

Data File : VW006830.D
Acq On : 13 Nov 2018 03:09
Operator : SY/AP
Sample : J5909-11
Misc : 6.38G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-15-D

Quant Time: Nov 13 03:36:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	388015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	540025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	522521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	265133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135064	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	7.89	113	139243	43.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.60%	
50) Toluene-d8	10.33	98	563286	42.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.52%	
62) 4-Bromofluorobenzene	12.62	95	192438	39.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.40%	

Target Compounds

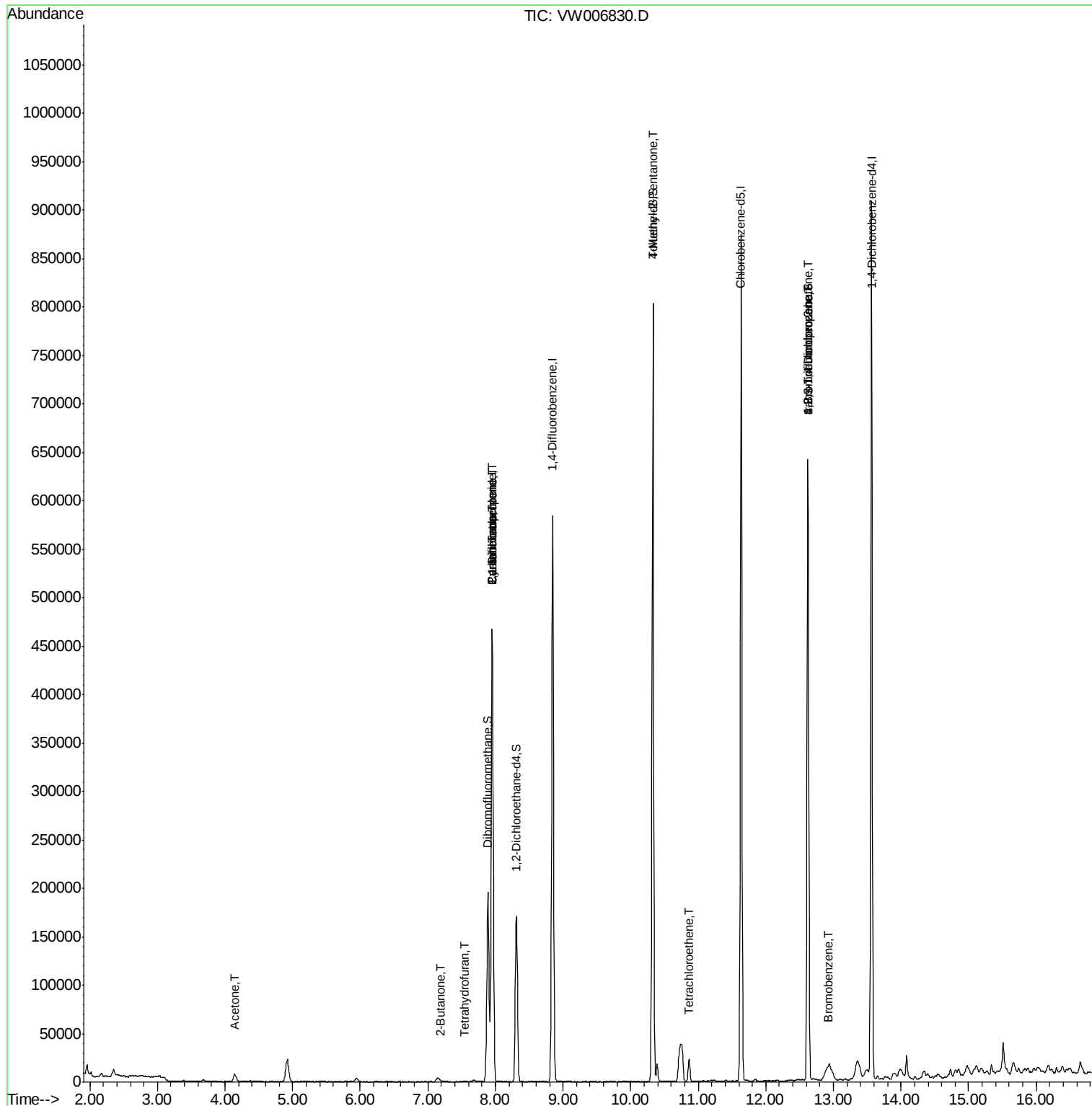
						Qvalue
16) Acetone	4.14	43	14150	34.736	ug/l	99
25) 2-Butanone	7.19	43	1427	2.071	ug/l #	84
29) Tetrahydrofuran	7.54	42	454	1.030	ug/l #	65
31) Cyclohexane	7.95	56	5847	1.076	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	22579	4.468	ug/l #	48
38) Carbon Tetrachloride	7.95	117	32485	5.914	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	2074	1.287	ug/l #	1
64) Tetrachloroethene	10.87	164	5572	1.331	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	92077	48.190	ug/l #	100
77) Bromobenzene	12.91	156	11997	2.586	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	92077	119.201	ug/l #	13

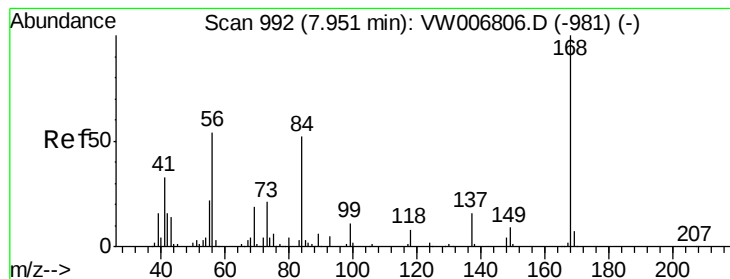
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW006830.D
Acq On : 13 Nov 2018 03:09
Operator : SY/AP
Sample : J5909-11
Misc : 6.38G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-15-D

Quant Time: Nov 13 03:36:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 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: VW006830.D

Acq: 13 Nov 2018 03:09

Instrument :

MSVOA_W

ClientSampleId :

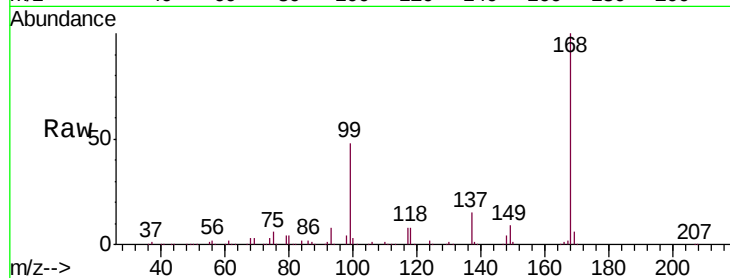
SB-15-D

Tgt Ion:168 Resp: 388015

Ion Ratio Lower Upper

168 100

99 47.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

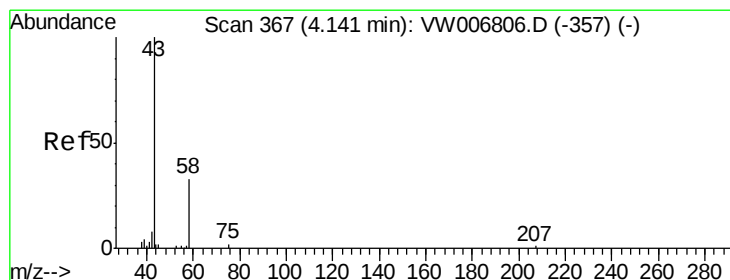
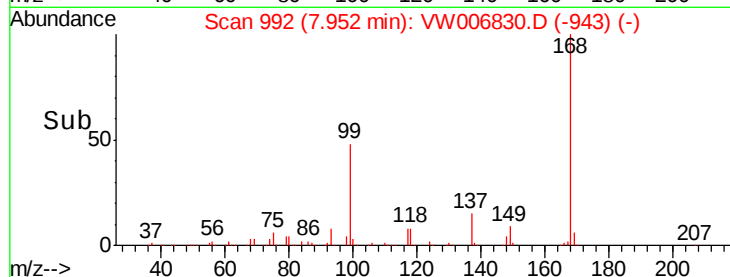
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 34.736 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006830.D

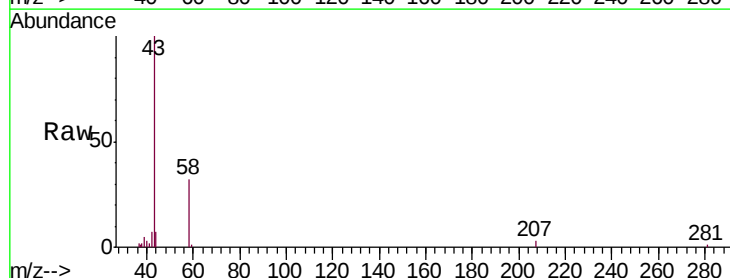
Acq: 13 Nov 2018 03:09

Tgt Ion: 43 Resp: 14150

Ion Ratio Lower Upper

43 100

58 32.5 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

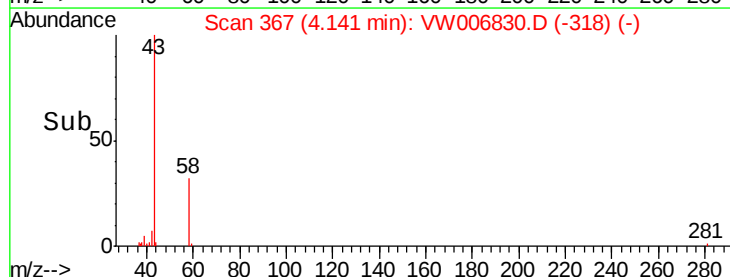
3000

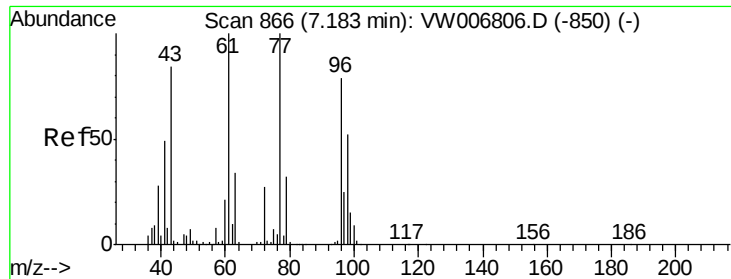
2000

1000

0

Time-->





#25

2-Butanone

Concen: 2.071 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006830.D

Acq: 13 Nov 2018 03:09

Instrument :

MSVOA_W

ClientSampleId :

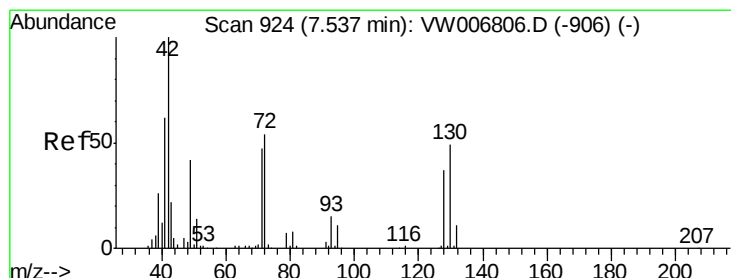
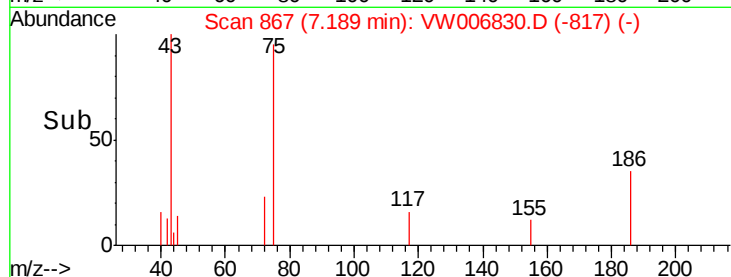
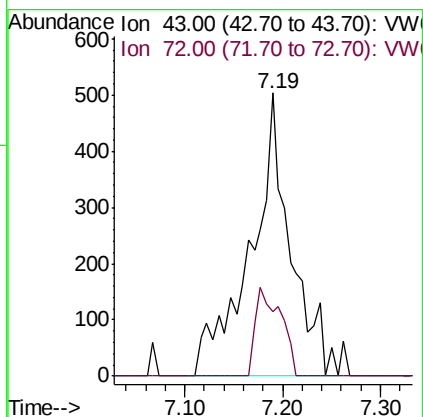
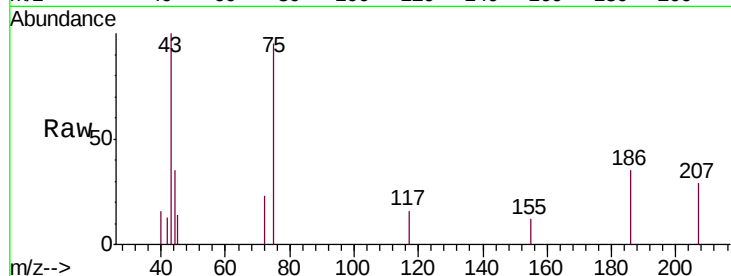
SB-15-D

Tgt Ion: 43 Resp: 1427

Ion Ratio Lower Upper

43 100

72 22.9 25.3 37.9#



#29

Tetrahydrofuran

Concen: 1.030 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW006830.D

Acq: 13 Nov 2018 03:09

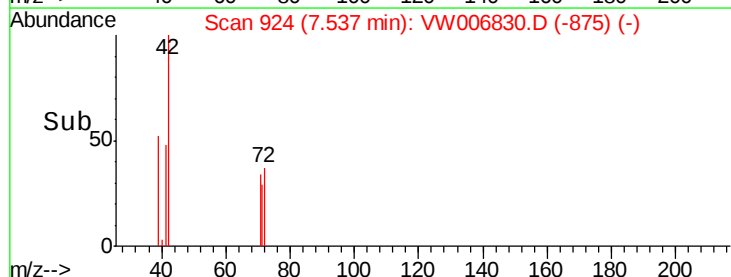
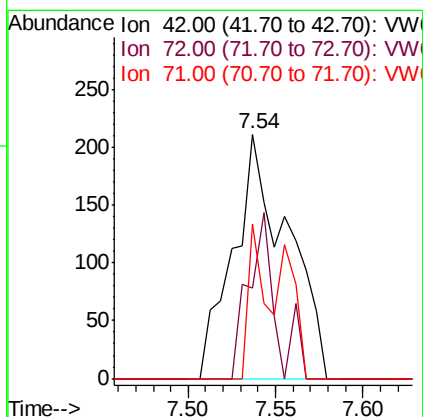
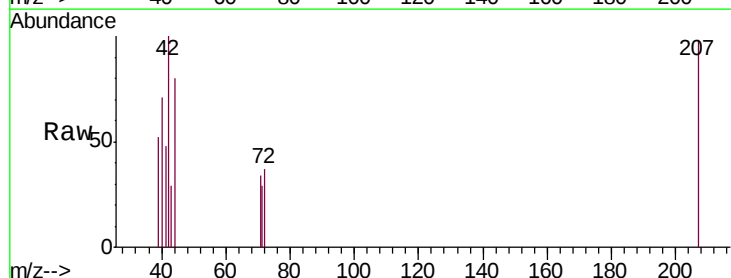
Tgt Ion: 42 Resp: 454

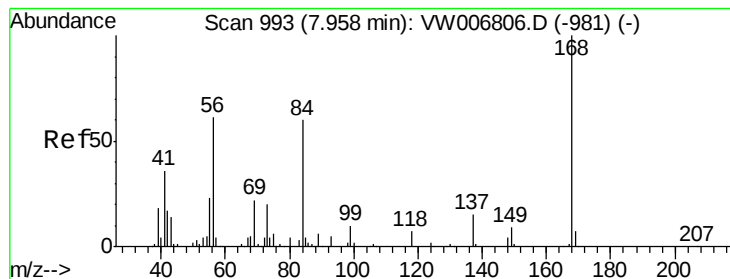
Ion Ratio Lower Upper

42 100

72 28.9 40.9 61.3#

71 20.5 36.9 55.3#





#31

Cyclohexane

Concen: 1.076 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006830.D

Acq: 13 Nov 2018 03:09

Instrument :

MSVOA_W

ClientSampled :

SB-15-D

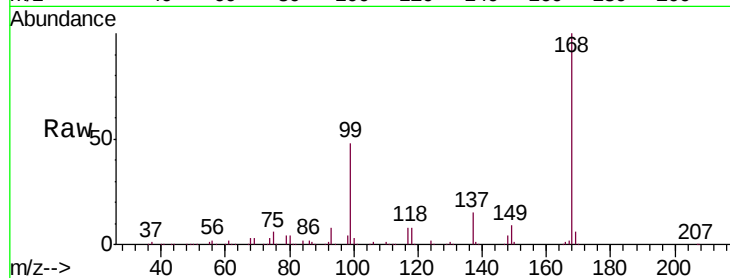
Tgt Ion: 56 Resp: 5847

Ion Ratio Lower Upper

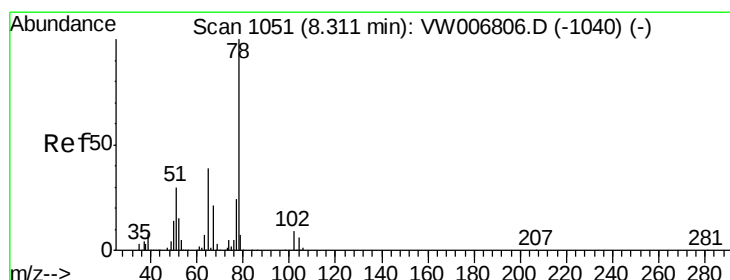
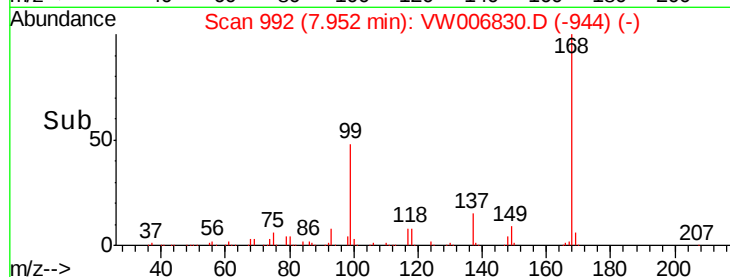
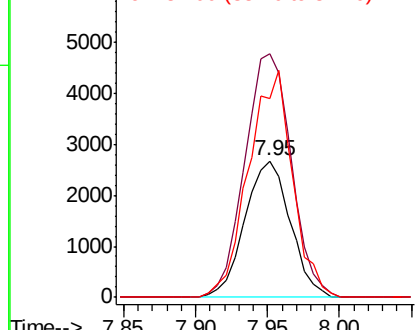
56 100

69 178.3 28.9 43.3#

84 145.2 79.0 118.4#



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: 47.616 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006830.D

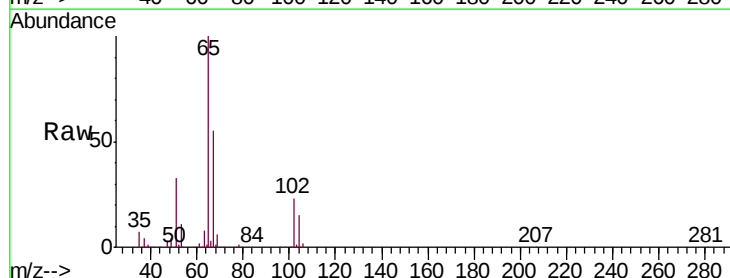
Acq: 13 Nov 2018 03:09

Tgt Ion: 65 Resp: 135064

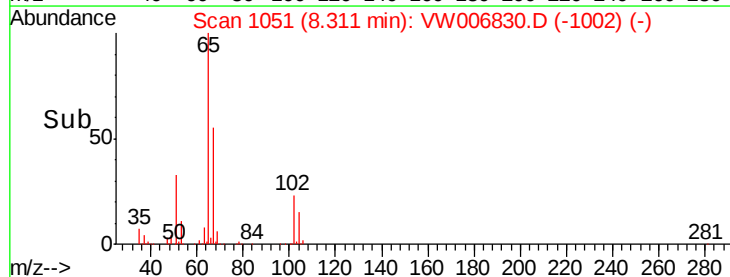
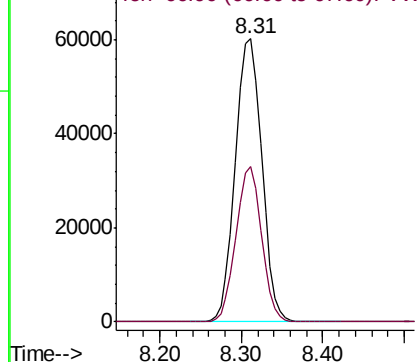
Ion Ratio Lower Upper

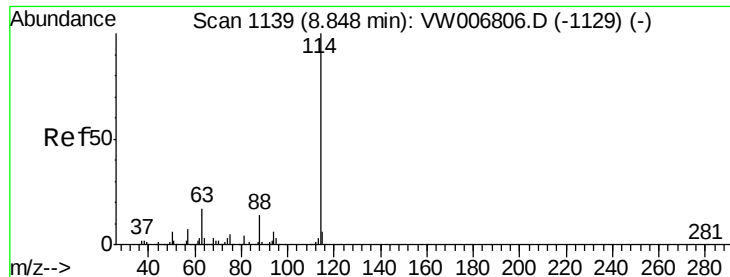
65 100

67 53.0 0.0 104.4



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

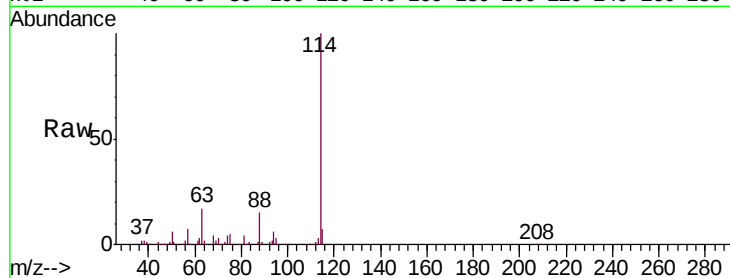




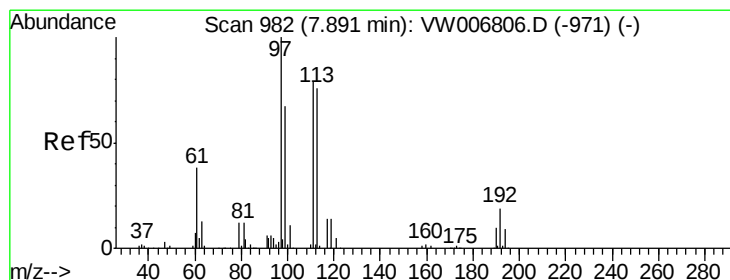
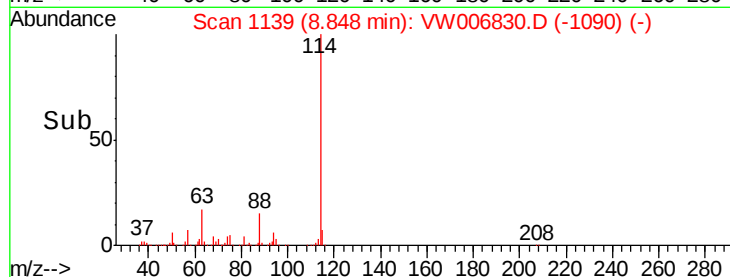
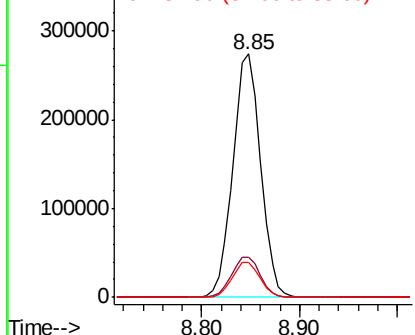
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006830.D
 Acq: 13 Nov 2018 03:09

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15-D

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	33.6
88	14.6	0.0	28.4

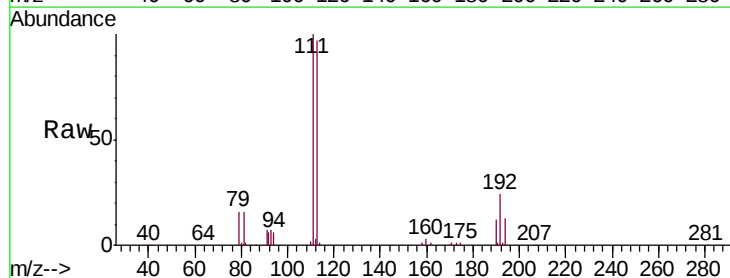


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

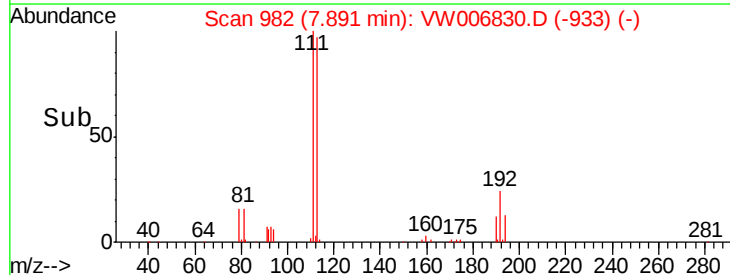
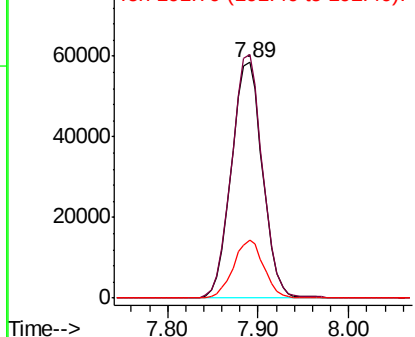


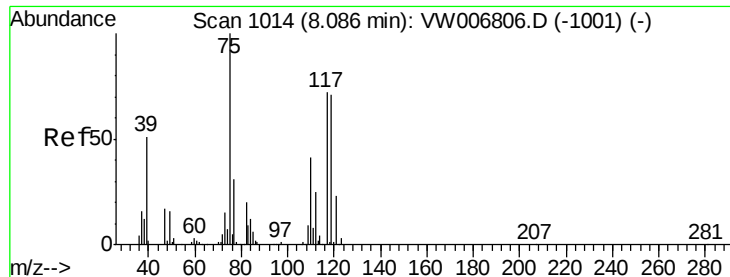
#35
 Dibromofluoromethane
 Concen: 43.301 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006830.D
 Acq: 13 Nov 2018 03:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.6
192	24.1	19.0	28.6



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

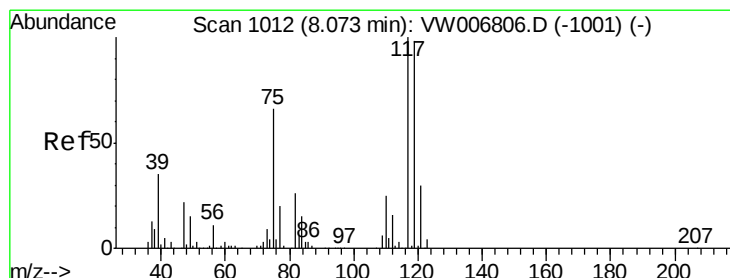
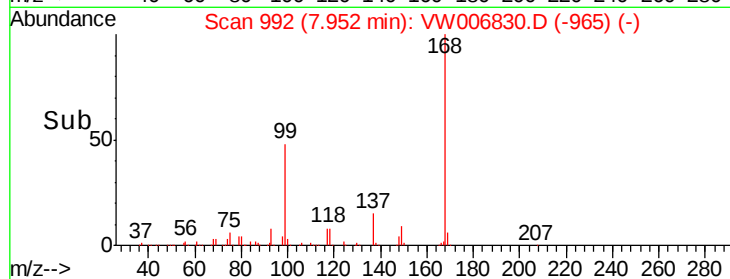
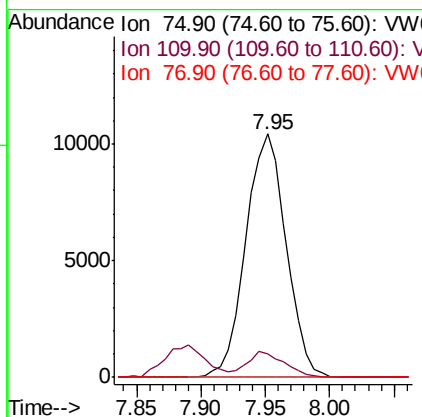
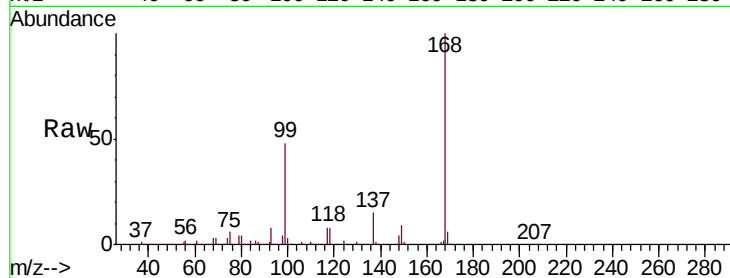




#36
 1,1-Dichloropropene
 Concen: 4.468 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006830.D
 Acq: 13 Nov 2018 03:09

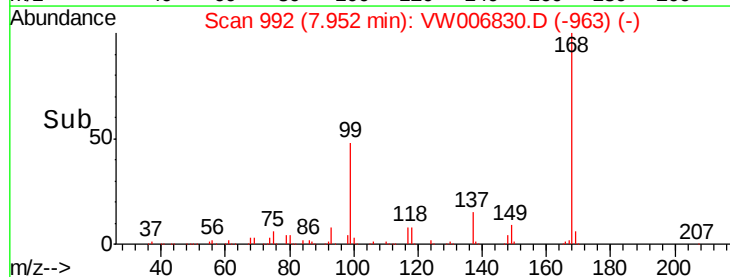
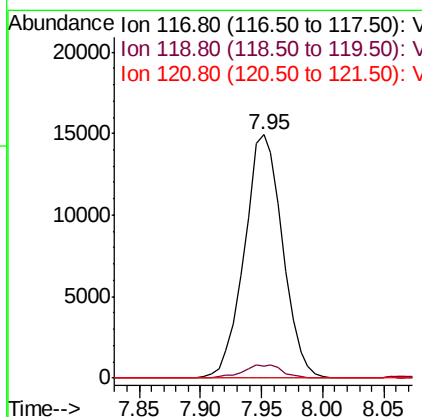
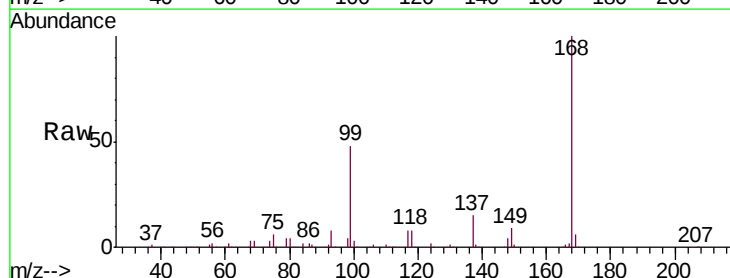
Instrument :
 MSVOA_W
 ClientSampled :
 SB-15-D

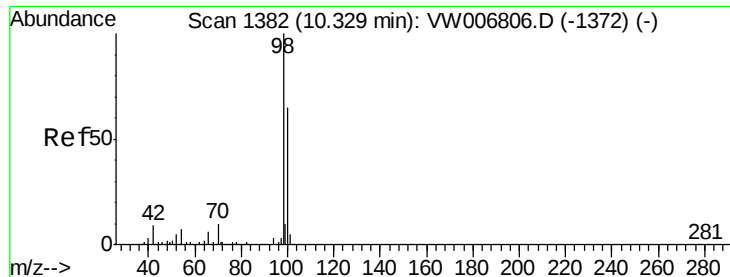
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.9	59.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 5.914 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006830.D
 Acq: 13 Nov 2018 03:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.5	117.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 42.262 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006830.D

Acq: 13 Nov 2018 03:09

Instrument :

MSVOA_W

ClientSampleId :

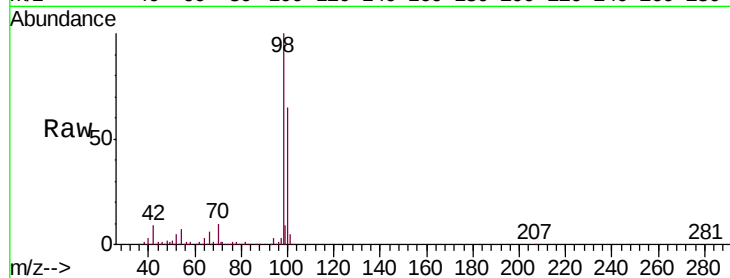
SB-15-D

Tgt Ion: 98 Resp: 563286

Ion Ratio Lower Upper

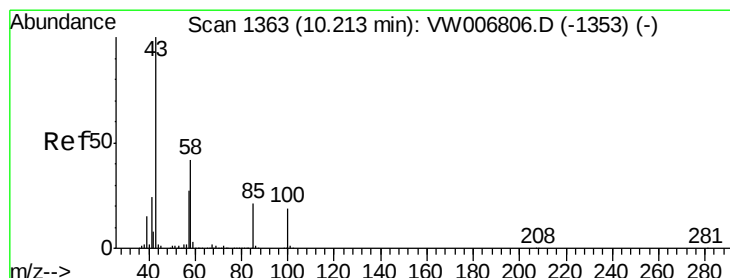
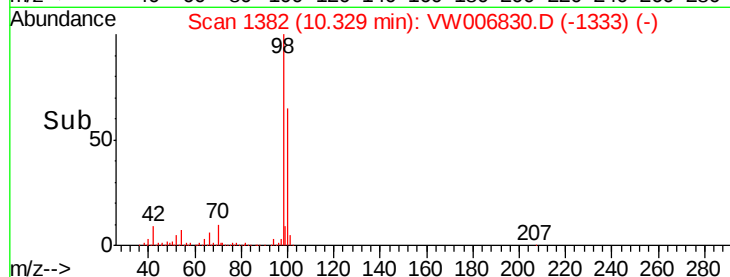
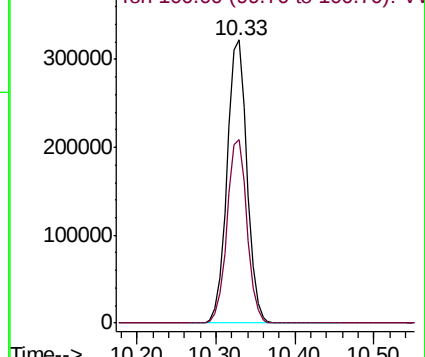
98 100

100 65.0 51.4 77.2



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: 1.287 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006830.D

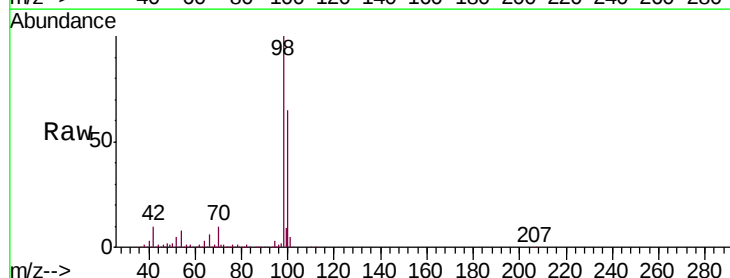
Acq: 13 Nov 2018 03:09

Tgt Ion: 43 Resp: 2074

Ion Ratio Lower Upper

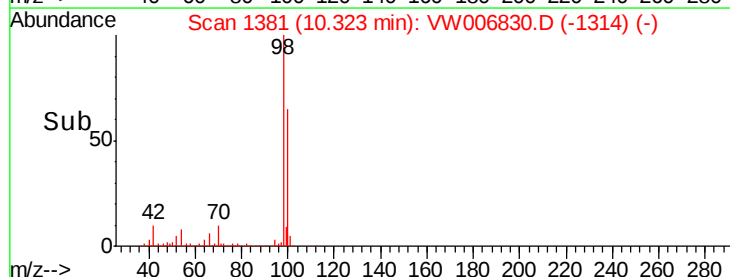
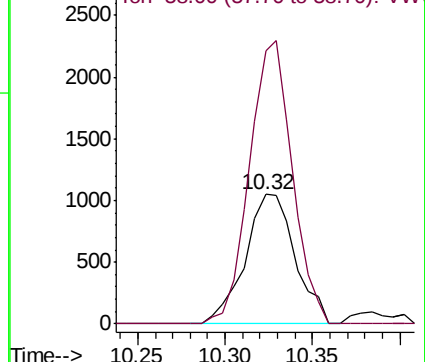
43 100

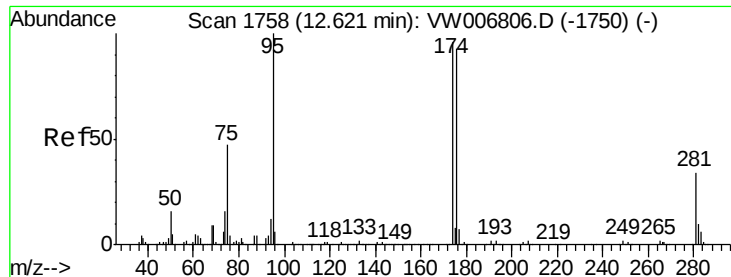
58 188.3 34.0 51.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

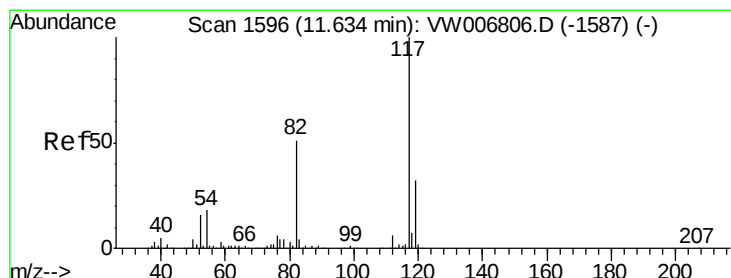
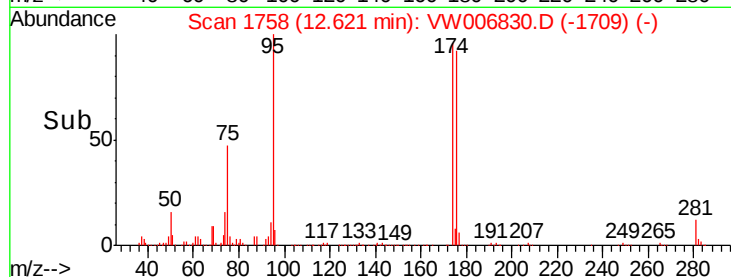
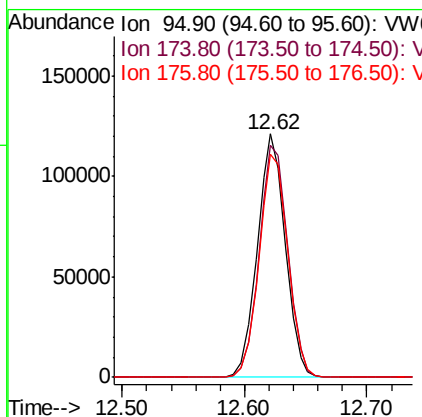
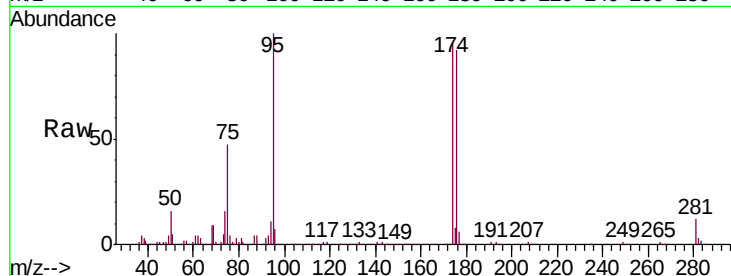




#62
4-Bromofluorobenzene
Concen: 39.201 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006830.D
Acq: 13 Nov 2018 03:09

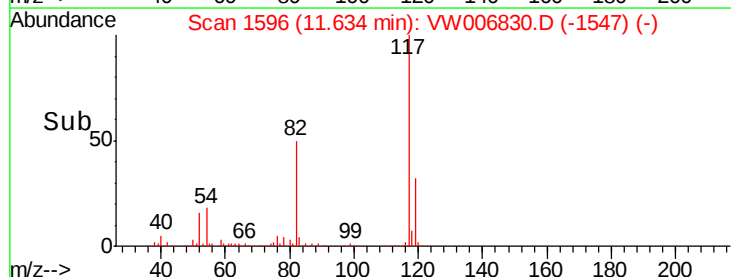
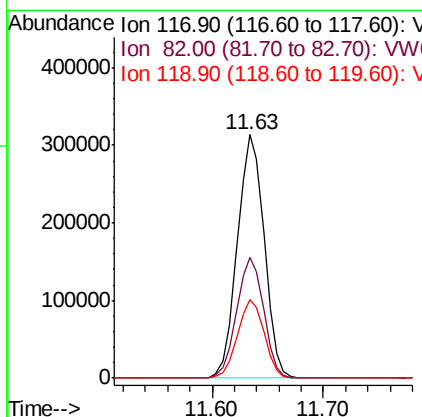
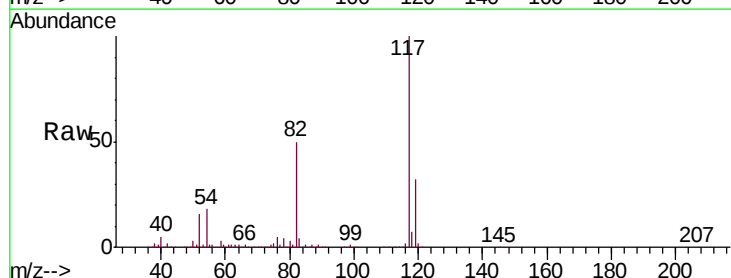
Instrument :
MSVOA_W
ClientSampleId :
SB-15-D

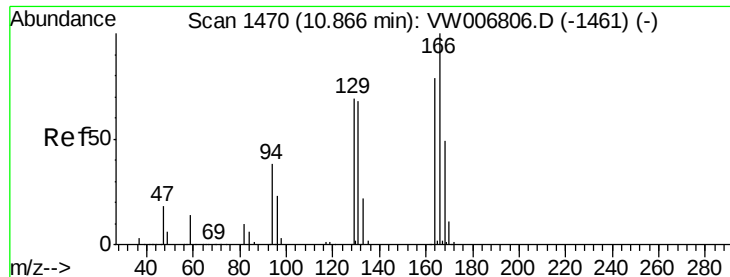
Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	196.6
176	94.9	0.0	191.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006830.D
Acq: 13 Nov 2018 03:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.6	61.0
119	32.3	25.5	38.3





#64

Tetrachloroethene

Concen: 1.331 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW006830.D

Acq: 13 Nov 2018 03:09

Instrument :

MSVOA_W

ClientSampleId :

SB-15-D

Tgt Ion:164 Resp: 5572

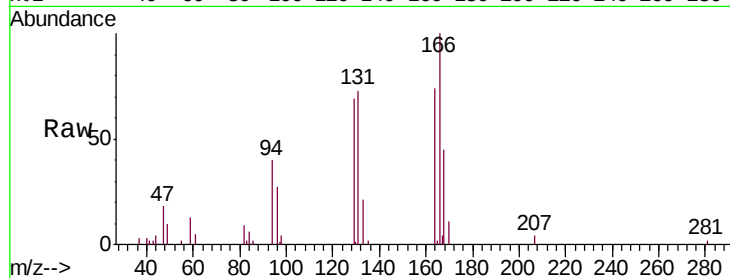
Ion Ratio Lower Upper

164 100

166 134.7 101.3 151.9

129 92.3 69.6 104.4

131 98.0 68.7 103.1

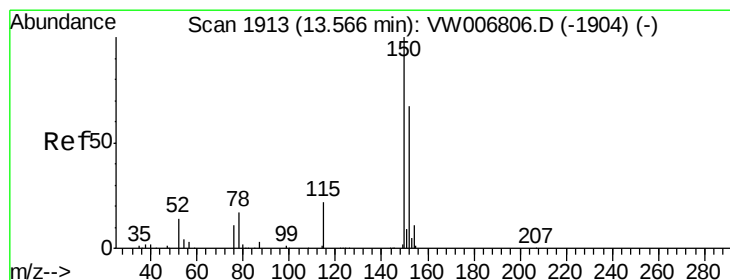
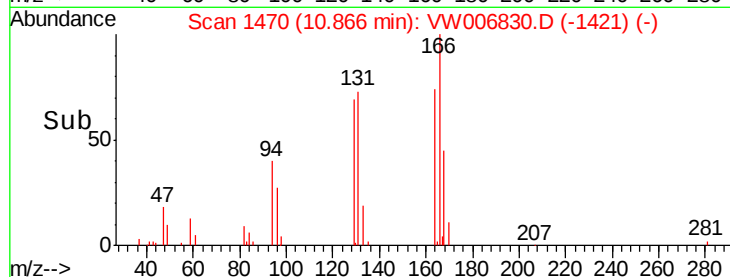
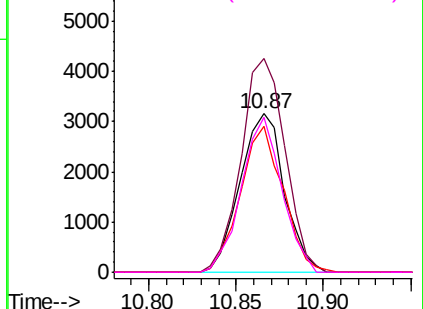


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006830.D

Acq: 13 Nov 2018 03:09

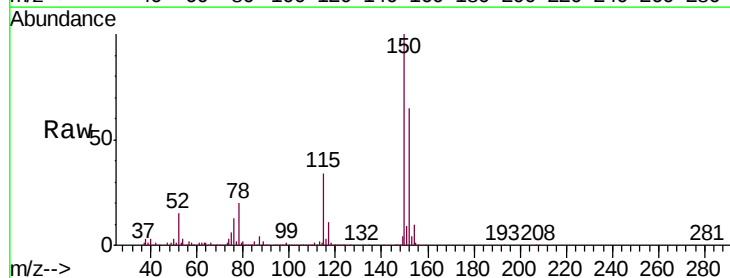
Tgt Ion:152 Resp: 265133

Ion Ratio Lower Upper

152 100

115 53.5 27.3 81.8

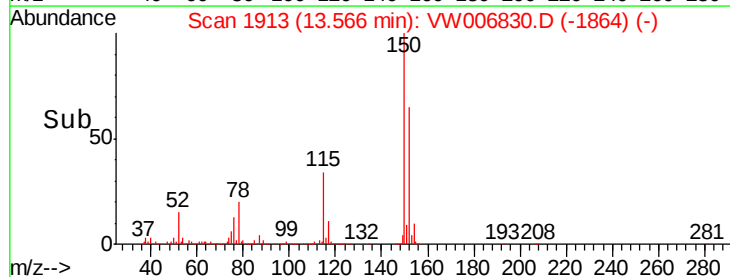
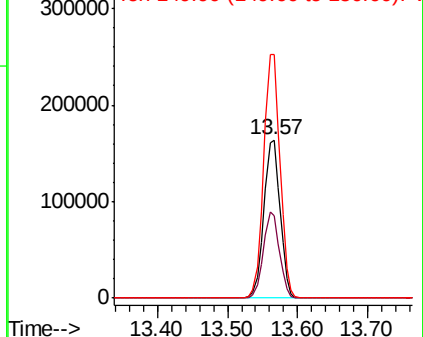
150 154.5 0.0 353.0

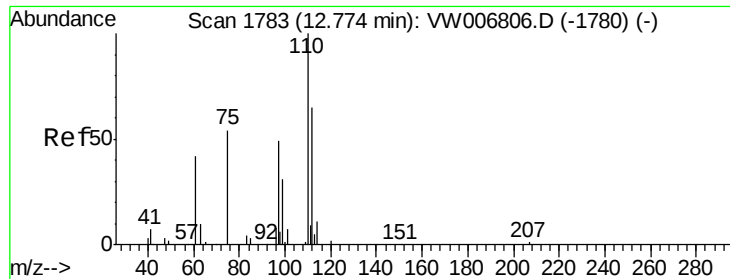


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

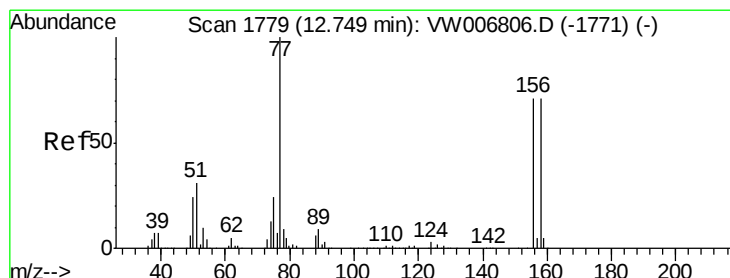
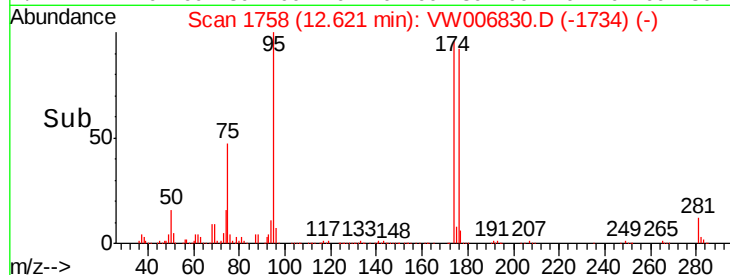
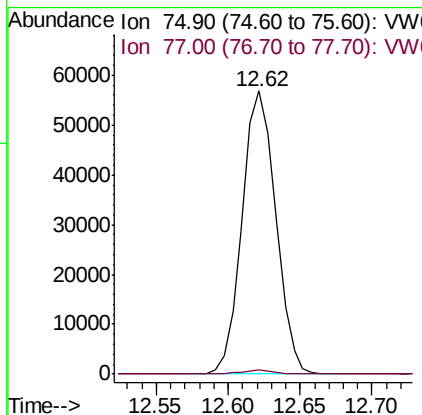
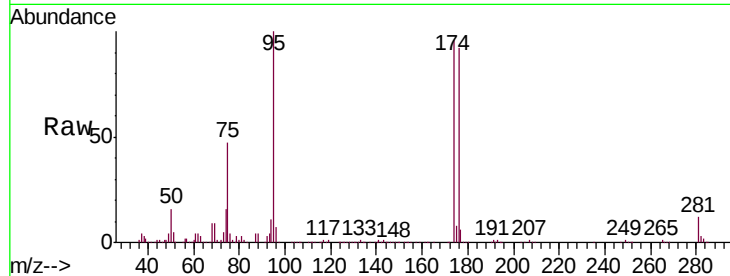




#76
 1,2,3-Trichloropropane
 Concen: 48.190 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006830.D
 Acq: 13 Nov 2018 03:09

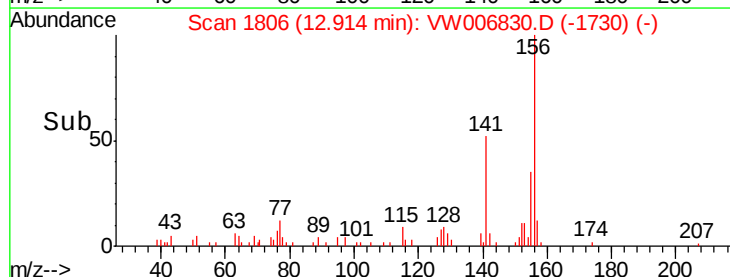
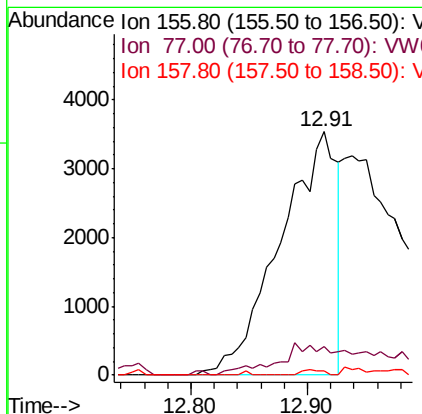
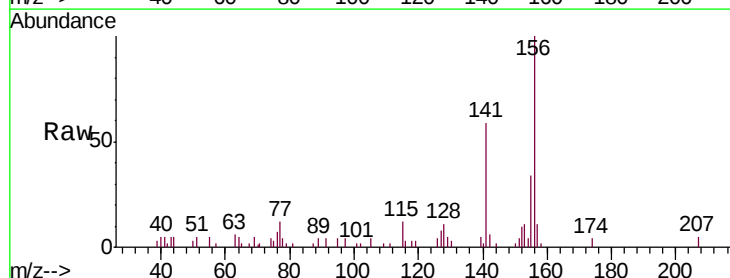
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15-D

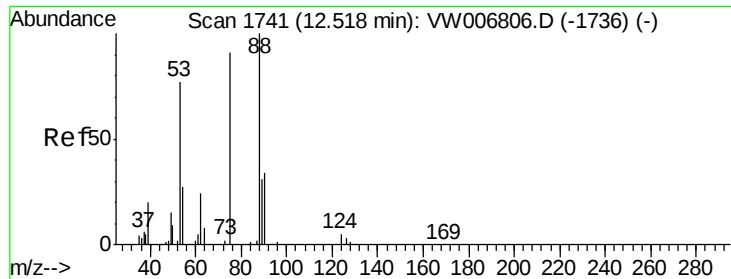
Tgt Ion: 75 Resp: 92077
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#77
 Bromobenzene
 Concen: 2.586 ug/l
 RT: 12.91 min Scan# 1806
 Delta R.T. 0.16 min
 Lab File: VW006830.D
 Acq: 13 Nov 2018 03:09

Tgt Ion: 156 Resp: 11997
 Ion Ratio Lower Upper
 156 100
 77 0.0 75.3 225.7#
 158 0.8 49.2 147.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 119.201 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006830.D

Acq: 13 Nov 2018 03:09

Instrument :

MSVOA_W

ClientSampleId :

SB-15-D

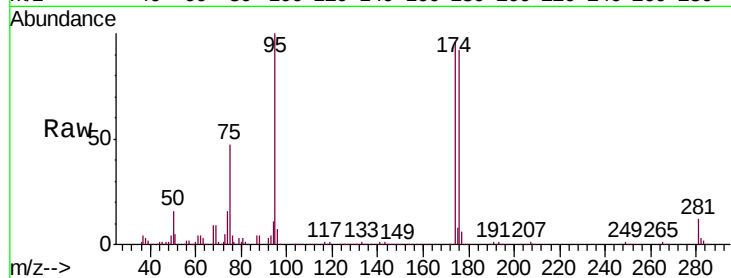
Tgt Ion: 75 Resp: 92077

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 38.7 58.1#



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

