

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011538.D
 Acq On : 27 Jul 2019 00:53
 Operator : SY/VA
 Sample : K3990-04
 Misc : 5.82G/5.0ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-B

Quant Time: Jul 27 05:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	430270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	166466	56.04	ug/l	0.00
Spiked Amount						
			Recovery	=	112.08%	
35) Dibromofluoromethane	7.88	113	130431	54.03	ug/l	0.00
Spiked Amount						
			Recovery	=	108.06%	
50) Toluene-d8	10.32	98	529550	53.58	ug/l	0.00
Spiked Amount						
			Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.62	95	166231	47.18	ug/l	0.00
Spiked Amount						
			Recovery	=	94.36%	

Target Compounds

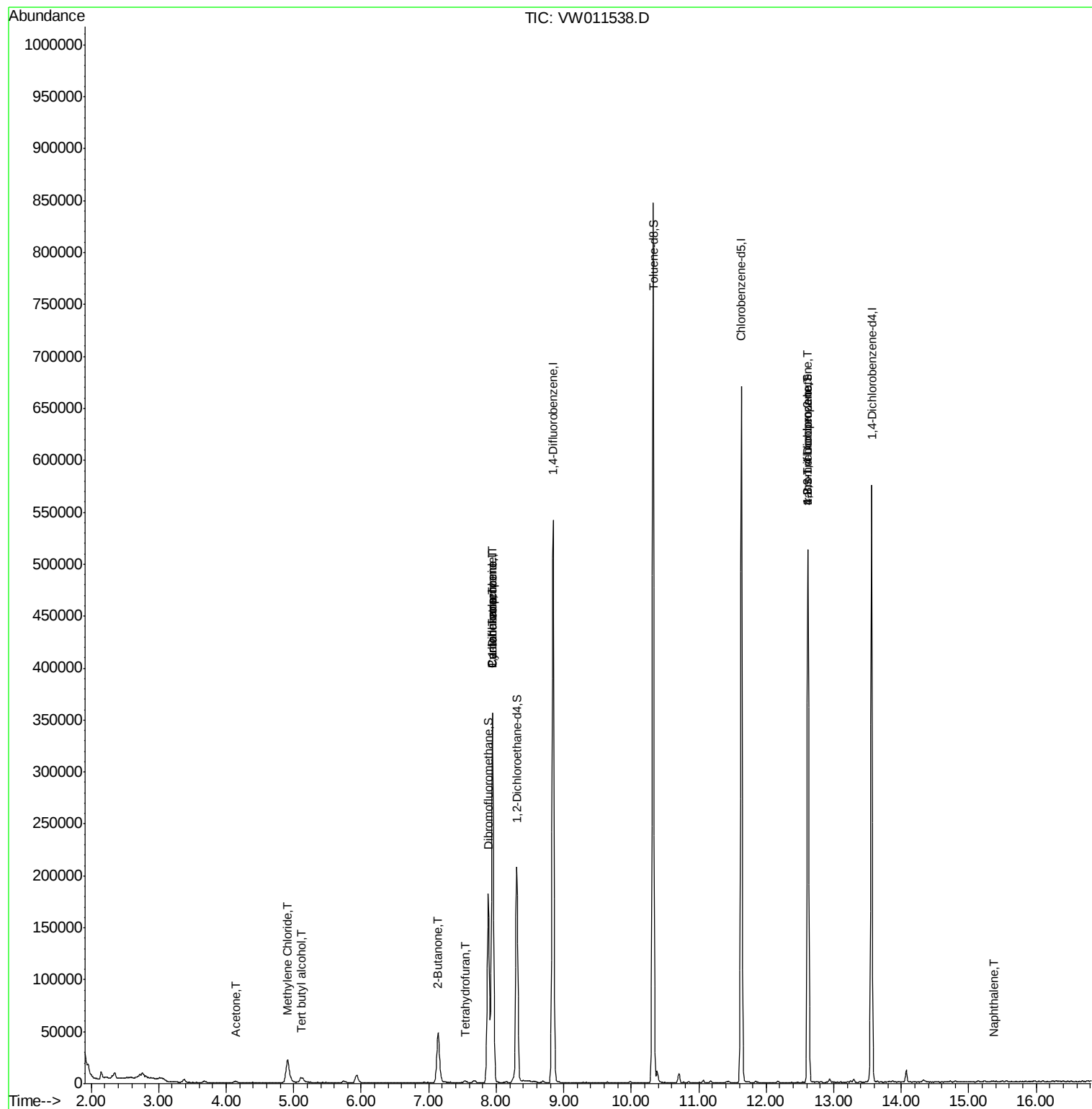
						Qvalue
11) Tert butyl alcohol	5.12	59	5355	7.101	ug/l #	73
16) Acetone	4.14	43	2971	3.144	ug/l #	71
20) Methylene Chloride	4.92	84	15910	4.882	ug/l #	90
25) 2-Butanone	7.14	43	3658	2.958	ug/l #	83
29) Tetrahydrofuran	7.53	42	1673	2.367	ug/l	95
31) Cyclohexane	7.95	56	6400	1.152	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	22391	5.005	ug/l #	51
38) Carbon Tetrachloride	7.94	117	26311	6.870	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	88161	59.279	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88161	136.616	ug/l #	6
95) Naphthalene	15.36	128	610	2.171	ug/l #	92

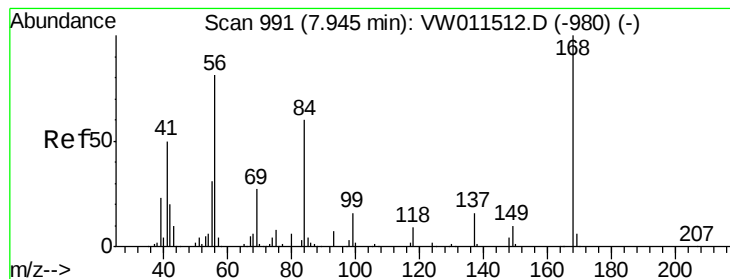
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 27 05:35:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011538.D

Acq: 27 Jul 2019 00:53

Instrument :

MSVOA_W

ClientSampled :

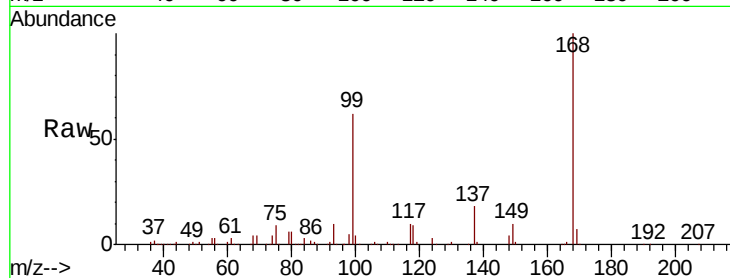
TP-3-B

Tot Ion:168 Resp: 258710

Ion Ratio Lower Upper

168 100

99 61.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

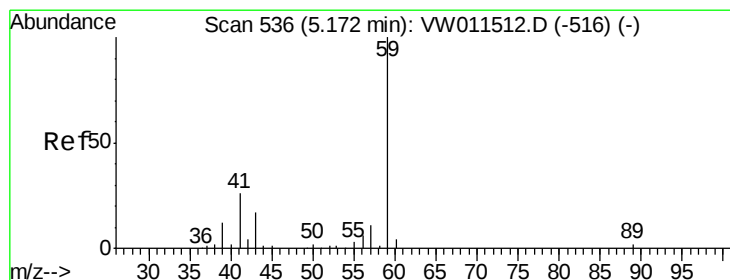
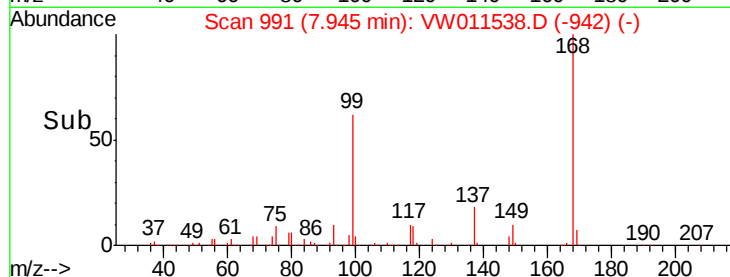
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 7.101 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW011538.D

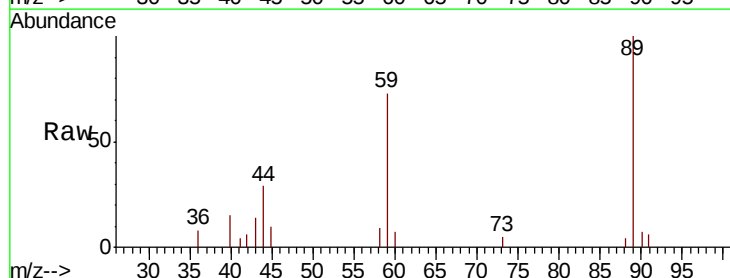
Acq: 27 Jul 2019 00:53

Tgt Ion: 59 Resp: 5355

Ion Ratio Lower Upper

59 100

57 0.4 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

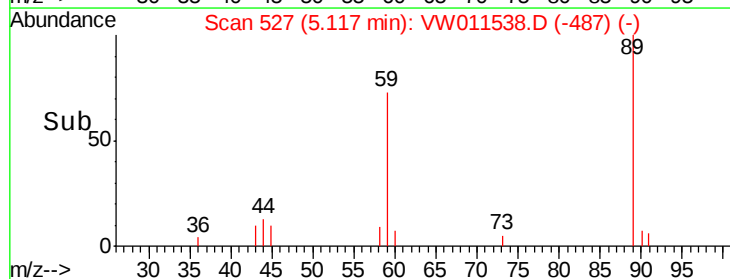
1500

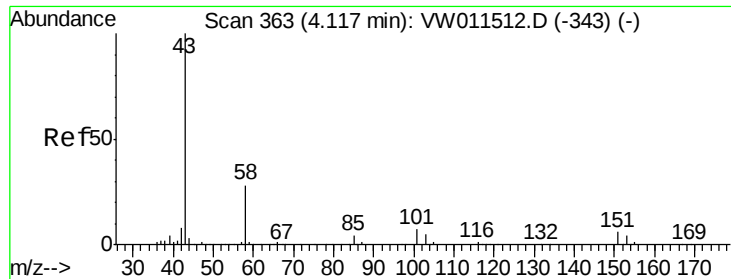
1000

500

0

Time-->





#16

Acetone

Concen: 3.144 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011538.D

Acq: 27 Jul 2019 00:53

Instrument :

MSVOA_W

ClientSampled :

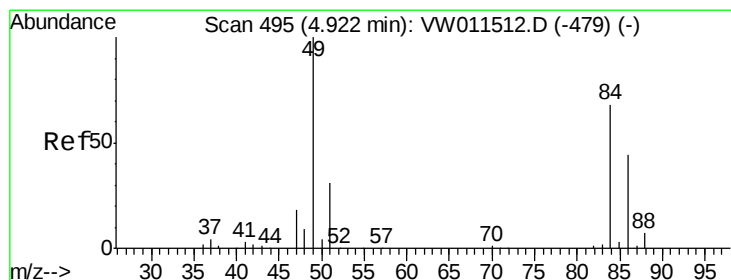
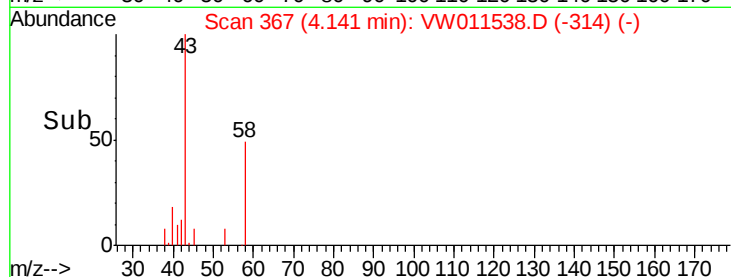
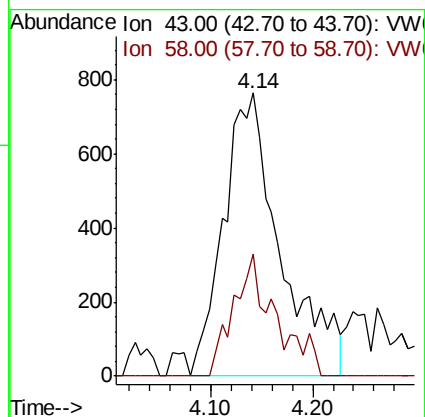
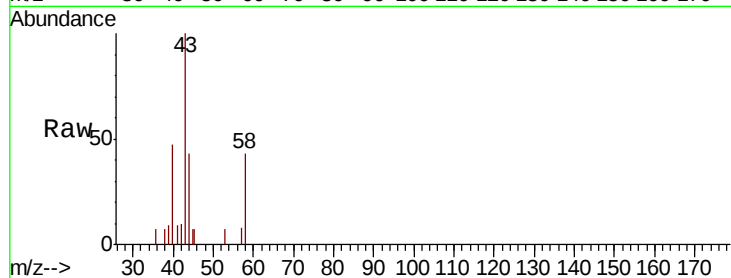
TP-3-B

Tot Ion: 43 Resp: 2971

Ion Ratio Lower Upper

43 100

58 43.1 22.3 33.5#



#20

Methylene Chloride

Concen: 4.882 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011538.D

Acq: 27 Jul 2019 00:53

Tgt Ion: 84 Resp: 15910

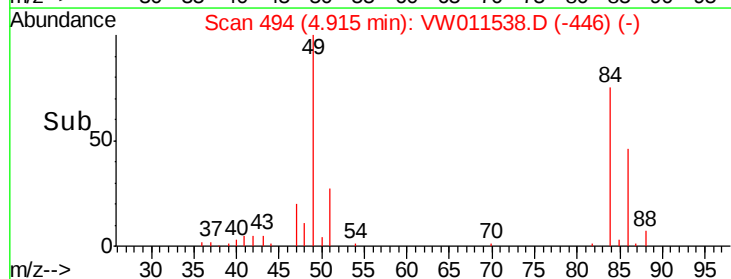
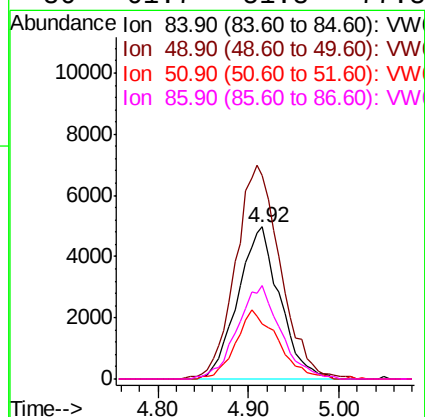
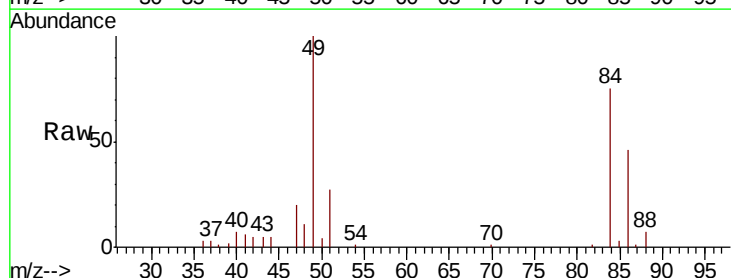
Ion Ratio Lower Upper

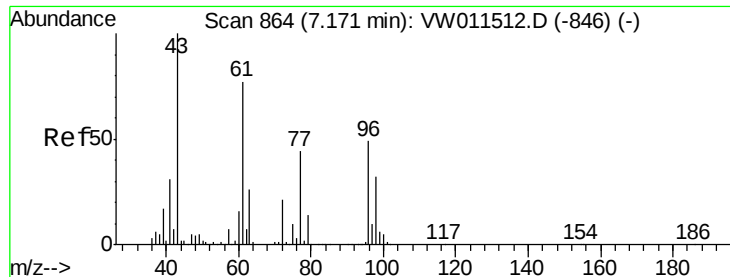
84 100

49 132.6 117.8 176.6

51 36.3 37.0 55.4#

86 61.7 51.8 77.8





#25

2-Butanone

Concen: 2.958 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW011538.D

Acq: 27 Jul 2019 00:53

Instrument :

MSVOA_W

ClientSampled :

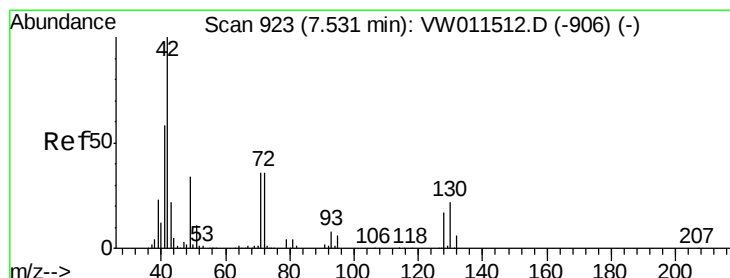
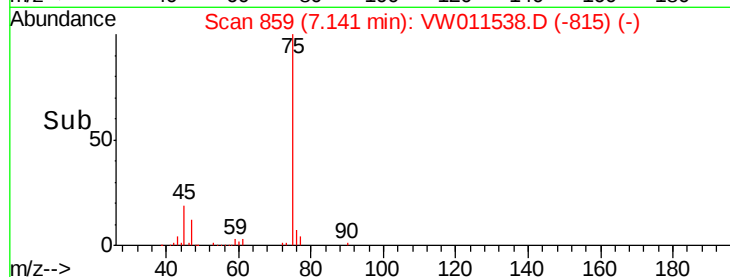
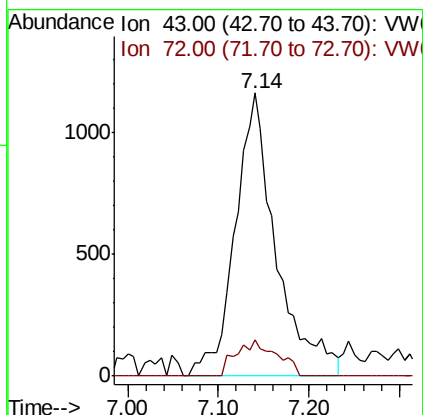
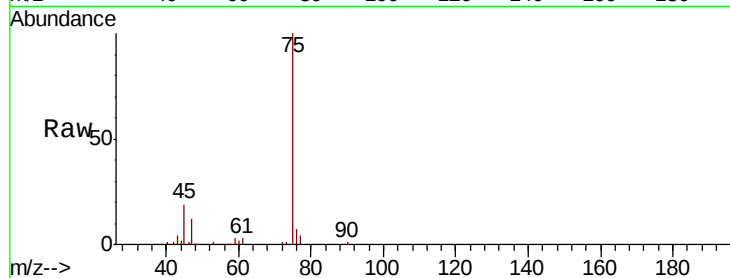
TP-3-B

Tot Ion: 43 Resp: 3658

Ion Ratio Lower Upper

43 100

72 13.0 16.6 24.8#



#29

Tetrahydrofuran

Concen: 2.367 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW011538.D

Acq: 27 Jul 2019 00:53

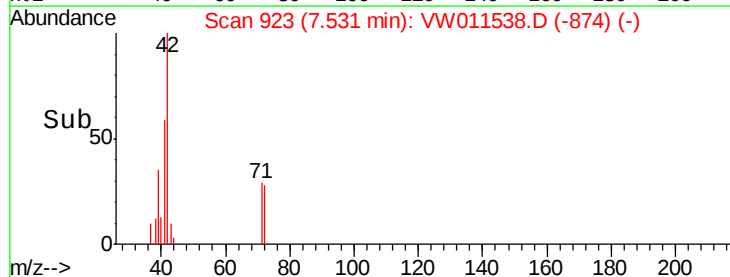
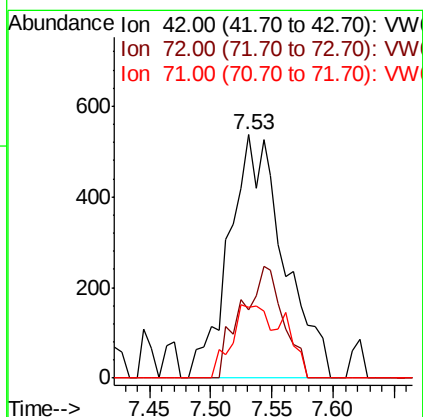
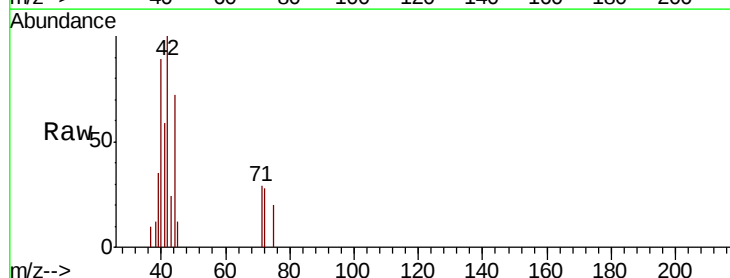
Tgt Ion: 42 Resp: 1673

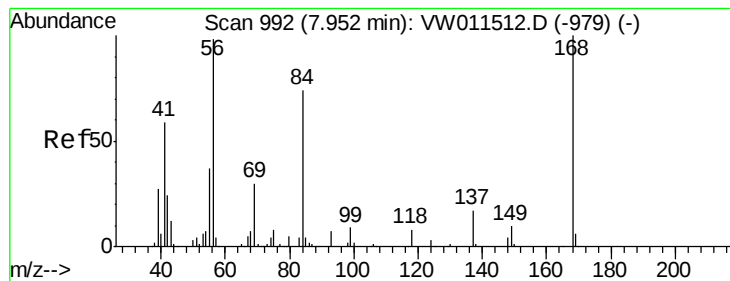
Ion Ratio Lower Upper

42 100

72 35.3 27.1 40.7

71 28.5 26.2 39.4





#31

Cyclohexane

Concen: 1.152 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011538.D

Acq: 27 Jul 2019 00:53

Instrument :
MSVOA_W
ClientSampled :
TP-3-B

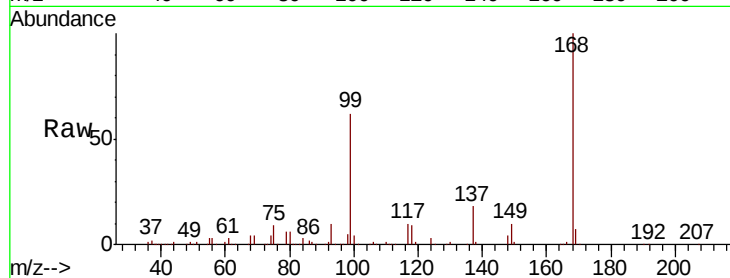
Tot Ion: 56 Resp: 6400

Ion Ratio Lower Upper

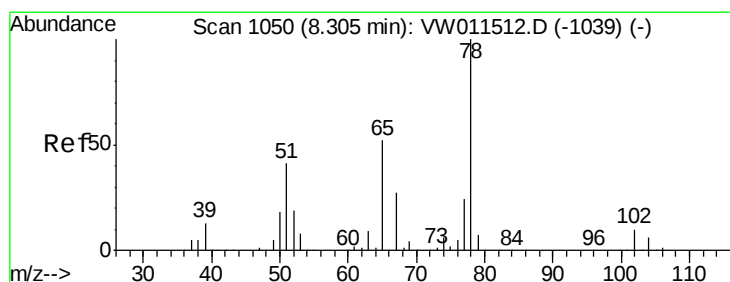
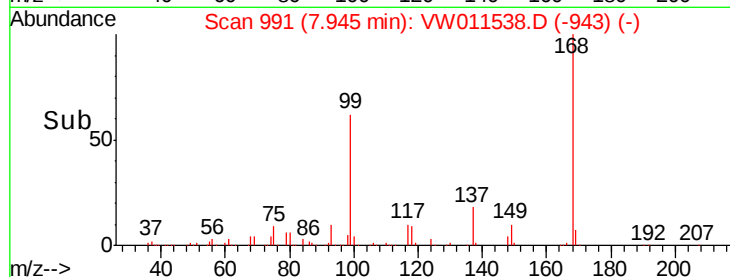
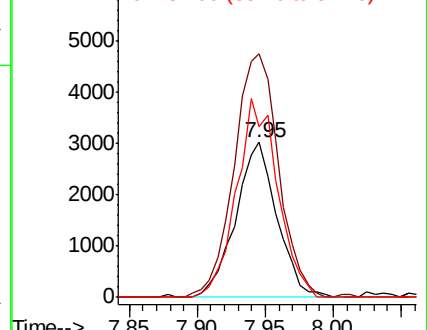
56 100

69 155.0 24.3 36.5#

84 110.4 60.4 90.6#



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: 56.036 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011538.D

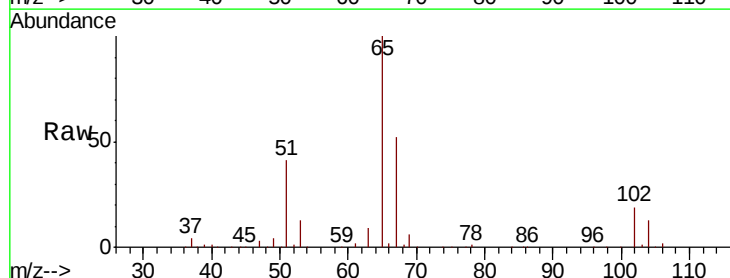
Acq: 27 Jul 2019 00:53

Tgt Ion: 65 Resp: 166466

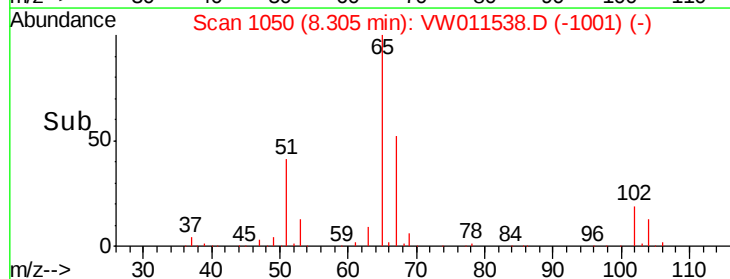
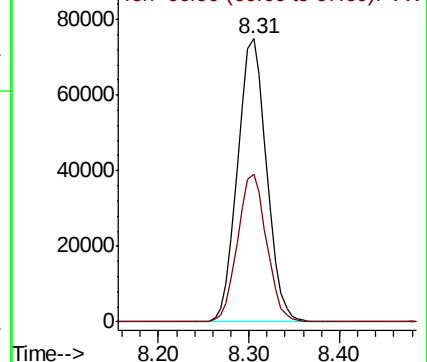
Ion Ratio Lower Upper

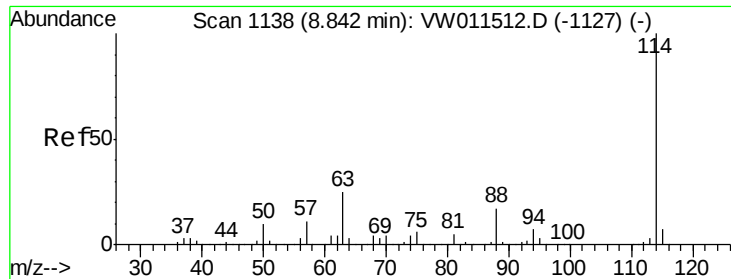
65 100

67 52.2 0.0 105.2



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

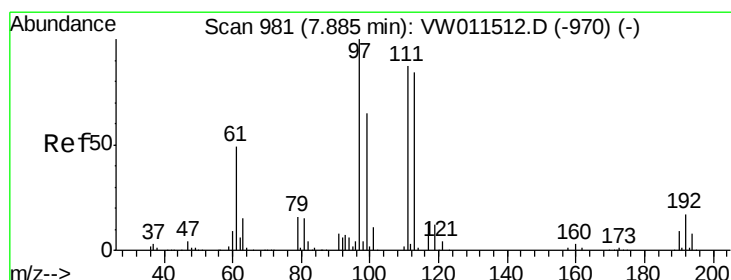
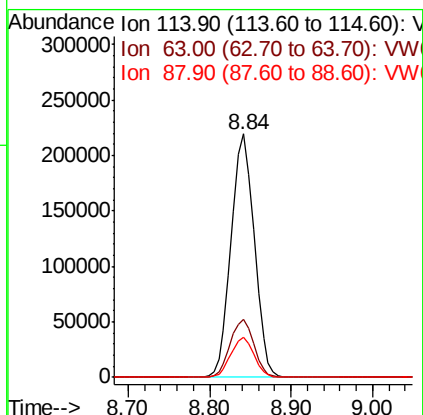
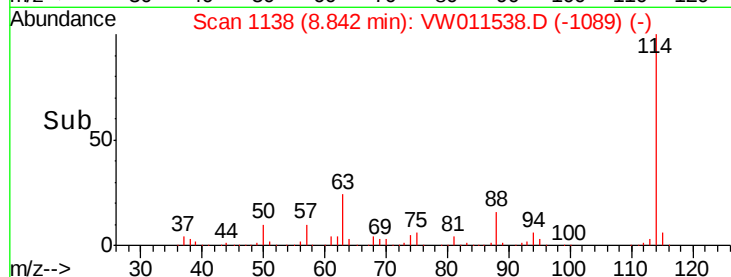
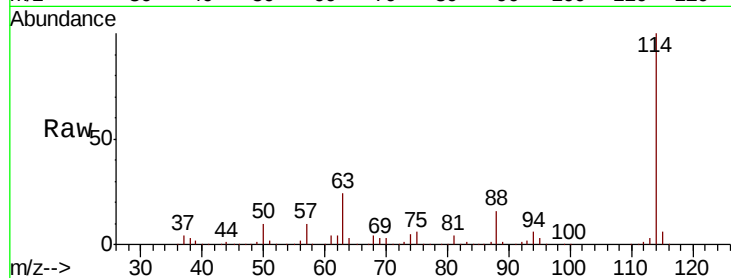




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011538.D
 Acq: 27 Jul 2019 00:53

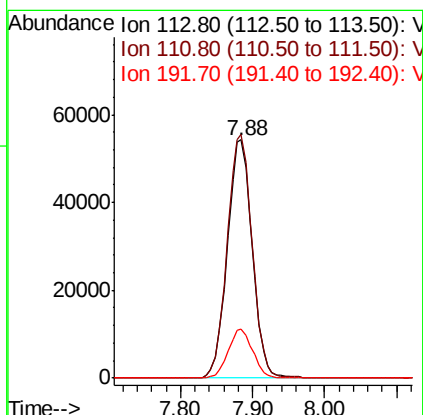
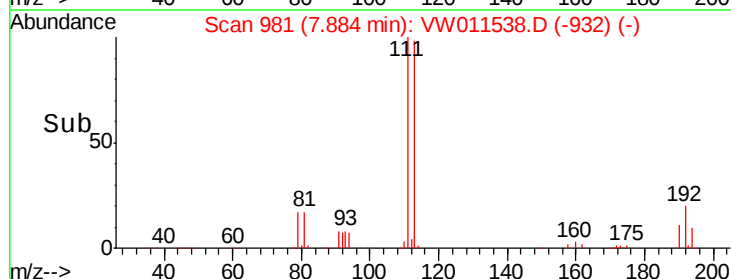
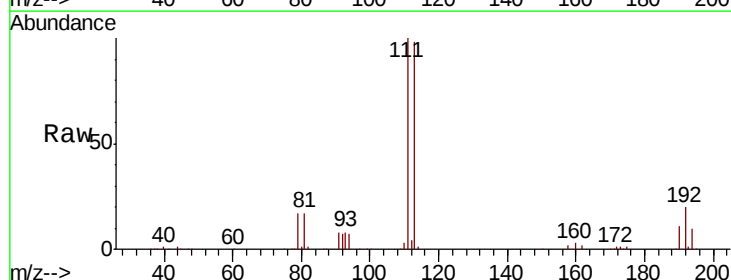
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-B

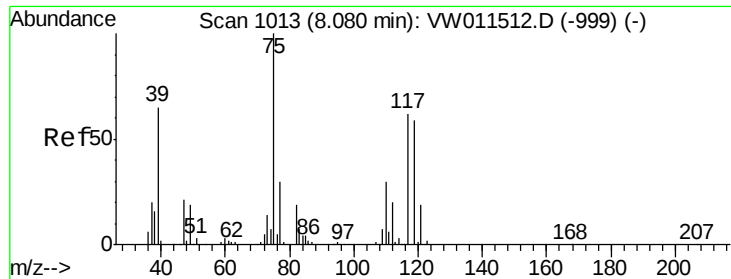
Tot Ion	114	Resp: Lower	430270 Upper
114	100		
63	23.9	0.0	49.2
88	16.5	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 54.034 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011538.D
 Acq: 27 Jul 2019 00:53

Tgt	Ion:113	Resp:	130431
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	20.2	16.1	24.1

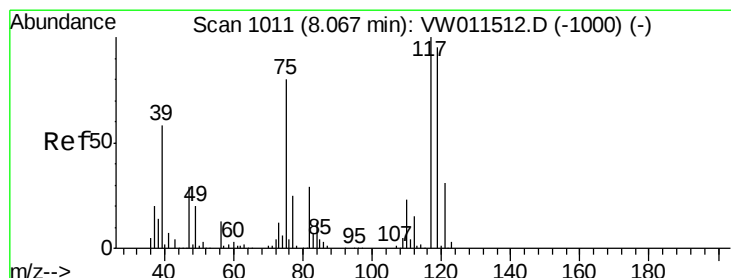
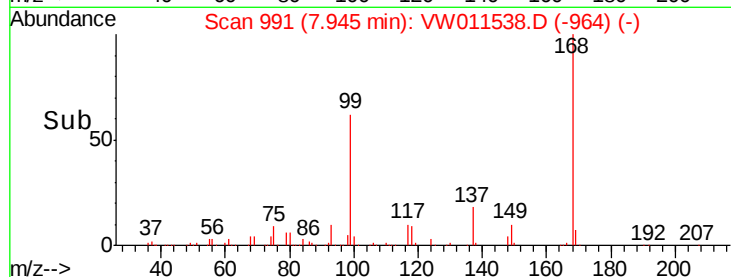
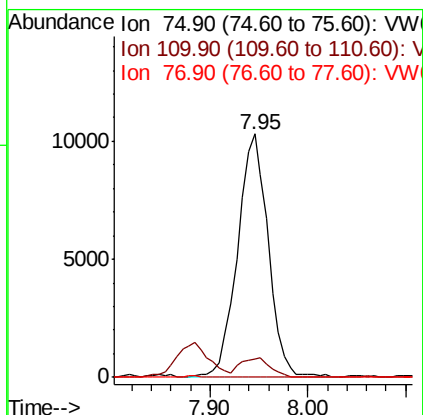
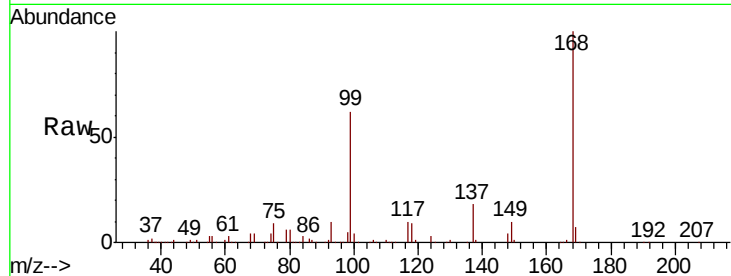




#36
 1,1-Dichloropropene
 Concen: 5.005 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011538.D
 Acq: 27 Jul 2019 00:53

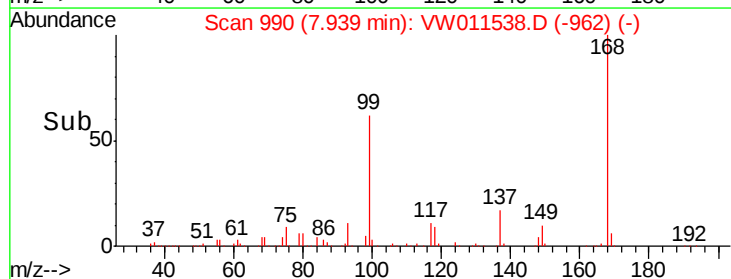
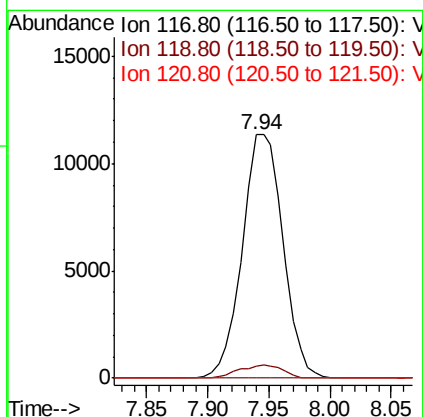
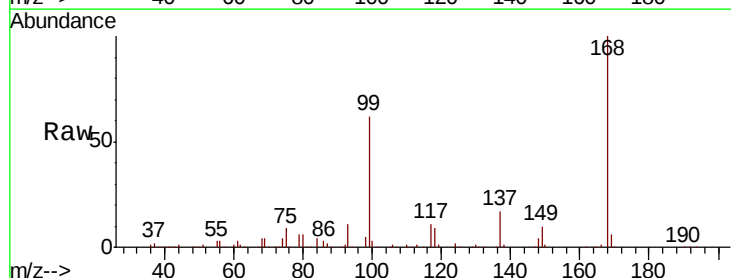
Instrument :
 MSVOA_W
 ClientSampleID :
 TP-3-B

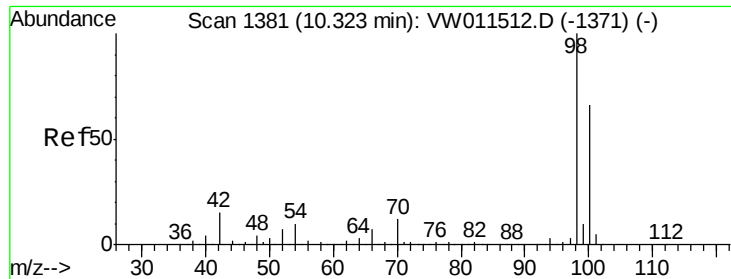
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.870 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011538.D
 Acq: 27 Jul 2019 00:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.6#
121	0.0	24.7	37.1#

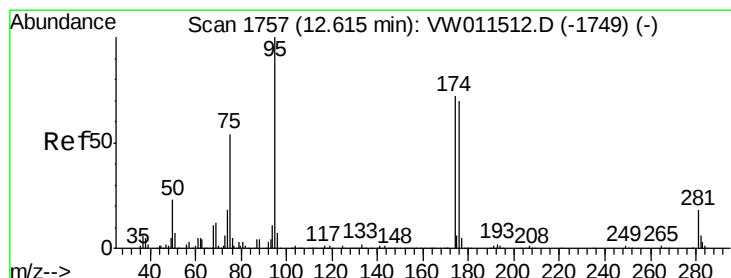
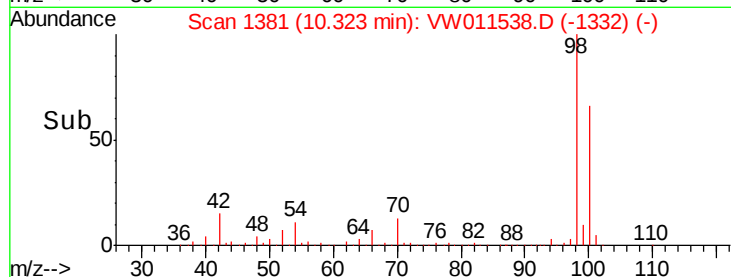
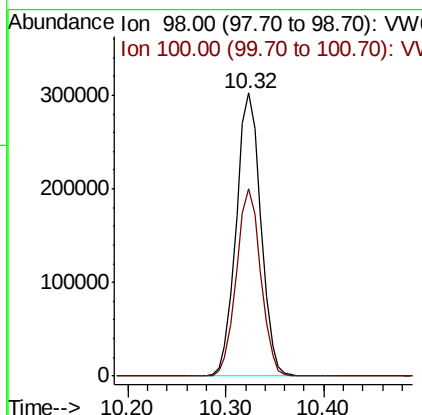
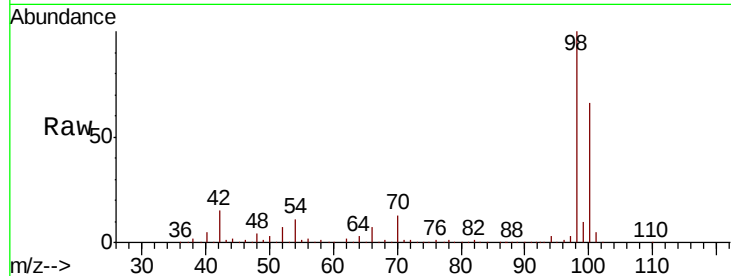




#50
Toluene-d8
Concen: 53.581 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011538.D
Acq: 27 Jul 2019 00:53

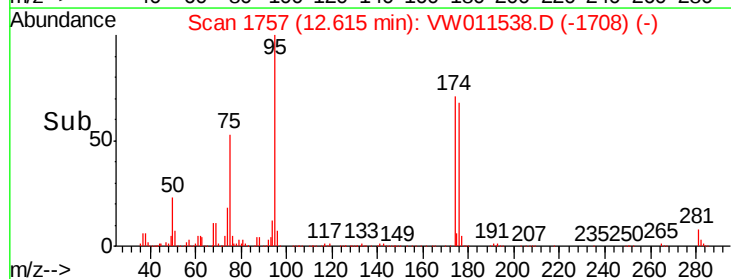
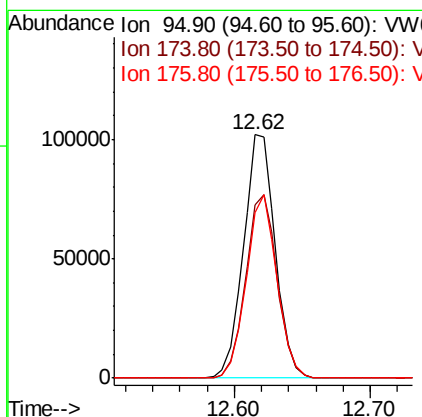
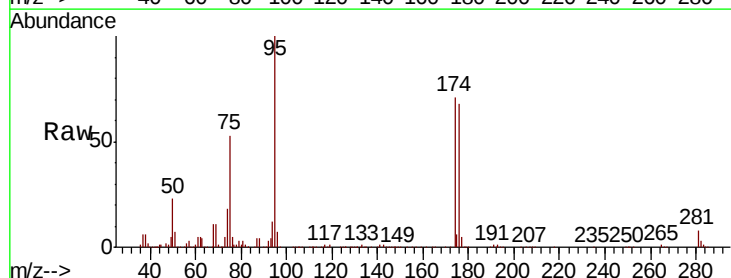
Instrument :
MSVOA_W
ClientSampleId :
TP-3-B

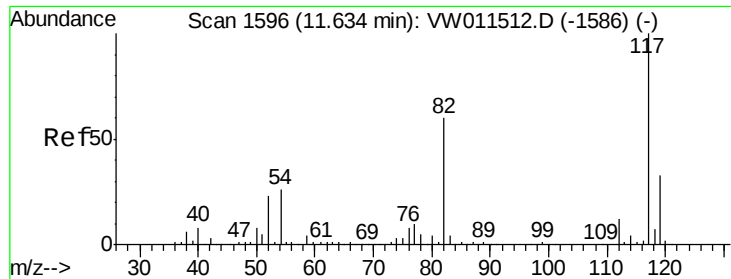
Tot Ion: 98 Resp: 529550
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.177 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011538.D
Acq: 27 Jul 2019 00:53

Tgt Ion: 95 Resp: 166231
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.2
176 72.9 0.0 144.4

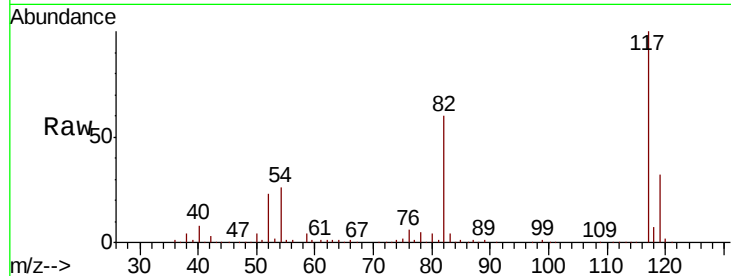




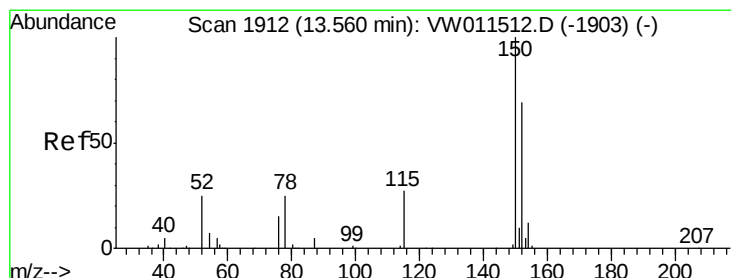
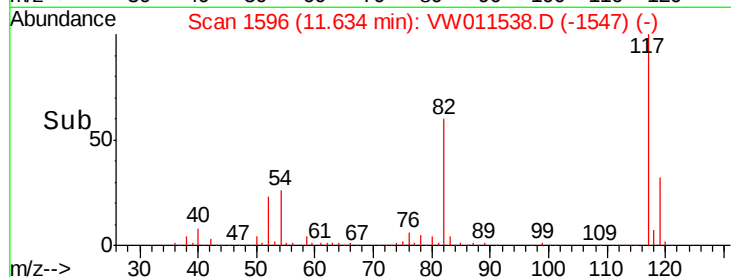
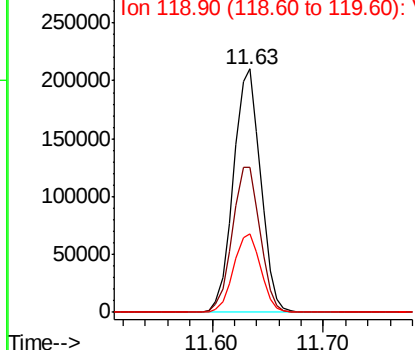
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011538.D
Acq: 27 Jul 2019 00:53

Instrument :
MSVOA_W
ClientSampled :
TP-3-B

Tot Ion:117 Resp: 355364
Ion Ratio Lower Upper
117 100
82 59.7 47.9 71.9
119 32.0 26.2 39.2

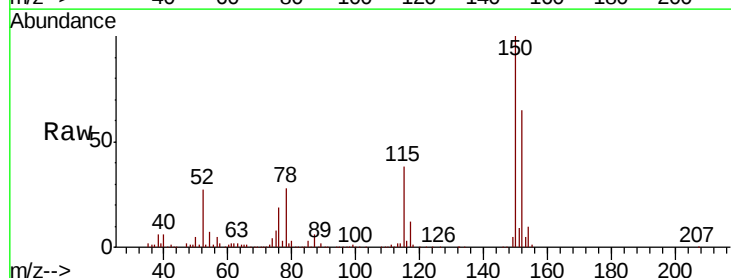


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

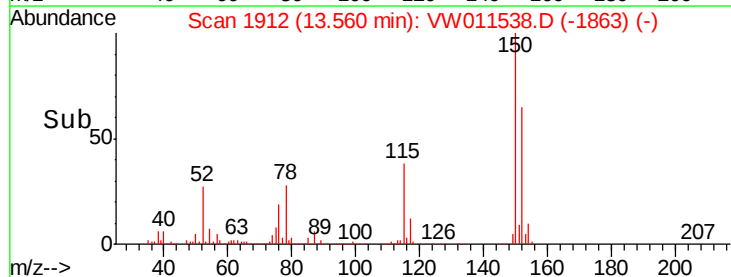
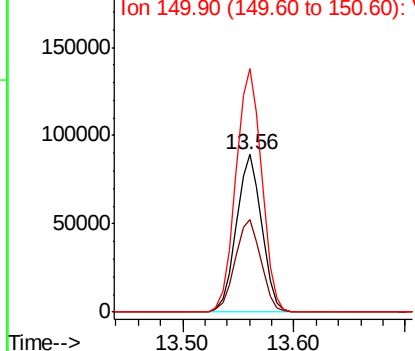


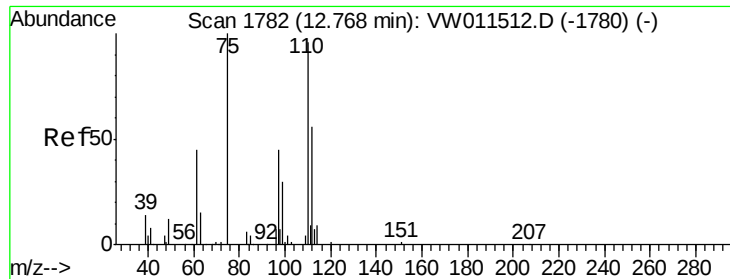
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011538.D
Acq: 27 Jul 2019 00:53

Tgt Ion:152 Resp: 140555
Ion Ratio Lower Upper
152 100
115 59.9 30.5 91.5
150 157.4 0.0 352.6



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: 59.279 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011538.D

Acq: 27 Jul 2019 00:53

Instrument :

MSVOA_W

ClientSampled :

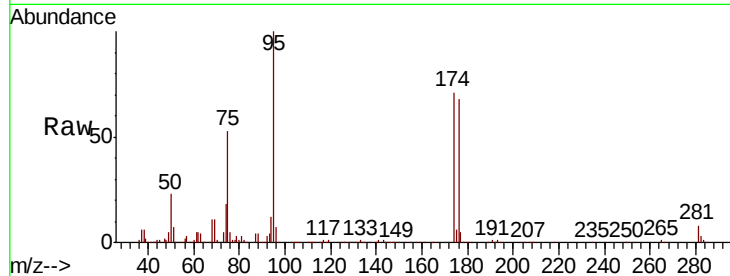
TP-3-B

Tot Ion: 75 Resp: 88161

Ion Ratio Lower Upper

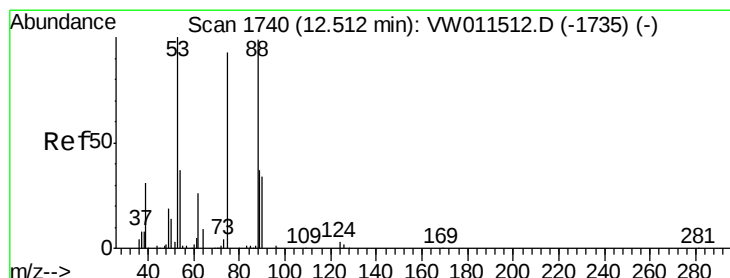
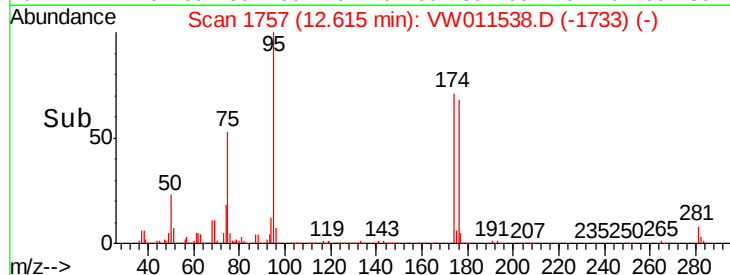
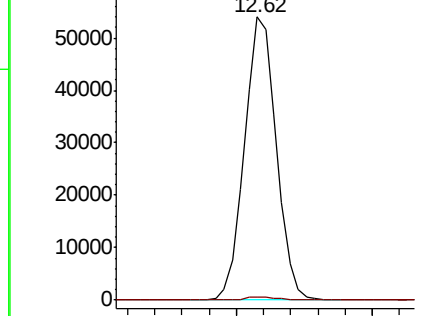
75 100

77 1.3 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: 136.616 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011538.D

Acq: 27 Jul 2019 00:53

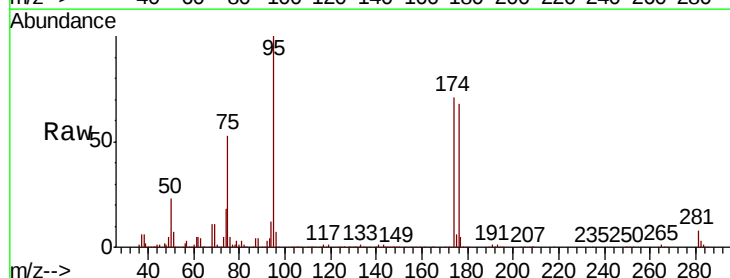
Tgt Ion: 75 Resp: 88161

Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

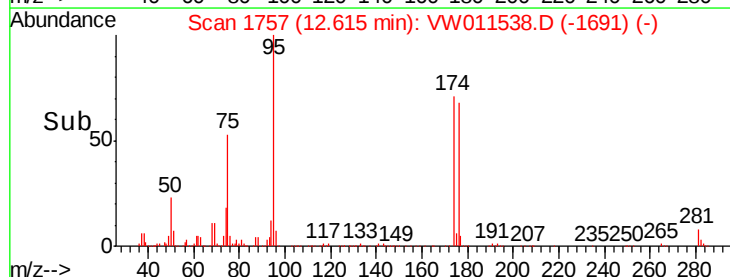
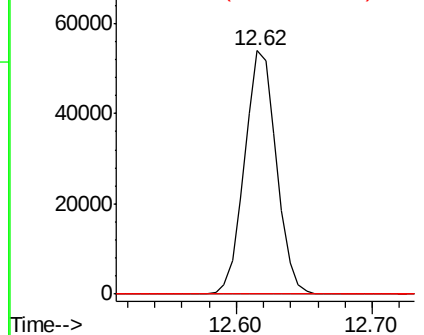
89 0.1 35.3 52.9#

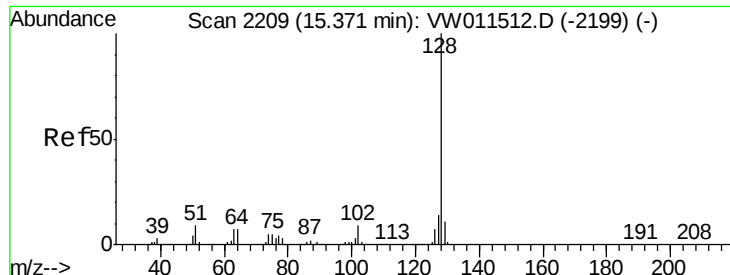


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 2.171 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011538.D

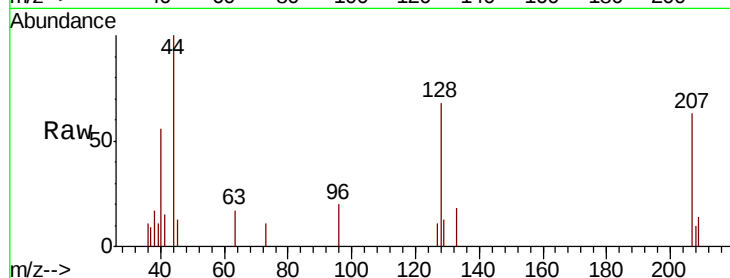
Acq: 27 Jul 2019 00:53

Instrument :

MSVOA_W

ClientSampleId :

TP-3-B



Tot Ion:	128	Resp:	610
Ion	Ratio	Lower	Upper
128	100		
127	8.4	10.6	16.0#
129	12.1	8.6	13.0

