

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010889.D
 Acq On : 20 Jun 2019 13:49
 Operator : SY/VA
 Sample : K3439-02RE
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:46:46 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	234990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	161415	58.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.56%	
35) Dibromofluoromethane	7.88	113	21925	10.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.40%	
50) Toluene-d8	10.32	98	489202	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.62	95	165803	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

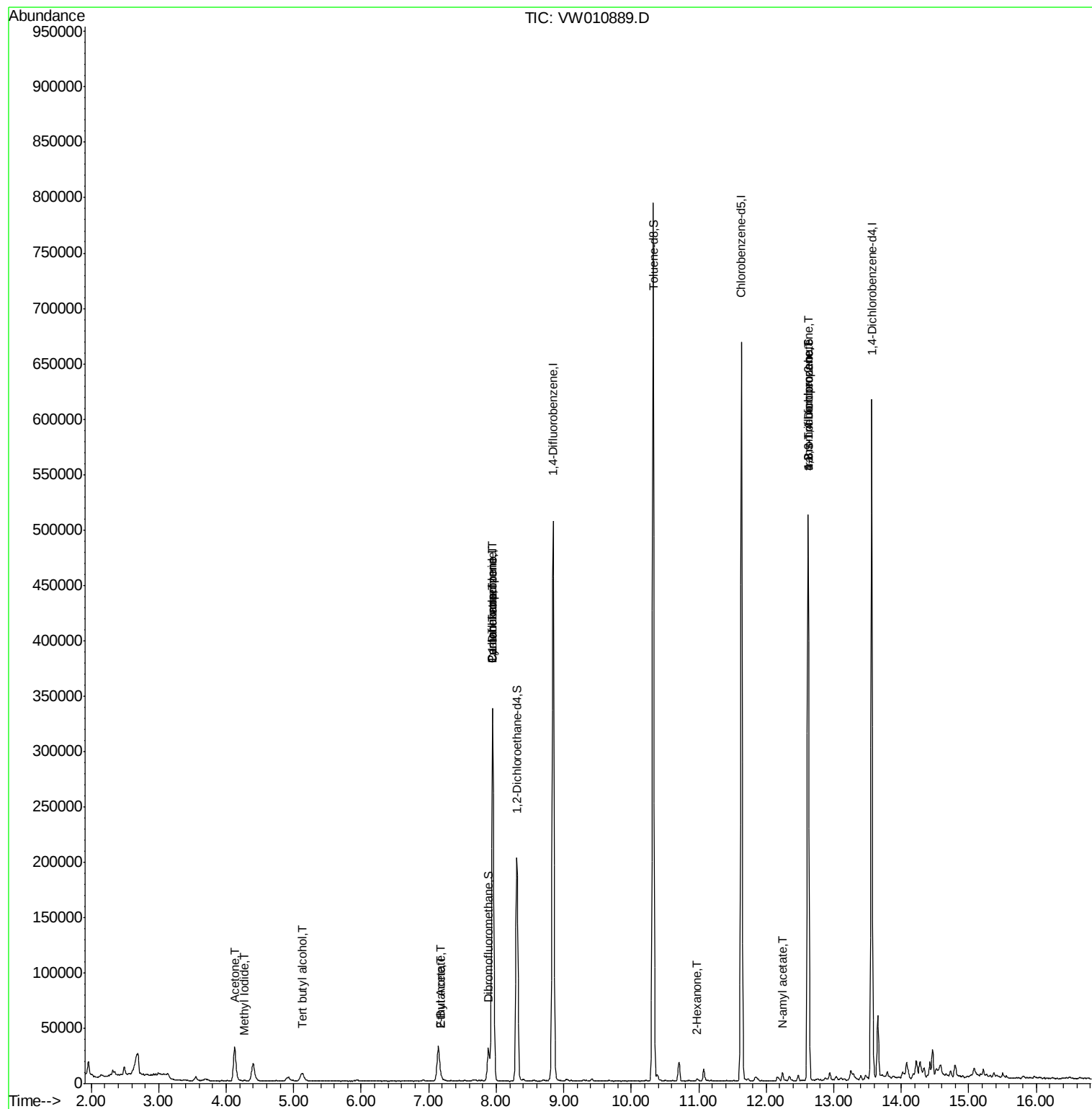
						Qvalue
10) Methyl Iodide	4.26	142	275	4.901	ug/l #	41
11) Tert butyl alcohol	5.12	59	8166	36.189	ug/l #	74
16) Acetone	4.12	43	56166	75.680	ug/l	99
25) 2-Butanone	7.18	43	5481	5.326	ug/l #	85
31) Cyclohexane	7.95	56	6342	1.135	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21728	5.360	ug/l #	51
37) Ethyl Acetate	7.18	43	5481	2.440	ug/l #	72
38) Carbon Tetrachloride	7.95	117	24133	6.897	ug/l #	17
59) 2-Hexanone	10.98	43	2090	1.304	ug/l	81
74) N-amyl acetate	12.24	43	5103	1.469	ug/l #	53
76) 1,2,3-Trichloropropane	12.62	75	90407	60.184	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90407	138.321	ug/l #	5

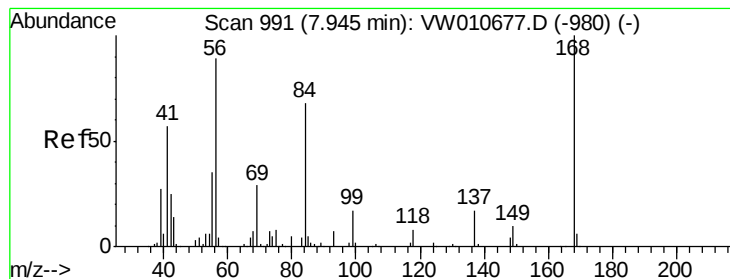
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010889.D

Acq: 20 Jun 2019 13:49

Instrument :

MSVOA_W

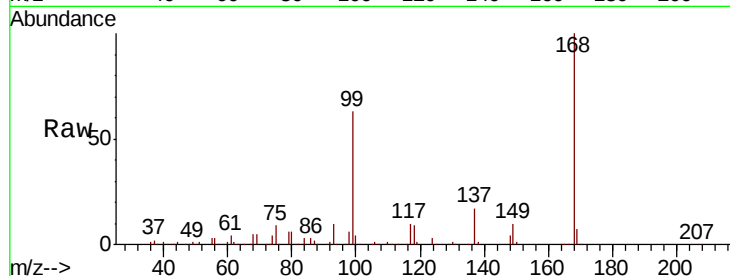
ClientSampled :

Tot Ion:168 Resp: 234990

Ion Ratio Lower Upper

168 100

99 62.6 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

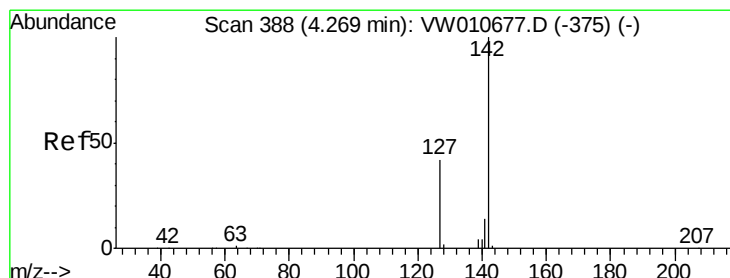
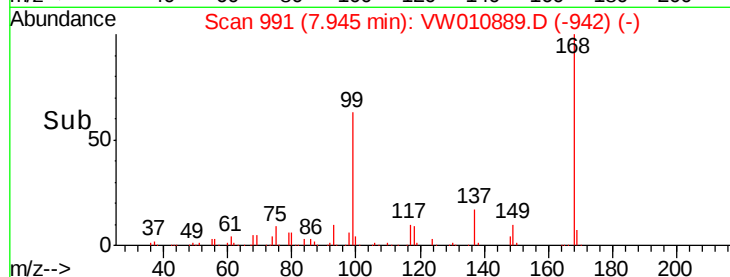
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.901 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW010889.D

Acq: 20 Jun 2019 13:49

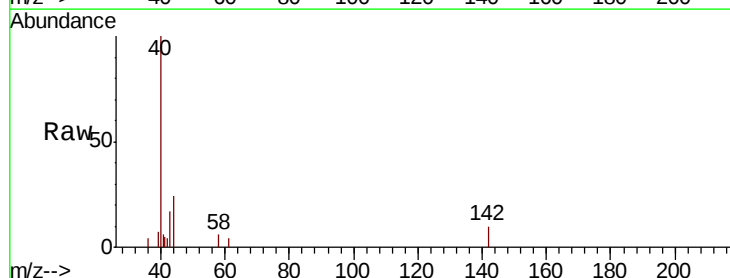
Tgt Ion:142 Resp: 275

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

200

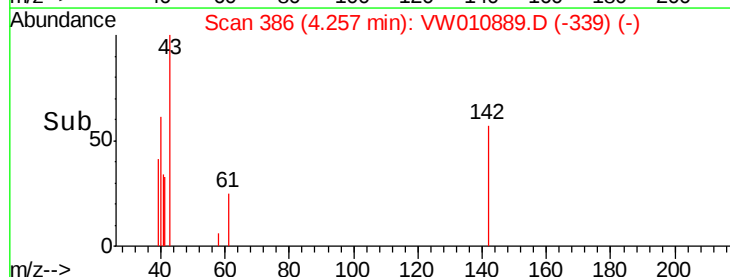
150

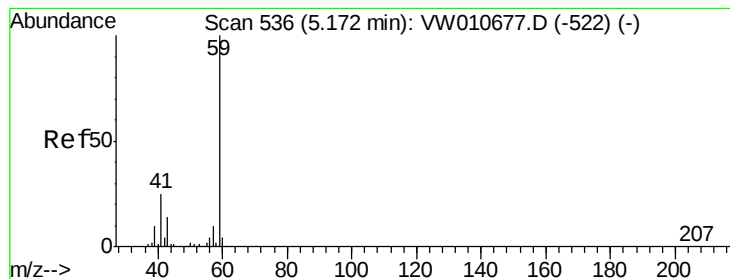
100

50

0

Time-->



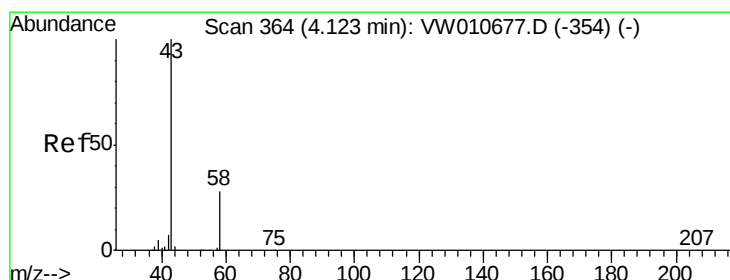
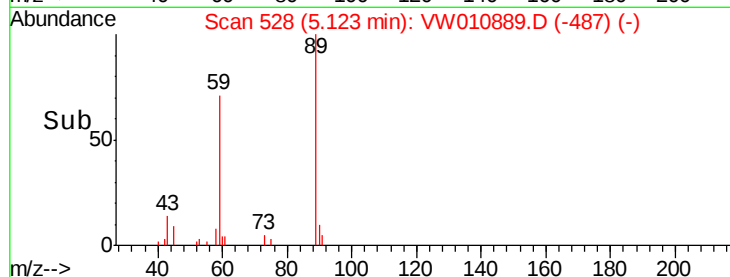
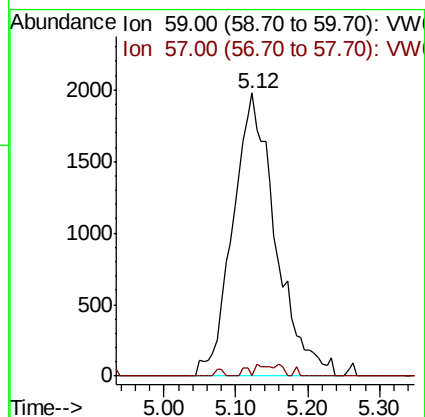
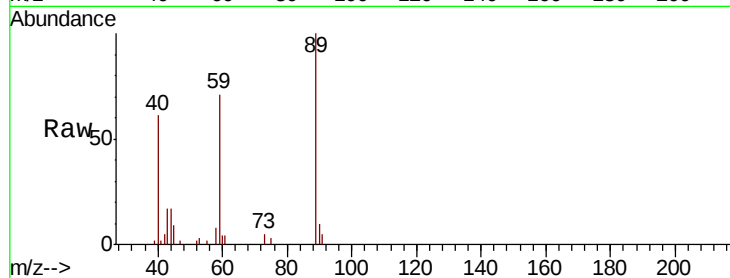


#11

Tert butyl alcohol
 Concen: 36.189 ug/l
 RT: 5.12 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: VW010889.D
 Acq: 20 Jun 2019 13:49

Instrument :
 MSVOA_W
 ClientSampled :

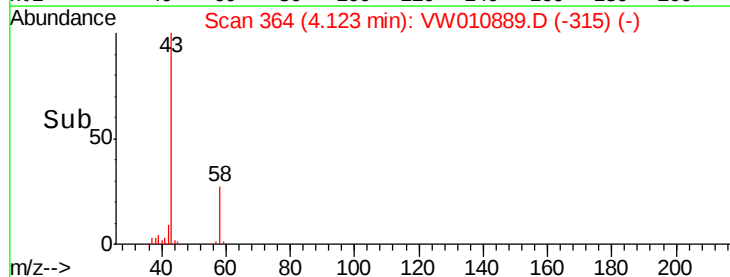
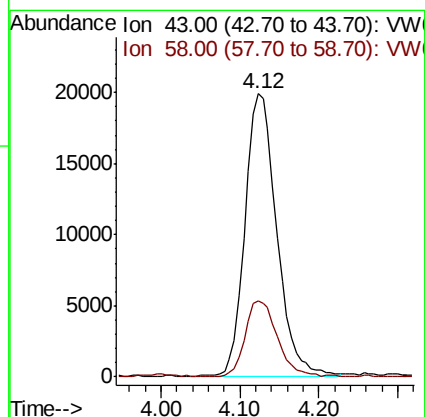
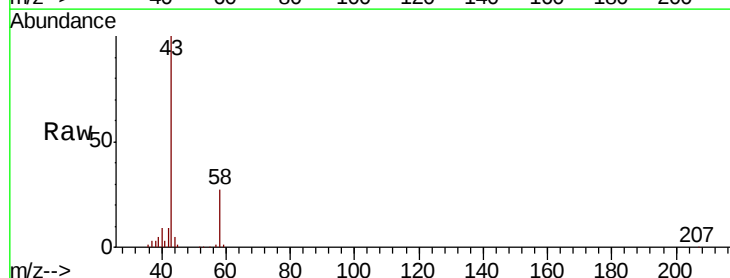
Tot Ion: 59 Resp: 8166
 Ion Ratio Lower Upper
 59 100
 57 1.0 8.6 12.8#

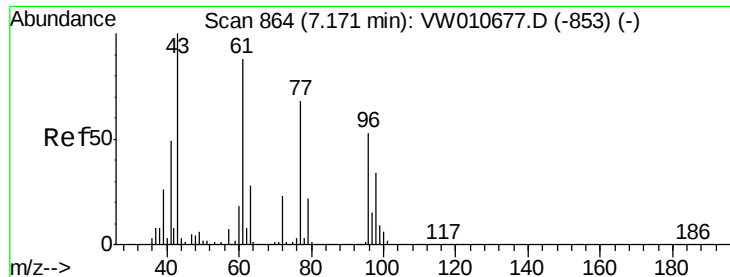


#16

Acetone
 Concen: 75.680 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW010889.D
 Acq: 20 Jun 2019 13:49

Tgt Ion: 43 Resp: 56166
 Ion Ratio Lower Upper
 43 100
 58 27.0 22.1 33.1





#25

2-Butanone

Concen: 5.326 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW010889.D

Acq: 20 Jun 2019 13:49

Instrument :

MSVOA_W

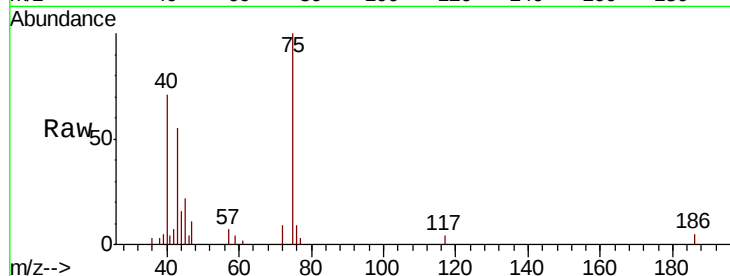
ClientSampled :

Tot Ion: 43 Resp: 5481

Ion Ratio Lower Upper

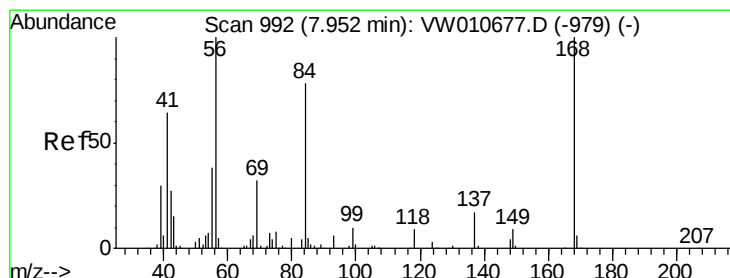
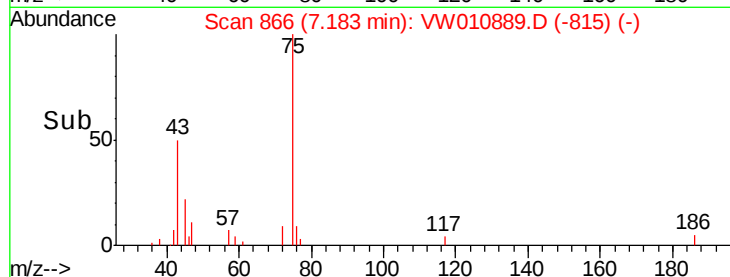
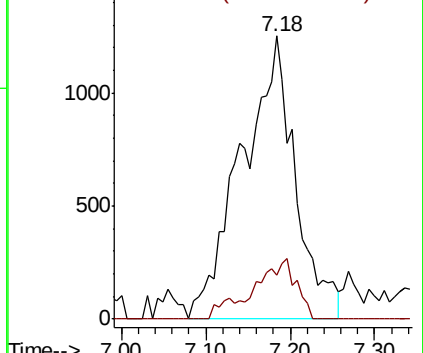
43 100

72 15.5 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.135 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010889.D

Acq: 20 Jun 2019 13:49

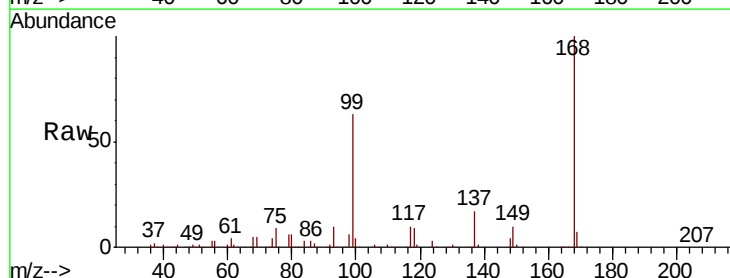
Tgt Ion: 56 Resp: 6342

Ion Ratio Lower Upper

56 100

69 179.4 25.2 37.8#

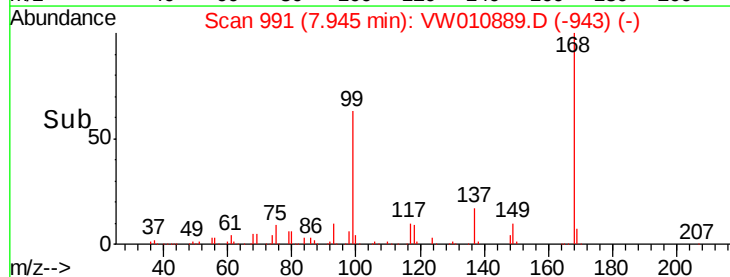
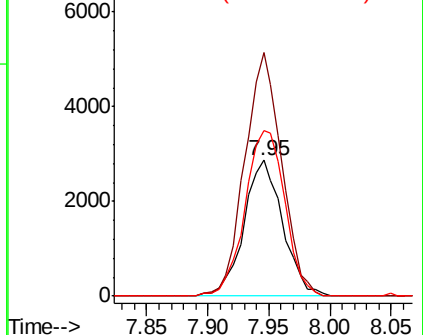
84 122.2 62.2 93.2#

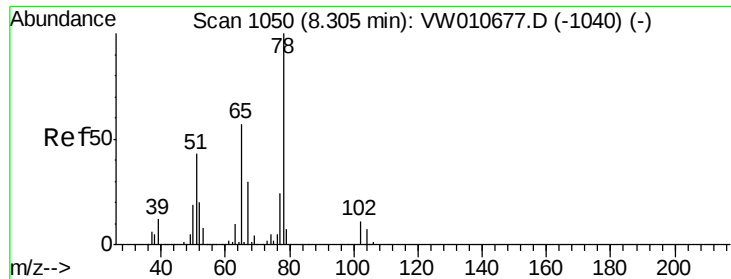


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

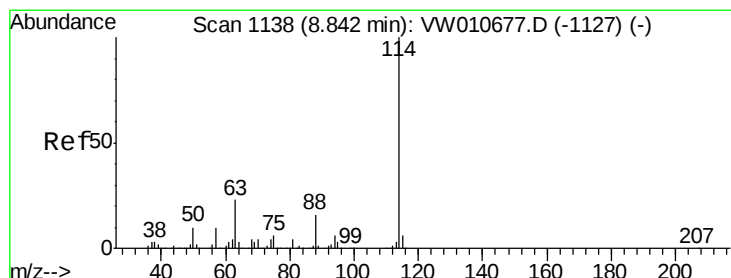
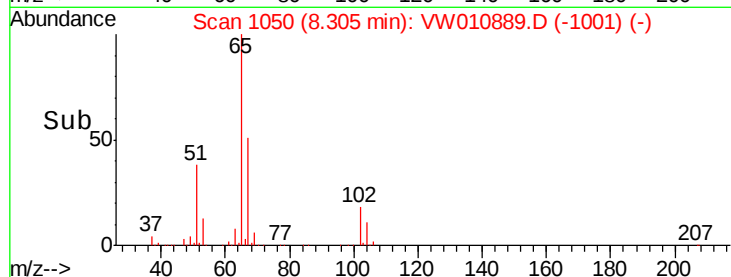
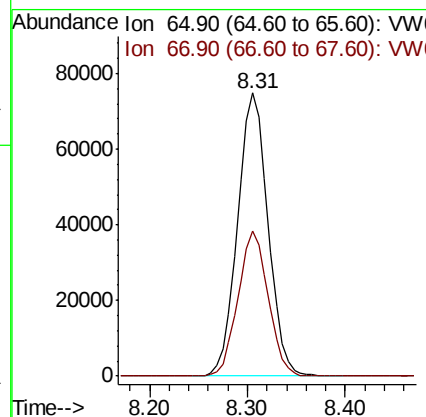
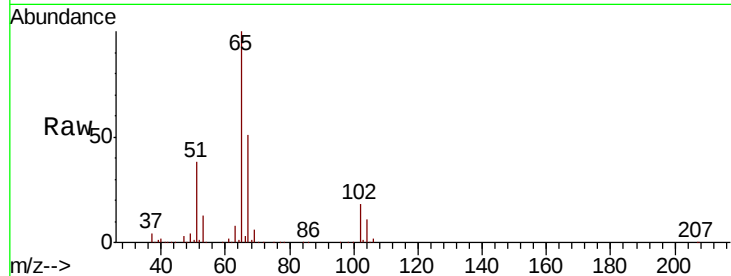




#33
 1,2-Dichloroethane-d4
 Concen: 58.278 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010889.D
 Acq: 20 Jun 2019 13:49

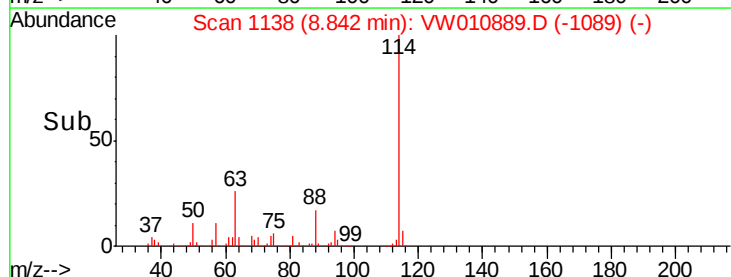
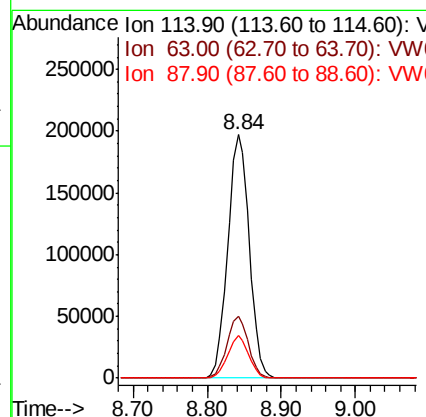
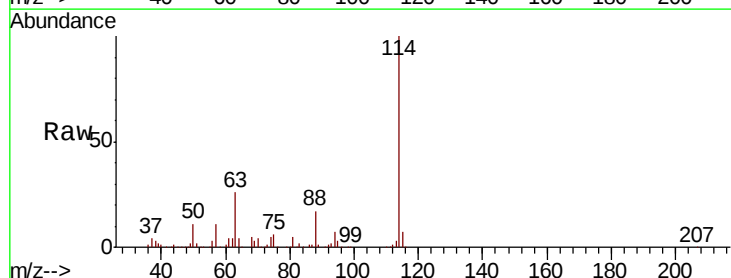
Instrument :
 MSVOA_W
 ClientSampleId :

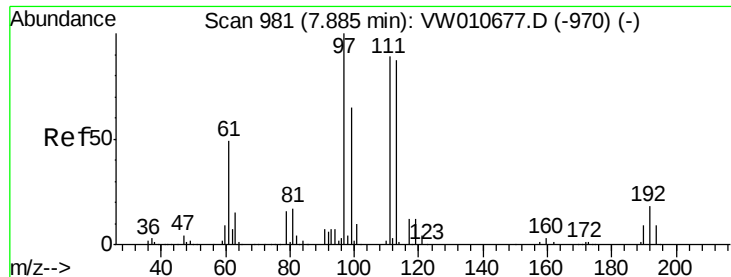
Tot Ion: 65 Resp: 161415
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010889.D
 Acq: 20 Jun 2019 13:49

Tgt Ion: 114 Resp: 395988
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 46.4
 88 17.4 0.0 32.2

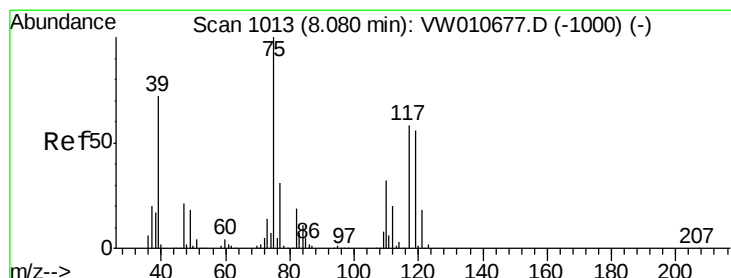
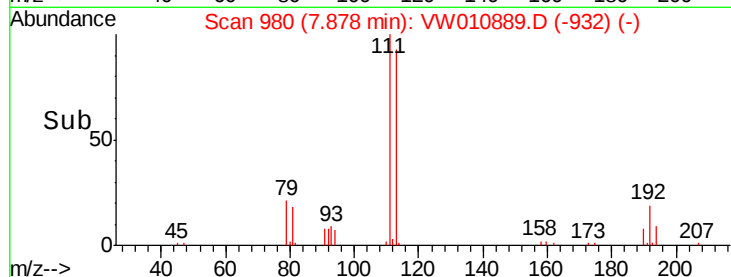
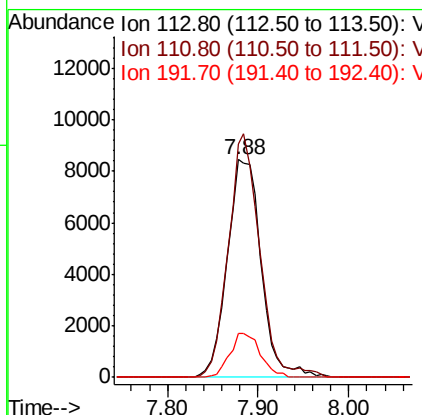
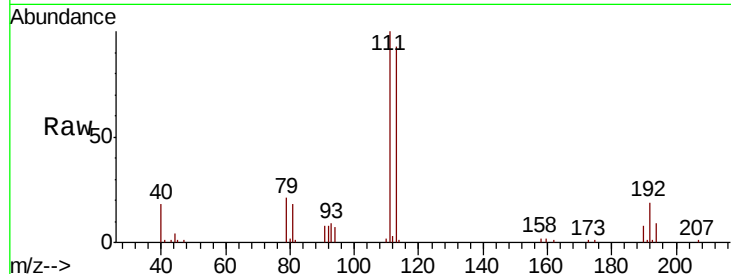




#35
 Dibromofluoromethane
 Concen: 10.201 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW010889.D
 Acq: 20 Jun 2019 13:49

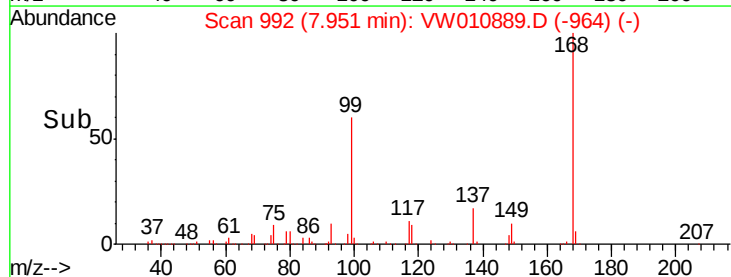
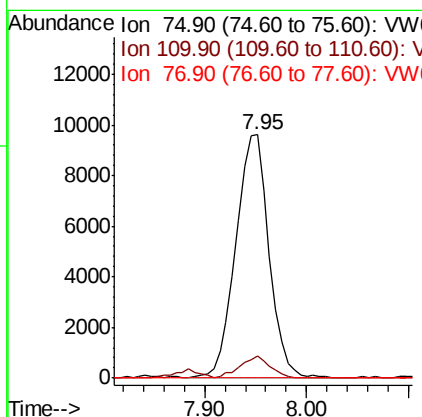
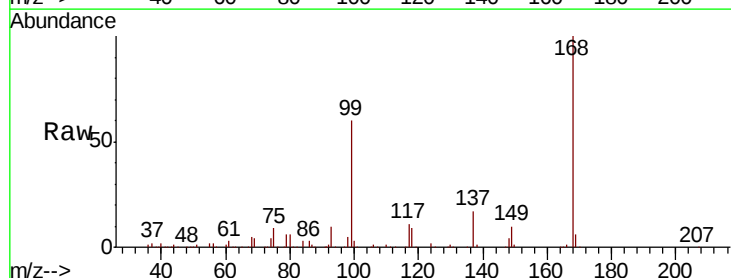
Instrument :
 MSVOA_W
 ClientSampleId :

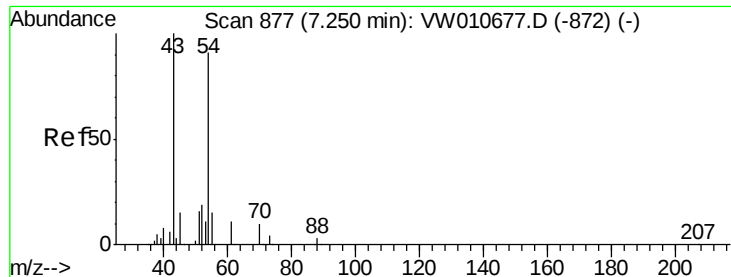
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	18.3	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 5.360 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010889.D
 Acq: 20 Jun 2019 13:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.8	47.3#
77	0.0	24.7	37.1#

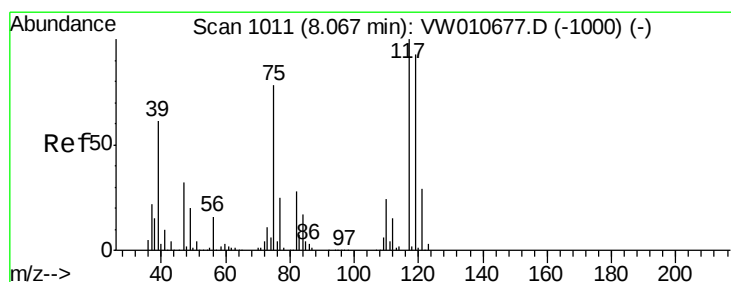
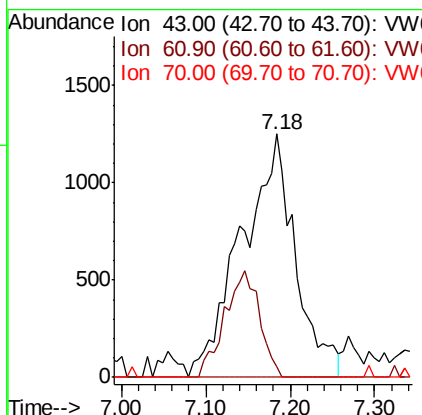
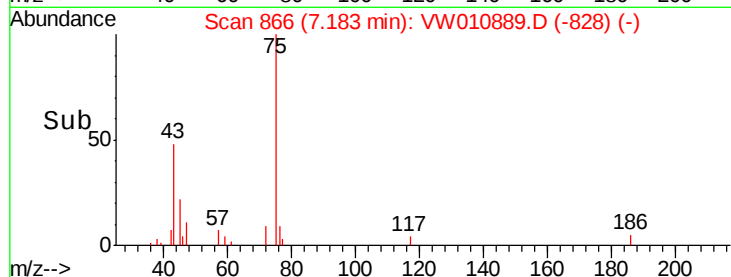
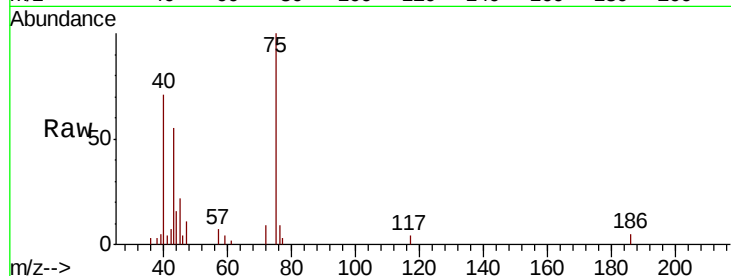




#37
Ethyl Acetate
Concen: 2.440 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.07 min
Lab File: VW010889.D
Acq: 20 Jun 2019 13:49

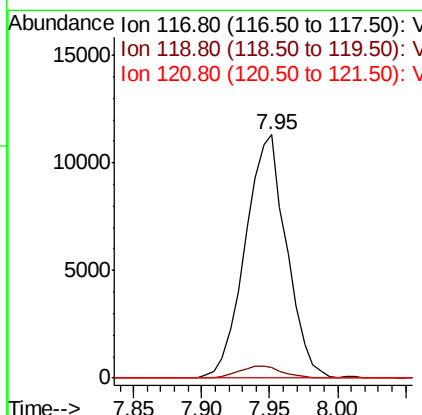
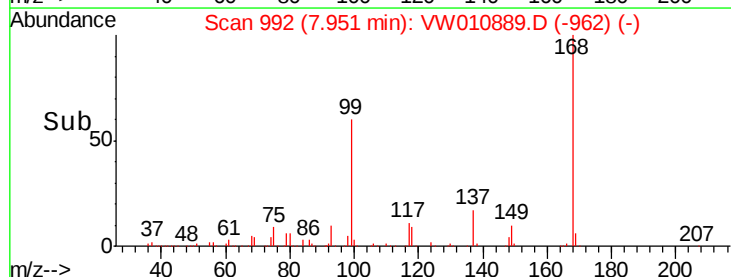
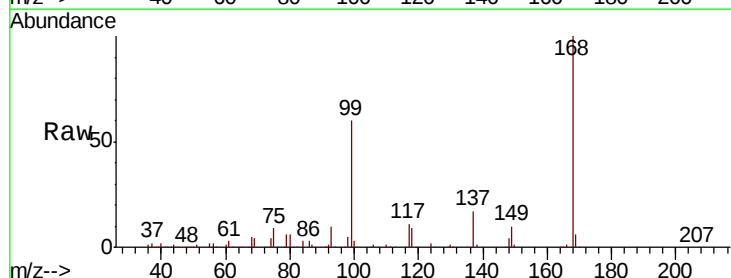
Instrument :
MSVOA_W
ClientSampled :

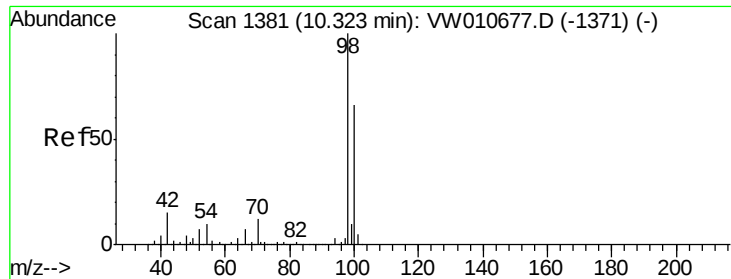
Tot Ion: 43 Resp: 5481
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 6.897 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010889.D
Acq: 20 Jun 2019 13:49

Tgt Ion: 117 Resp: 24133
Ion Ratio Lower Upper
117 100
119 4.5 74.2 111.4#
121 0.0 22.9 34.3#

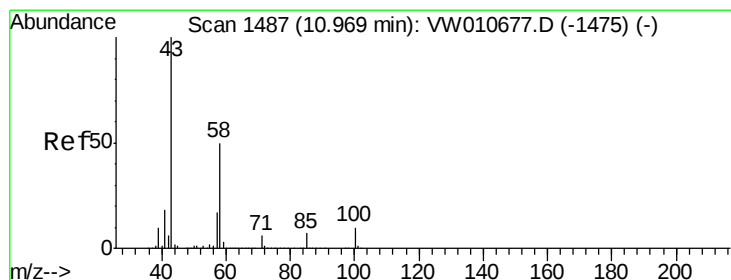
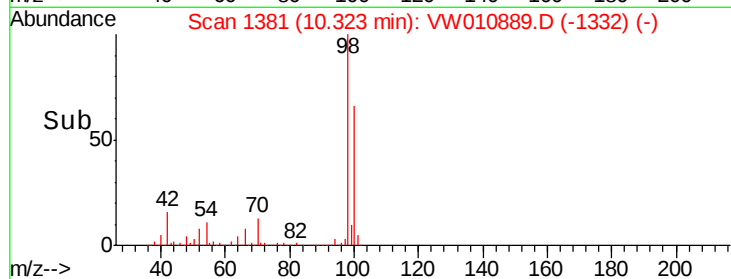
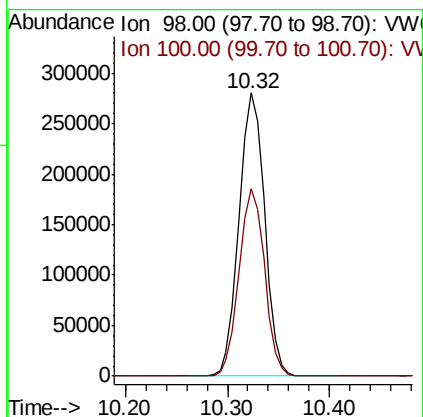
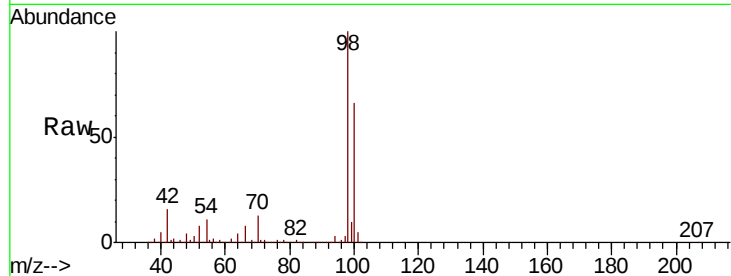




#50
Toluene-d8
Concen: 51.904 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010889.D
Acq: 20 Jun 2019 13:49

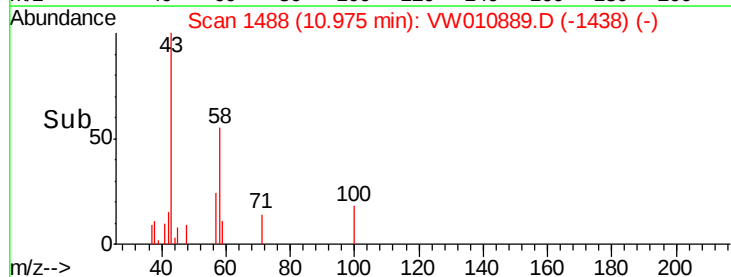
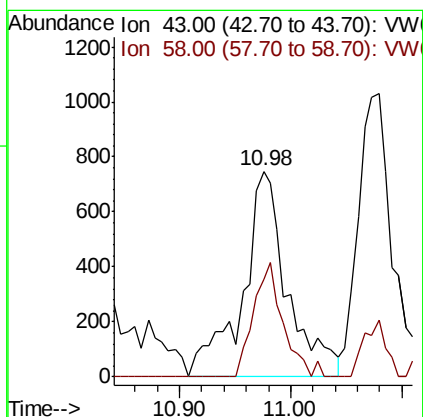
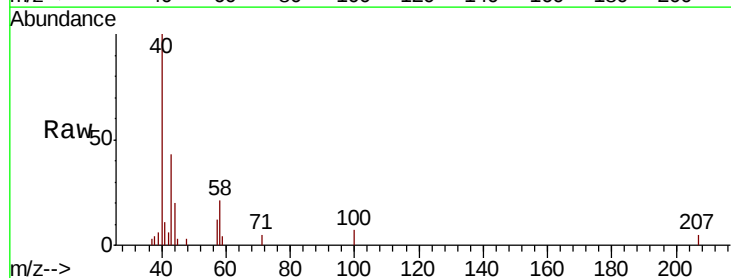
Instrument :
MSVOA_W
ClientSampleId :

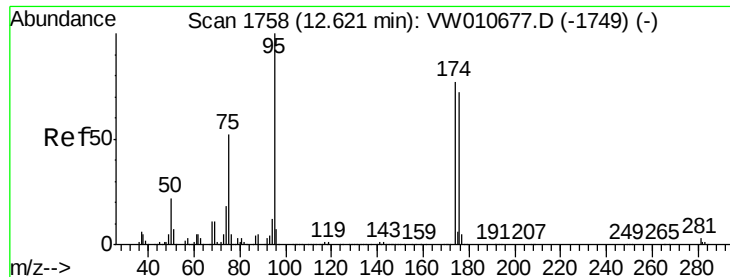
Tot Ion: 98 Resp: 489202
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#59
2-Hexanone
Concen: 1.304 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW010889.D
Acq: 20 Jun 2019 13:49

Tgt Ion: 43 Resp: 2090
Ion Ratio Lower Upper
43 100
58 37.0 24.9 74.6

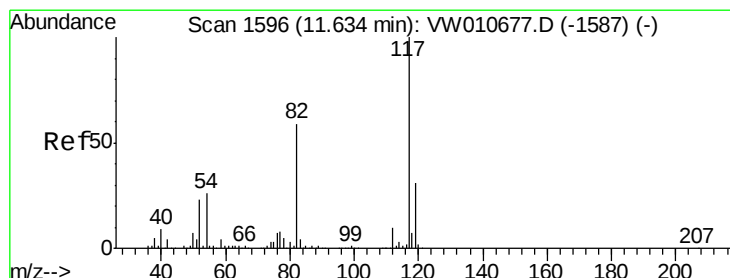
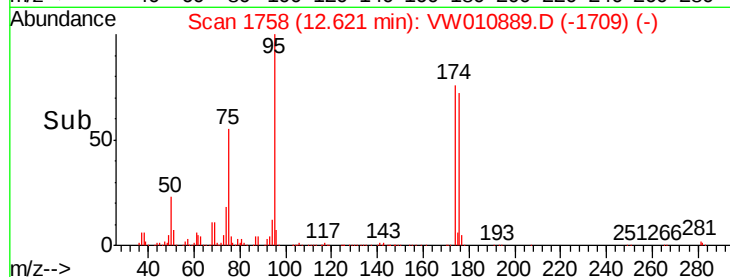
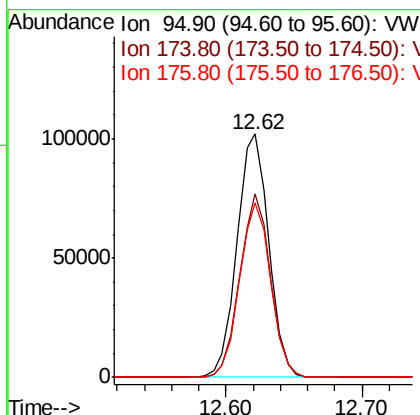
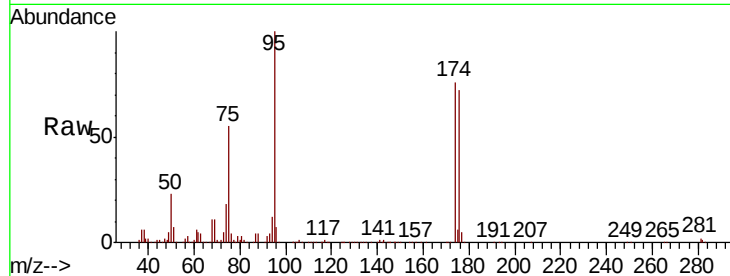




#62
4-Bromofluorobenzene
Concen: 48.344 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010889.D
Acq: 20 Jun 2019 13:49

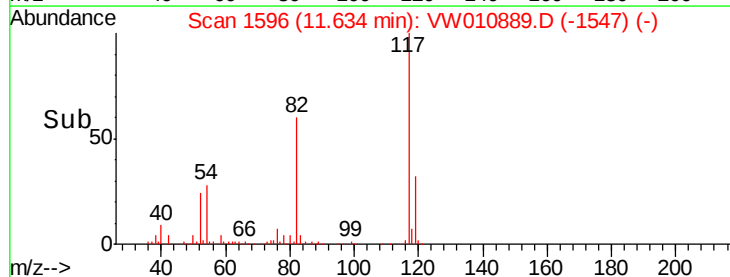
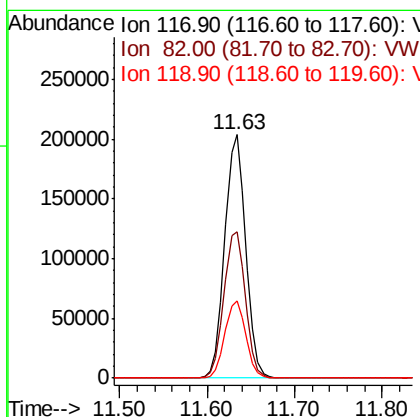
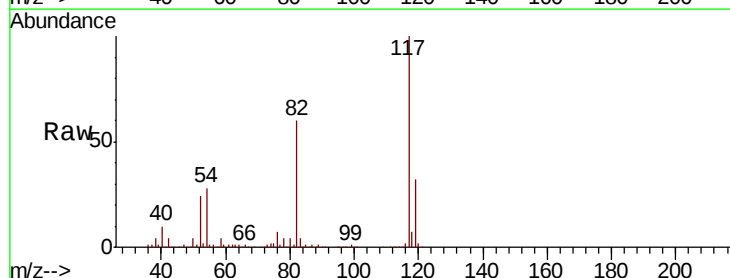
Instrument :
MSVOA_W
ClientSampleId :

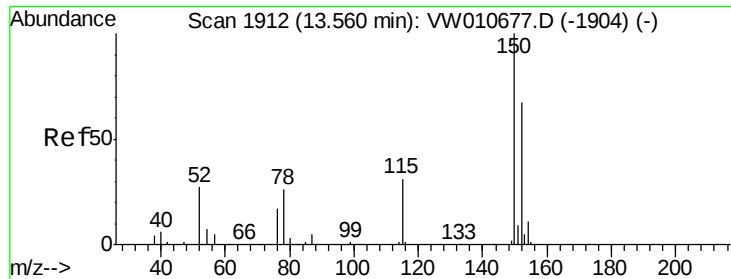
Tot Ion: 95 Resp: 165803
Ion Ratio Lower Upper
95 100
174 72.9 0.0 150.4
176 70.5 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010889.D
Acq: 20 Jun 2019 13:49

Tgt Ion: 117 Resp: 337760
Ion Ratio Lower Upper
117 100
82 60.1 47.0 70.4
119 31.9 25.1 37.7



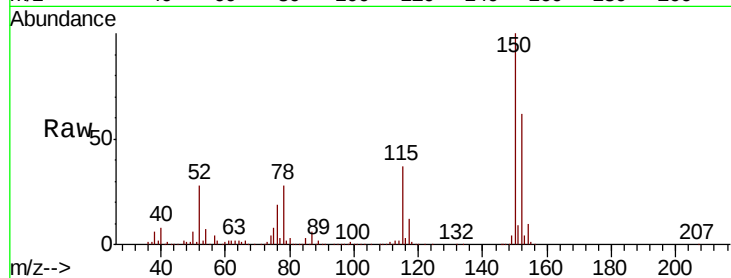


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010889.D
Acq: 20 Jun 2019 13:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.8	89.3
150	158.1	0.0	345.0

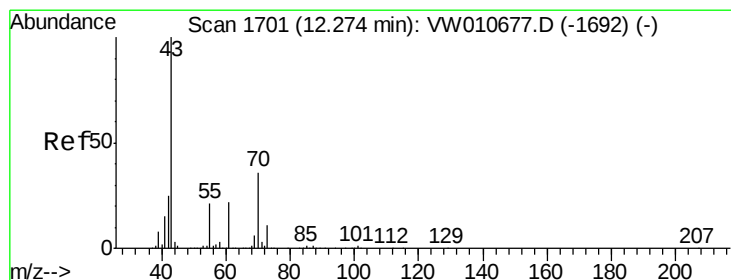
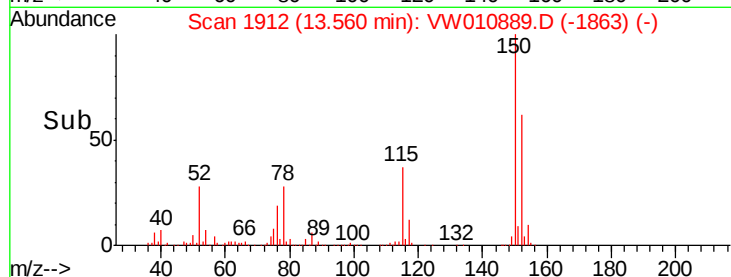
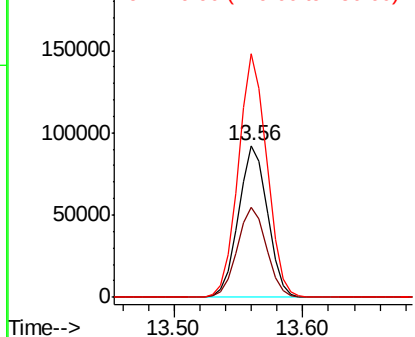


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

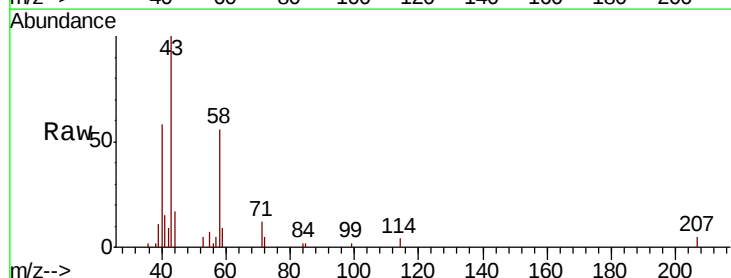
Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate
Concen: 1.469 ug/l
RT: 12.24 min Scan# 1695
Delta R.T. -0.04 min
Lab File: VW010889.D
Acq: 20 Jun 2019 13:49

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.2	43.8#
55	9.9	17.5	26.3#
61	0.0	17.4	26.2#



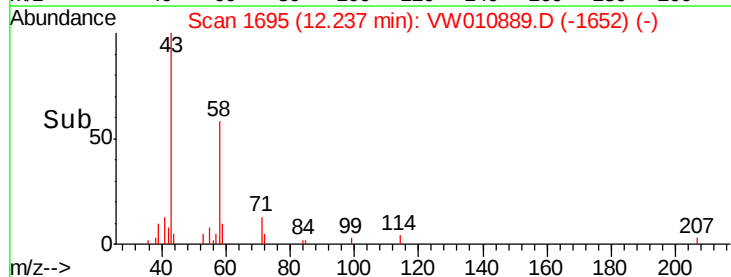
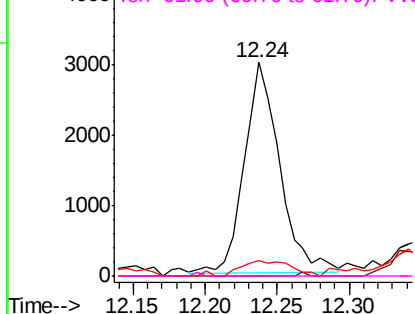
Abundance

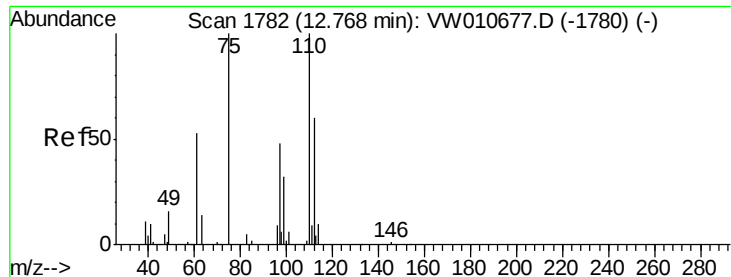
Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 60.184 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010889.D

Acq: 20 Jun 2019 13:49

Instrument :

MSVOA_W

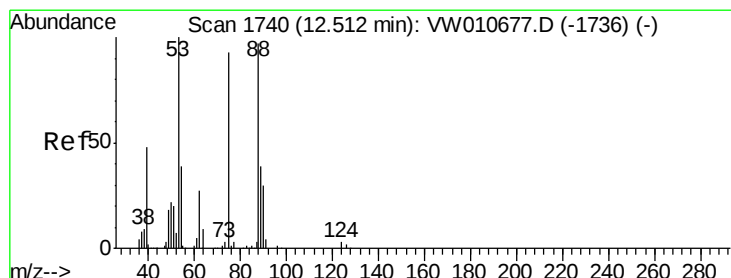
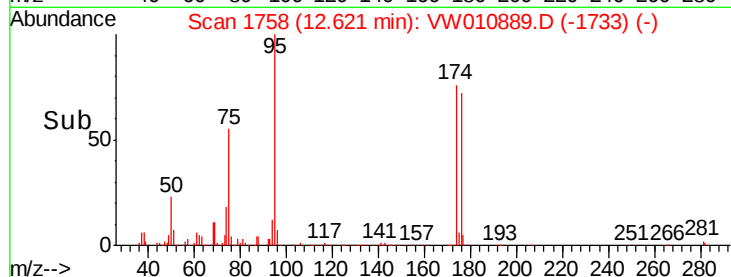
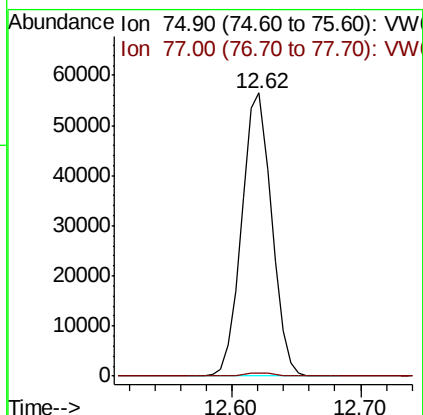
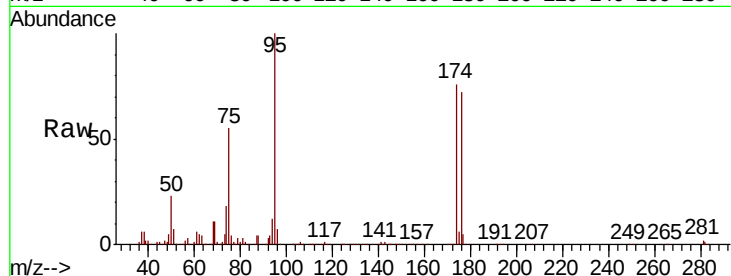
ClientSampleId :

Tot Ion: 75 Resp: 90407

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.321 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010889.D

Acq: 20 Jun 2019 13:49

Tgt Ion: 75 Resp: 90407

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

