

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
 Data File : VW005674.D
 Acq On : 27 Sep 2018 00:35
 Operator : VA/AP
 Sample : J5097-01
 Misc : 4.94G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Quant Time: Sep 27 06:57:59 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

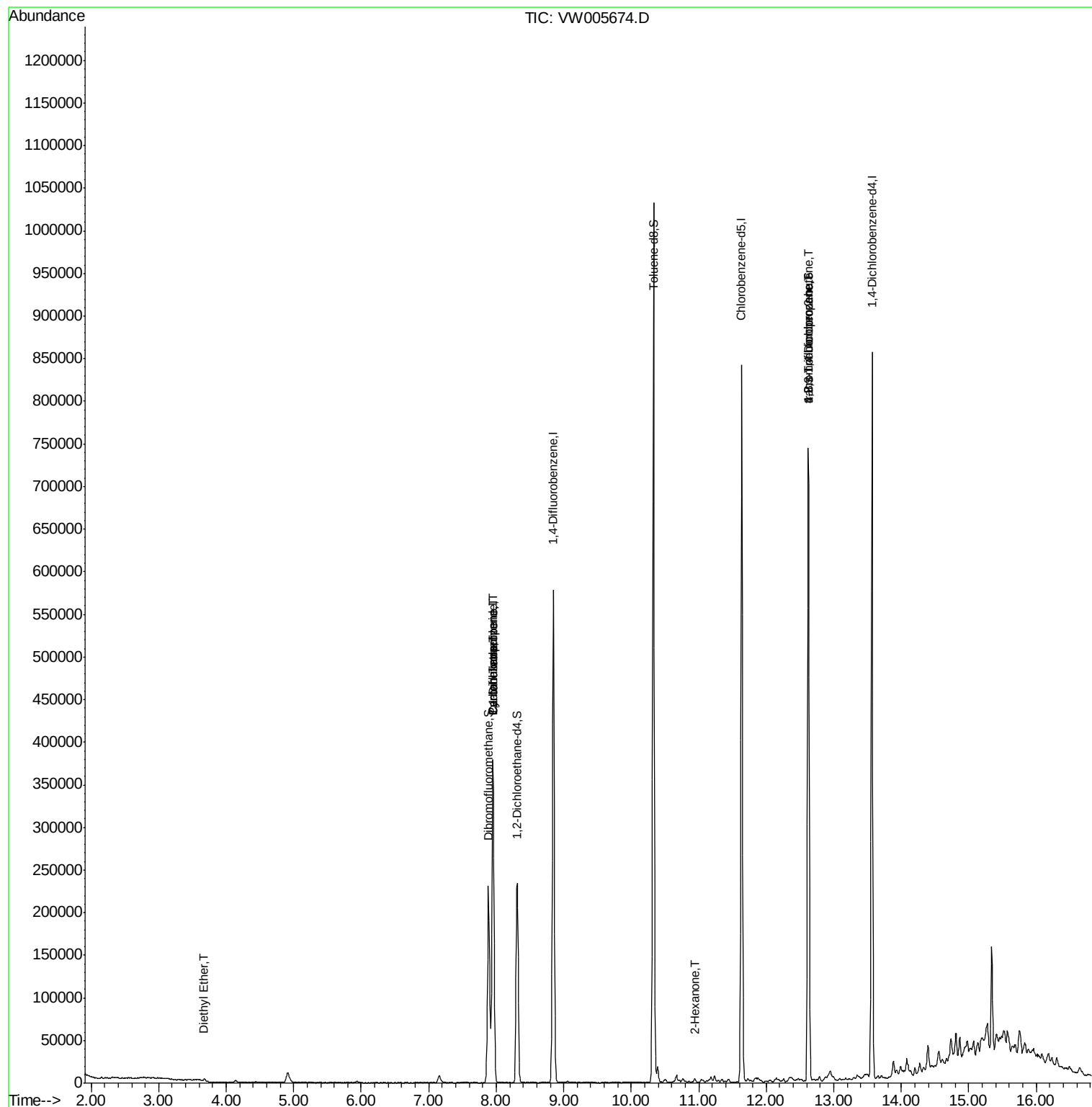
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	475630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	465369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	226401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	193874	60.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.02%	
35) Dibromofluoromethane	7.88	113	165562	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
50) Toluene-d8	10.33	98	673208	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
62) 4-Bromofluorobenzene	12.62	95	242864	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
Target Compounds						
8) Diethyl Ether	3.68	74	1980	1.471	ug/l	74
11) Tert butyl alcohol	5.21	59	83	Below Cal	#	72
13) Acrolein	3.62	56	30	Below Cal	#	1
16) Acetone	4.14	43	4219	Below Cal		92
20) Methylene Chloride	4.92	84	9809	Below Cal	#	93
31) Cyclohexane	7.95	56	6128	1.223	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21325	4.454	ug/l #	50
38) Carbon Tetrachloride	7.95	117	26358	5.137	ug/l #	16
59) 2-Hexanone	10.94	43	1843	1.360	ug/l #	27
76) 1,2,3-Trichloropropane	12.62	75	122901	63.682	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	122901	143.431	ug/l #	7

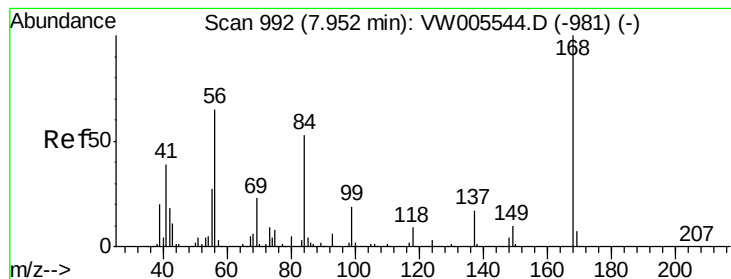
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005674.D

Acq: 27 Sep 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

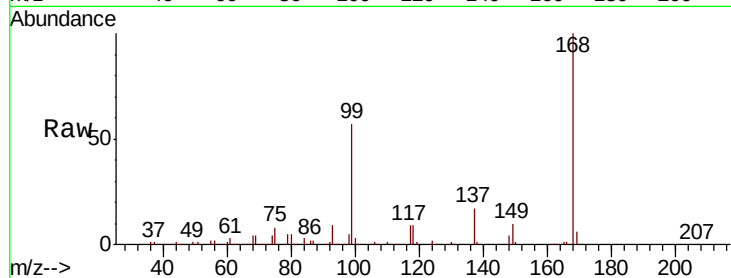
TP-1

Tgt Ion:168 Resp: 274248

Ion Ratio Lower Upper

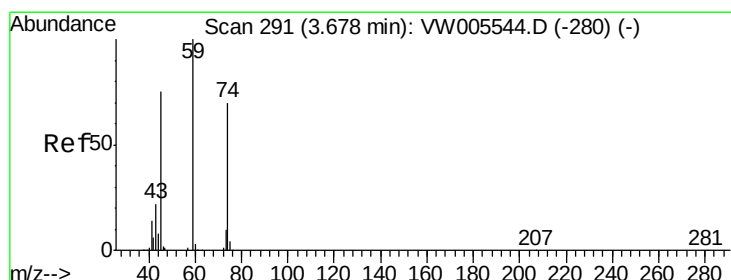
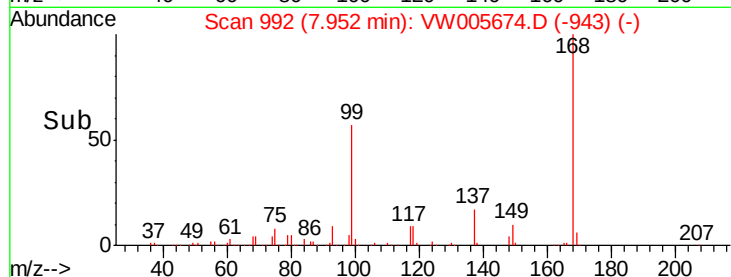
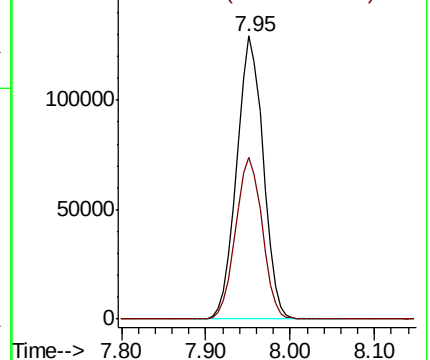
168 100

99 57.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.471 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW005674.D

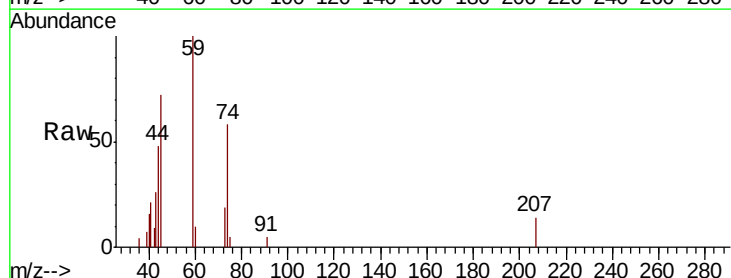
Acq: 27 Sep 2018 00:35

Tgt Ion: 74 Resp: 1980

Ion Ratio Lower Upper

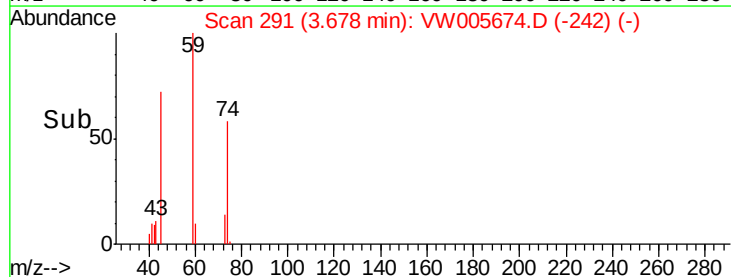
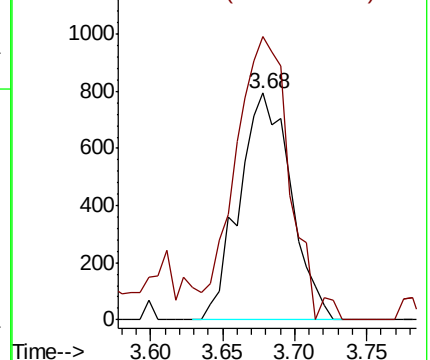
74 100

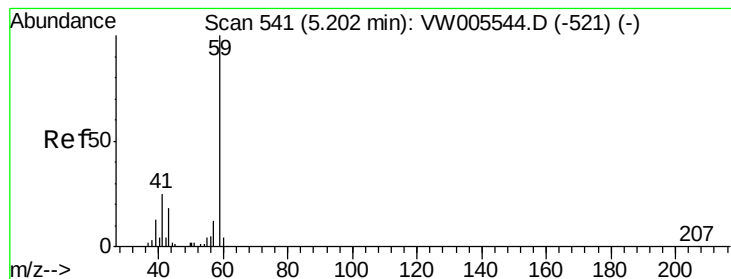
45 130.2 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



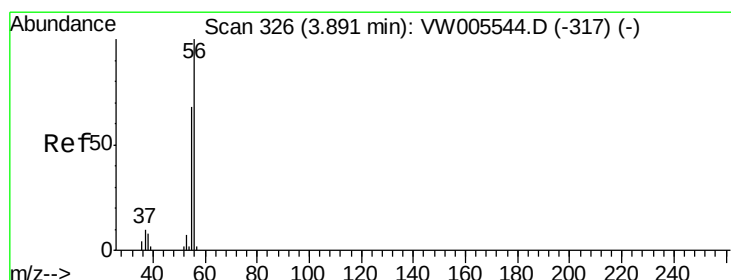
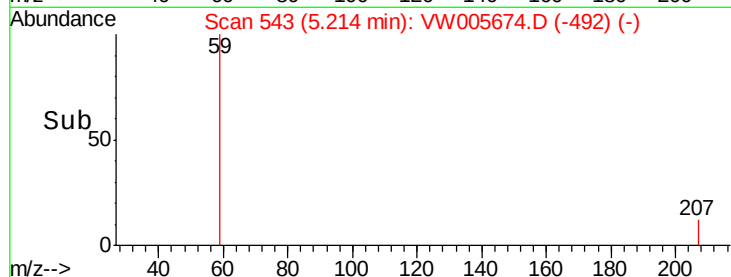
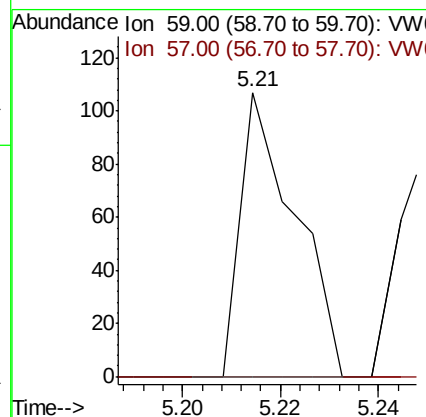
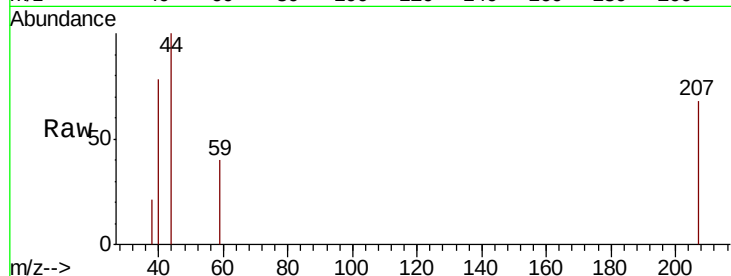


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 543
 Delta R.T. 0.01 min
 Lab File: VW005674.D
 Acq: 27 Sep 2018 00:35

Instrument :
 MSVOA_W
 ClientSampled :
 TP-1

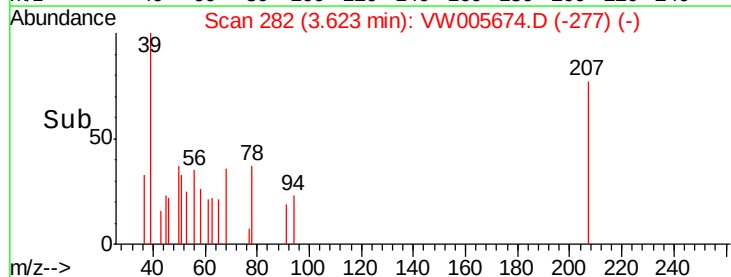
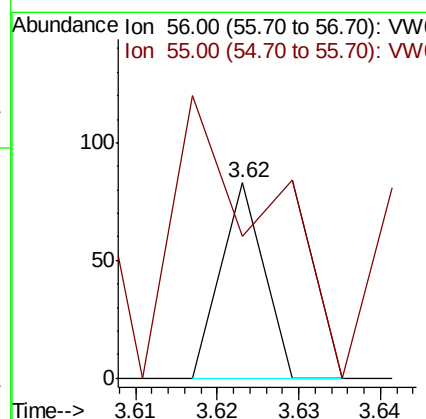
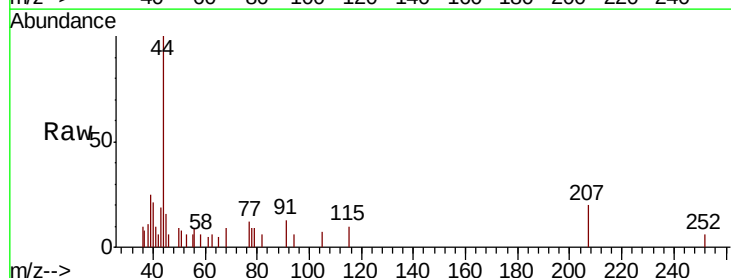
Tgt Ion: 59 Resp: 83
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

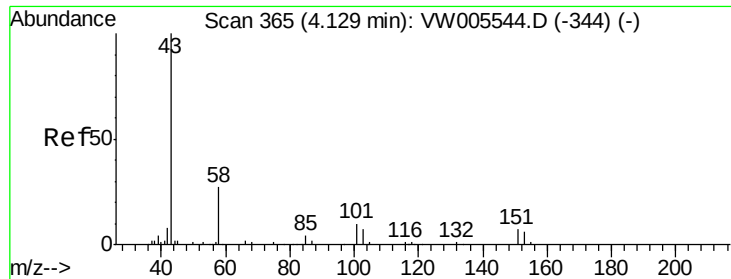


#13

Acrolein
 Concen: Below Cal
 RT: 3.62 min Scan# 282
 Delta R.T. -0.27 min
 Lab File: VW005674.D
 Acq: 27 Sep 2018 00:35

Tgt Ion: 56 Resp: 30
 Ion Ratio Lower Upper
 56 100
 55 323.3 57.8 86.8#

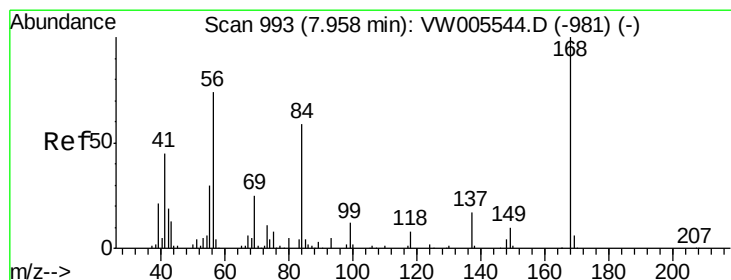
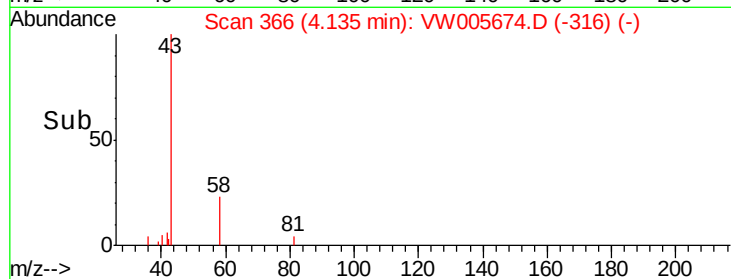
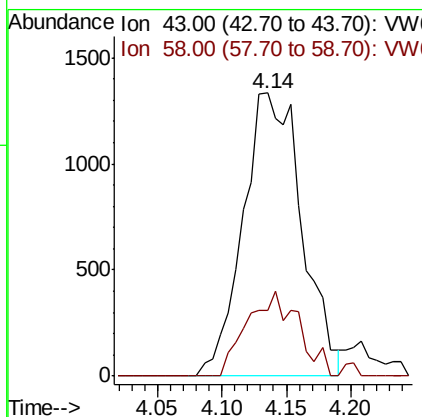
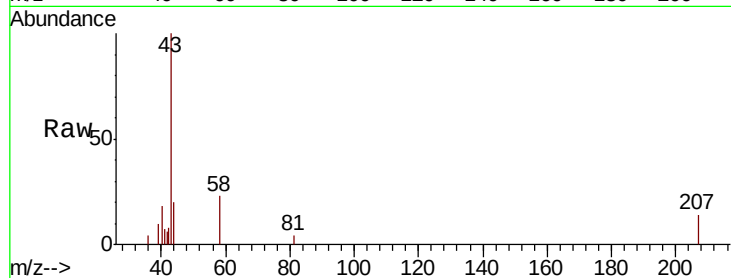




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005674.D
Acq: 27 Sep 2018 00:35

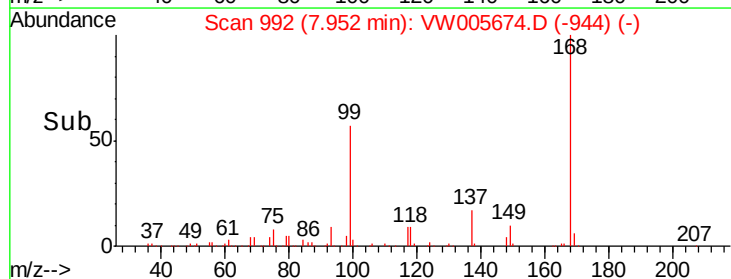
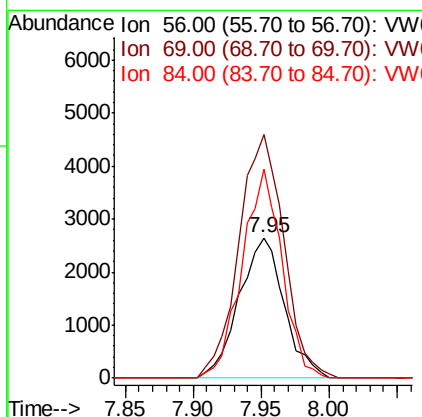
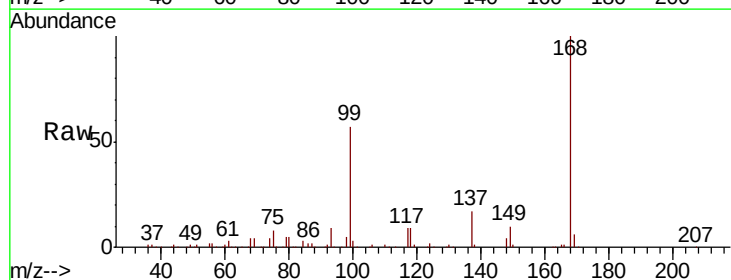
Instrument :
MSVOA_W
ClientSampled :
TP-1

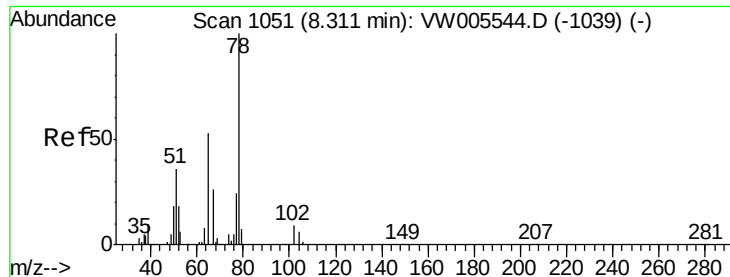
Tgt Ion: 43 Resp: 4219
Ion Ratio Lower Upper
43 100
58 23.0 21.8 32.8



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005674.D
Acq: 27 Sep 2018 00:35

Tgt Ion: 56 Resp: 6128
Ion Ratio Lower Upper
56 100
69 173.4 27.0 40.4#
84 148.8 64.2 96.4#

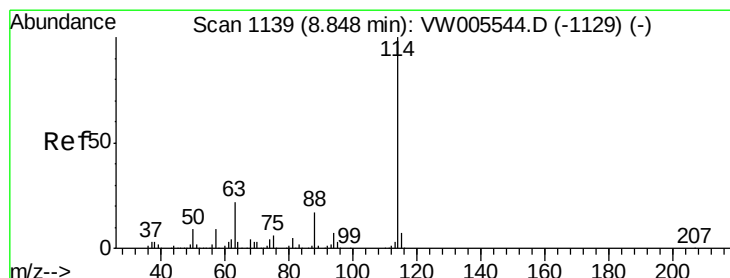
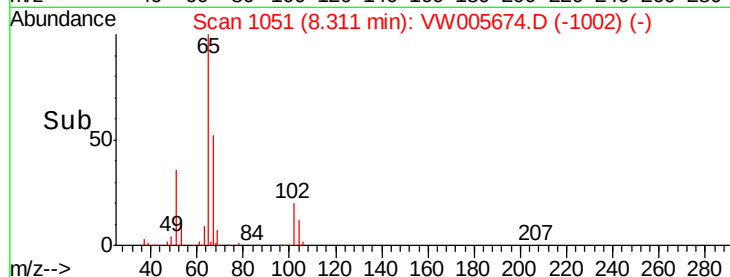
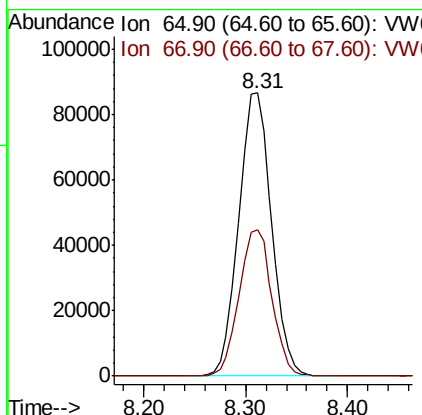
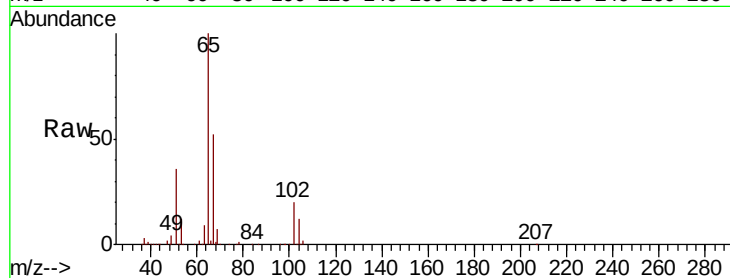




#33
 1,2-Dichloroethane-d4
 Concen: 60.007 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005674.D
 Acq: 27 Sep 2018 00:35

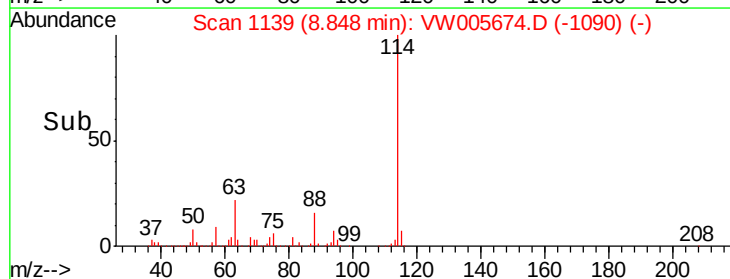
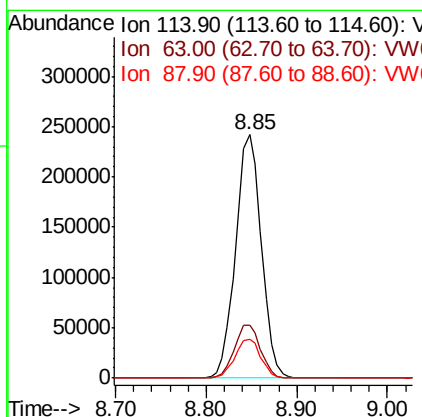
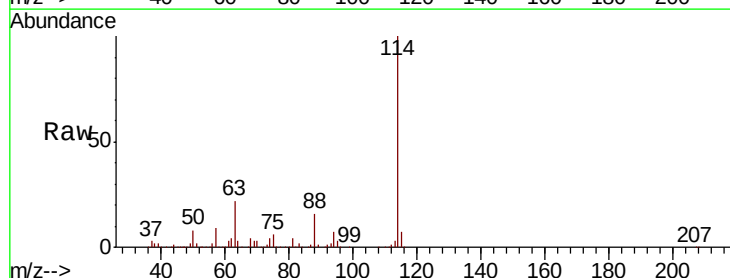
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

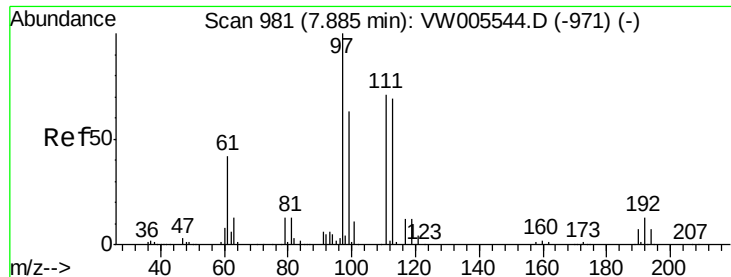
Tgt Ion: 65 Resp: 193874
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005674.D
 Acq: 27 Sep 2018 00:35

Tgt Ion: 114 Resp: 475630
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 16.0 0.0 33.0

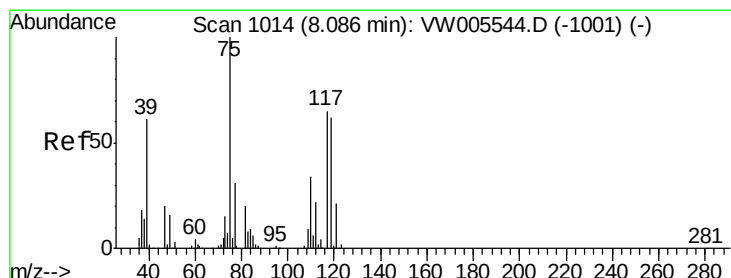
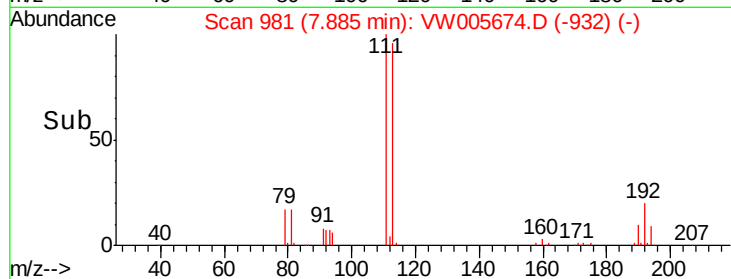
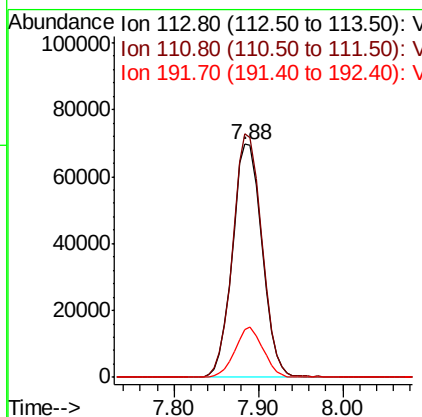
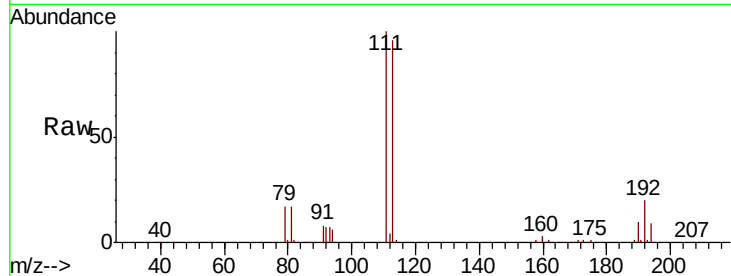




#35
 Dibromofluoromethane
 Concen: 55.352 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005674.D
 Acq: 27 Sep 2018 00:35

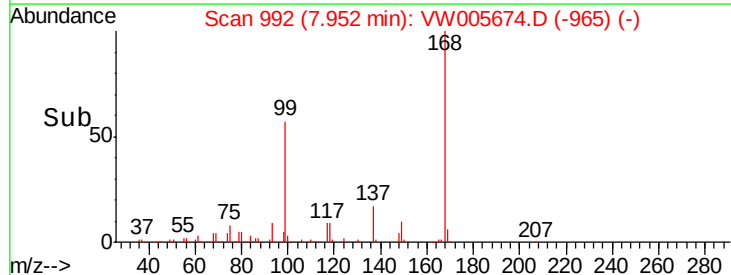
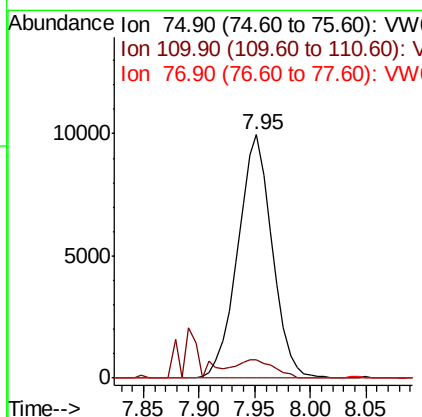
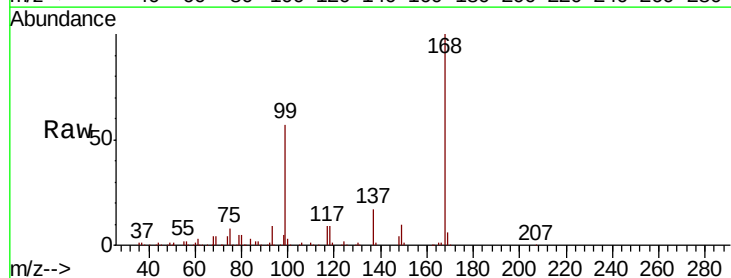
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

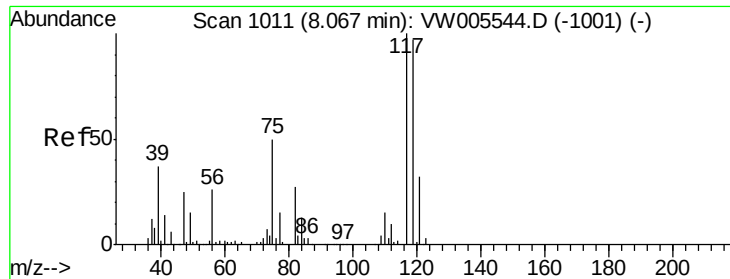
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	20.4	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.454 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005674.D
 Acq: 27 Sep 2018 00:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.0	24.8	37.2#

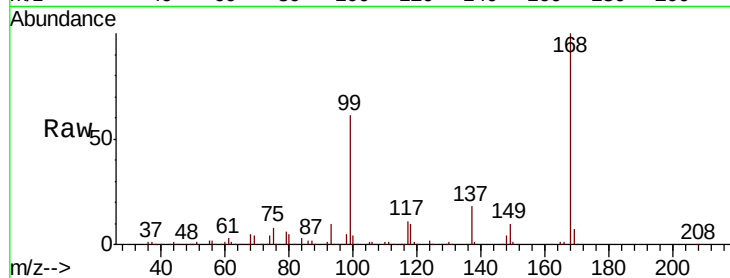




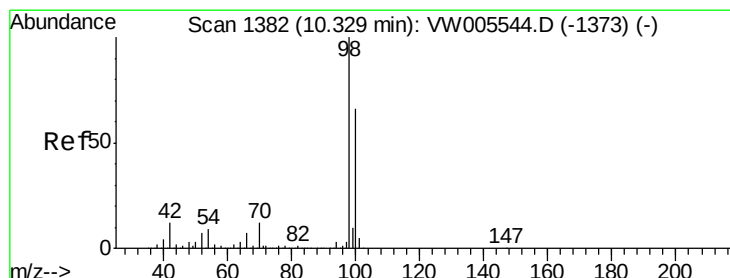
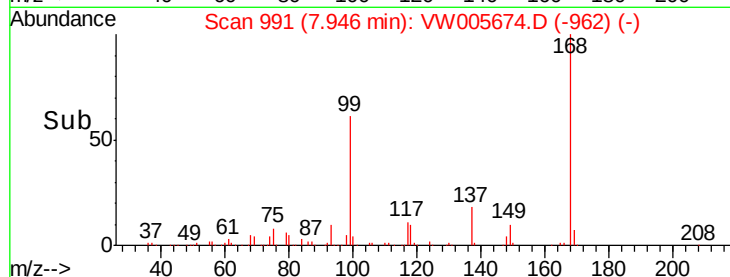
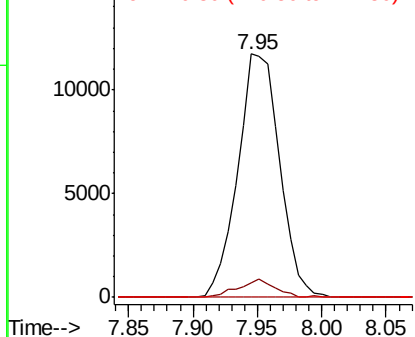
#38
Carbon Tetrachloride
Concen: 5.137 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW005674.D
Acq: 27 Sep 2018 00:35

Instrument :
MSVOA_W
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 26358
Ion Ratio Lower Upper
117 100
119 6.1 77.6 116.4#
121 0.0 25.7 38.5#

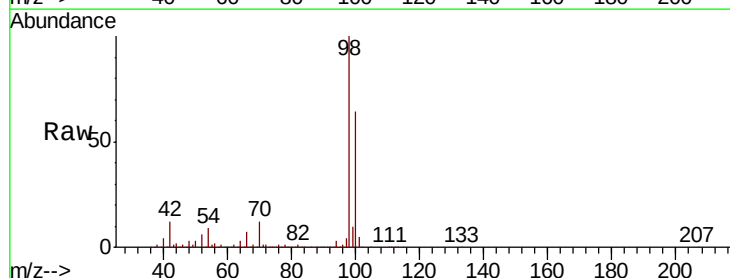


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

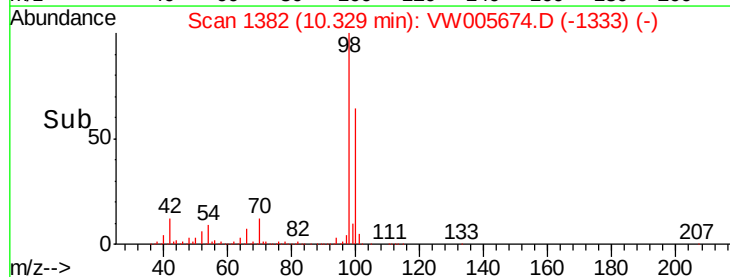
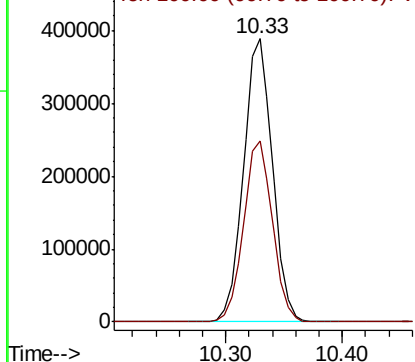


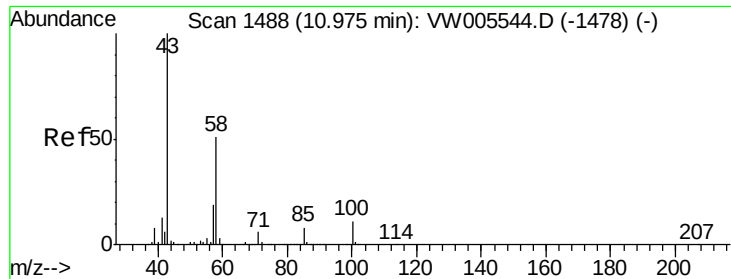
#50
Toluene-d8
Concen: 55.276 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005674.D
Acq: 27 Sep 2018 00:35

Tgt Ion: 98 Resp: 673208
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

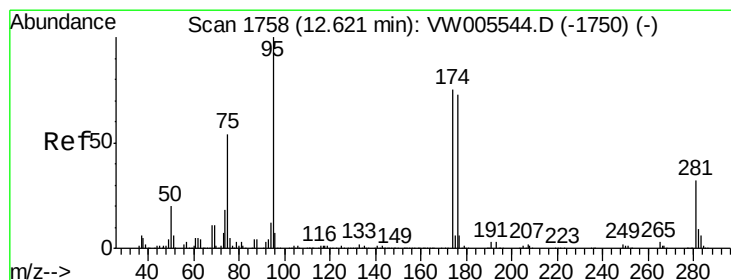
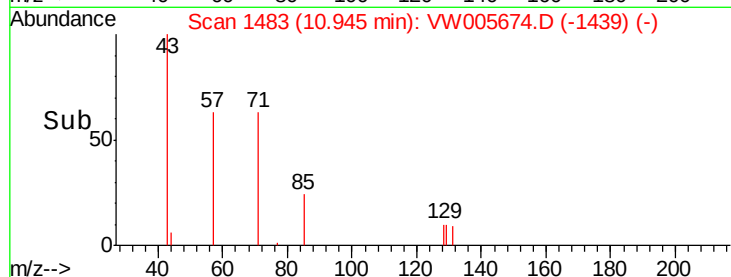
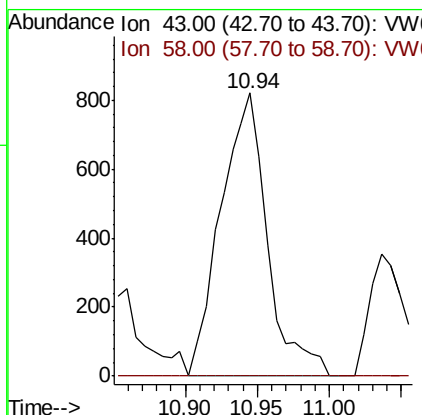
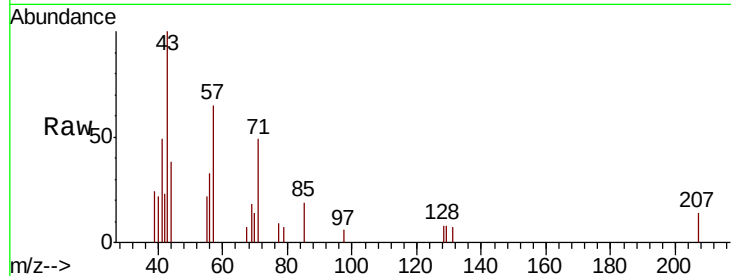




#59
2-Hexanone
Concen: 1.360 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.03 min
Lab File: VW005674.D
Acq: 27 Sep 2018 00:35

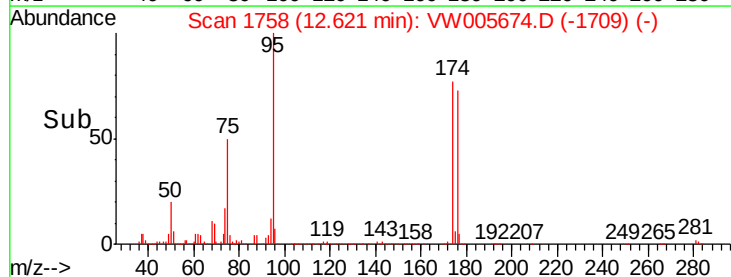
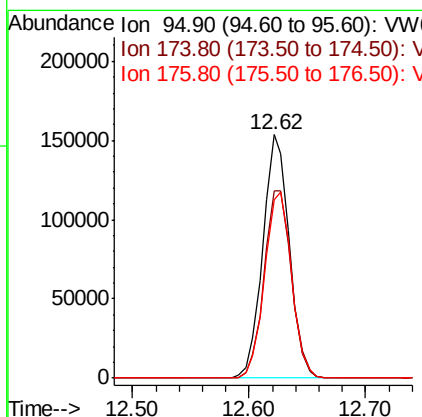
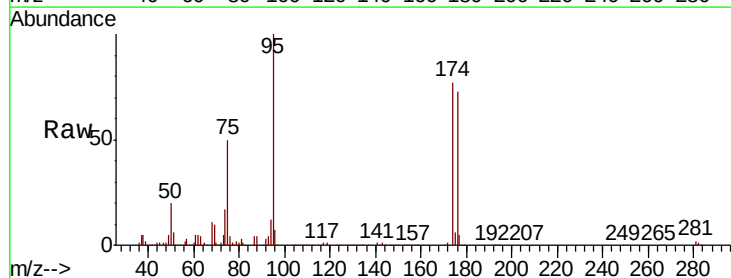
Instrument :
MSVOA_W
ClientSampled :
TP-1

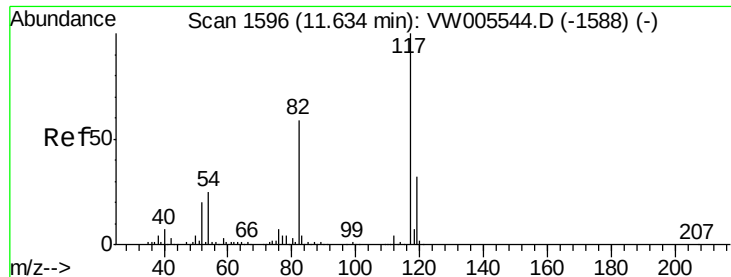
Tgt Ion: 43 Resp: 1843
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 53.892 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005674.D
Acq: 27 Sep 2018 00:35

Tgt Ion: 95 Resp: 242864
Ion Ratio Lower Upper
95 100
174 80.1 0.0 163.8
176 78.1 0.0 158.0

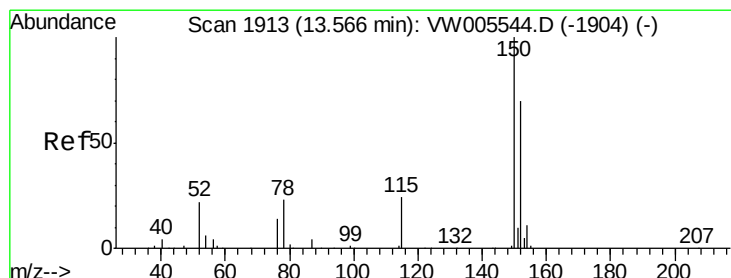
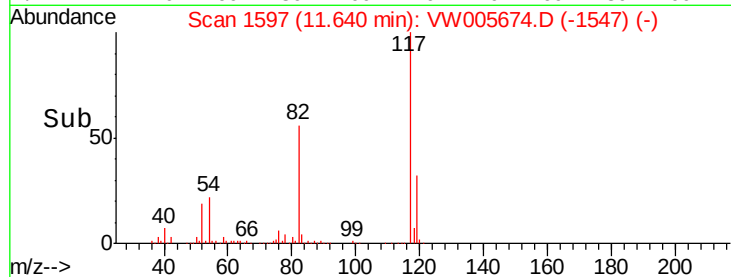
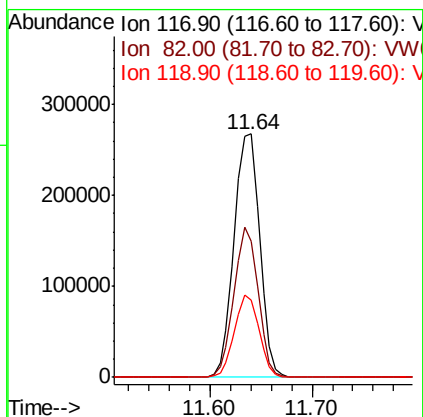
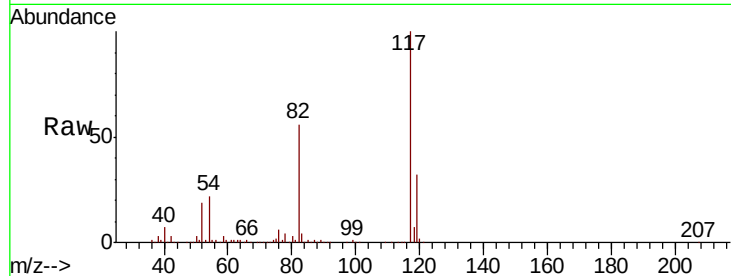




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005674.D
Acq: 27 Sep 2018 00:35

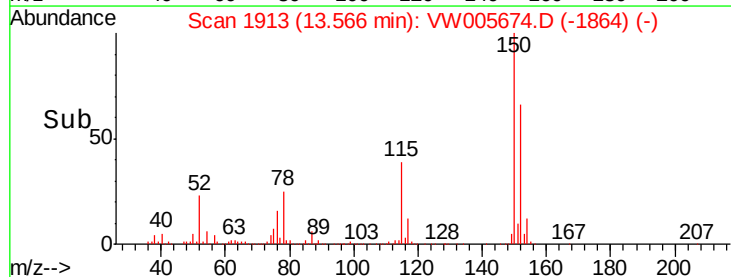
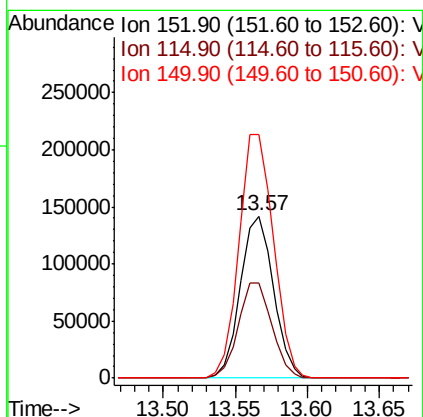
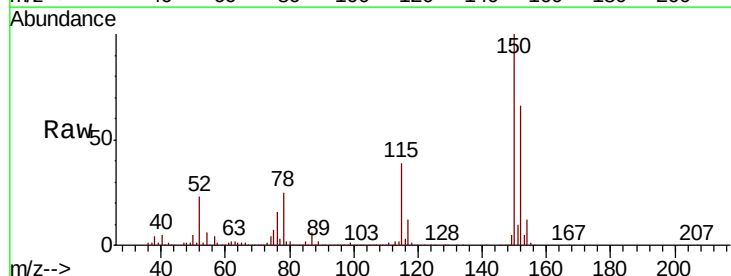
Instrument :
MSVOA_W
ClientSampleId :
TP-1

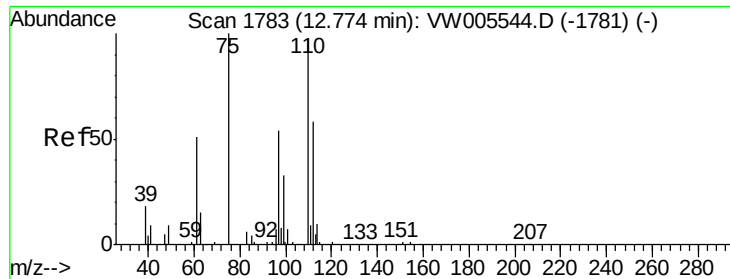
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.9	70.3
119	31.8	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005674.D
Acq: 27 Sep 2018 00:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.0	90.0
150	156.8	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 63.682 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005674.D

Acq: 27 Sep 2018 00:35

Instrument :

MSVOA_W

ClientSampleId :

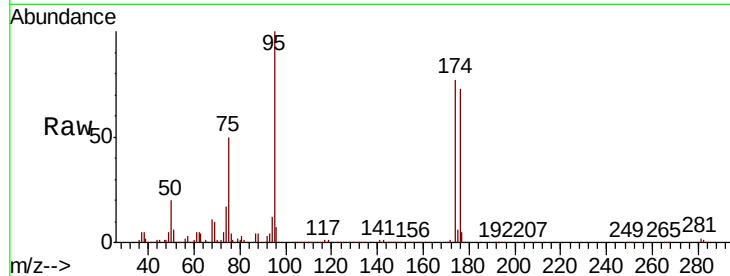
TP-1

Tgt Ion: 75 Resp: 122901

Ion Ratio Lower Upper

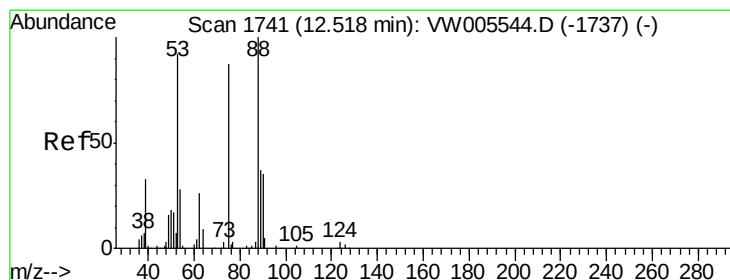
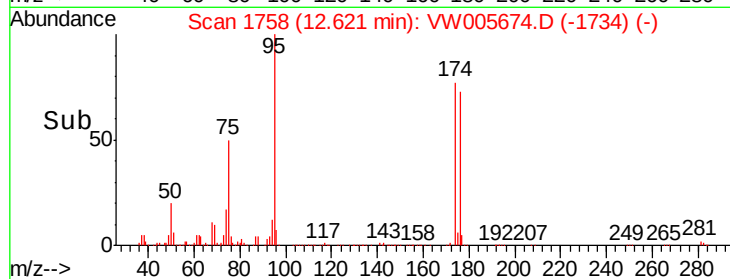
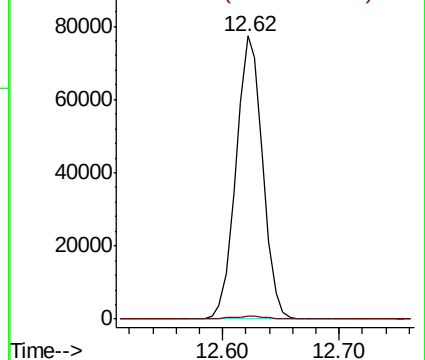
75 100

77 1.5 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: 143.431 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005674.D

Acq: 27 Sep 2018 00:35

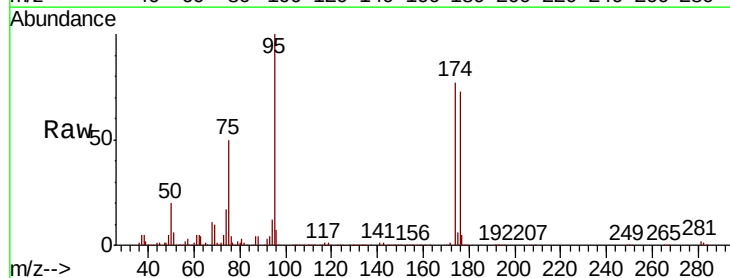
Tgt Ion: 75 Resp: 122901

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.0 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

