

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004210.D
 Acq On : 25 Jul 2018 23:21
 Operator : SY/AP
 Sample : J4124-03
 Misc : 5.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11-S

Quant Time: Jul 26 05:13:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	97208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	90848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	34537	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41832	58.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.88%	
35) Dibromofluoromethane	7.88	113	35905	57.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.14%	
50) Toluene-d8	10.33	98	116137	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.62	95	31716	36.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.68%	

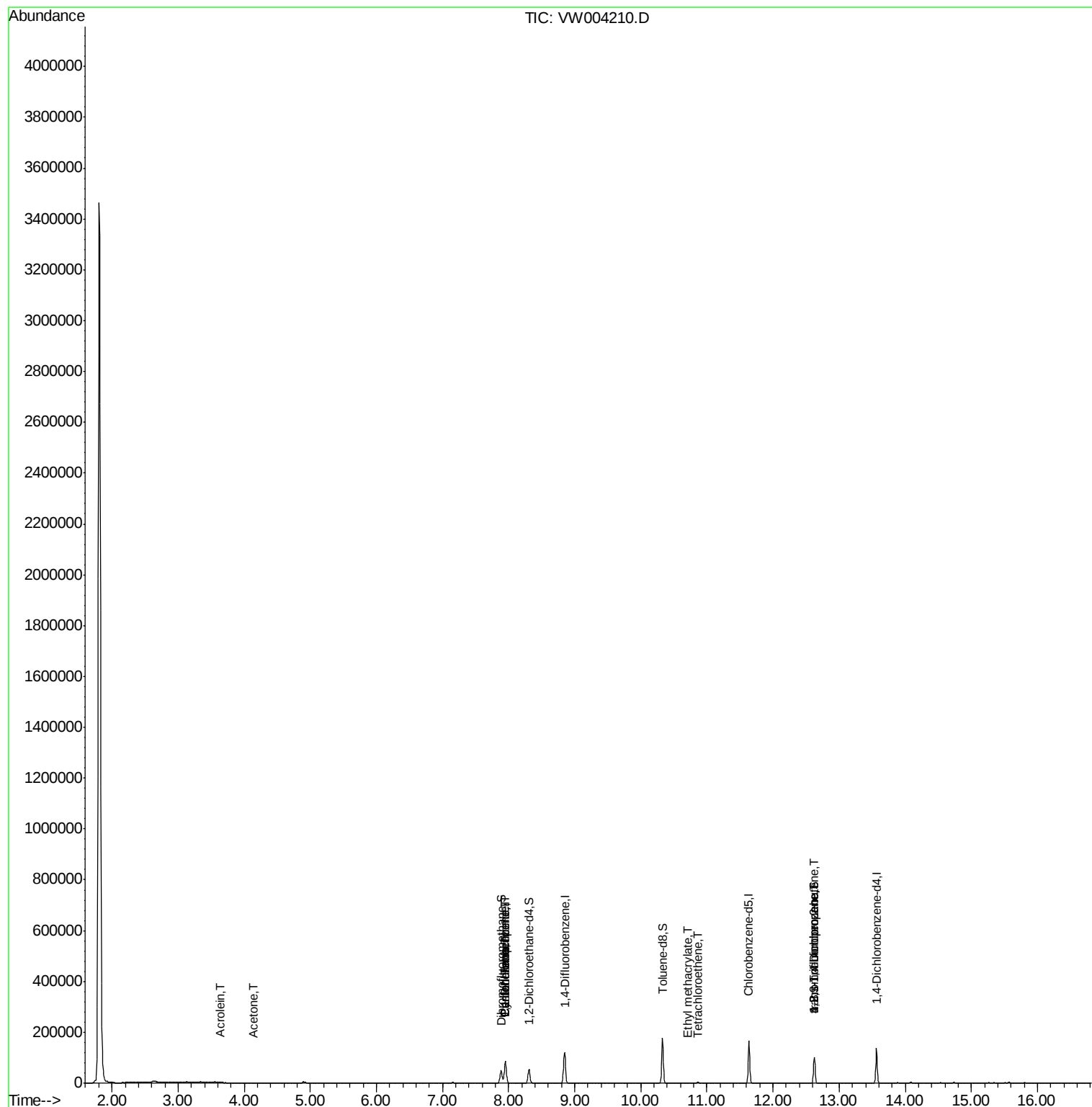
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.64	56	119	2.364	ug/l #	1
16) Acetone	4.13	43	1129	6.620	ug/l #	44
20) Methylene Chloride	4.91	84	3595	Below Cal		97
31) Cyclohexane	7.96	56	1526	1.296	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5166	5.165	ug/l #	49
38) Carbon Tetrachloride	7.95	117	6305	6.747	ug/l #	17
56) Ethyl methacrylate	10.72	69	50	3.010	ug/l #	60
64) Tetrachloroethene	10.86	164	661	1.060	ug/l #	85
76) 1,2,3-Trichloropropane	12.63	75	16641	48.534	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	16641	107.356	ug/l #	11

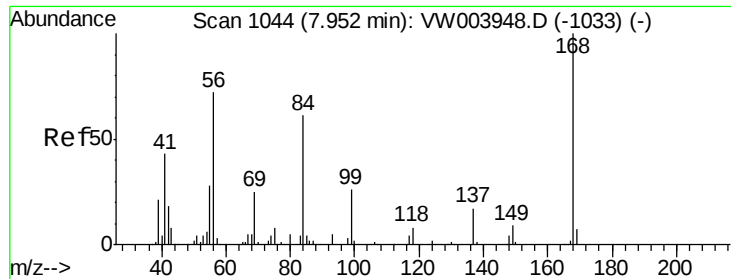
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
Data File : VW004210.D
Acq On : 25 Jul 2018 23:21
Operator : SY/AP
Sample : J4124-03
Misc : 5.79G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

Quant Time: Jul 26 05:13:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004210.D

Acq: 25 Jul 2018 23:21

Instrument :

MSVOA_W

ClientSampleId :

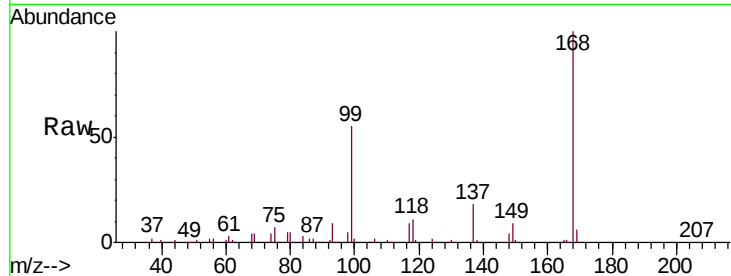
TP-11-S

Tgt Ion:168 Resp: 63490

Ion Ratio Lower Upper

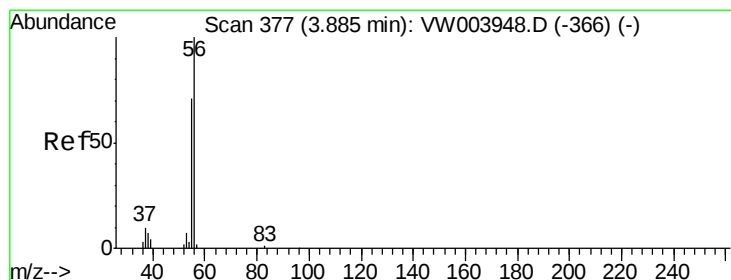
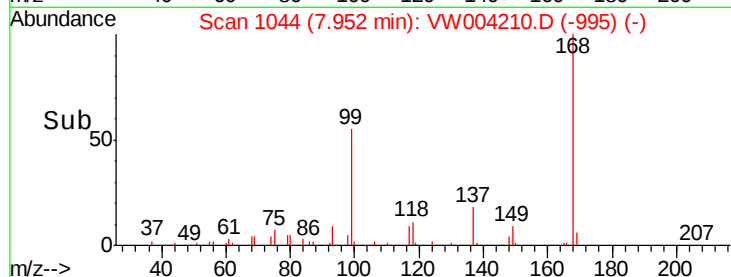
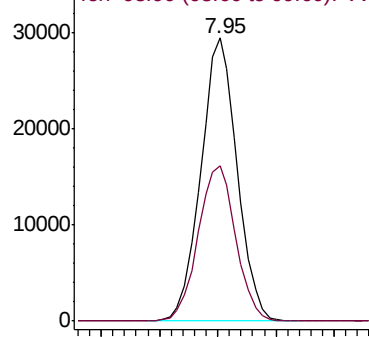
168 100

99 55.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 2.364 ug/l

RT: 3.64 min Scan# 337

Delta R.T. -0.24 min

Lab File: VW004210.D

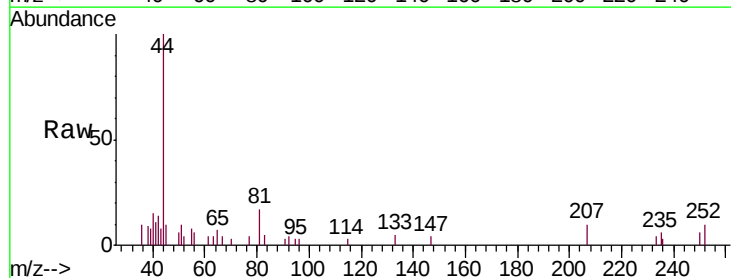
Acq: 25 Jul 2018 23:21

Tgt Ion: 56 Resp: 119

Ion Ratio Lower Upper

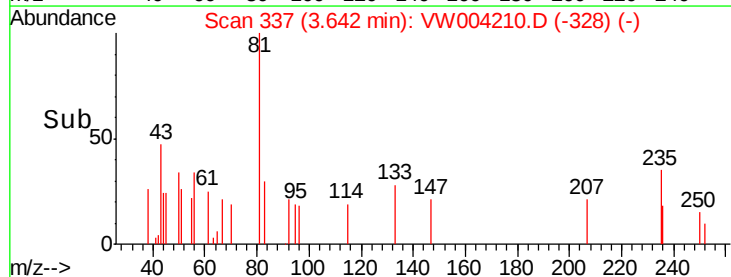
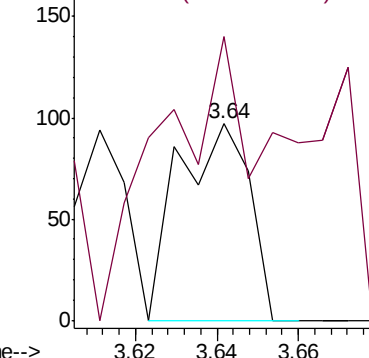
56 100

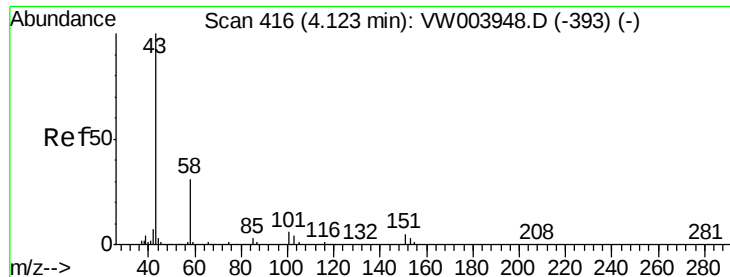
55 221.0 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 6.620 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004210.D

Acq: 25 Jul 2018 23:21

Instrument :

MSVOA_W

ClientSampled :

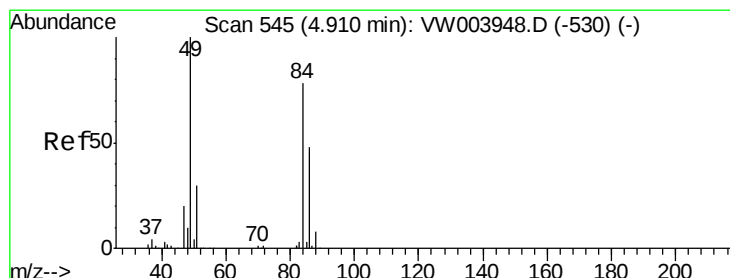
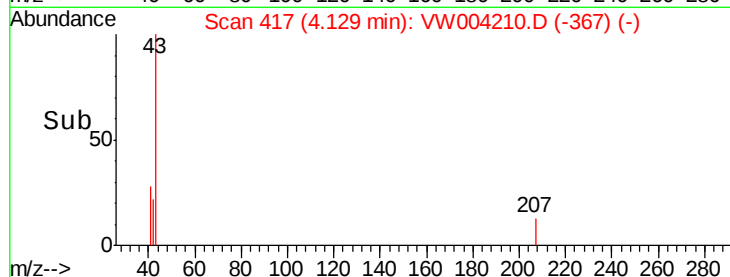
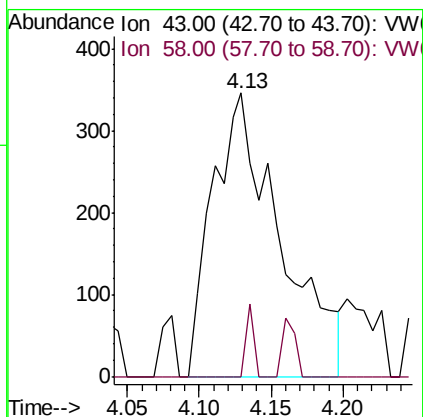
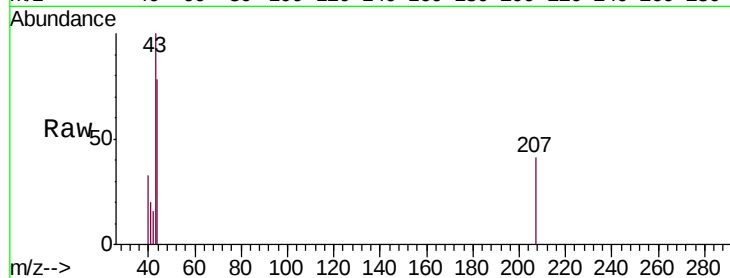
TP-11-S

Tgt Ion: 43 Resp: 1129

Ion Ratio Lower Upper

43 100

58 0.0 24.5 36.7#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004210.D

Acq: 25 Jul 2018 23:21

Tgt Ion: 84 Resp: 3595

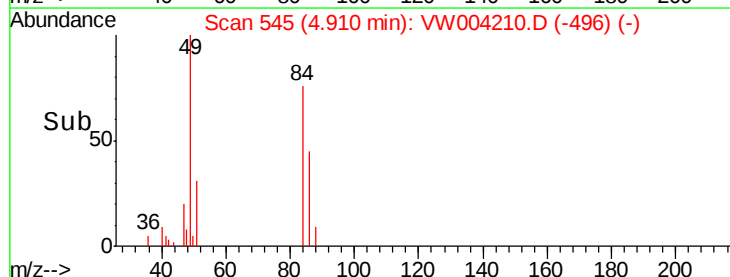
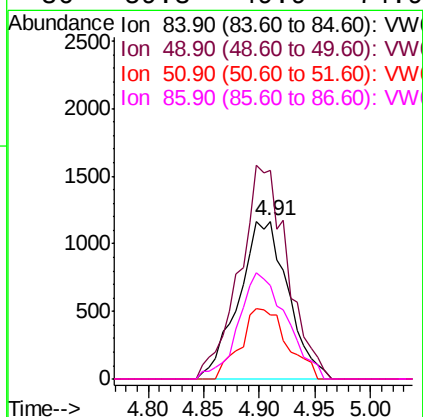
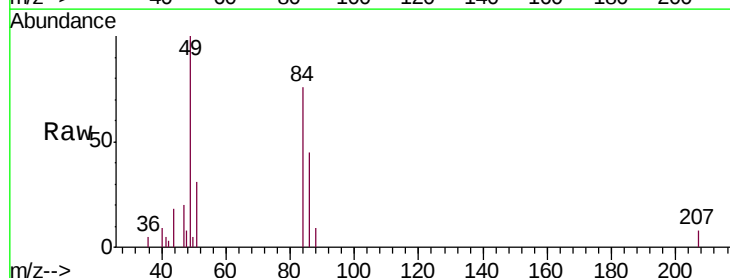
Ion Ratio Lower Upper

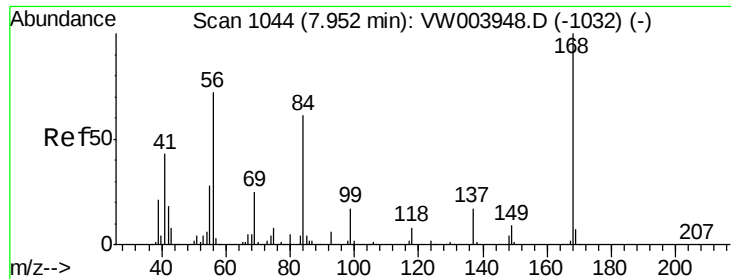
84 100

49 132.0 102.9 154.3

51 40.6 30.9 46.3

86 59.3 49.9 74.9

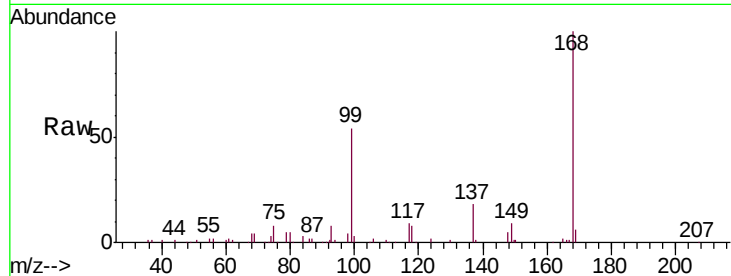




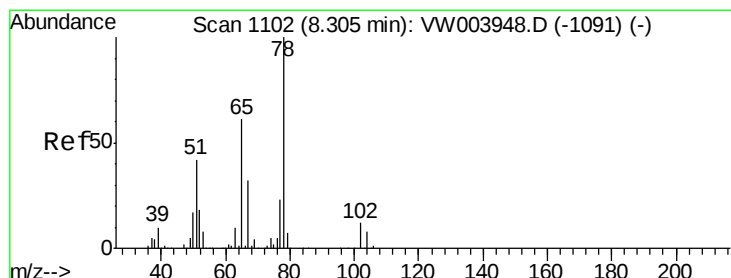
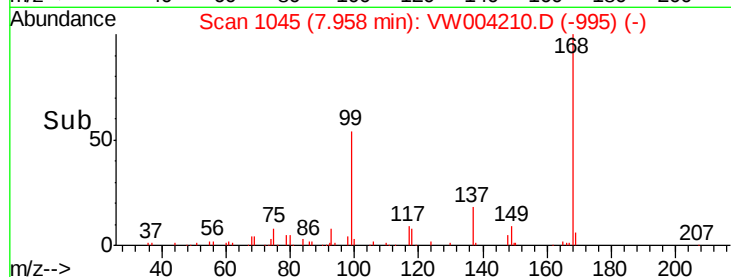
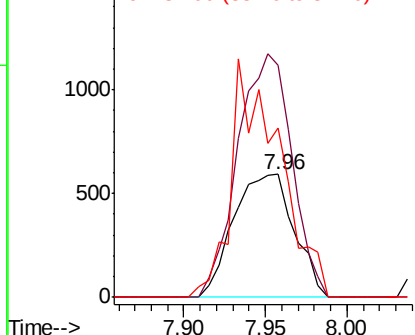
#31
Cyclohexane
Concen: 1.296 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VW004210.D
Acq: 25 Jul 2018 23:21

Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

Tgt Ion: 56 Resp: 1526
Ion Ratio Lower Upper
56 100
69 189.2 27.8 41.8#
84 137.7 67.2 100.8#

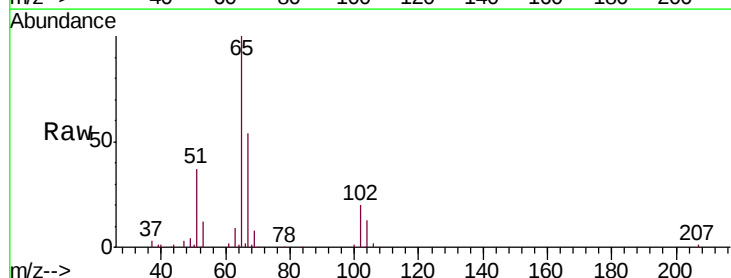


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

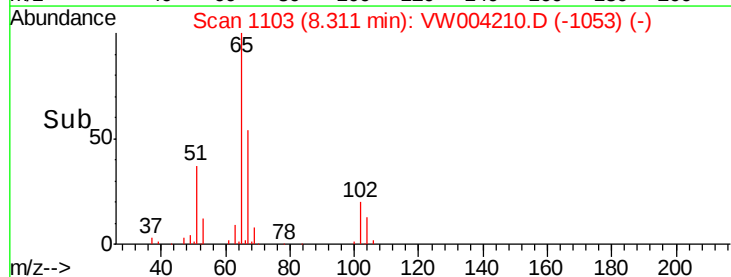
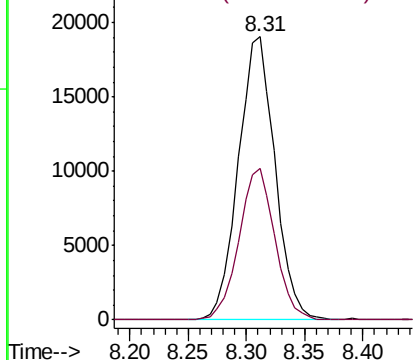


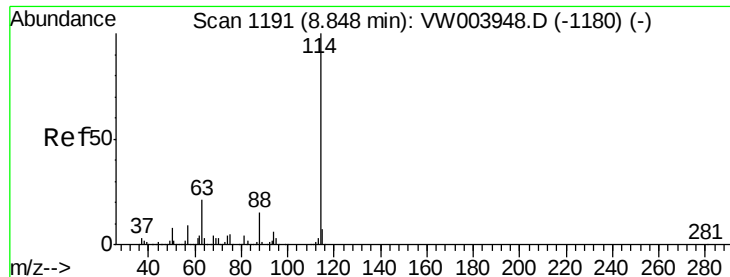
#33
1,2-Dichloroethane-d4
Concen: 58.944 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004210.D
Acq: 25 Jul 2018 23:21

Tgt Ion: 65 Resp: 41832
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0



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

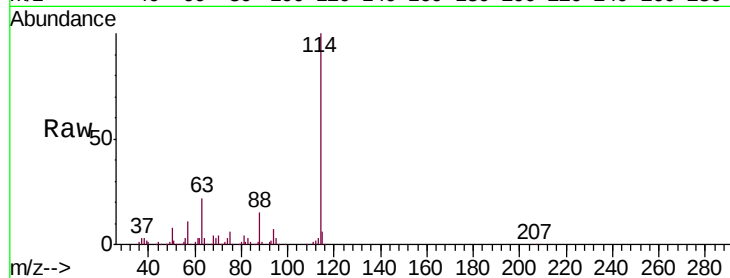




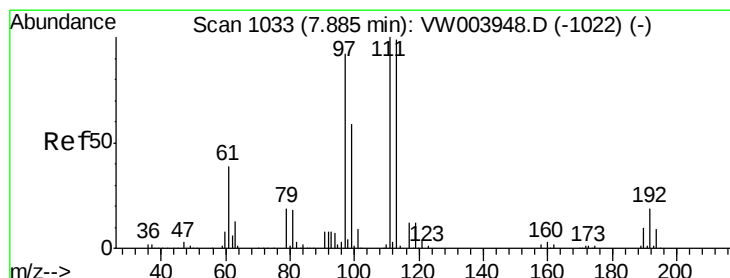
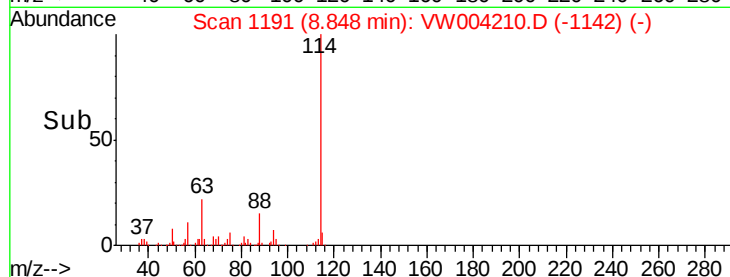
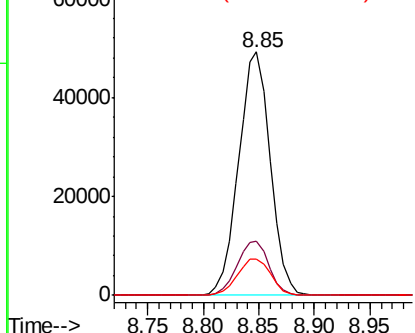
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004210.D
 Acq: 25 Jul 2018 23:21

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11-S

Tgt Ion:114 Resp: 97208
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.8
 88 14.8 0.0 30.4

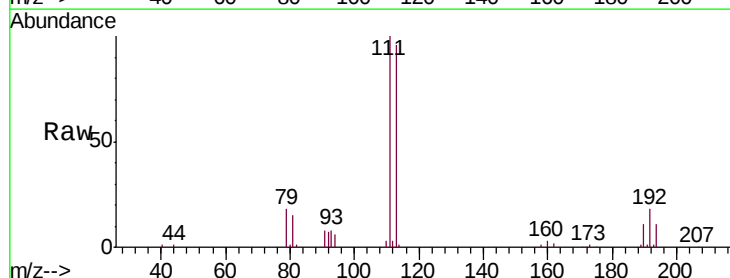


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

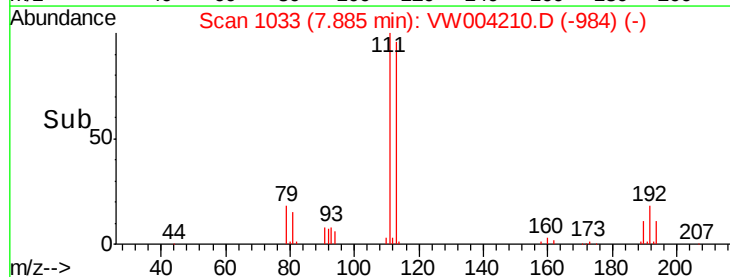
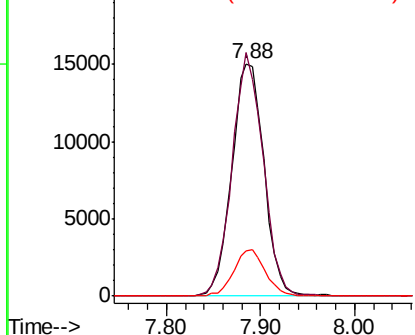


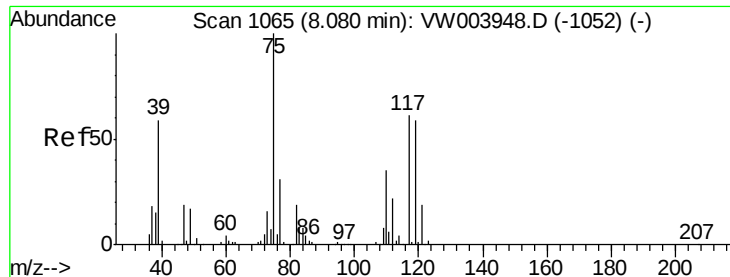
#35
 Dibromofluoromethane
 Concen: 57.567 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004210.D
 Acq: 25 Jul 2018 23:21

Tgt Ion:113 Resp: 35905
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.3 121.9
 192 19.3 15.8 23.6



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

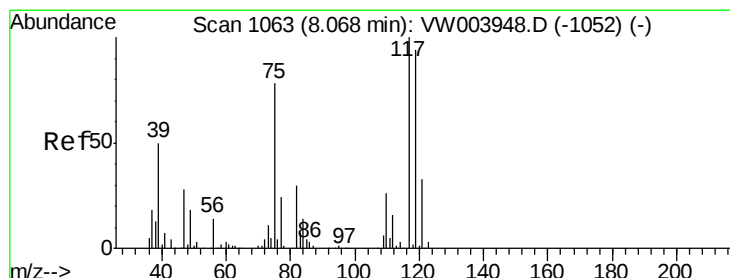
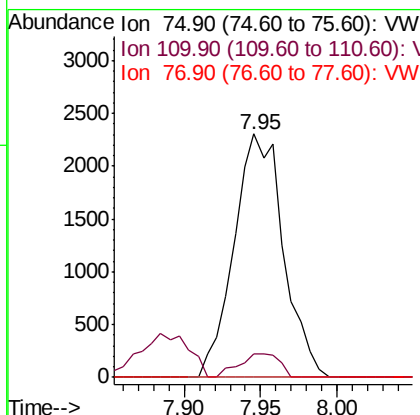
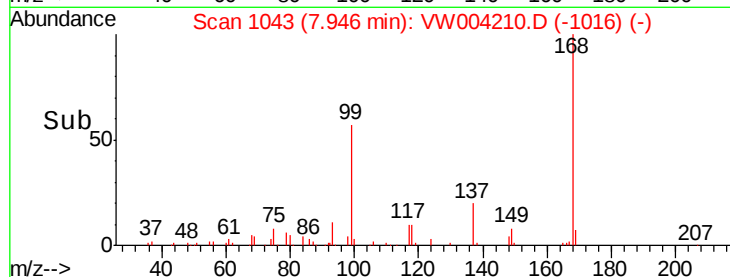
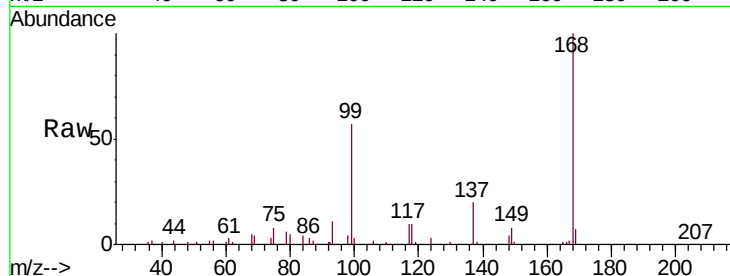




#36
 1,1-Dichloropropene
 Concen: 5.165 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004210.D
 Acq: 25 Jul 2018 23:21

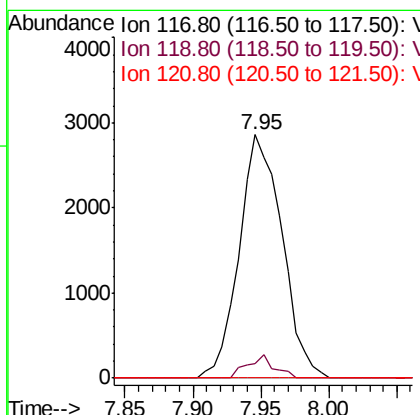
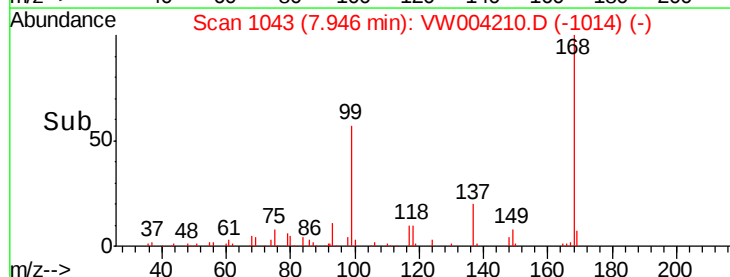
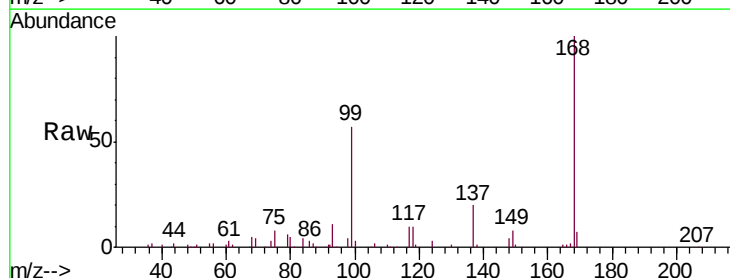
Instrument :
 MSVOA_W
 ClientSampled :
 TP-11-S

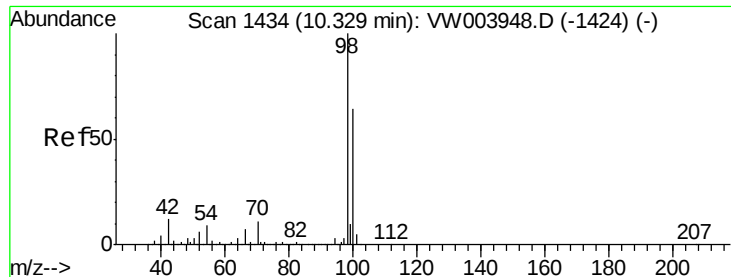
Tgt Ion: 75 Resp: 5166
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.0 51.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.747 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW004210.D
 Acq: 25 Jul 2018 23:21

Tgt Ion: 117 Resp: 6305
 Ion Ratio Lower Upper
 117 100
 119 6.2 75.3 112.9#
 121 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 47.988 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004210.D

Acq: 25 Jul 2018 23:21

Instrument :

MSVOA_W

ClientSampleId :

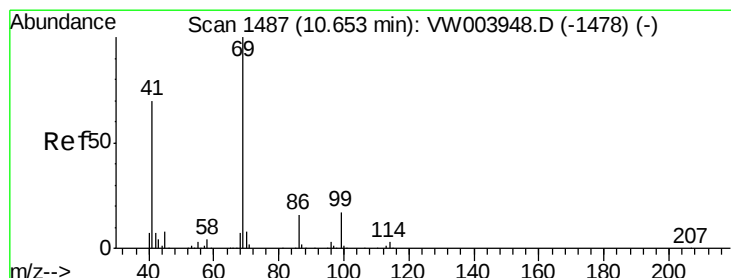
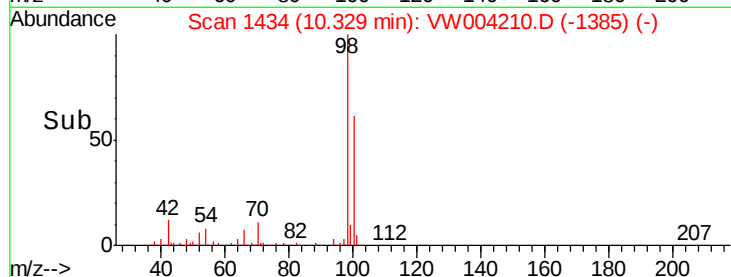
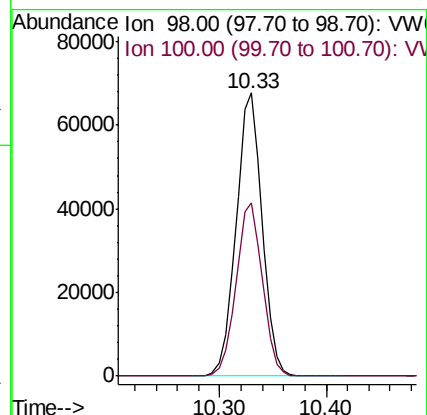
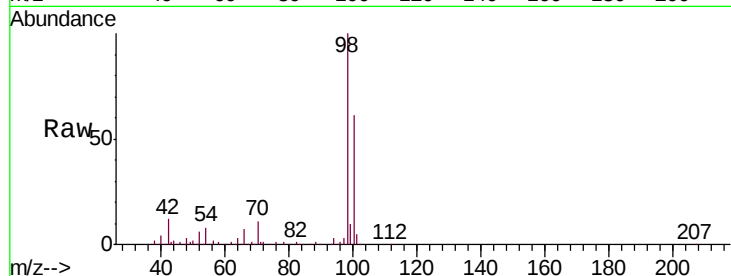
TP-11-S

Tgt Ion: 98 Resp: 116137

Ion Ratio Lower Upper

98 100

100 61.9 51.2 76.8



#56

Ethyl methacrylate

Concen: 3.010 ug/l

RT: 10.72 min Scan# 1498

Delta R.T. 0.07 min

Lab File: VW004210.D

Acq: 25 Jul 2018 23:21

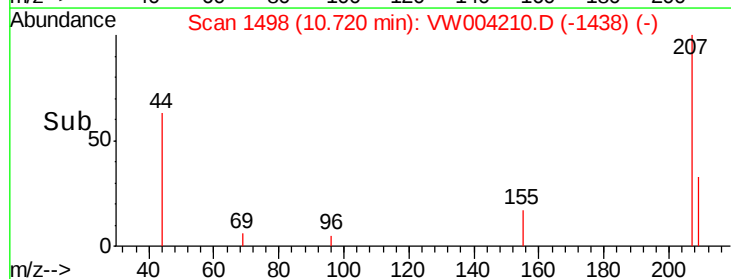
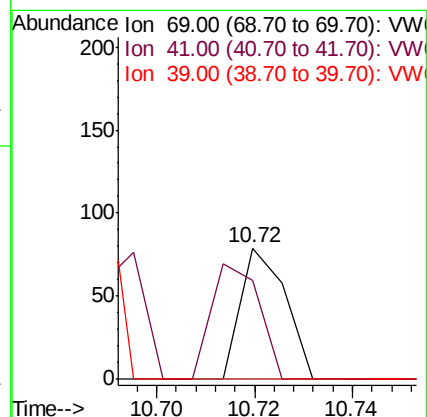
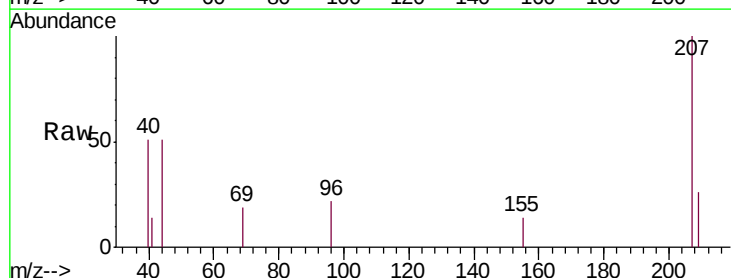
Tgt Ion: 69 Resp: 50

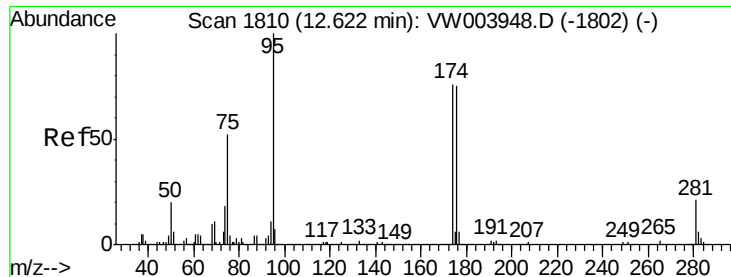
Ion Ratio Lower Upper

69 100

41 94.0 56.5 84.7#

39 0.0 30.2 45.4#

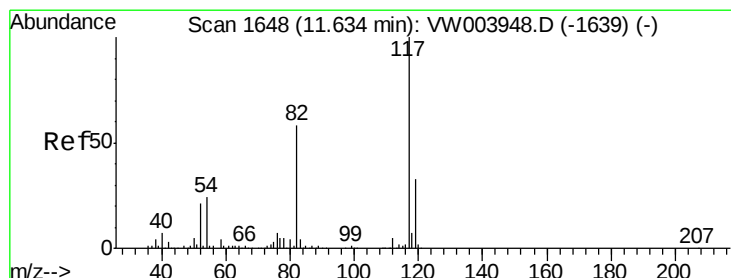
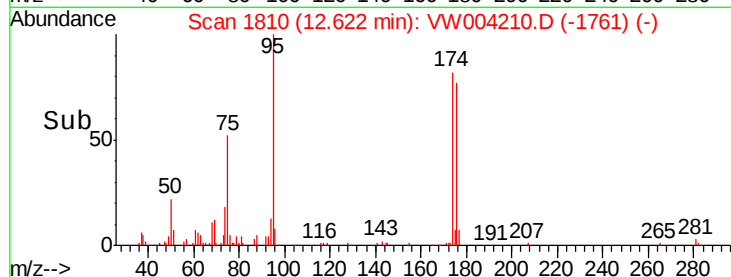
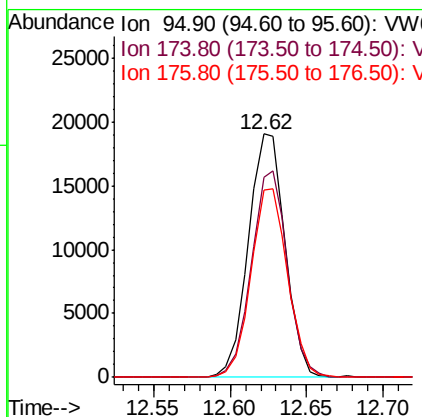
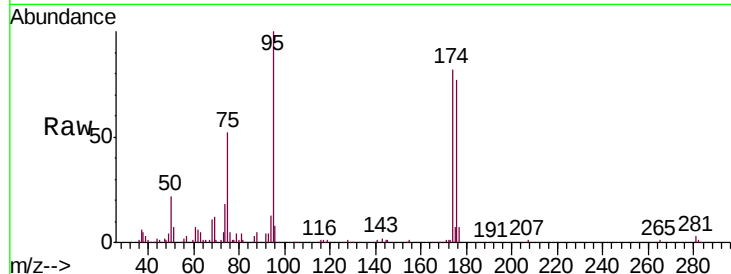




#62
4-Bromofluorobenzene
Concen: 36.342 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004210.D
Acq: 25 Jul 2018 23:21

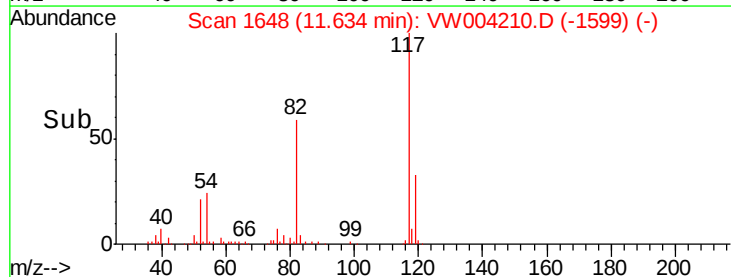
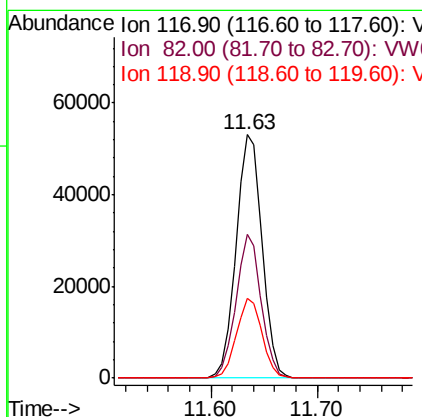
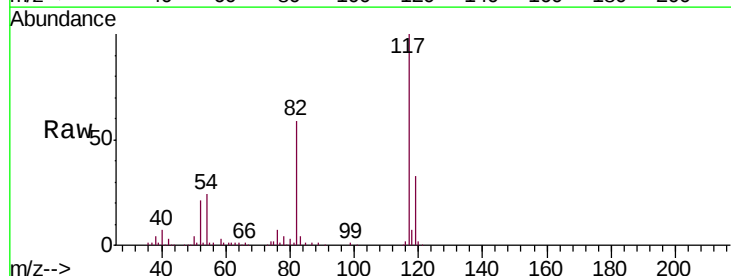
Instrument :
MSVOA_W
ClientSampleId :
TP-11-S

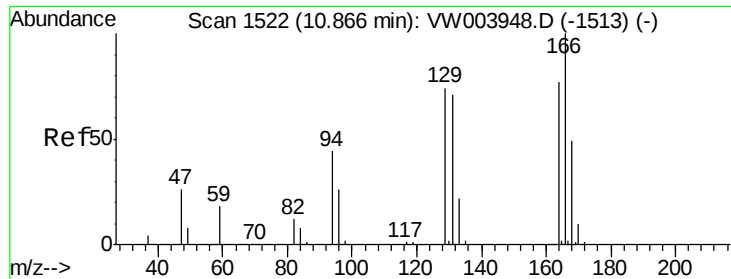
Tgt Ion: 95 Resp: 31716
Ion Ratio Lower Upper
95 100
174 82.8 0.0 160.2
176 77.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004210.D
Acq: 25 Jul 2018 23:21

Tgt Ion: 117 Resp: 90848
Ion Ratio Lower Upper
117 100
82 59.0 46.5 69.7
119 33.0 26.2 39.2





#64

Tetrachloroethene

Concen: 1.060 ug/l

RT: 10.86 min Scan# 1521

Delta R.T. -0.01 min

Lab File: VW004210.D

Acq: 25 Jul 2018 23:21

Instrument :

MSVOA_W

ClientSampleId :

TP-11-S

Tgt Ion:164 Resp: 661

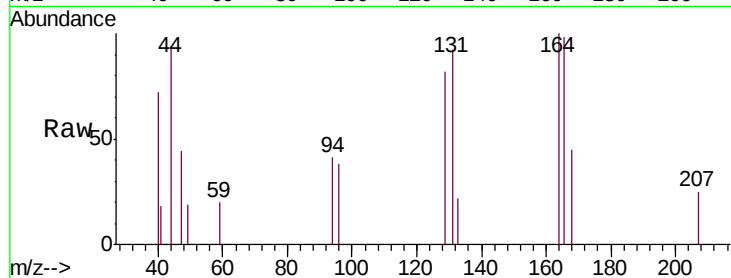
Ion Ratio Lower Upper

164 100

166 97.7 103.5 155.3#

129 82.5 76.8 115.2

131 91.8 73.2 109.8

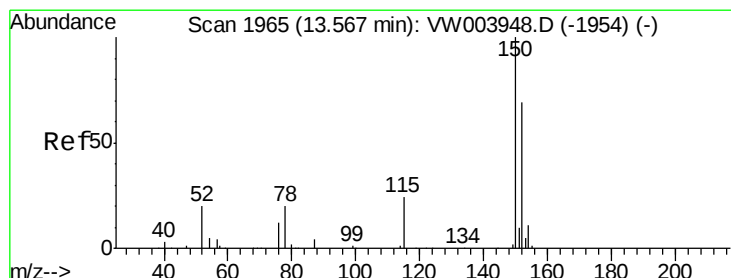
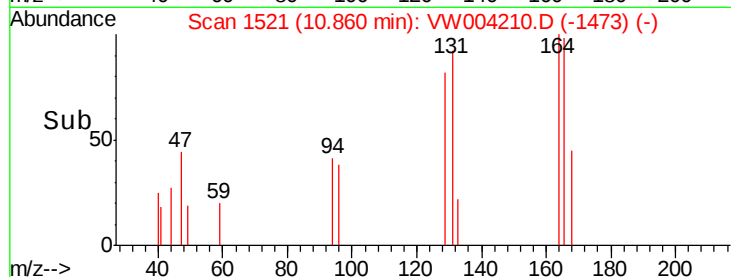
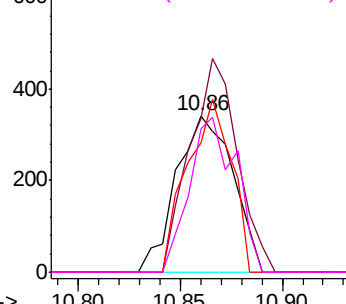


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004210.D

Acq: 25 Jul 2018 23:21

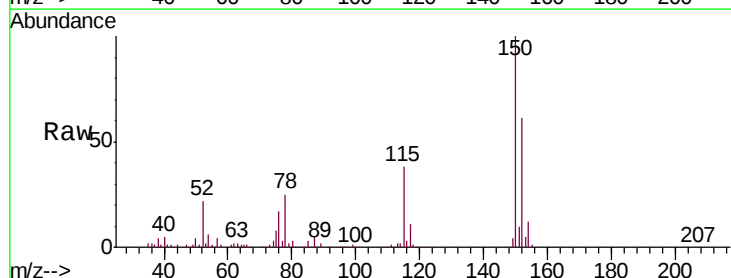
Tgt Ion:152 Resp: 34537

Ion Ratio Lower Upper

152 100

115 61.0 29.2 87.6

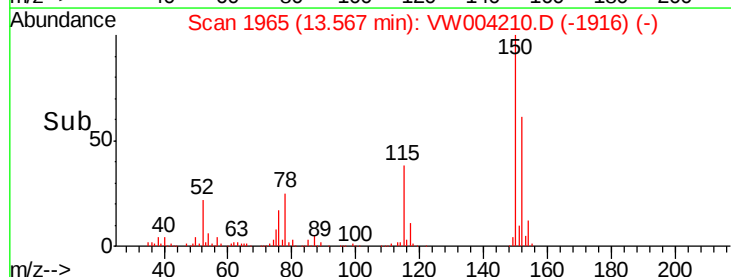
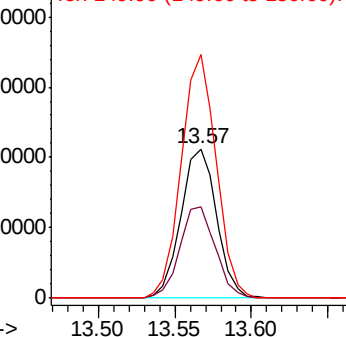
150 159.4 0.0 345.2

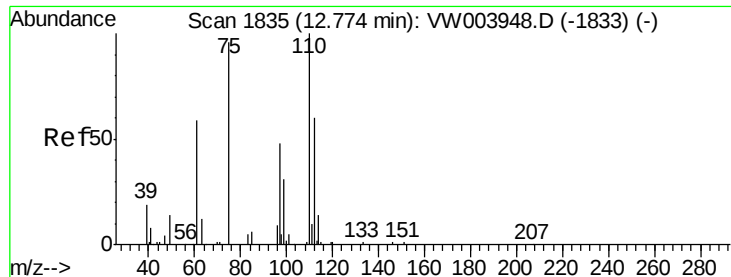


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 48.534 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW004210.D

Acq: 25 Jul 2018 23:21

Instrument :

MSVOA_W

ClientSampleId :

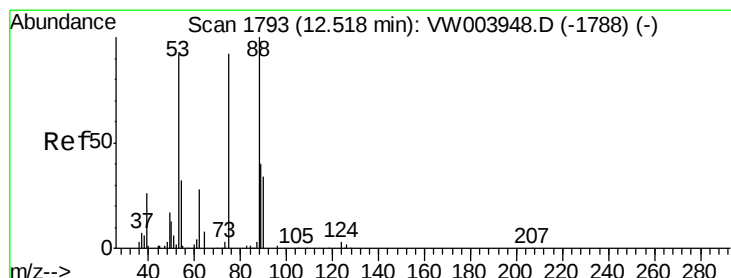
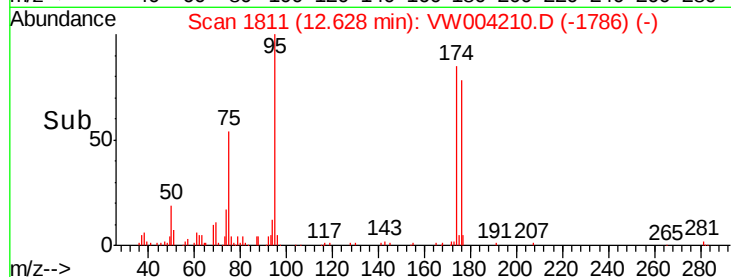
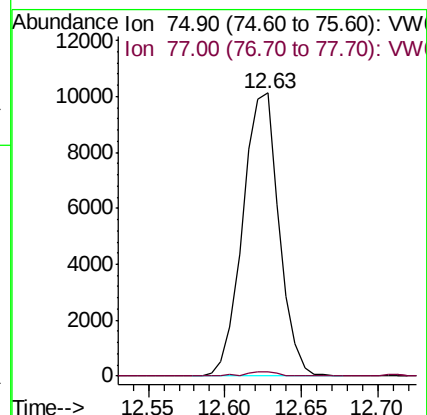
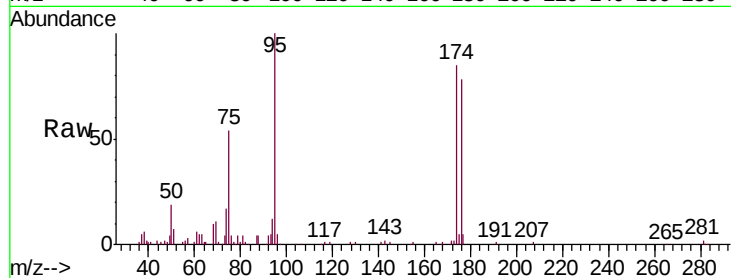
TP-11-S

Tgt Ion: 75 Resp: 16641

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.356 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004210.D

Acq: 25 Jul 2018 23:21

Tgt Ion: 75 Resp: 16641

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.6 54.8#

