

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010663.D
 Acq On : 03 Jun 2019 16:55
 Operator : SY/VA
 Sample : K3138-09
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 07:38:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115581	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	88242	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
35) Dibromofluoromethane	7.88	113	87859	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	10.32	98	355063	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.62	95	130145	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	

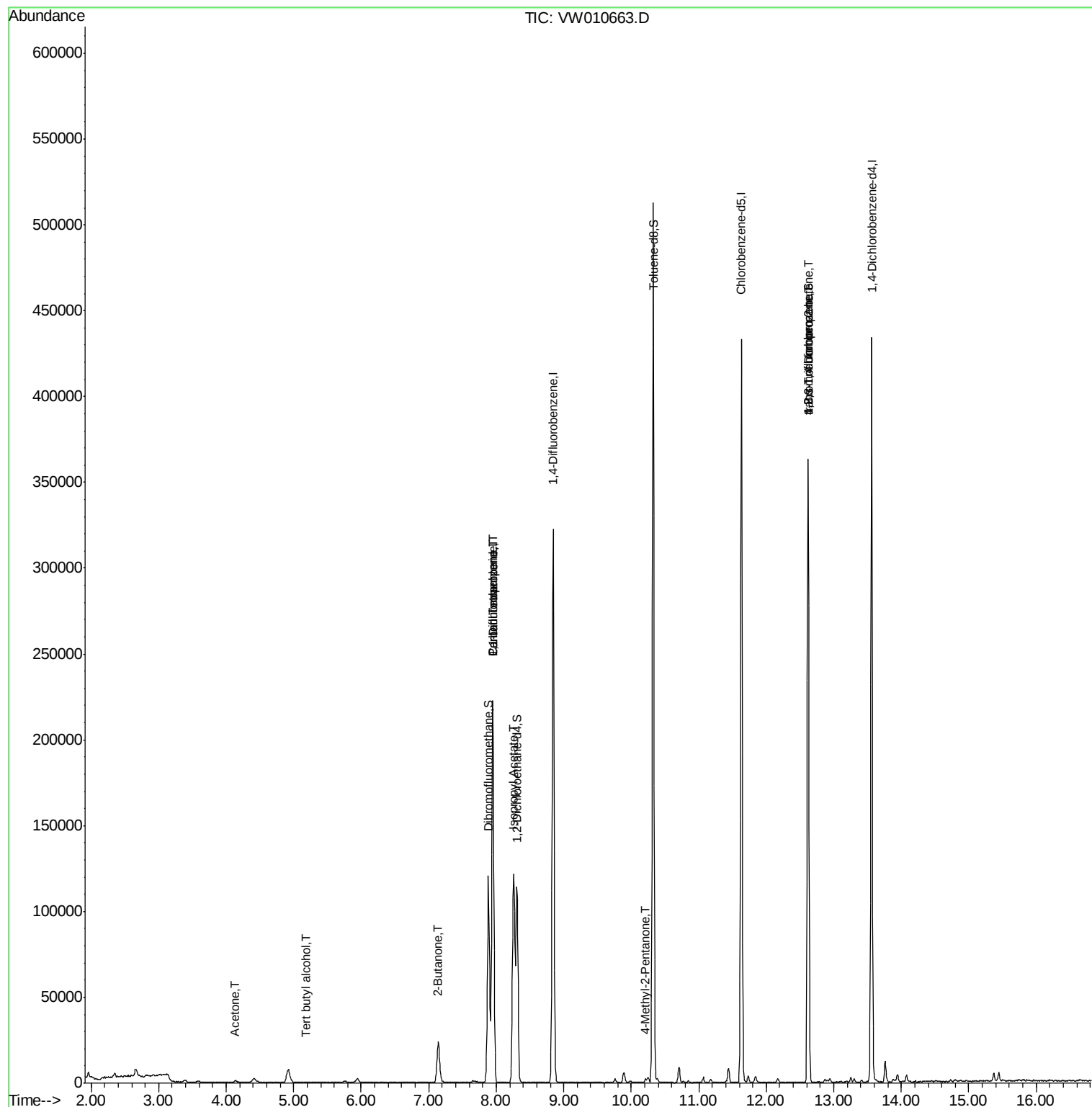
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	430	Below Cal		86
11) Tert butyl alcohol	5.18	59	375	2.335	ug/l #	71
16) Acetone	4.14	43	2112	5.794	ug/l	97
20) Methylene Chloride	4.92	84	6514	Below Cal	#	83
25) 2-Butanone	7.15	43	1243	2.383	ug/l #	70
36) 1,1-Dichloropropene	7.95	75	12584	4.573	ug/l #	47
38) Carbon Tetrachloride	7.95	117	17410	5.864	ug/l #	14
43) Isopropyl Acetate	8.26	43	2356	1.008	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	1738	1.467	ug/l #	85
76) 1,2,3-Trichloropropane	12.62	75	61092	52.072	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	61092	108.676	ug/l #	14

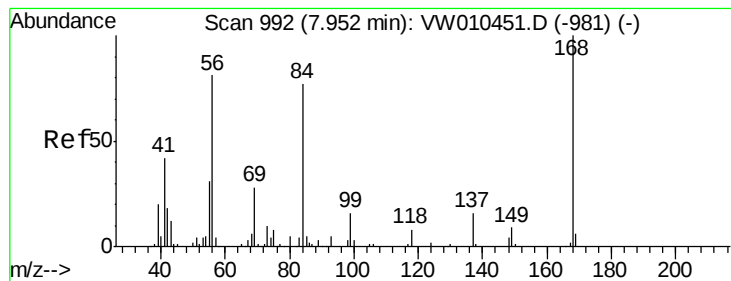
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060319\
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ClientSampleId :

Quant Time: Jun 04 07:38:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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: VW010663.D

Acq: 03 Jun 2019 16:55

Instrument :

MSVOA_W

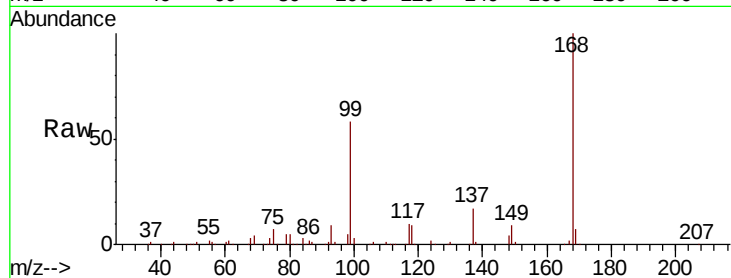
ClientSampled :

Tot Ion:168 Resp: 173012

Ion Ratio Lower Upper

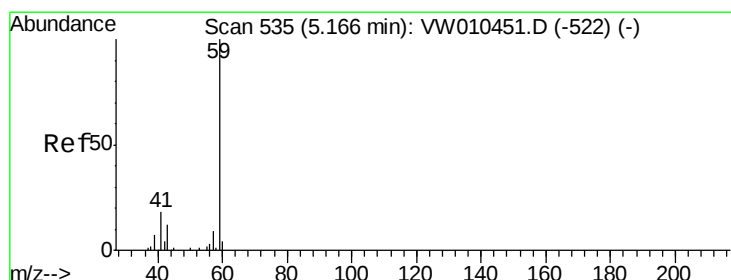
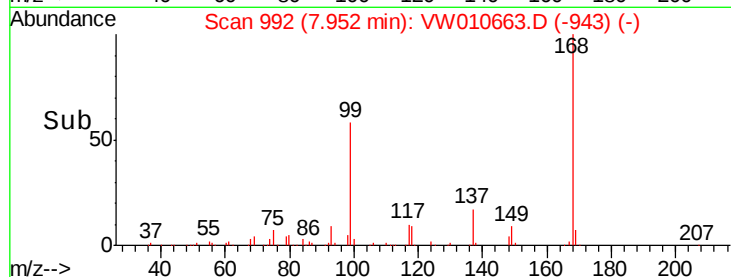
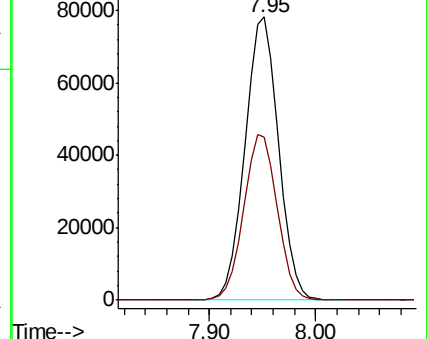
168 100

99 57.6 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.335 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW010663.D

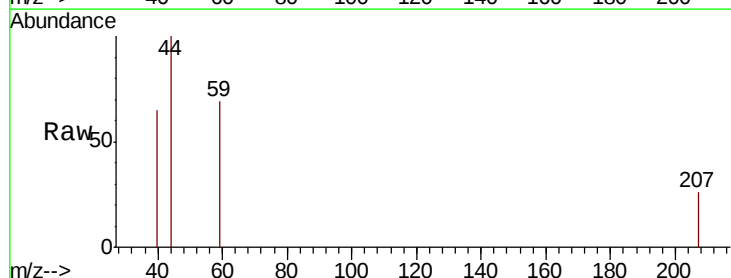
Acq: 03 Jun 2019 16:55

Tgt Ion: 59 Resp: 375

Ion Ratio Lower Upper

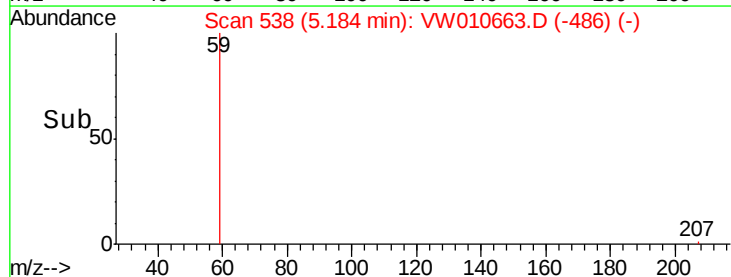
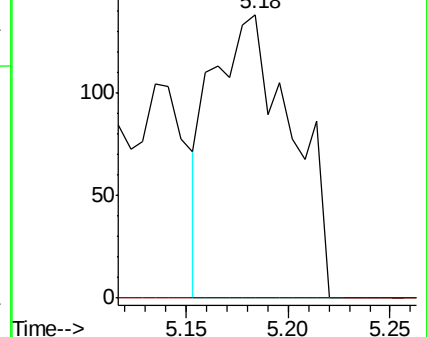
59 100

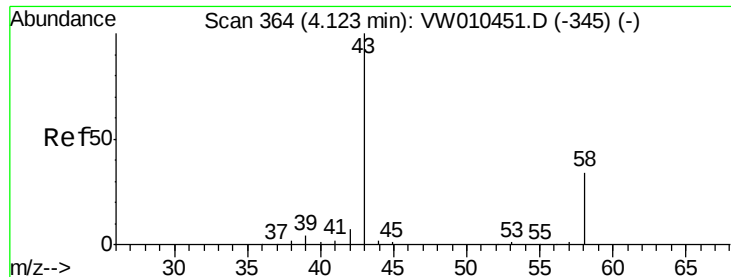
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

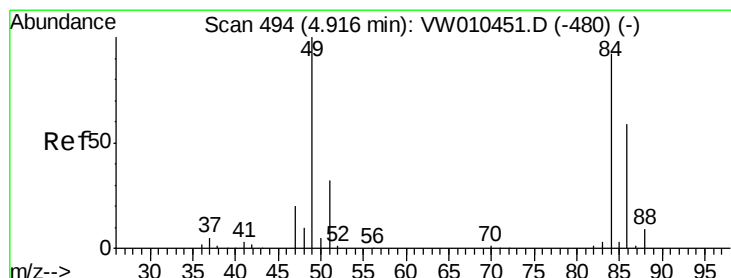
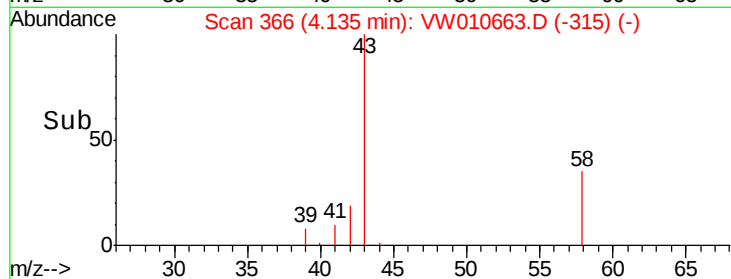
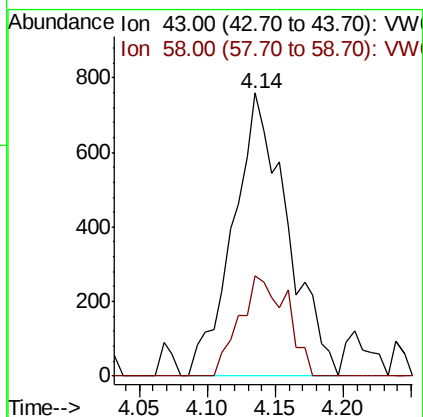
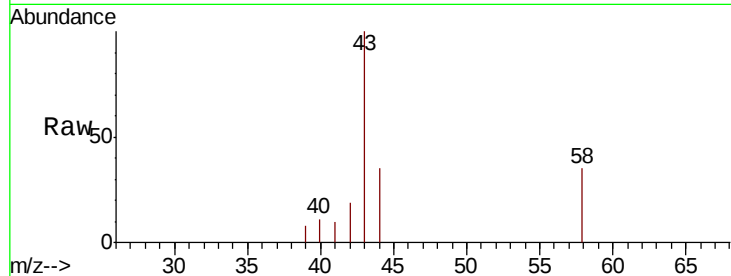




#16
Acetone
Concen: 5.794 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW010663.D
Acq: 03 Jun 2019 16:55

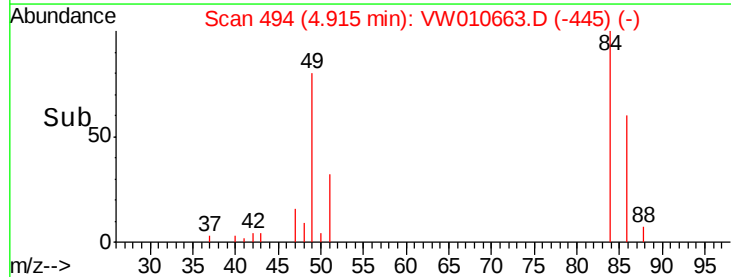
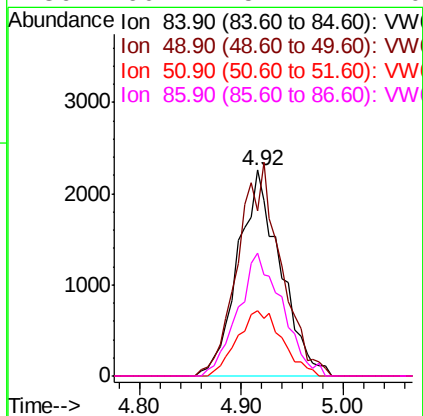
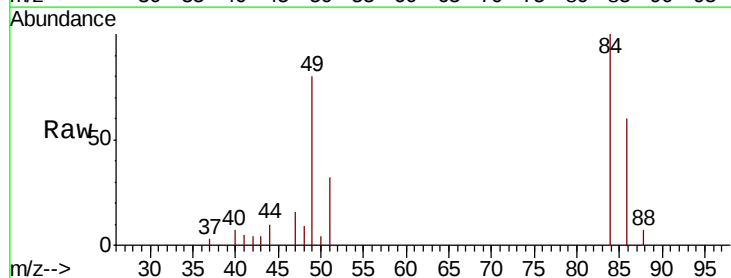
Instrument :
MSVOA_W
ClientSampleId :

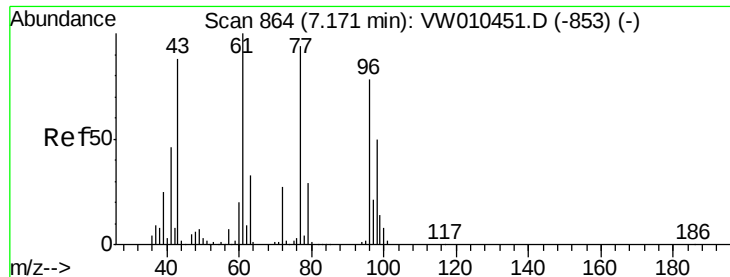
Tot Ion: 43 Resp: 2112
Ion Ratio Lower Upper
43 100
58 35.3 27.0 40.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010663.D
Acq: 03 Jun 2019 16:55

Tgt Ion: 84 Resp: 6514
Ion Ratio Lower Upper
84 100
49 80.2 87.2 130.8#
51 31.6 27.7 41.5
86 60.1 51.4 77.0





#25

2-Butanone

Concen: 2.383 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW010663.D

Acq: 03 Jun 2019 16:55

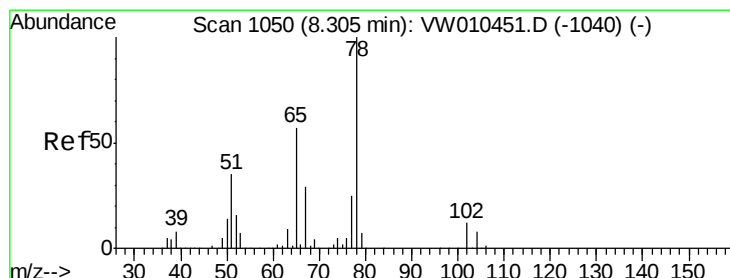
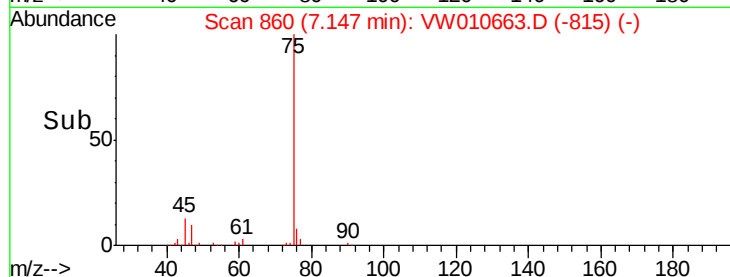
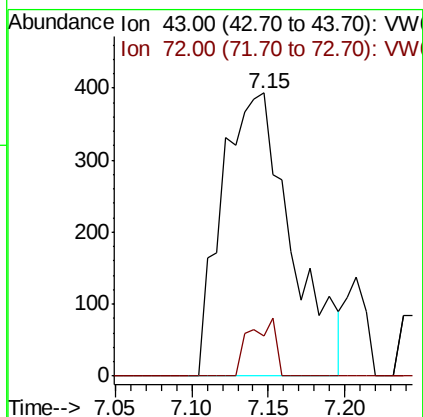
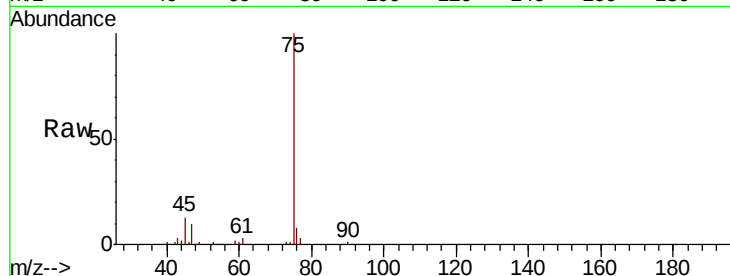
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

72 14.0 24.1 36.1#



#33

1,2-Dichloroethane-d4

Concen: 49.414 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010663.D

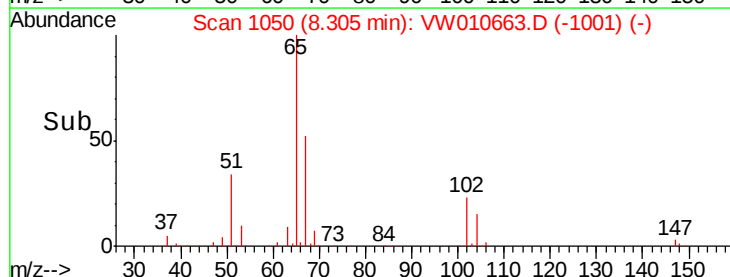
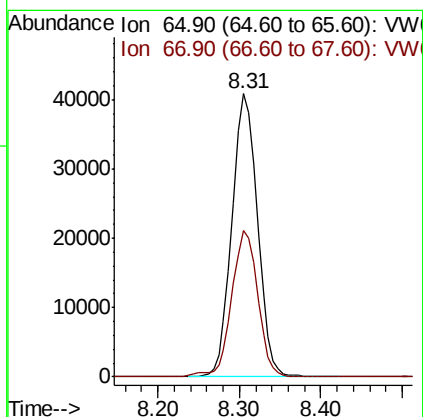
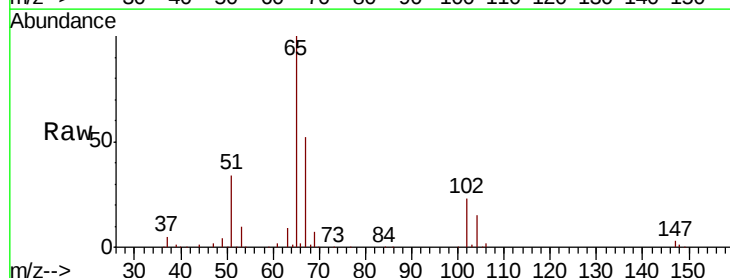
Acq: 03 Jun 2019 16:55

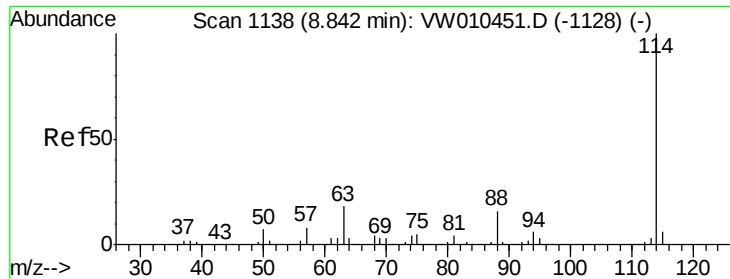
Tgt Ion: 65 Resp: 88242

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.6

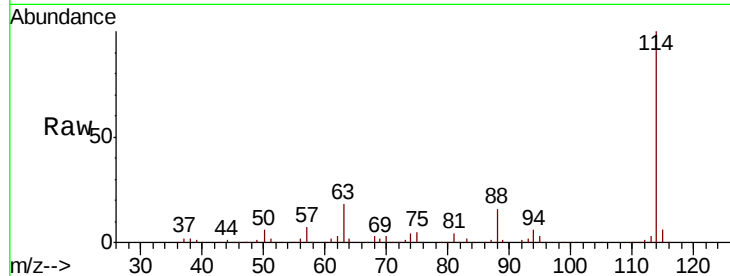




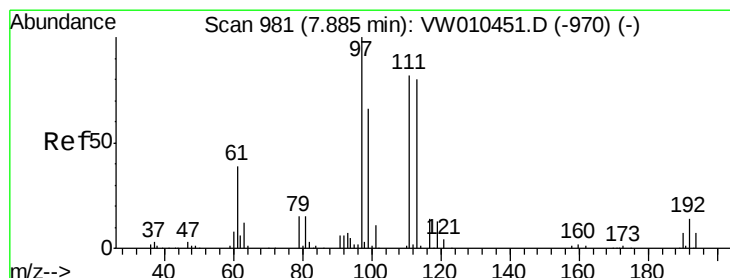
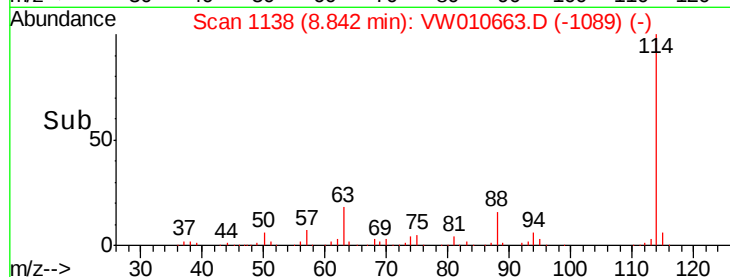
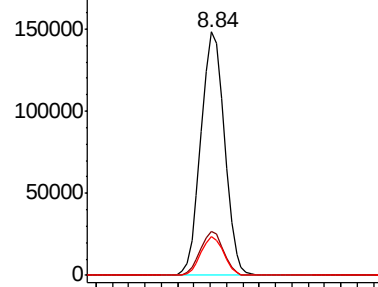
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010663.D
Acq: 03 Jun 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.0
88	16.0	0.0	32.0

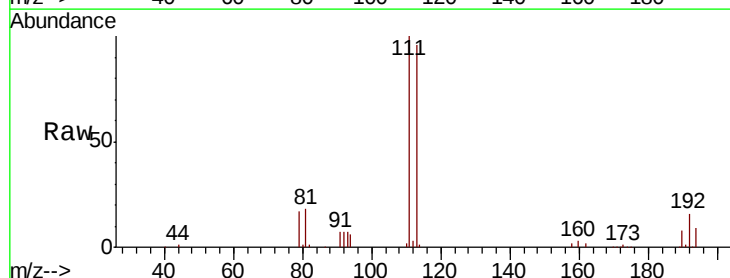


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

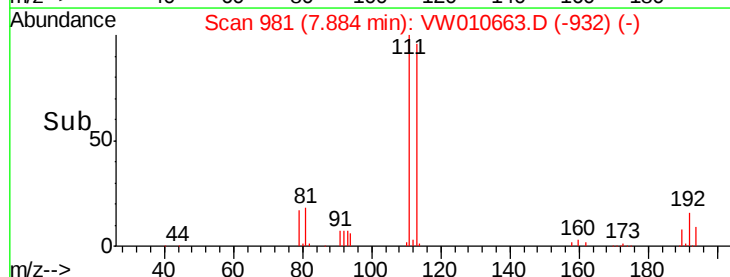
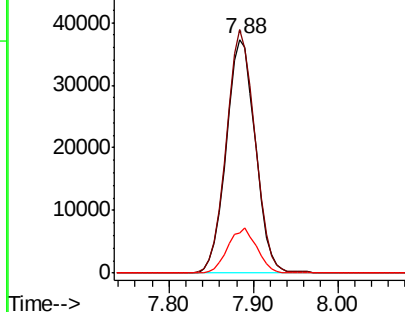


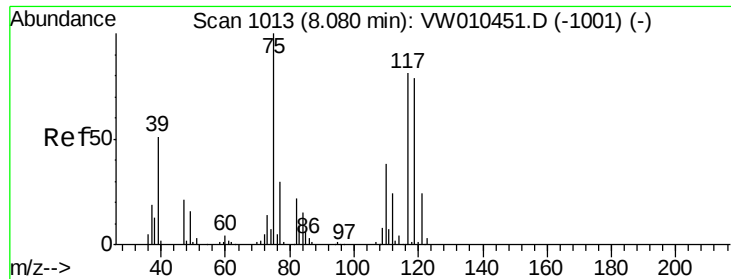
#35
Dibromofluoromethane
Concen: 49.013 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010663.D
Acq: 03 Jun 2019 16:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	19.0	14.3	21.5



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

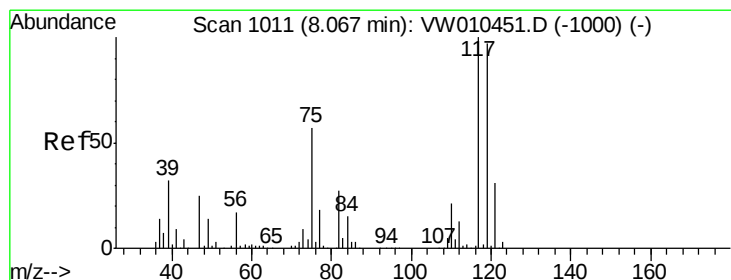
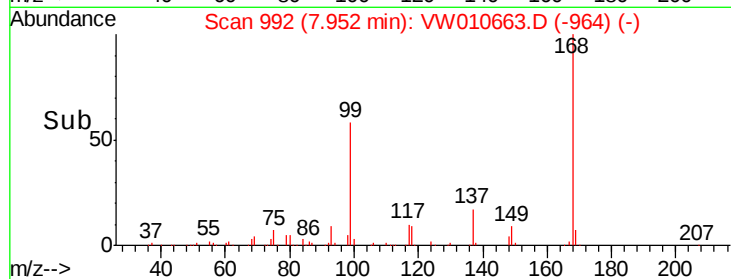
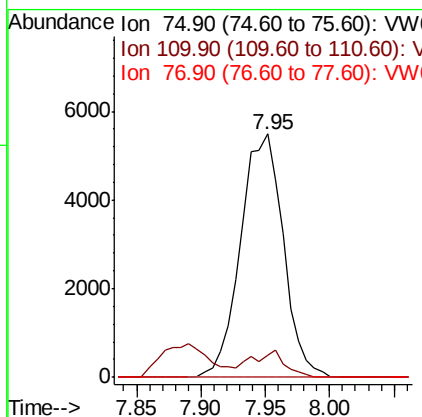
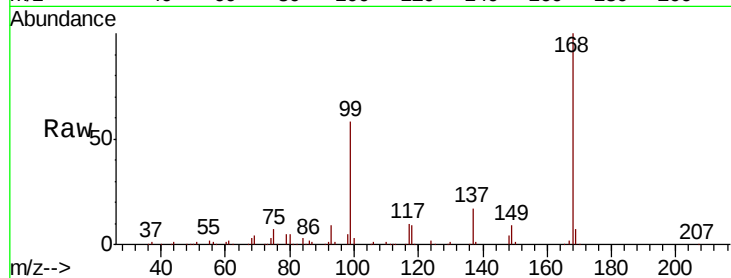




#36
 1,1-Dichloropropene
 Concen: 4.573 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010663.D
 Acq: 03 Jun 2019 16:55

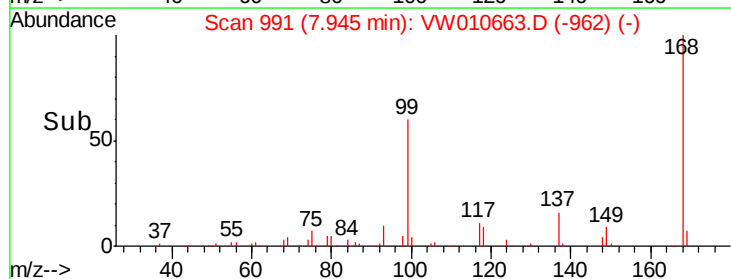
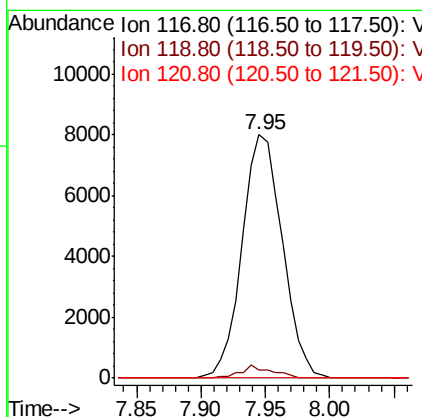
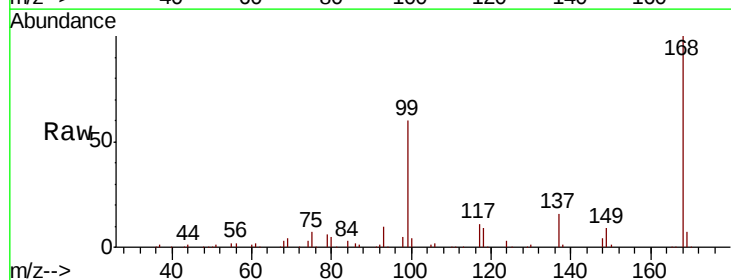
Instrument :
 MSVOA_W
 ClientSampleId :

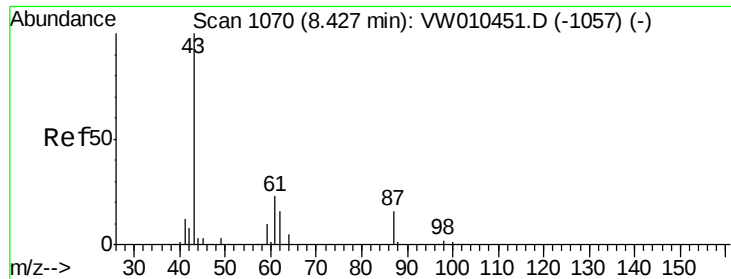
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.2	57.6#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.864 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010663.D
 Acq: 03 Jun 2019 16:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	77.4	116.0#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 1.008 ug/l

RT: 8.26 min Scan# 1042

Delta R.T. -0.17 min

Lab File: VW010663.D

Acq: 03 Jun 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

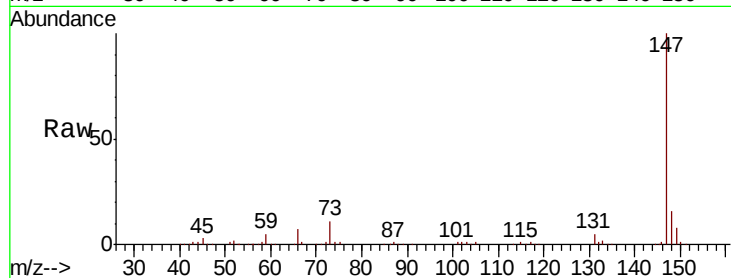
Tot Ion: 43 Resp: 2356

Ion Ratio Lower Upper

43 100

61 15.8 25.4 38.2#

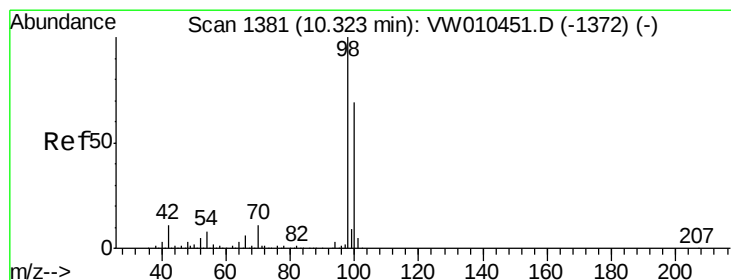
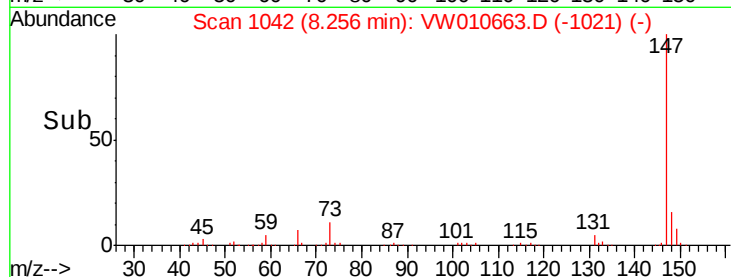
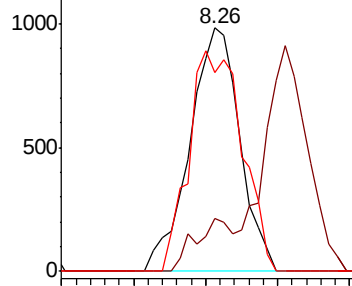
87 96.9 12.7 19.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#50

Toluene-d8

Concen: 51.849 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010663.D

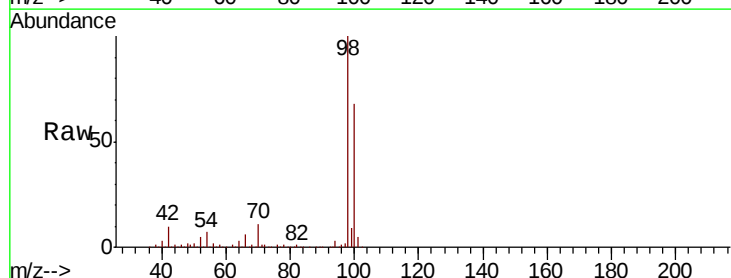
Acq: 03 Jun 2019 16:55

Tgt Ion: 98 Resp: 355063

Ion Ratio Lower Upper

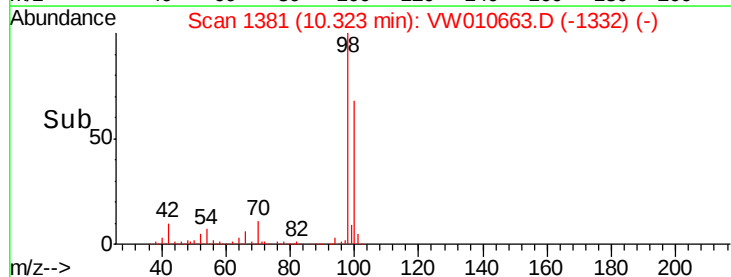
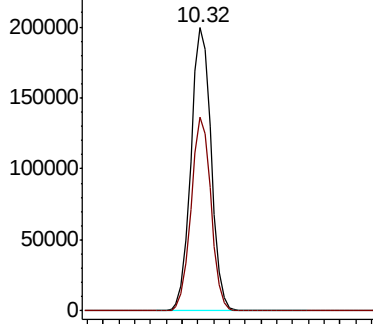
98 100

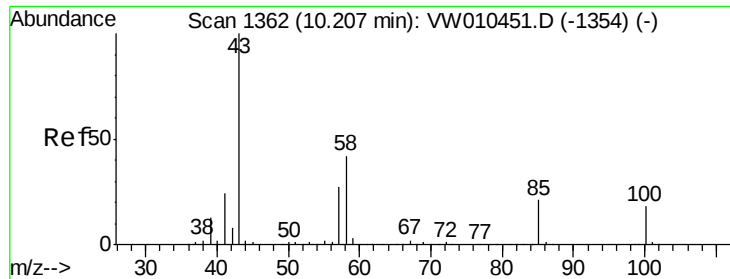
100 67.4 53.7 80.5



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: 1.467 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010663.D

Acq: 03 Jun 2019 16:55

Instrument :

MSVOA_W

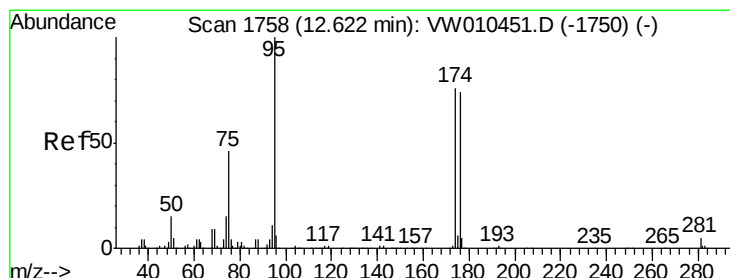
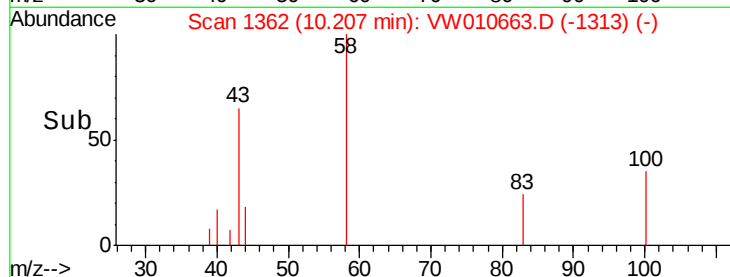
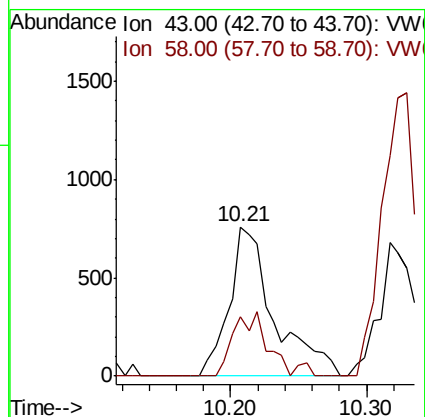
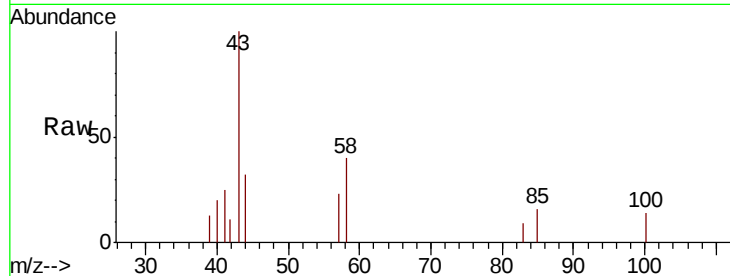
ClientSampleId :

Tot Ion: 43 Resp: 1738

Ion Ratio Lower Upper

43 100

58 31.9 33.2 49.8#



#62

4-Bromofluorobenzene

Concen: 47.713 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010663.D

Acq: 03 Jun 2019 16:55

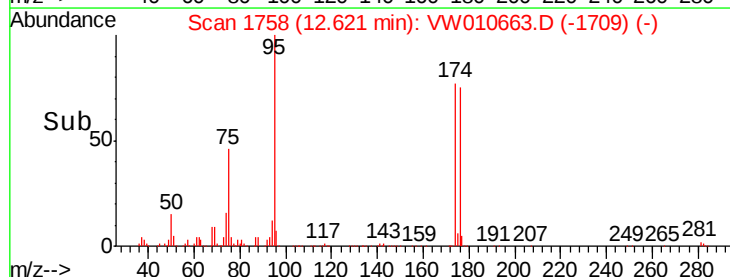
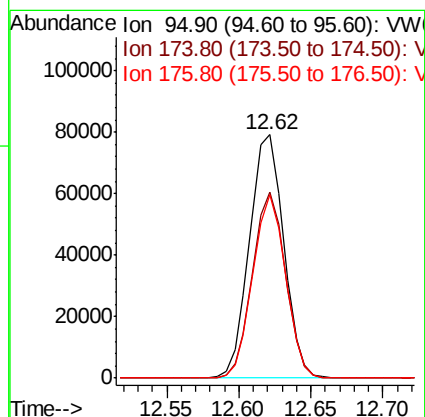
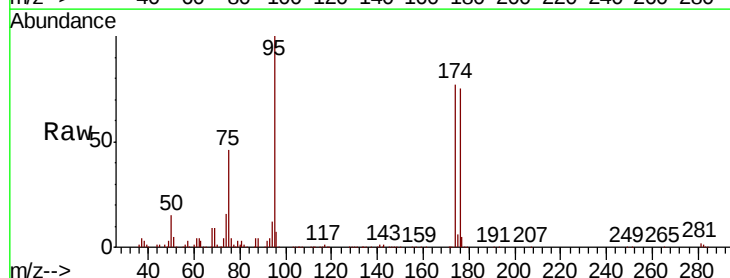
Tgt Ion: 95 Resp: 130145

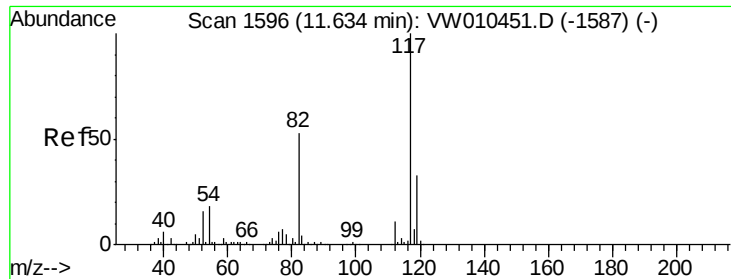
Ion Ratio Lower Upper

95 100

174 74.2 0.0 148.6

176 72.4 0.0 144.2

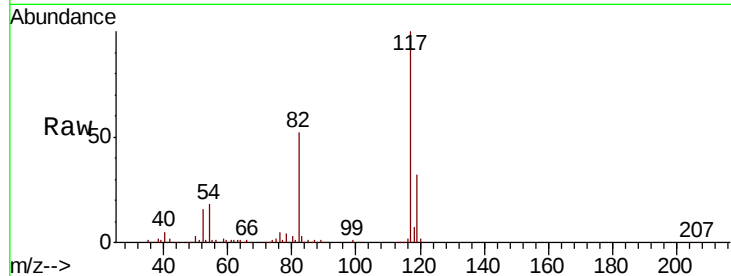




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010663.D
Acq: 03 Jun 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.8	64.2
119	32.2	26.3	39.5

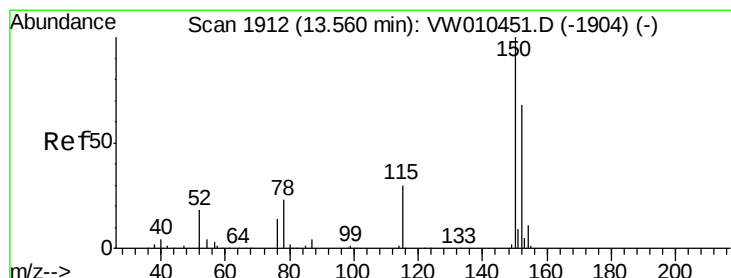
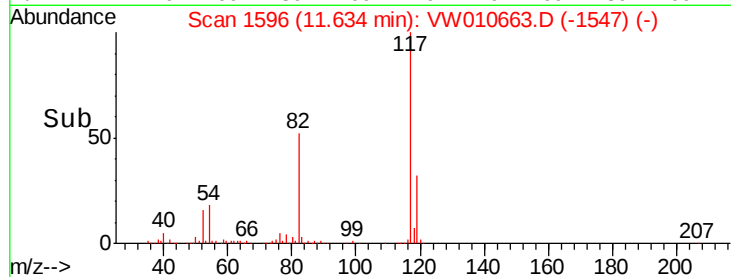
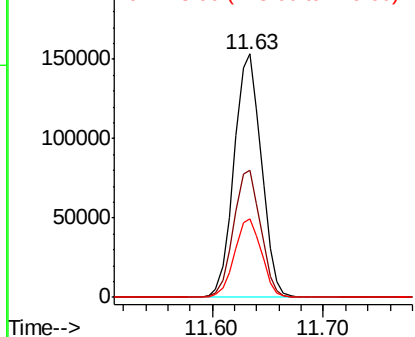


Abundance

Ion 116.90 (116.60 to 117.60): V

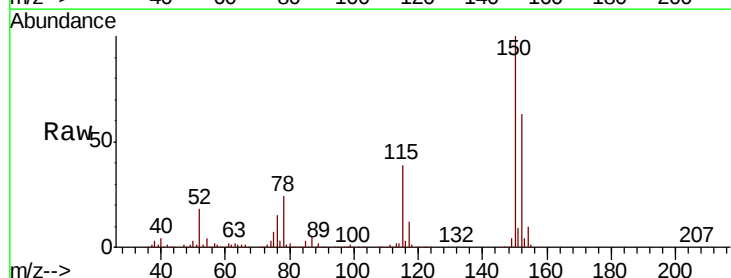
Ion 82.00 (81.70 to 82.70): V

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: VW010663.D
Acq: 03 Jun 2019 16:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.3	91.0
150	159.2	0.0	349.8

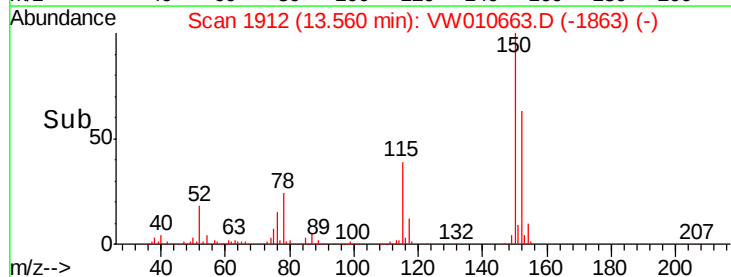
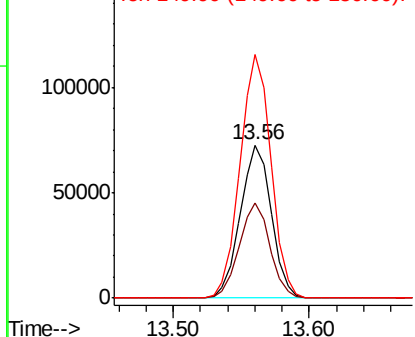


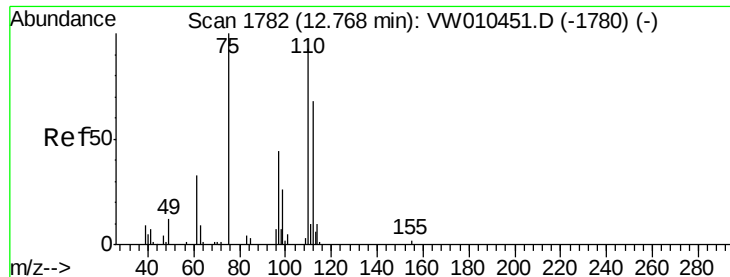
Abundance

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: 52.072 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010663.D

Acq: 03 Jun 2019 16:55

Instrument :

MSVOA_W

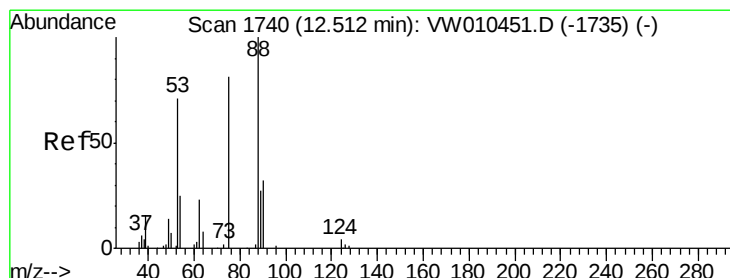
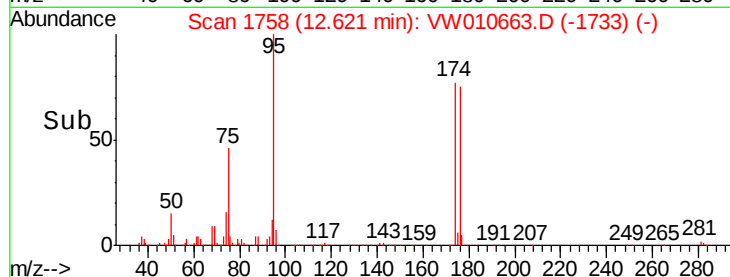
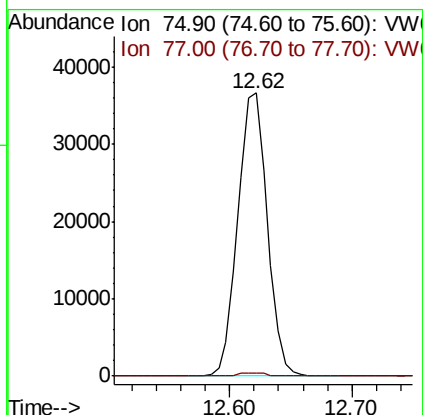
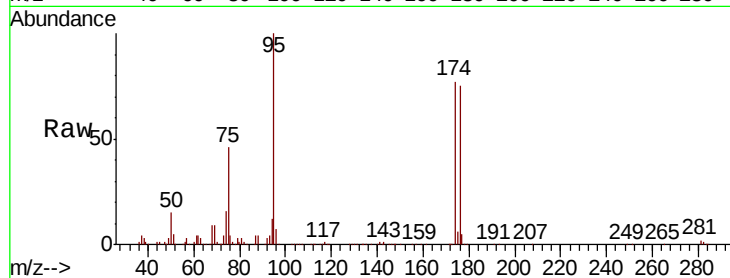
ClientSampleId :

Tot Ion: 75 Resp: 61092

Ion Ratio Lower Upper

75 100

77 1.1 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.676 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010663.D

Acq: 03 Jun 2019 16:55

Tgt Ion: 75 Resp: 61092

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

