

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007519.D
 Acq On : 14 Dec 2018 06:44
 Operator : SY/AP
 Sample : J6357-10
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01B

Quant Time: Dec 14 07:12:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	81599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	139662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56810	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	35515	39.23	ug/l	0.00
Spiked Amount			Recovery	=	78.46%	
35) Dibromofluoromethane	7.88	113	33136	39.19	ug/l	0.00
Spiked Amount			Recovery	=	78.38%	
50) Toluene-d8	10.32	98	111780	35.26	ug/l	0.00
Spiked Amount			Recovery	=	70.52%	
62) 4-Bromofluorobenzene	12.62	95	43717	37.51	ug/l	0.00
Spiked Amount			Recovery	=	75.02%	

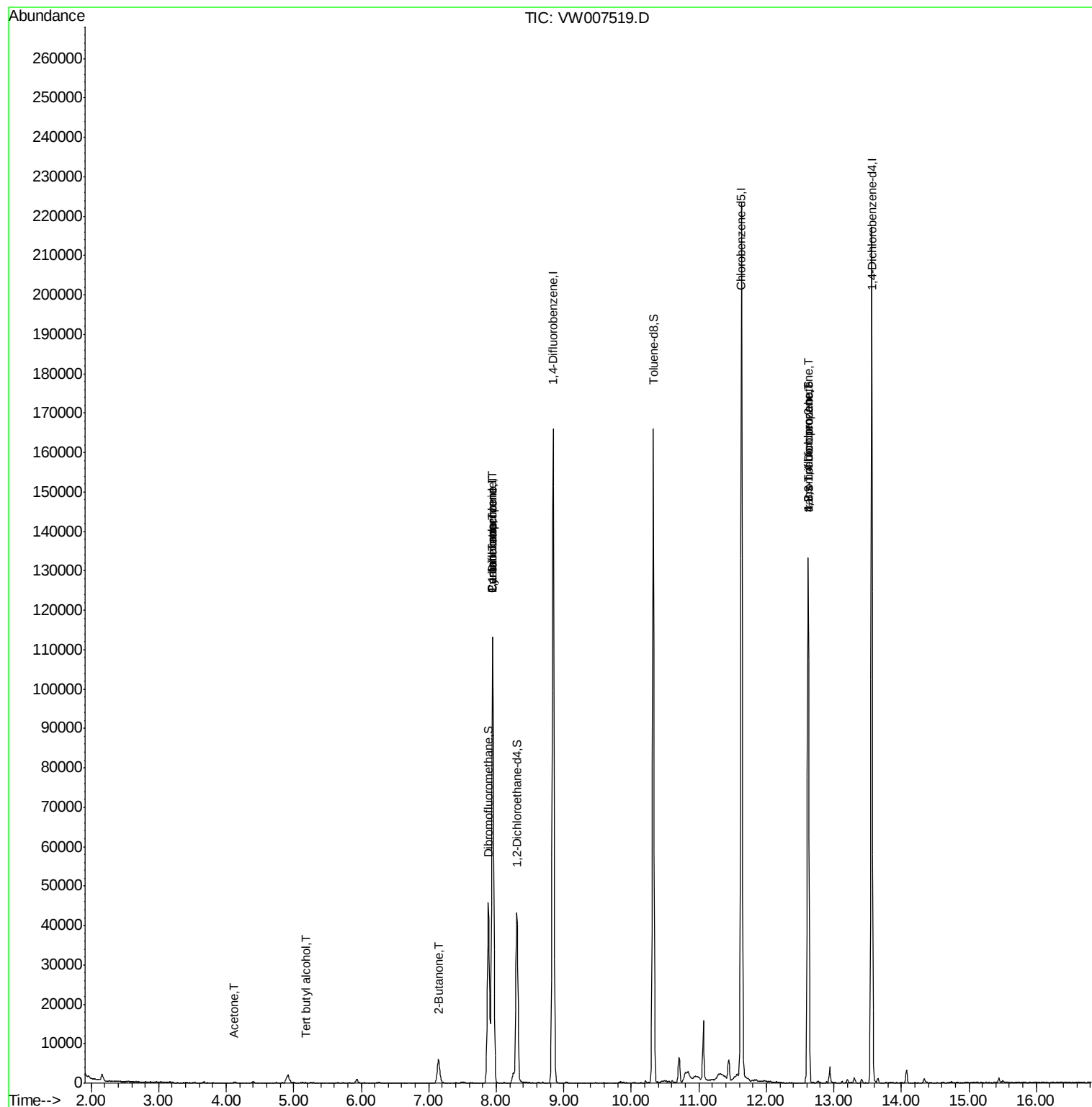
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	101	1.624	ug/l #	74
16) Acetone	4.11	43	260	1.644	ug/l	93
20) Methylene Chloride	4.92	84	1893	Below Cal		91
25) 2-Butanone	7.15	43	352	1.705	ug/l #	45
31) Cyclohexane	7.95	56	1682	1.196	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	6221	4.883	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8984	6.481	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	22214	47.424	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	22214	104.760	ug/l #	7

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121618\
Data File : VW007519.D
Acq On : 14 Dec 2018 06:44
Operator : SY/AP
Sample : J6357-10
Misc : 4.88G/5ML/MSVOA W/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-01B

Quant Time: Dec 14 07:12:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

Instrument :

MSVOA_W

ClientSampleId :

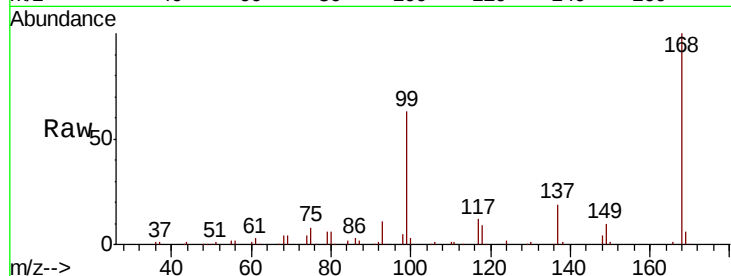
SB-01B

Tot Ion:168 Resp: 81599

Ion Ratio Lower Upper

168 100

99 62.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

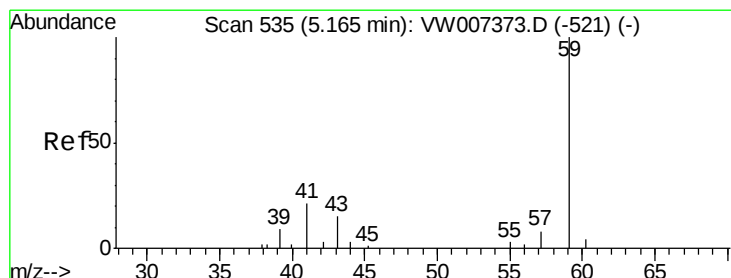
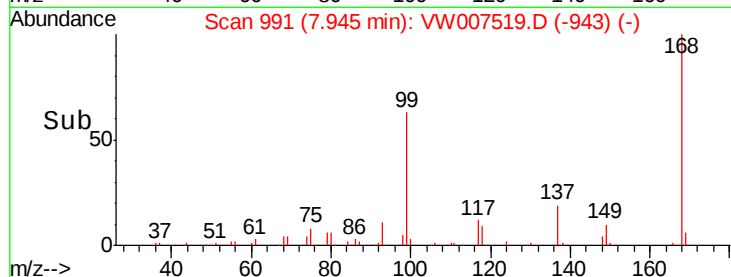
20000

10000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.624 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007519.D

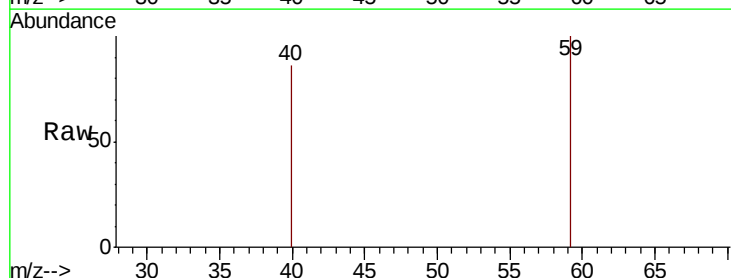
Acq: 14 Dec 2018 06:44

Tgt Ion: 59 Resp: 101

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

100

80

60

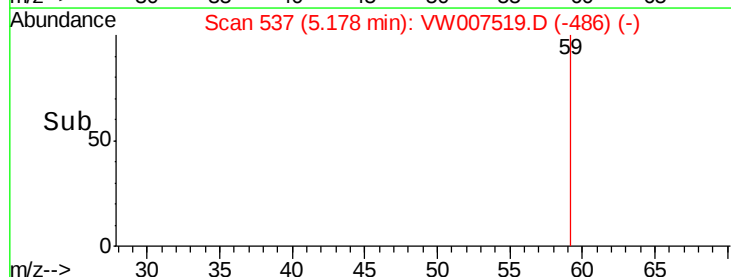
40

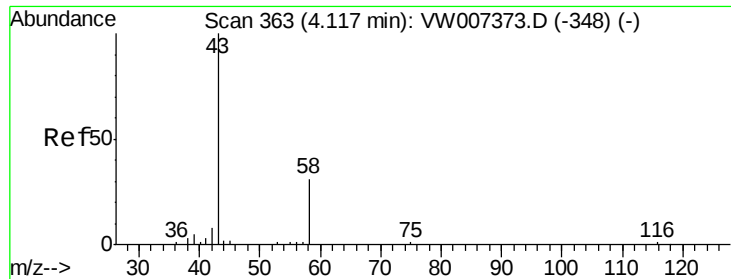
20

0

5.14 5.16 5.18 5.20

Time-->





#16

Acetone

Concen: 1.644 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

Instrument :

MSVOA_W

ClientSampleId :

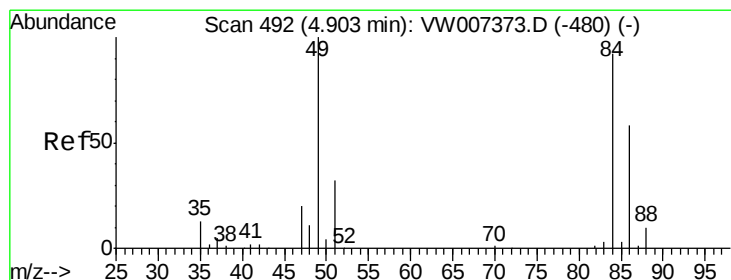
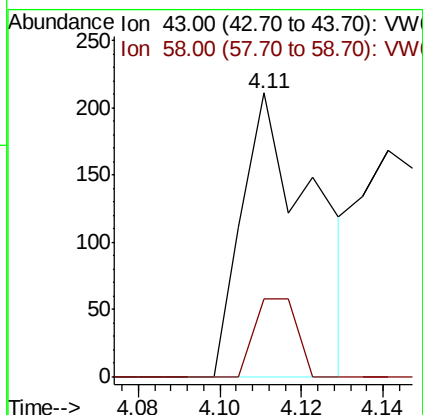
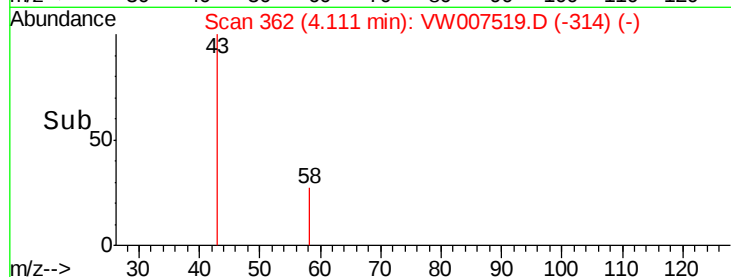
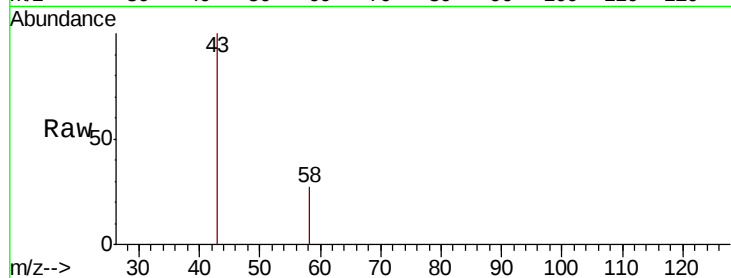
SB-01B

Tot Ion: 43 Resp: 260

Ion Ratio Lower Upper

43 100

58 27.5 24.9 37.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

Tgt Ion: 84 Resp: 1893

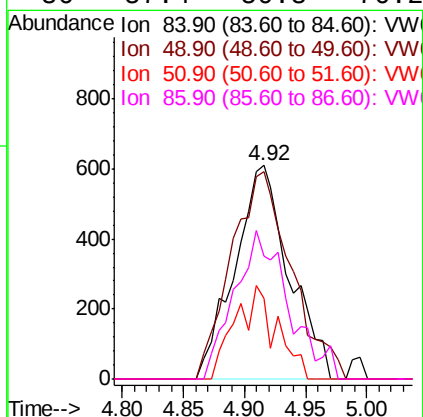
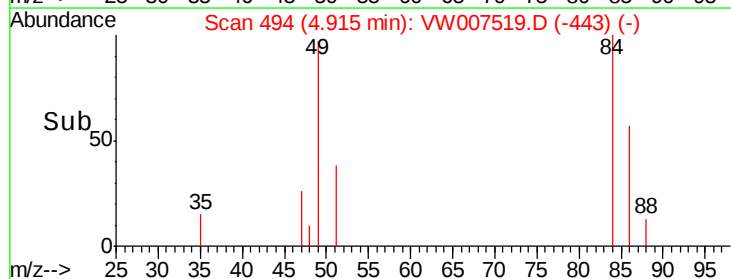
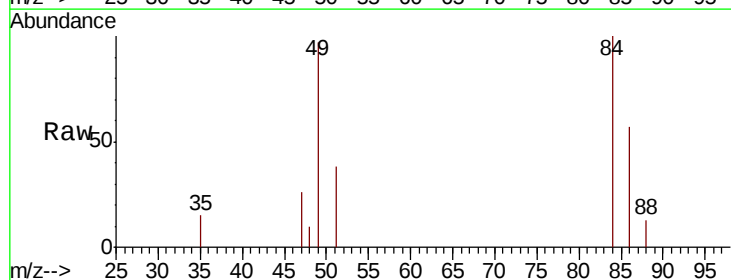
Ion Ratio Lower Upper

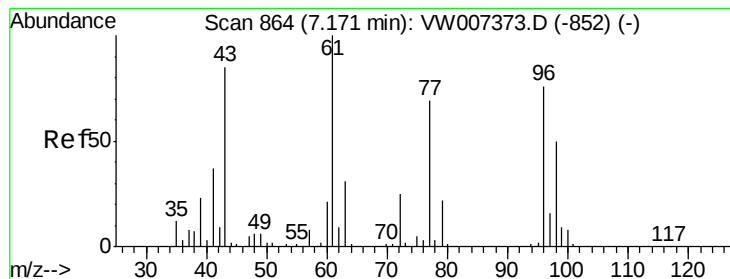
84 100

49 97.4 87.1 130.7

51 37.7 28.2 42.2

86 57.4 50.8 76.2





#25

2-Butanone

Concen: 1.705 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

Instrument :

MSVOA_W

ClientSampleId :

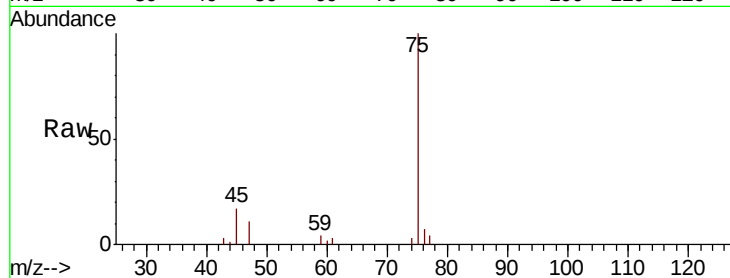
SB-01B

Tot Ion: 43 Resp: 352

Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

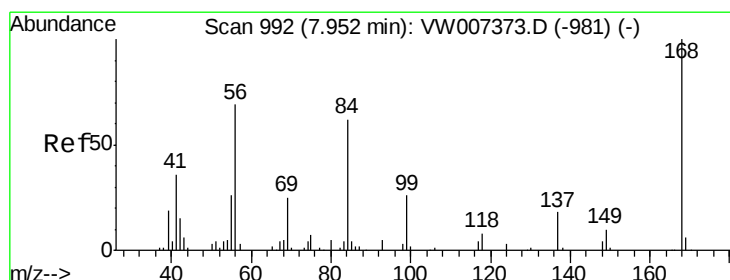
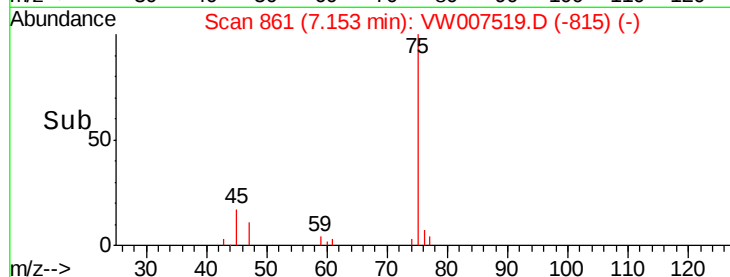
7.15

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.196 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

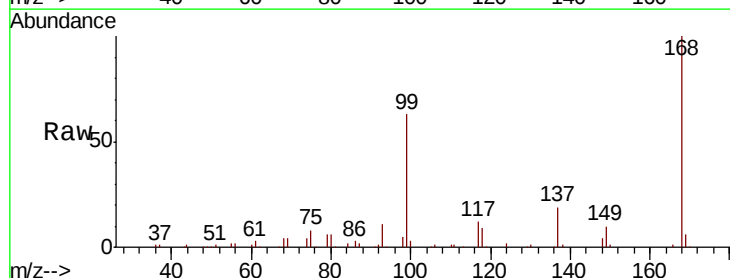
Tgt Ion: 56 Resp: 1682

Ion Ratio Lower Upper

56 100

69 196.8 28.9 43.3#

84 114.1 71.8 107.6#



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

2000

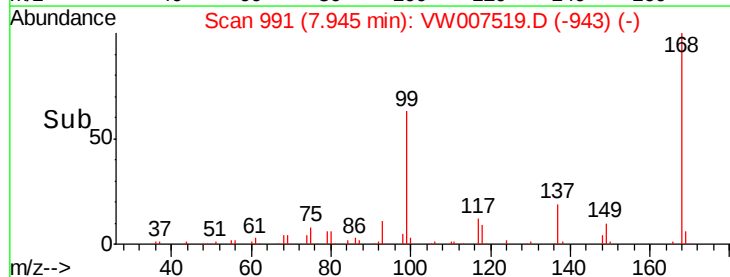
1500

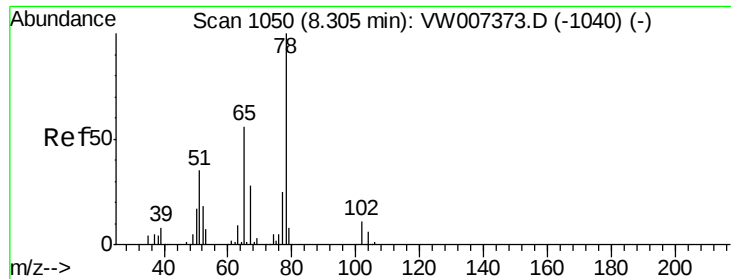
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 39.231 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

Instrument :

MSVOA_W

ClientSampled :

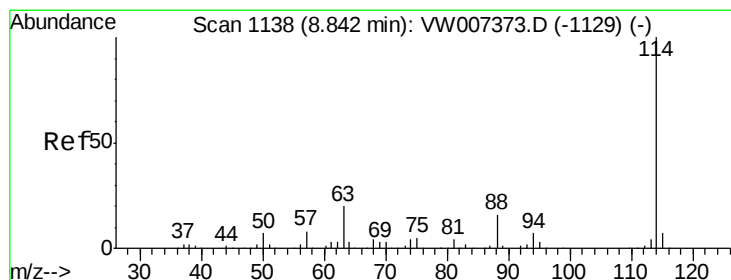
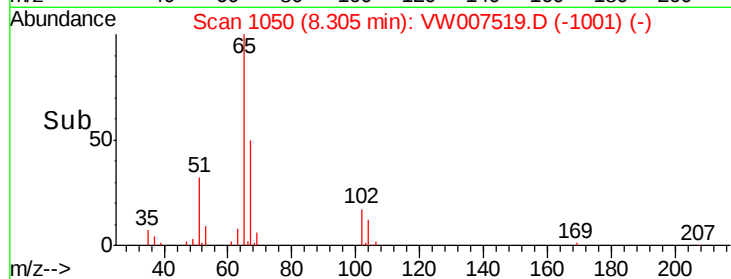
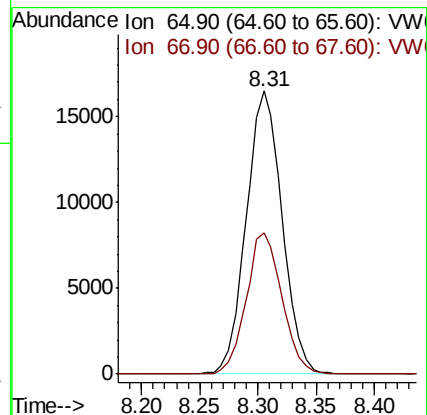
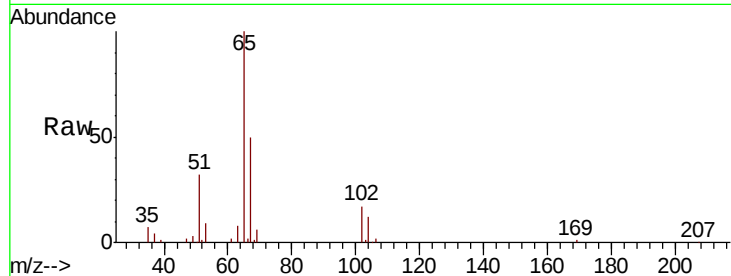
SB-01B

Tot Ion: 65 Resp: 35515

Ion Ratio Lower Upper

65 100

67 49.4 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

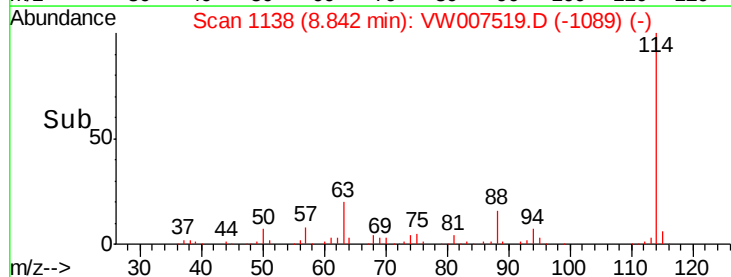
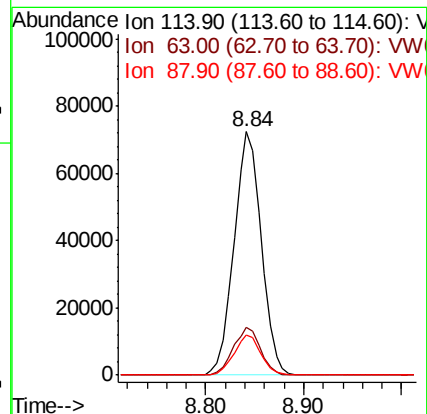
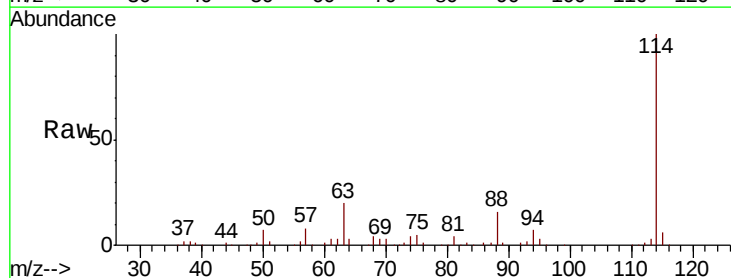
Tgt Ion: 114 Resp: 139662

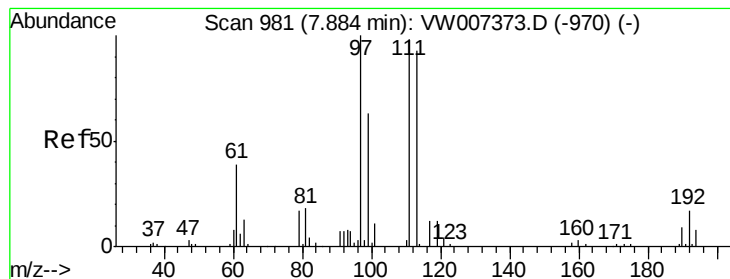
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 39.194 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

Instrument :

MSVOA_W

ClientSampleId :

SB-01B

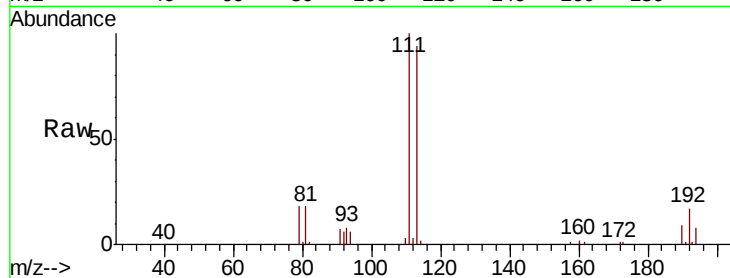
Tot Ion:113 Resp: 33136

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

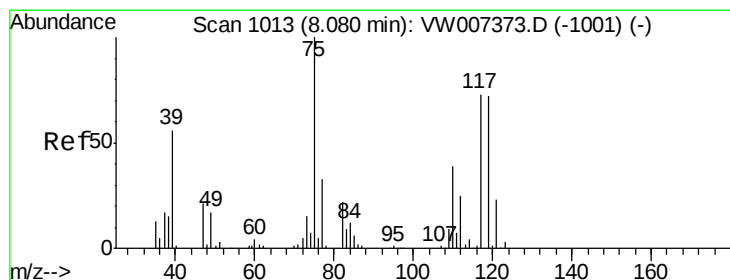
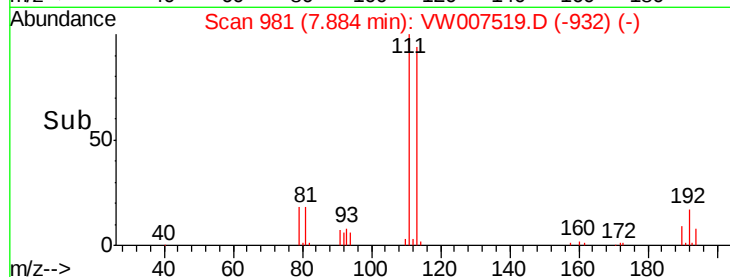
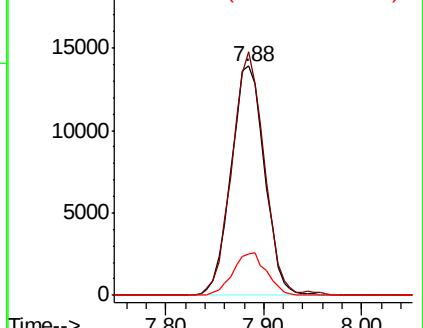
192 18.5 14.6 21.8



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: 4.883 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

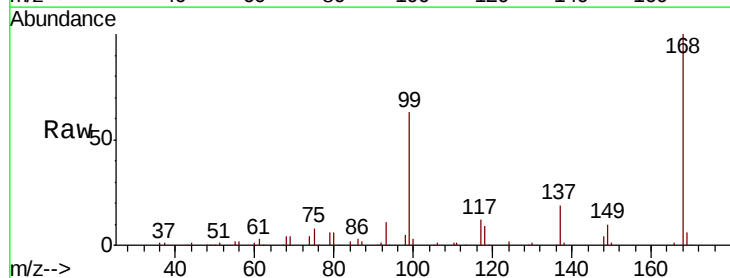
Tgt Ion: 75 Resp: 6221

Ion Ratio Lower Upper

75 100

110 10.3 18.5 55.5#

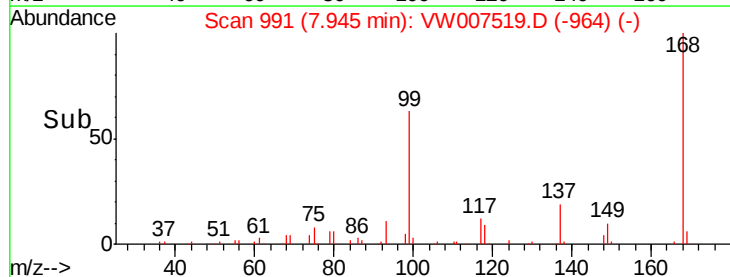
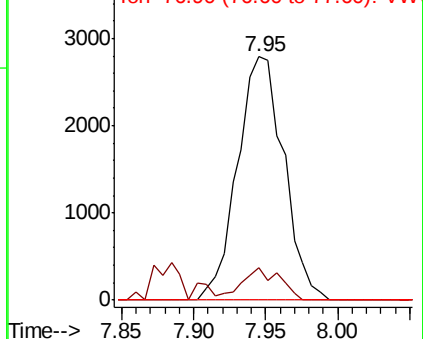
77 0.0 25.6 38.4#

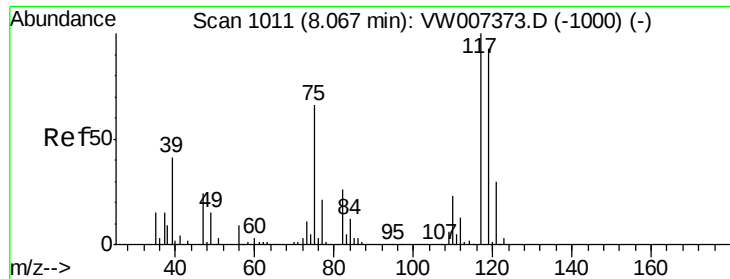


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

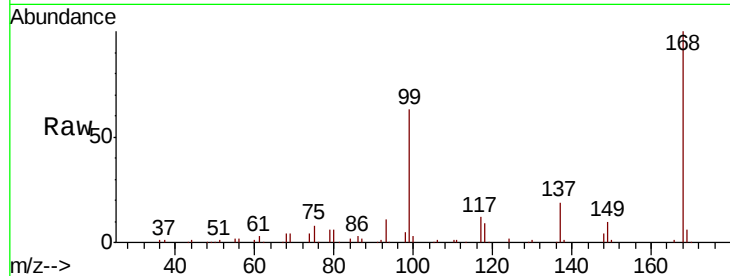




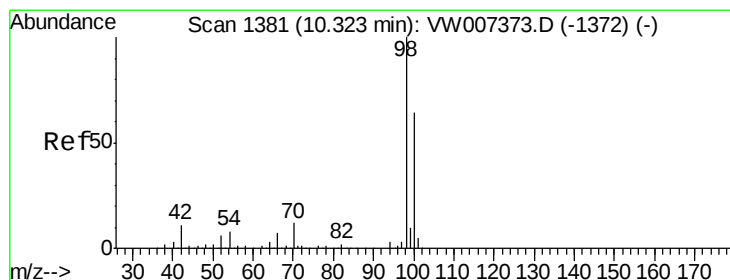
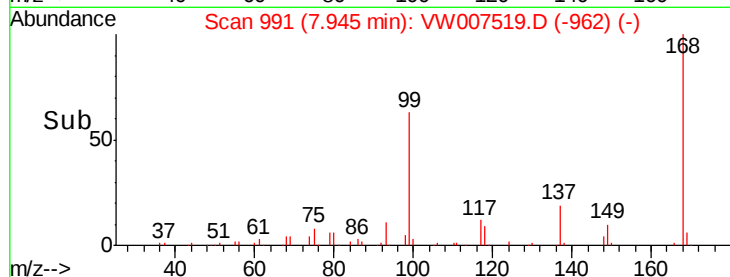
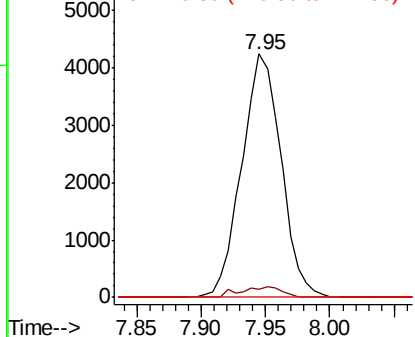
#38
Carbon Tetrachloride
Concen: 6.481 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007519.D
Acq: 14 Dec 2018 06:44

Instrument :
MSVOA_W
ClientSampled :
SB-01B

Tot Ion:117 Resp: 8984
Ion Ratio Lower Upper
117 100
119 3.2 74.3 111.5#
121 0.0 24.3 36.5#

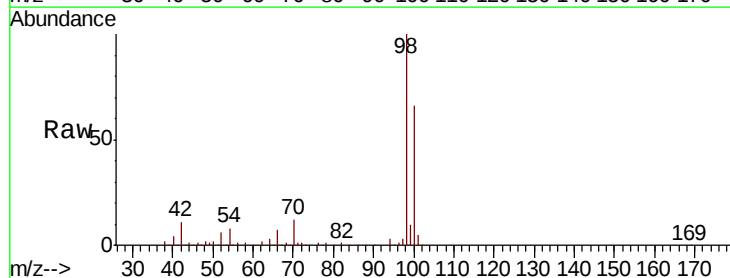


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

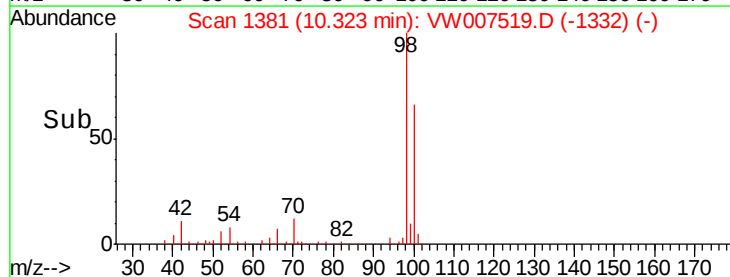
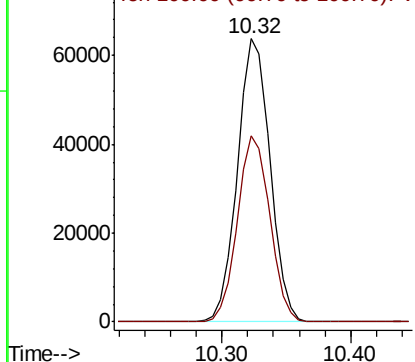


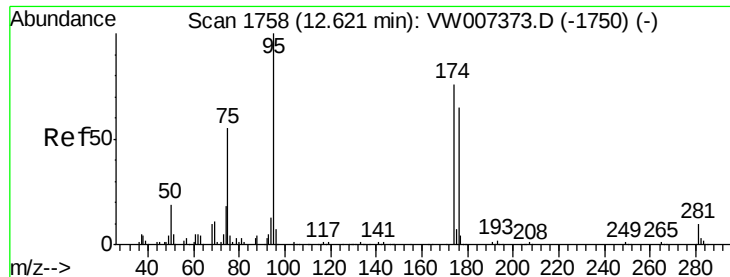
#50
Toluene-d8
Concen: 35.263 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007519.D
Acq: 14 Dec 2018 06:44

Tgt Ion: 98 Resp: 111780
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

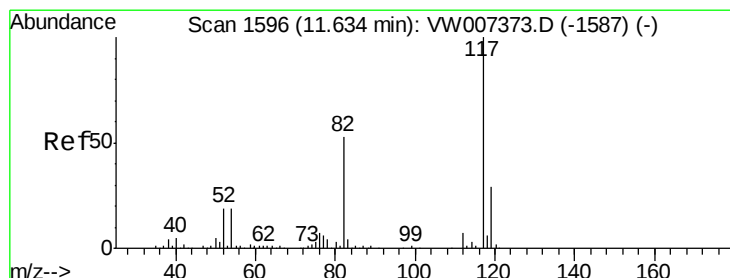
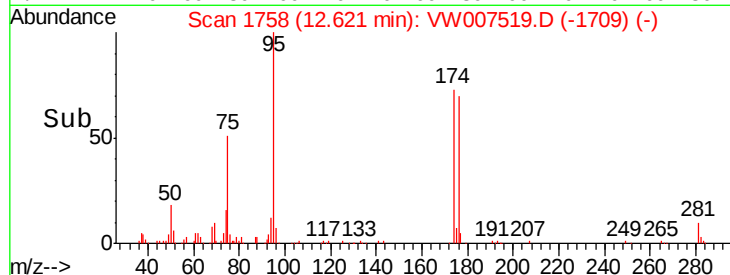
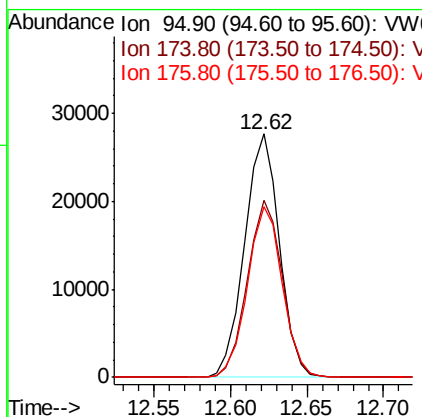
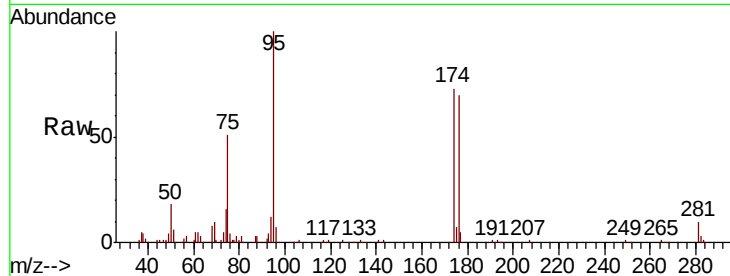




#62
4-Bromofluorobenzene
Concen: 37.510 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007519.D
Acq: 14 Dec 2018 06:44

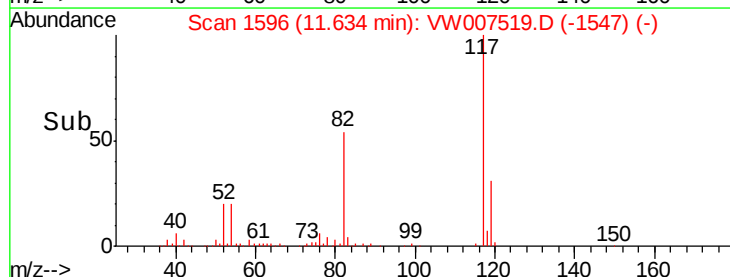
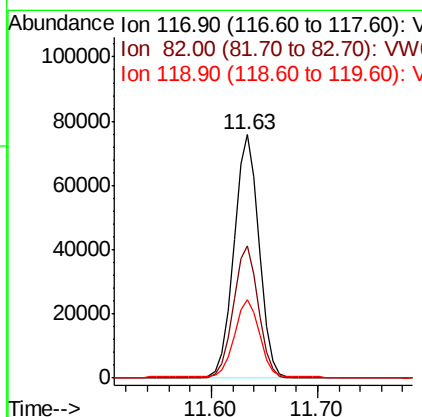
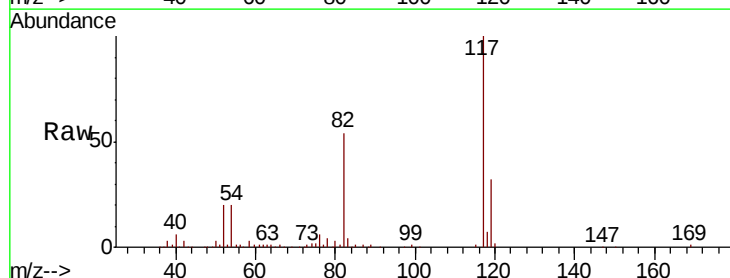
Instrument :
MSVOA_W
ClientSampleId :
SB-01B

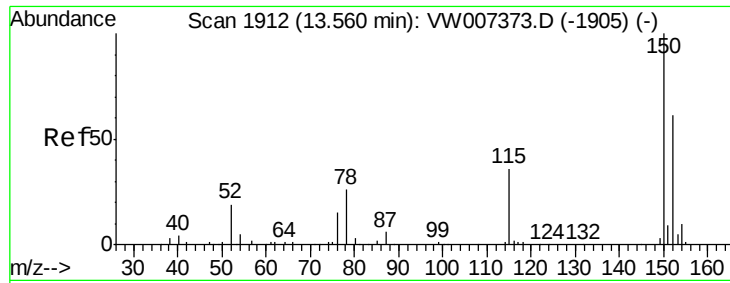
Tot Ion	95	Resp	43717
Ion Ratio	Lower	Upper	
95	100		
174	73.0	0.0	147.2
176	70.3	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007519.D
Acq: 14 Dec 2018 06:44

Tgt Ion	117	Resp	124613
Ion Ratio	Lower	Upper	
117	100		
82	54.4	42.3	63.5
119	31.8	23.0	34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

Instrument :

MSVOA_W

ClientSampleId :

SB-01B

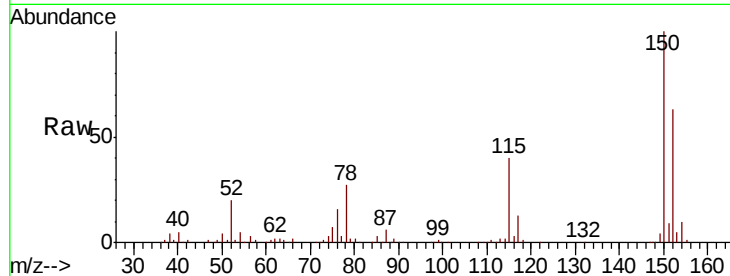
Tot Ion:152 Resp: 56810

Ion Ratio Lower Upper

152 100

115 62.2 31.4 94.2

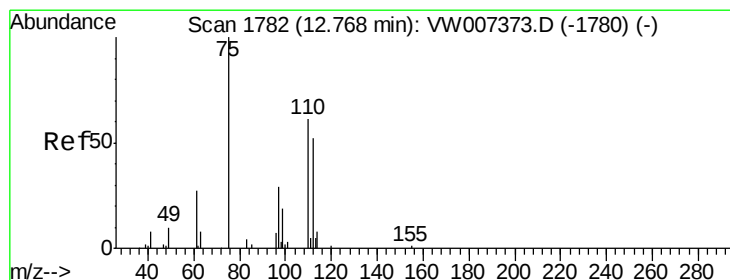
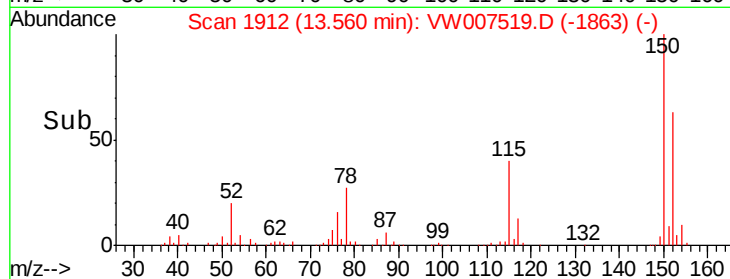
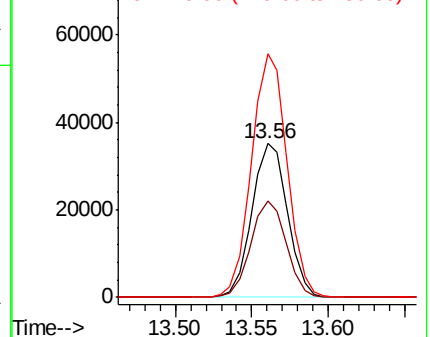
150 157.9 0.0 358.4



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: 47.424 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007519.D

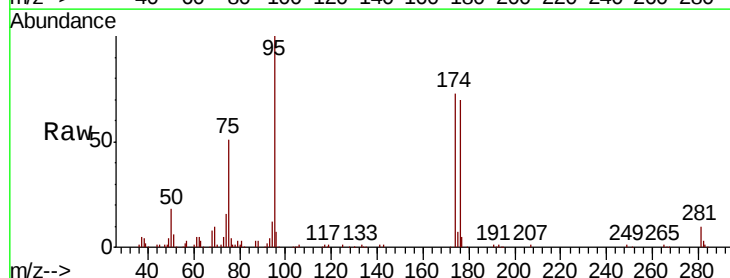
Acq: 14 Dec 2018 06:44

Tgt Ion: 75 Resp: 22214

Ion Ratio Lower Upper

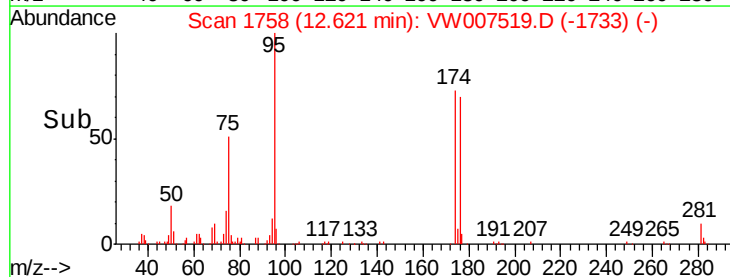
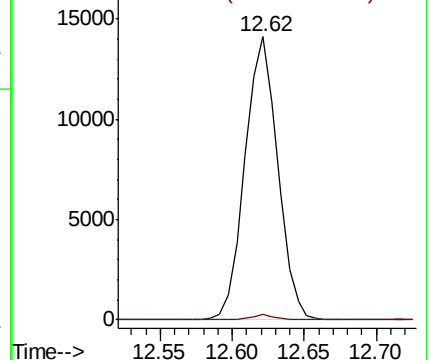
75 100

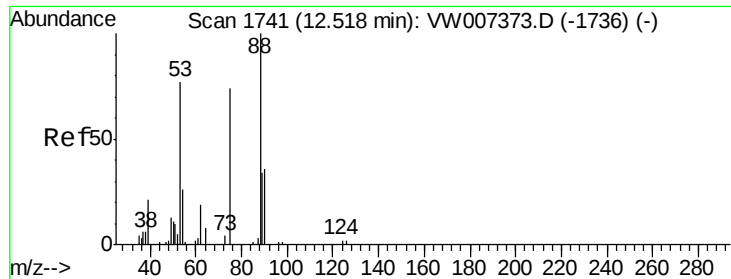
77 1.3 166.9 500.8#



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: 104.760 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007519.D

Acq: 14 Dec 2018 06:44

Instrument :

MSVOA_W

ClientSampleId :

SB-01B

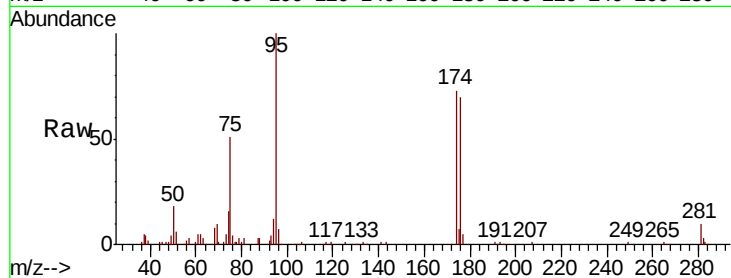
Tot Ion: 75 Resp: 22214

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

