

Data File : VW005915.D
Acq On : 09 Oct 2018 01:54
Operator : SY/AP
Sample : J5302-05
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-5-(14.5-15)

Quant Time: Oct 09 06:16:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	468730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	700775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	645313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	345825	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150497	33.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.14%	
35) Dibromofluoromethane	7.88	113	163226	36.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.96%	
50) Toluene-d8	10.33	98	569248	33.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.14%	
62) 4-Bromofluorobenzene	12.62	95	224888	34.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.68%	

Target Compounds

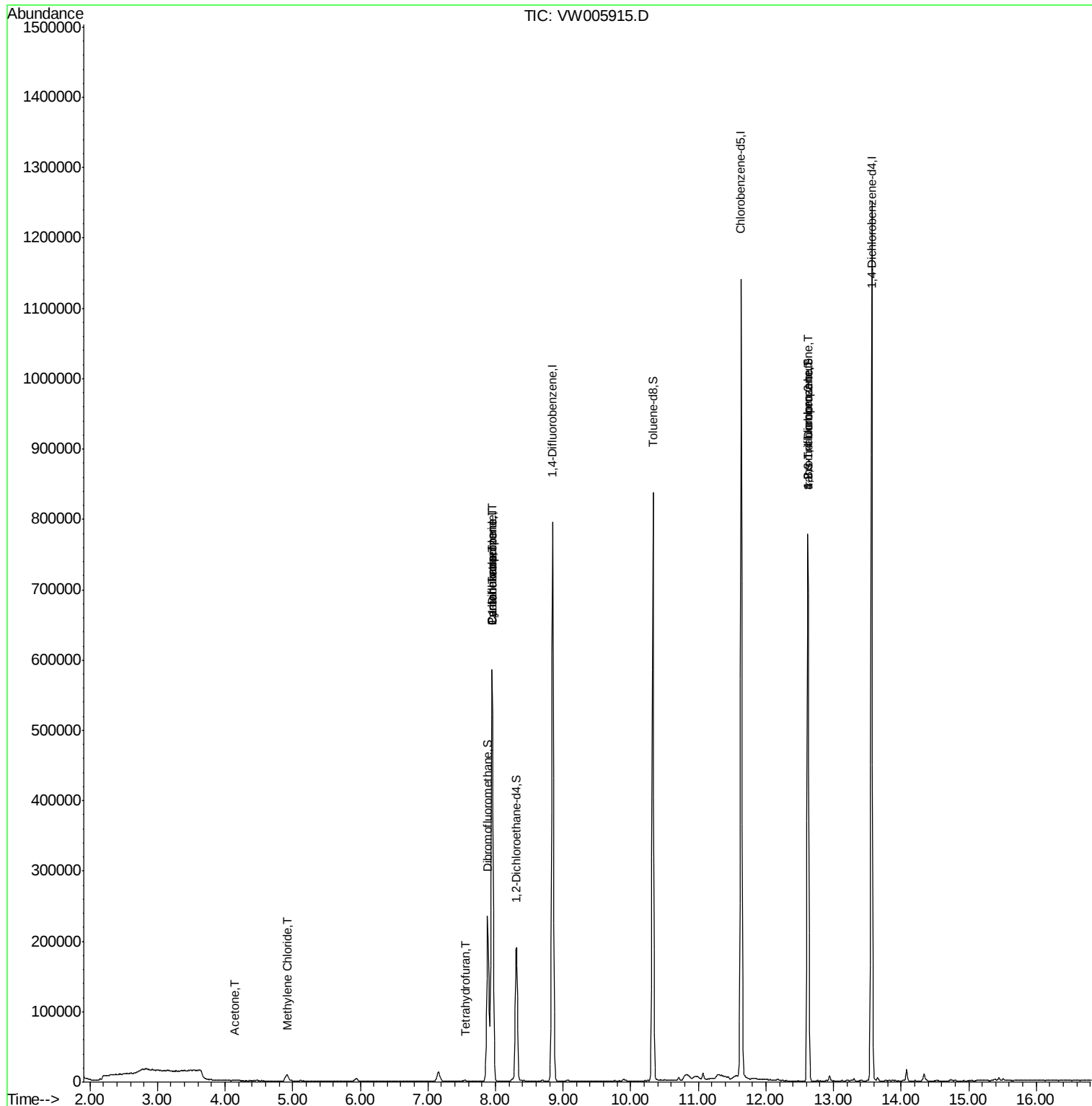
						Qvalue
16) Acetone	4.13	43	2401	2.642	ug/l	98
20) Methylene Chloride	4.91	84	7546	1.657	ug/l	89
29) Tetrahydrofuran	7.55	42	1067	1.306	ug/l #	67
31) Cyclohexane	7.95	56	9092	1.141	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	30771	4.583	ug/l #	49
38) Carbon Tetrachloride	7.95	117	42257	5.857	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	115960	37.538	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	115960	79.246	ug/l #	11

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005915.D

Acq: 09 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

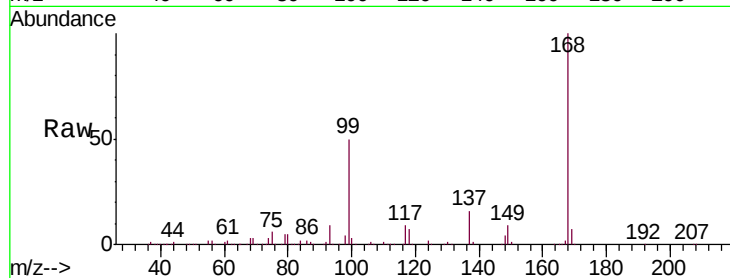
SB-5-(14.5-15)

Tgt Ion:168 Resp: 468730

Ion Ratio Lower Upper

168 100

99 50.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

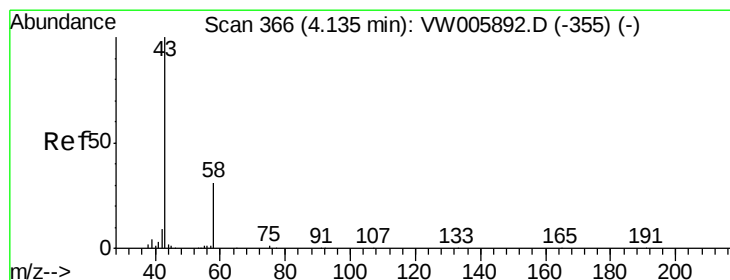
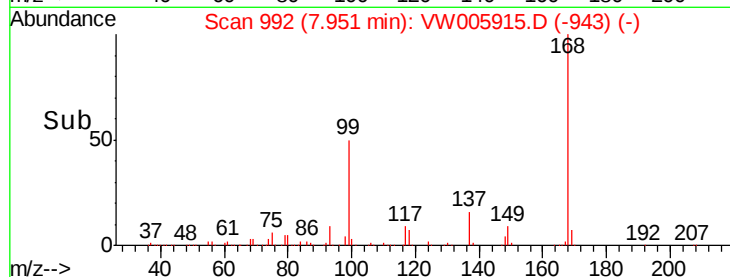
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.642 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005915.D

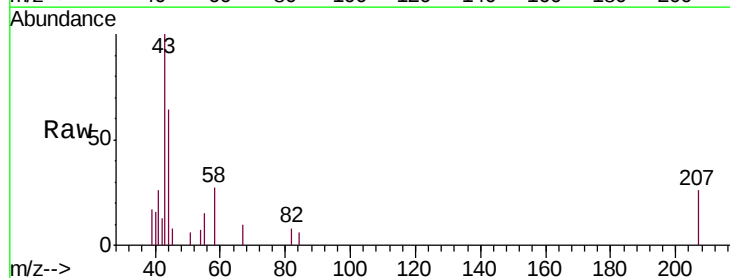
Acq: 09 Oct 2018 01:54

Tgt Ion: 43 Resp: 2401

Ion Ratio Lower Upper

43 100

58 32.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1000

800

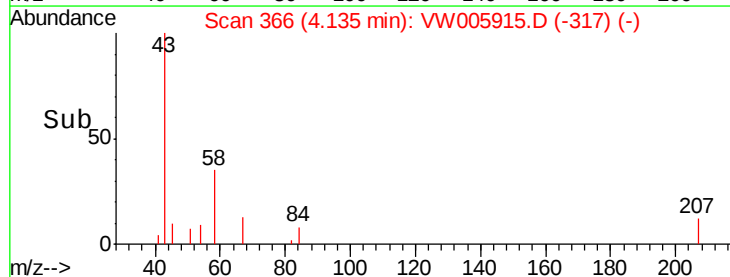
600

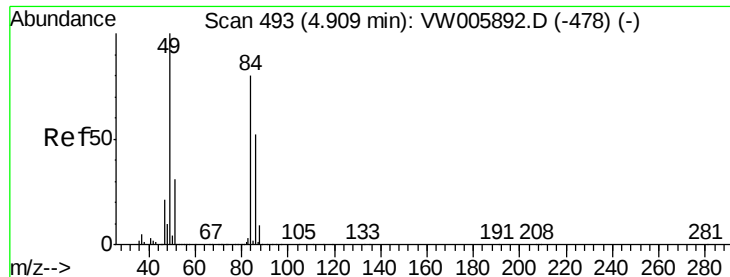
400

200

0

Time-->

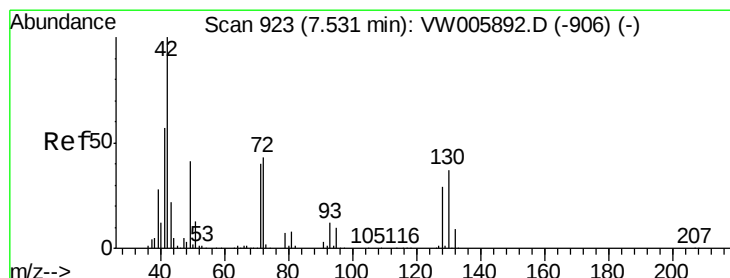
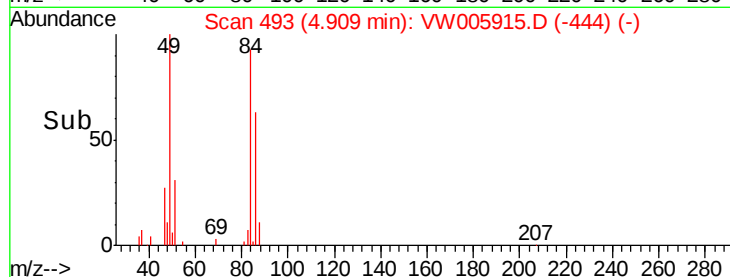
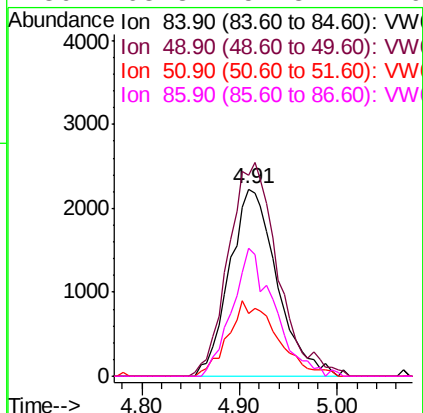
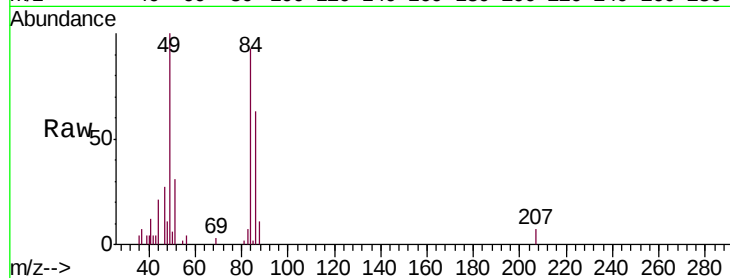




#20
Methylene Chloride
Concen: 1.657 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005915.D
Acq: 09 Oct 2018 01:54

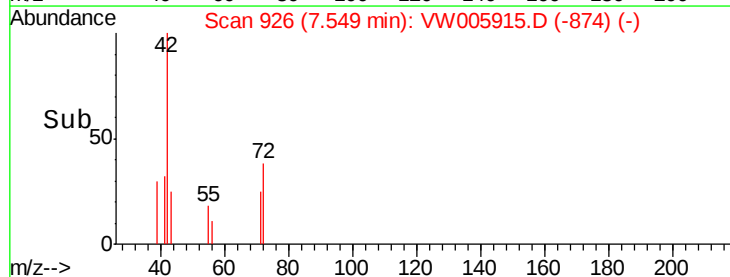
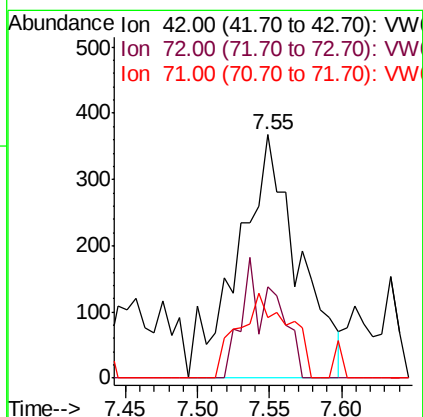
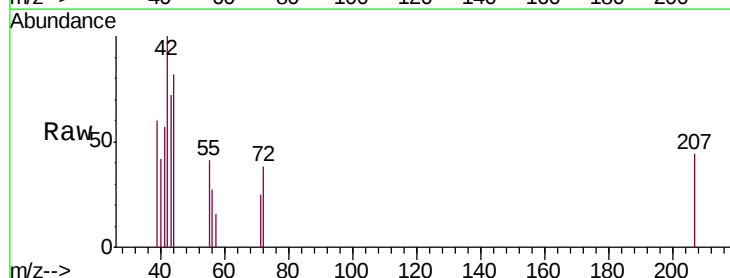
Instrument :
MSVOA_W
ClientSampleId :
SB-5-(14.5-15)

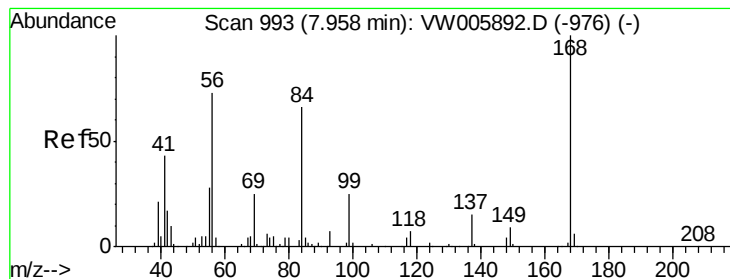
Tgt Ion:	84	Resp:	7546
Ion	Ratio	Lower	Upper
84	100		
49	107.8	99.9	149.9
51	33.6	31.1	46.7
86	68.3	51.8	77.6



#29
Tetrahydrofuran
Concen: 1.306 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW005915.D
Acq: 09 Oct 2018 01:54

Tgt Ion:	42	Resp:	1067
Ion	Ratio	Lower	Upper
42	100		
72	13.6	34.6	51.8#
71	29.2	32.6	49.0#





#31

Cyclohexane

Concen: 1.141 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005915.D

Acq: 09 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(14.5-15)

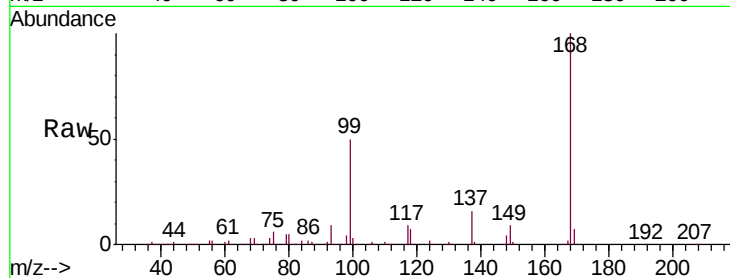
Tgt Ion: 56 Resp: 9092

Ion Ratio Lower Upper

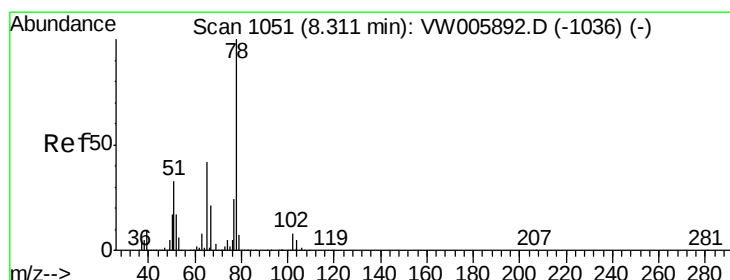
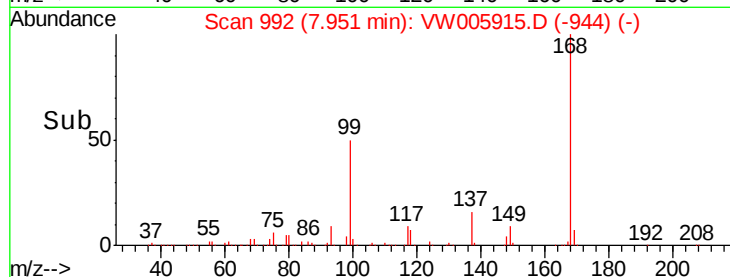
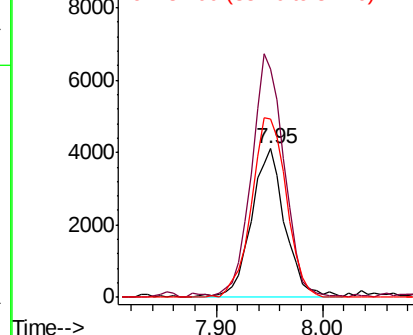
56 100

69 152.5 27.9 41.9#

84 120.2 72.3 108.5#



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: 33.074 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005915.D

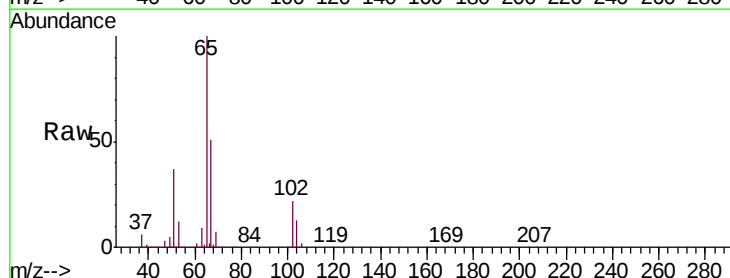
Acq: 09 Oct 2018 01:54

Tgt Ion: 65 Resp: 150497

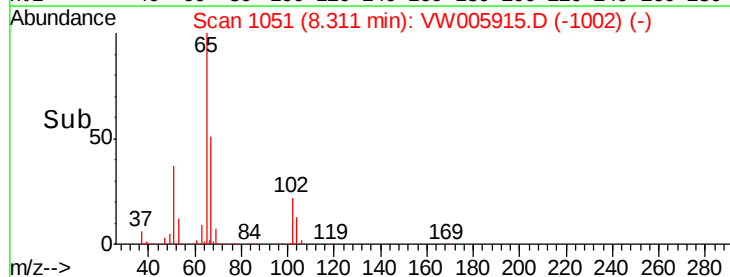
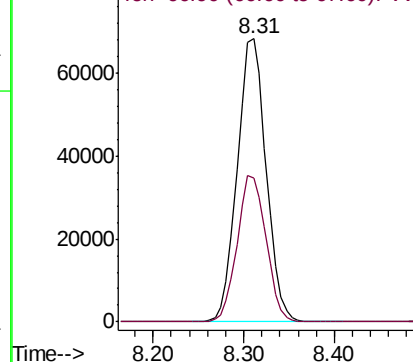
Ion Ratio Lower Upper

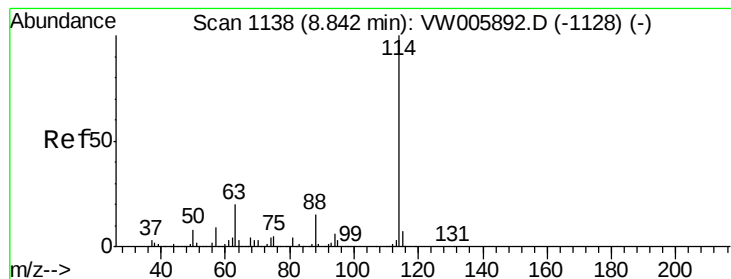
65 100

67 51.9 0.0 104.6



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: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005915.D

Acq: 09 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

SB-5-(14.5-15)

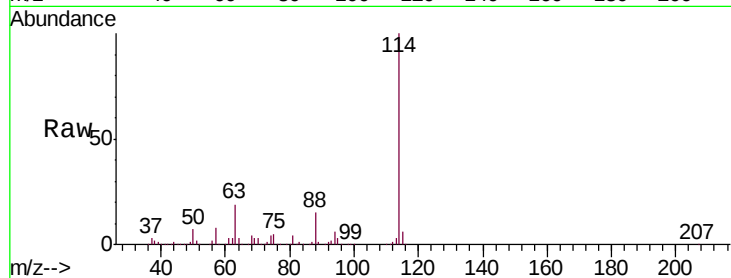
Tgt Ion:114 Resp: 700775

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

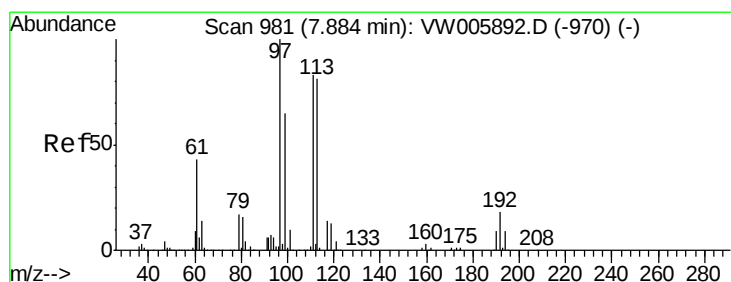
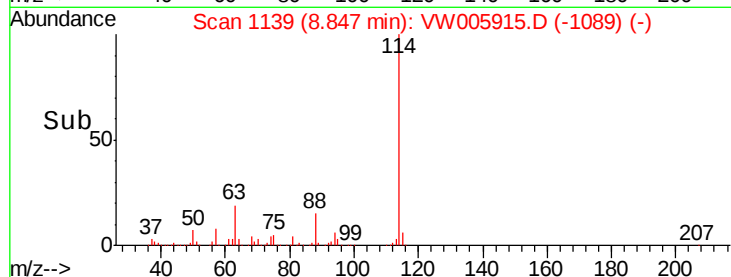
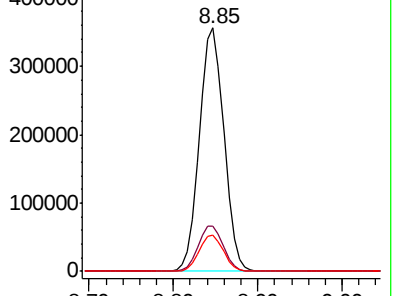
88 14.8 0.0 30.8



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: 36.482 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005915.D

Acq: 09 Oct 2018 01:54

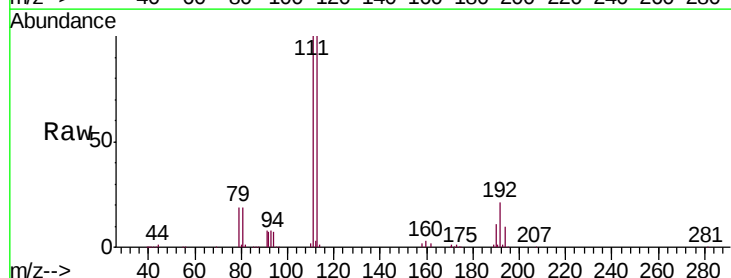
Tgt Ion:113 Resp: 163226

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

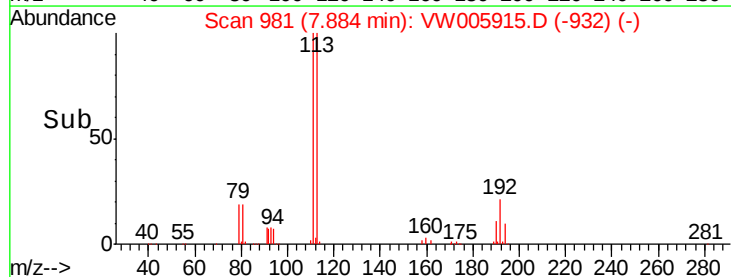
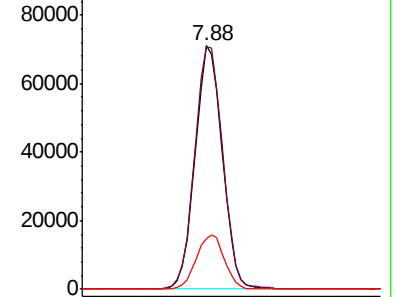
192 22.6 18.3 27.5

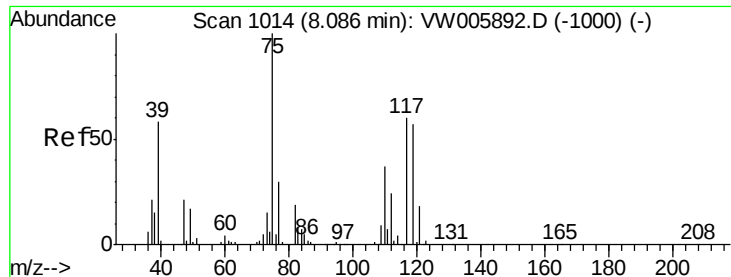


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

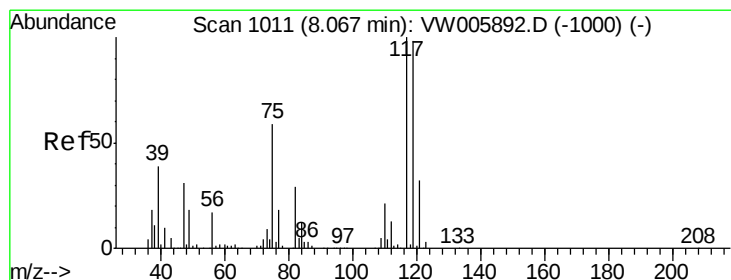
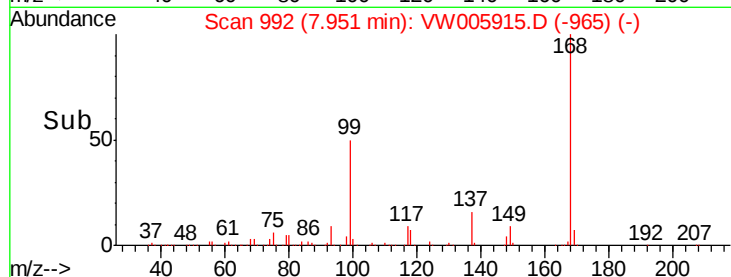
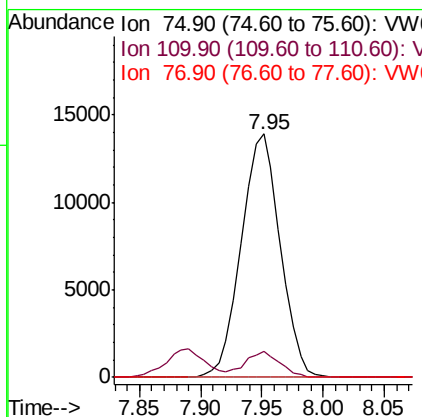
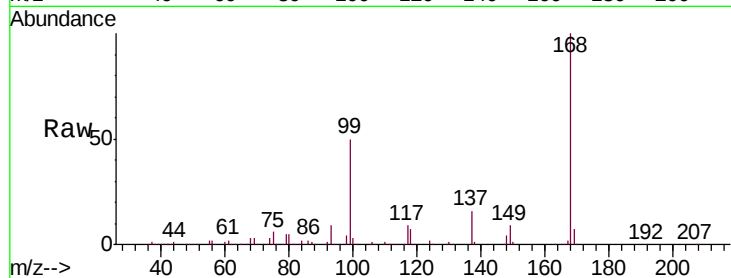




#36
 1,1-Dichloropropene
 Concen: 4.583 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005915.D
 Acq: 09 Oct 2018 01:54

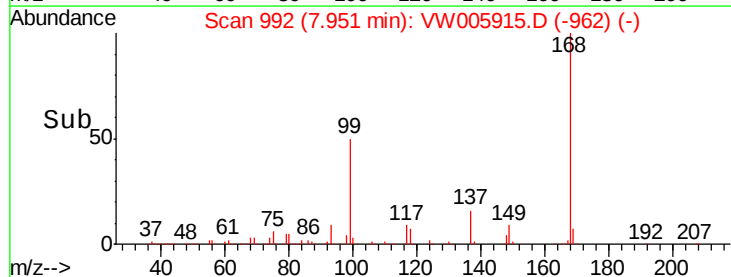
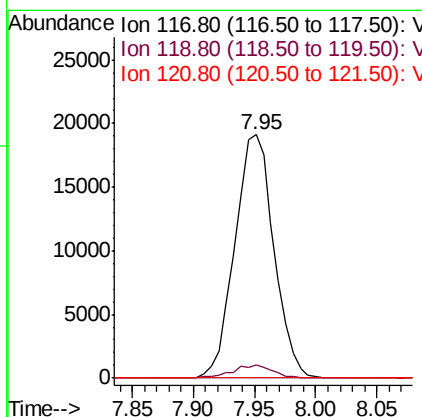
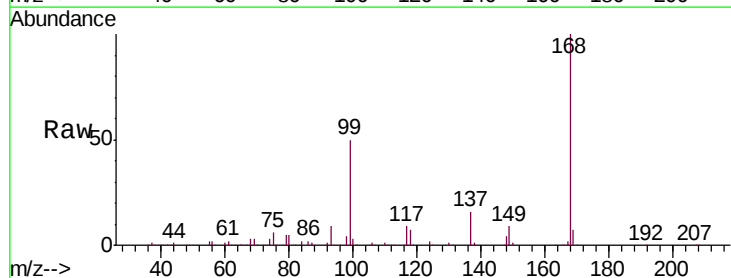
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(14.5-15)

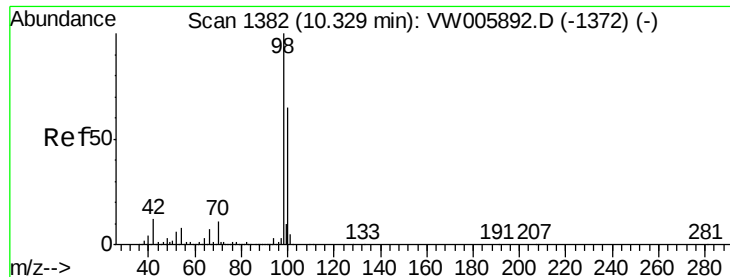
Tgt Ion: 75 Resp: 30771
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.857 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005915.D
 Acq: 09 Oct 2018 01:54

Tgt Ion: 117 Resp: 42257
 Ion Ratio Lower Upper
 117 100
 119 5.2 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 33.069 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005915.D

Acq: 09 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

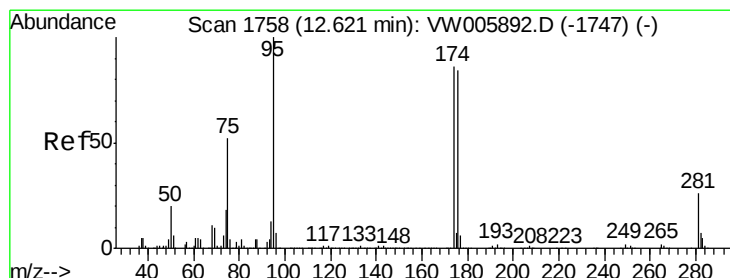
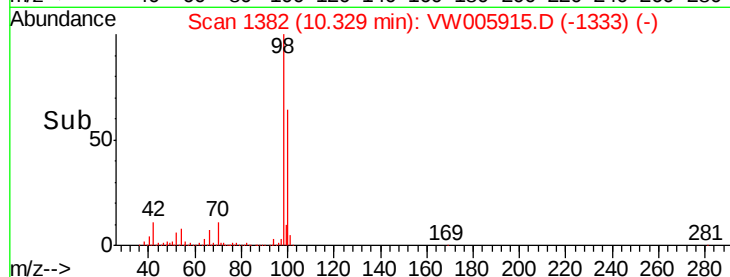
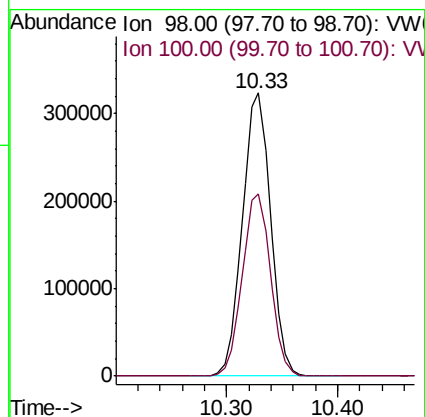
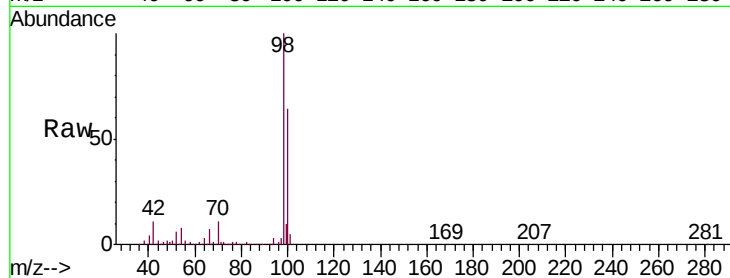
SB-5-(14.5-15)

Tgt Ion: 98 Resp: 569248

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 34.338 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005915.D

Acq: 09 Oct 2018 01:54

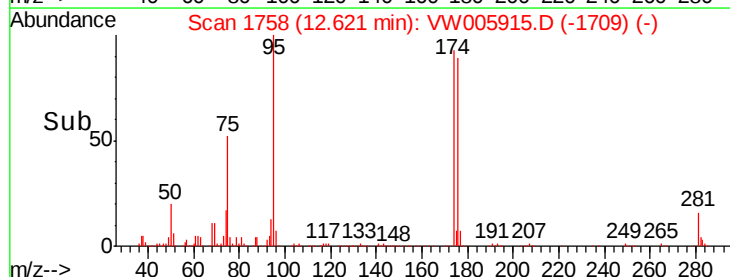
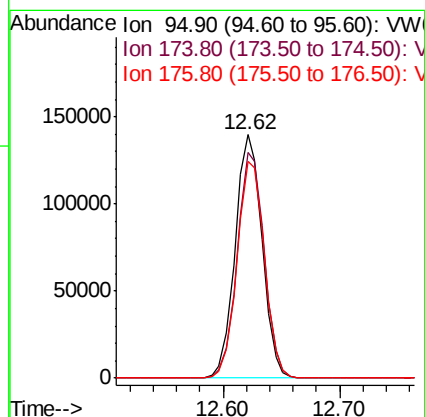
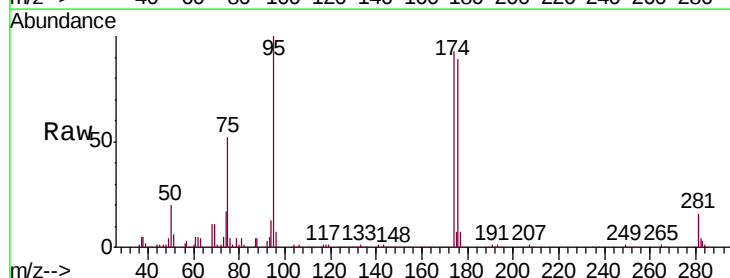
Tgt Ion: 95 Resp: 224888

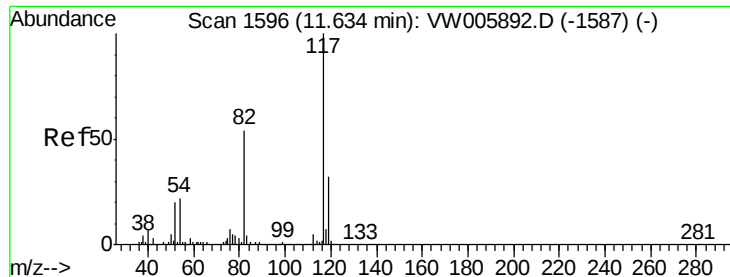
Ion Ratio Lower Upper

95 100

174 93.0 0.0 176.4

176 90.3 0.0 173.0

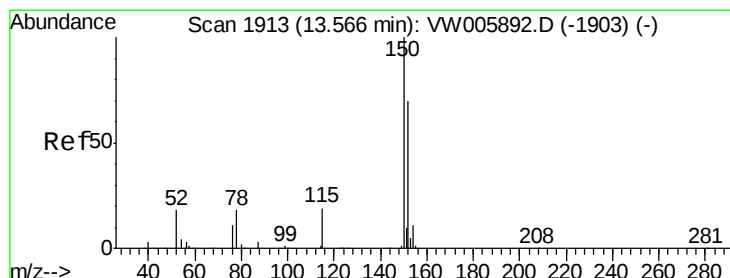
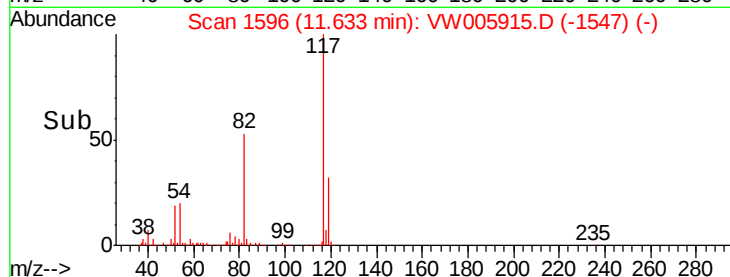
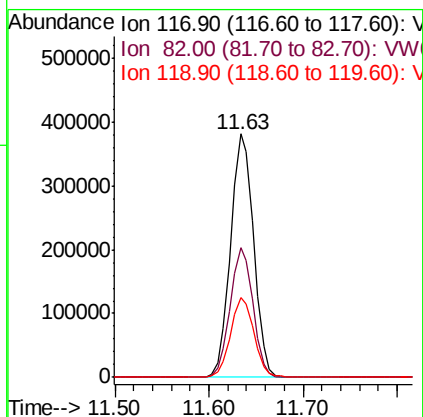
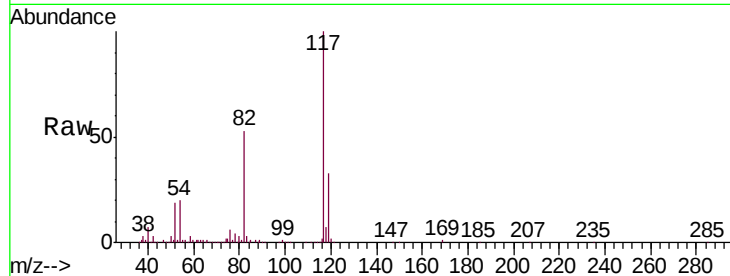




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005915.D
Acq: 09 Oct 2018 01:54

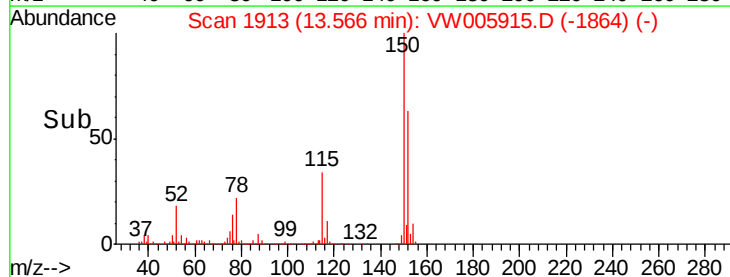
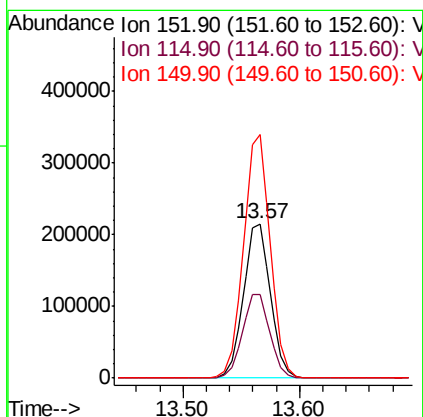
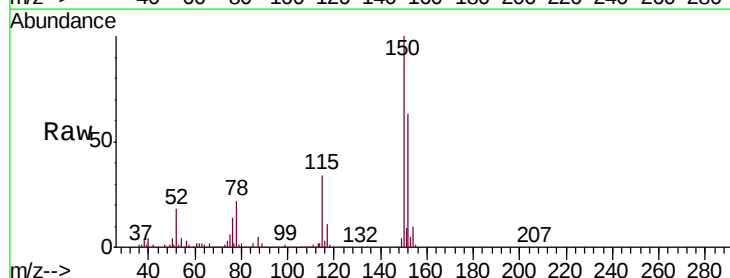
Instrument :
MSVOA_W
ClientSampleId :
SB-5-(14.5-15)

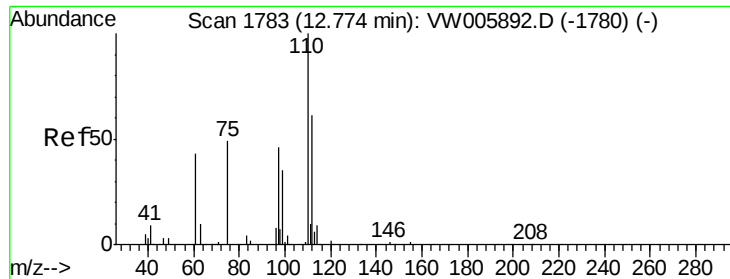
Tgt Ion:117 Resp: 645313
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005915.D
Acq: 09 Oct 2018 01:54

Tgt Ion:152 Resp: 345825
Ion Ratio Lower Upper
152 100
115 55.4 28.3 85.0
150 157.0 0.0 349.2

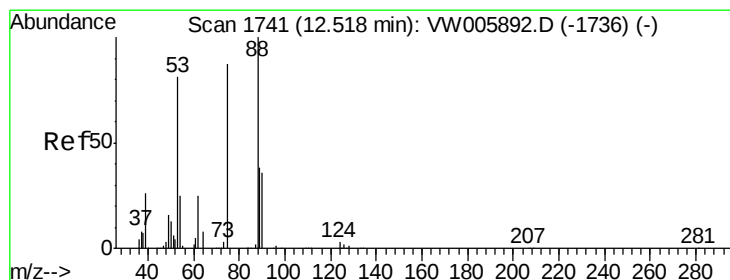
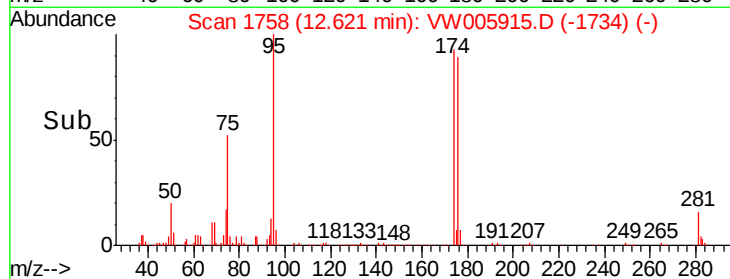
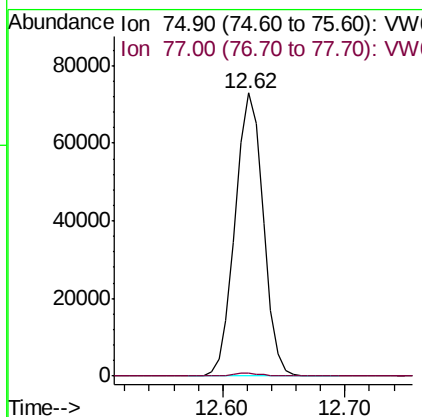
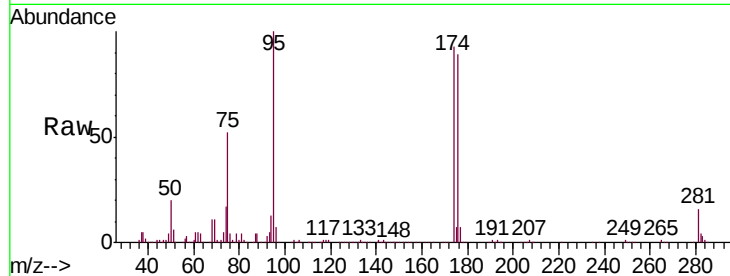




#76
 1,2,3-Trichloropropane
 Concen: 37.538 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005915.D
 Acq: 09 Oct 2018 01:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(14.5-15)

Tgt Ion: 75 Resp: 115960
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.246 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005915.D
 Acq: 09 Oct 2018 01:54

Tgt Ion: 75 Resp: 115960
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.0 37.6 56.4#

