

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007485.D
 Acq On : 13 Dec 2018 13:52
 Operator : SY/AP
 Sample : J6357-05
 Misc : 4.63G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-07B

Quant Time: Dec 13 15:23:36 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	65008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	106212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	74832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	20450	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	31600	43.82	ug/l	0.00
Spiked Amount						
			Recovery	=	87.64%	
35) Dibromofluoromethane	7.88	113	29388	45.71	ug/l	0.00
Spiked Amount						
			Recovery	=	91.42%	
50) Toluene-d8	10.32	98	89492	37.12	ug/l	0.00
Spiked Amount						
			Recovery	=	74.24%	
62) 4-Bromofluorobenzene	12.62	95	22509	25.40	ug/l	0.00
Spiked Amount						
			Recovery	=	50.80%	

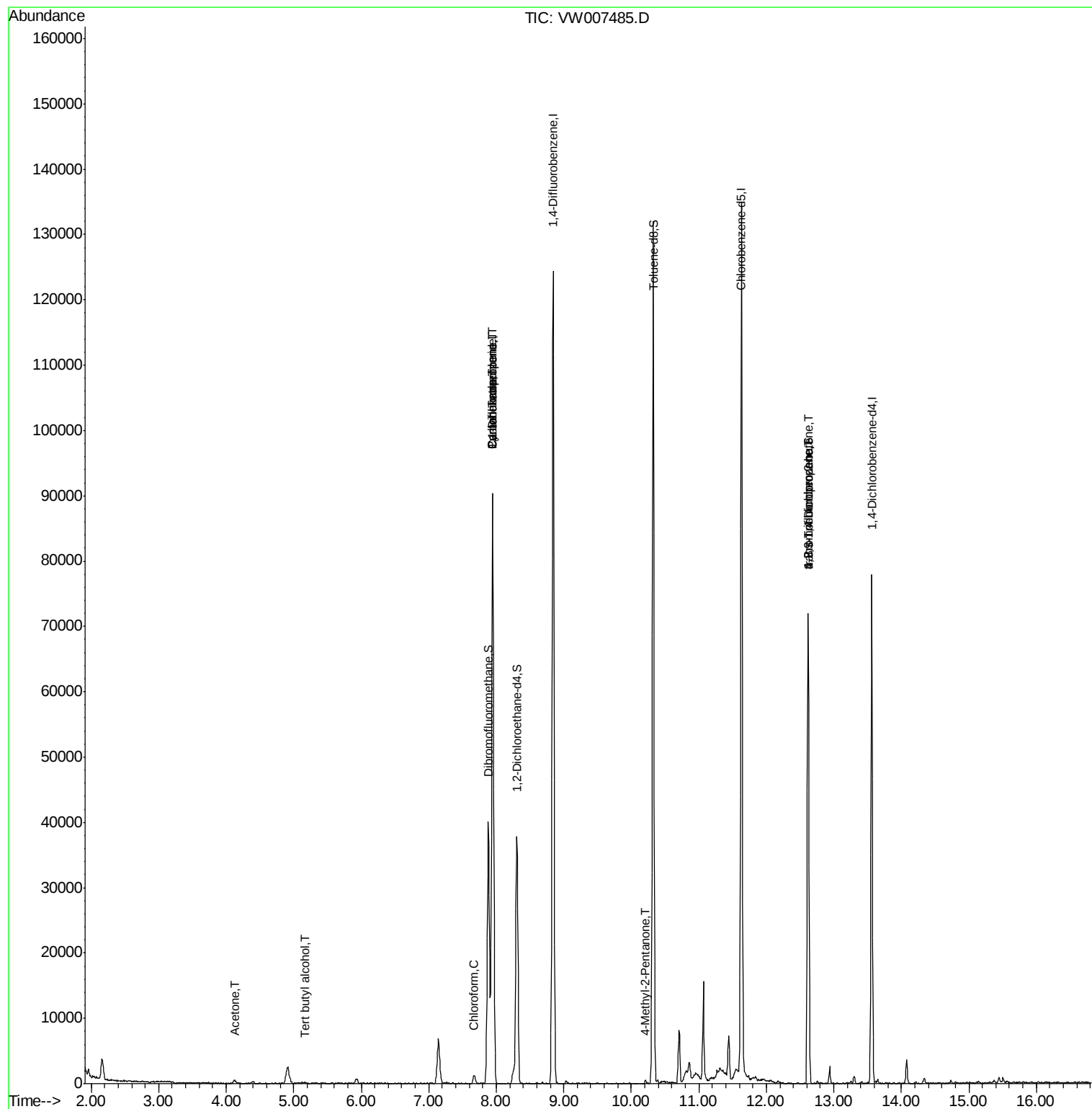
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	50	1.009	ug/l #	74
16) Acetone	4.13	43	1129	8.962	ug/l	91
20) Methylene Chloride	4.91	84	2339	Below Cal		93
30) Chloroform	7.67	83	1427	1.074	ug/l	85
31) Cyclohexane	7.95	56	1322	1.180	ug/l #	36
36) 1,1-Dichloropropene	7.95	75	4909	5.067	ug/l #	49
38) Carbon Tetrachloride	7.95	117	6614	6.274	ug/l #	17
51) 4-Methyl-2-Pentanone	10.22	43	395	1.174	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	11513	68.279	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	11513	150.830	ug/l #	7

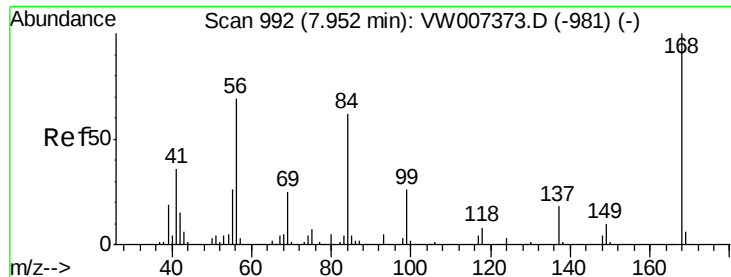
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121618\
Data File : VW007485.D
Acq On : 13 Dec 2018 13:52
Operator : SY/AP
Sample : J6357-05
Misc : 4.63G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-07B

Quant Time: Dec 13 15:23:36 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: VW007485.D

Acq: 13 Dec 2018 13:52

Instrument :

MSVOA_W

ClientSampleId :

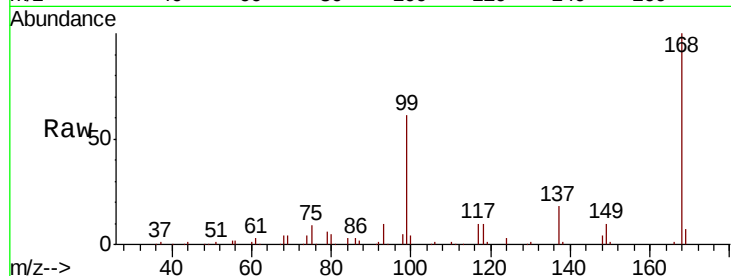
SB-07B

Tot Ion:168 Resp: 65008

Ion Ratio Lower Upper

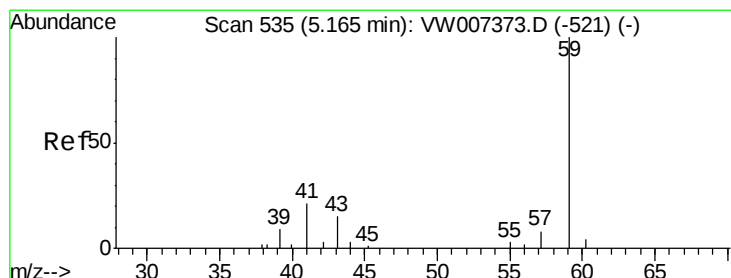
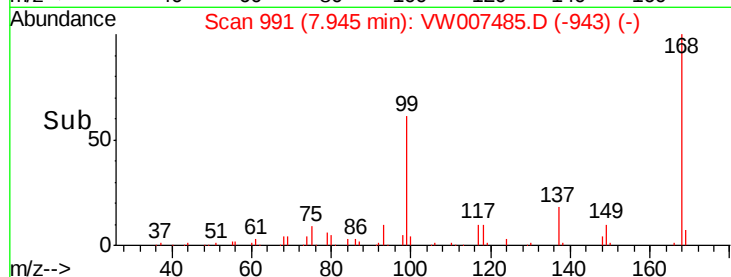
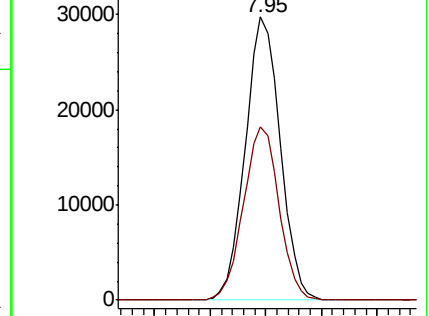
168 100

99 61.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.009 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW007485.D

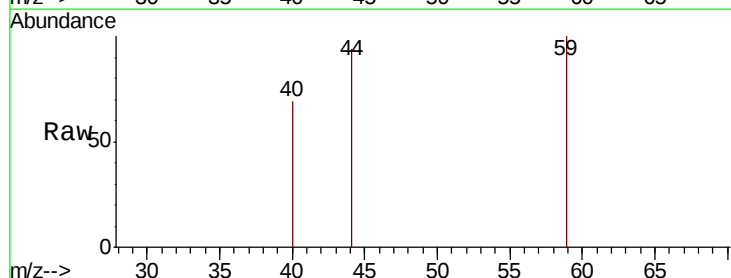
Acq: 13 Dec 2018 13:52

Tgt Ion: 59 Resp: 50

Ion Ratio Lower Upper

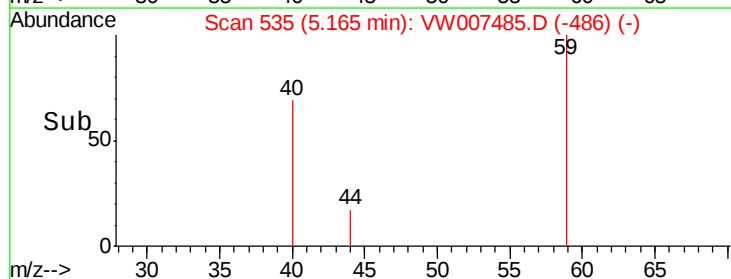
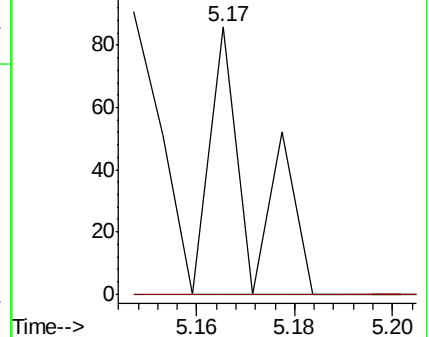
59 100

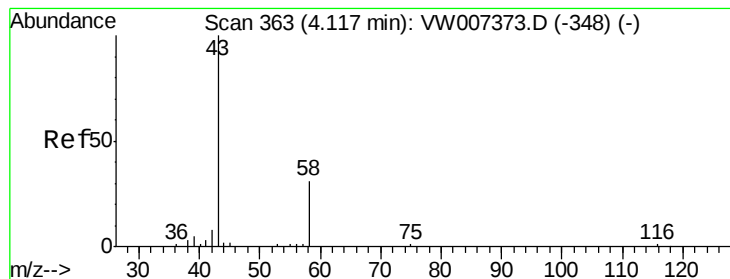
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 8.962 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007485.D

Acq: 13 Dec 2018 13:52

Instrument :

MSVOA_W

ClientSampleId :

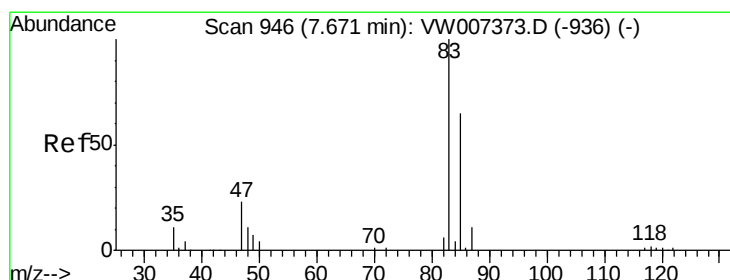
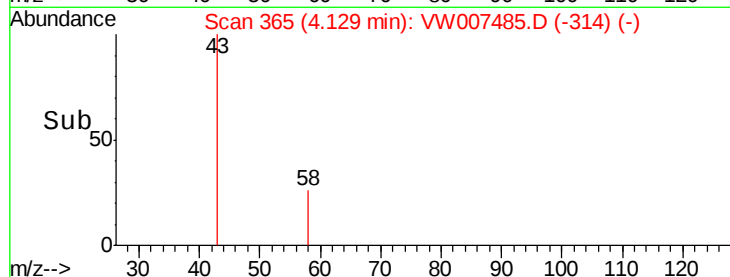
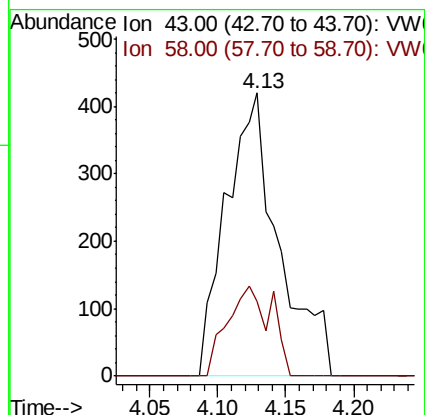
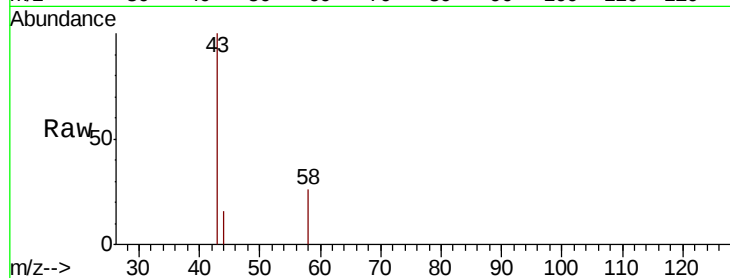
SB-07B

Tot Ion: 43 Resp: 1129

Ion Ratio Lower Upper

43 100

58 26.2 24.9 37.3



#30

Chloroform

Concen: 1.074 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW007485.D

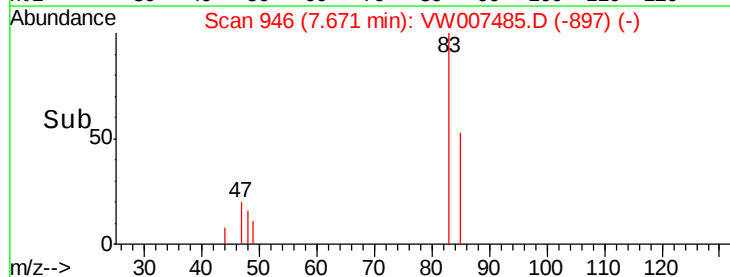
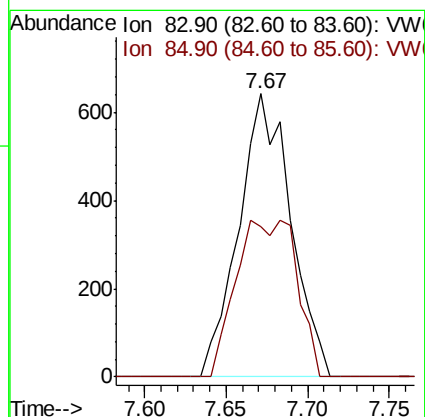
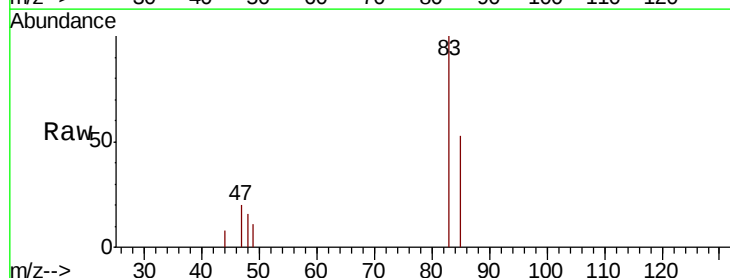
Acq: 13 Dec 2018 13:52

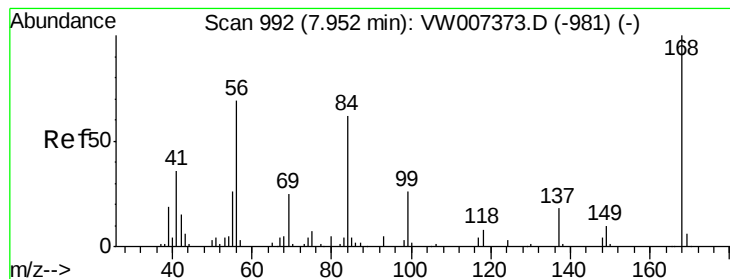
Tgt Ion: 83 Resp: 1427

Ion Ratio Lower Upper

83 100

85 53.3 51.8 77.8





#31

Cyclohexane

Concen: 1.180 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007485.D

Acq: 13 Dec 2018 13:52

Instrument :

MSVOA_W

ClientSampled :

SB-07B

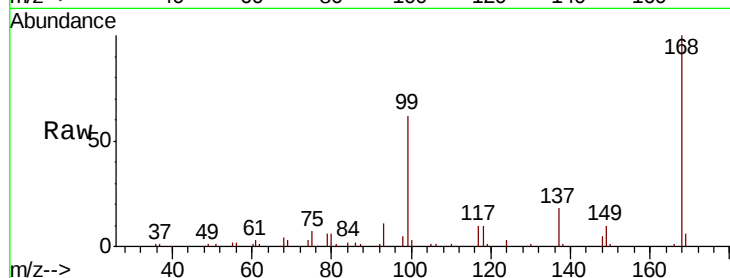
Tot Ion: 56 Resp: 1322

Ion Ratio Lower Upper

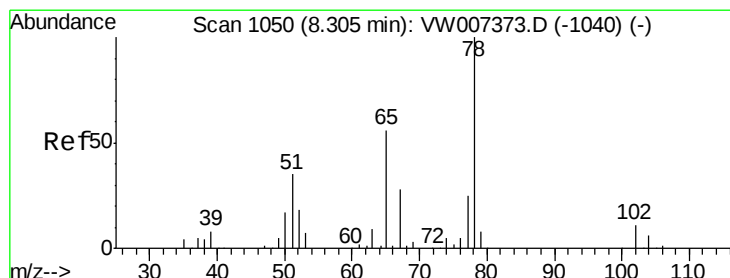
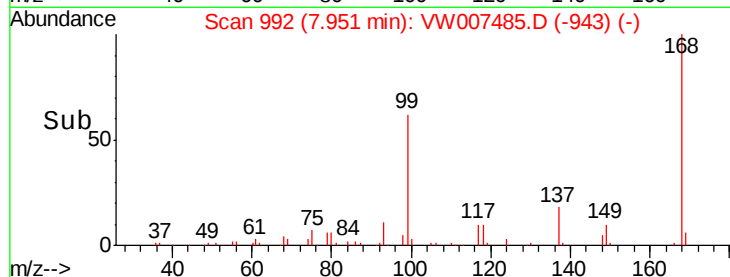
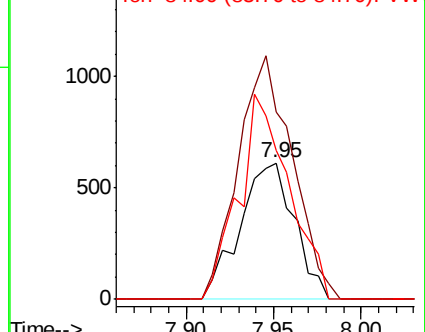
56 100

69 137.2 28.9 43.3#

84 109.5 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



#33

1,2-Dichloroethane-d4

Concen: 43.815 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007485.D

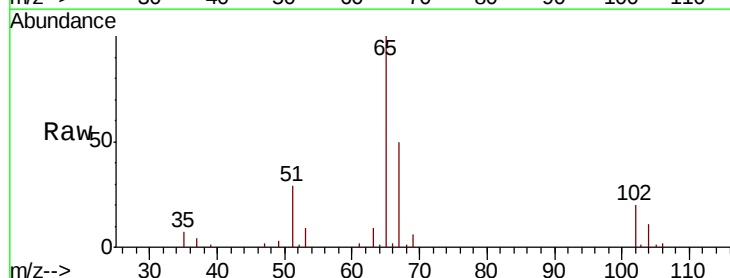
Acq: 13 Dec 2018 13:52

Tgt Ion: 65 Resp: 31600

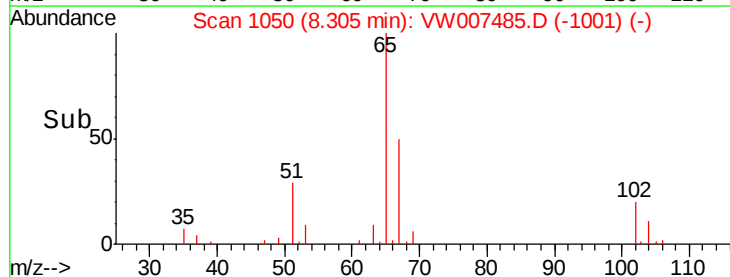
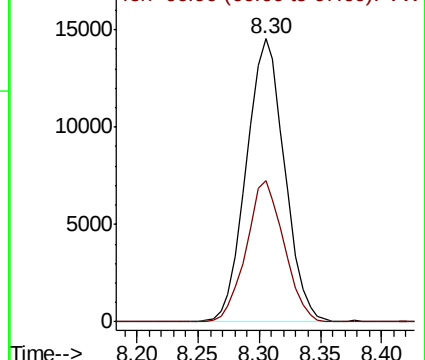
Ion Ratio Lower Upper

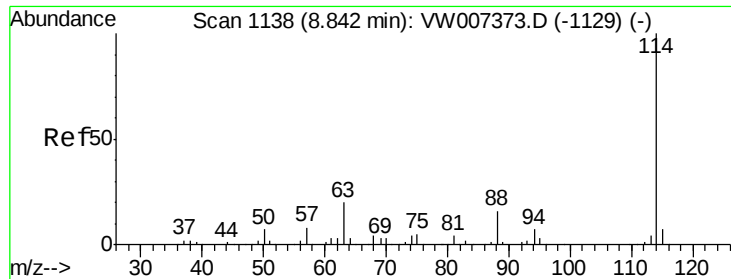
65 100

67 49.1 0.0 101.6



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

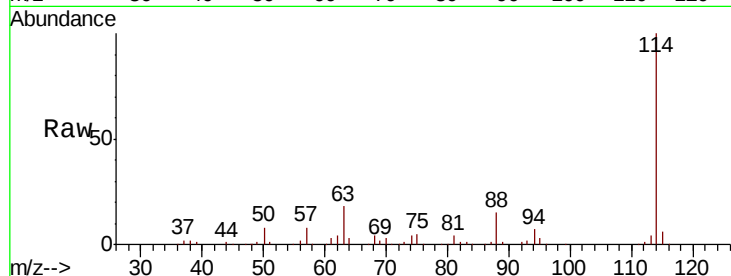




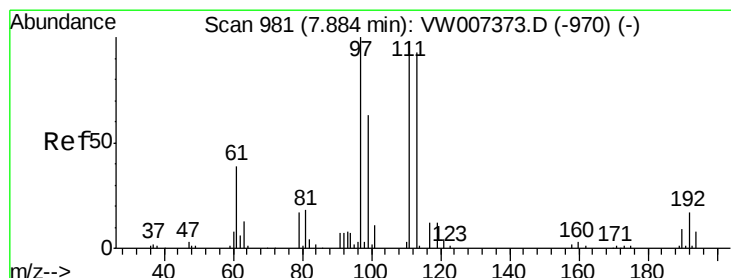
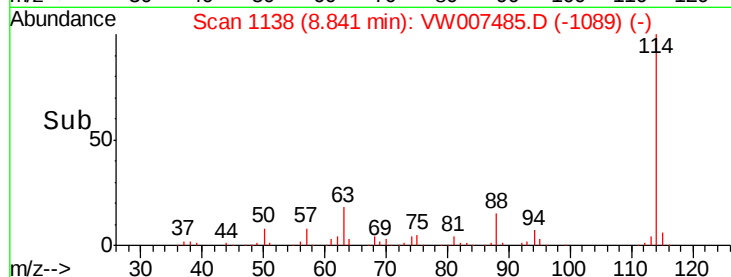
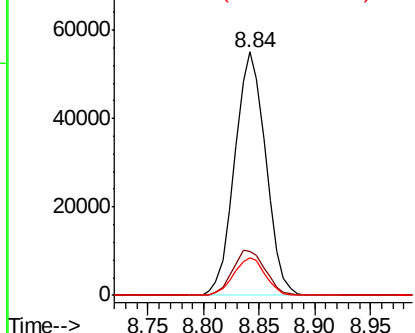
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007485.D
Acq: 13 Dec 2018 13:52

Instrument :
MSVOA_W
ClientSampleId :
SB-07B

Tot Ion:114 Resp: 106212
Ion Ratio Lower Upper
114 100
63 18.2 0.0 39.6
88 15.2 0.0 31.4

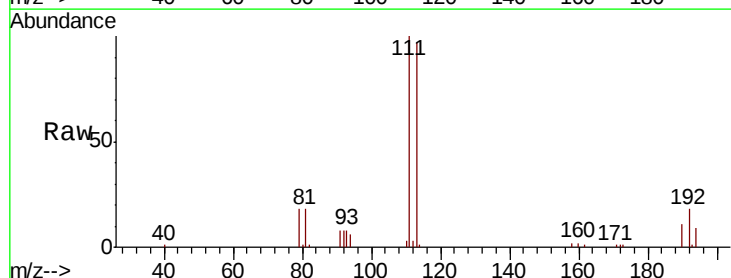


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

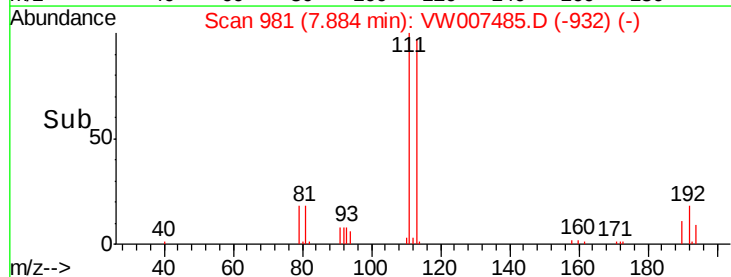
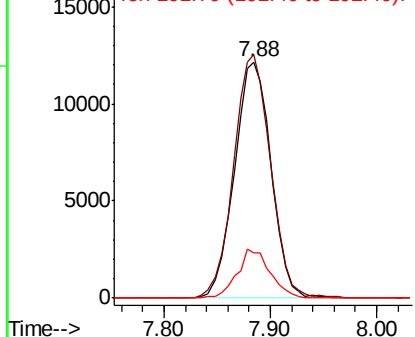


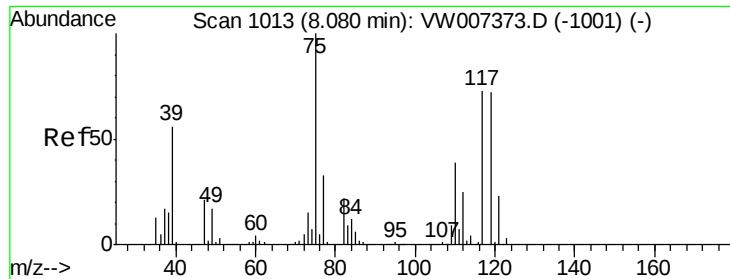
#35
Dibromofluoromethane
Concen: 45.708 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007485.D
Acq: 13 Dec 2018 13:52

Tgt Ion:113 Resp: 29388
Ion Ratio Lower Upper
113 100
111 103.5 81.1 121.7
192 18.4 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: 5.067 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007485.D

Acq: 13 Dec 2018 13:52

Instrument :

MSVOA_W

ClientSampleId :

SB-07B

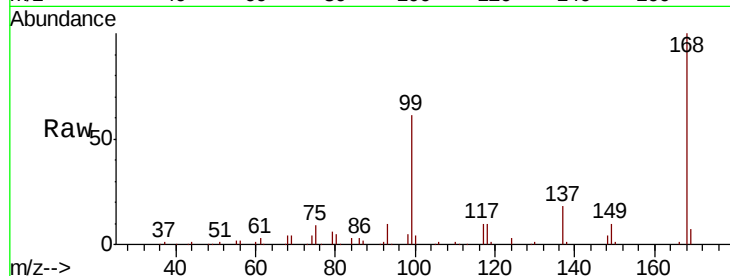
Tot Ion: 75 Resp: 4909

Ion Ratio Lower Upper

75 100

110 9.7 18.5 55.5#

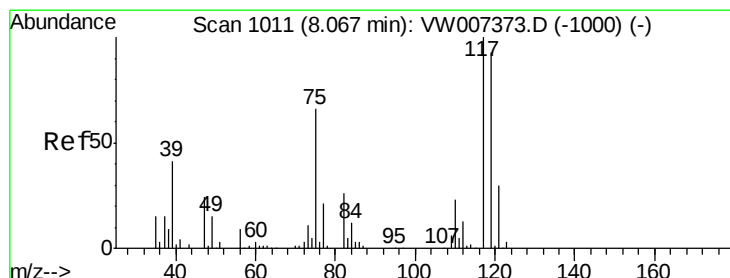
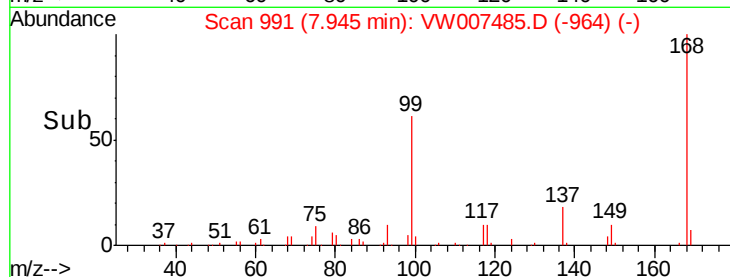
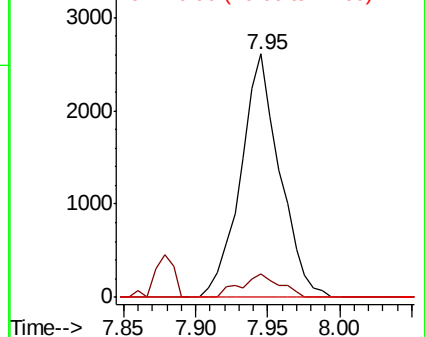
77 0.0 25.6 38.4#



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: 6.274 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007485.D

Acq: 13 Dec 2018 13:52

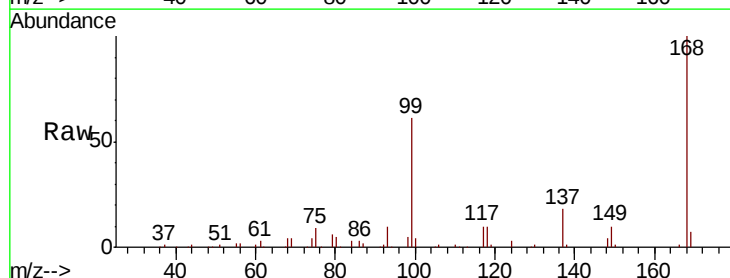
Tgt Ion: 117 Resp: 6614

Ion Ratio Lower Upper

117 100

119 5.2 74.3 111.5#

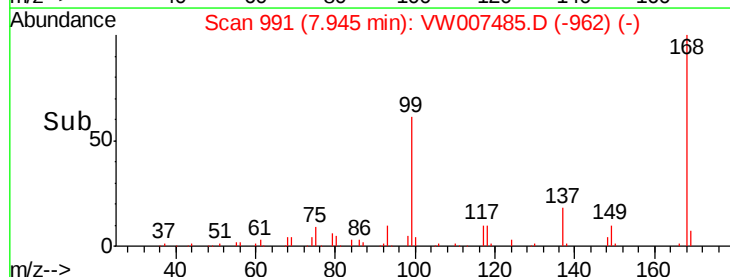
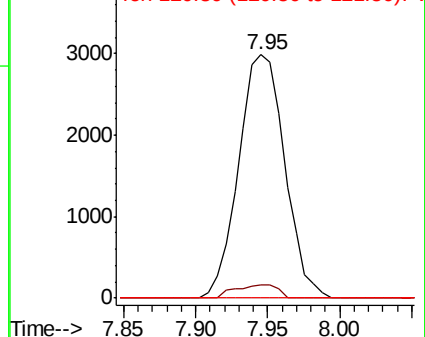
121 0.0 24.3 36.5#

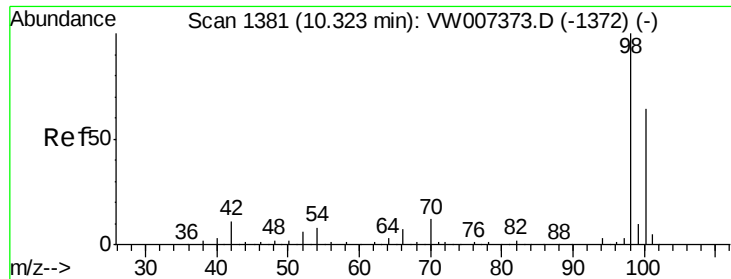


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 37.123 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007485.D

Acq: 13 Dec 2018 13:52

Instrument :

MSVOA_W

ClientSampleId :

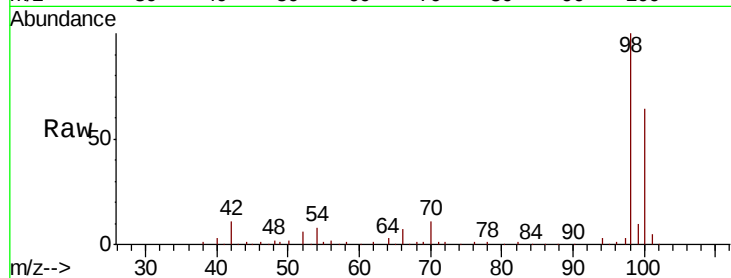
SB-07B

Tot Ion: 98 Resp: 89492

Ion Ratio Lower Upper

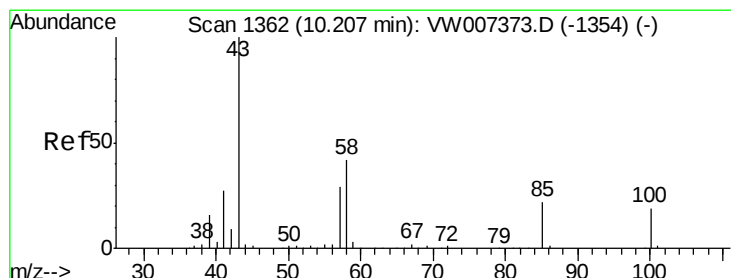
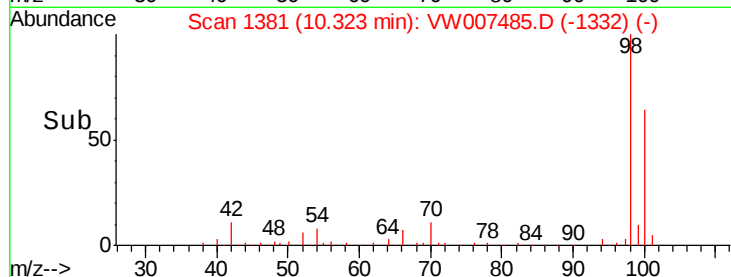
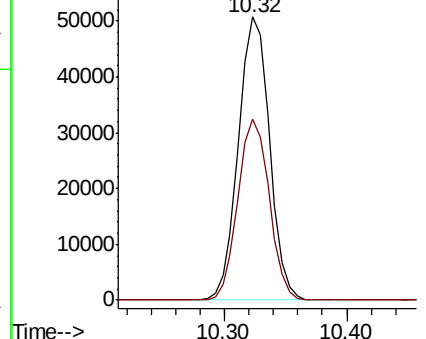
98 100

100 64.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.174 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW007485.D

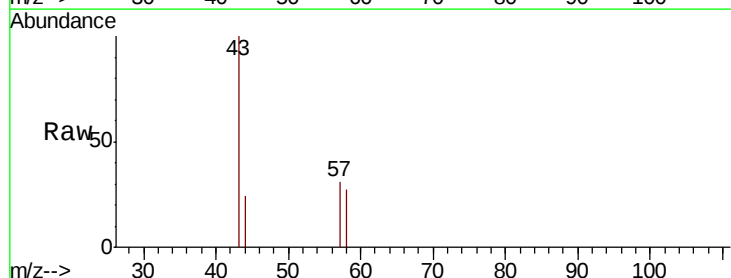
Acq: 13 Dec 2018 13:52

Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

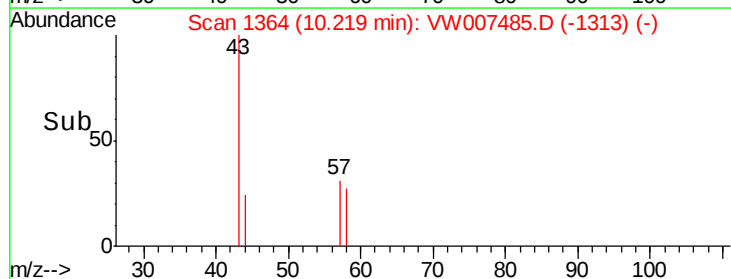
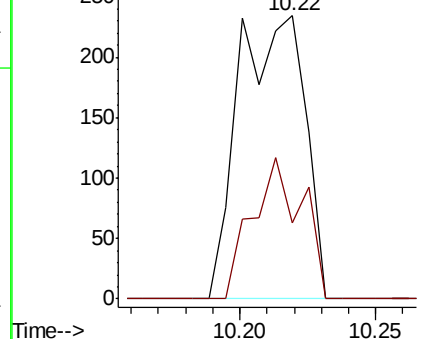
43 100

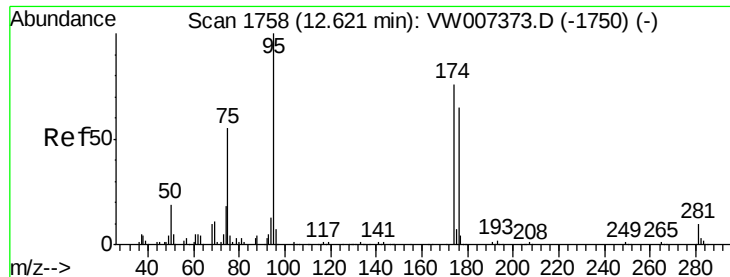
58 37.5 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

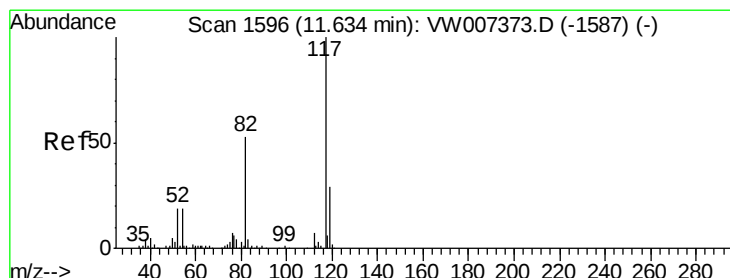
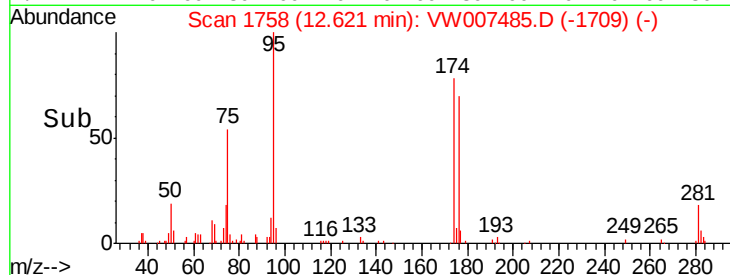
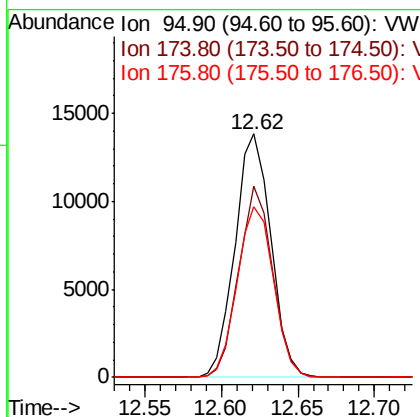
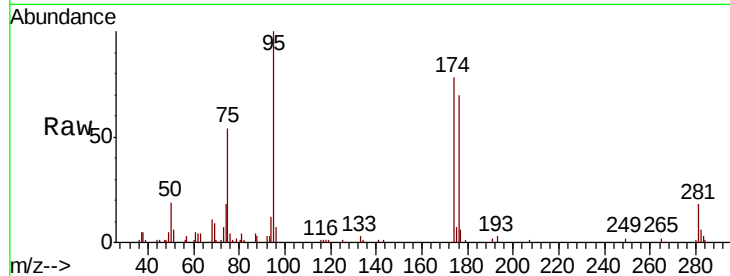




#62
4-Bromofluorobenzene
Concen: 25.395 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007485.D
Acq: 13 Dec 2018 13:52

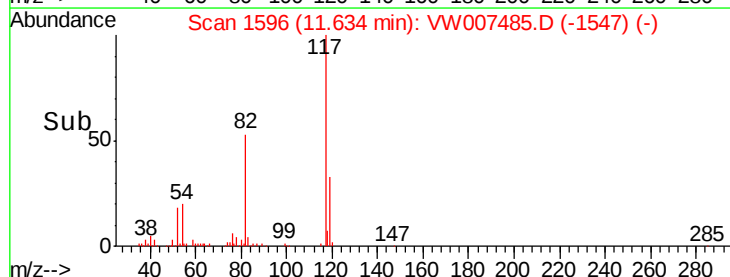
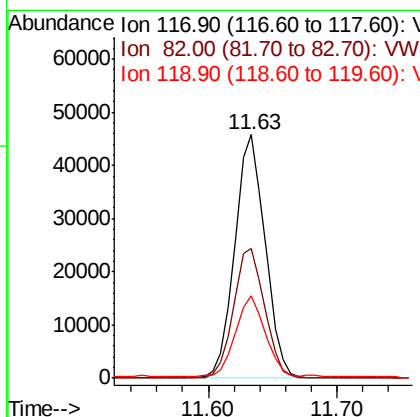
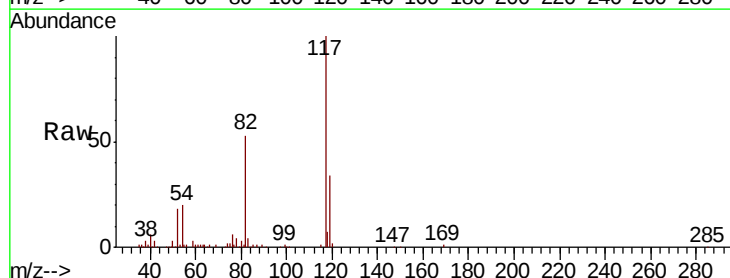
Instrument :
MSVOA_W
ClientSampled :
SB-07B

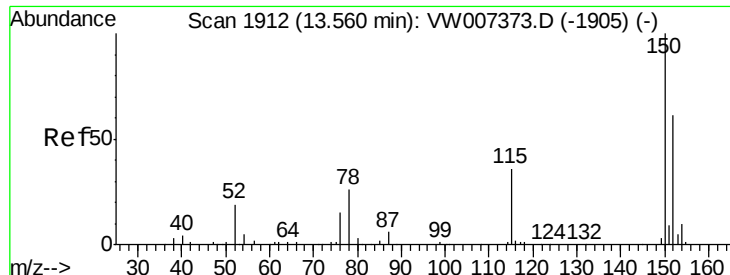
Tot Ion	95	Resp	22509
Ion Ratio	Lower	Upper	
95	100		
174	74.4	0.0	147.2
176	71.1	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007485.D
Acq: 13 Dec 2018 13:52

Tgt Ion	117	Resp	74832
Ion Ratio	Lower	Upper	
117	100		
82	53.5	42.3	63.5
119	32.9	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: VW007485.D

Acq: 13 Dec 2018 13:52

Instrument :

MSVOA_W

ClientSampleId :

SB-07B

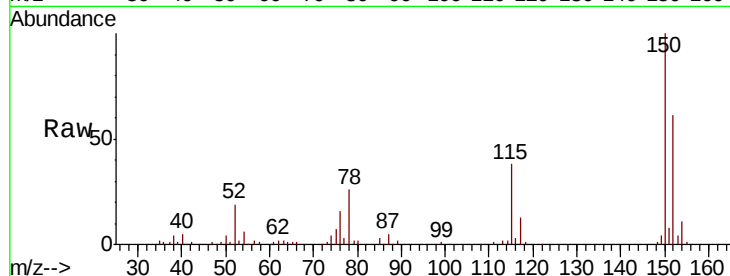
Tot Ion:152 Resp: 20450

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.2

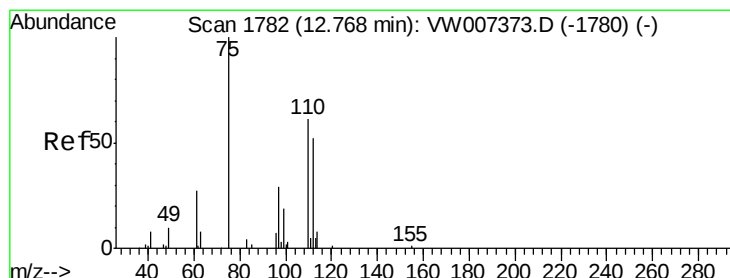
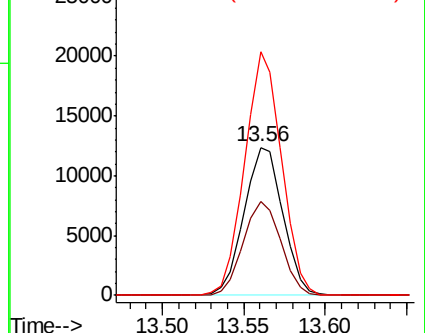
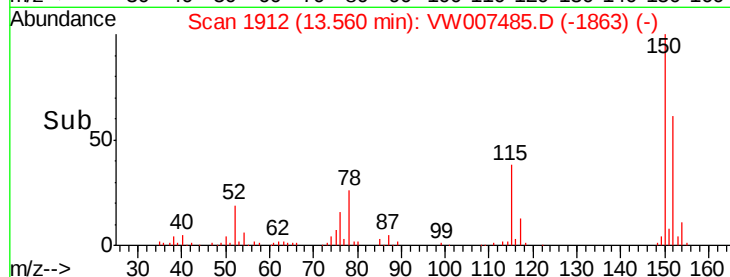
150 157.0 0.0 358.4



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: 68.279 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007485.D

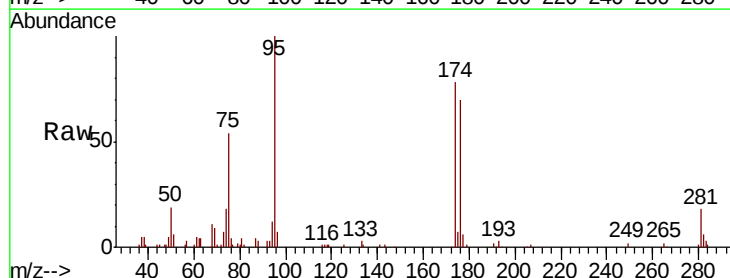
Acq: 13 Dec 2018 13:52

Tgt Ion: 75 Resp: 11513

Ion Ratio Lower Upper

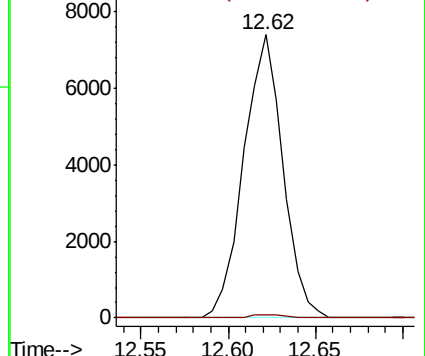
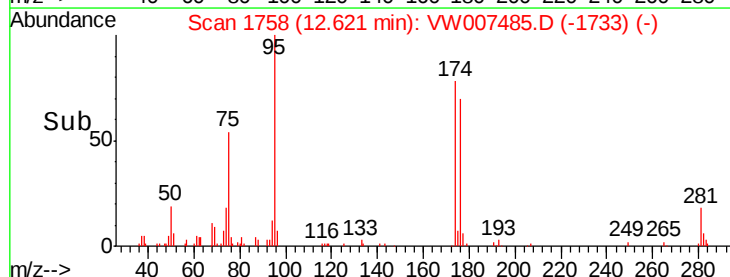
75 100

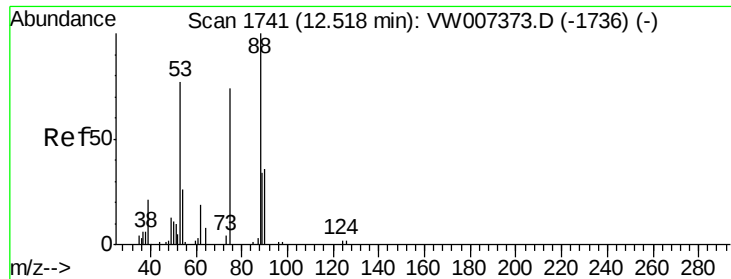
77 1.0 166.9 500.8#



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: 150.830 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007485.D

Acq: 13 Dec 2018 13:52

Instrument :

MSVOA_W

ClientSampleId :

SB-07B

Tot Ion: 75 Resp: 11513

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

