

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005989.D
 Acq On : 10 Oct 2018 15:37
 Operator : SY/AP
 Sample : J5306-04RE
 Misc : 6.16G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-13-V

Quant Time: Oct 10 16:50:44 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	199617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	297318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	122044	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	98707	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
35) Dibromofluoromethane	7.89	113	92498	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	10.33	98	334600	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
62) 4-Bromofluorobenzene	12.62	95	113478	40.84	ug/l	0.00
Spiked Amount			Recovery	=	81.68%	

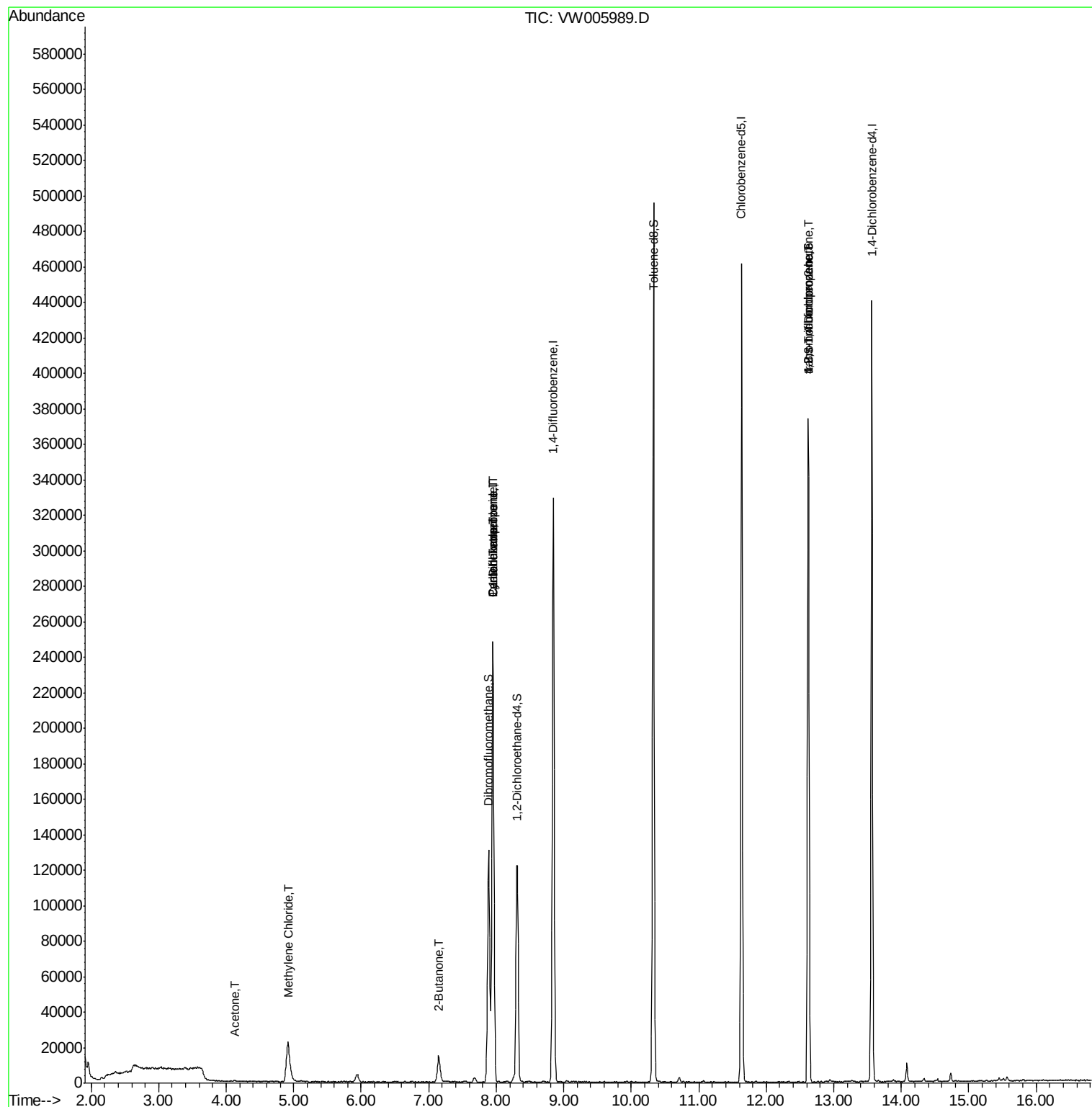
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	868	2.24	ug/l	99
20) Methylene Chloride	4.92	84	20703	10.68	ug/l	97
25) 2-Butanone	7.14	43	1195	2.17	ug/l #	49
31) Cyclohexane	7.95	56	3798	1.12	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	13434	4.72	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18423	6.02	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	58362	53.53	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58362	113.02	ug/l #	11

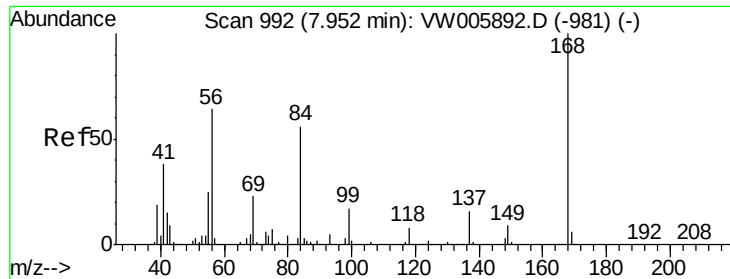
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005899.D

Acq: 10 Oct 2018 15:37

Instrument :

MSVOA_W

ClientSampled :

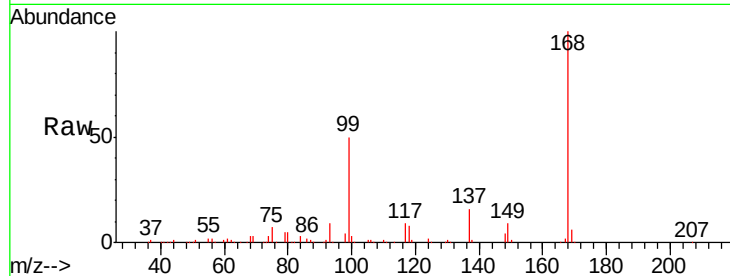
S-13-V

Tgt Ion:168 Resp: 199617

Ion Ratio Lower Upper

168 100

99 50.3 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

100000

80000

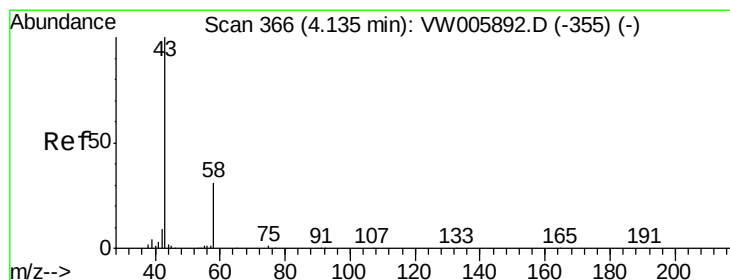
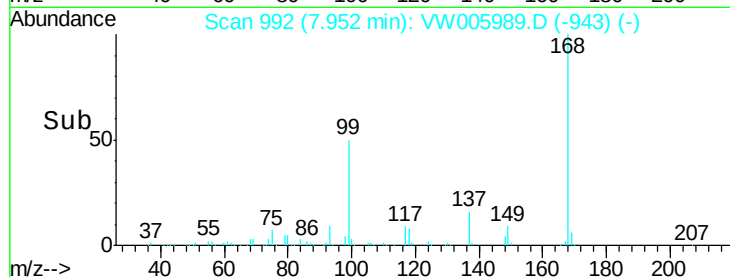
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.24 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005899.D

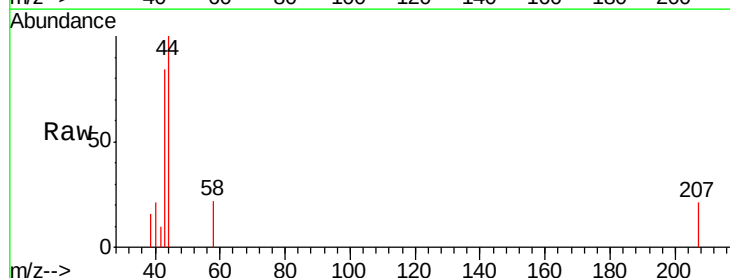
Acq: 10 Oct 2018 15:37

Tgt Ion: 43 Resp: 868

Ion Ratio Lower Upper

43 100

58 30.3 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

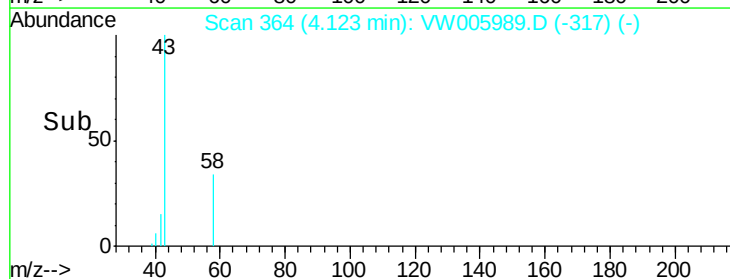
300

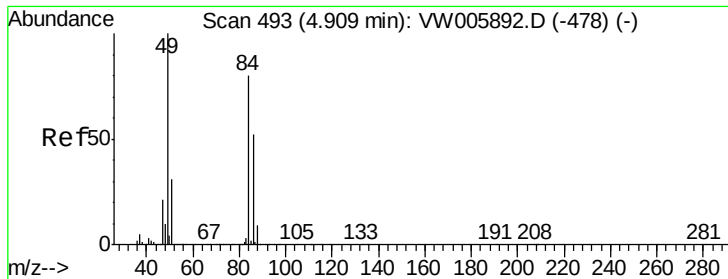
200

100

0

Time-->

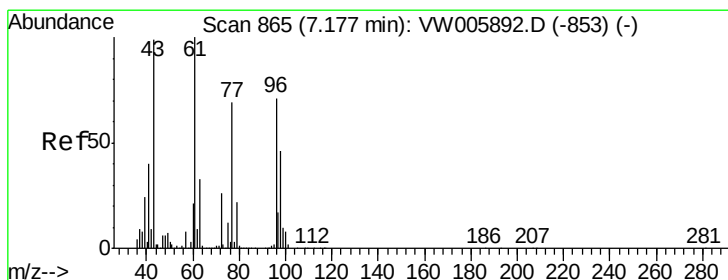
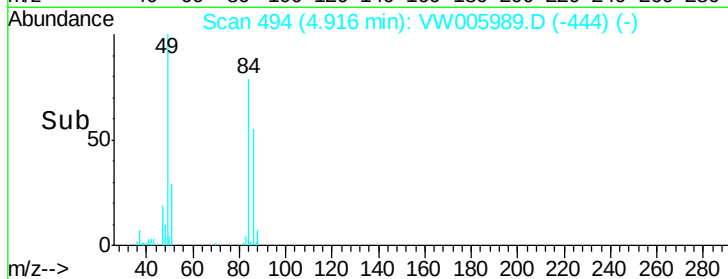
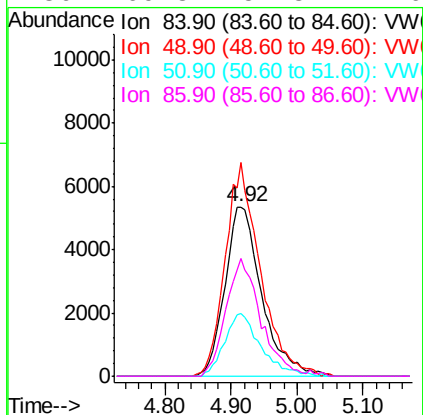
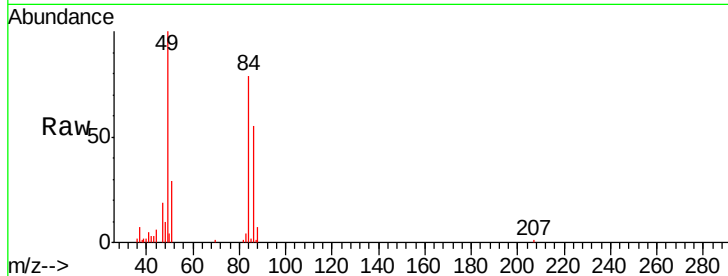




#20
Methylene Chloride
Concen: 10.68 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005989.D
Acq: 10 Oct 2018 15:37

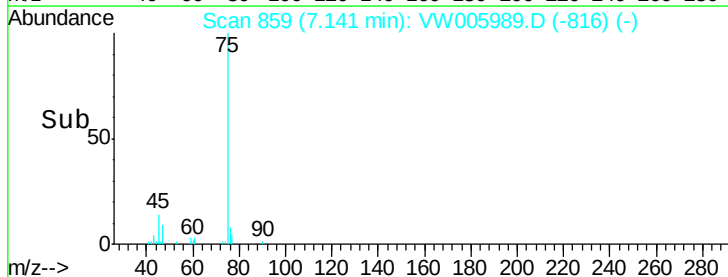
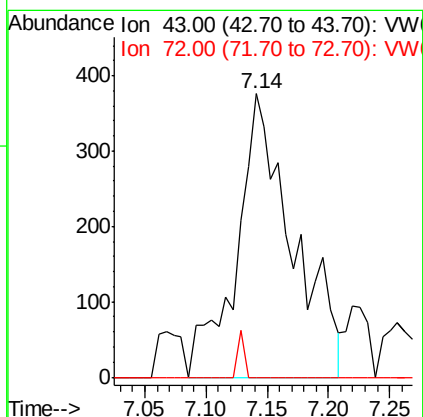
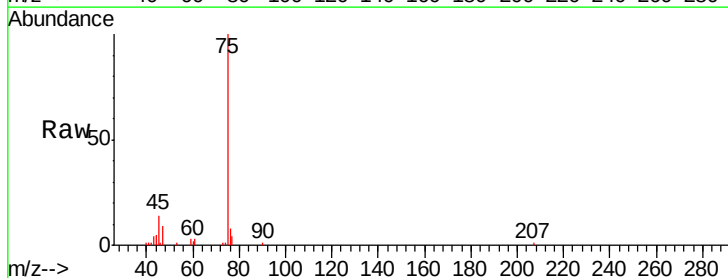
Instrument :
MSVOA_W
ClientSampled :
S-13-V

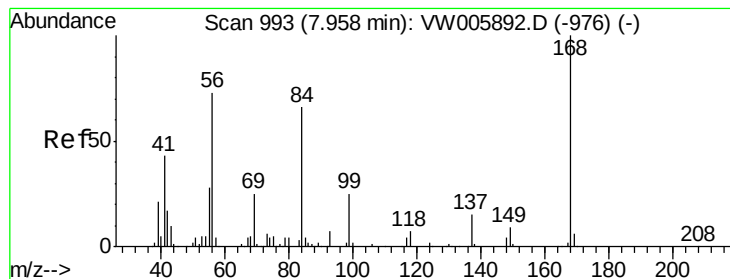
Tgt Ion:	84	Resp:	20703
Ion	Ratio	Lower	Upper
84	100		
49	126.4	99.9	149.9
51	37.0	31.1	46.7
86	69.8	51.8	77.6



#25
2-Butanone
Concen: 2.17 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW005989.D
Acq: 10 Oct 2018 15:37

Tgt Ion:	43	Resp:	1195
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#





#31

Cyclohexane

Concen: 1.12 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005989.D

Acq: 10 Oct 2018 15:37

Instrument :

MSVOA_W

ClientSampleId :

S-13-V

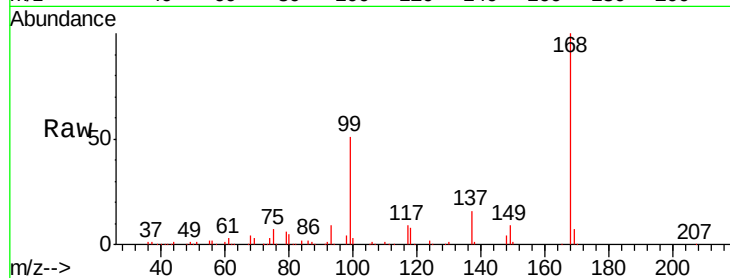
Tgt Ion: 56 Resp: 3798

Ion Ratio Lower Upper

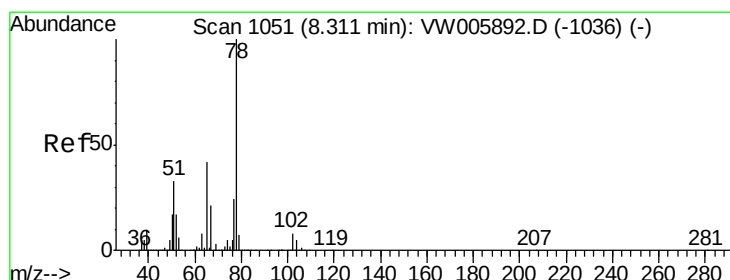
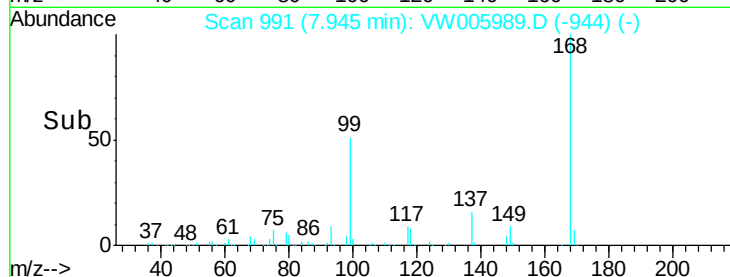
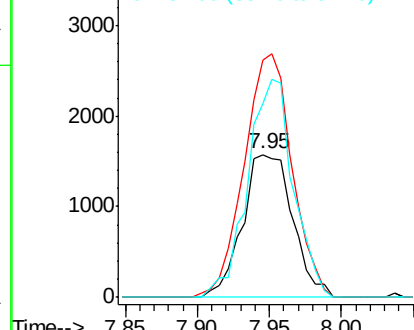
56 100

69 165.8 27.9 41.9#

84 135.0 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: 50.94 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005989.D

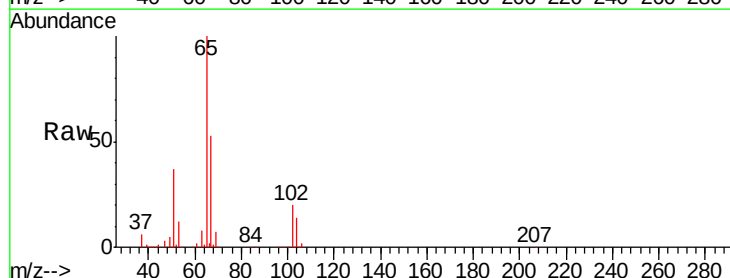
Acq: 10 Oct 2018 15:37

Tgt Ion: 65 Resp: 98707

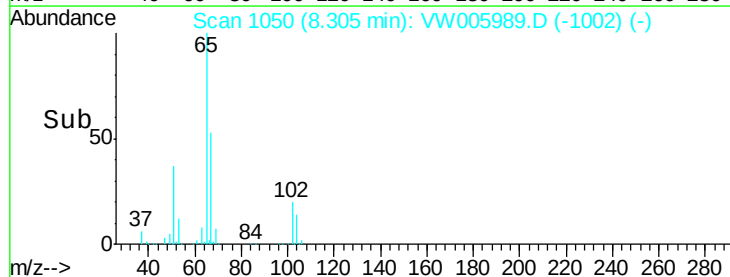
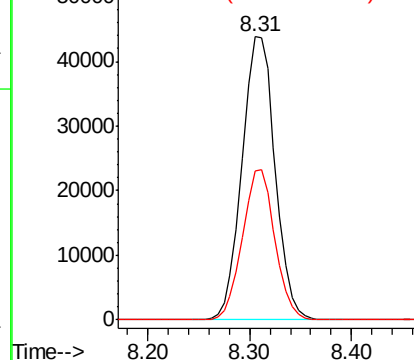
Ion Ratio Lower Upper

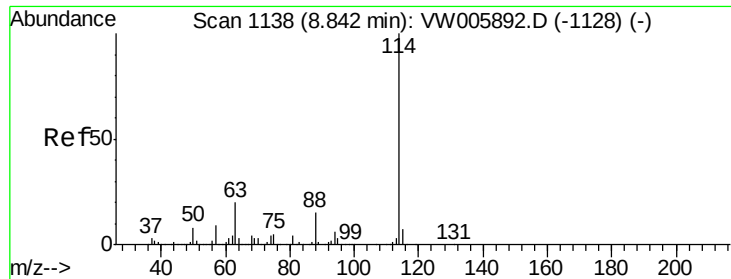
65 100

67 52.2 0.0 104.6



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

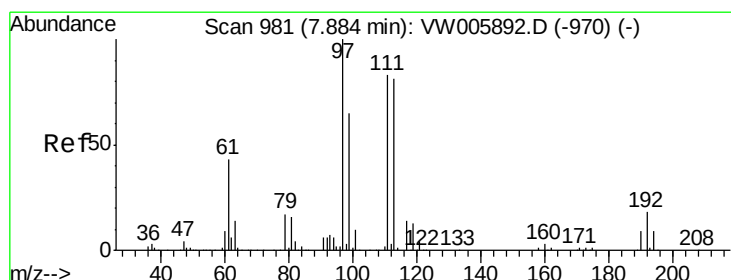
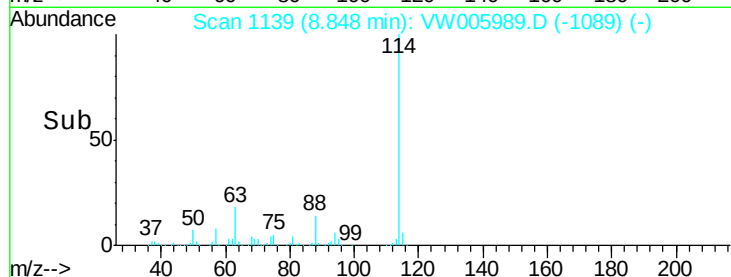
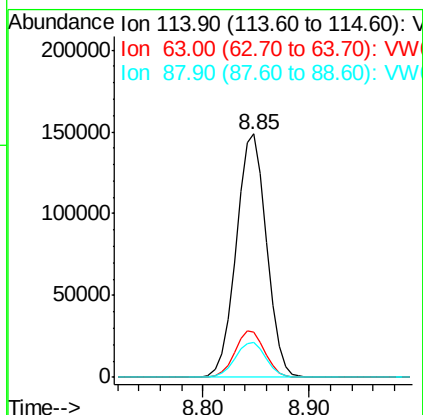
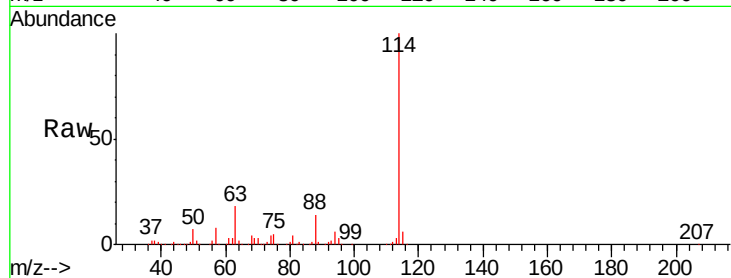




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005989.D
 Acq: 10 Oct 2018 15:37

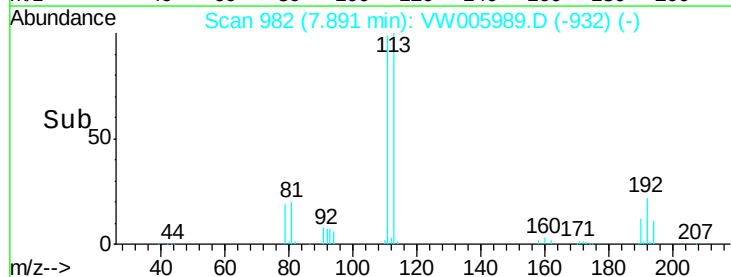
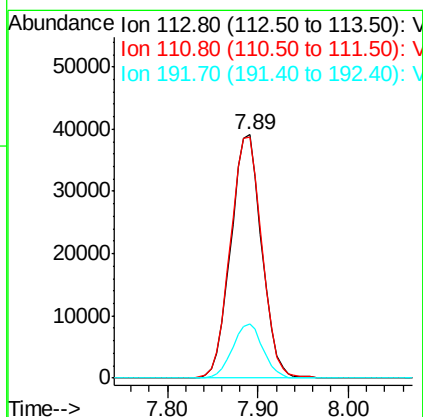
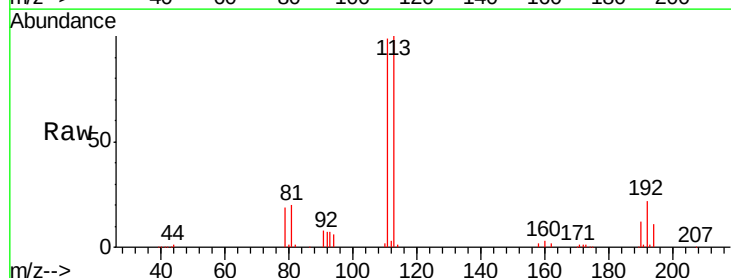
Instrument :
 MSVOA_W
 ClientSampleId :
 S-13-V

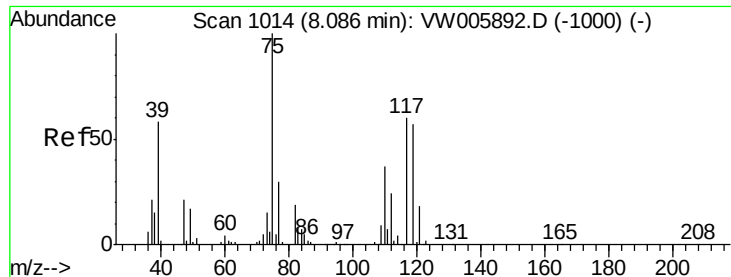
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.2
88	14.4	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 48.73 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005989.D
 Acq: 10 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.0	123.0
192	22.0	18.3	27.5

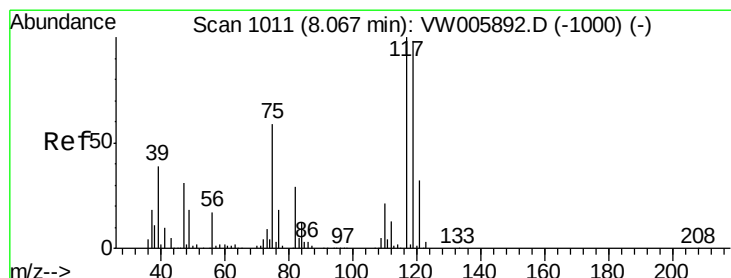
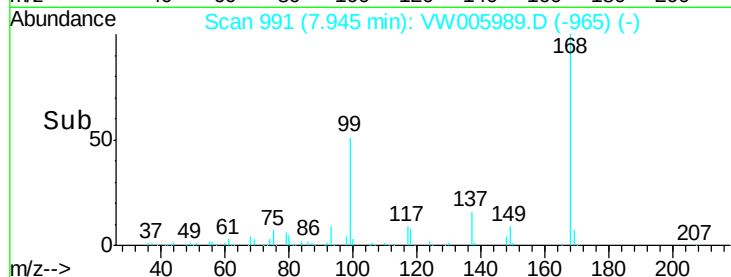
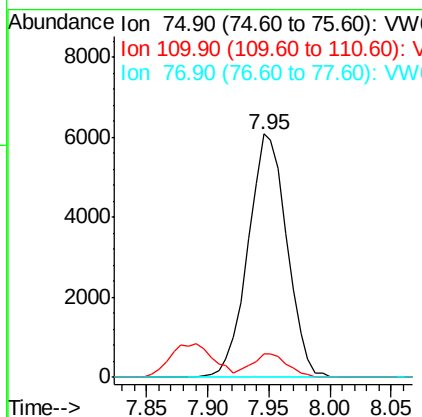
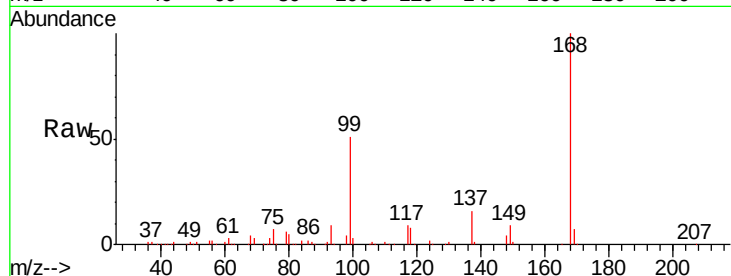




#36
 1,1-Dichloropropene
 Concen: 4.72 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005989.D
 Acq: 10 Oct 2018 15:37

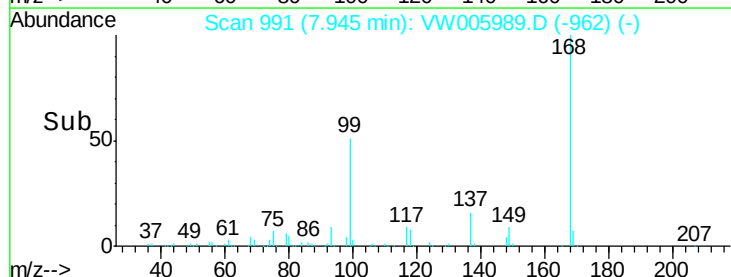
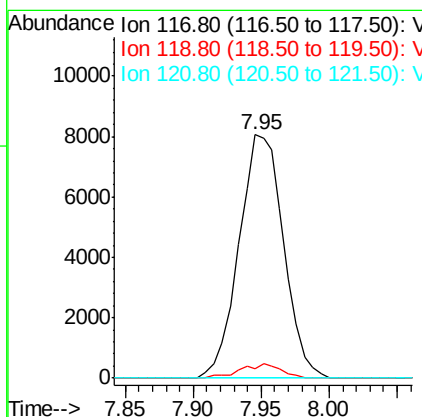
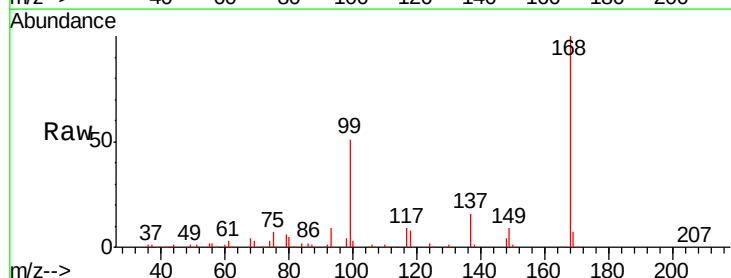
Instrument :
 MSVOA_W
 ClientSampled :
 S-13-V

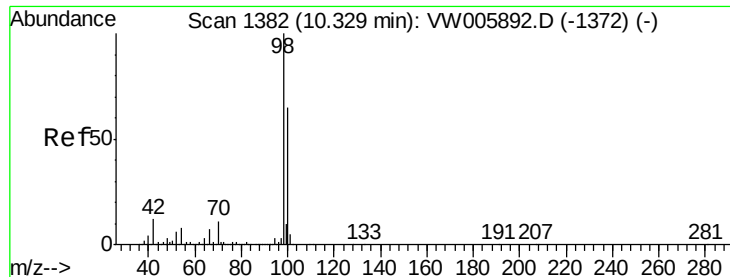
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.02 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW005989.D
 Acq: 10 Oct 2018 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 45.81 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005899.D

Acq: 10 Oct 2018 15:37

Instrument :

MSVOA_W

ClientSampleId :

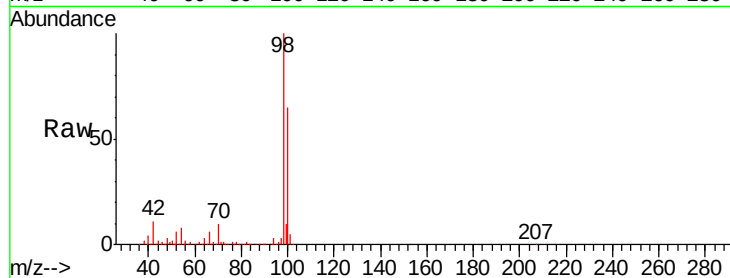
S-13-V

Tgt Ion: 98 Resp: 334600

Ion Ratio Lower Upper

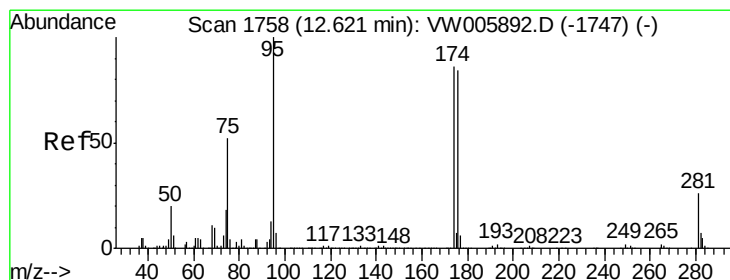
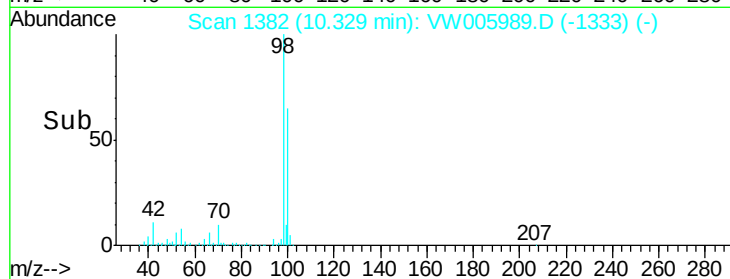
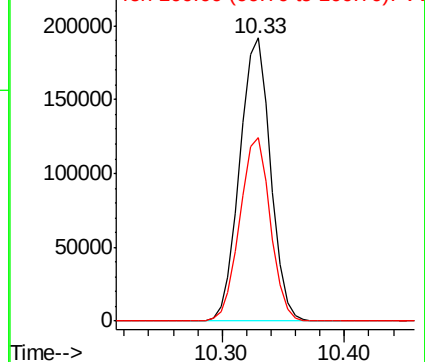
98 100

100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 40.84 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005899.D

Acq: 10 Oct 2018 15:37

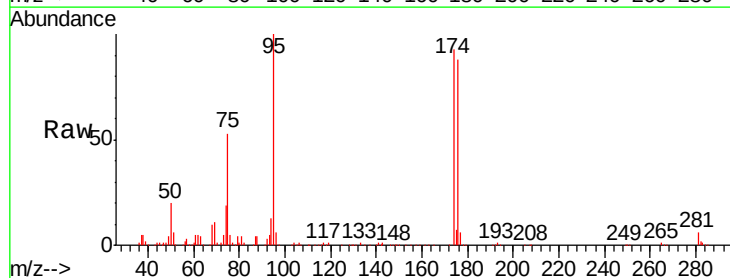
Tgt Ion: 95 Resp: 113478

Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

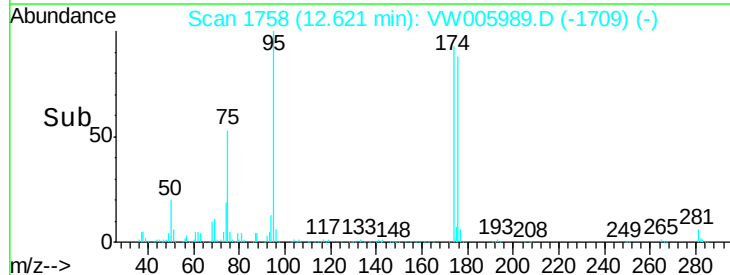
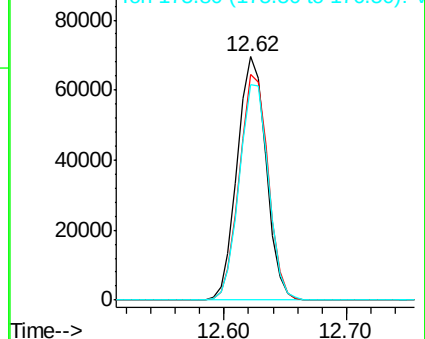
176 89.7 0.0 173.0

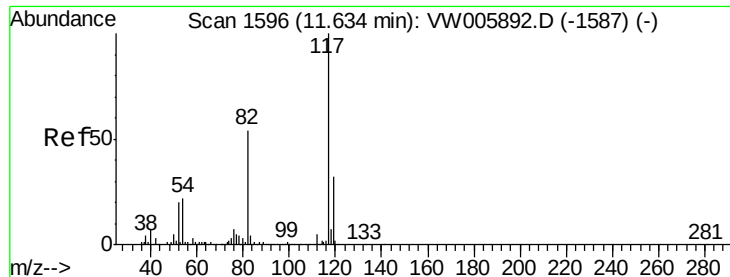


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW005989.D

Acq: 10 Oct 2018 15:37

Instrument :

MSVOA_W

ClientSampleId :

S-13-V

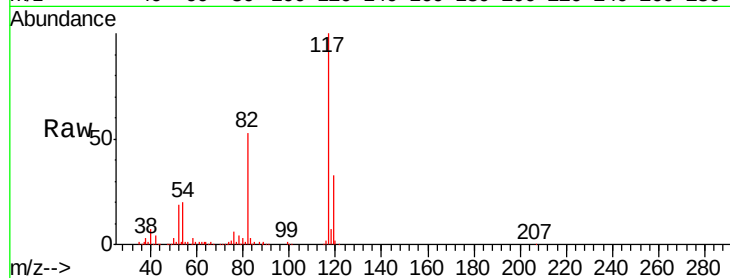
Tgt Ion:117 Resp: 258479

Ion Ratio Lower Upper

117 100

82 52.7 43.5 65.3

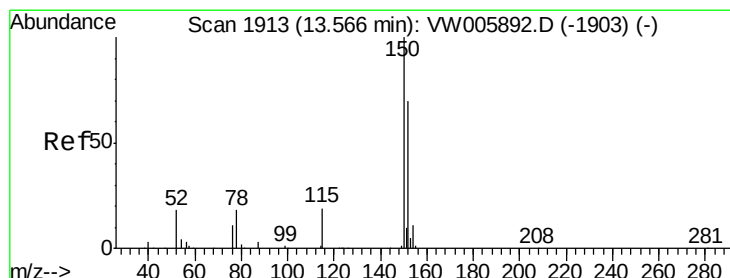
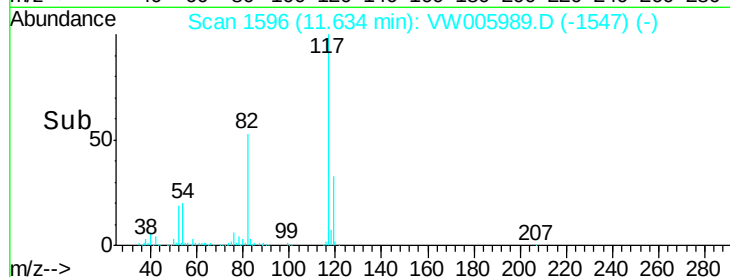
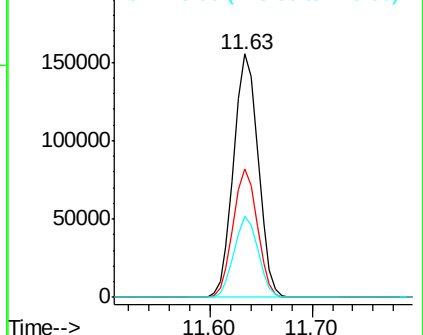
119 33.1 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005989.D

Acq: 10 Oct 2018 15:37

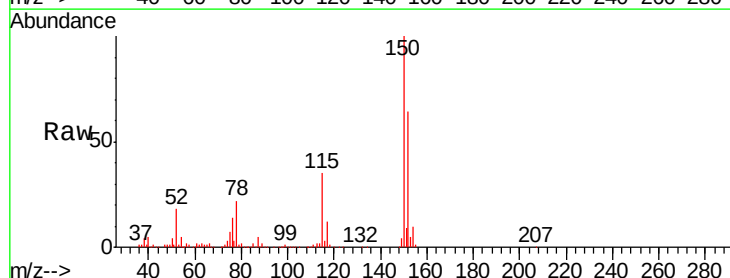
Tgt Ion:152 Resp: 122044

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

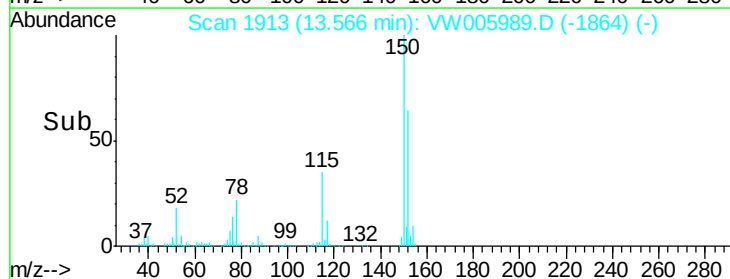
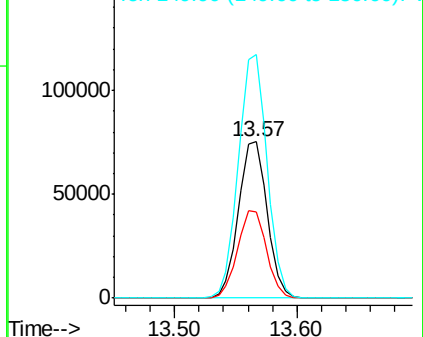
150 156.1 0.0 349.2

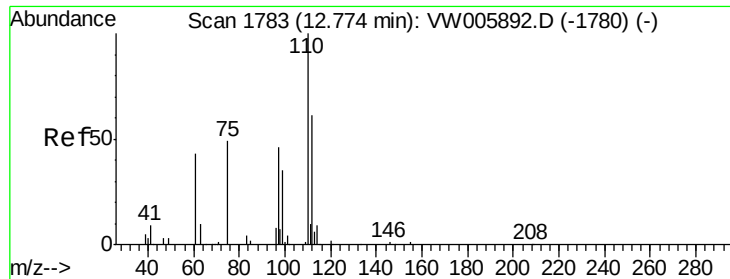


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

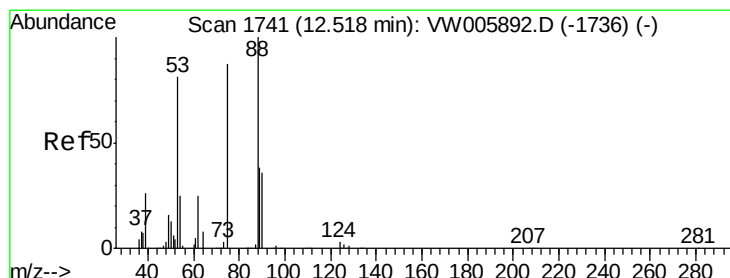
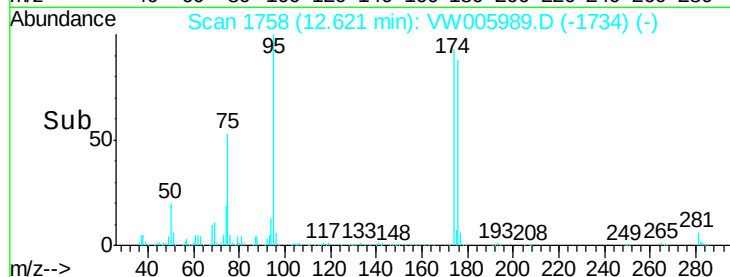
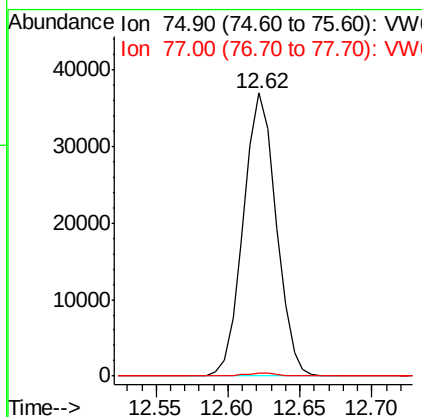
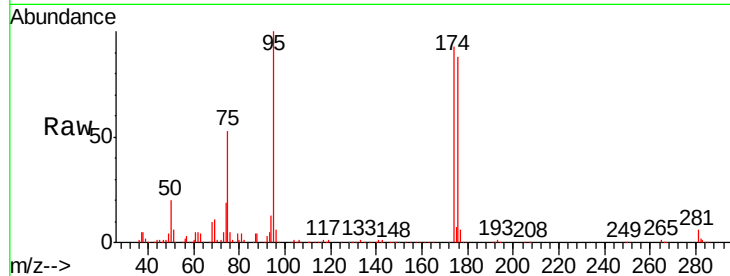




#76
 1,2,3-Trichloropropane
 Concen: 53.53 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005989.D
 Acq: 10 Oct 2018 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 S-13-V

Tgt Ion: 75 Resp: 58362
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.02 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005989.D
 Acq: 10 Oct 2018 15:37

Tgt Ion: 75 Resp: 58362
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.0 37.6 56.4#

