

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010899.D
 Acq On : 20 Jun 2019 18:31
 Operator : SY/VA
 Sample : K3447-03
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:48:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	390651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133545	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	148768	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
35) Dibromofluoromethane	7.88	113	111678	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
50) Toluene-d8	10.32	98	482686	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.62	95	157655	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

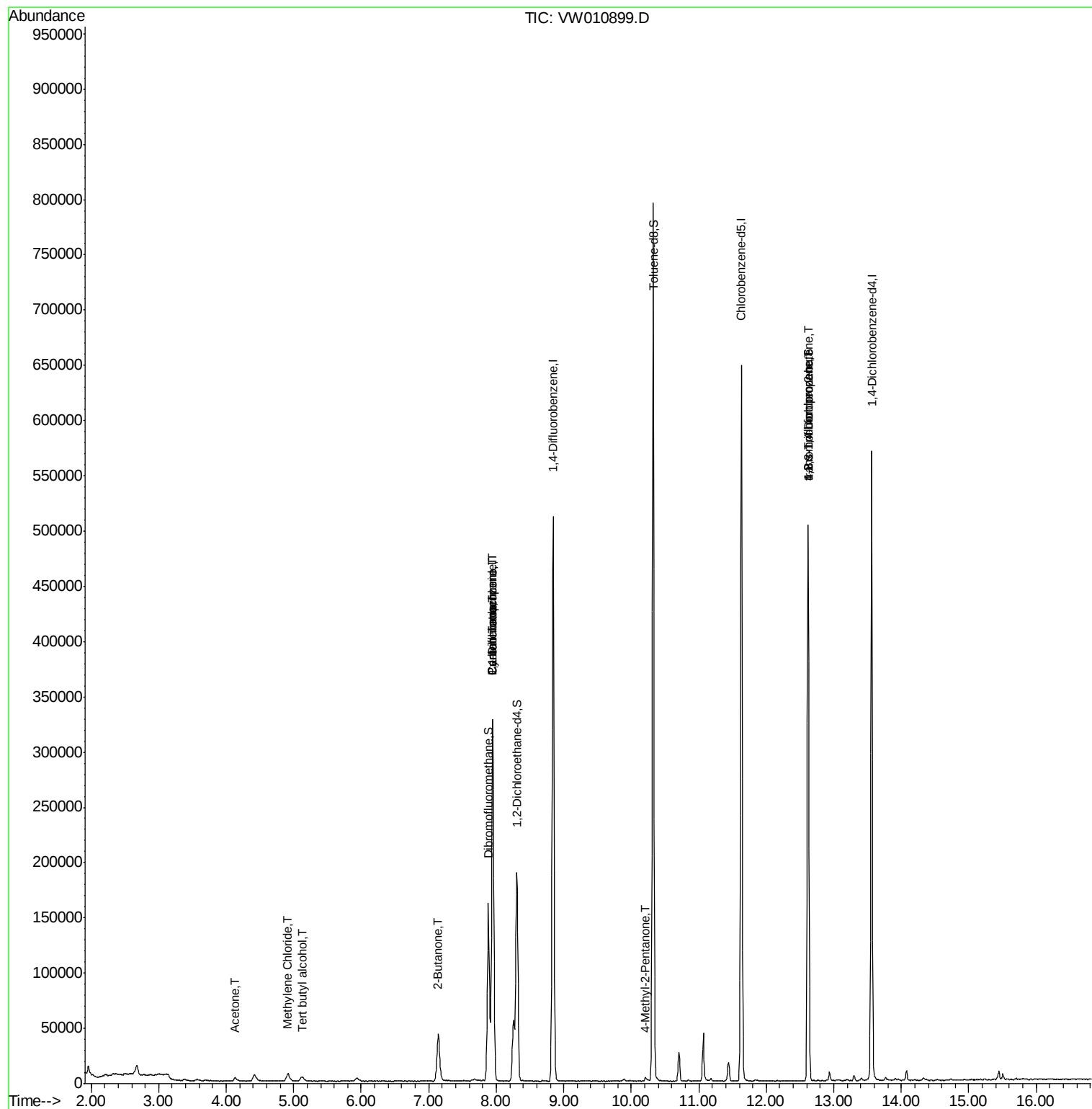
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	3962	17.300	ug/l #	72
16) Acetone	4.14	43	6150	8.165	ug/l	98
20) Methylene Chloride	4.91	84	4530	1.714	ug/l #	94
25) 2-Butanone	7.13	43	3511	3.361	ug/l #	83
31) Cyclohexane	7.95	56	6494	1.145	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	21520	5.382	ug/l #	52
38) Carbon Tetrachloride	7.95	117	23794	6.893	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	2846	1.301	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	87213	62.188	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87213	142.929	ug/l #	5

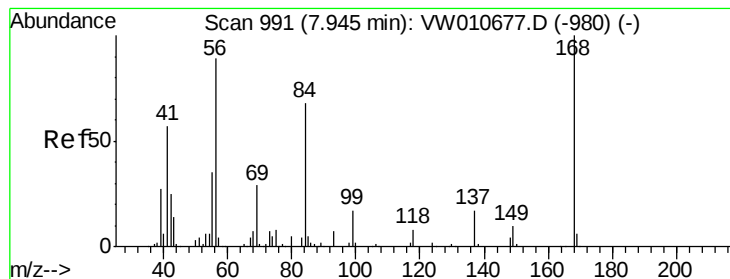
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062019\
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Quant Time: Jun 21 07:48:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010899.D

Acq: 20 Jun 2019 18:31

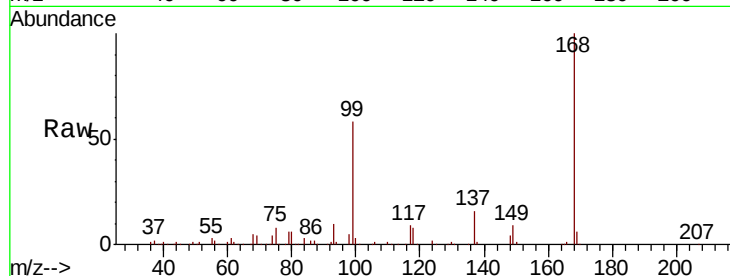
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 238502

Ion Ratio Lower Upper

168 100

99 58.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

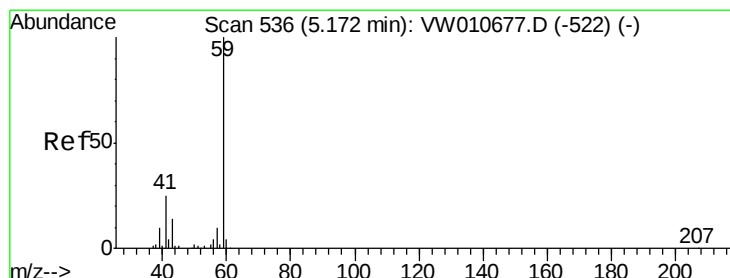
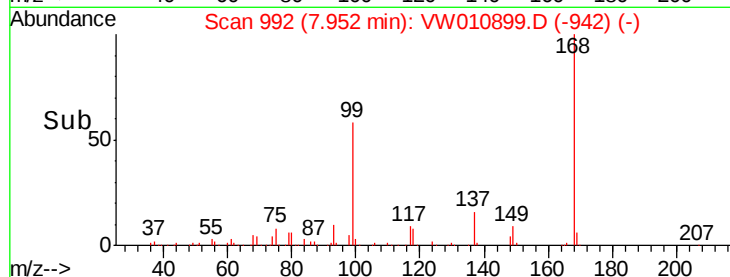
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 17.300 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW010899.D

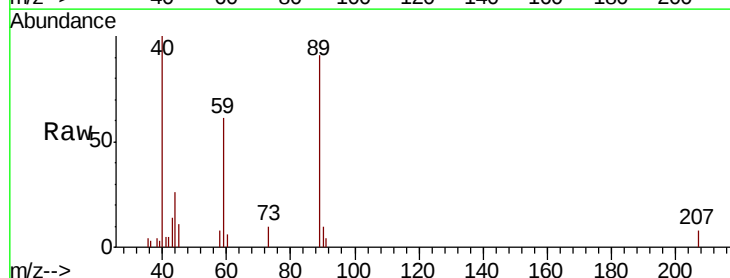
Acq: 20 Jun 2019 18:31

Tgt Ion: 59 Resp: 3962

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

1200

1000

800

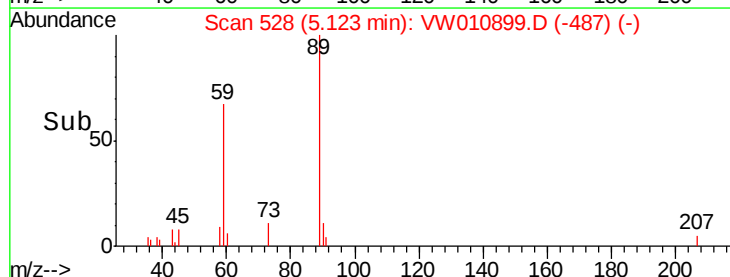
600

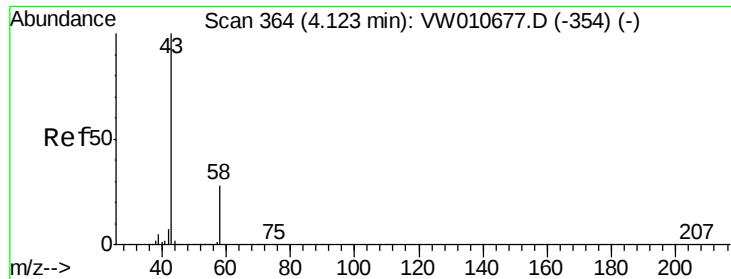
400

200

0

Time--> 5.00 5.10 5.20

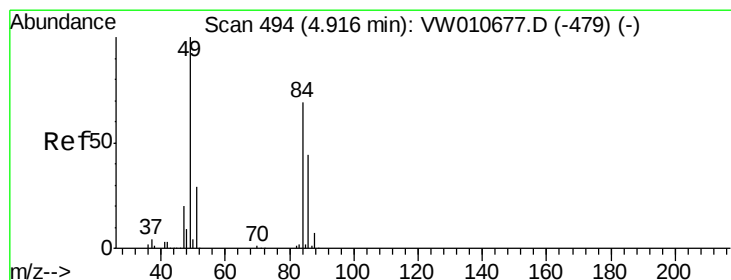
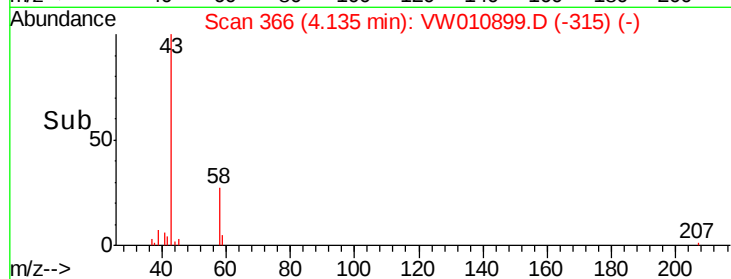
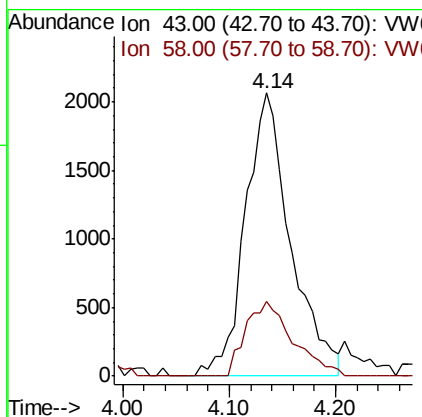
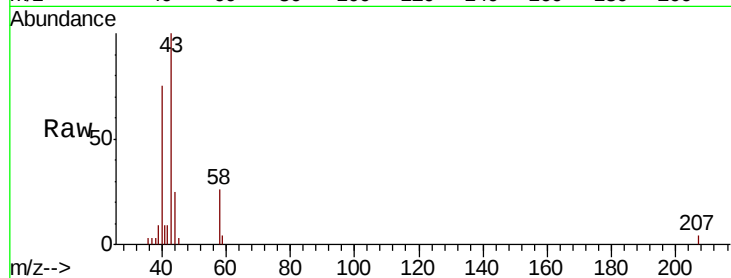




#16
Acetone
Concen: 8.165 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW010899.D
Acq: 20 Jun 2019 18:31

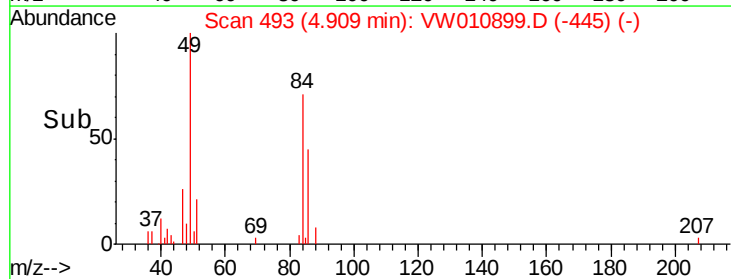
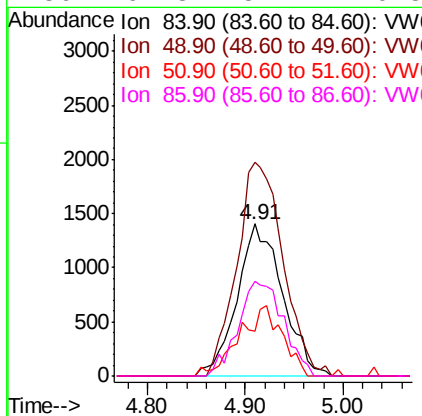
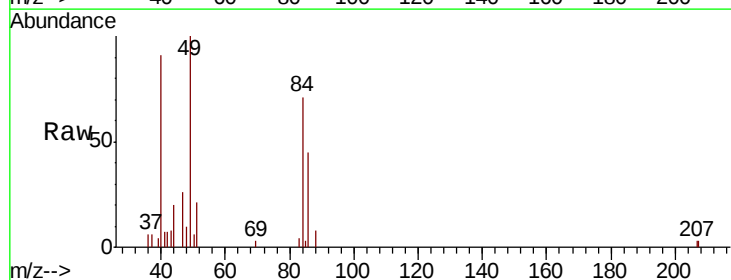
Instrument :
MSVOA_W
ClientSampled :

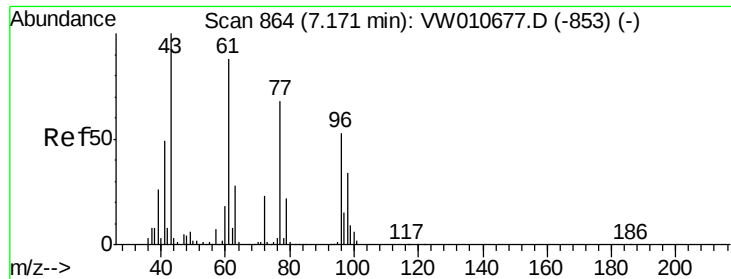
Tot Ion: 43 Resp: 6150
Ion Ratio Lower Upper
43 100
58 26.3 22.1 33.1



#20
Methylene Chloride
Concen: 1.714 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010899.D
Acq: 20 Jun 2019 18:31

Tgt Ion: 84 Resp: 4530
Ion Ratio Lower Upper
84 100
49 140.6 116.7 175.1
51 29.7 34.2 51.2#
86 62.8 51.2 76.8





#25

2-Butanone

Concen: 3.361 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW010899.D

Acq: 20 Jun 2019 18:31

Instrument :

MSVOA_W

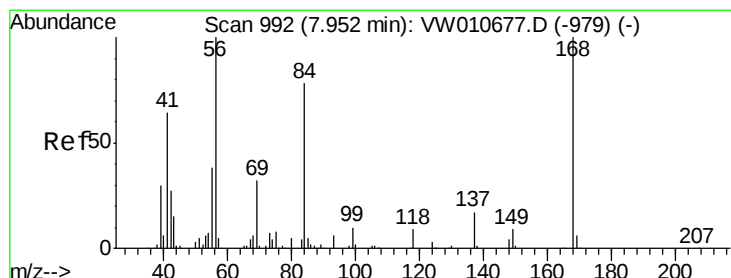
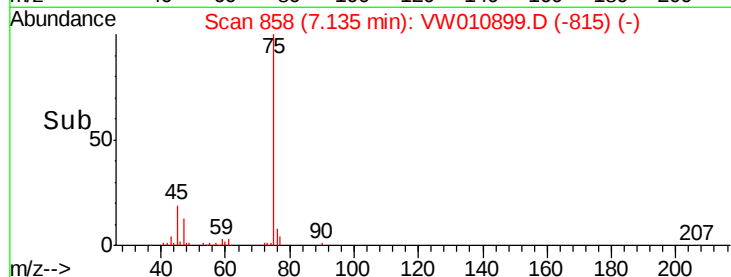
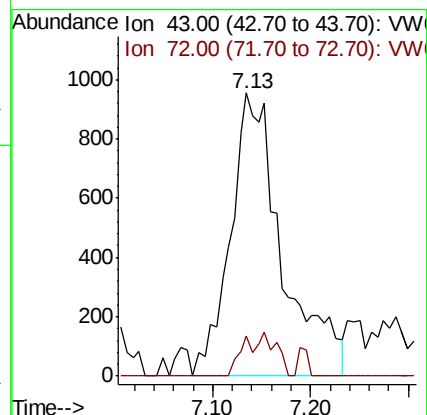
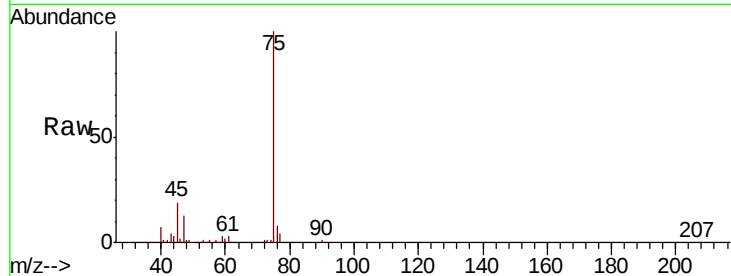
ClientSampled :

Tot Ion: 43 Resp: 3511

Ion Ratio Lower Upper

43 100

72 14.3 18.1 27.1#



#31

Cyclohexane

Concen: 1.145 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010899.D

Acq: 20 Jun 2019 18:31

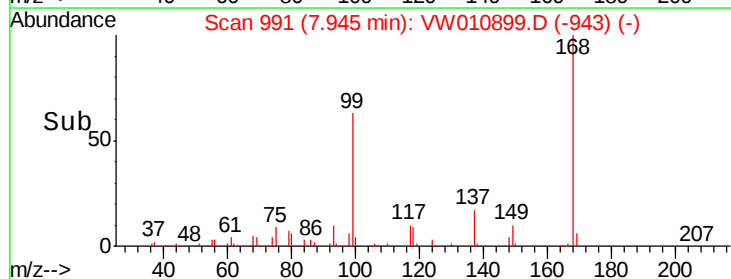
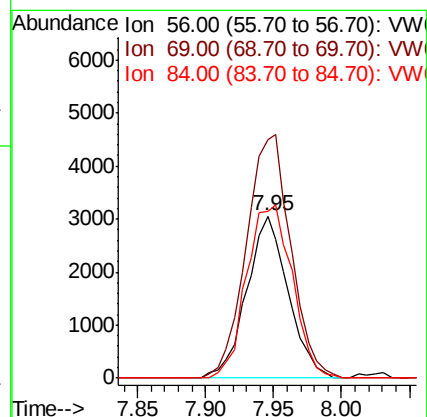
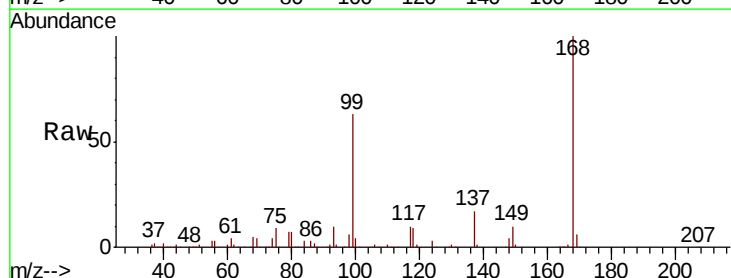
Tgt Ion: 56 Resp: 6494

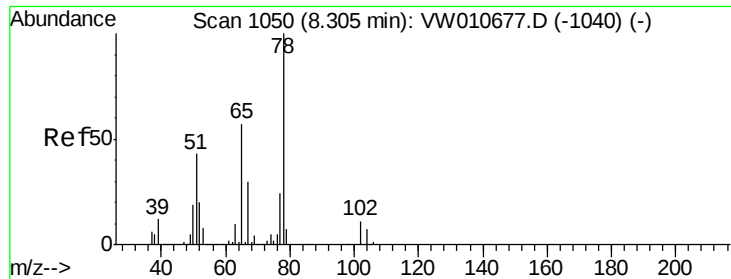
Ion Ratio Lower Upper

56 100

69 147.3 25.2 37.8#

84 102.8 62.2 93.2#

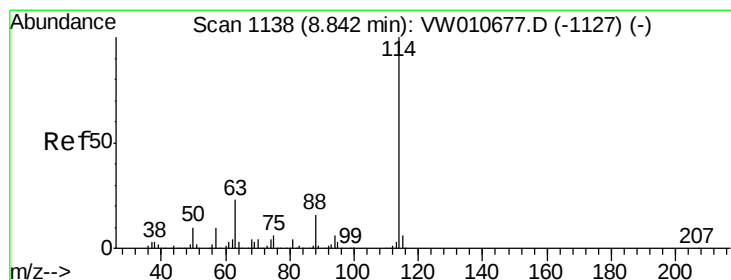
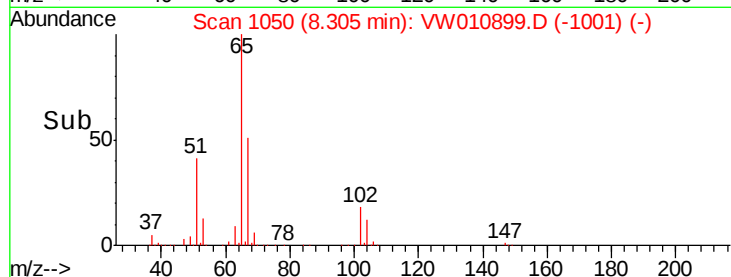
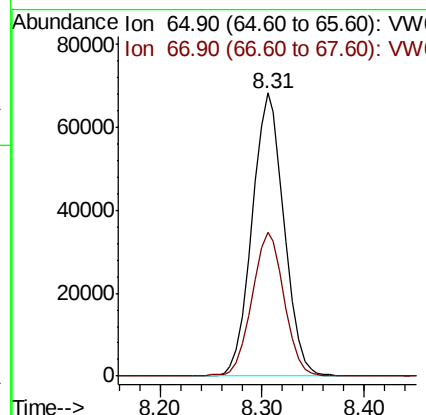
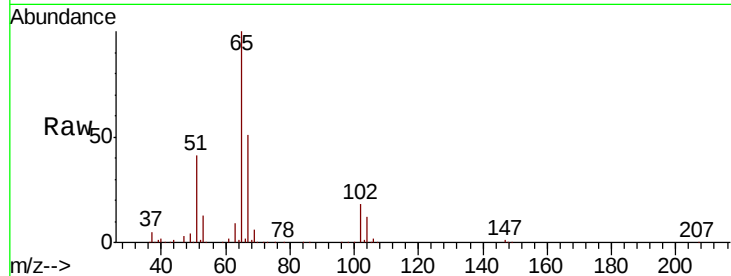




#33
 1,2-Dichloroethane-d4
 Concen: 52.921 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010899.D
 Acq: 20 Jun 2019 18:31

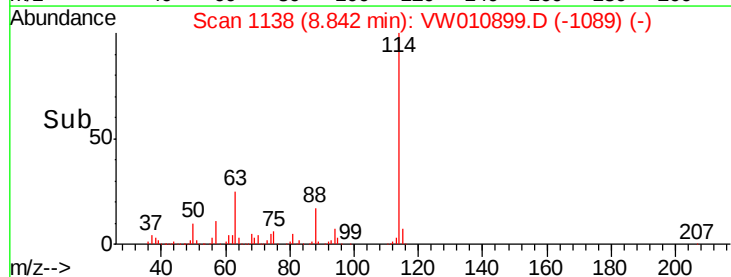
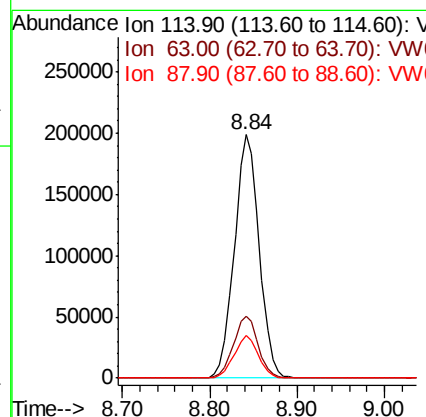
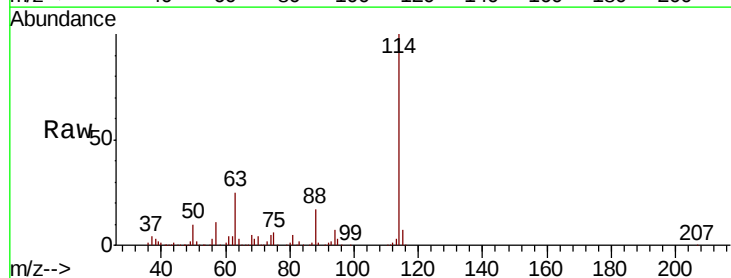
Instrument :
 MSVOA_W
 ClientSampleId :

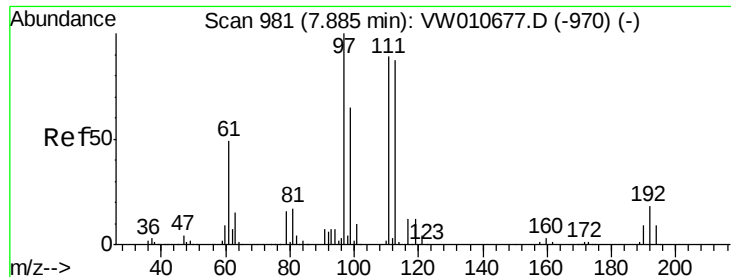
Tot Ion: 65 Resp: 148768
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010899.D
 Acq: 20 Jun 2019 18:31

Tgt Ion: 114 Resp: 390651
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 46.4
 88 17.4 0.0 32.2

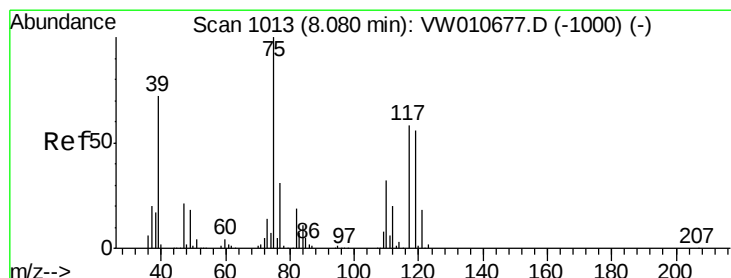
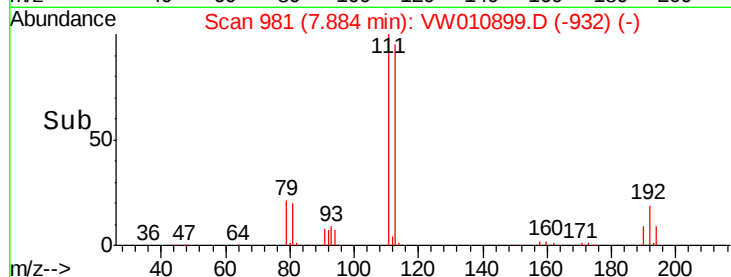
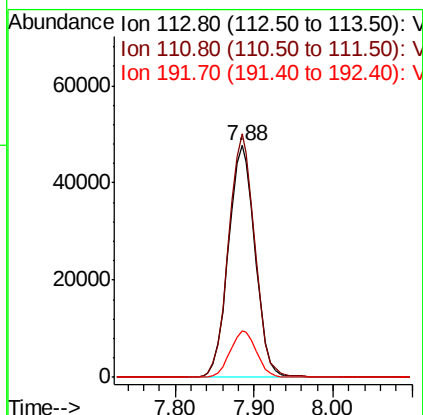
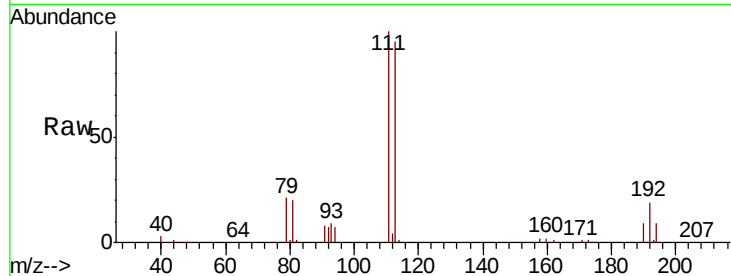




#35
Dibromofluoromethane
Concen: 52.669 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010899.D
Acq: 20 Jun 2019 18:31

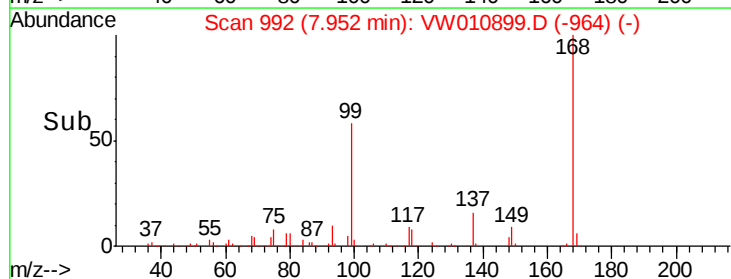
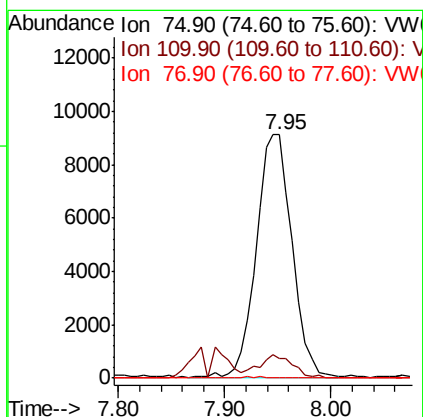
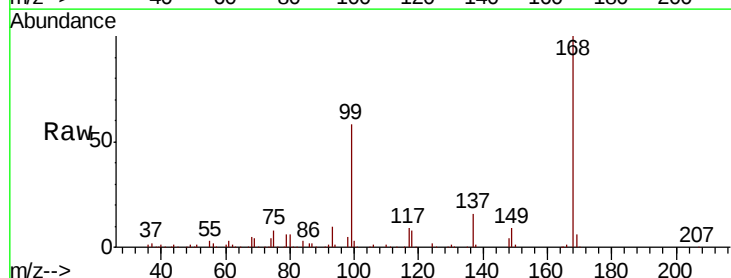
Instrument :
MSVOA_W
ClientSampleId :

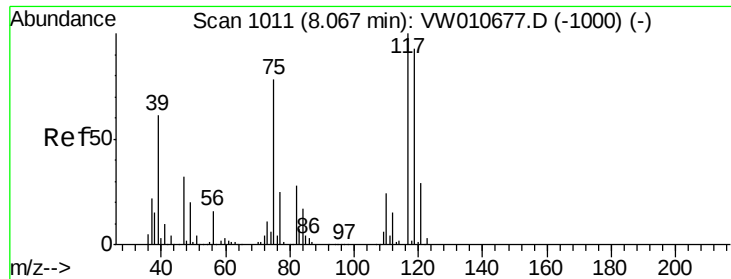
Tot Ion:113 Resp: 111678
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.8 16.4 24.6



#36
1,1-Dichloropropene
Concen: 5.382 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW010899.D
Acq: 20 Jun 2019 18:31

Tgt Ion: 75 Resp: 21520
Ion Ratio Lower Upper
75 100
110 8.9 15.8 47.3#
77 0.0 24.7 37.1#

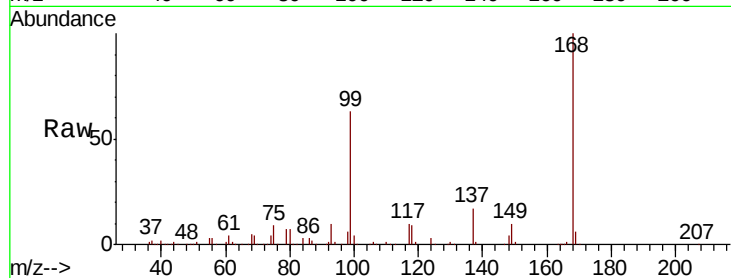




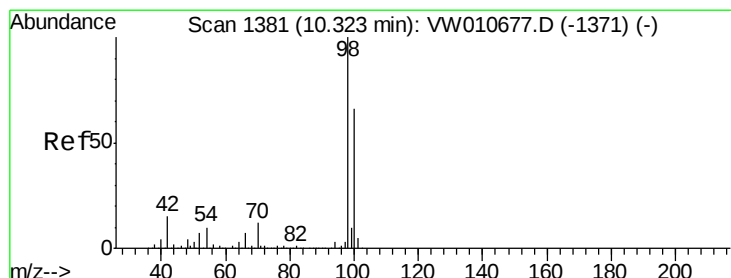
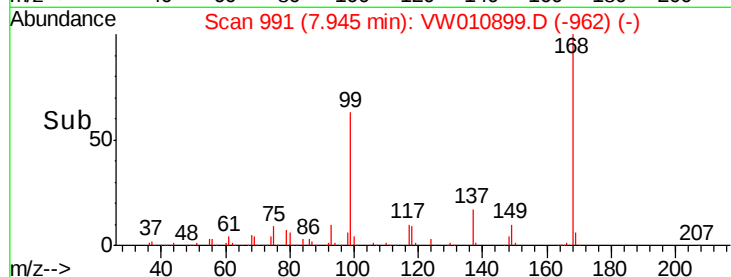
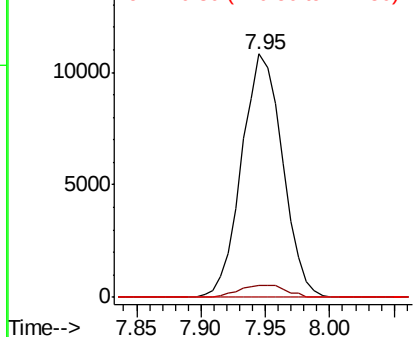
#38
Carbon Tetrachloride
Concen: 6.893 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010899.D
Acq: 20 Jun 2019 18:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 23794
Ion Ratio Lower Upper
117 100
119 5.1 74.2 111.4#
121 0.0 22.9 34.3#

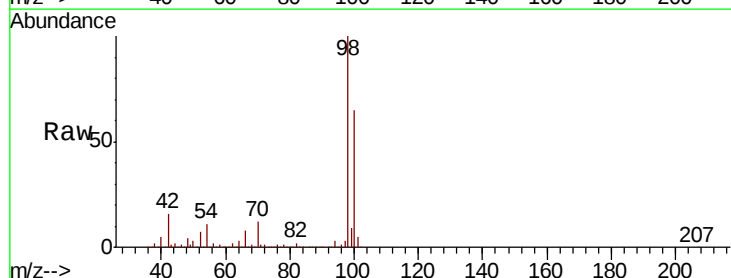


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

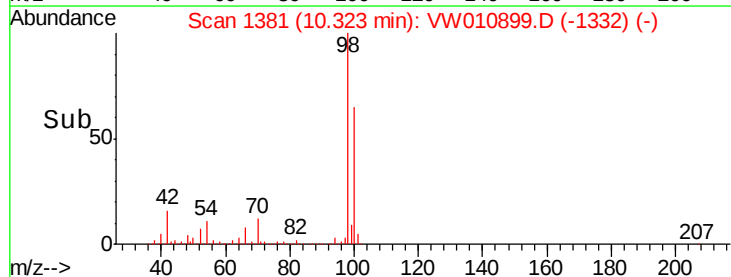
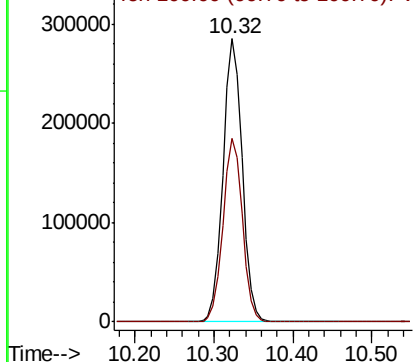


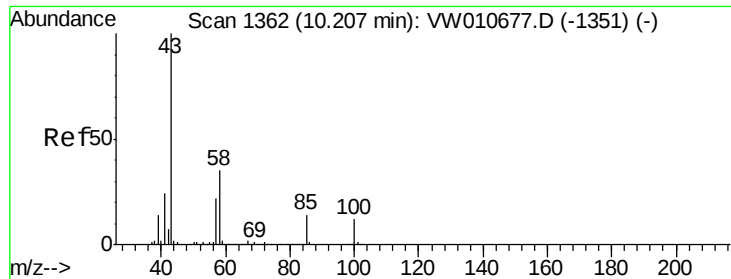
#50
Toluene-d8
Concen: 51.912 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010899.D
Acq: 20 Jun 2019 18:31

Tgt Ion: 98 Resp: 482686
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 1.301 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010899.D

Acq: 20 Jun 2019 18:31

Instrument :

MSVOA_W

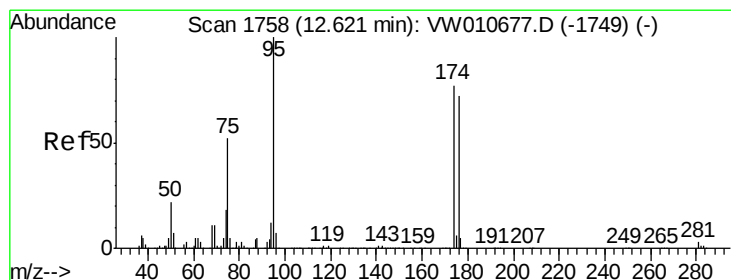
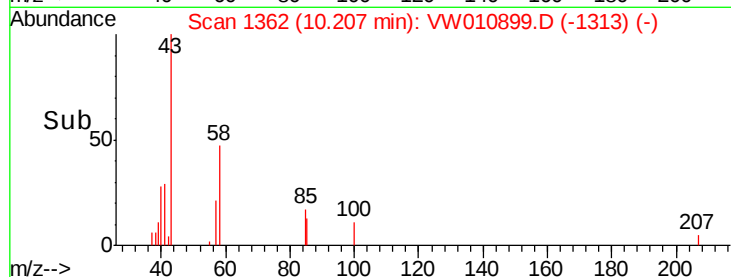
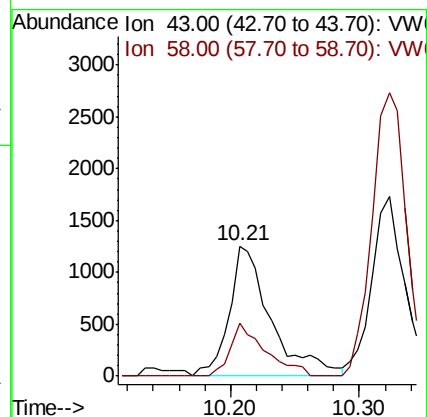
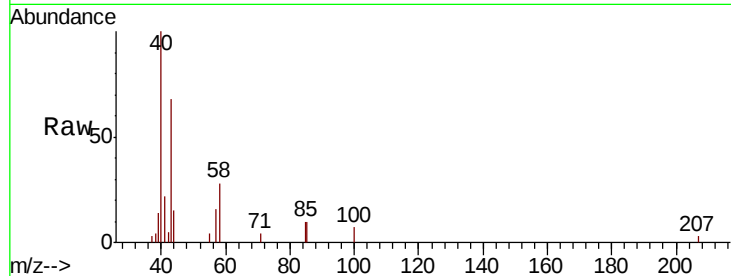
ClientSampleId :

Tot Ion: 43 Resp: 2846

Ion Ratio Lower Upper

43 100

58 34.2 28.4 42.6



#62

4-Bromofluorobenzene

Concen: 46.596 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010899.D

Acq: 20 Jun 2019 18:31

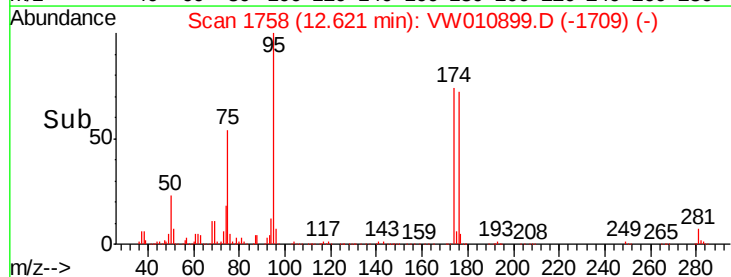
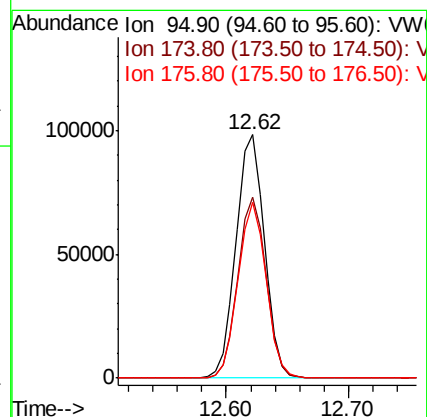
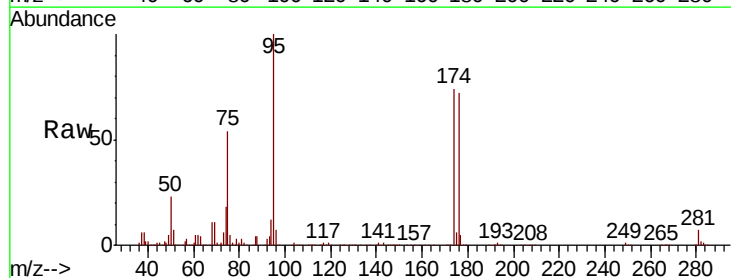
Tgt Ion: 95 Resp: 157655

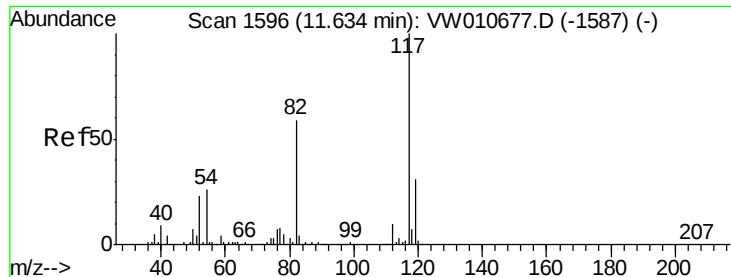
Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.4

176 71.3 0.0 144.8

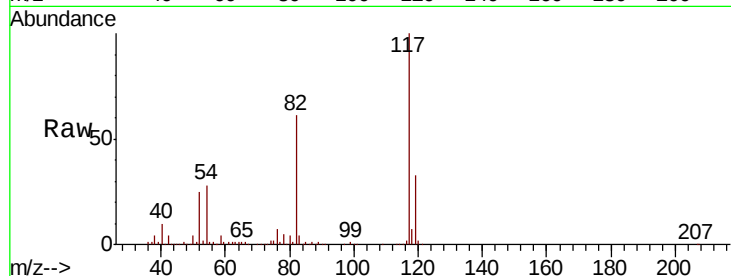




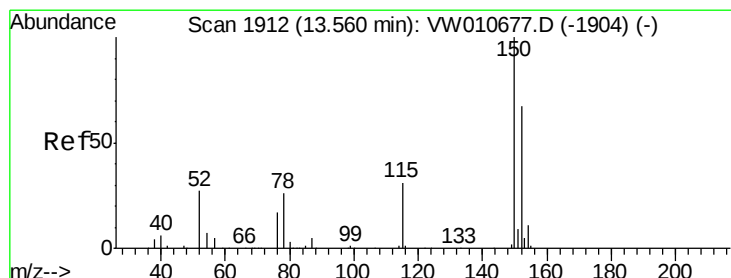
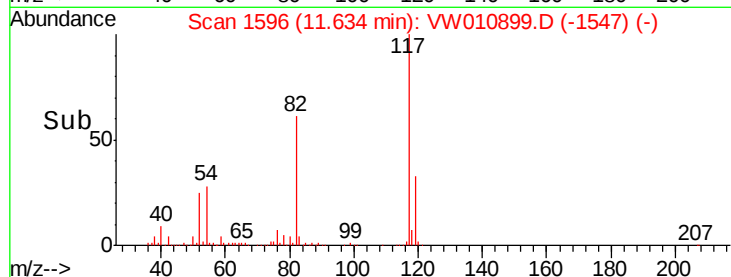
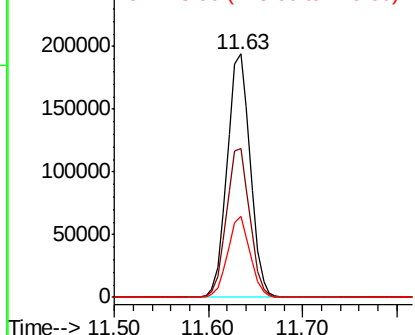
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010899.D
Acq: 20 Jun 2019 18:31

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 330642
Ion Ratio Lower Upper
117 100
82 61.1 47.0 70.4
119 33.0 25.1 37.7

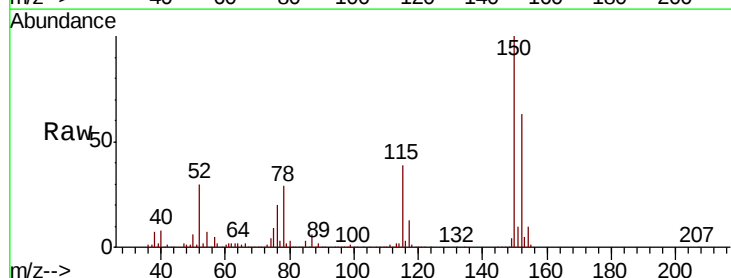


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

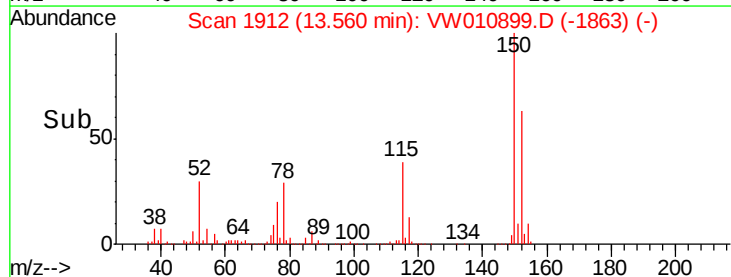
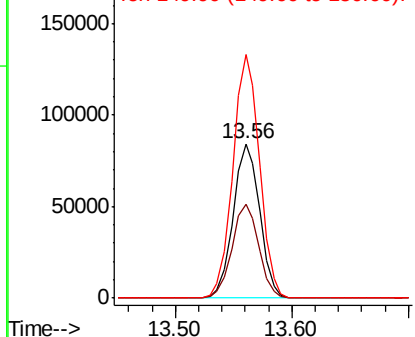


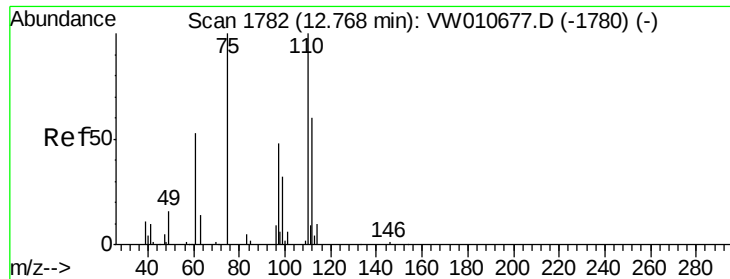
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010899.D
Acq: 20 Jun 2019 18:31

Tgt Ion:152 Resp: 133545
Ion Ratio Lower Upper
152 100
115 61.4 29.8 89.3
150 158.4 0.0 345.0



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: 62.188 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010899.D

Acq: 20 Jun 2019 18:31

Instrument :

MSVOA_W

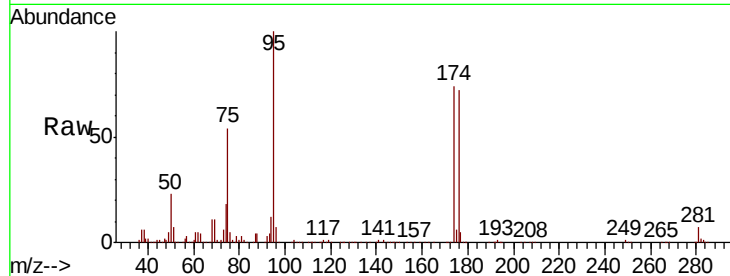
ClientSampleId :

Tot Ion: 75 Resp: 87213

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

60000

50000

40000

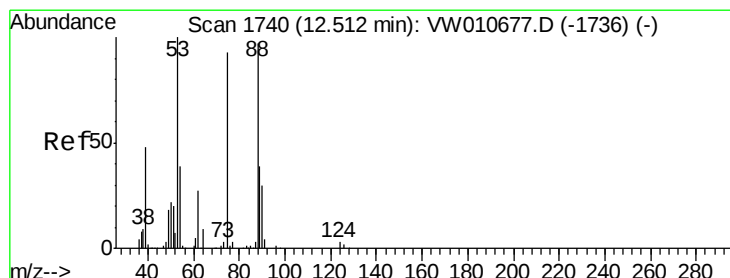
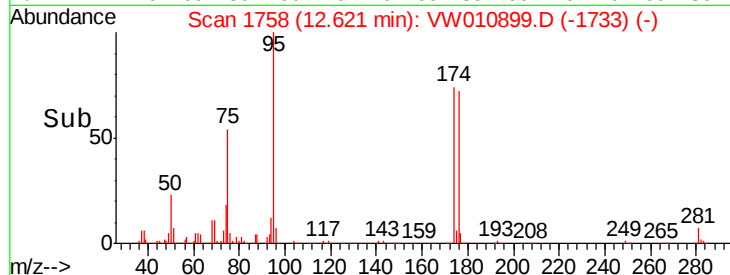
30000

20000

10000

0

Time--> 12.50 12.60 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 142.929 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010899.D

Acq: 20 Jun 2019 18:31

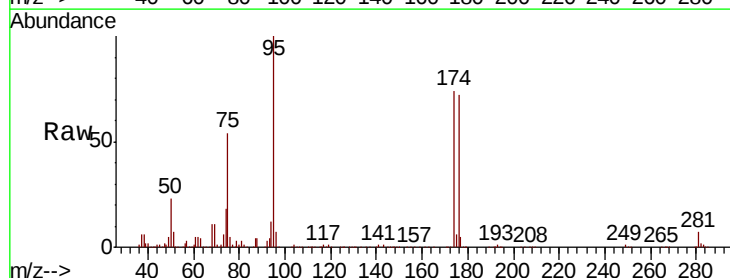
Tgt Ion: 75 Resp: 87213

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#



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

60000

40000

20000

0

Time--> 12.50 12.60 12.70

