

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006197.D
 Acq On : 19 Oct 2018 02:37
 Operator : VA/AP
 Sample : VW1018SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBL02

Quant Time: Oct 19 06:07:46 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	251705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	369917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	182419	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	107444	51.49	ug/l	0.00
Spiked Amount	50.000			Recovery	=	102.98%	
35) Dibromofluoromethane		7.88	113	105643	48.33	ug/l	0.00
Spiked Amount	50.000			Recovery	=	96.66%	
50) Toluene-d8		10.33	98	398626	47.93	ug/l	0.00
Spiked Amount	50.000			Recovery	=	95.86%	
62) 4-Bromofluorobenzene		12.62	95	148994	47.70	ug/l	0.00
Spiked Amount	50.000			Recovery	=	95.40%	

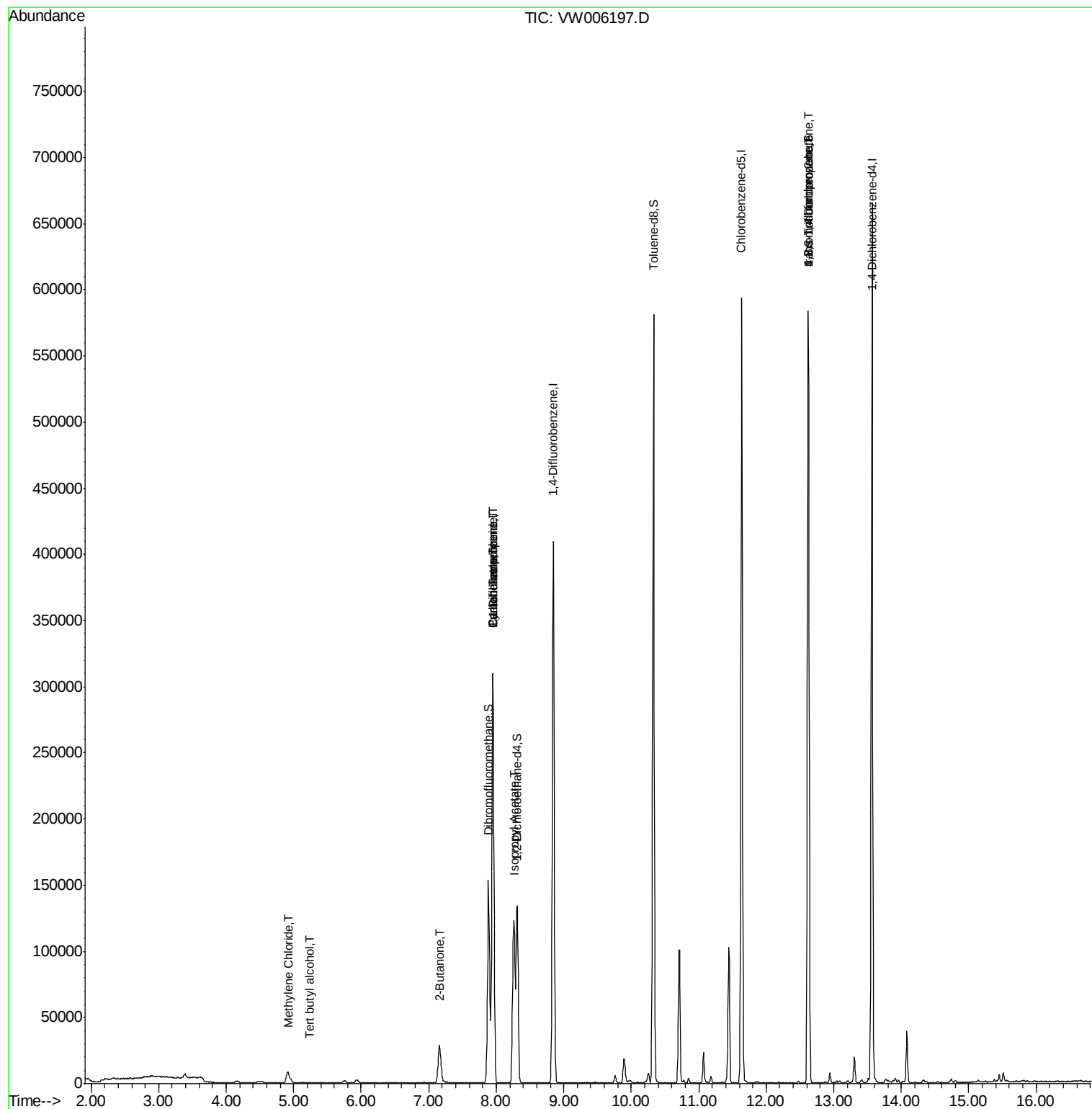
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	513	3.655	ug/l #	71
16) Acetone	4.15	43	1374	Below Cal		96
20) Methylene Chloride	4.92	84	7085	1.634	ug/l #	84
25) 2-Butanone	7.15	43	1830	3.246	ug/l #	74
31) Cyclohexane	7.95	56	4591	1.202	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	16707	4.900	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23169	6.199	ug/l #	16
43) Isopropyl Acetate	8.26	43	2790	1.077	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	76470	54.883	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76470	131.193	ug/l #	10

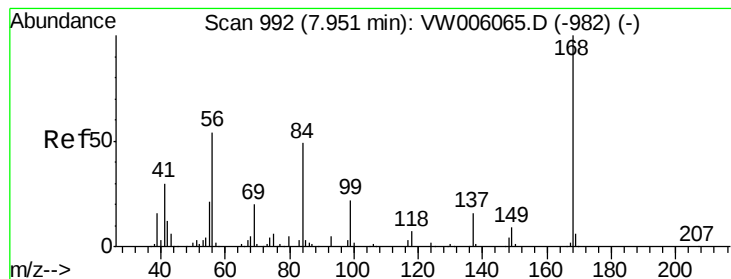
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 06:07:46 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: VW006197.D

Acq: 19 Oct 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

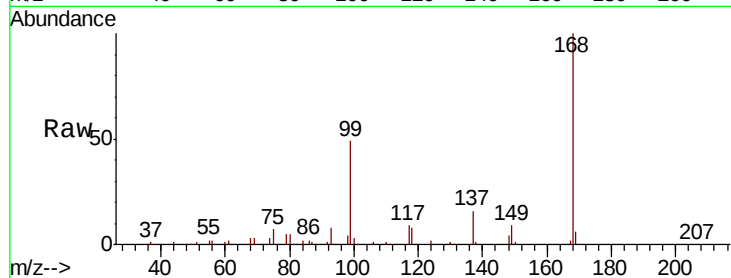
VW1018SBL02

Tot Ion:168 Resp: 251705

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

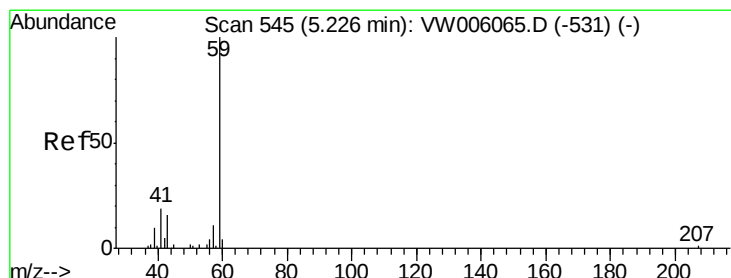
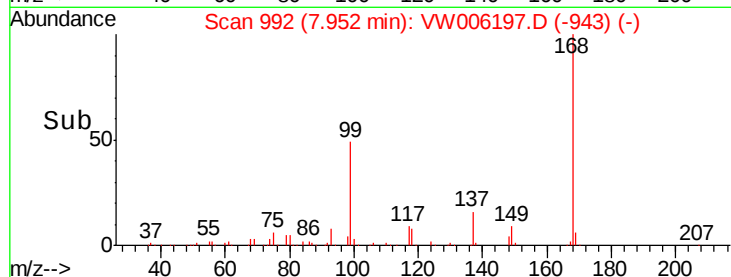
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.655 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW006197.D

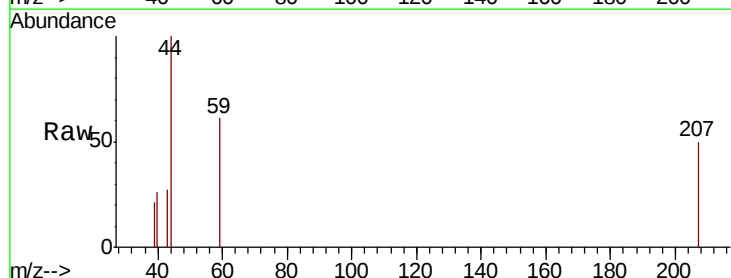
Acq: 19 Oct 2018 02:37

Tgt Ion: 59 Resp: 513

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

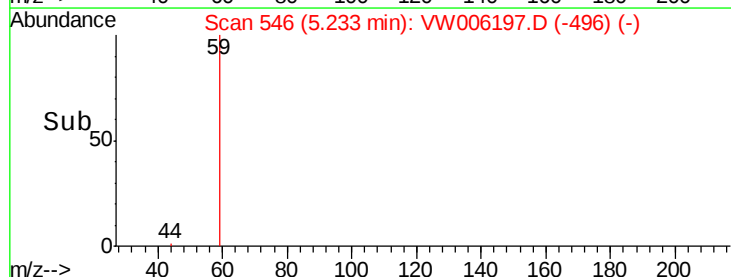
150

100

50

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

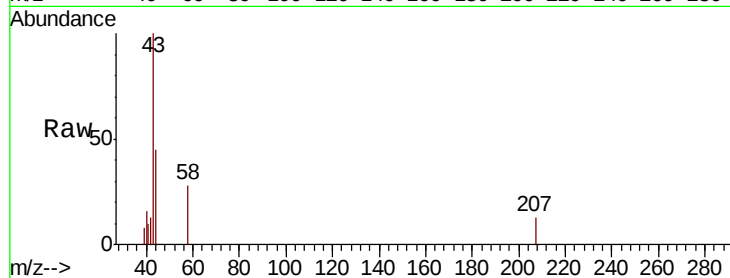
VW1018SBL02

Tot Ion: 43 Resp: 1374

Ion Ratio Lower Upper

43 100

58 27.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

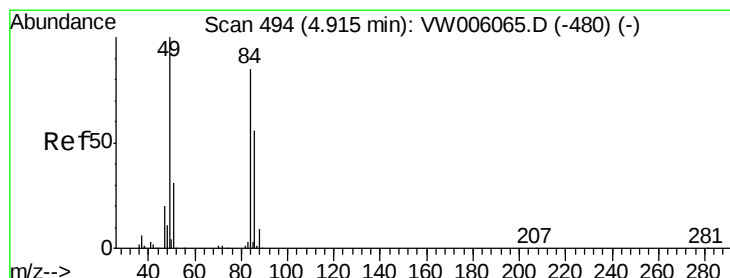
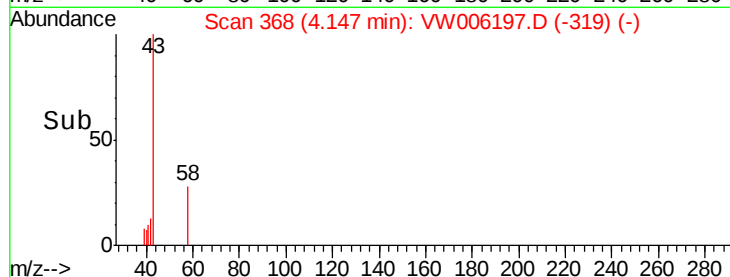
600

400

200

0

Time--> 4.05 4.10 4.15



#20

Methylene Chloride

Concen: 1.634 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

Tgt Ion: 84 Resp: 7085

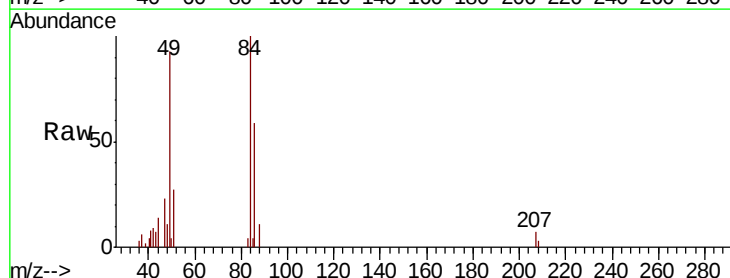
Ion Ratio Lower Upper

84 100

49 93.3 93.6 140.4#

51 27.4 29.0 43.4#

86 59.4 52.6 79.0



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

4.92

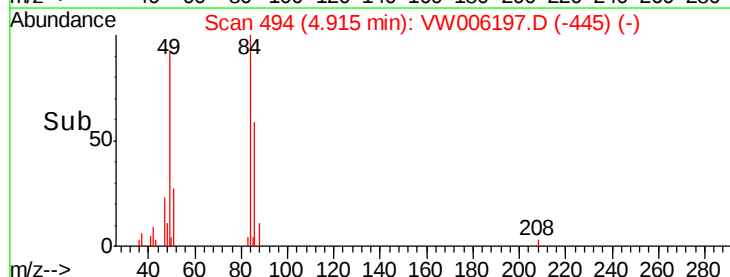
3000

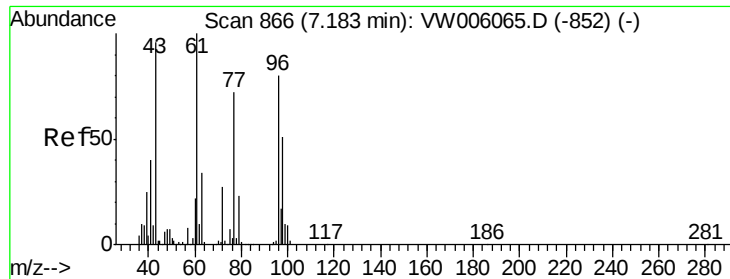
2000

1000

0

Time--> 4.80 4.90 5.00





#25

2-Butanone

Concen: 3.246 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

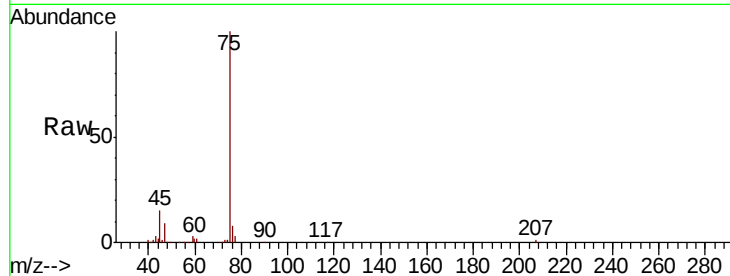
VW1018SBL02

Tot Ion: 43 Resp: 1830

Ion Ratio Lower Upper

43 100

72 14.8 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

600

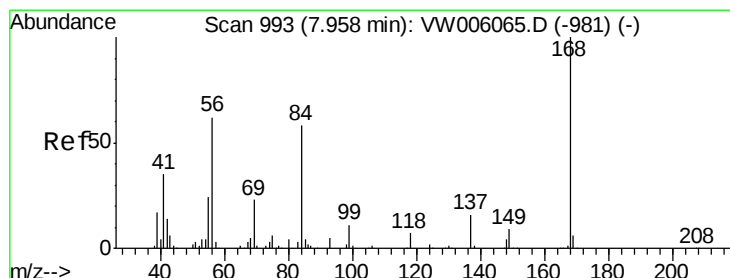
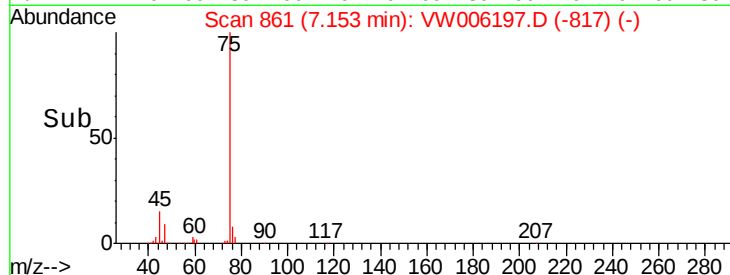
400

200

0

7.10 7.20

Time-->



#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

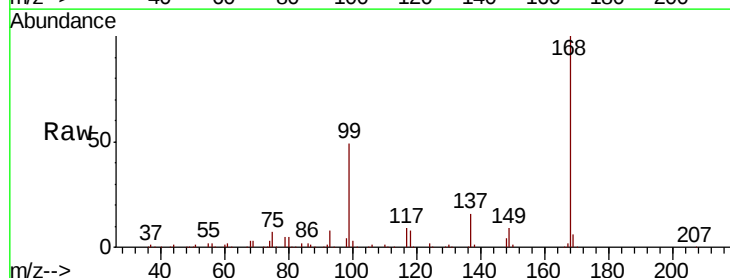
Tgt Ion: 56 Resp: 4591

Ion Ratio Lower Upper

56 100

69 161.7 29.4 44.0#

84 124.6 74.0 111.0#



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

4000

3000

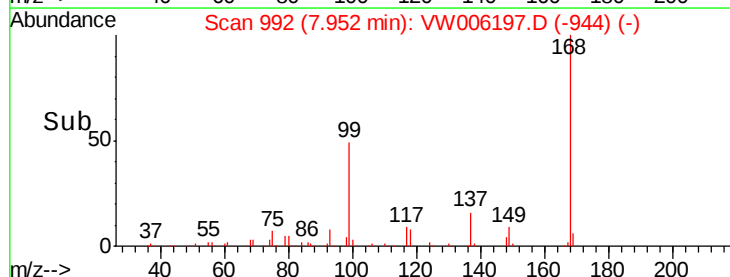
2000

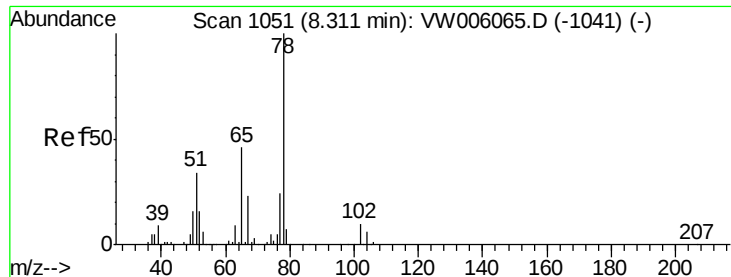
1000

0

7.85 7.90 7.95 8.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.488 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

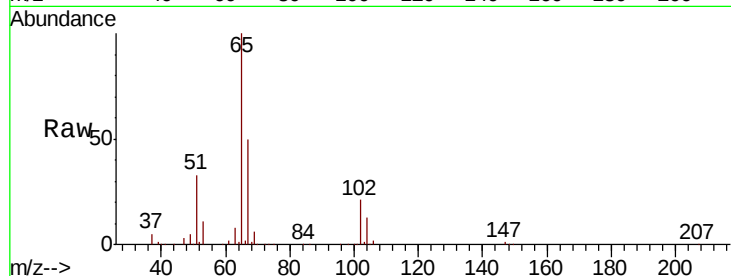
VW1018SBL02

Tot Ion: 65 Resp: 107444

Ion Ratio Lower Upper

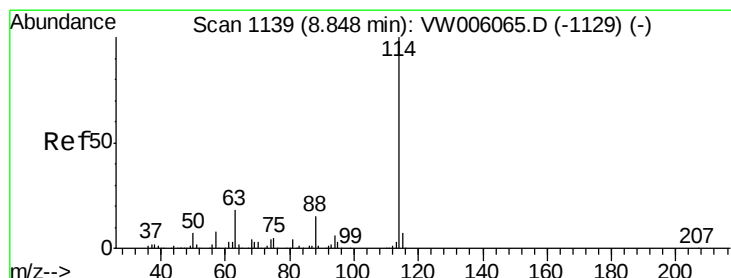
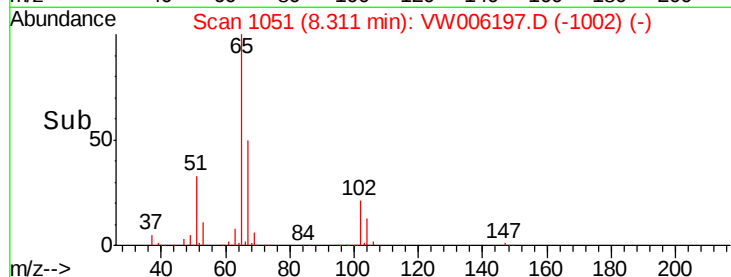
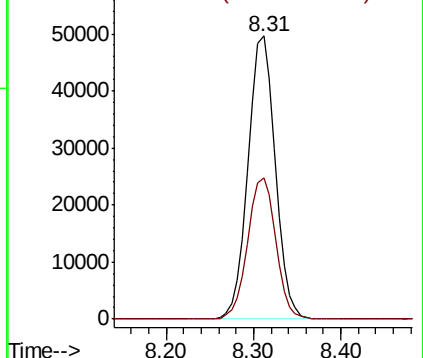
65 100

67 51.5 0.0 101.0



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: VW006197.D

Acq: 19 Oct 2018 02:37

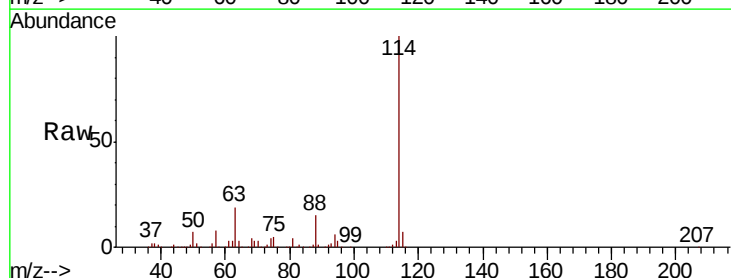
Tgt Ion: 114 Resp: 369917

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

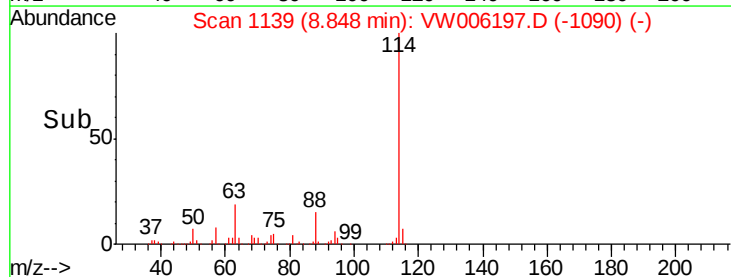
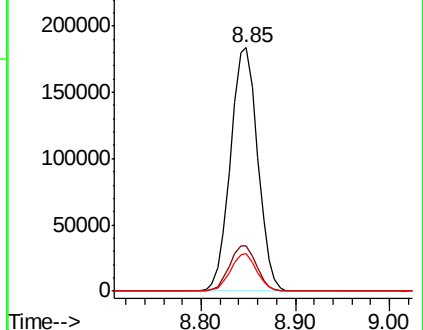
88 15.3 0.0 29.0



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

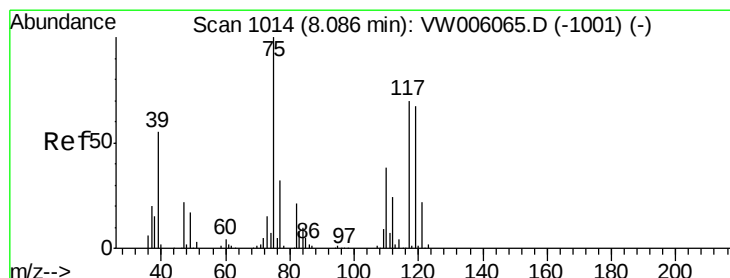
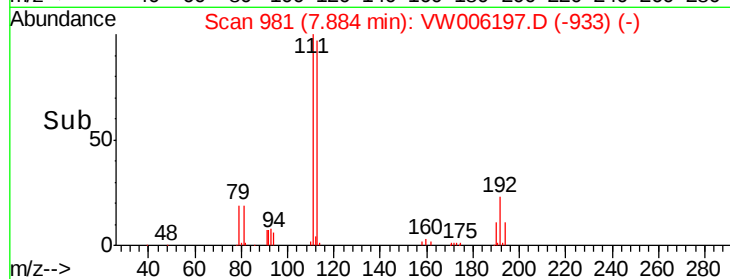
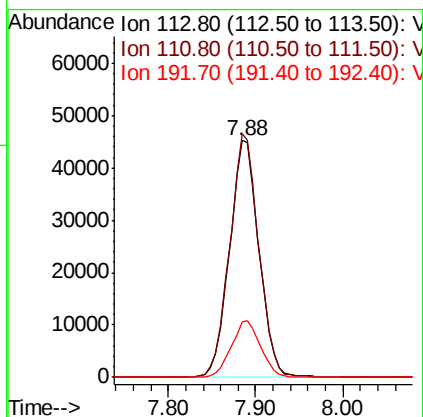
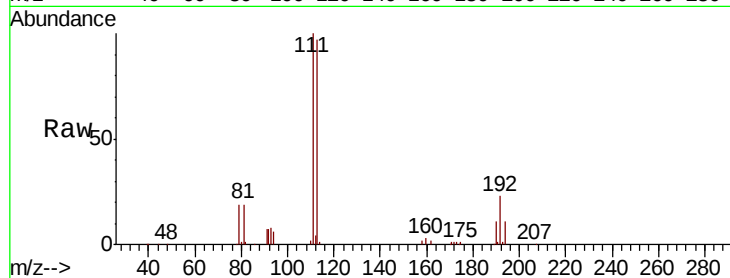




#35
Dibromofluoromethane
Concen: 48.331 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006197.D
Acq: 19 Oct 2018 02:37

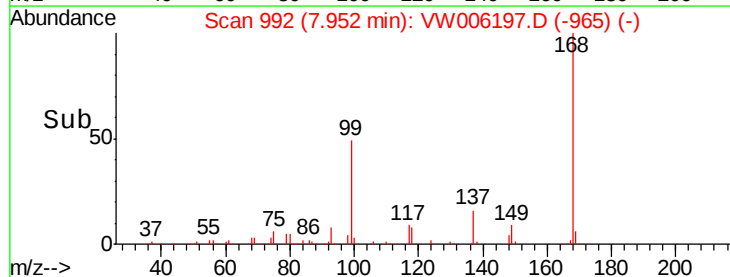
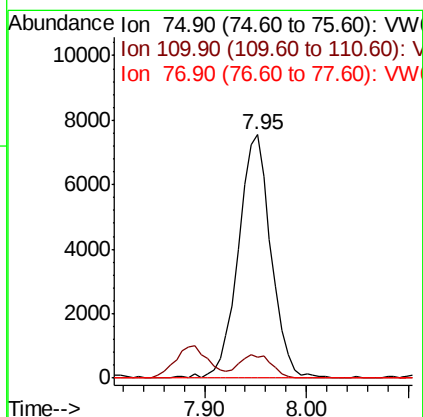
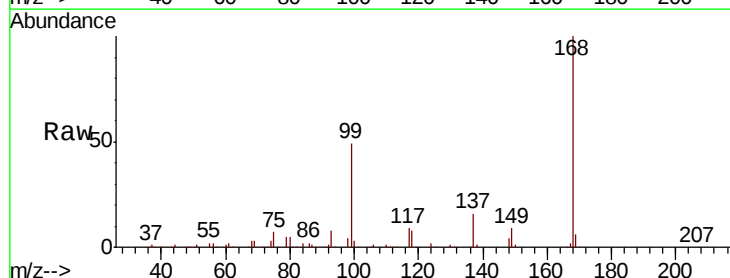
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBL02

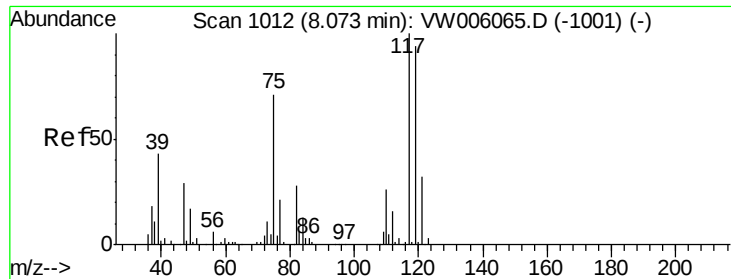
Tot Ion:113 Resp: 105643
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 23.8 18.7 28.1



#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW006197.D
Acq: 19 Oct 2018 02:37

Tgt Ion: 75 Resp: 16707
Ion Ratio Lower Upper
75 100
110 9.6 19.1 57.1#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.199 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBL02

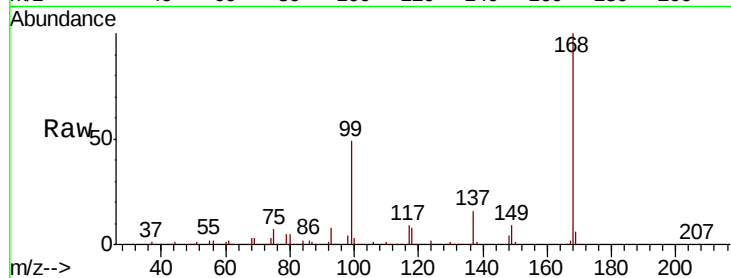
Tot Ion:117 Resp: 23169

Ion Ratio Lower Upper

117 100

119 4.1 75.2 112.8#

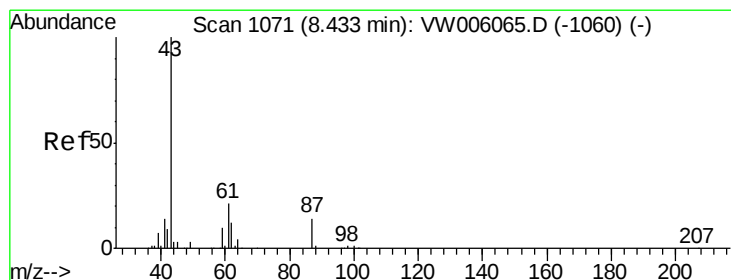
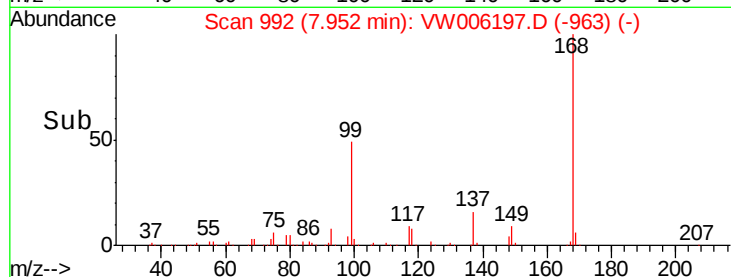
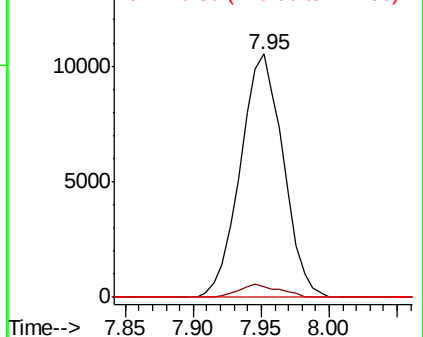
121 0.0 25.3 37.9#



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



#43

Isopropyl Acetate

Concen: 1.077 ug/l

RT: 8.26 min Scan# 1042

Delta R.T. -0.18 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

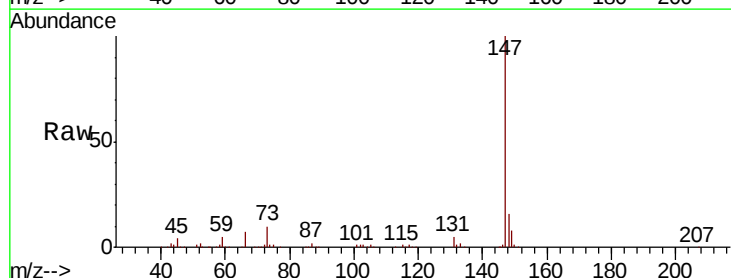
Tgt Ion: 43 Resp: 2790

Ion Ratio Lower Upper

43 100

61 14.4 25.5 38.3#

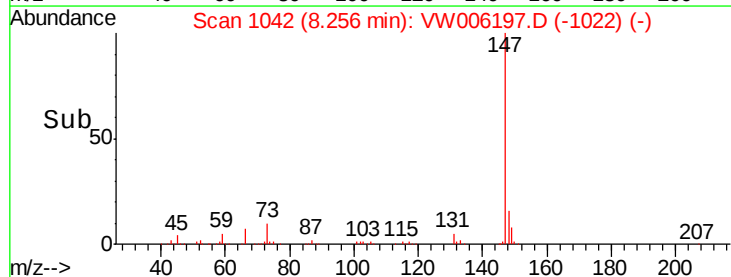
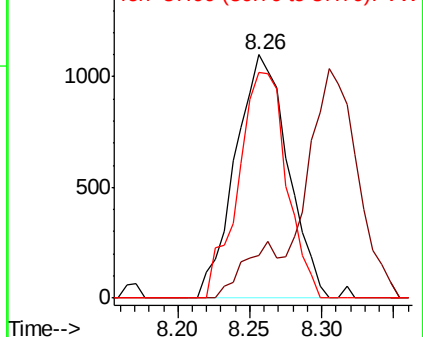
87 84.8 11.7 17.5#

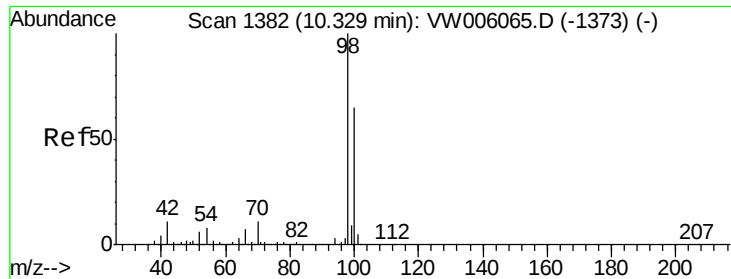


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#50

Toluene-d8

Concen: 47.935 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

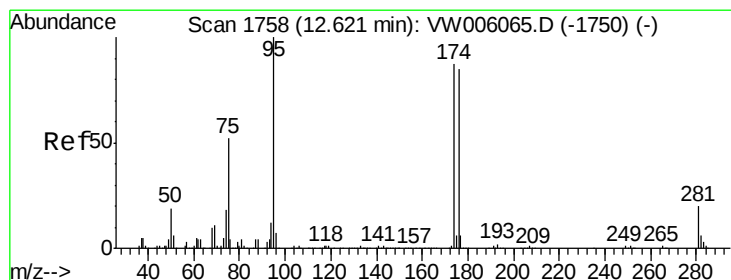
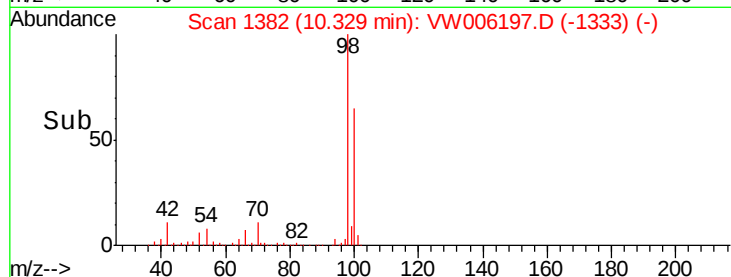
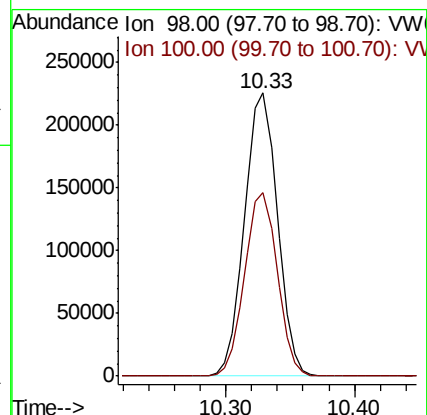
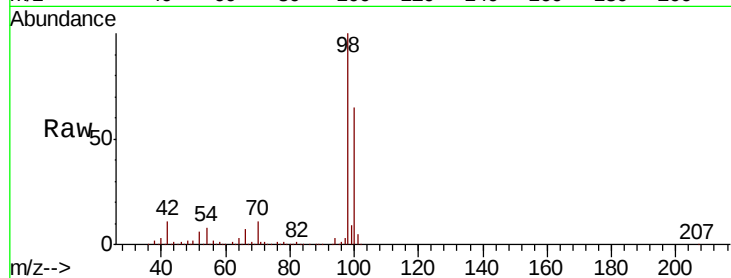
VW1018SBL02

Tot Ion: 98 Resp: 398626

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.703 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

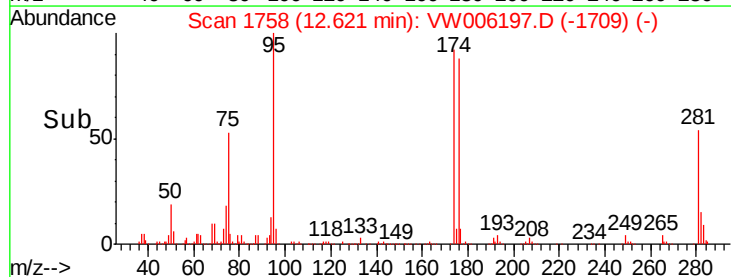
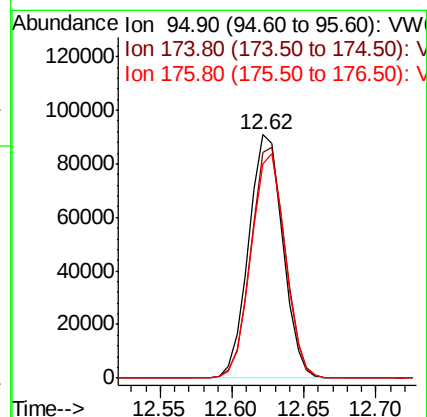
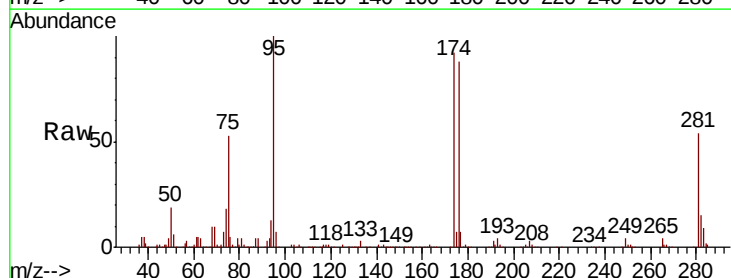
Tgt Ion: 95 Resp: 148994

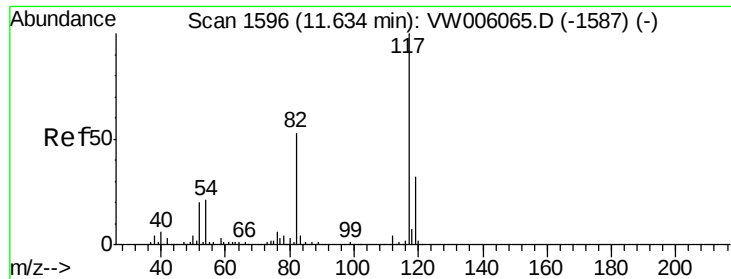
Ion Ratio Lower Upper

95 100

174 94.3 0.0 186.0

176 91.8 0.0 181.6

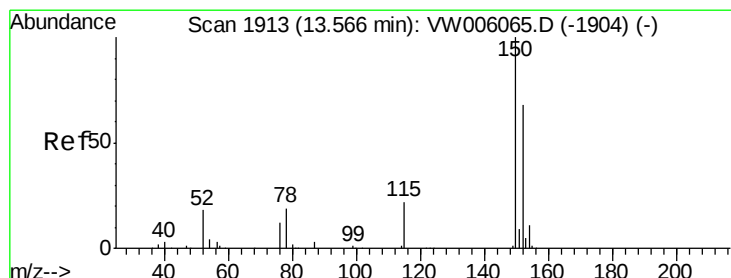
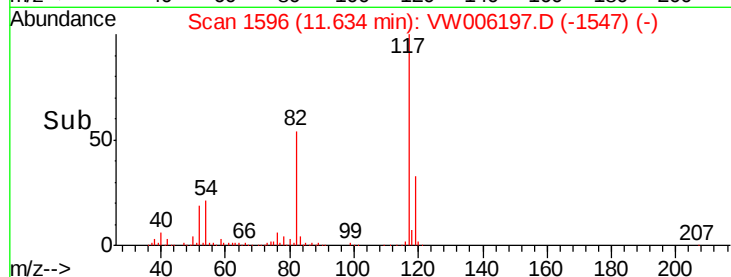
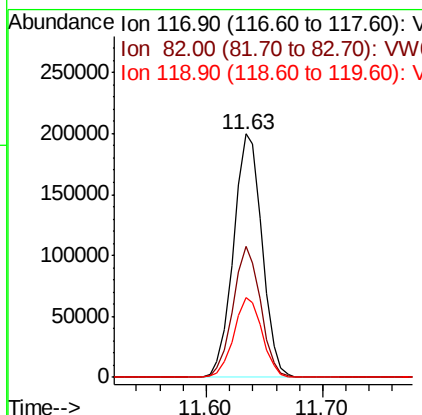
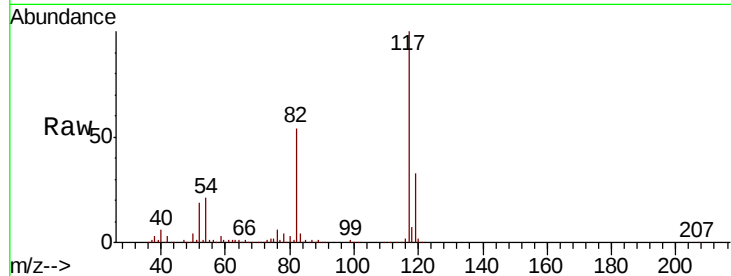




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006197.D
Acq: 19 Oct 2018 02:37

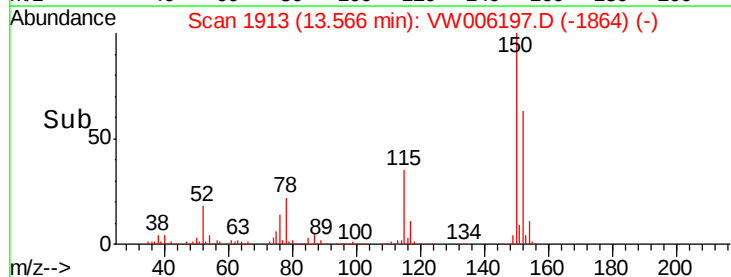
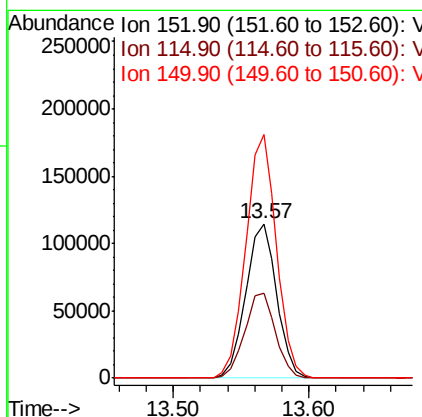
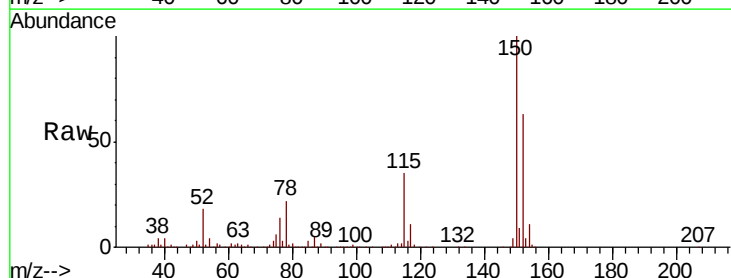
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBL02

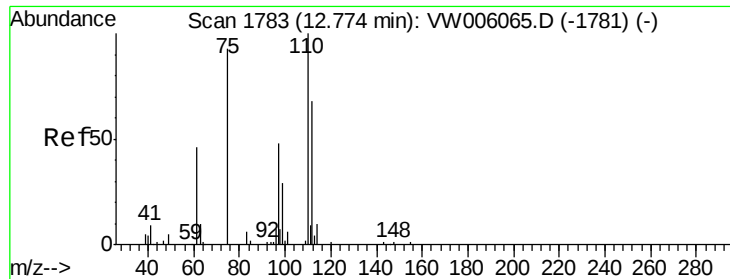
Tot Ion:117 Resp: 341152
Ion Ratio Lower Upper
117 100
82 53.5 42.1 63.1
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006197.D
Acq: 19 Oct 2018 02:37

Tgt Ion:152 Resp: 182419
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.3
150 155.9 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 54.883 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

Instrument :

MSVOA_W

ClientSampleId :

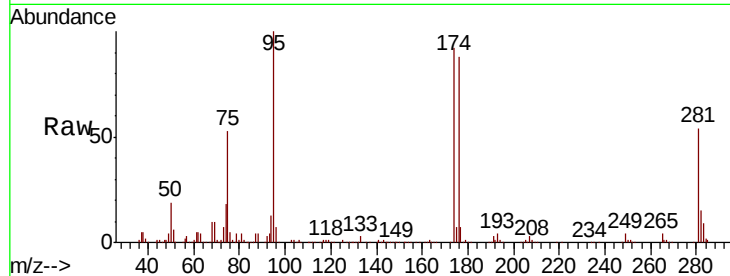
VW1018SBL02

Tot Ion: 75 Resp: 76470

Ion Ratio Lower Upper

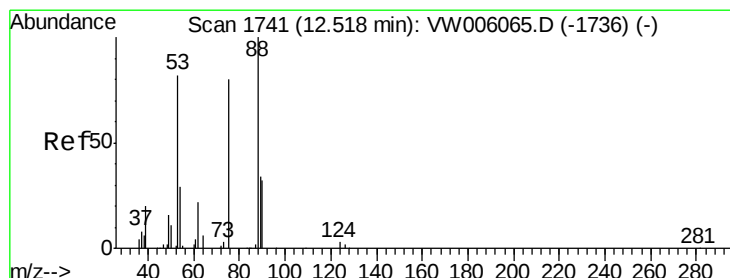
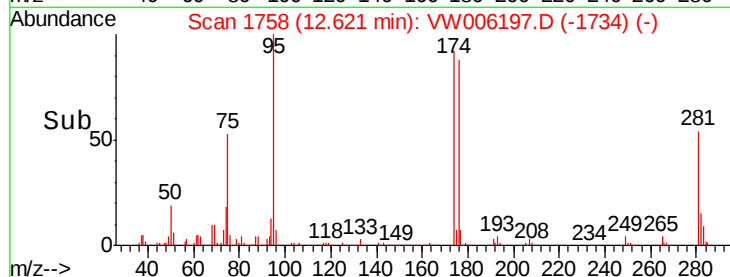
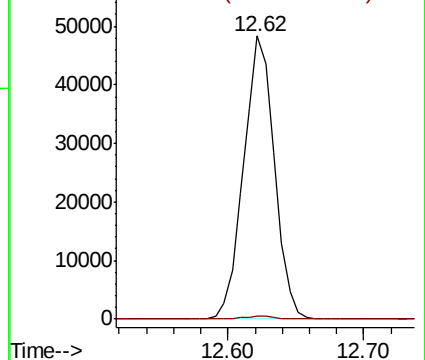
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 131.193 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006197.D

Acq: 19 Oct 2018 02:37

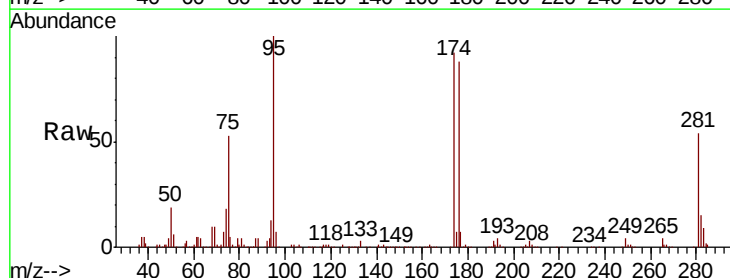
Tgt Ion: 75 Resp: 76470

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.3 37.5 56.3#



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

