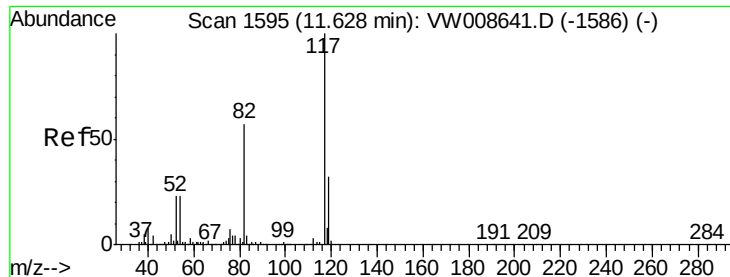
Ion Ratio Lower Upper

95 100

174 85.4 0.0 163.2

176 82.0 0.0 158.0

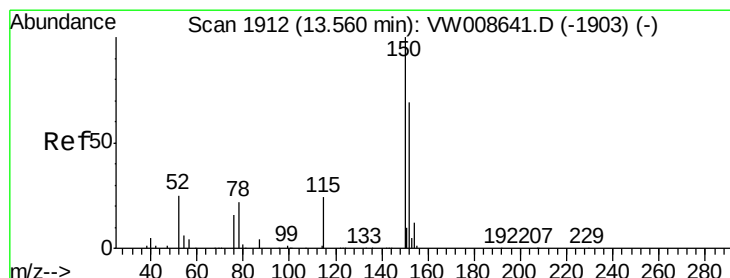
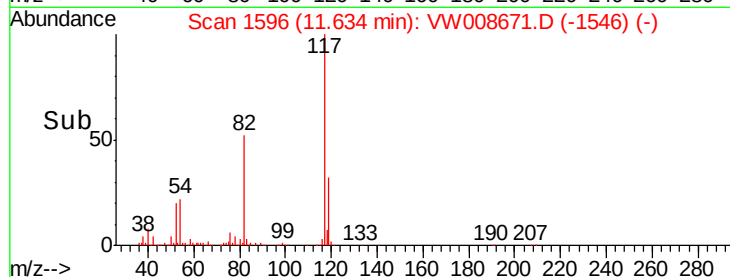
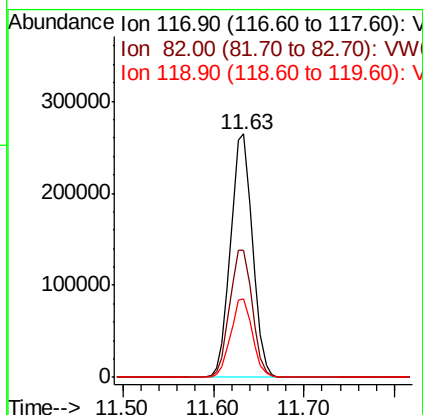
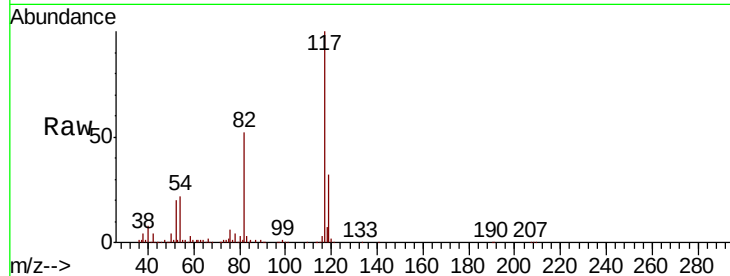




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008671.D
Acq: 14 Feb 2019 17:27

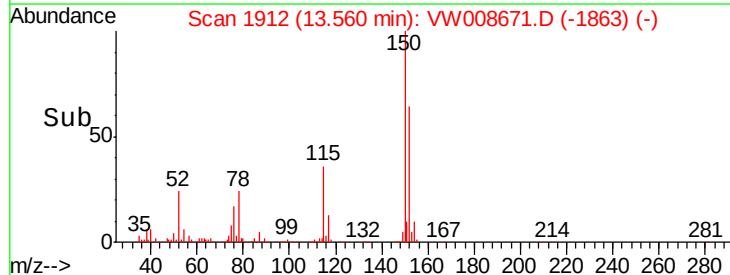
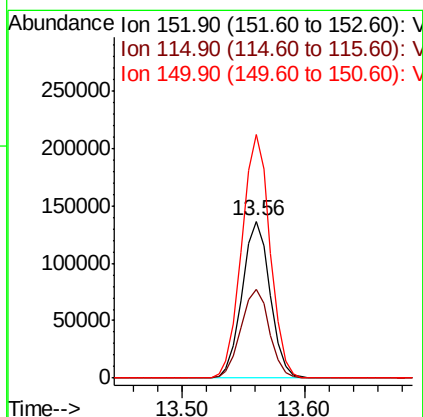
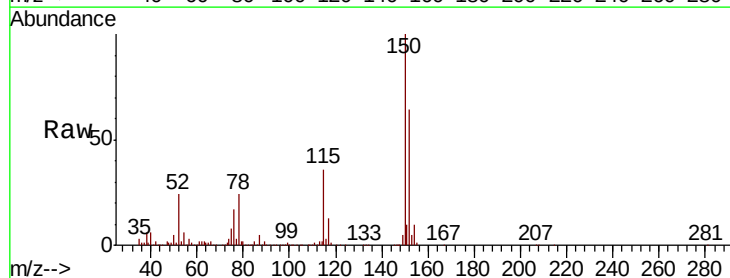
Instrument :
MSVOA_W
ClientSampleId :
M-3-S

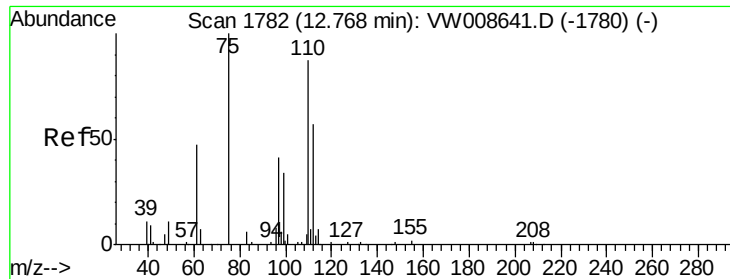
Tgt Ion:117 Resp: 443850
Ion Ratio Lower Upper
117 100
82 52.1 45.6 68.4
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008671.D
Acq: 14 Feb 2019 17:27

Tgt Ion:152 Resp: 216478
Ion Ratio Lower Upper
152 100
115 57.6 29.3 87.8
150 157.4 0.0 352.8





#76

1,2,3-Trichloropropane

Concen: 50.686 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008671.D

Acq: 14 Feb 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

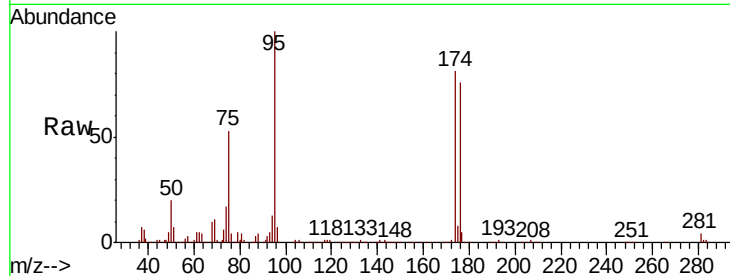
M-3-S

Tgt Ion: 75 Resp: 108348

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

12.62

80000

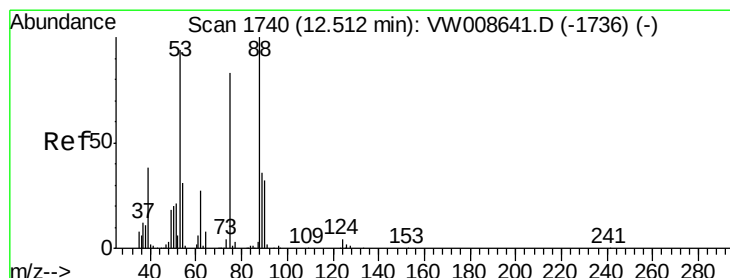
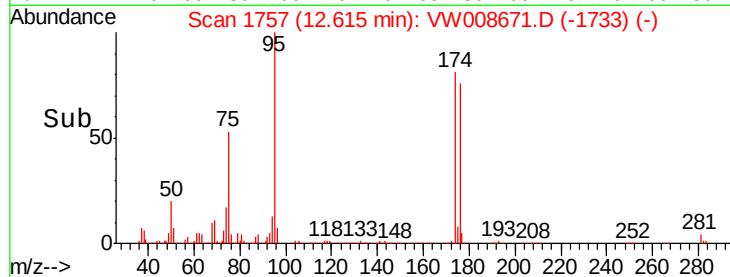
60000

40000

20000

0

Time--> 12.50 12.60 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 108.642 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008671.D

Acq: 14 Feb 2019 17:27

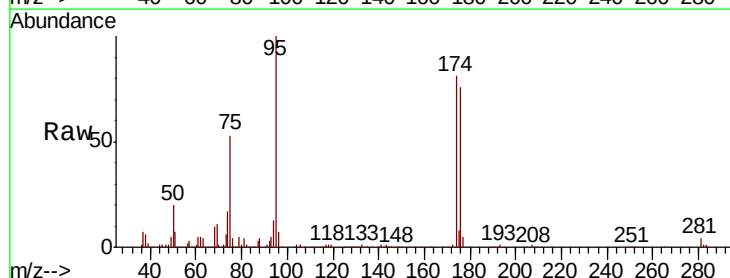
Tgt Ion: 75 Resp: 108348

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.0#

89 0.0 37.0 55.4#



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

12.62

80000

60000

40000

20000

0

Time--> 12.50 12.60 12.70

