

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
 Data File : VW005677.D
 Acq On : 27 Sep 2018 01:53
 Operator : VA/AP
 Sample : J5097-07
 Misc : 6.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Sep 27 06:58:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	21477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	30958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	28577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	11083	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	15410	60.91	ug/l	0.00
Spiked Amount			Recovery	=	121.82%	
35) Dibromofluoromethane	7.89	113	12114	62.22	ug/l	0.00
Spiked Amount			Recovery	=	124.44%	
50) Toluene-d8	10.33	98	39587	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	11899	40.57	ug/l	0.00
Spiked Amount			Recovery	=	81.14%	

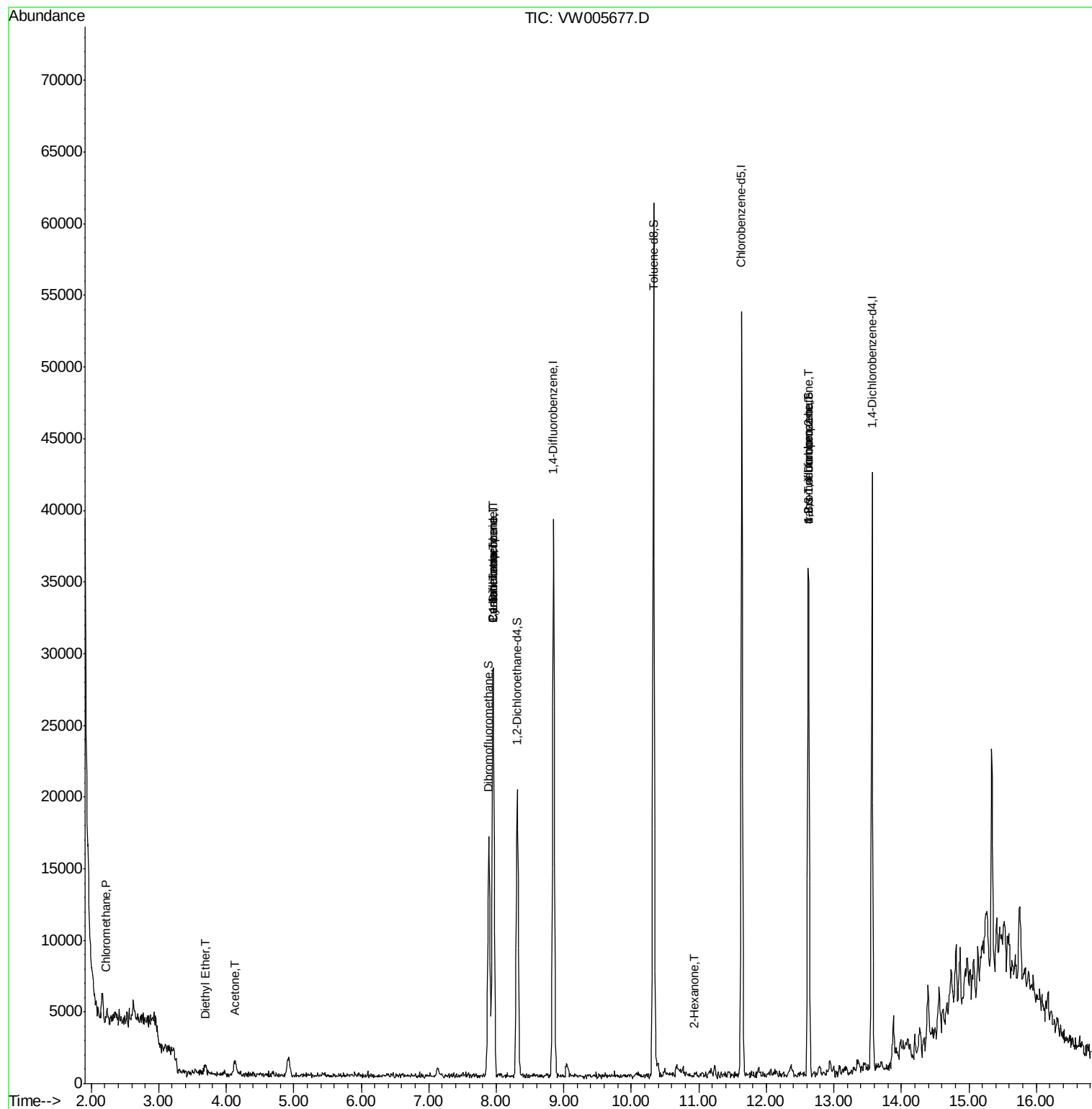
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	279	1.616	ug/l #	74
8) Diethyl Ether	3.69	74	218	2.068	ug/l	62
13) Acrolein	3.82	56	22	Below Cal	#	13
16) Acetone	4.13	43	1936	40.775	ug/l #	78
20) Methylene Chloride	4.91	84	598	Below Cal	#	89
31) Cyclohexane	7.96	56	501	1.277	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	1800	5.776	ug/l #	44
38) Carbon Tetrachloride	7.95	117	2088	6.252	ug/l #	19
59) 2-Hexanone	10.94	43	101	1.145	ug/l #	27
76) 1,2,3-Trichloropropane	12.62	75	5881	62.249	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	5881	140.204	ug/l #	7

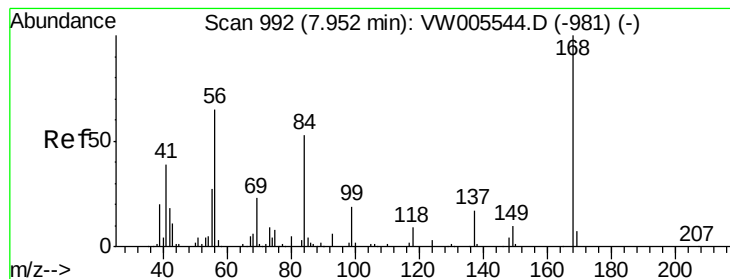
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
Data File : VW005677.D
Acq On : 27 Sep 2018 01:53
Operator : VA/AP
Sample : J5097-07
Misc : 6.07G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-4

Quant Time: Sep 27 06:58:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 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: VW005677.D

Acq: 27 Sep 2018 01:53

Instrument :

MSVOA_W

ClientSampled :

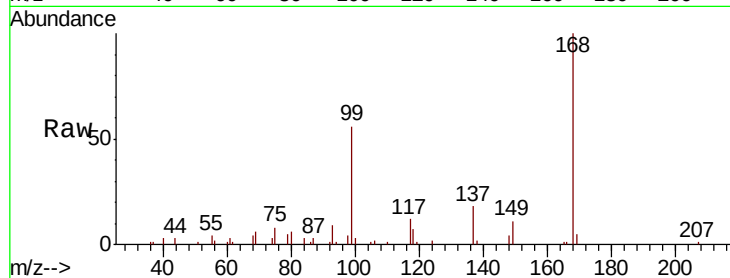
TP-4

Tgt Ion:168 Resp: 21477

Ion Ratio Lower Upper

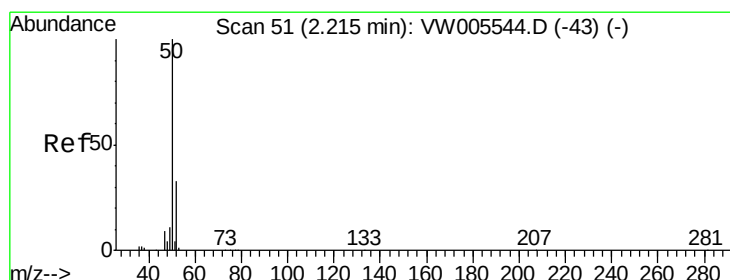
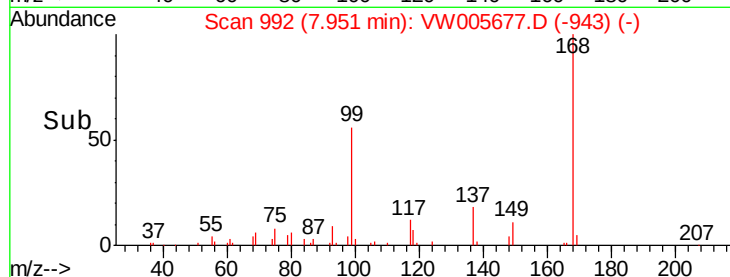
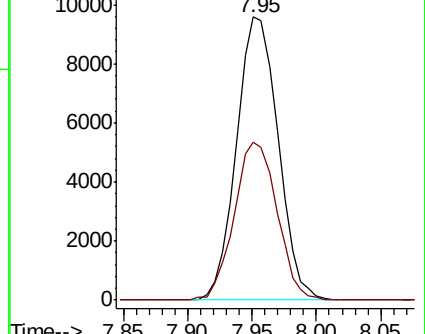
168 100

99 56.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 1.616 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005677.D

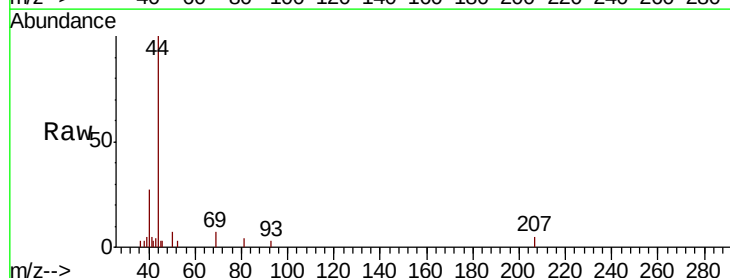
Acq: 27 Sep 2018 01:53

Tgt Ion: 50 Resp: 279

Ion Ratio Lower Upper

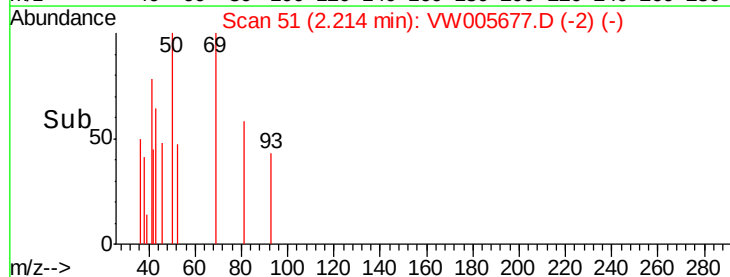
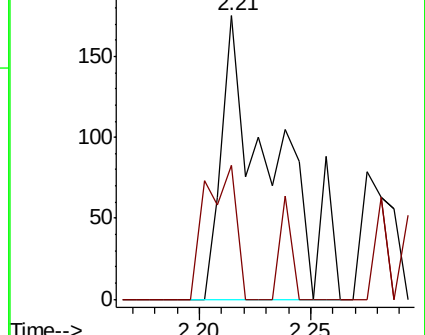
50 100

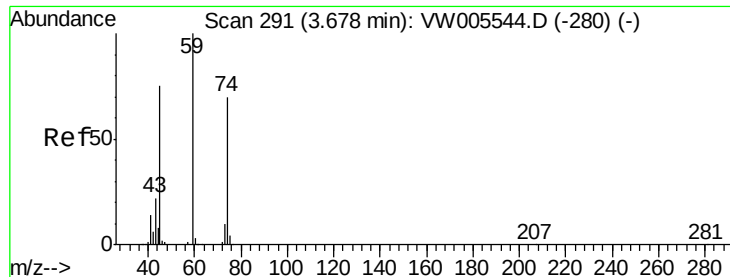
52 47.4 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#8

Diethyl Ether

Concen: 2.068 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW005677.D

Acq: 27 Sep 2018 01:53

Instrument :

MSVOA_W

ClientSampleId :

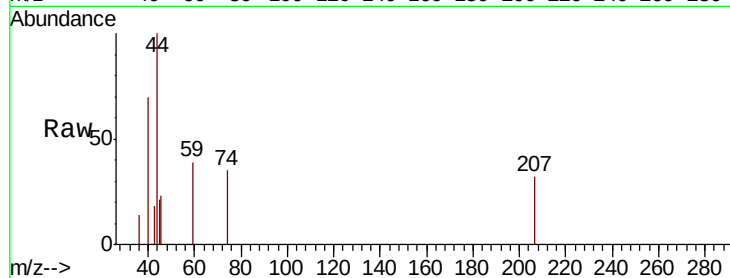
TP-4

Tgt Ion: 74 Resp: 218

Ion Ratio Lower Upper

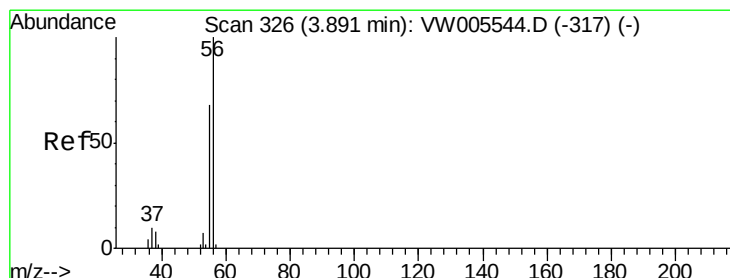
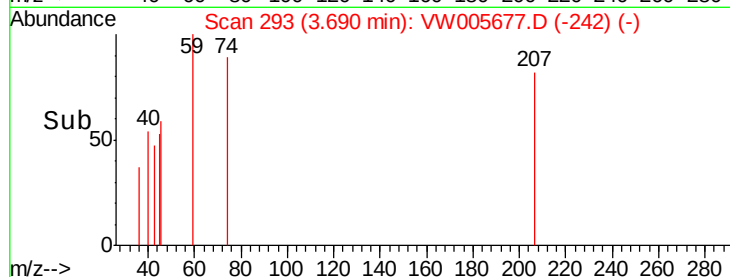
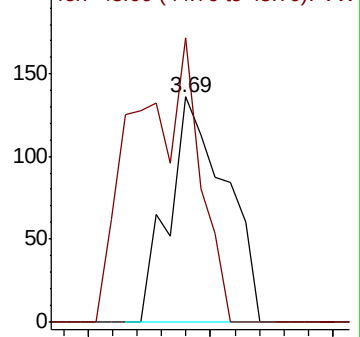
74 100

45 142.2 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



#13

Acrolein

Concen: Below Cal

RT: 3.82 min Scan# 315

Delta R.T. -0.07 min

Lab File: VW005677.D

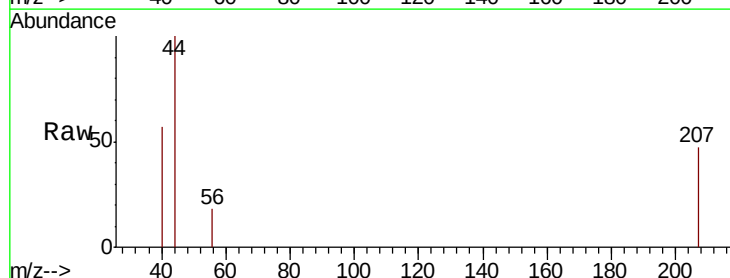
Acq: 27 Sep 2018 01:53

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

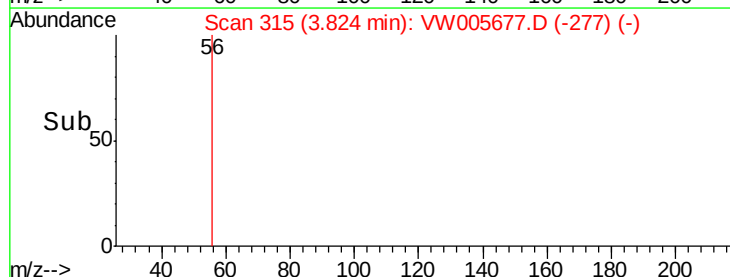
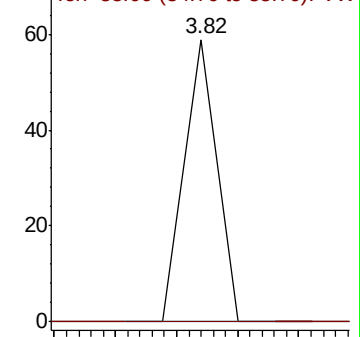
56 100

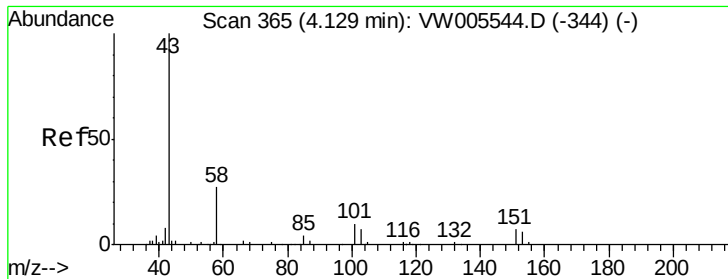
55 0.0 57.8 86.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

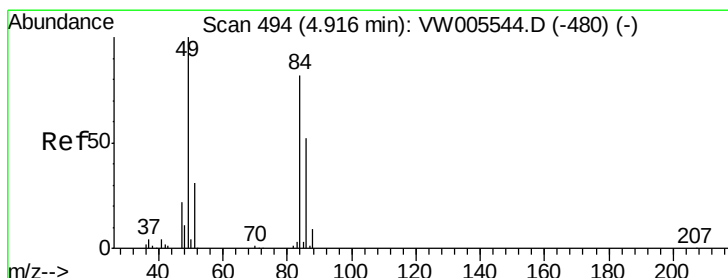
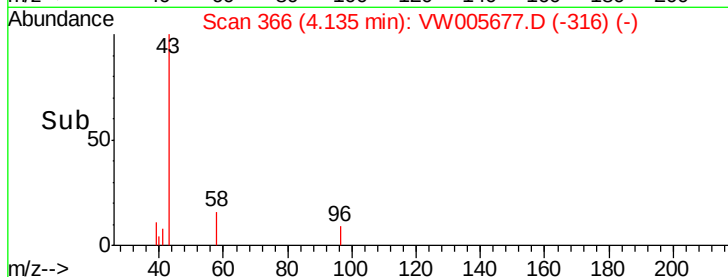
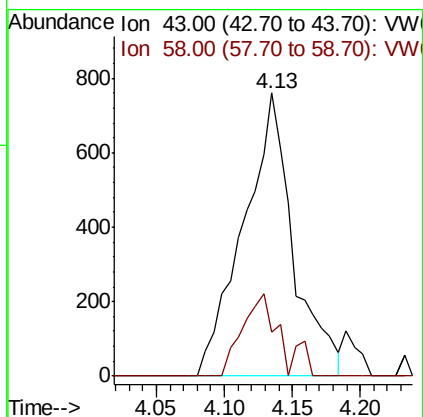
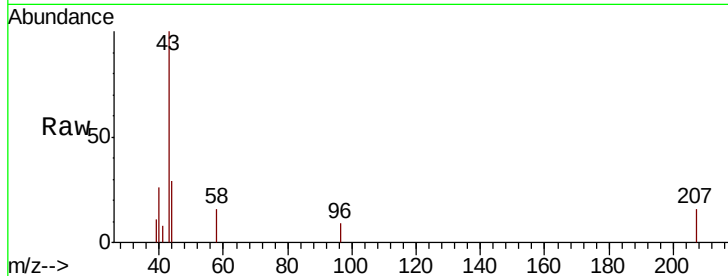




#16
Acetone
Concen: 40.775 ug/l
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005677.D
Acq: 27 Sep 2018 01:53

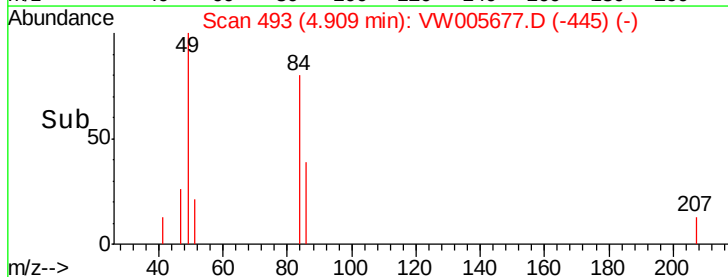
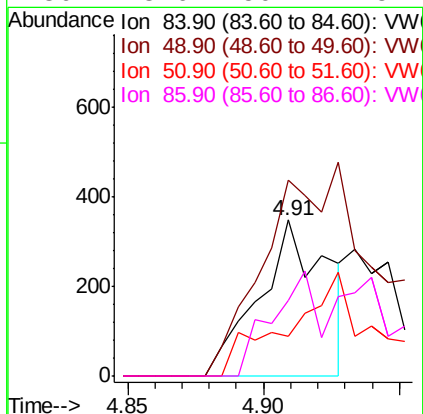
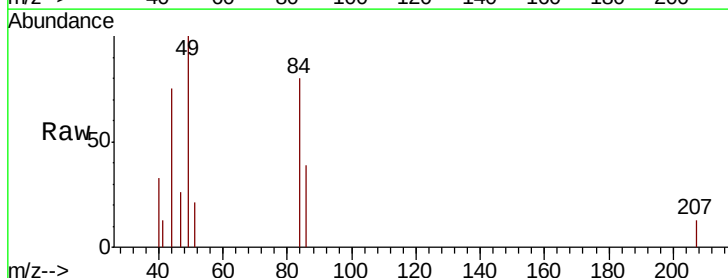
Instrument :
MSVOA_W
ClientSampled :
TP-4

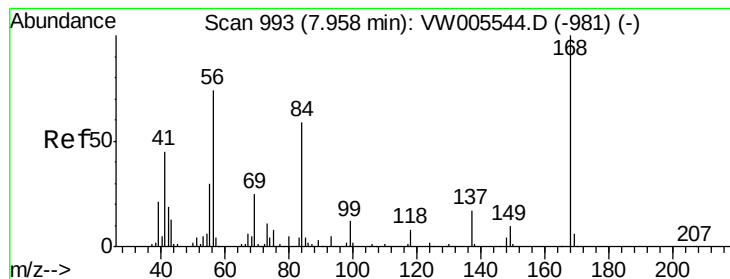
Tgt Ion: 43 Resp: 1936
Ion Ratio Lower Upper
43 100
58 15.7 21.8 32.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005677.D
Acq: 27 Sep 2018 01:53

Tgt Ion: 84 Resp: 598
Ion Ratio Lower Upper
84 100
49 125.6 97.0 145.6
51 25.9 30.2 45.2#
86 48.6 50.2 75.4#





#31

Cyclohexane

Concen: 1.277 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005677.D

Acq: 27 Sep 2018 01:53

Instrument :

MSVOA_W

ClientSampled :

TP-4

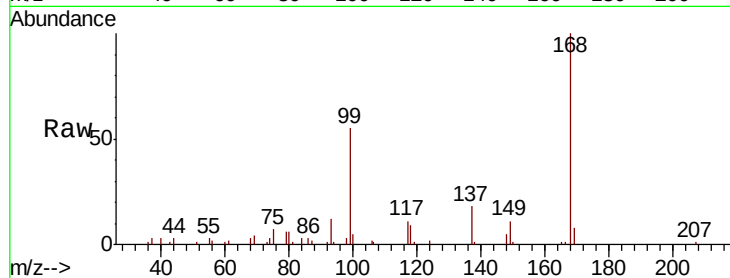
Tgt Ion: 56 Resp: 501

Ion Ratio Lower Upper

56 100

69 167.8 27.0 40.4#

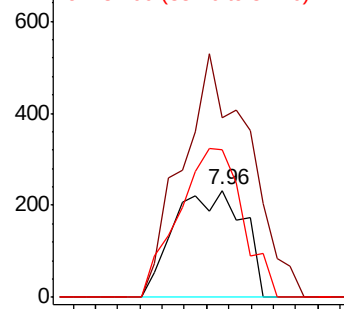
84 137.8 64.2 96.4#



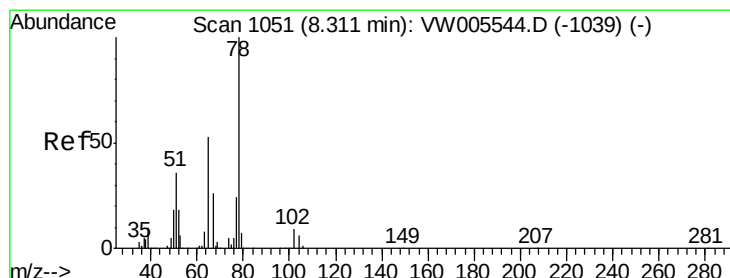
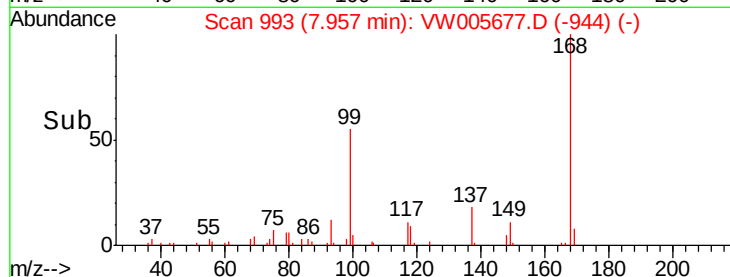
Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.906 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005677.D

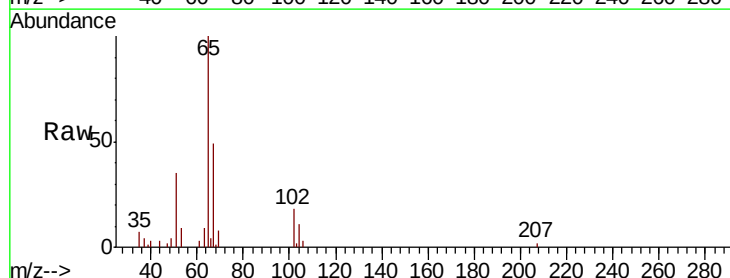
Acq: 27 Sep 2018 01:53

Tgt Ion: 65 Resp: 15410

Ion Ratio Lower Upper

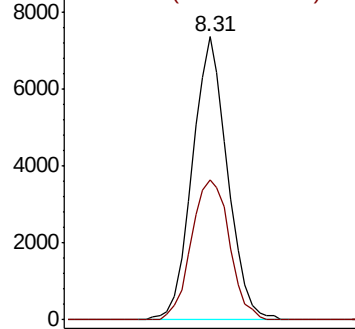
65 100

67 53.6 0.0 100.6

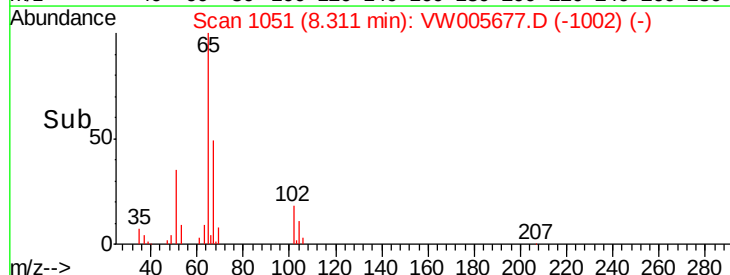


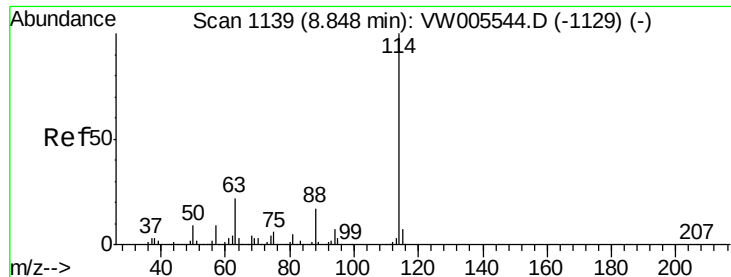
Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->

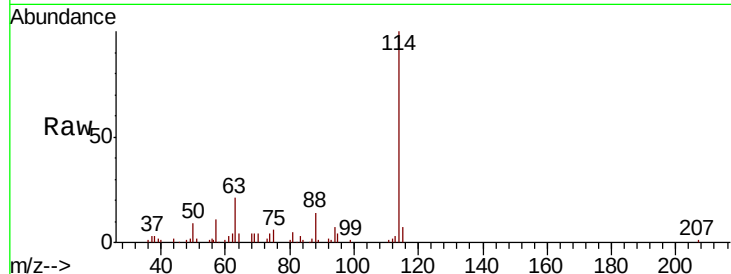




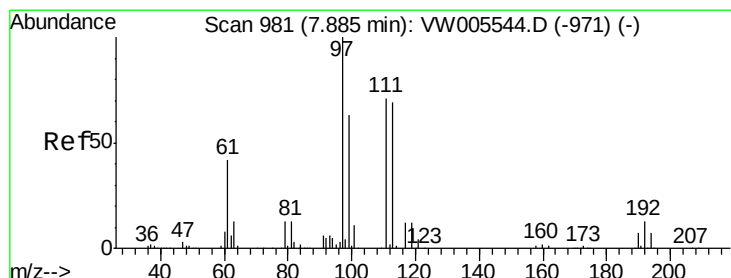
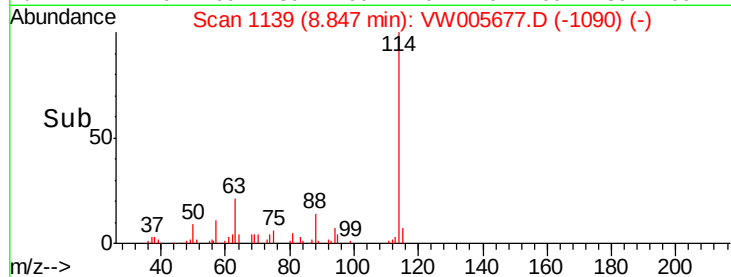
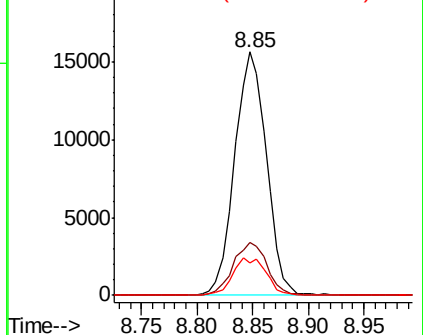
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005677.D
 Acq: 27 Sep 2018 01:53

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	13.6	0.0	33.0

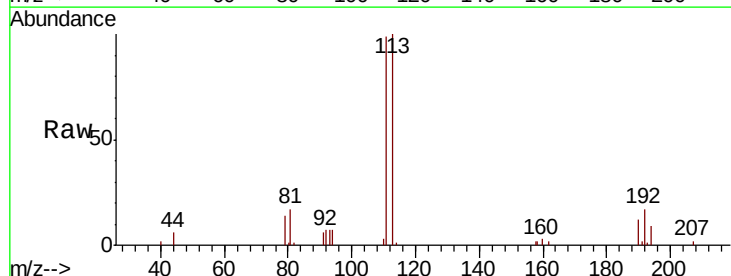


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

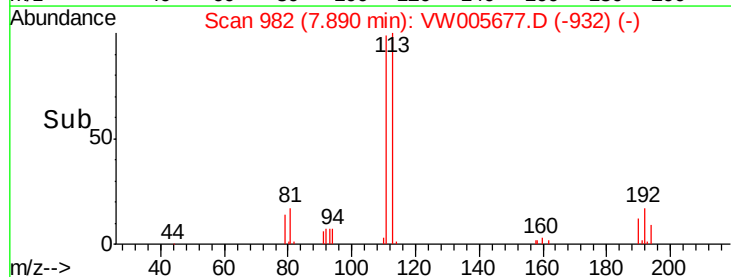
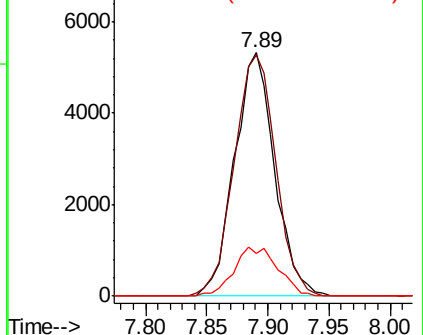


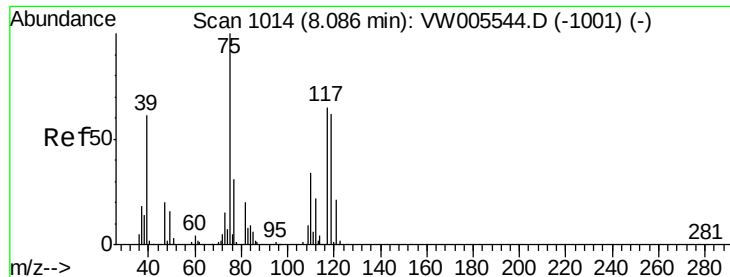
#35
 Dibromofluoromethane
 Concen: 62.224 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005677.D
 Acq: 27 Sep 2018 01:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	22.0	17.0	25.4



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: 5.776 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005677.D

Acq: 27 Sep 2018 01:53

Instrument :

MSVOA_W

ClientSampled :

TP-4

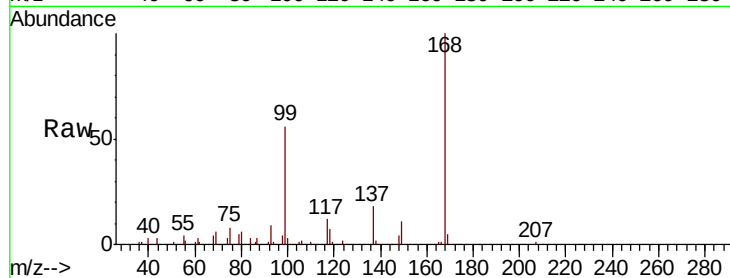
Tgt Ion: 75 Resp: 1800

Ion Ratio Lower Upper

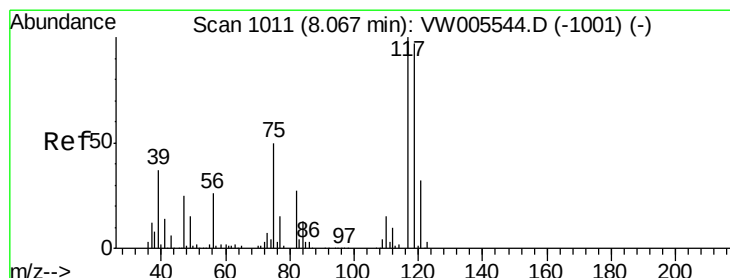
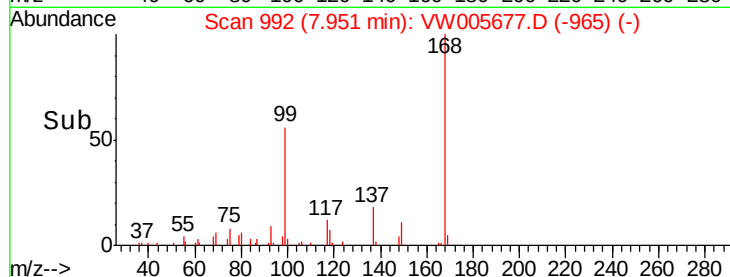
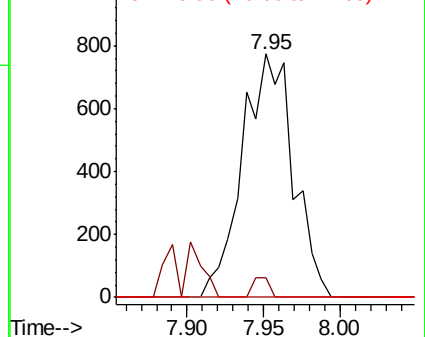
75 100

110 2.5 17.0 50.9#

77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.252 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005677.D

Acq: 27 Sep 2018 01:53

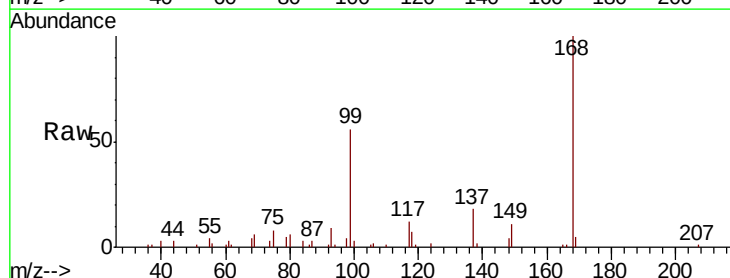
Tgt Ion: 117 Resp: 2088

Ion Ratio Lower Upper

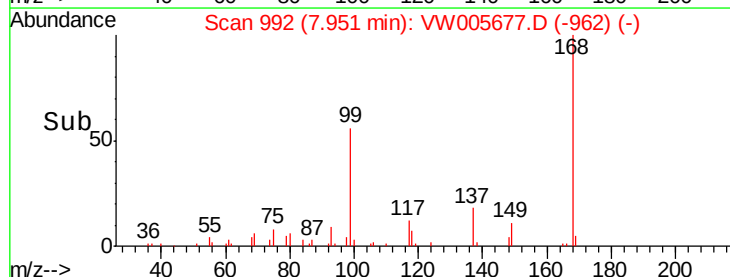
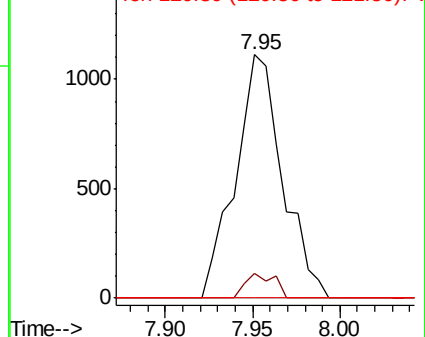
117 100

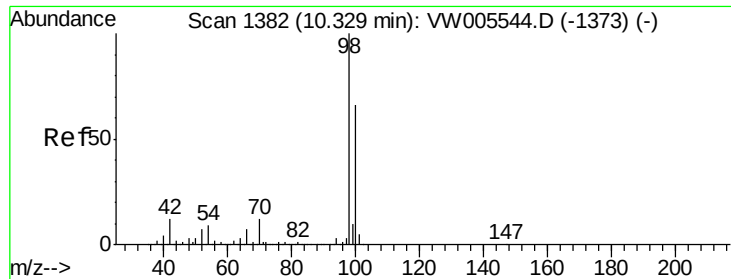
119 10.2 77.6 116.4#

121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

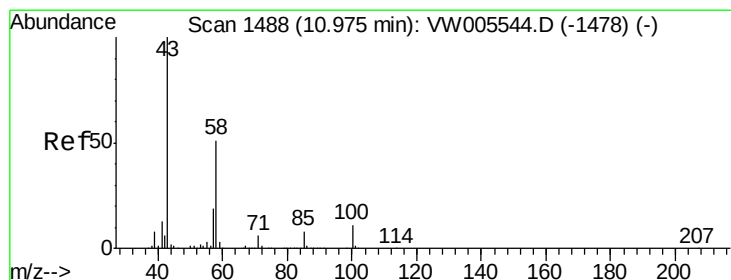
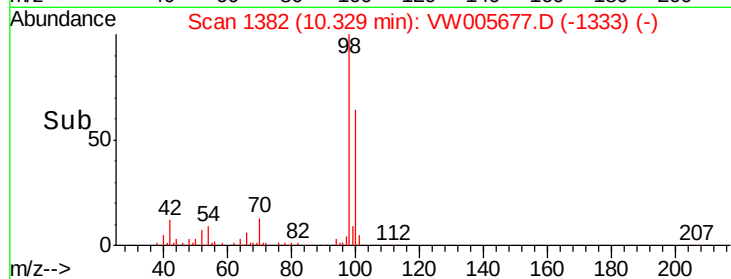
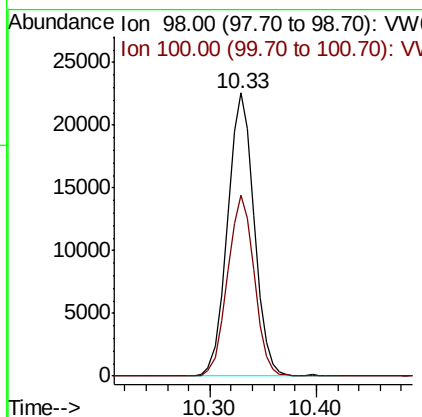
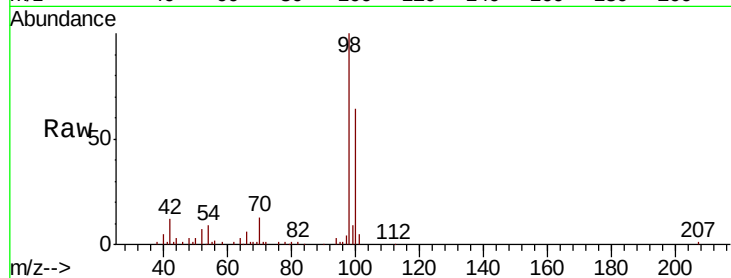




#50
Toluene-d8
Concen: 49.939 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005677.D
Acq: 27 Sep 2018 01:53

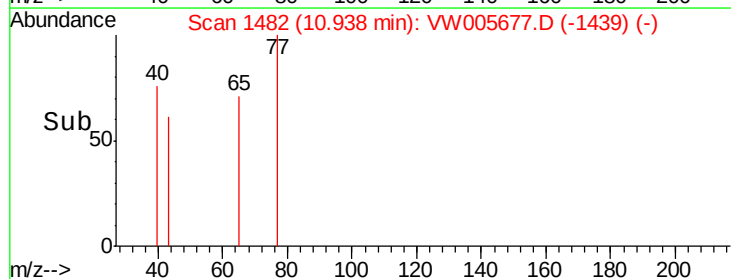
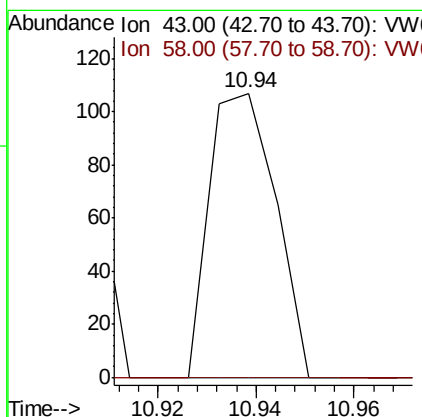
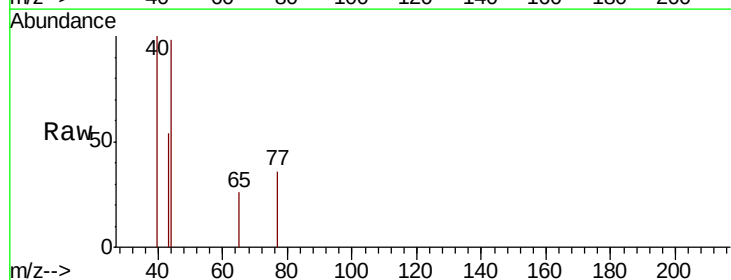
Instrument :
MSVOA_W
ClientSampled :
TP-4

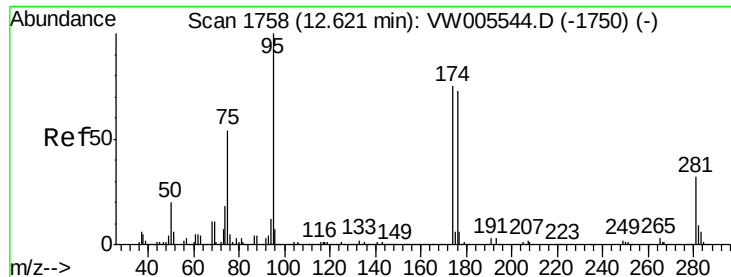
Tgt Ion: 98 Resp: 39587
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#59
2-Hexanone
Concen: 1.145 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.04 min
Lab File: VW005677.D
Acq: 27 Sep 2018 01:53

Tgt Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

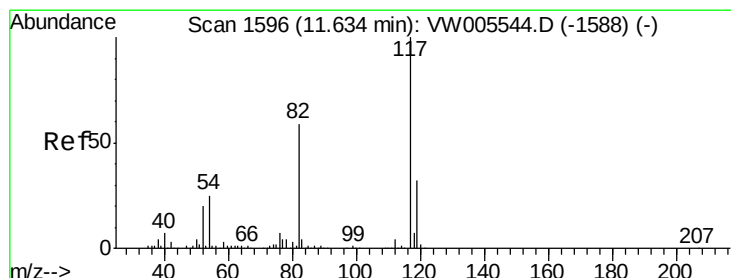
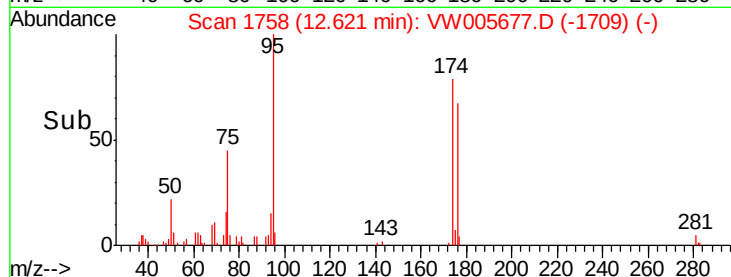
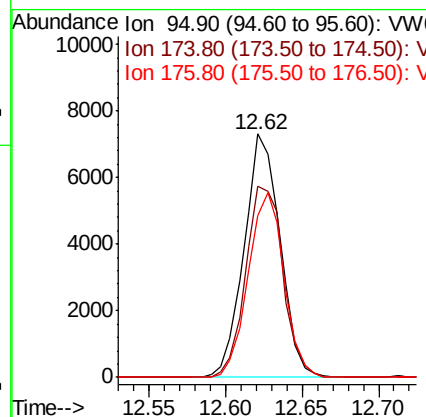
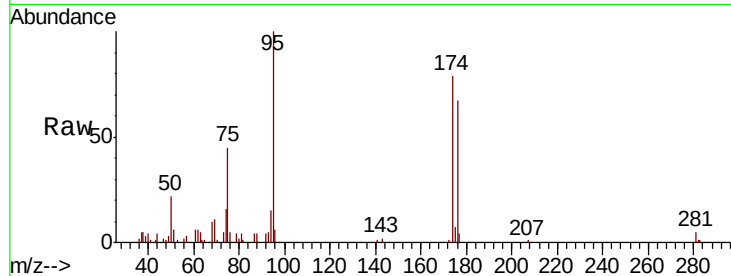




#62
4-Bromofluorobenzene
Concen: 40.567 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005677.D
Acq: 27 Sep 2018 01:53

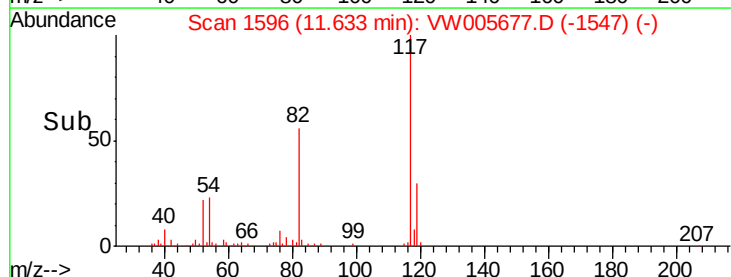
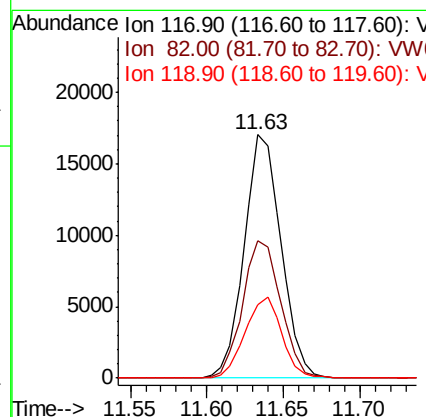
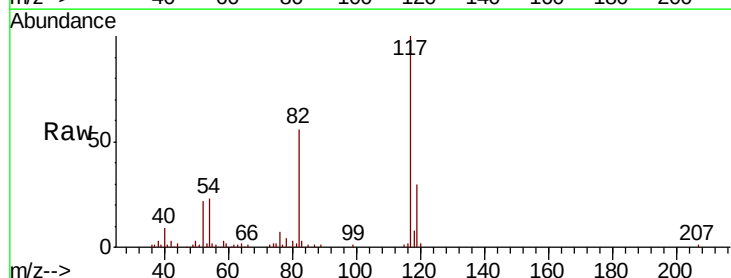
Instrument :
MSVOA_W
ClientSampleId :
TP-4

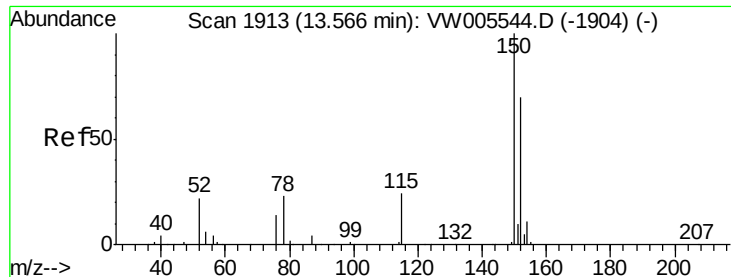
Tgt Ion: 95 Resp: 11899
Ion Ratio Lower Upper
95 100
174 81.6 0.0 163.8
176 75.6 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005677.D
Acq: 27 Sep 2018 01:53

Tgt Ion: 117 Resp: 28577
Ion Ratio Lower Upper
117 100
82 56.5 46.9 70.3
119 30.0 25.7 38.5



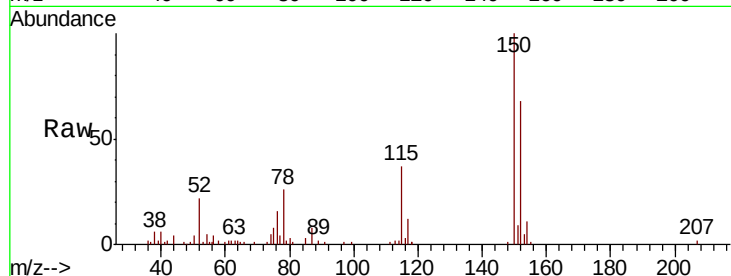


#72

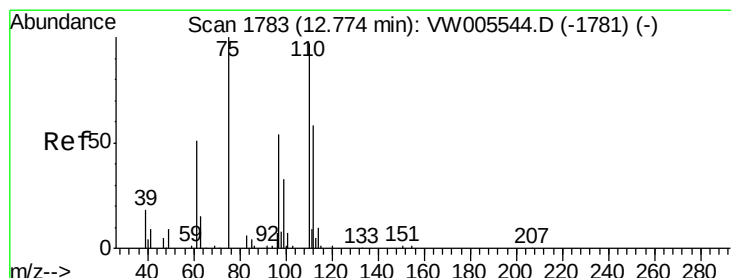
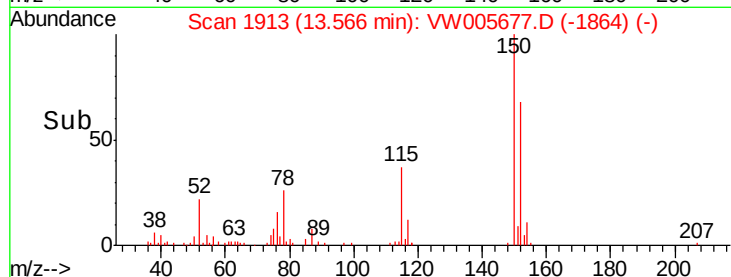
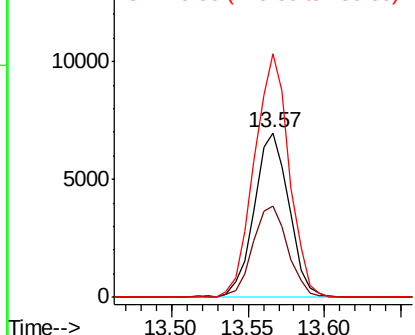
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005677.D
Acq: 27 Sep 2018 01:53

Instrument :
MSVOA_W
ClientSampled :
TP-4

Tgt Ion:152 Resp: 11083
Ion Ratio Lower Upper
152 100
115 56.3 30.0 90.0
150 147.8 0.0 348.6



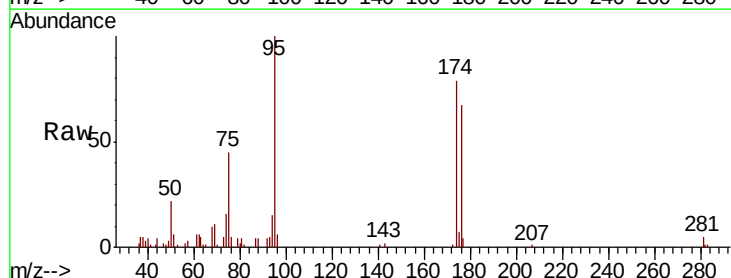
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



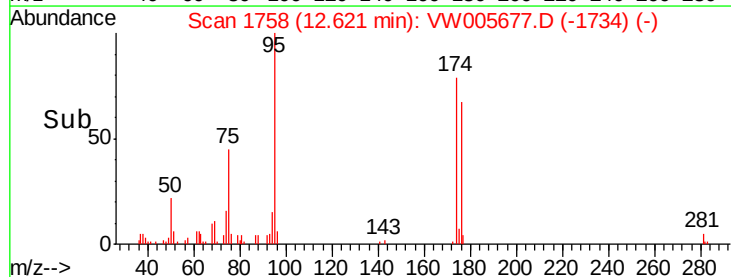
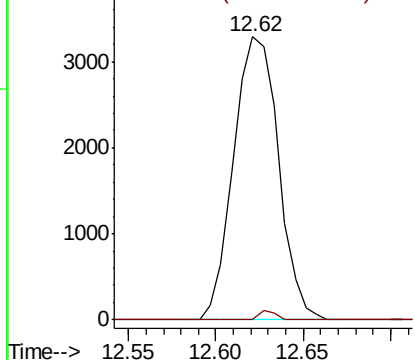
#76

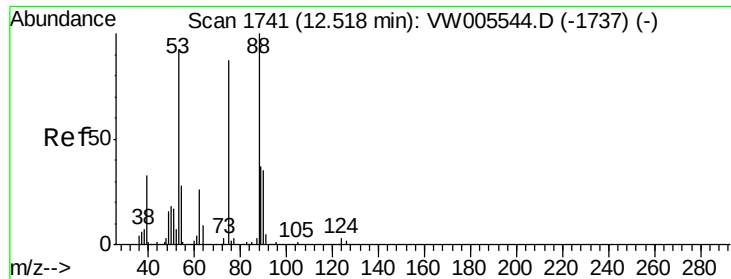
1,2,3-Trichloropropane
Concen: 62.249 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005677.D
Acq: 27 Sep 2018 01:53

Tgt Ion: 75 Resp: 5881
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 140.204 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005677.D

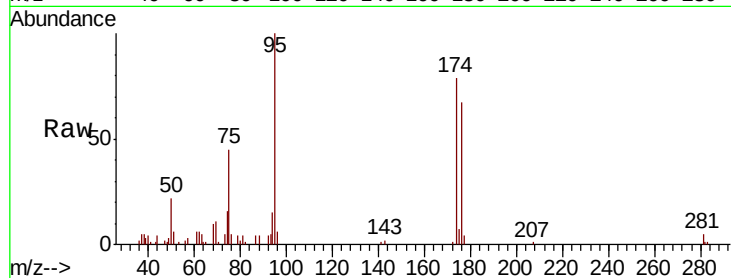
Acq: 27 Sep 2018 01:53

Instrument :

MSVOA_W

ClientSampleId :

TP-4



Tgt Ion: 75 Resp: 5881

Ion Ratio Lower Upper

75 100

53 0.4 85.8 128.6#

89 0.0 37.3 55.9#

