

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092718\
 Data File : VW005698.D
 Acq On : 27 Sep 2018 14:26
 Operator : VA/AP
 Sample : J5081-03RE
 Misc : 5.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-SRE

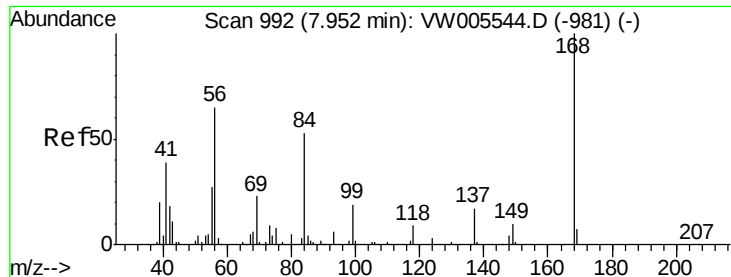
Quant Time: Sep 28 01:21:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	162129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	269501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	220388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	81939	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	123866	64.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.70%	
35) Dibromofluoromethane	7.89	113	99222	58.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.10%	
50) Toluene-d8	10.33	98	333521	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.63	95	88858	34.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.60%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.22	85	27	Below Cal	# 41
11) Tert butyl alcohol	5.21	59	107	Below Cal	# 72
16) Acetone	4.13	43	7476	16.068	ug/l 97
20) Methylene Chloride	4.92	84	9803	2.010	ug/l 93
25) 2-Butanone	7.15	43	854	1.841	ug/l 98
31) Cyclohexane	7.95	56	3372	1.139	ug/l # 1
36) 1,1-Dichloropropene	7.95	75	12981	4.785	ug/l # 50
38) Carbon Tetrachloride	7.96	117	16715	5.750	ug/l # 15
51) 4-Methyl-2-Pentanone	10.34	43	1557	1.377	ug/l # 1
76) 1,2,3-Trichloropropane	12.62	75	46608	66.728	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.62	75	46608	150.292	ug/l # 7

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005698.D

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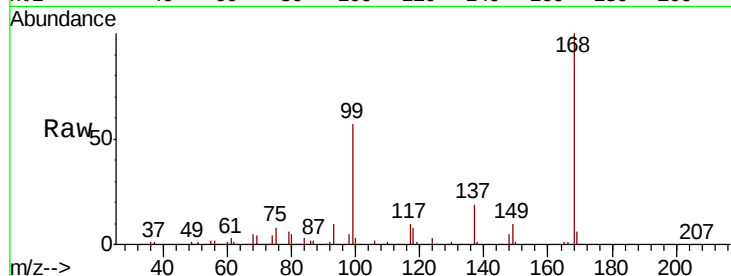
TP-1-SRE

Tgt Ion:168 Resp: 162129

Ion Ratio Lower Upper

168 100

99 57.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

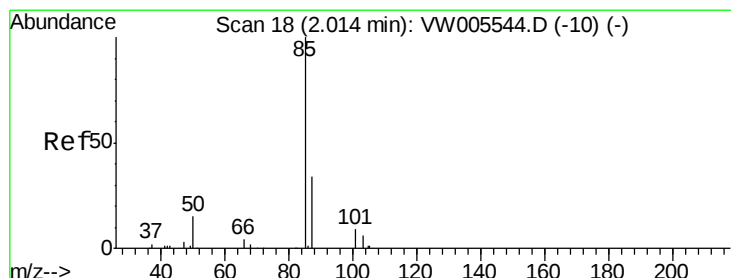
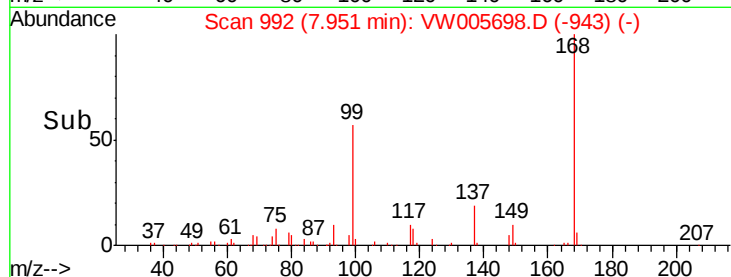
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.22 min Scan# 52

Delta R.T. 0.21 min

Lab File: VW005698.D

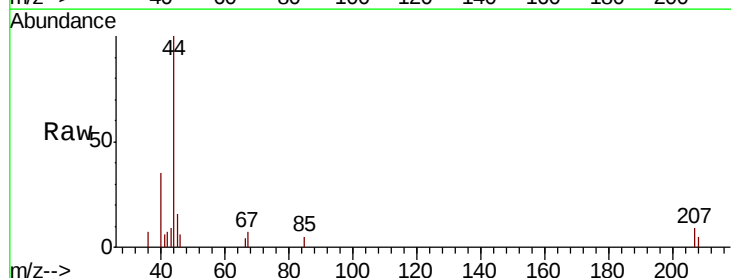
Acq: 27 Sep 2018 14:26

Tgt Ion: 85 Resp: 27

Ion Ratio Lower Upper

85 100

87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.22

80

60

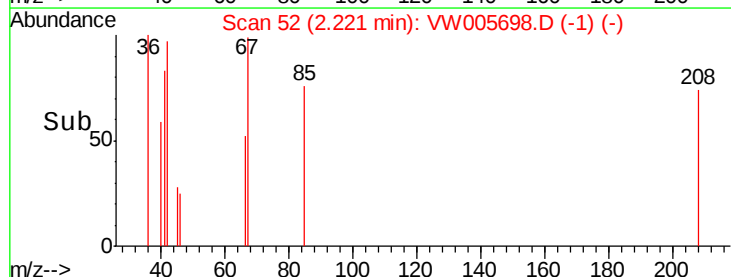
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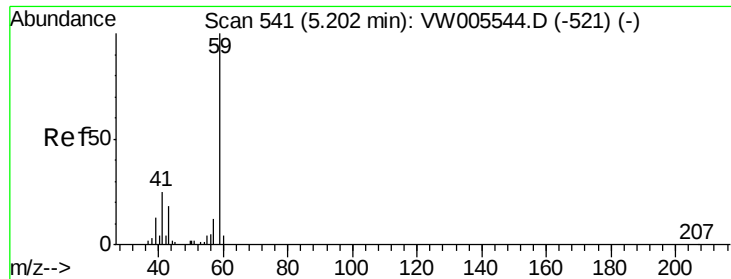
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0

2.20 2.21 2.22 2.23 2.24

Time-->

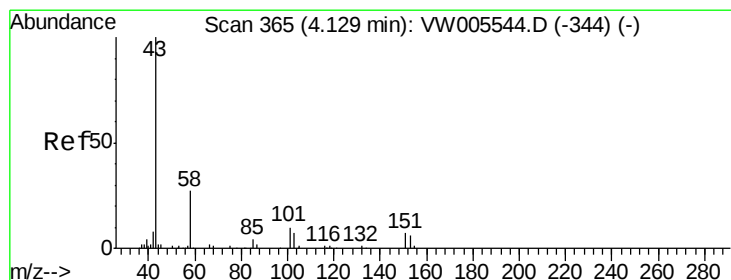
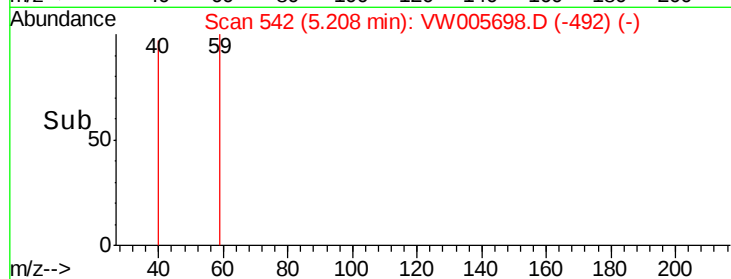
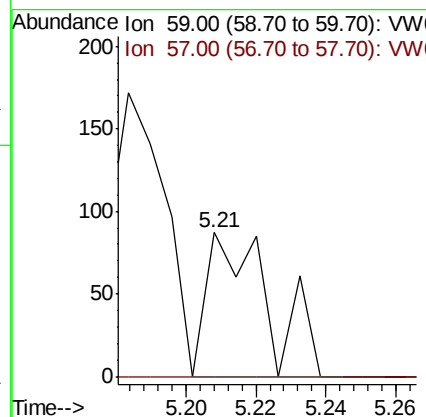
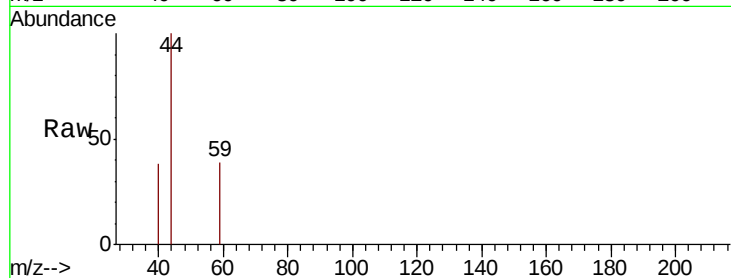




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 542
Delta R.T. 0.01 min
Lab File: VW005698.D
Acq: 27 Sep 2018 14:26

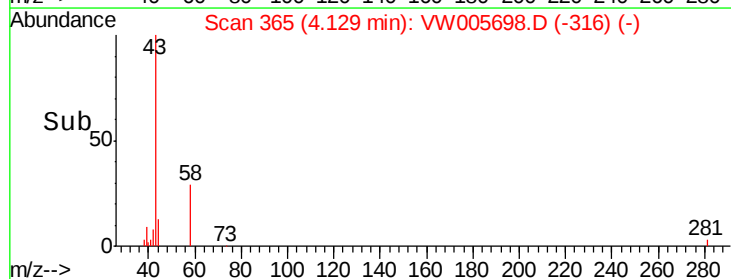
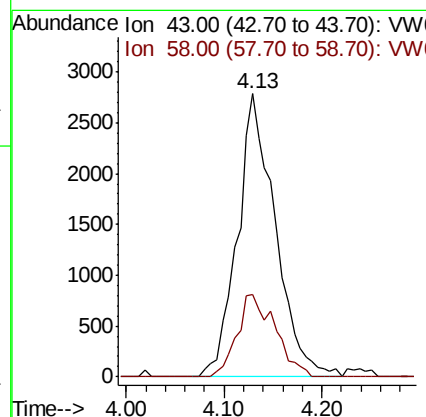
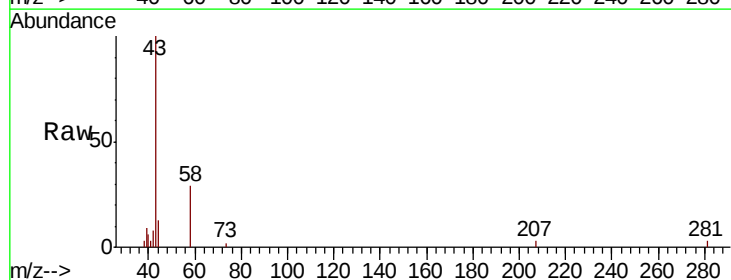
Instrument :
MSVOA_W
ClientSampleId :
TP-1-SRE

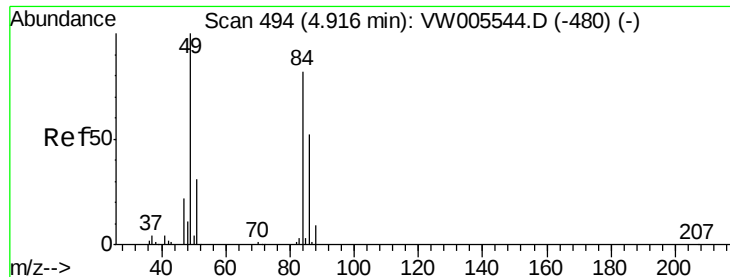
Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 16.068 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW005698.D
Acq: 27 Sep 2018 14:26

Tgt Ion: 43 Resp: 7476
Ion Ratio Lower Upper
43 100
58 28.9 21.8 32.8

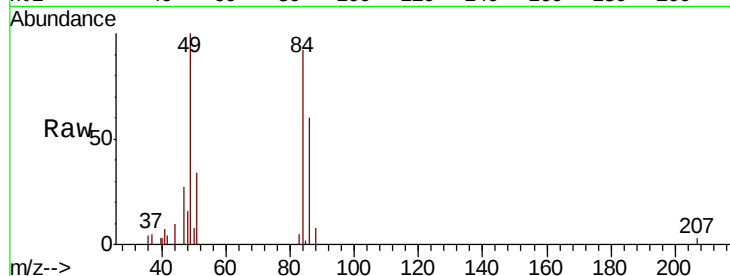




#20
Methylene Chloride
Concen: 2.010 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005698.D
Acq: 27 Sep 2018 14:26

Instrument :
MSVOA_W
ClientSampleId :
TP-1-SRE

Tgt Ion: 84 Resp: 9803
Ion Ratio Lower Upper
84 100
49 109.2 97.0 145.6
51 37.3 30.2 45.2
86 65.8 50.2 75.4



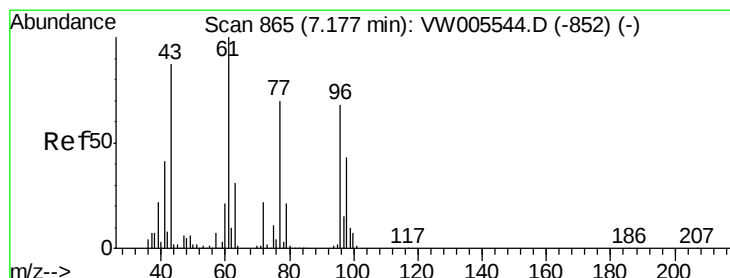
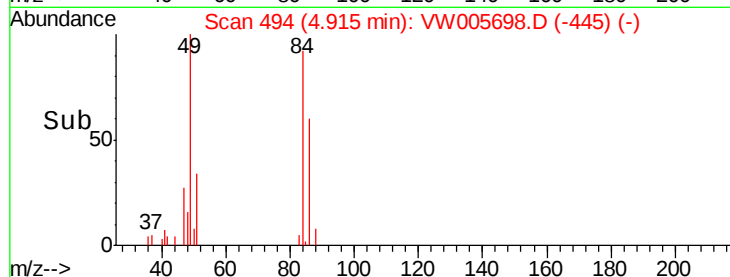
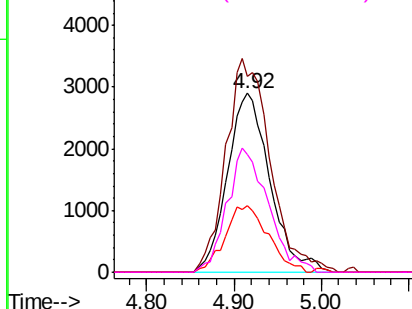
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

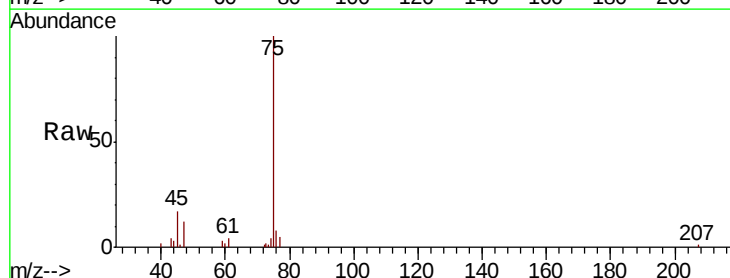
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 1.841 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005698.D
Acq: 27 Sep 2018 14:26

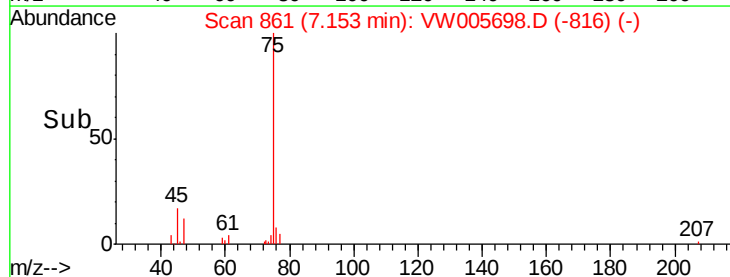
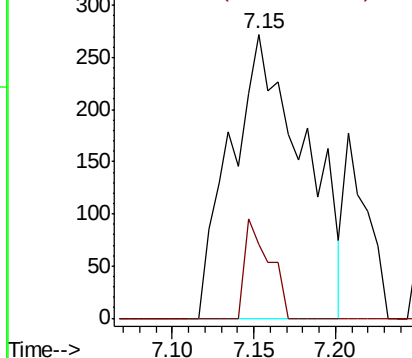
Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
72 26.1 19.9 29.9

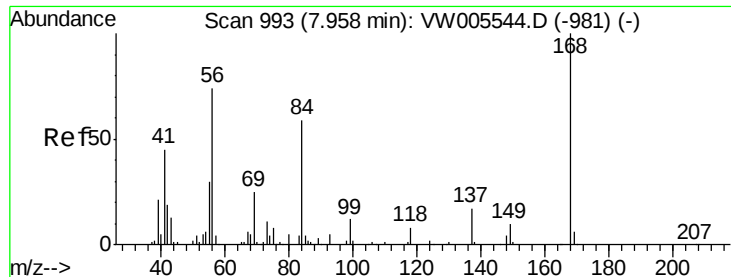


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

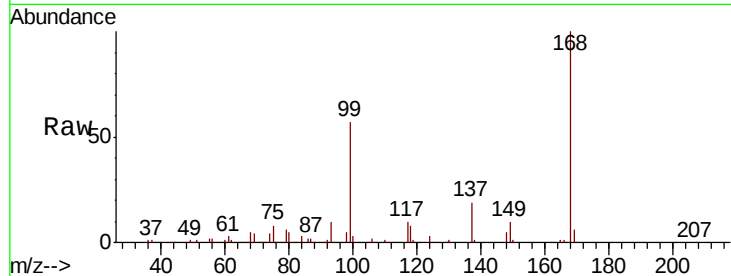




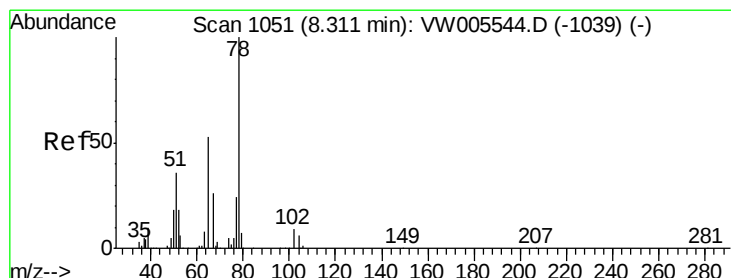
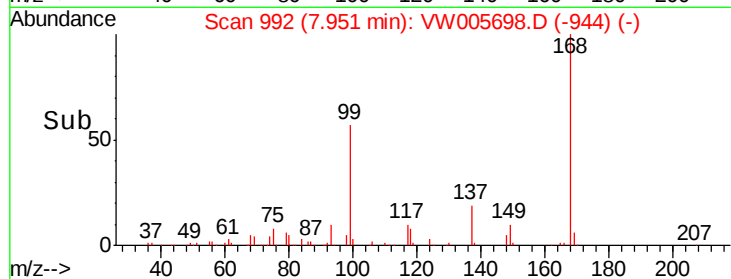
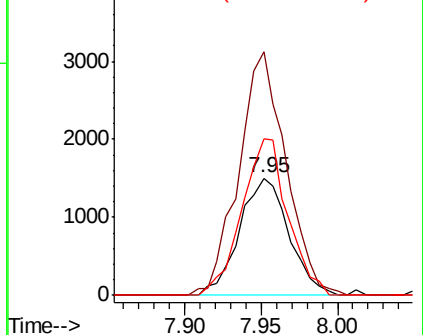
#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005698.D
Acq: 27 Sep 2018 14:26

Instrument :
MSVOA_W
ClientSampleId :
TP-1-SRE

Tgt Ion: 56 Resp: 3372
Ion Ratio Lower Upper
56 100
69 208.3 27.0 40.4#
84 134.4 64.2 96.4#

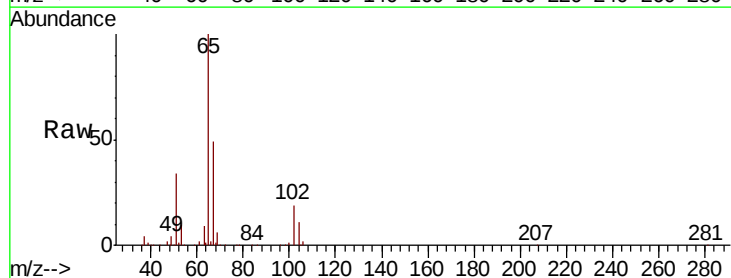


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

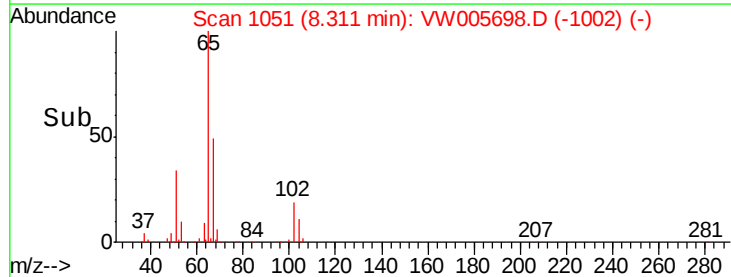
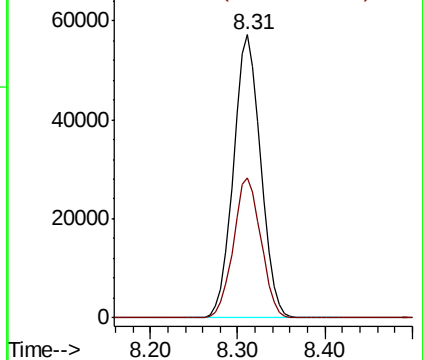


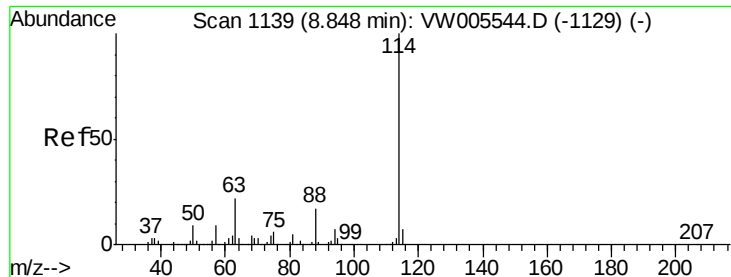
#33
1,2-Dichloroethane-d4
Concen: 64.851 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005698.D
Acq: 27 Sep 2018 14:26

Tgt Ion: 65 Resp: 123866
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.6



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

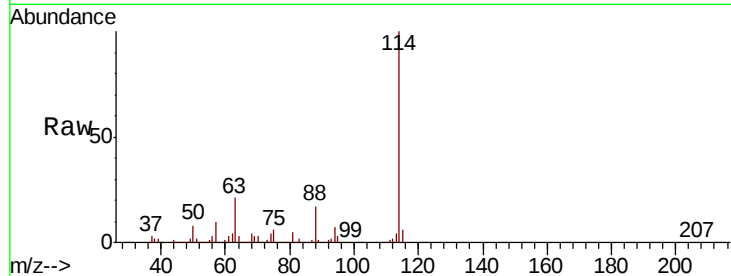




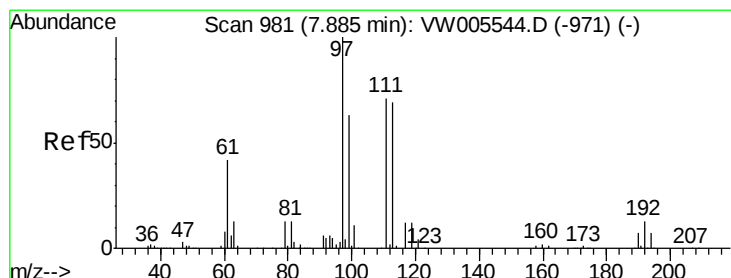
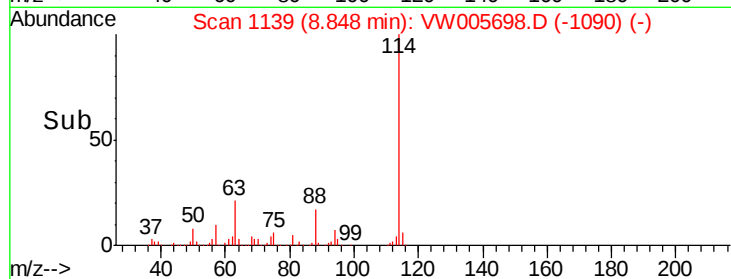
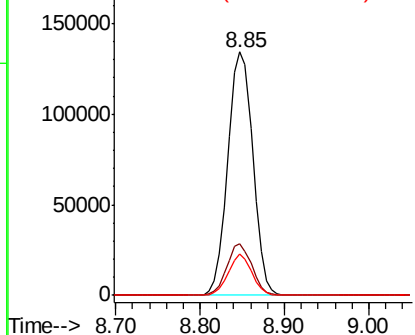
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005698.D
 Acq: 27 Sep 2018 14:26

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-SRE

Tgt Ion:114 Resp: 269501
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 17.0 0.0 33.0

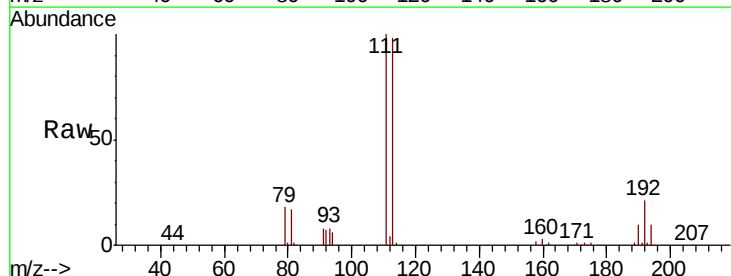


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

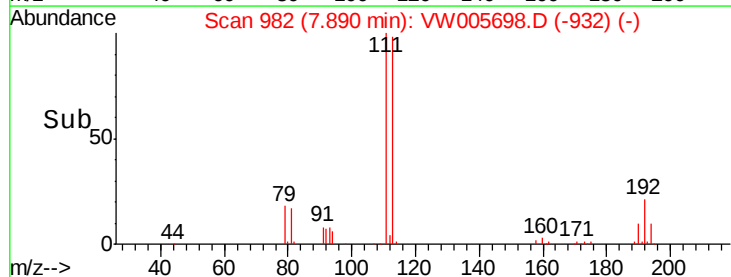
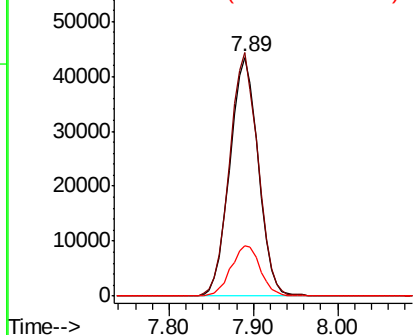


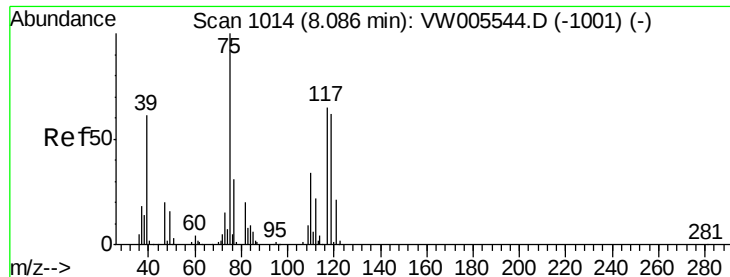
#35
 Dibromofluoromethane
 Concen: 58.545 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005698.D
 Acq: 27 Sep 2018 14:26

Tgt Ion:113 Resp: 99222
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 123.8
 192 21.5 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

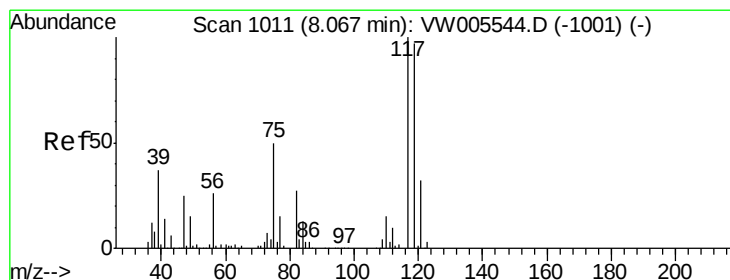
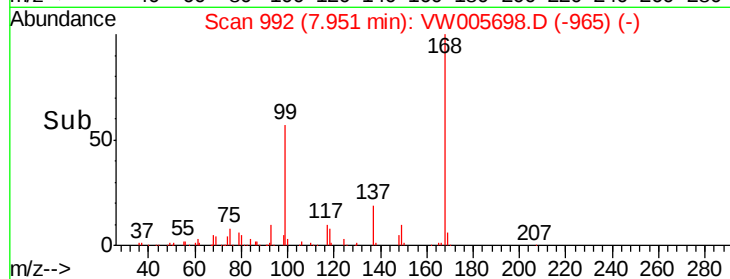
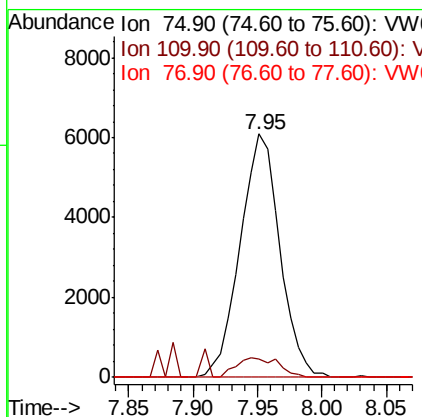
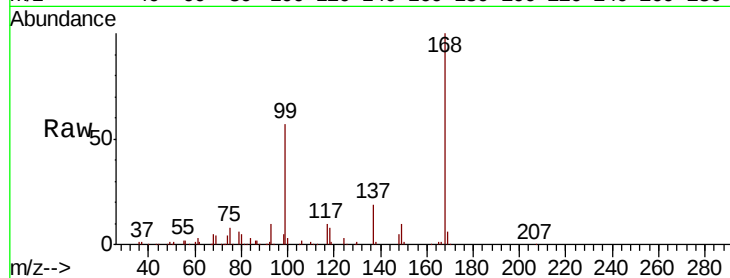




#36
 1,1-Dichloropropene
 Concen: 4.785 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005698.D
 Acq: 27 Sep 2018 14:26

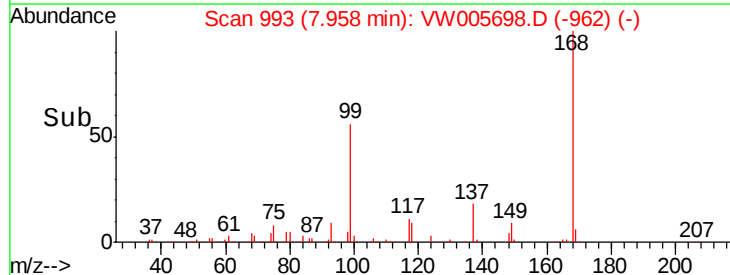
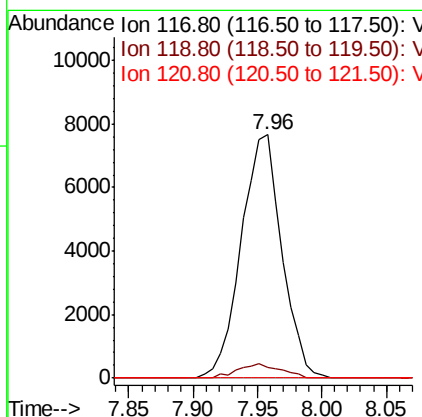
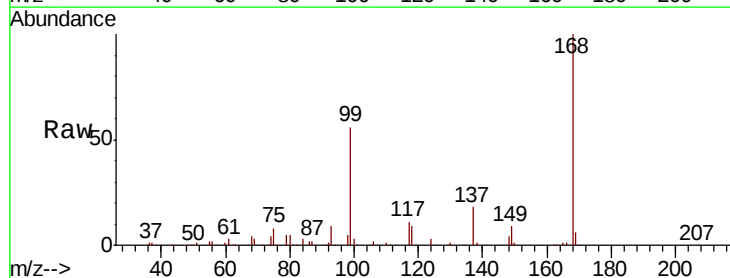
Instrument :
 MSVOA_W
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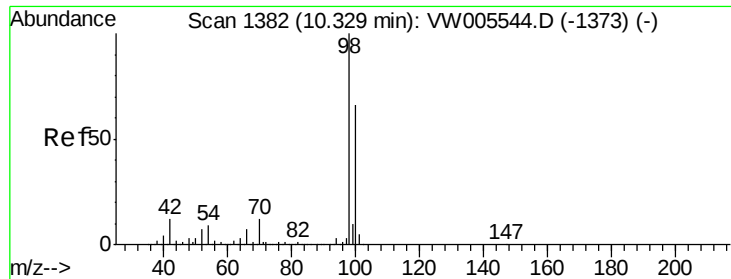
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.0	50.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.750 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.11 min
 Lab File: VW005698.D
 Acq: 27 Sep 2018 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.6	116.4#
121	0.0	25.7	38.5#





#50

Toluene-d8

Concen: 48.331 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005698.D

Acq: 27 Sep 2018 14:26

Instrument :

MSVOA_W

ClientSampleId :

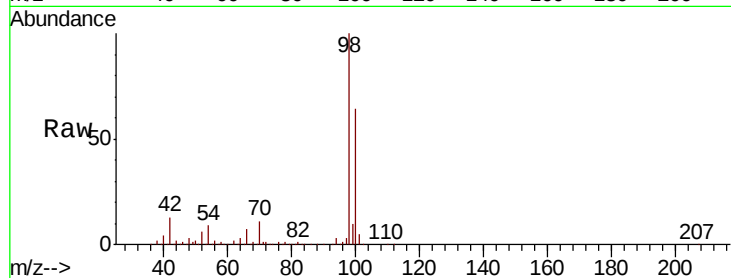
TP-1-SRE

Tgt Ion: 98 Resp: 333521

Ion Ratio Lower Upper

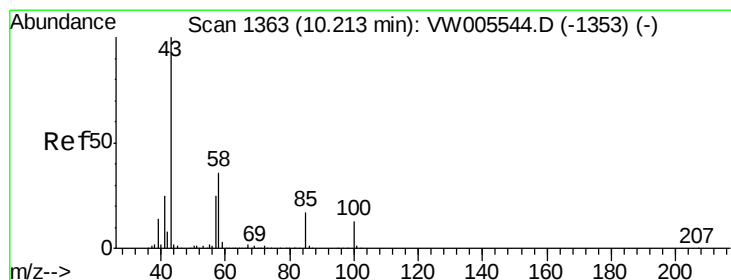
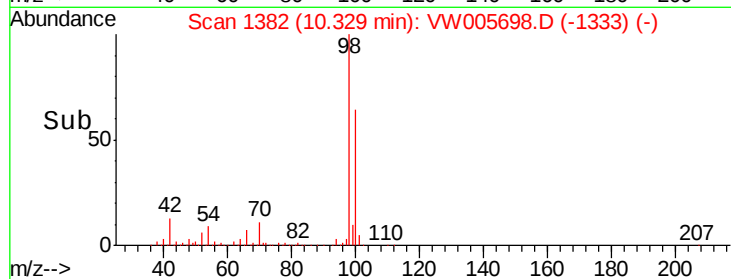
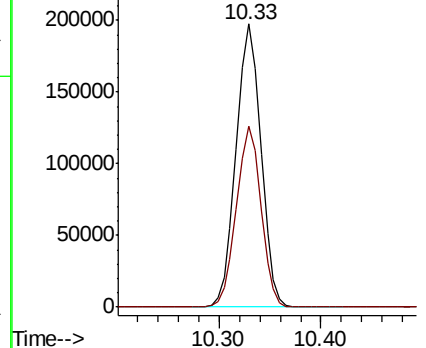
98 100

100 63.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.377 ug/l

RT: 10.34 min Scan# 1383

Delta R.T. 0.12 min

Lab File: VW005698.D

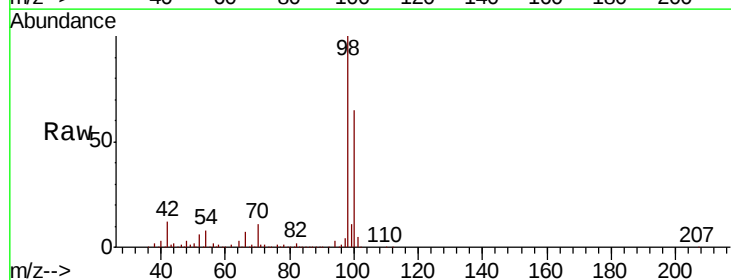
Acq: 27 Sep 2018 14:26

Tgt Ion: 43 Resp: 1557

Ion Ratio Lower Upper

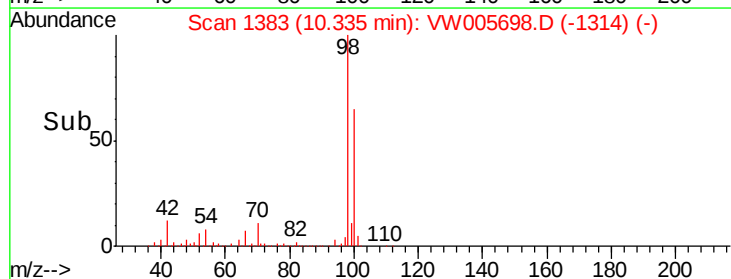
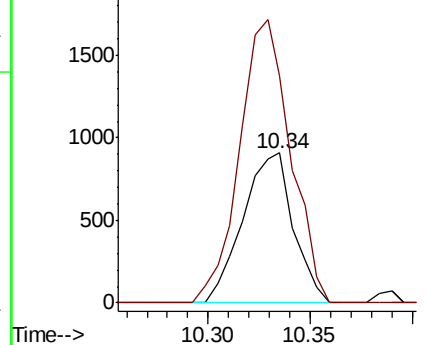
43 100

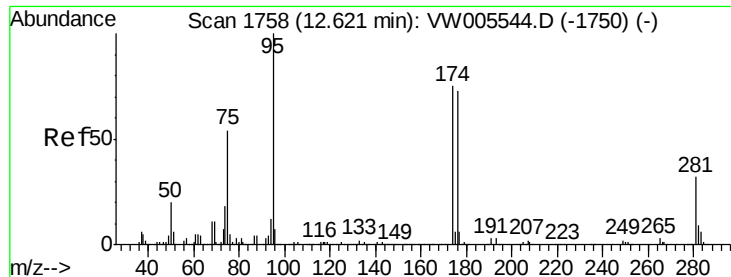
58 191.5 30.0 45.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 34.799 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005698.D

Acq: 27 Sep 2018 14:26

Instrument :

MSVOA_W

ClientSampleId :

TP-1-SRE

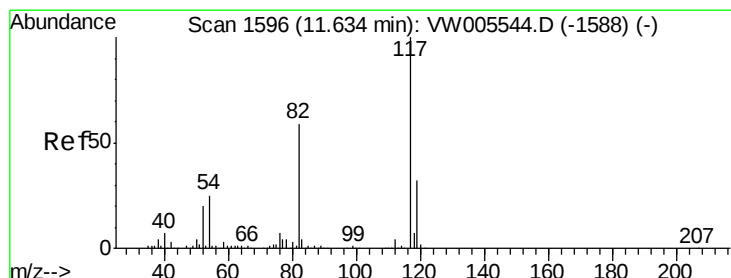
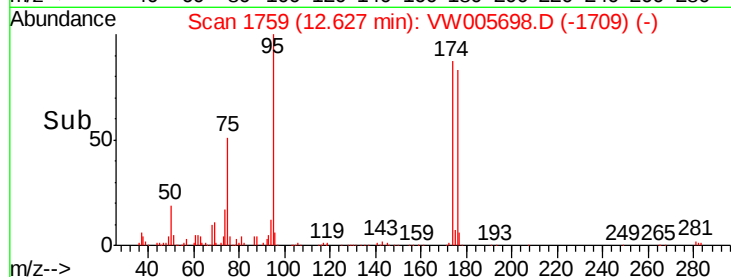
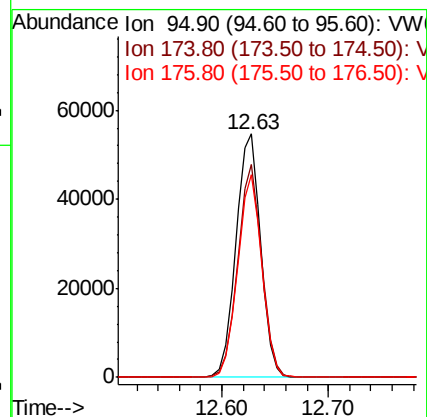
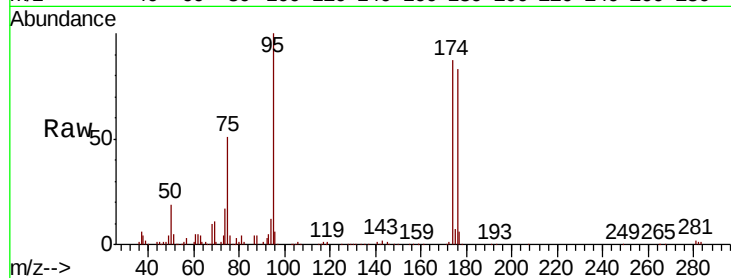
Tgt Ion: 95 Resp: 88858

Ion Ratio Lower Upper

95 100

174 85.2 0.0 163.8

176 81.5 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: VW005698.D

Acq: 27 Sep 2018 14:26

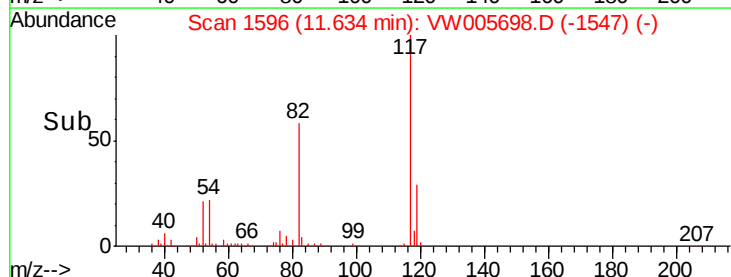
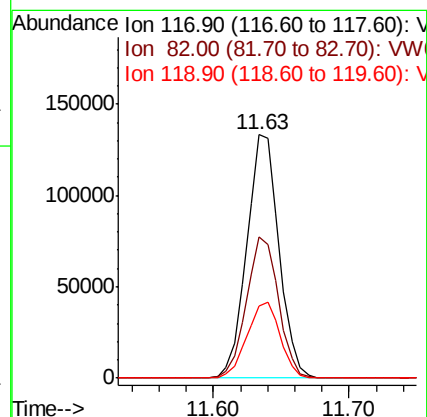
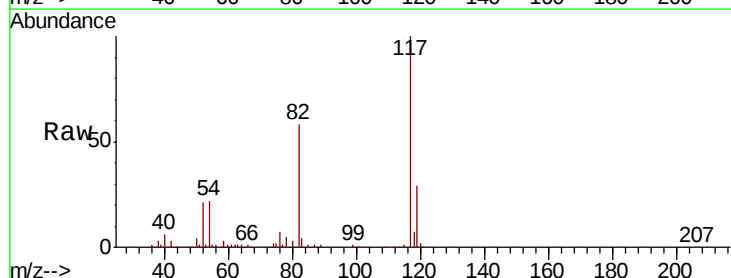
Tgt Ion: 117 Resp: 220388

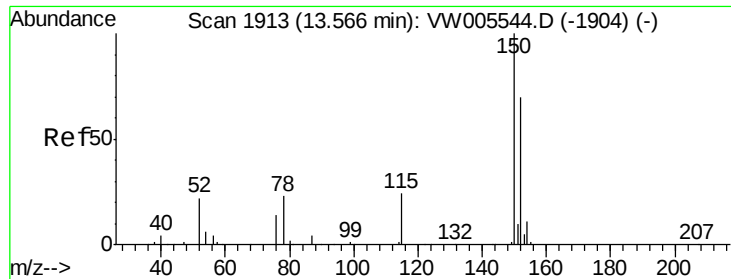
Ion Ratio Lower Upper

117 100

82 58.0 46.9 70.3

119 29.5 25.7 38.5



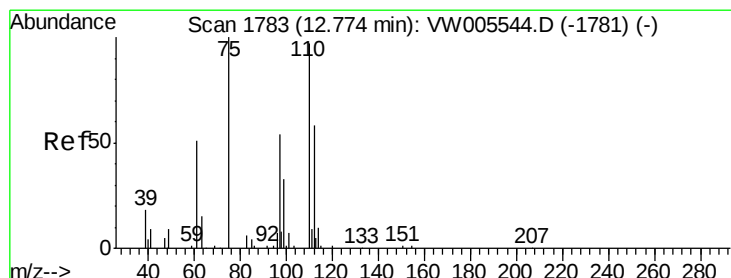
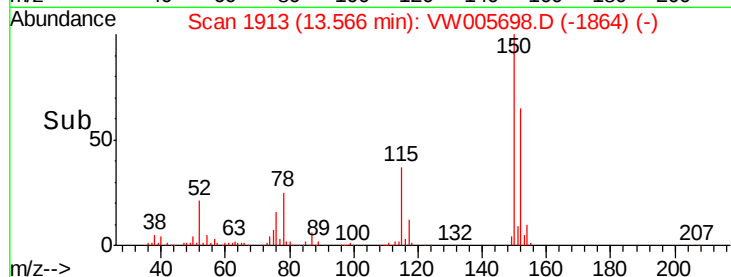
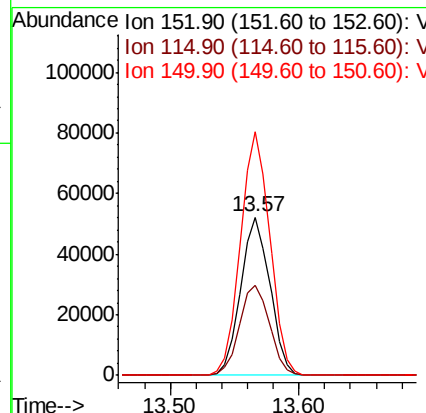
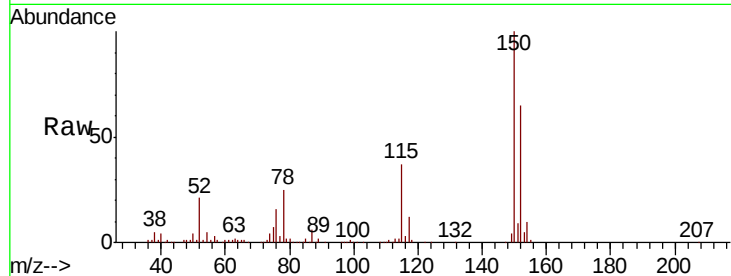


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005698.D
Acq: 27 Sep 2018 14:26

Instrument :
MSVOA_W
ClientSampleId :
TP-1-SRE

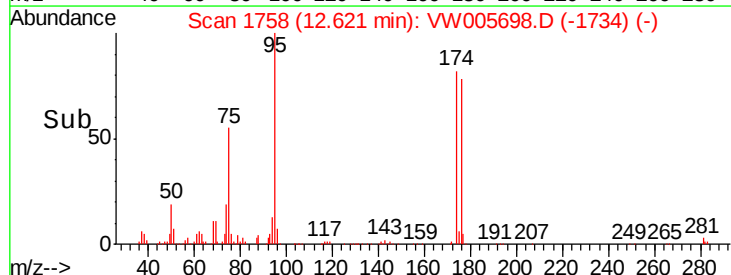
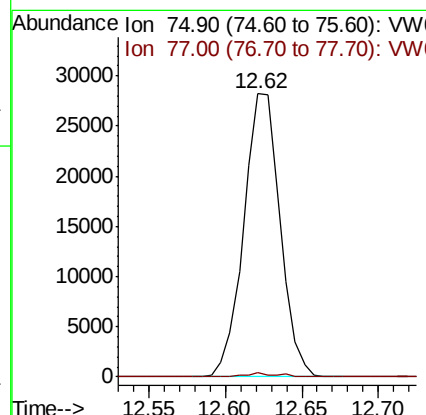
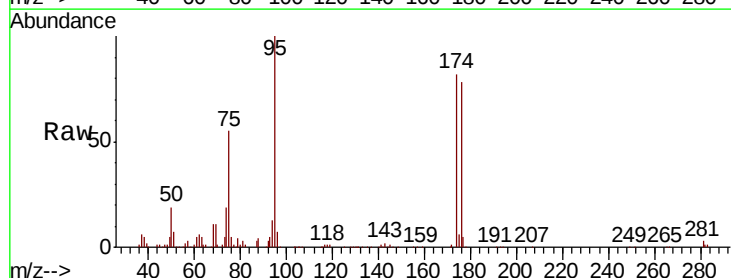
Tgt Ion:152 Resp: 81939
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 154.8 0.0 348.6

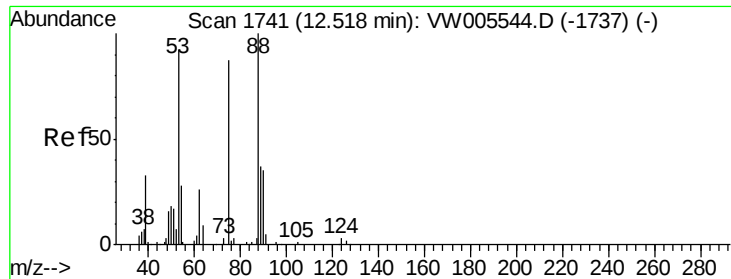


#76

1,2,3-Trichloropropane
Concen: 66.728 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005698.D
Acq: 27 Sep 2018 14:26

Tgt Ion: 75 Resp: 46608
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 150.292 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005698.D

Acq: 27 Sep 2018 14:26

Instrument :

MSVOA_W

ClientSampleId :

TP-1-SRE

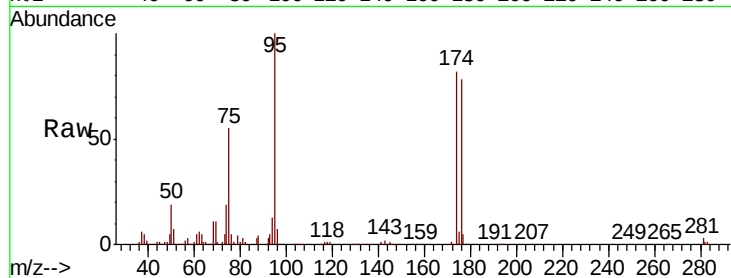
Tgt Ion: 75 Resp: 46608

Ion Ratio Lower Upper

75 100

53 0.1 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

