

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005995.D
 Acq On : 10 Oct 2018 18:12
 Operator : SY/AP
 Sample : J5306-10RE
 Misc : 6.76G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-34-V

Quant Time: Oct 11 04:54:35 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

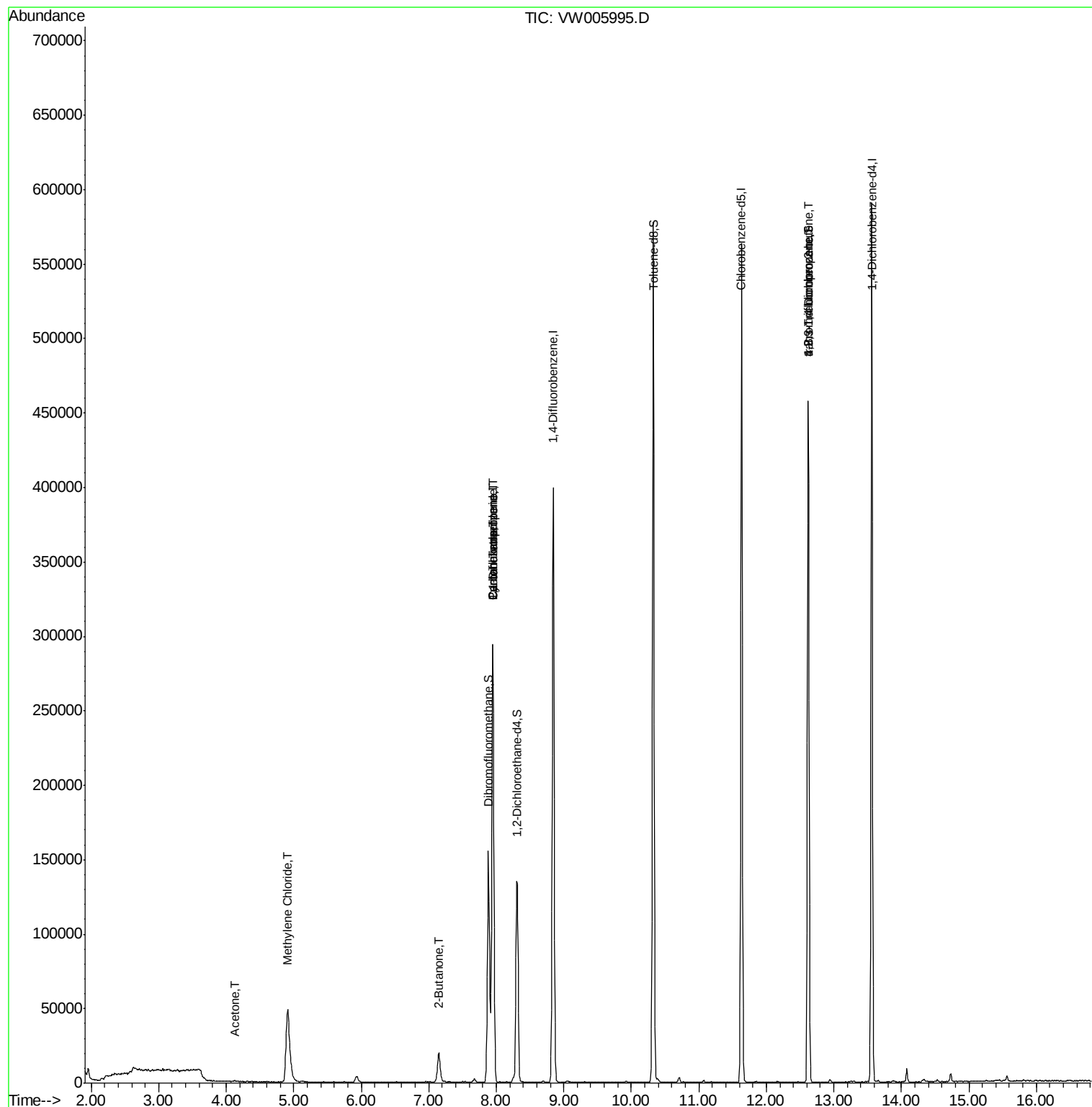
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	357922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108464	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
35) Dibromofluoromethane	7.88	113	108648	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	10.32	98	393791	44.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.58%	
62) 4-Bromofluorobenzene	12.62	95	139484	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	1344	2.891	ug/l #	79
20) Methylene Chloride	4.91	84	48397	20.780	ug/l	95
25) 2-Butanone	7.15	43	1458	2.205	ug/l #	49
31) Cyclohexane	7.95	56	4376	1.074	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	16198	4.723	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21506	5.837	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	71011	49.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71011	104.105	ug/l #	11

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW005995.D

Acq: 10 Oct 2018 18:12

Instrument :

MSVOA_W

ClientSampleId :

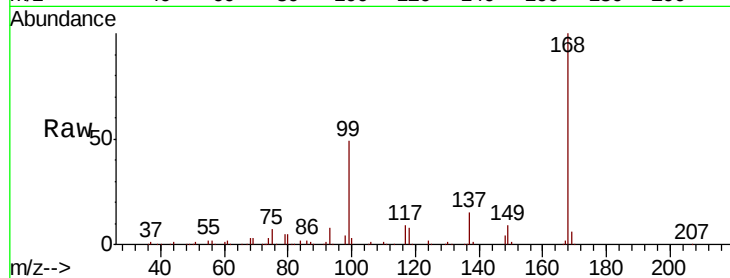
S-34-V

Tot Ion:168 Resp: 239730

Ion Ratio Lower Upper

168 100

99 49.3 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

120000

100000

80000

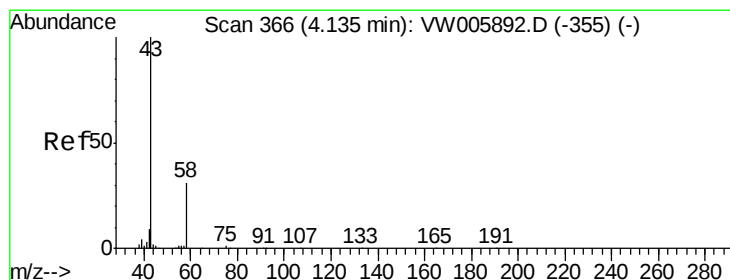
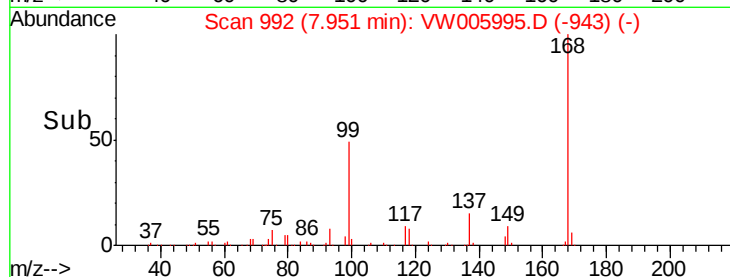
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 2.891 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005995.D

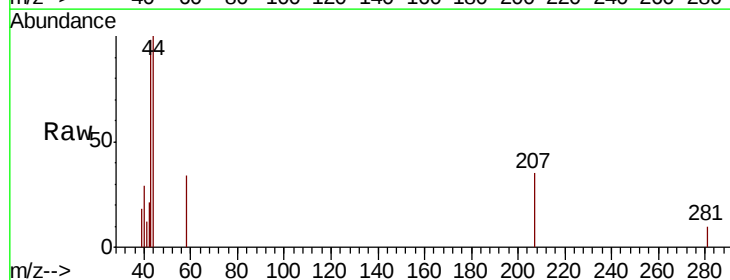
Acq: 10 Oct 2018 18:12

Tgt Ion: 43 Resp: 1344

Ion Ratio Lower Upper

43 100

58 42.3 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

500

400

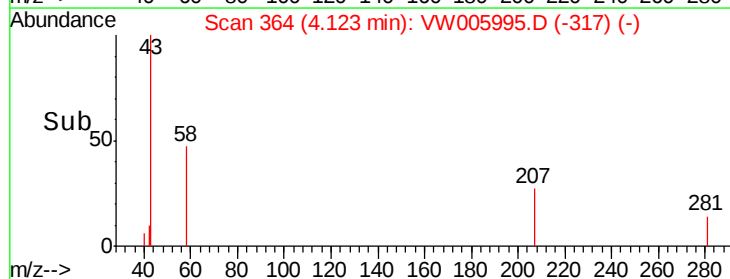
300

200

100

0

Time--> 4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: 20.780 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

Instrument :

MSVOA_W

ClientSampled :

S-34-V

Tot Ion: 84 Resp: 48397

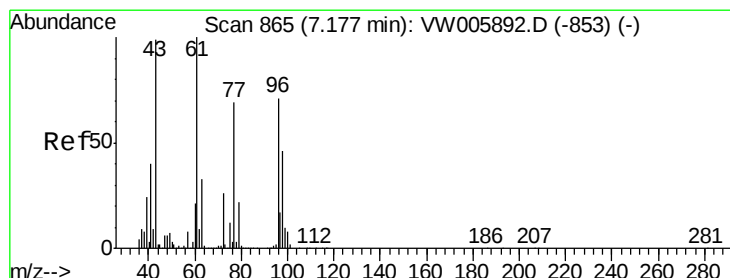
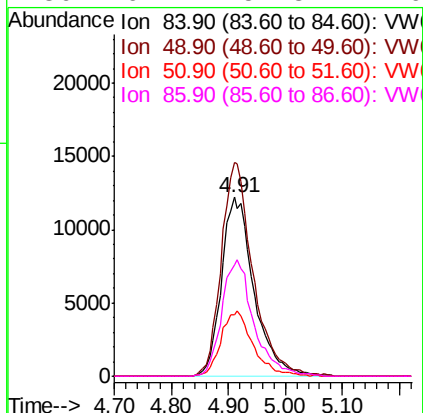
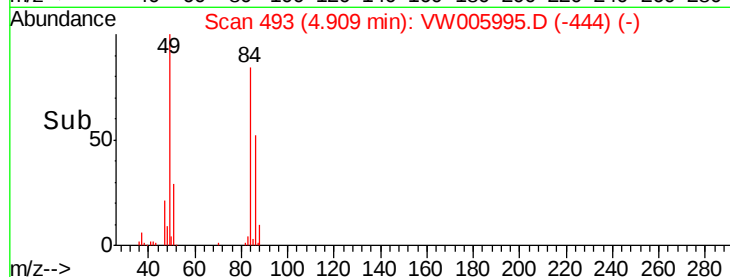
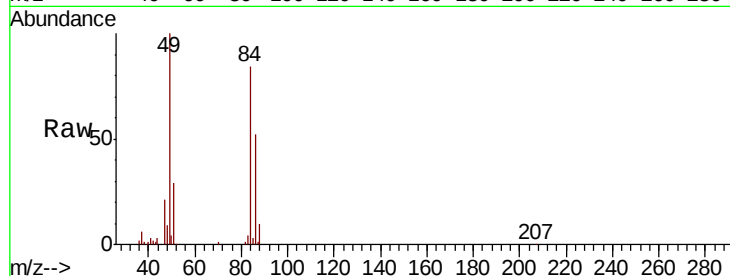
Ion Ratio Lower Upper

84 100

49 119.5 99.9 149.9

51 34.5 31.1 46.7

86 62.2 51.8 77.6



#25

2-Butanone

Concen: 2.205 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005995.D

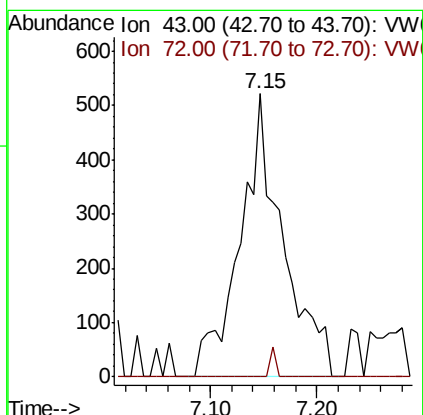
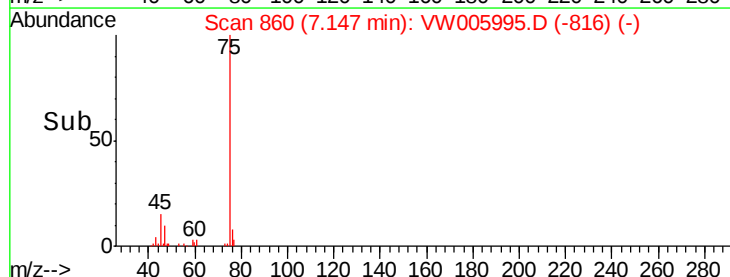
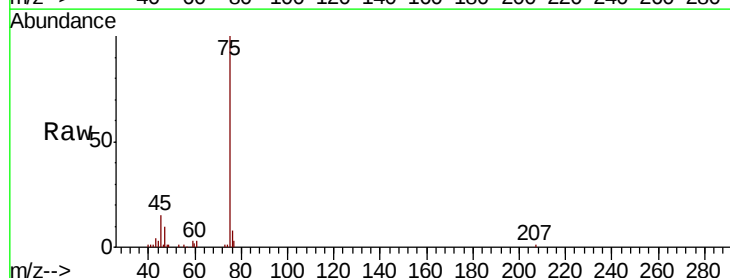
Acq: 10 Oct 2018 18:12

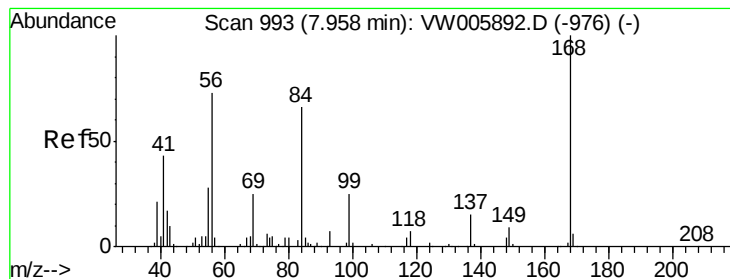
Tgt Ion: 43 Resp: 1458

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#





#31

Cyclohexane

Concen: 1.074 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

Instrument :

MSVOA_W

ClientSampled :

S-34-V

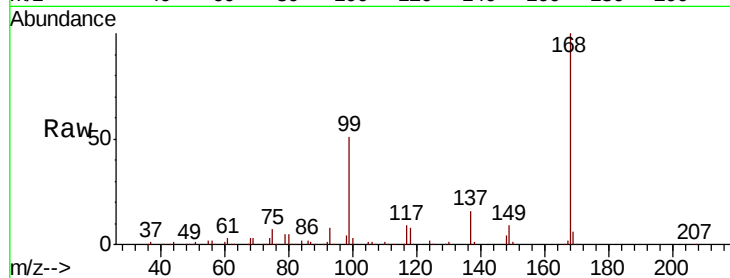
Tot Ion: 56 Resp: 4376

Ion Ratio Lower Upper

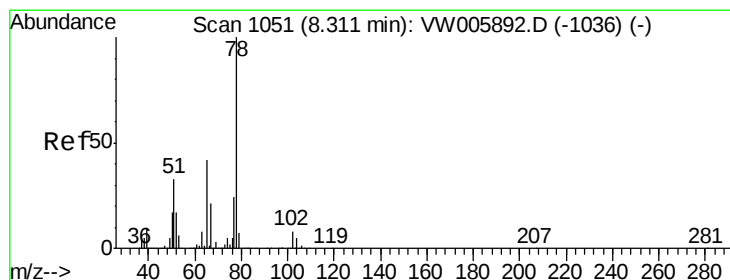
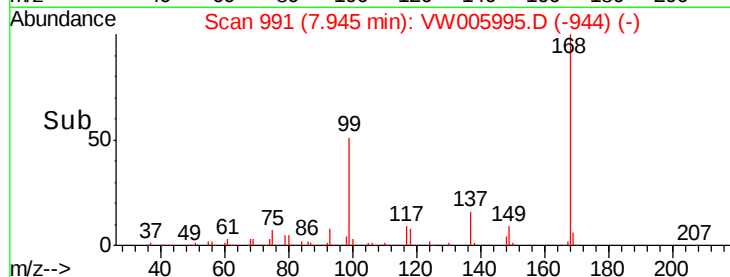
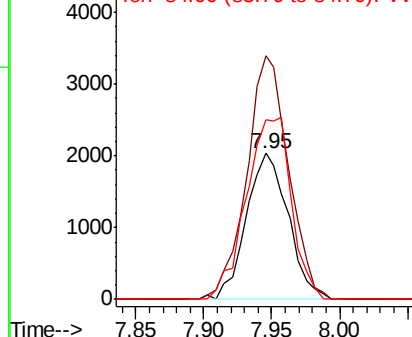
56 100

69 166.6 27.9 41.9#

84 123.3 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: 46.606 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005995.D

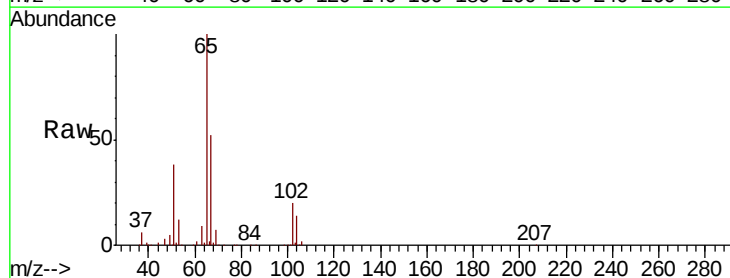
Acq: 10 Oct 2018 18:12

Tgt Ion: 65 Resp: 108464

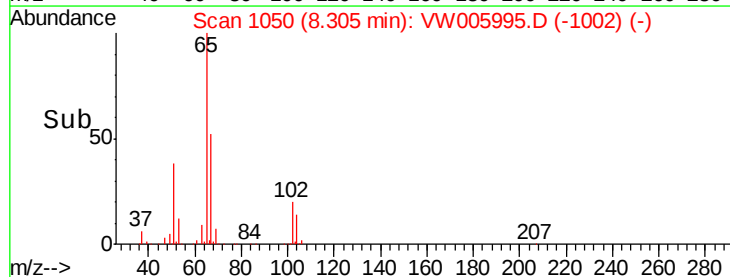
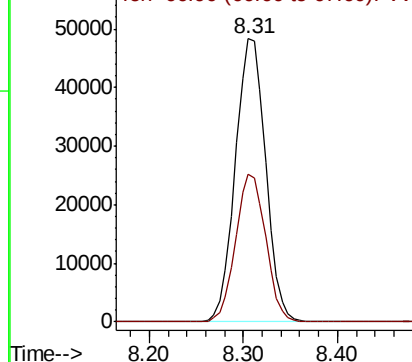
Ion Ratio Lower Upper

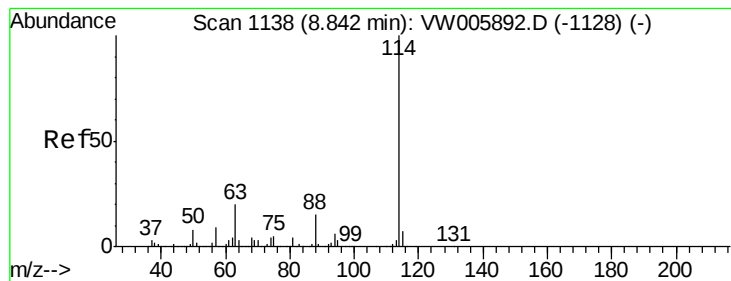
65 100

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: VW005995.D

Acq: 10 Oct 2018 18:12

Instrument :

MSVOA_W

ClientSampleId :

S-34-V

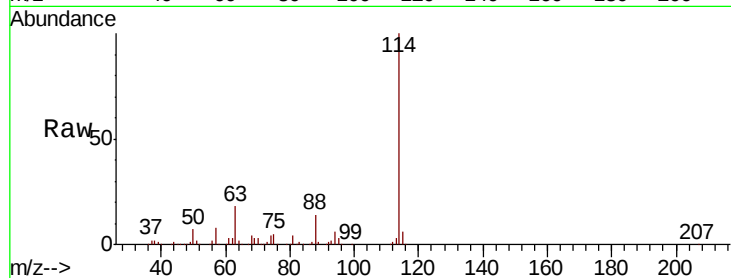
Tot Ion:114 Resp: 357922

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.2

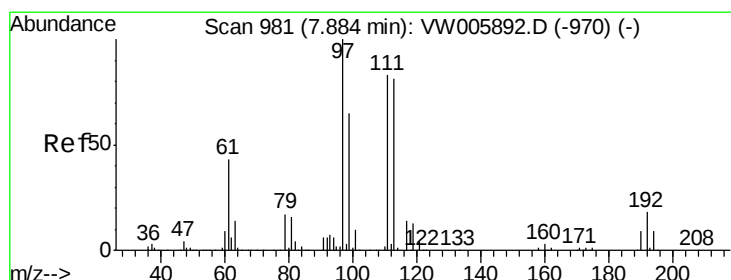
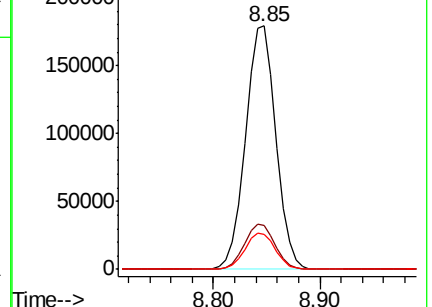
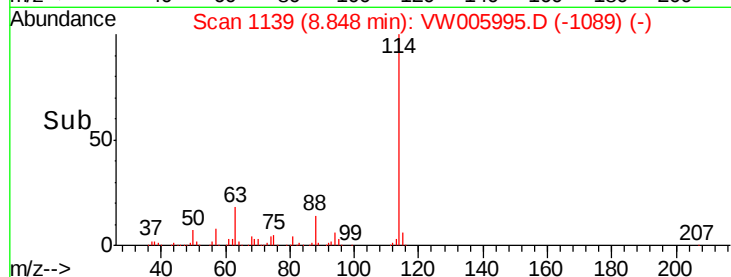
88 14.2 0.0 30.8



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: 47.545 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

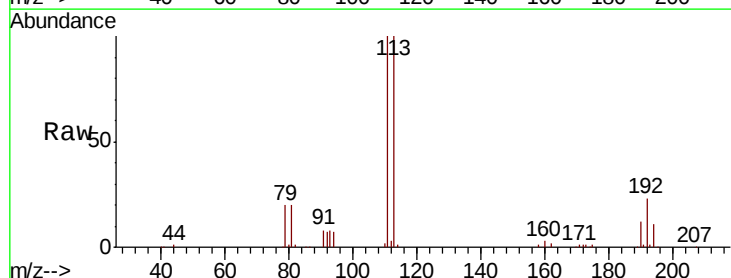
Tgt Ion:113 Resp: 108648

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

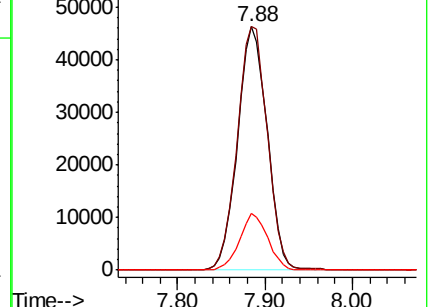
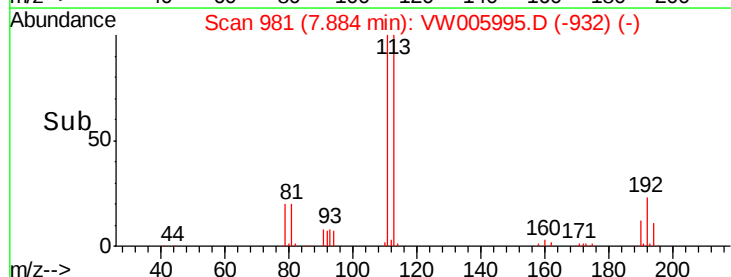
192 22.2 18.3 27.5

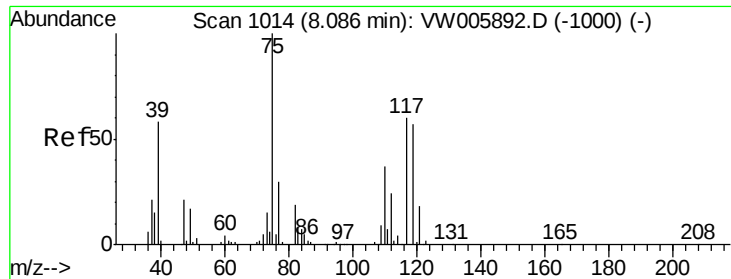


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

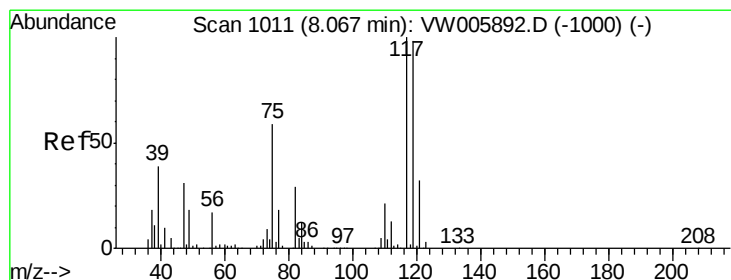
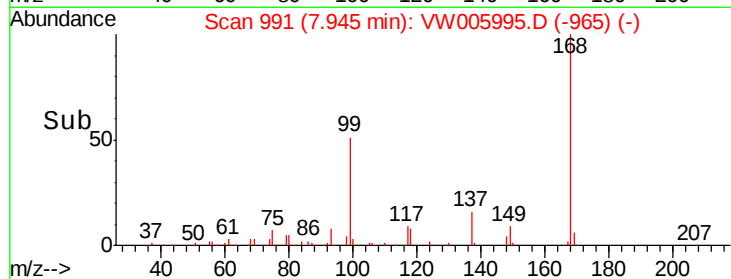
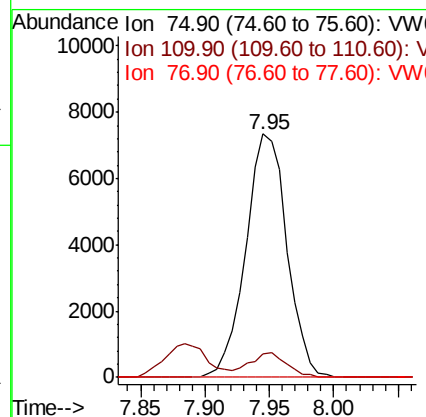
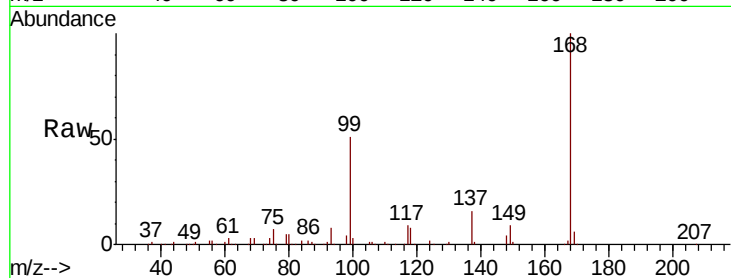




#36
 1,1-Dichloropropene
 Concen: 4.723 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005995.D
 Acq: 10 Oct 2018 18:12

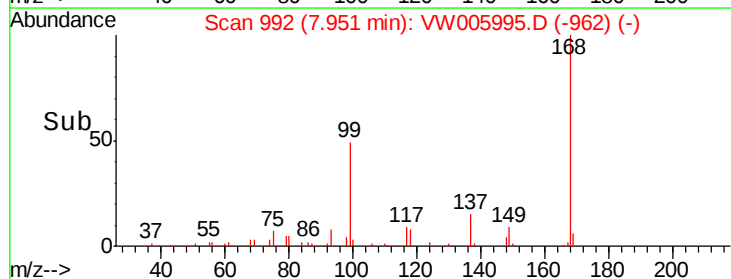
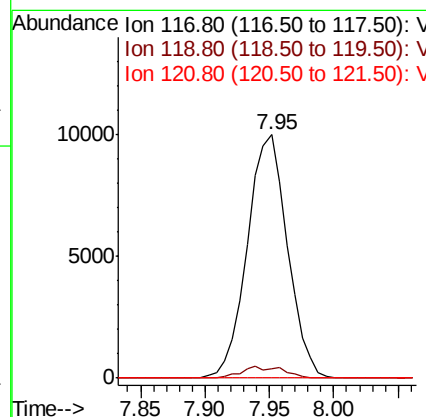
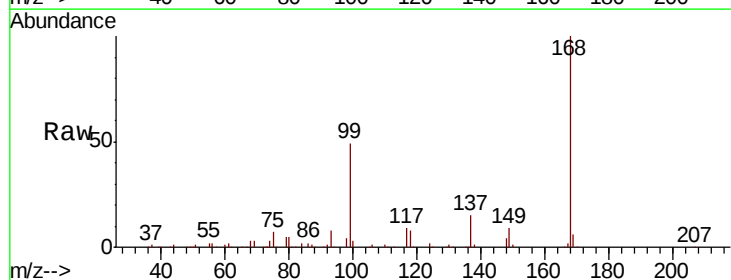
Instrument :
 MSVOA_W
 ClientSampleID :
 S-34-V

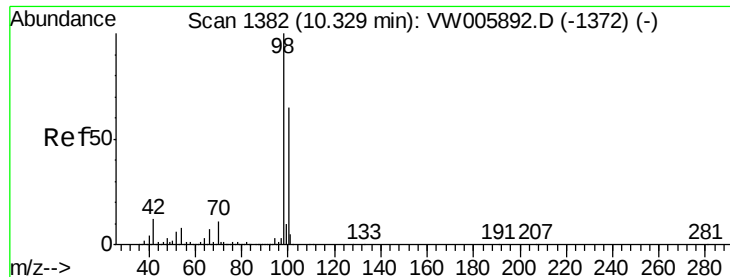
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.837 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005995.D
 Acq: 10 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 44.789 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

Instrument :

MSVOA_W

ClientSampleId :

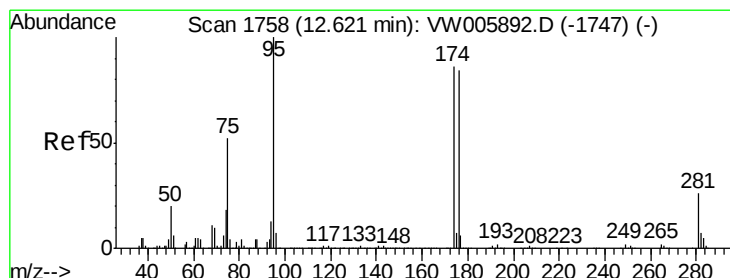
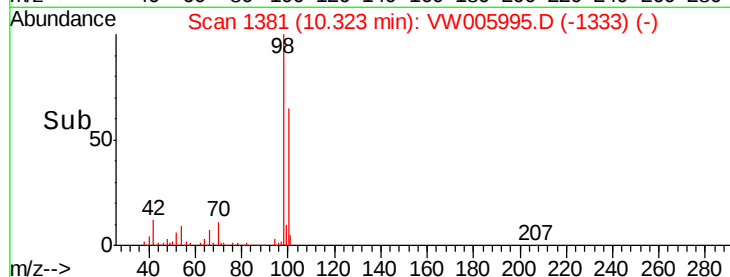
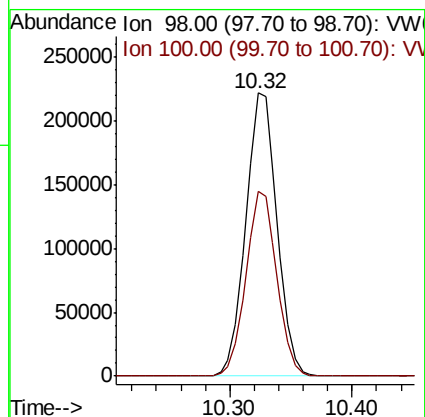
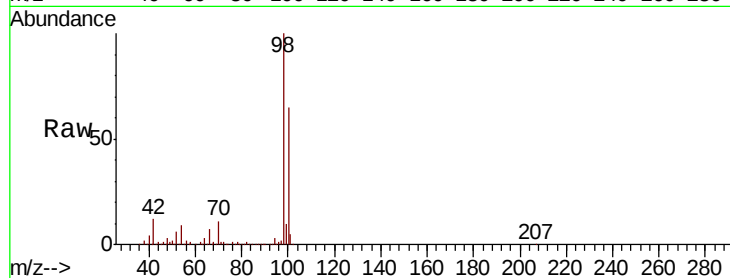
S-34-V

Tot Ion: 98 Resp: 393791

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 41.699 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

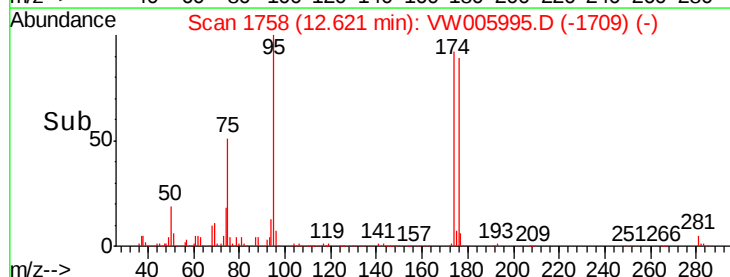
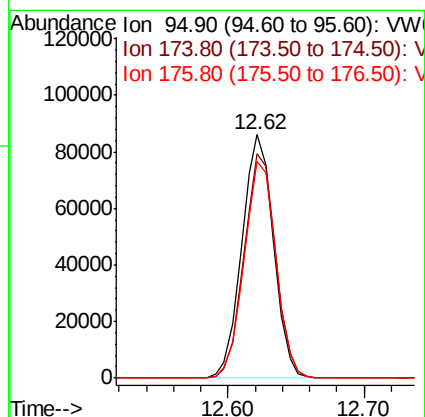
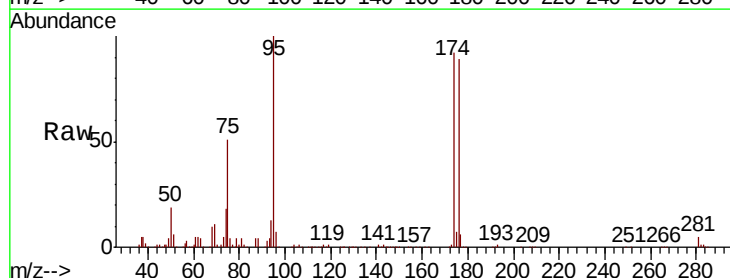
Tgt Ion: 95 Resp: 139484

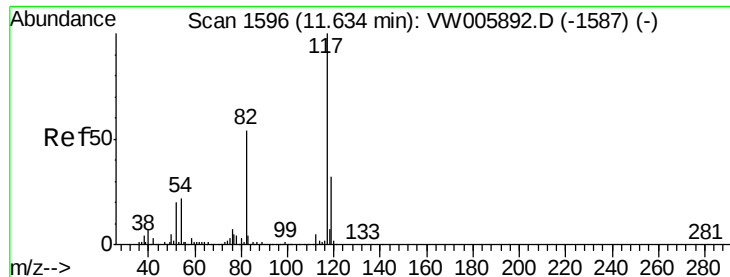
Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

176 89.6 0.0 173.0

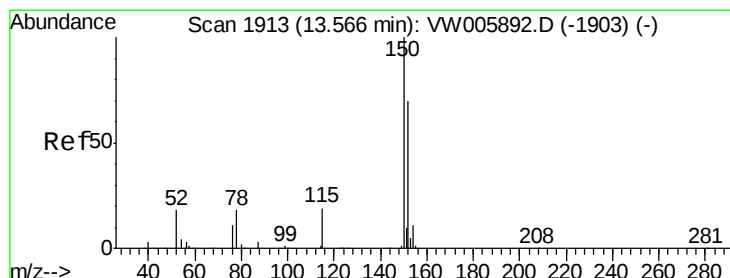
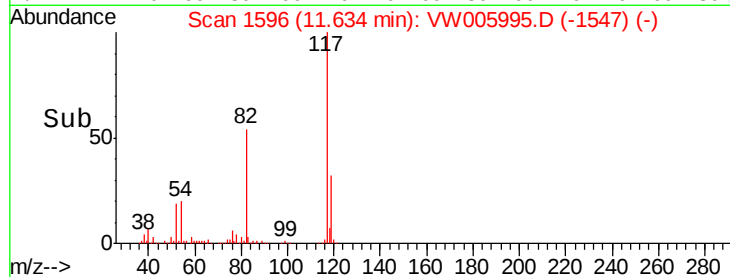
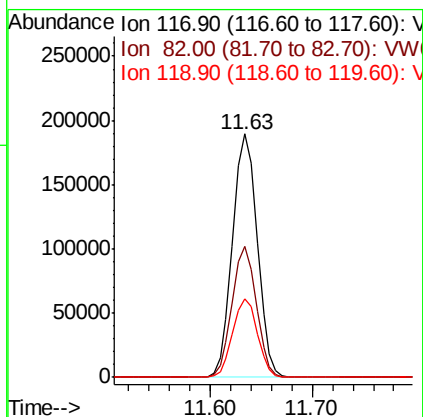
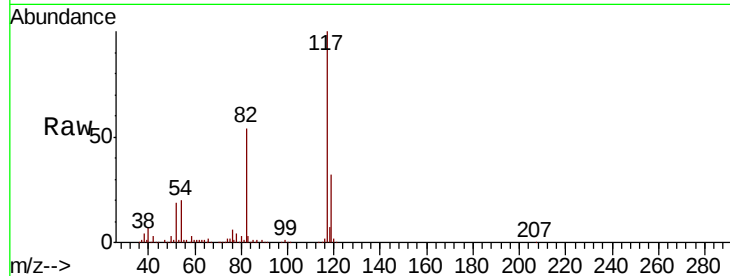




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005995.D
Acq: 10 Oct 2018 18:12

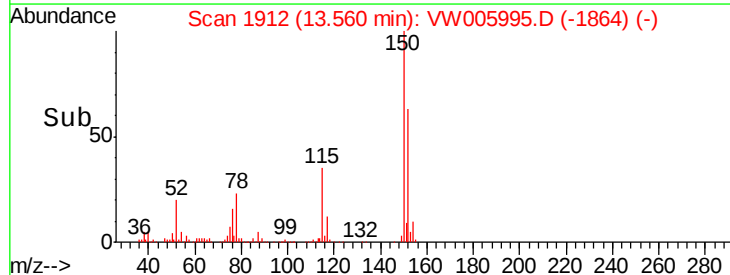
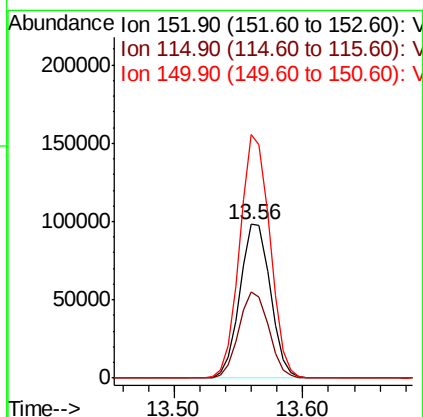
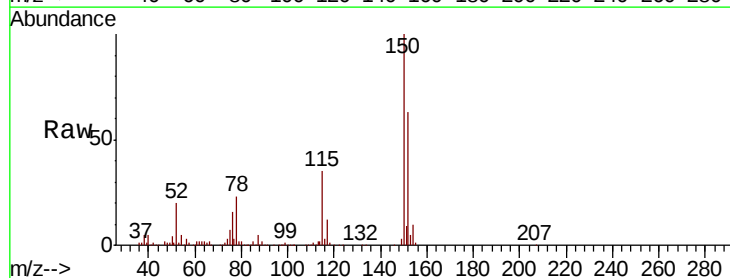
Instrument :
MSVOA_W
ClientSampled :
S-34-V

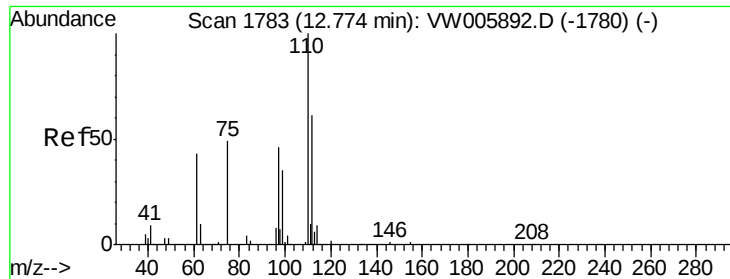
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.5	65.3
119	32.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005995.D
Acq: 10 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.3	85.0
150	155.9	0.0	349.2





#76

1,2,3-Trichloropropane

Concen: 49.313 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

Instrument :

MSVOA_W

ClientSampleId :

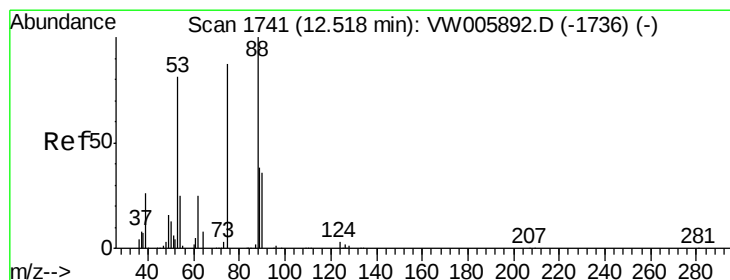
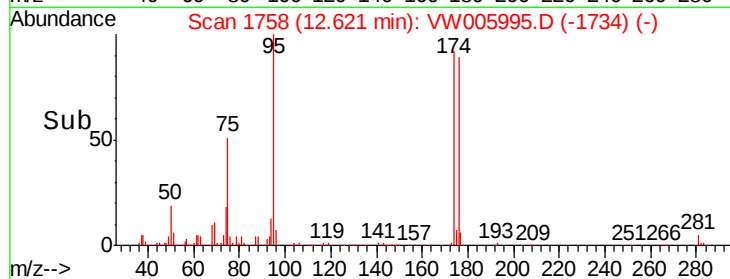
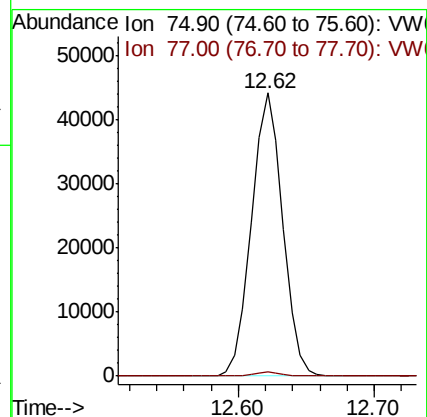
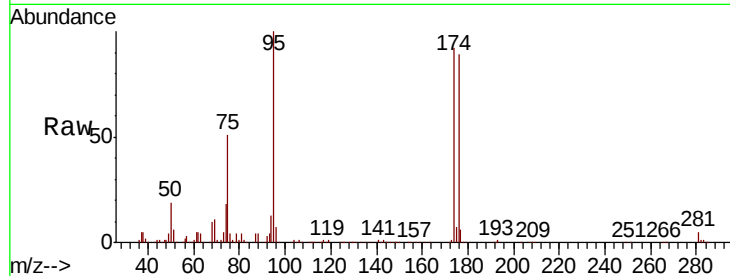
S-34-V

Tot Ion: 75 Resp: 71011

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.105 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005995.D

Acq: 10 Oct 2018 18:12

Tgt Ion: 75 Resp: 71011

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

