

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061518\
 Data File : VW003305.D
 Acq On : 15 Jun 2018 21:02
 Operator : SY/AP
 Sample : J3481-04
 Misc : 11.15G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 16 03:49:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	148653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	242741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	217220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	95323	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	121266	75.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	150.62%	
35) Dibromofluoromethane	7.88	113	99645	66.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	132.12%	
50) Toluene-d8	10.33	98	334489	55.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.86%	
62) 4-Bromofluorobenzene	12.63	95	107832	50.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.90%	

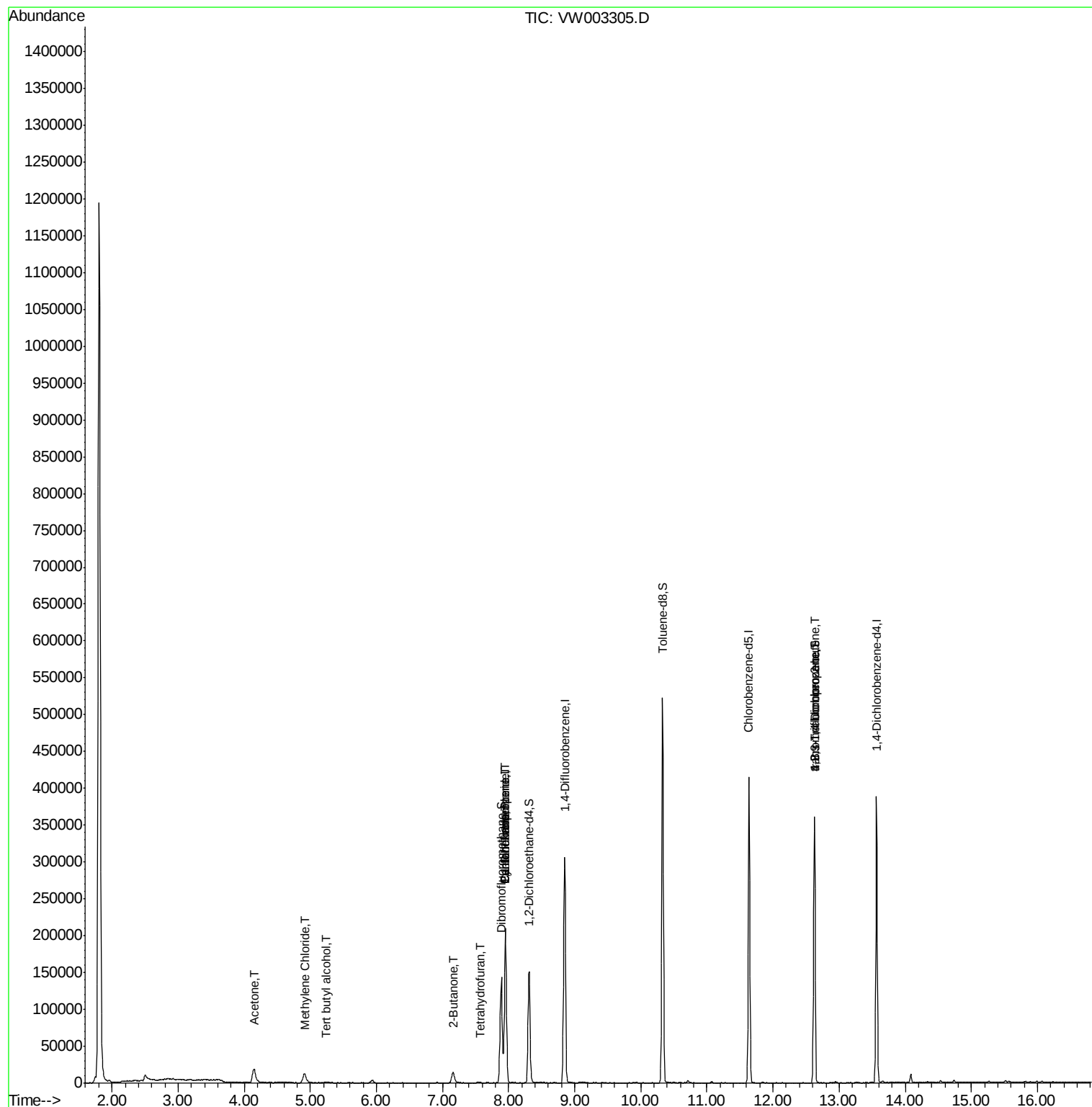
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.25	59	529	6.126	ug/l #	84
16) Acetone	4.15	43	40239	119.158	ug/l	98
20) Methylene Chloride	4.92	84	9863	3.459	ug/l	96
25) 2-Butanone	7.15	43	904	2.153	ug/l #	50
29) Tetrahydrofuran	7.57	42	545	2.124	ug/l #	65
31) Cyclohexane	7.95	56	3687	1.417	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	12276	5.237	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14953	6.503	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	58781	72.133	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	58781	165.981	ug/l #	8

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061518\
Data File : VW003305.D
Acq On : 15 Jun 2018 21:02
Operator : SY/AP
Sample : J3481-04
Misc : 11.15G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 16 03:49:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 08:20:43 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: VW003305.D

Acq: 15 Jun 2018 21:02

Instrument :

MSVOA_W

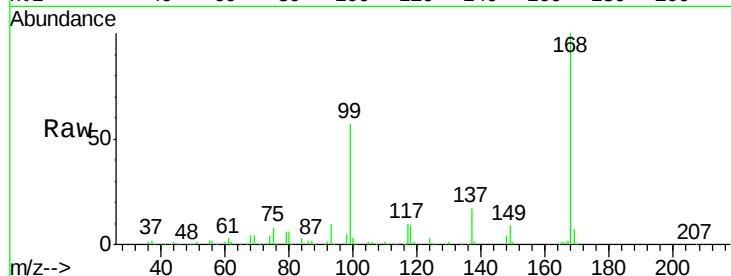
ClientSampleId :

Tot Ion:168 Resp: 148653

Ion Ratio Lower Upper

168 100

99 57.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

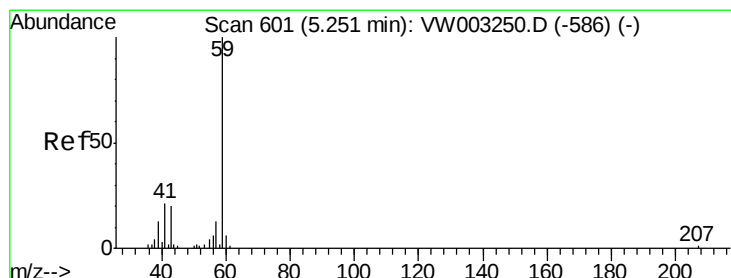
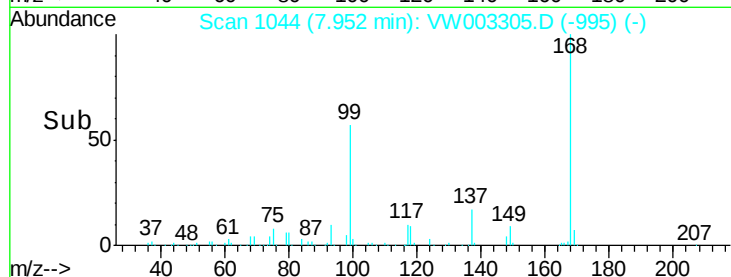
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 6.126 ug/l

RT: 5.25 min Scan# 600

Delta R.T. -0.01 min

Lab File: VW003305.D

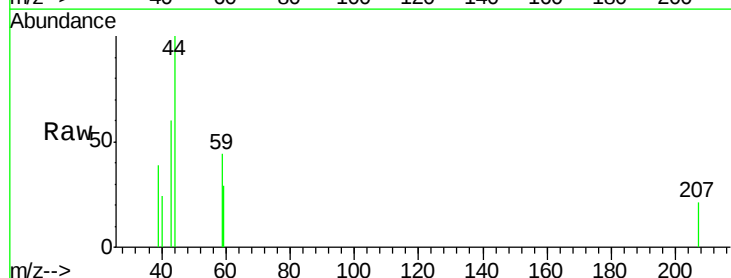
Acq: 15 Jun 2018 21:02

Tgt Ion: 59 Resp: 529

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.25

250

200

150

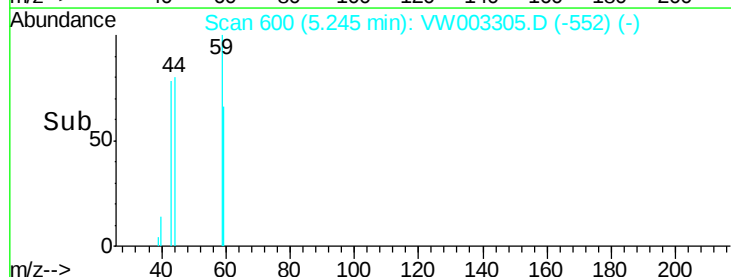
100

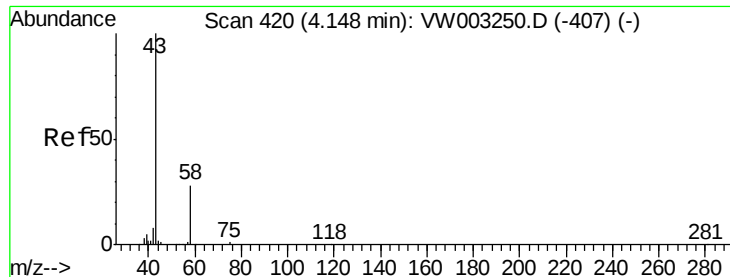
50

0

5.20 5.25 5.30

Time-->





#16

Acetone

Concen: 119.158 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003305.D

Acq: 15 Jun 2018 21:02

Instrument :

MSVOA_W

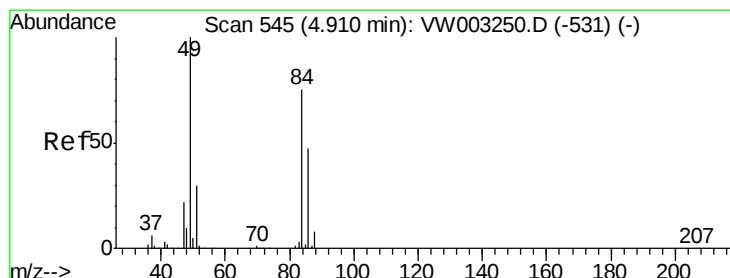
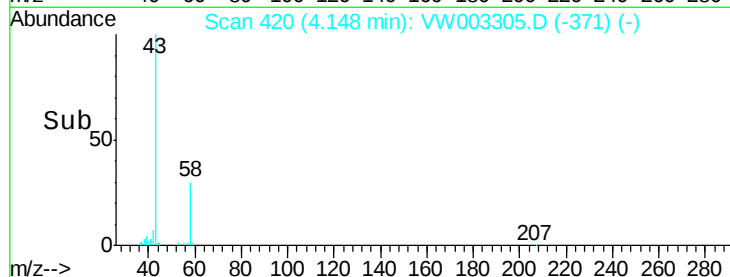
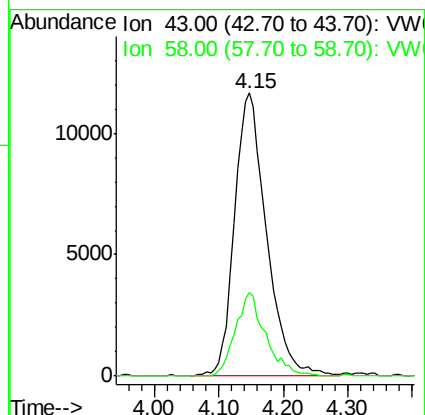
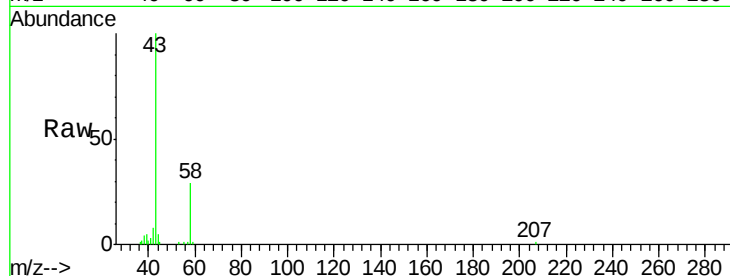
ClientSampleId :

Tot Ion: 43 Resp: 40239

Ion Ratio Lower Upper

43 100

58 29.5 22.6 34.0



#20

Methylene Chloride

Concen: 3.459 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003305.D

Acq: 15 Jun 2018 21:02

Tgt Ion: 84 Resp: 9863

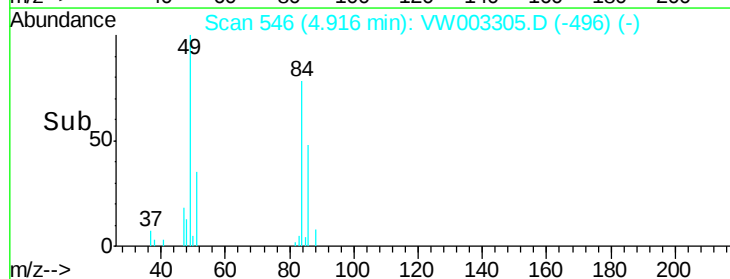
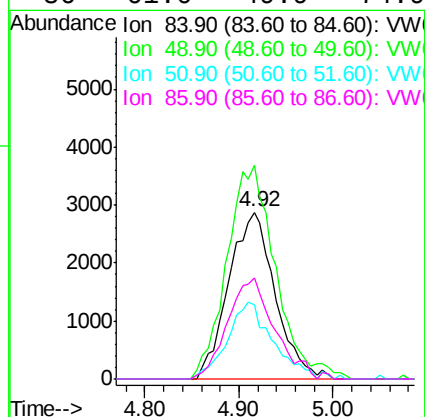
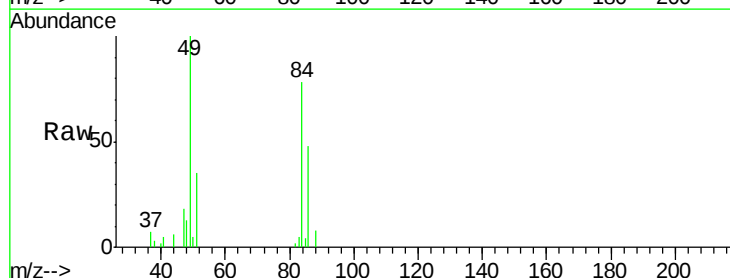
Ion Ratio Lower Upper

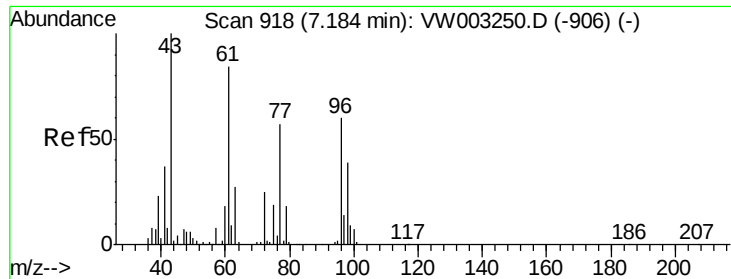
84 100

49 128.3 106.3 159.5

51 44.7 32.0 48.0

86 61.0 49.9 74.9





#25

2-Butanone

Concen: 2.153 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW003305.D

Acq: 15 Jun 2018 21:02

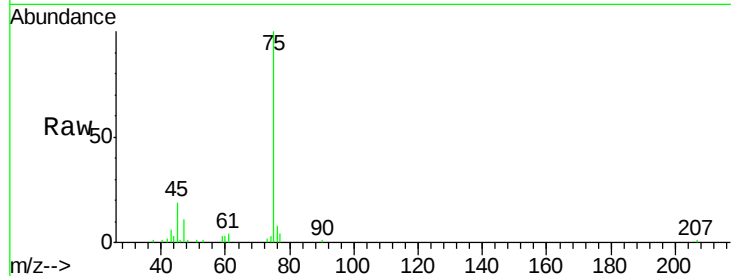
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 904

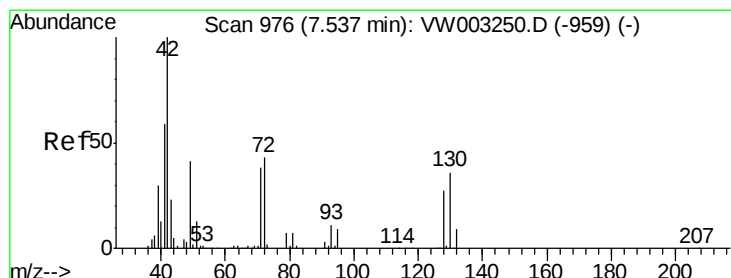
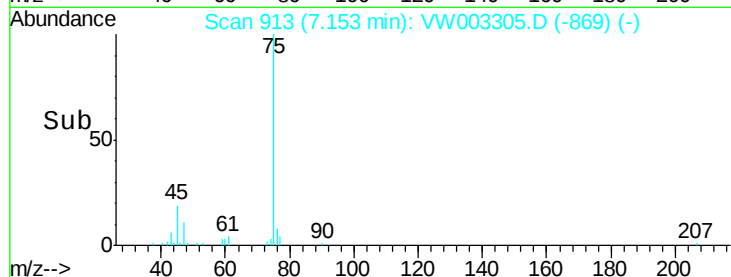
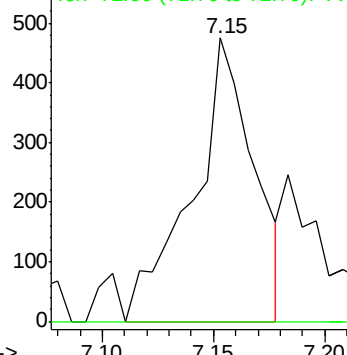
Ion Ratio Lower Upper

43 100

72 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 2.124 ug/l

RT: 7.57 min Scan# 981

Delta R.T. 0.03 min

Lab File: VW003305.D

Acq: 15 Jun 2018 21:02

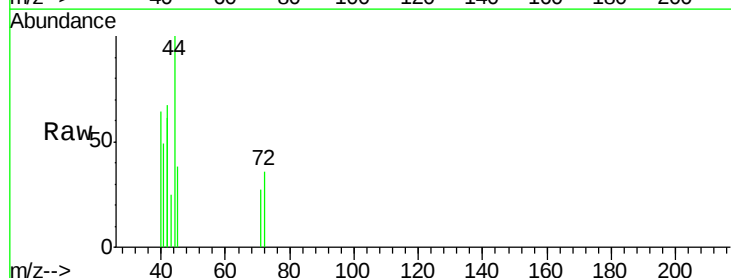
Tgt Ion: 42 Resp: 545

Ion Ratio Lower Upper

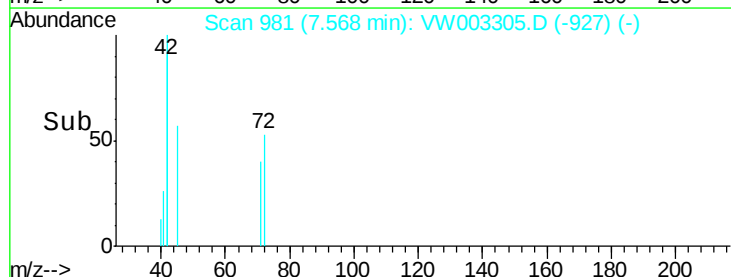
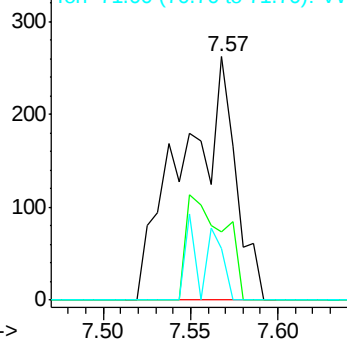
42 100

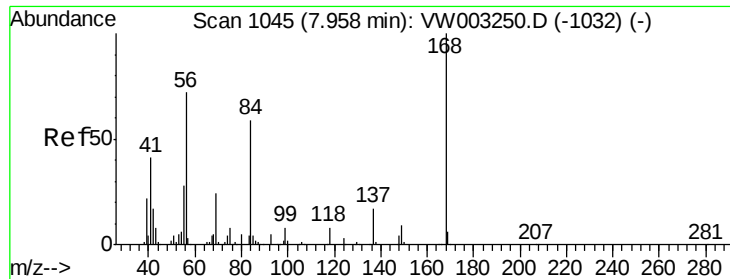
72 30.5 32.4 48.6#

71 6.2 31.2 46.8#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

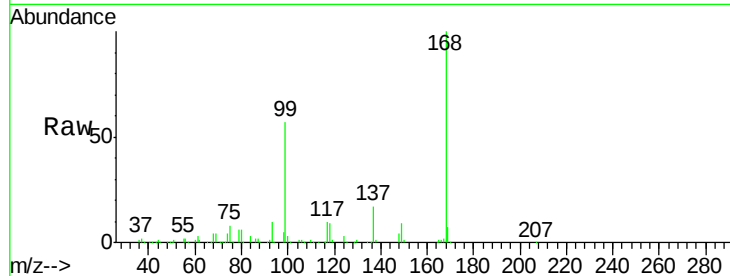




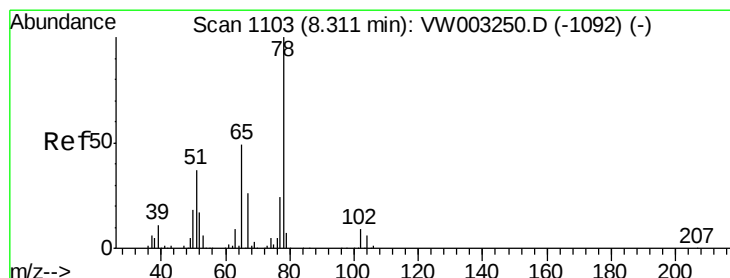
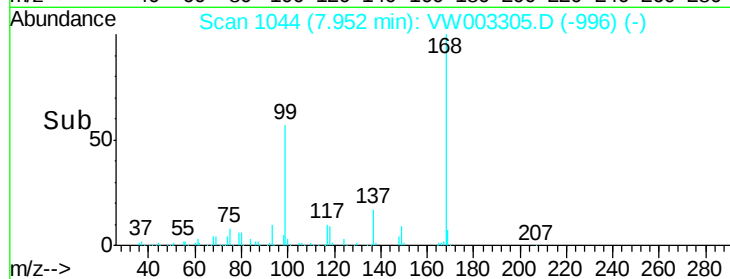
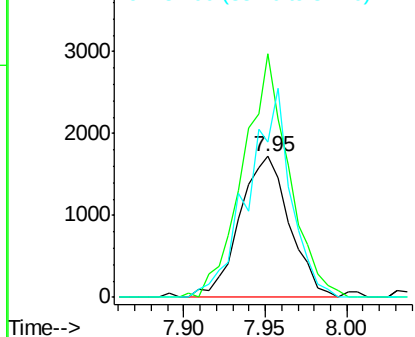
#31
Cyclohexane
Concen: 1.417 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003305.D
Acq: 15 Jun 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 3687
Ion Ratio Lower Upper
56 100
69 169.7 26.3 39.5#
84 109.9 65.7 98.5#

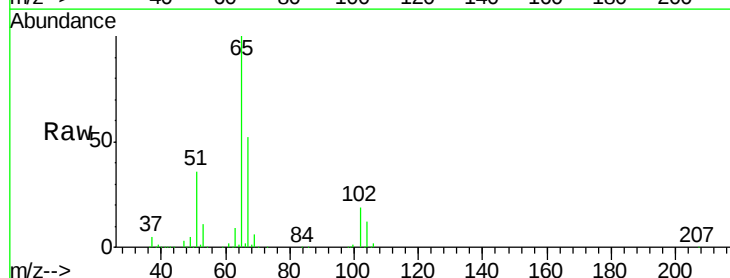


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

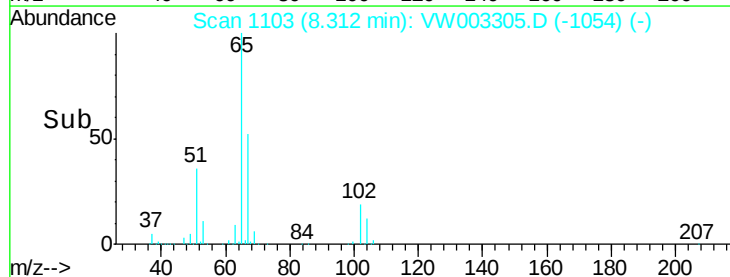
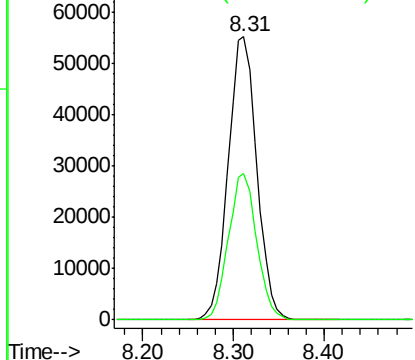


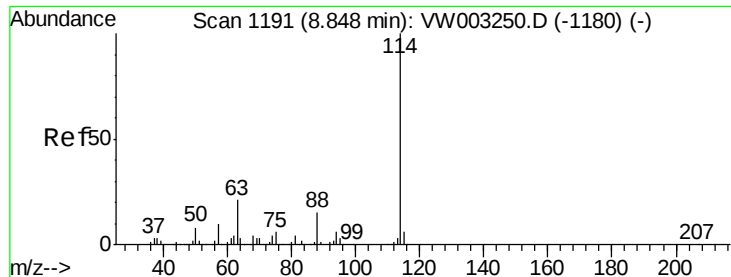
#33
1,2-Dichloroethane-d4
Concen: 75.314 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003305.D
Acq: 15 Jun 2018 21:02

Tgt Ion: 65 Resp: 121266
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.2



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

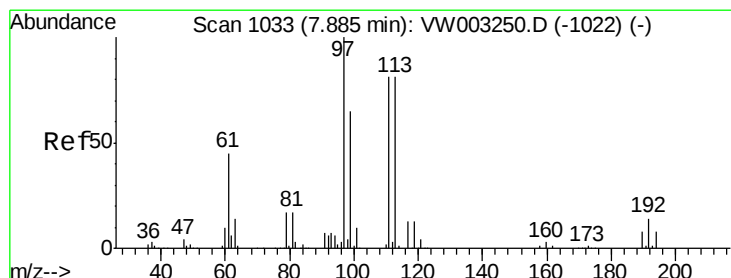
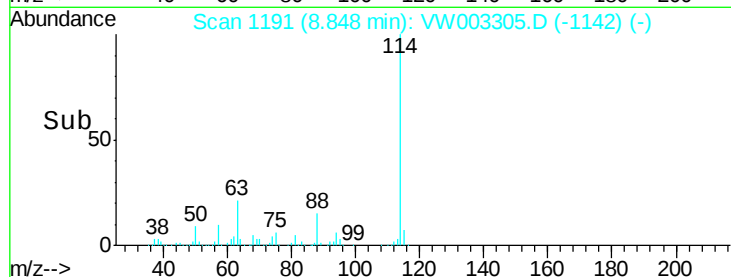
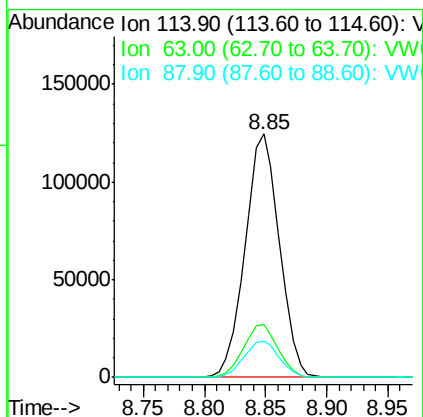
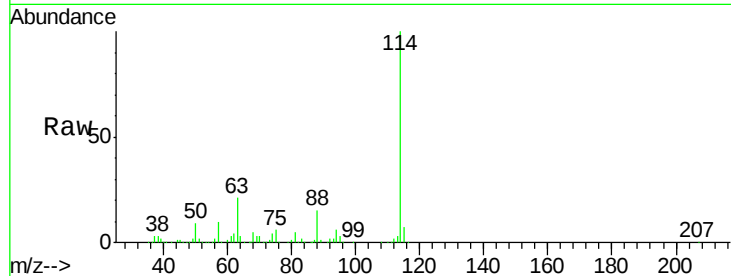




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003305.D
 Acq: 15 Jun 2018 21:02

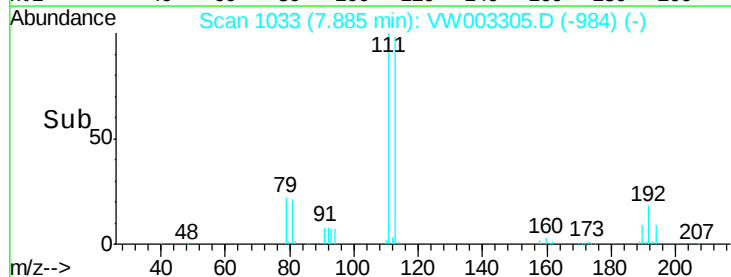
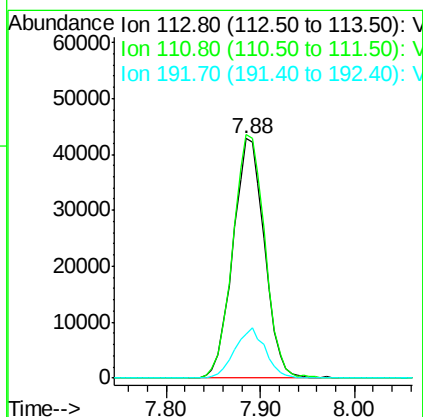
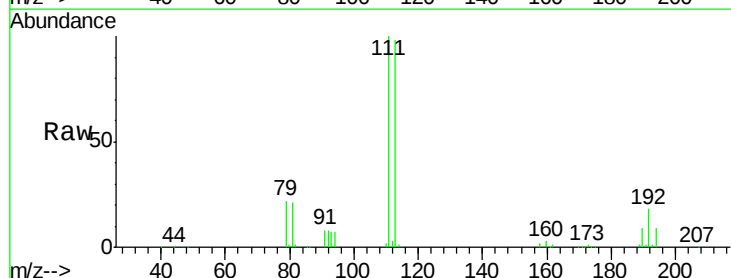
Instrument :
 MSVOA_W
 ClientSampleId :

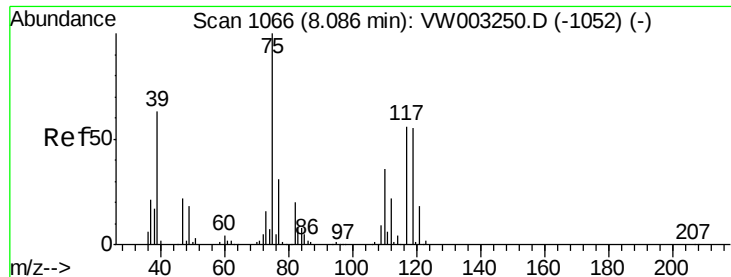
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	15.1	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 66.063 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003305.D
 Acq: 15 Jun 2018 21:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	20.3	16.2	24.2





#36

1,1-Dichloropropene

Concen: 5.237 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003305.D

Acq: 15 Jun 2018 21:02

Instrument :

MSVOA_W

ClientSampleId :

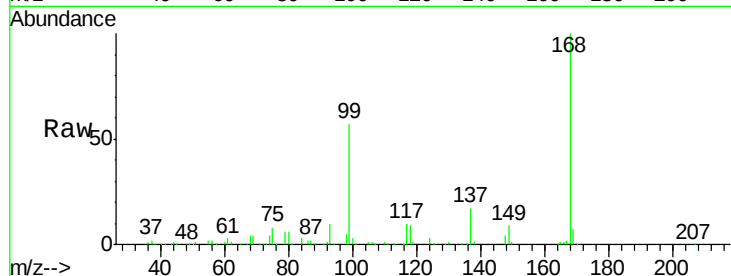
Tot Ion: 75 Resp: 12276

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.3#

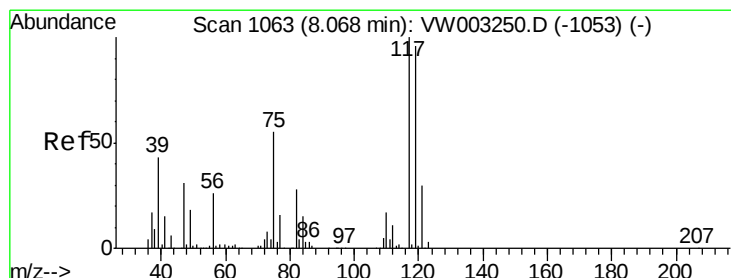
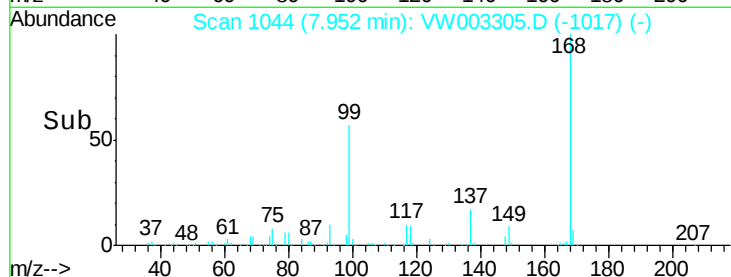
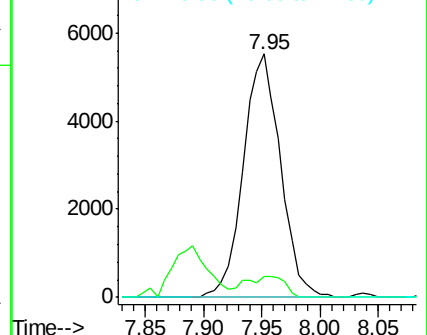
77 0.0 24.9 37.3#



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: 6.503 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003305.D

Acq: 15 Jun 2018 21:02

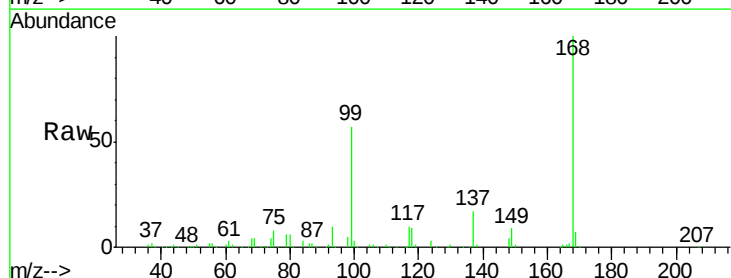
Tgt Ion: 117 Resp: 14953

Ion Ratio Lower Upper

117 100

119 7.7 76.6 115.0#

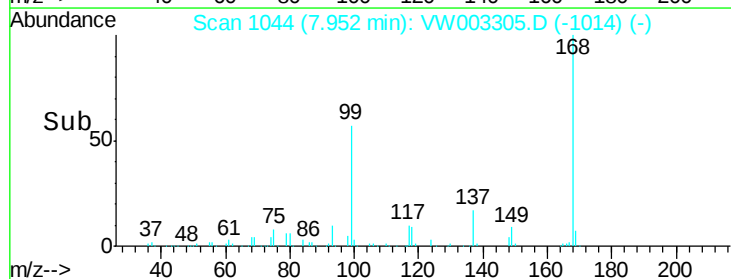
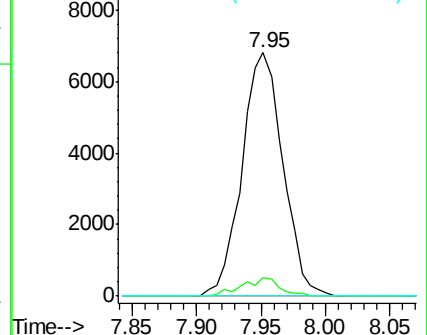
121 0.0 23.9 35.9#

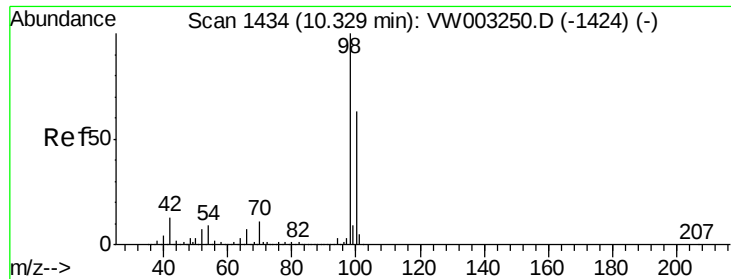


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 55.927 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003305.D

Acq: 15 Jun 2018 21:02

Instrument :

MSVOA_W

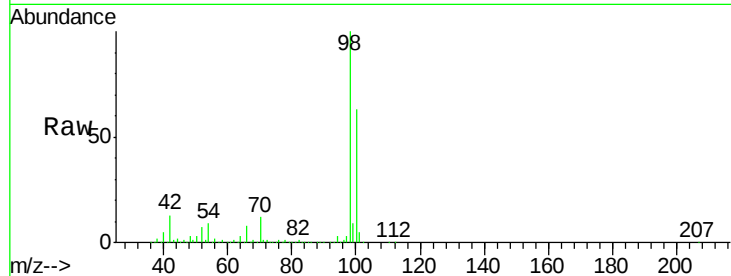
ClientSampleId :

Tot Ion: 98 Resp: 334489

Ion Ratio Lower Upper

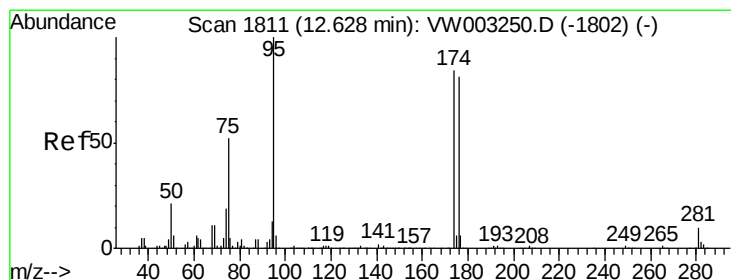
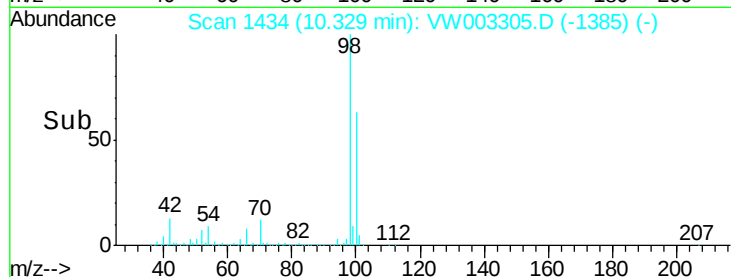
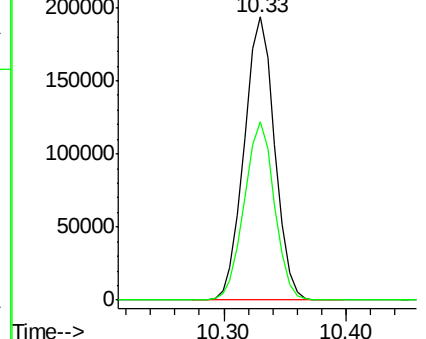
98 100

100 62.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 50.947 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003305.D

Acq: 15 Jun 2018 21:02

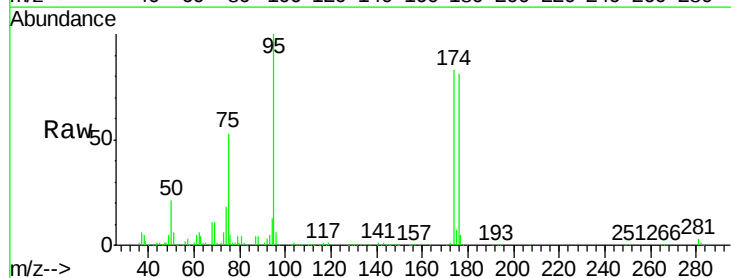
Tgt Ion: 95 Resp: 107832

Ion Ratio Lower Upper

95 100

174 83.9 0.0 166.4

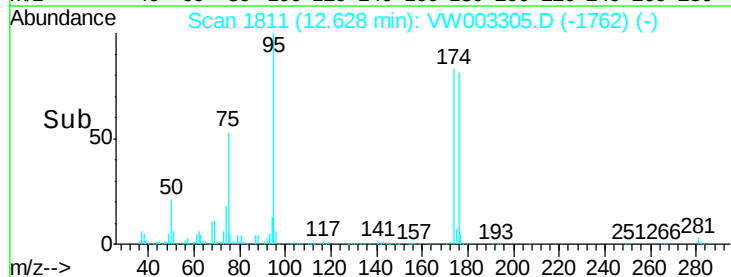
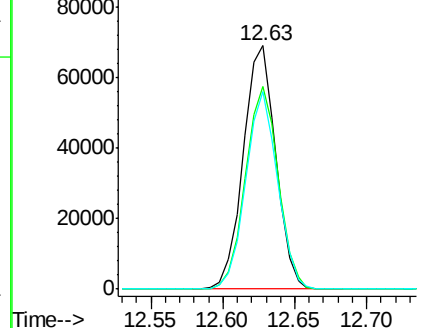
176 79.4 0.0 162.0

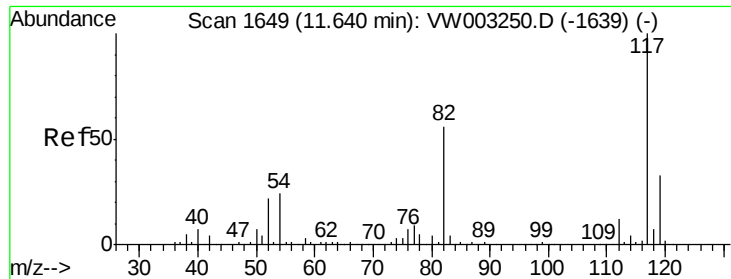


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

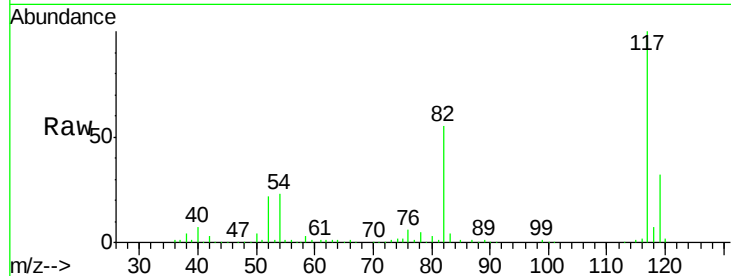




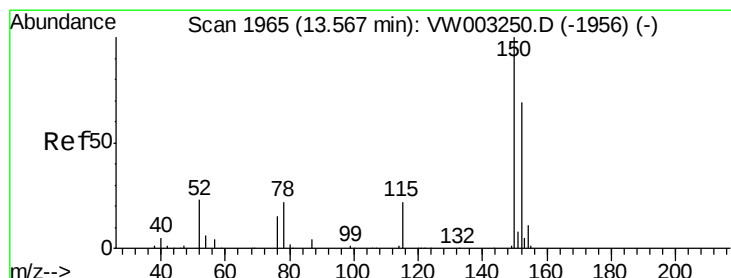
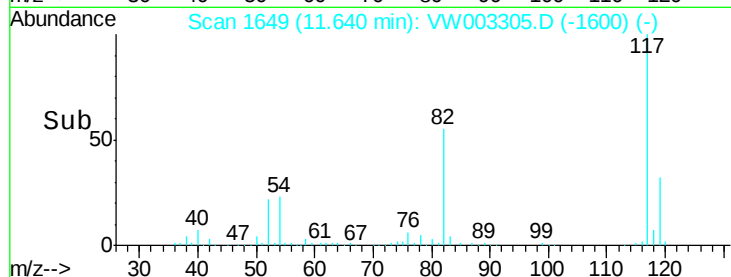
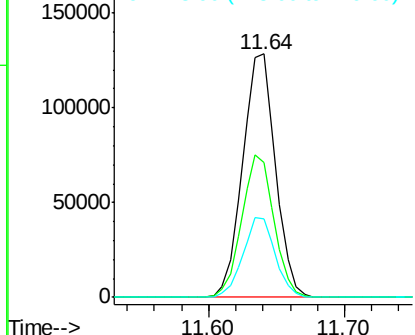
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003305.D
Acq: 15 Jun 2018 21:02

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 217220
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.4 26.7 40.1

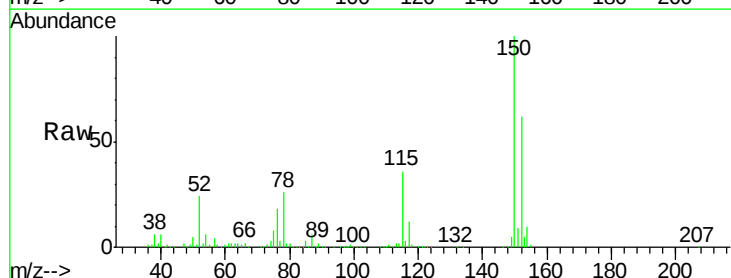


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

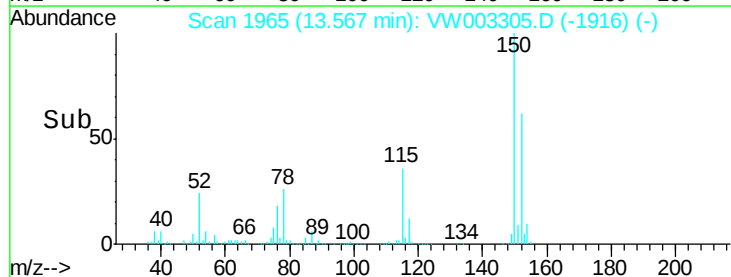
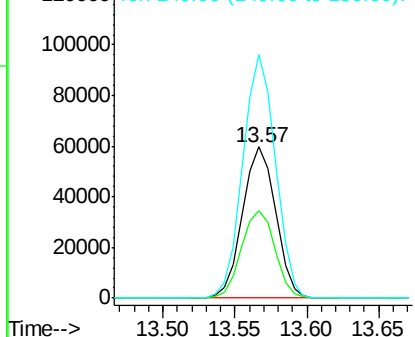


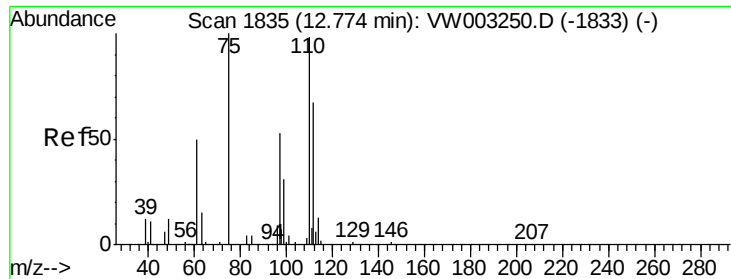
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003305.D
Acq: 15 Jun 2018 21:02

Tgt Ion:152 Resp: 95323
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 157.9 0.0 349.6



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: 72.133 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003305.D

Acq: 15 Jun 2018 21:02

Instrument :

MSVOA_W

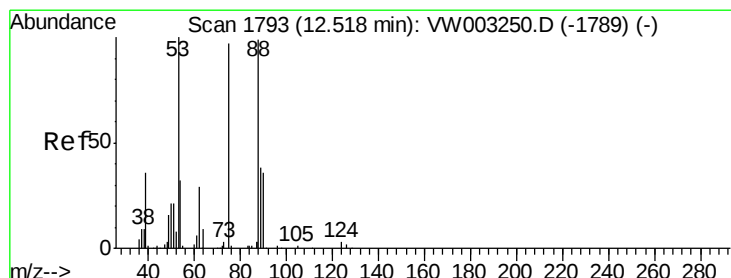
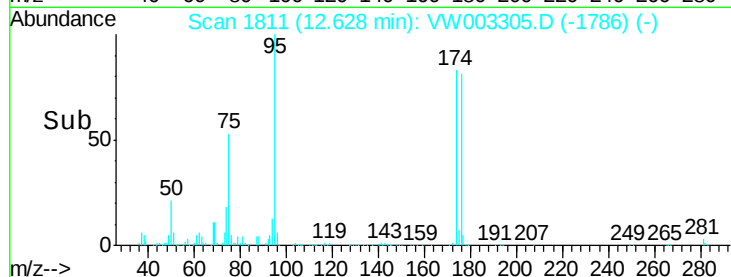
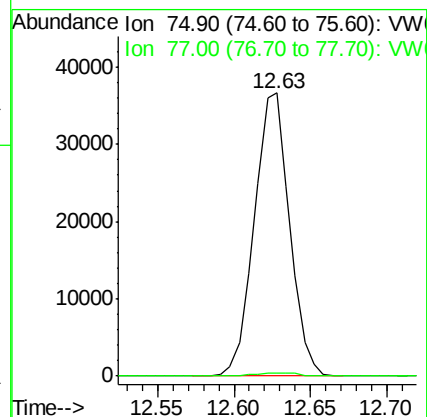
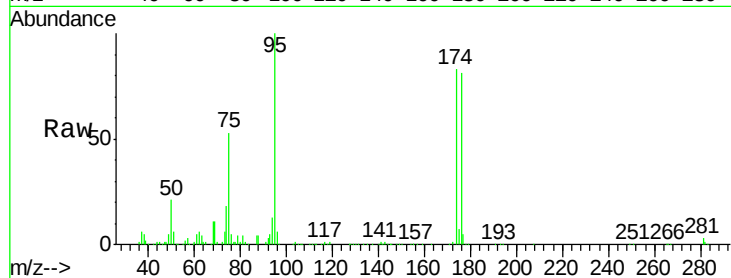
ClientSampleId :

Tot Ion: 75 Resp: 58781

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 165.981 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003305.D

Acq: 15 Jun 2018 21:02

Tgt Ion: 75 Resp: 58781

Ion Ratio Lower Upper

75 100

53 0.1 82.9 124.3#

89 0.0 36.7 55.1#

