

Data File : VW005926.D
Acq On : 09 Oct 2018 06:38
Operator : SY/AP
Sample : J5306-10
Misc : 6.50G/5ML/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-34-V

Quant Time: Oct 09 08:16:36 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	225628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	354322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	75341	34.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.80%	
35) Dibromofluoromethane	7.89	113	76575	33.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.70%	
50) Toluene-d8	10.33	98	250317	28.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.52%	
62) 4-Bromofluorobenzene	12.62	95	95412	28.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.62%	

Target Compounds

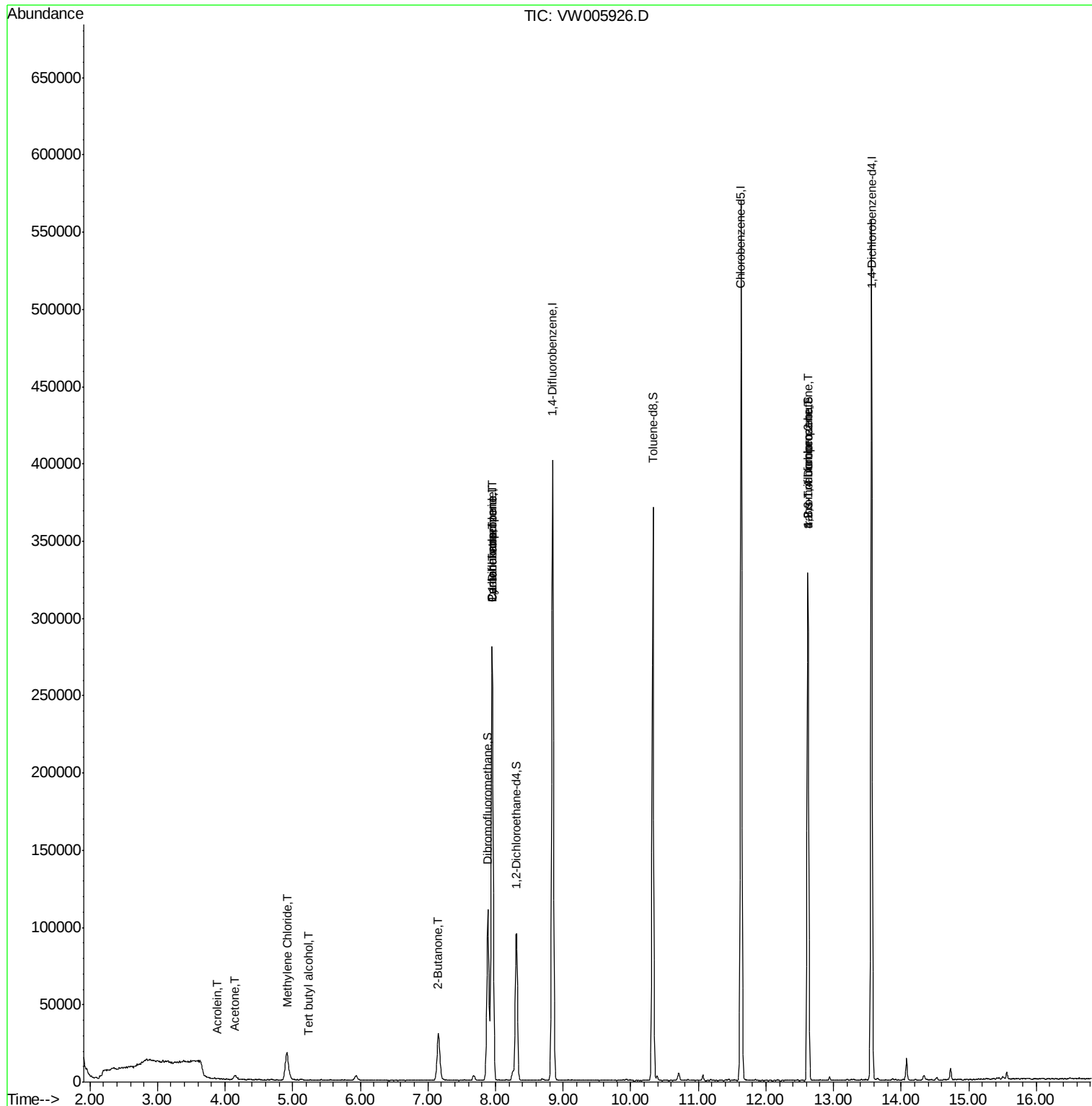
						Qvalue
11) Tert butyl alcohol	5.23	59	222	1.383	ug/l #	74
13) Acrolein	3.89	56	176	1.230	ug/l #	16
16) Acetone	4.14	43	5145	11.760	ug/l	100
20) Methylene Chloride	4.92	84	15190	6.930	ug/l	95
25) 2-Butanone	7.15	43	1746	2.806	ug/l	92
31) Cyclohexane	7.95	56	4503	1.174	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	14880	4.383	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20782	5.697	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	49398	36.056	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49398	76.118	ug/l #	11

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

Data File : VW005926.D
Acq On : 09 Oct 2018 06:38
Operator : SY/AP
Sample : J5306-10
Misc : 6.50G/5ML/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
S-34-V

Quant Time: Oct 09 08:16:36 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005926.D

Acq: 09 Oct 2018 06:38

Instrument :

MSVOA_W

ClientSampled :

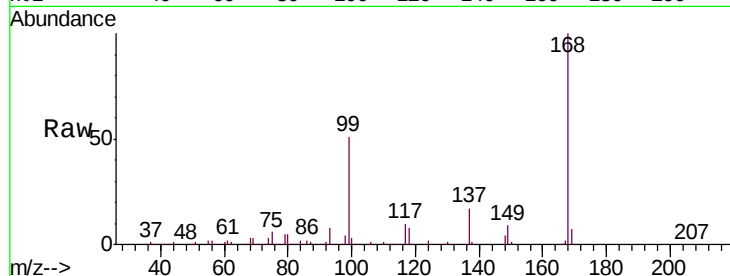
S-34-V

Tgt Ion:168 Resp: 225628

Ion Ratio Lower Upper

168 100

99 50.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

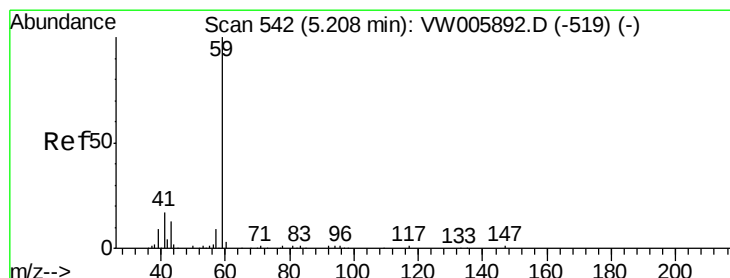
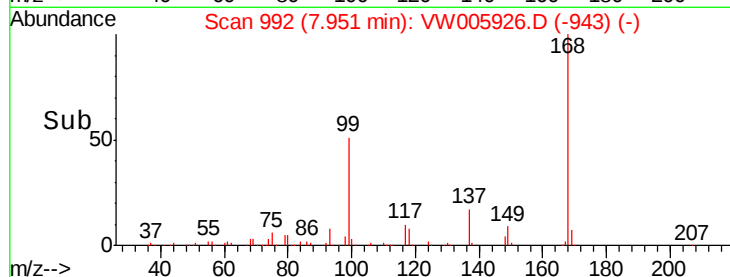
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.383 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.02 min

Lab File: VW005926.D

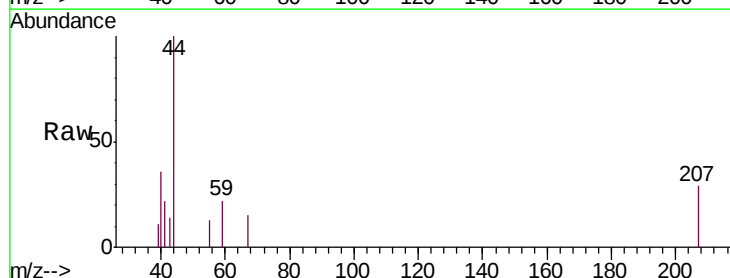
Acq: 09 Oct 2018 06:38

Tgt Ion: 59 Resp: 222

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

120

100

80

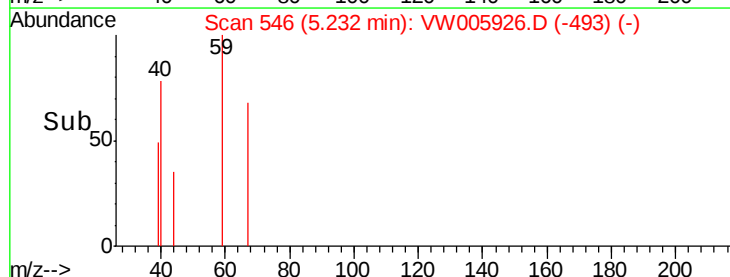
60

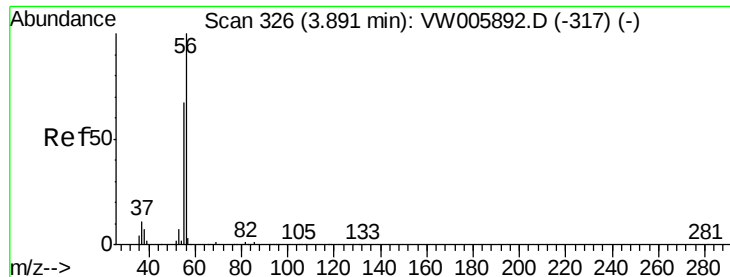
40

20

0

Time-->





#13

Acrolein

Concen: 1.230 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW005926.D

Acq: 09 Oct 2018 06:38

Instrument :

MSVOA_W

ClientSampleId :

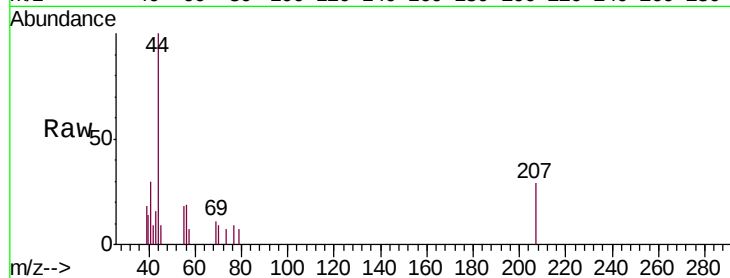
S-34-V

Tgt Ion: 56 Resp: 176

Ion Ratio Lower Upper

56 100

55 0.0 54.6 82.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

200

150

100

50

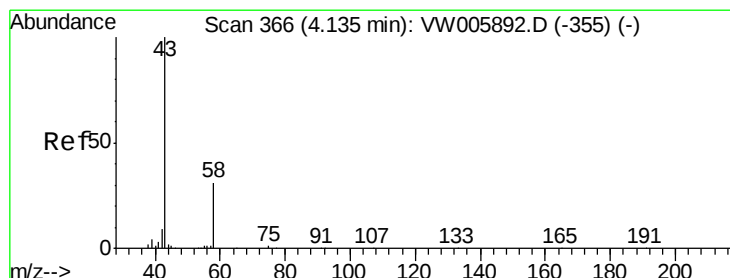
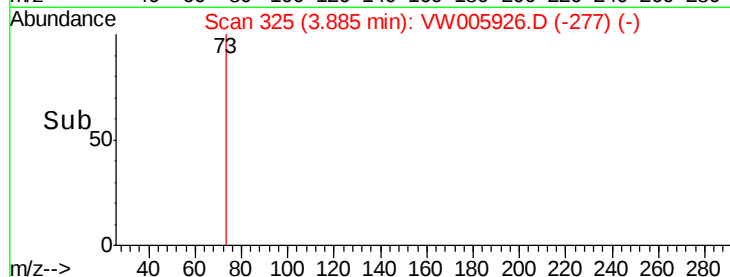
0

3.86

3.88

3.90

Time-->



#16

Acetone

Concen: 11.760 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005926.D

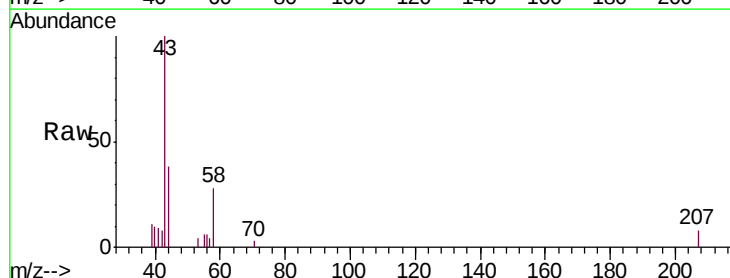
Acq: 09 Oct 2018 06:38

Tgt Ion: 43 Resp: 5145

Ion Ratio Lower Upper

43 100

58 30.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

1000

500

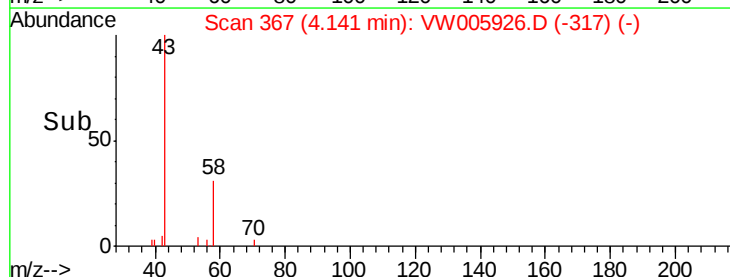
0

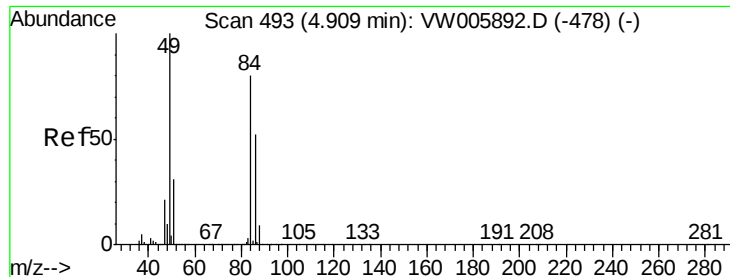
4.10

4.14

4.20

Time-->

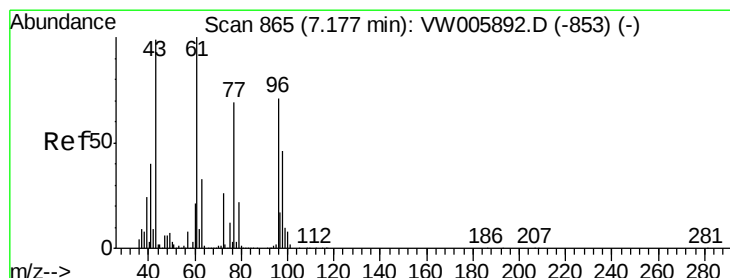
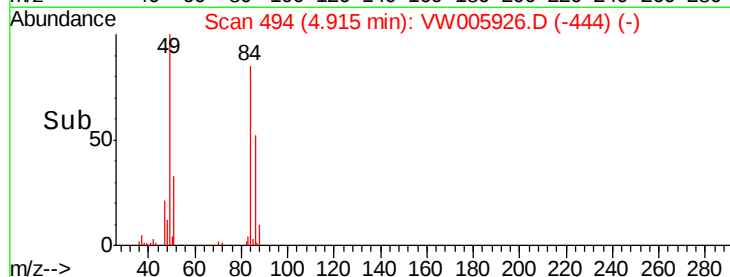
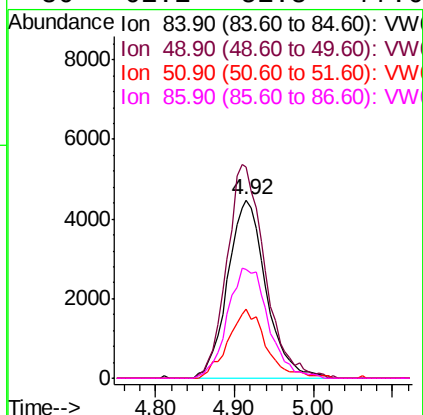
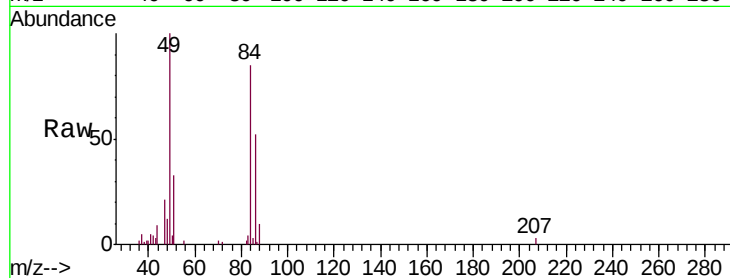




#20
Methylene Chloride
Concen: 6.930 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005926.D
Acq: 09 Oct 2018 06:38

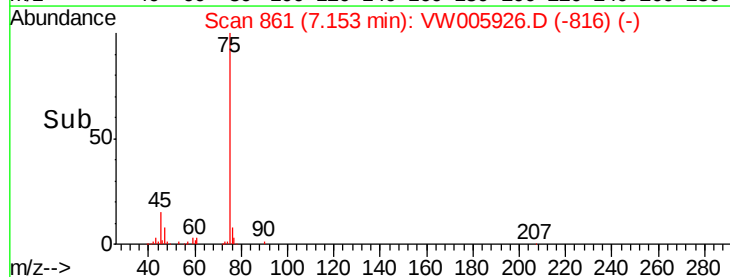
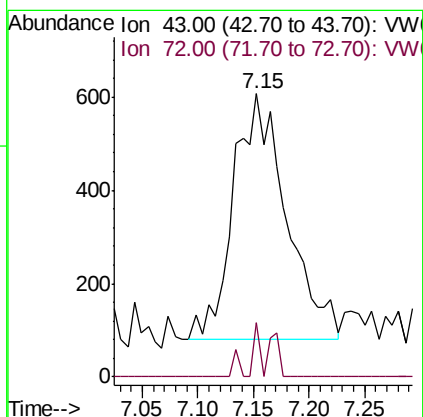
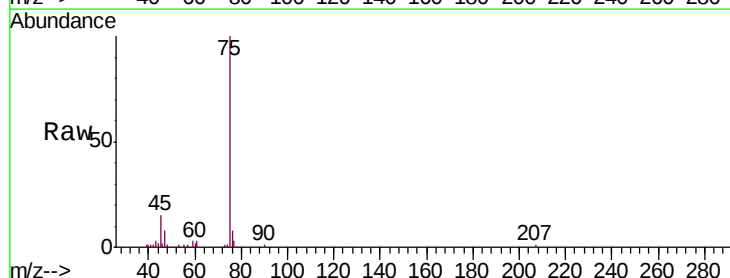
Instrument :
MSVOA_W
ClientSampleId :
S-34-V

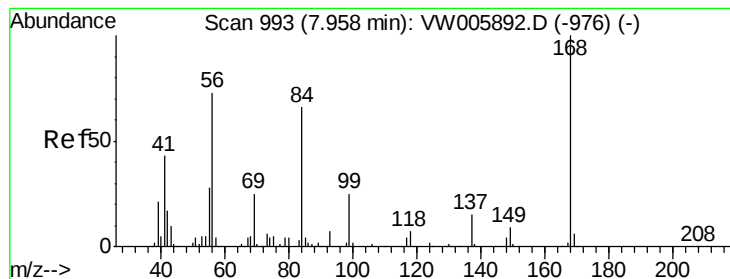
Tgt Ion:	84	Resp:	15190
Ion	Ratio	Lower	Upper
84	100		
49	118.0	99.9	149.9
51	38.6	31.1	46.7
86	61.1	51.8	77.6



#25
2-Butanone
Concen: 2.806 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005926.D
Acq: 09 Oct 2018 06:38

Tgt Ion:	43	Resp:	1746
Ion	Ratio	Lower	Upper
43	100		
72	22.1	21.0	31.4





#31

Cyclohexane

Concen: 1.174 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005926.D

Acq: 09 Oct 2018 06:38

Instrument :

MSVOA_W

ClientSampled :

S-34-V

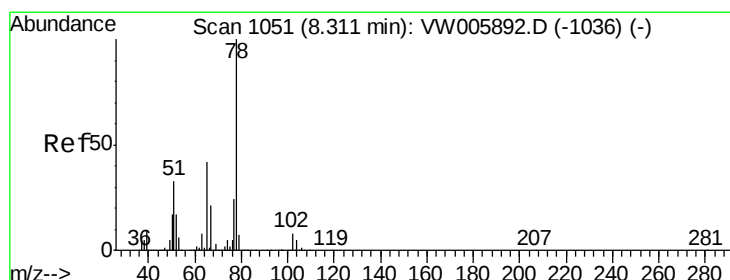
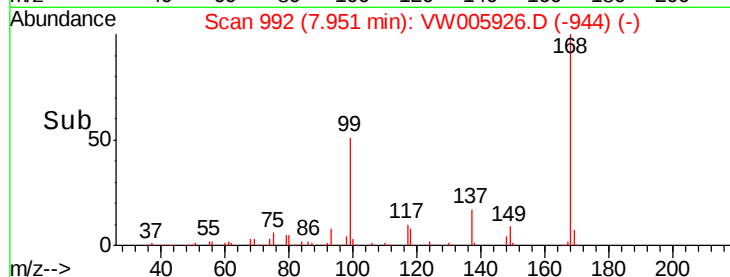
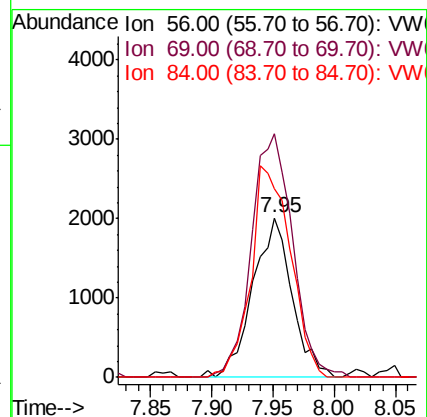
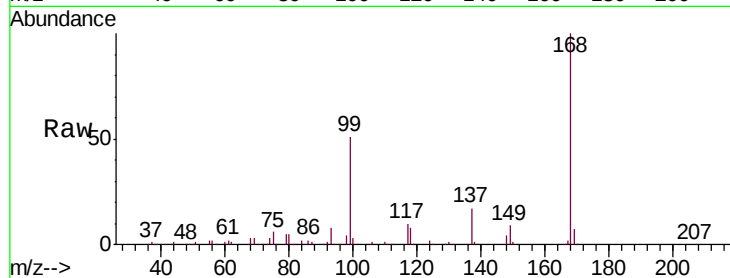
Tgt Ion: 56 Resp: 4503

Ion Ratio Lower Upper

56 100

69 152.7 27.9 41.9#

84 118.0 72.3 108.5#



#33

1,2-Dichloroethane-d4

Concen: 34.397 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005926.D

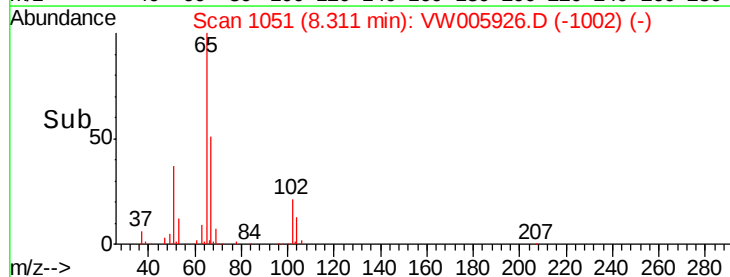
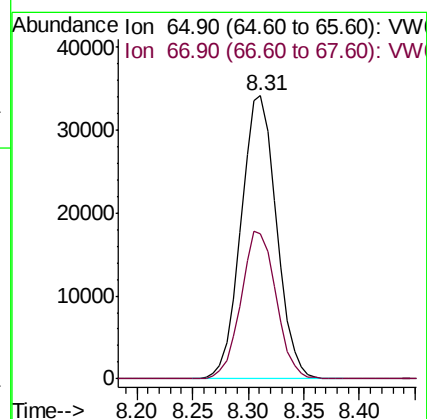
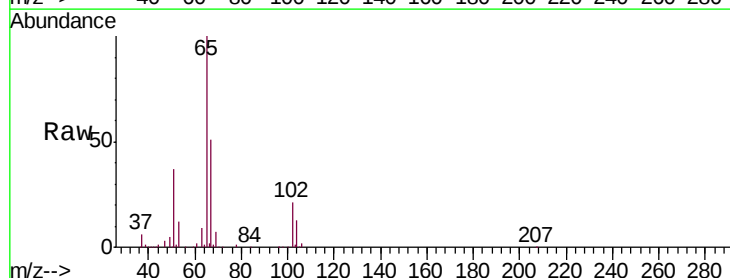
Acq: 09 Oct 2018 06:38

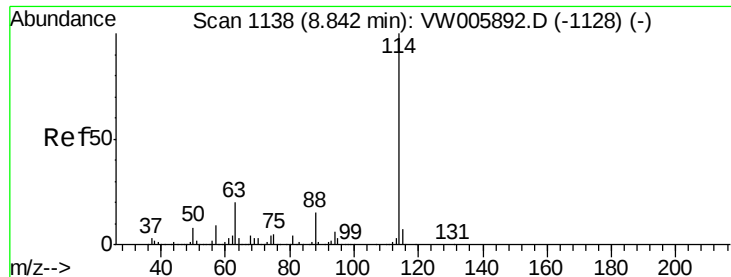
Tgt Ion: 65 Resp: 75341

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6

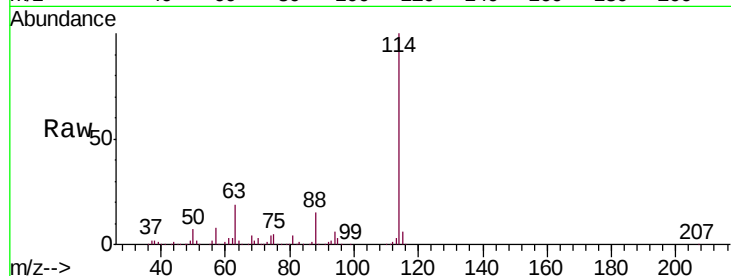




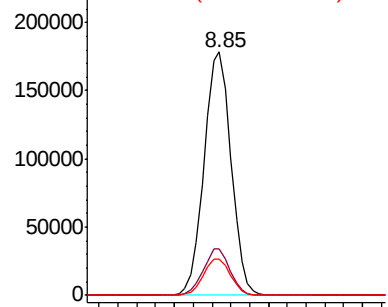
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005926.D
 Acq: 09 Oct 2018 06:38

Instrument :
 MSVOA_W
 ClientSampleId :
 S-34-V

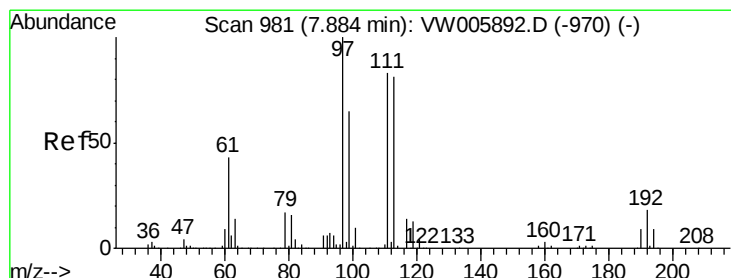
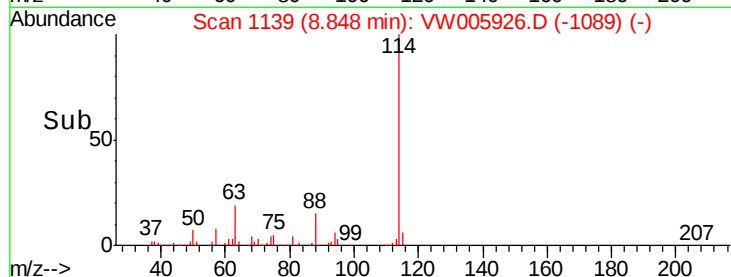
Tgt Ion:114 Resp: 354322
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.0 0.0 30.8



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

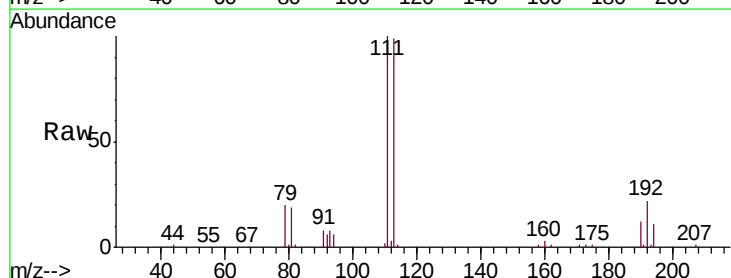


Time-->

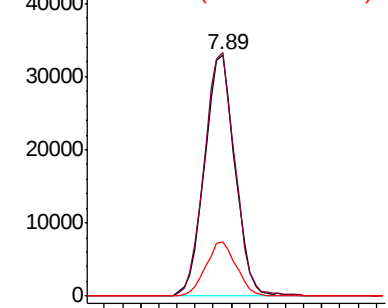


#35
 Dibromofluoromethane
 Concen: 33.850 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005926.D
 Acq: 09 Oct 2018 06:38

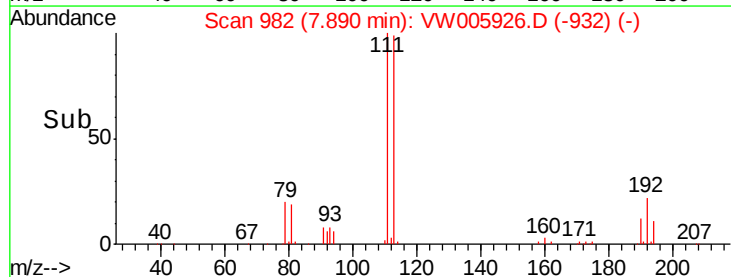
Tgt Ion:113 Resp: 76575
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 22.5 18.3 27.5

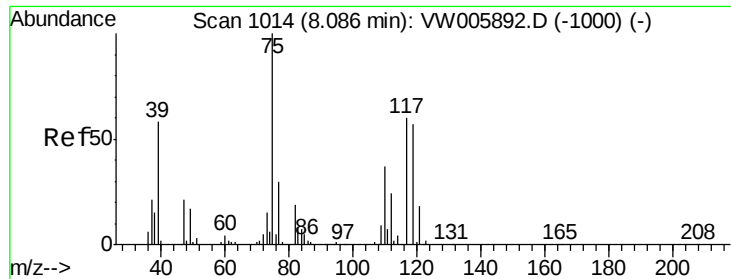


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

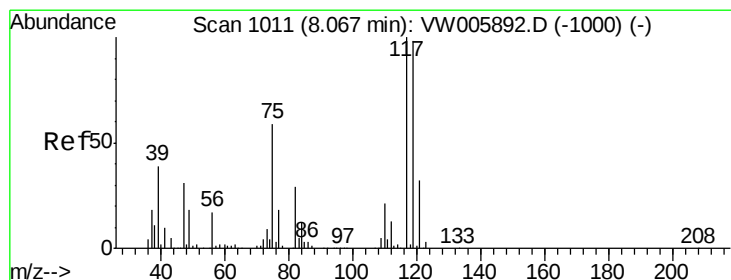
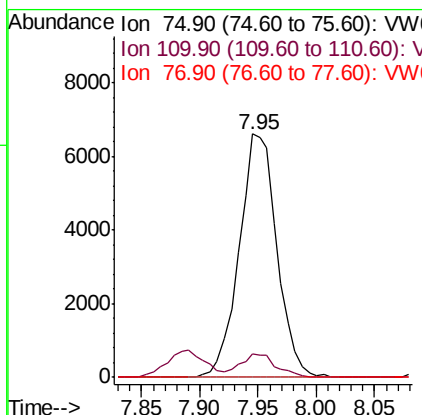
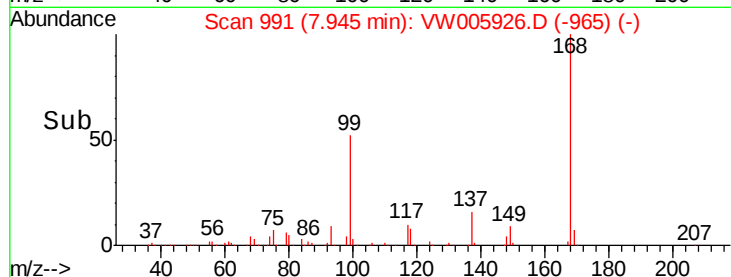
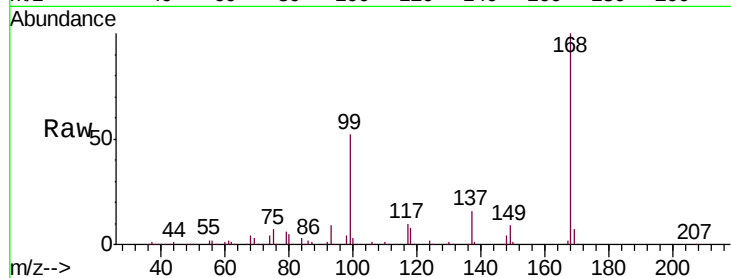




#36
 1,1-Dichloropropene
 Concen: 4.383 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005926.D
 Acq: 09 Oct 2018 06:38

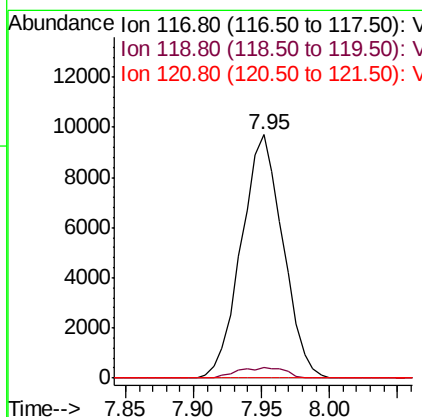
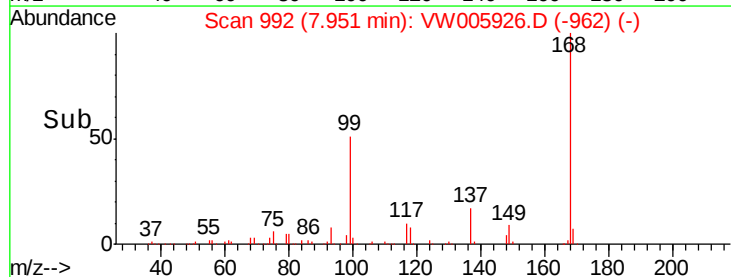
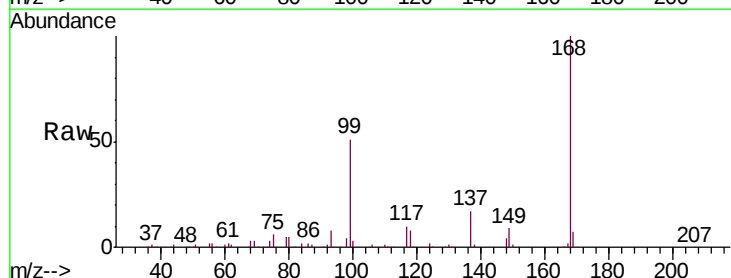
Instrument :
 MSVOA_W
 ClientSampled :
 S-34-V

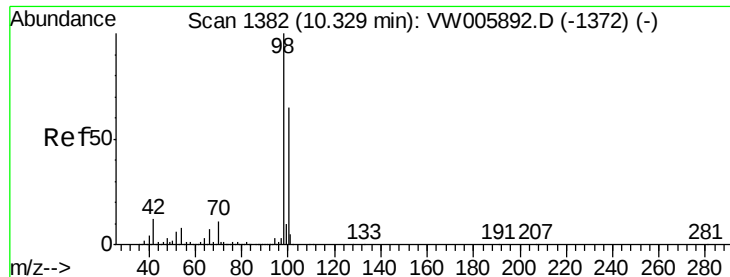
Tgt Ion: 75 Resp: 14880
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.697 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005926.D
 Acq: 09 Oct 2018 06:38

Tgt Ion: 117 Resp: 20782
 Ion Ratio Lower Upper
 117 100
 119 4.4 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 28.760 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005926.D

Acq: 09 Oct 2018 06:38

Instrument :

MSVOA_W

ClientSampleId :

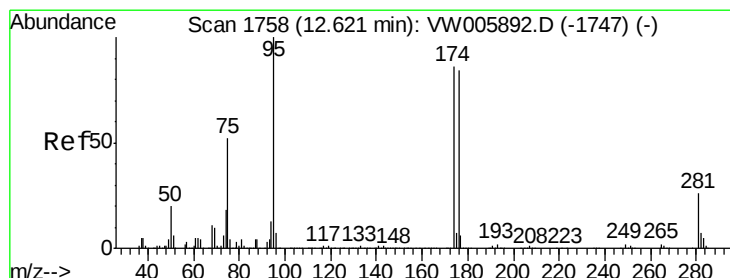
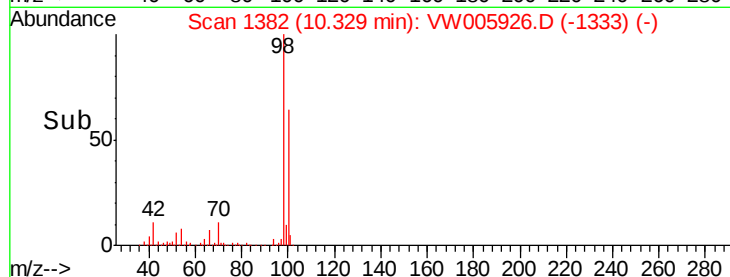
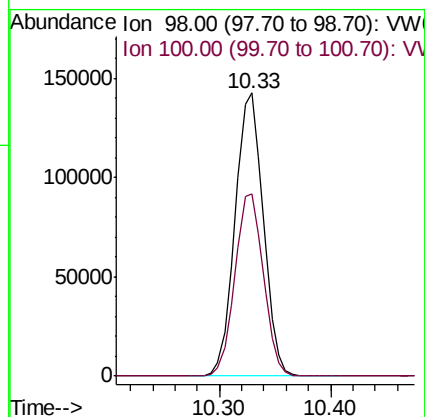
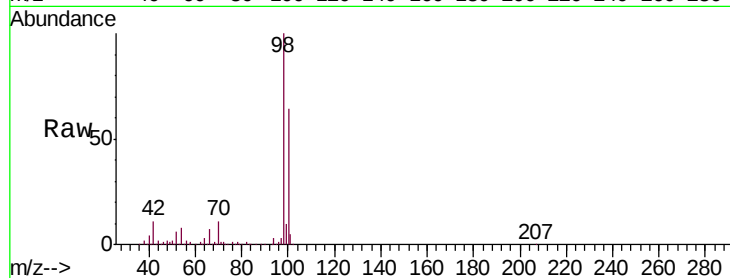
S-34-V

Tgt Ion: 98 Resp: 250317

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 28.813 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005926.D

Acq: 09 Oct 2018 06:38

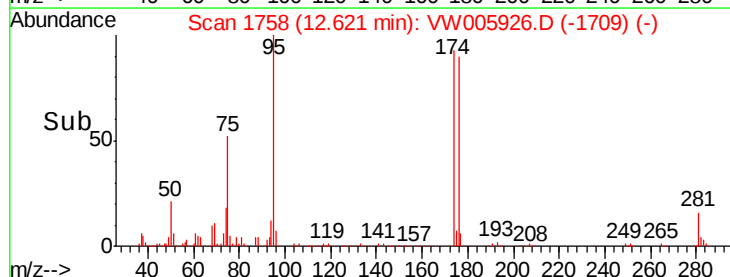
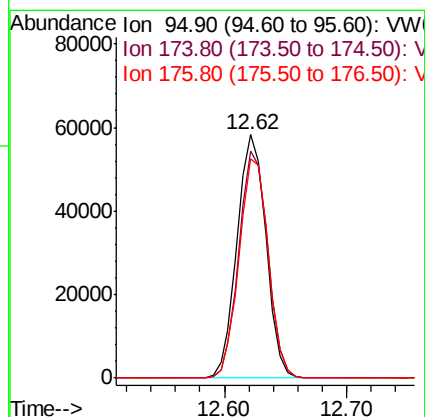
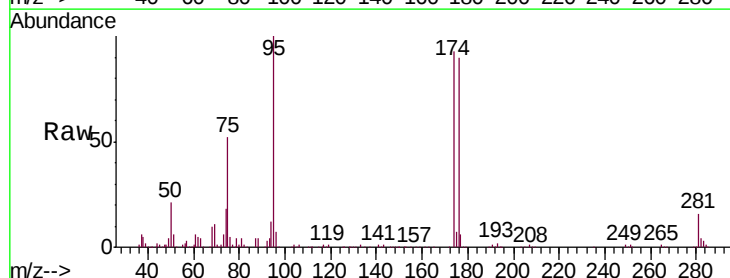
Tgt Ion: 95 Resp: 95412

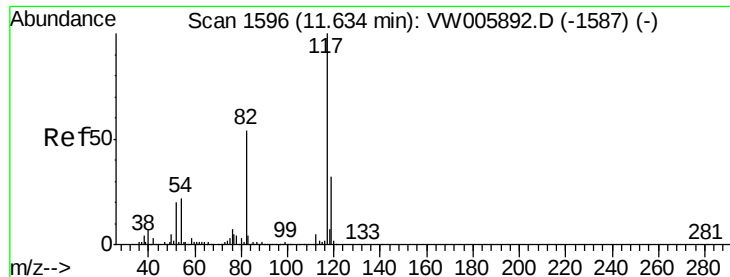
Ion Ratio Lower Upper

95 100

174 93.1 0.0 176.4

176 91.0 0.0 173.0

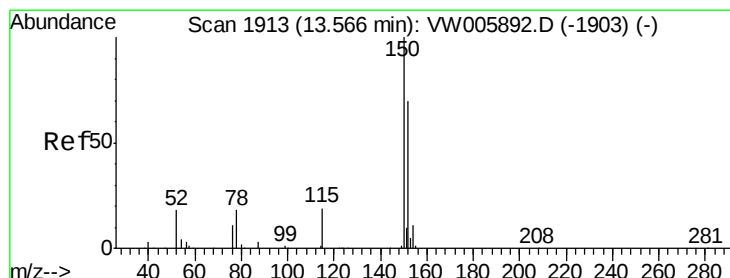
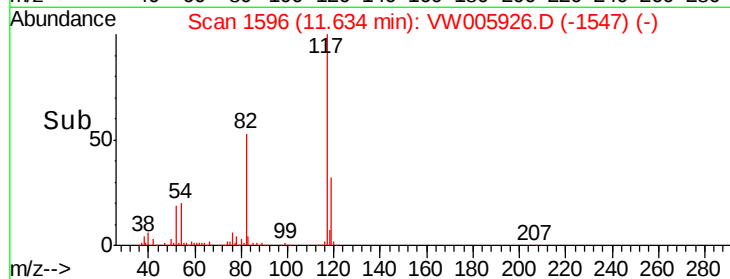
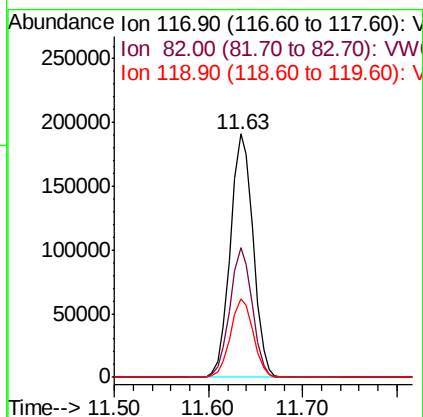
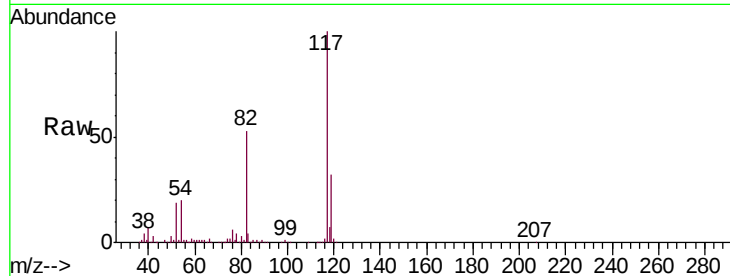




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005926.D
Acq: 09 Oct 2018 06:38

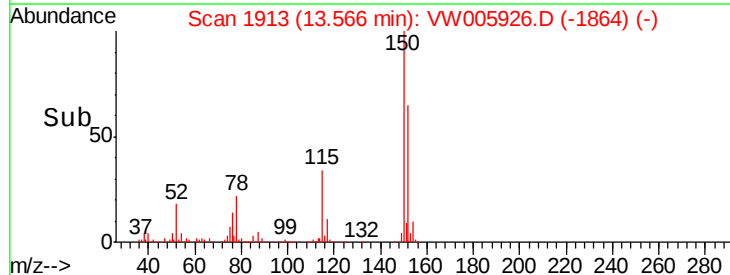
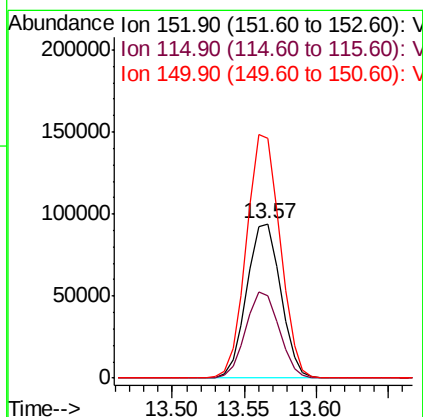
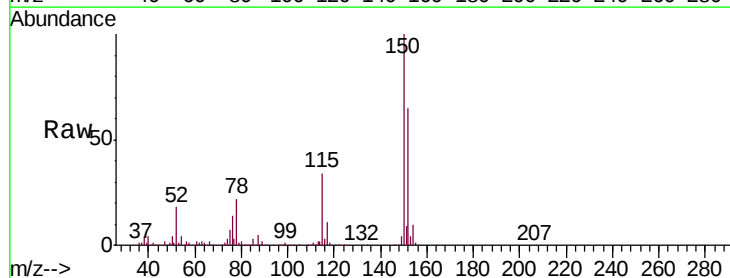
Instrument :
MSVOA_W
ClientSampled :
S-34-V

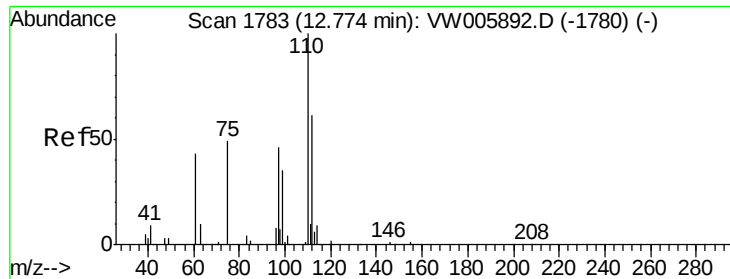
Tgt Ion:117 Resp: 320599
Ion Ratio Lower Upper
117 100
82 53.2 43.5 65.3
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005926.D
Acq: 09 Oct 2018 06:38

Tgt Ion:152 Resp: 153372
Ion Ratio Lower Upper
152 100
115 55.1 28.3 85.0
150 156.4 0.0 349.2

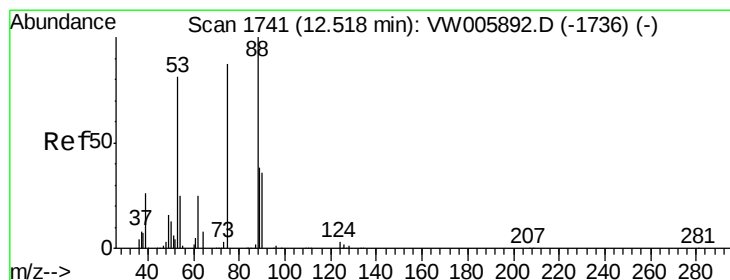
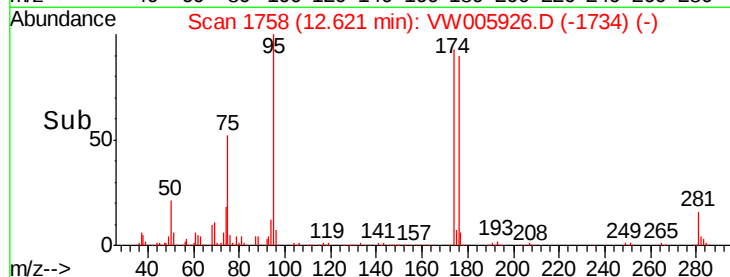
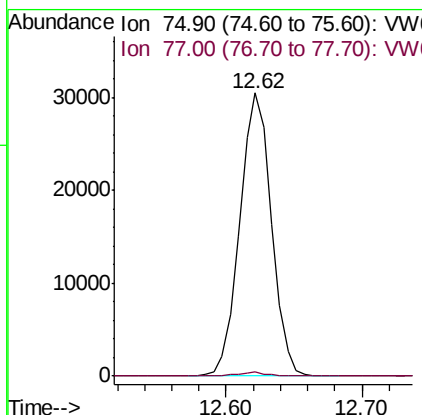
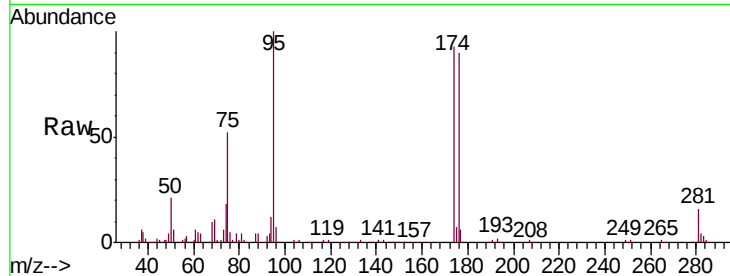




#76
 1,2,3-Trichloropropane
 Concen: 36.056 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005926.D
 Acq: 09 Oct 2018 06:38

Instrument :
 MSVOA_W
 ClientSampleId :
 S-34-V

Tgt Ion: 75 Resp: 49398
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.118 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005926.D
 Acq: 09 Oct 2018 06:38

Tgt Ion: 75 Resp: 49398
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.0 37.6 56.4#

