

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010884.D
 Acq On : 20 Jun 2019 11:25
 Operator : SY/VA
 Sample : VW0620SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:45:21 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	242277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	391632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135958	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	145919	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
35) Dibromofluoromethane	7.88	113	111537	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
50) Toluene-d8	10.32	98	481417	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.62	95	159786	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	

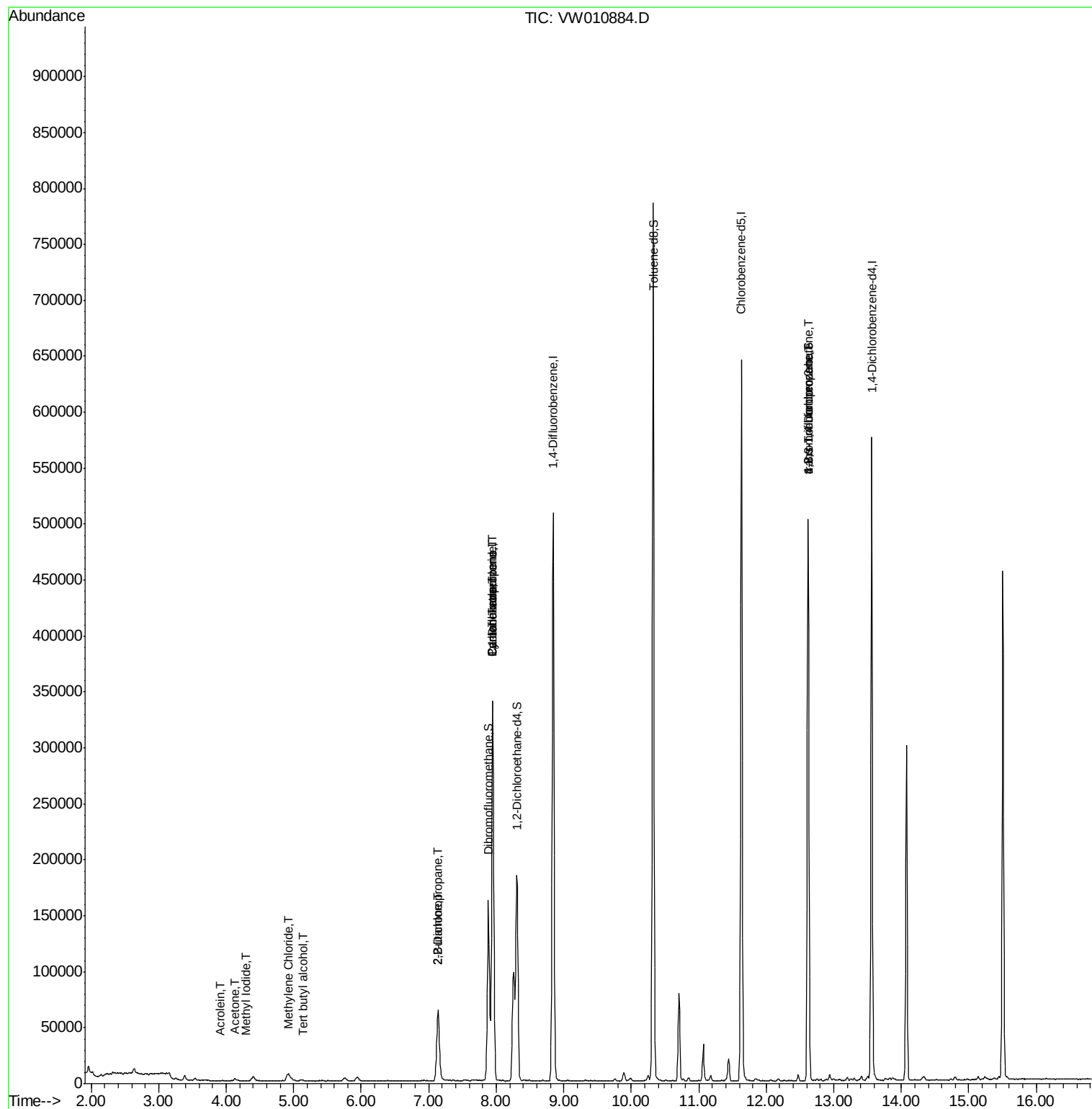
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	136	4.848	ug/l #	41
11) Tert butyl alcohol	5.14	59	941	4.045	ug/l #	78
13) Acrolein	3.91	56	154	1.620	ug/l #	45
16) Acetone	4.13	43	3649	4.769	ug/l #	85
20) Methylene Chloride	4.92	84	4375	1.630	ug/l #	94
25) 2-Butanone	7.14	43	4485	4.227	ug/l #	78
26) 2,2-Dichloropropane	7.14	77	4442	1.053	ug/l #	55
31) Cyclohexane	7.95	56	6788	1.178	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	22294	5.561	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24830	7.175	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	86581	60.642	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86581	139.375	ug/l #	5

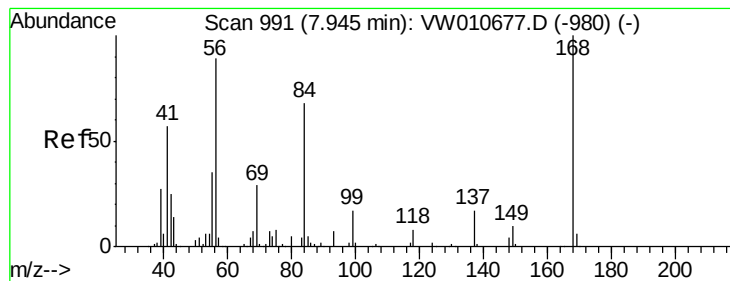
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062019\
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Quant 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# 991

Delta R.T. 0.00 min

Lab File: VW010884.D

Acq: 20 Jun 2019 11:25

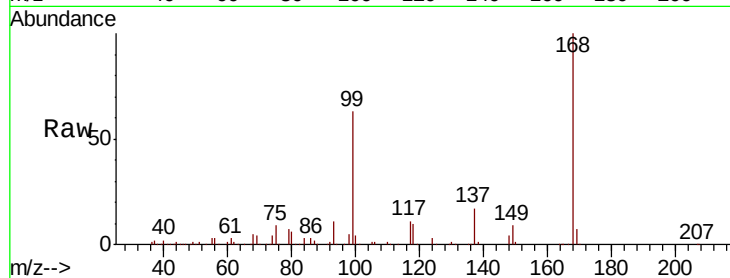
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 242277

Ion Ratio Lower Upper

168 100

99 62.5 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

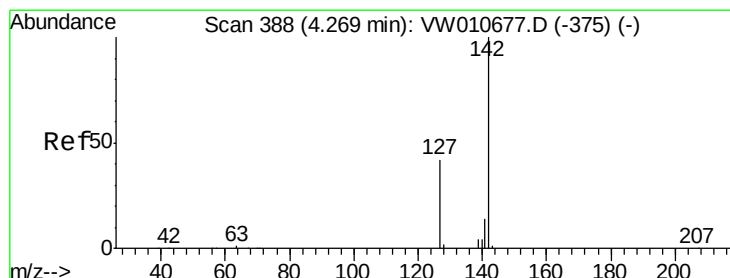
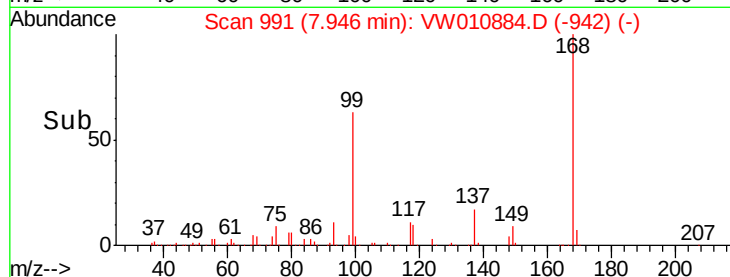
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.848 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW010884.D

Acq: 20 Jun 2019 11:25

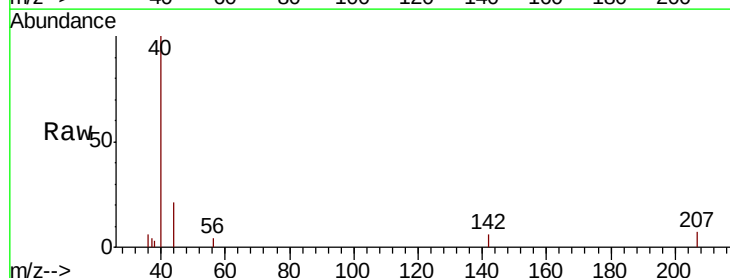
Tgt Ion:142 Resp: 136

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

4.28

120

100

80

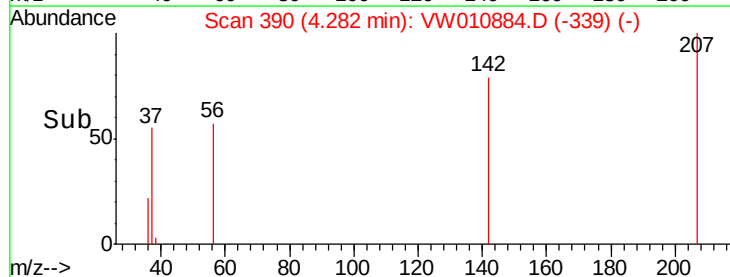
60

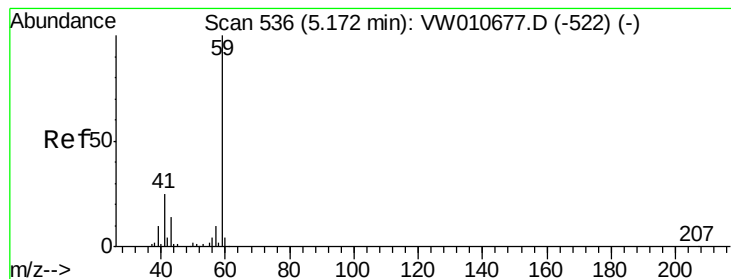
40

20

0

Time-->



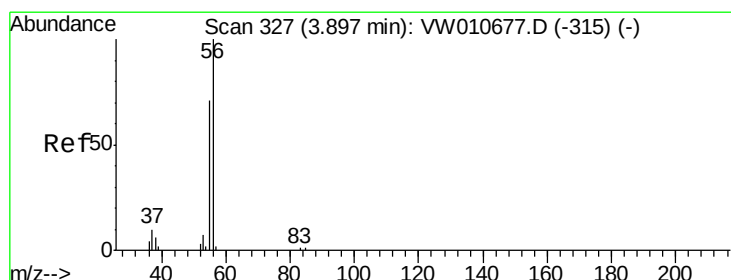
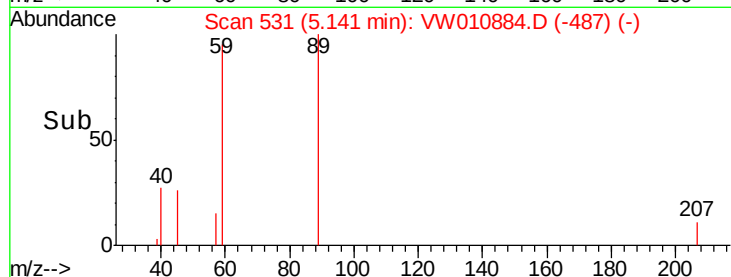
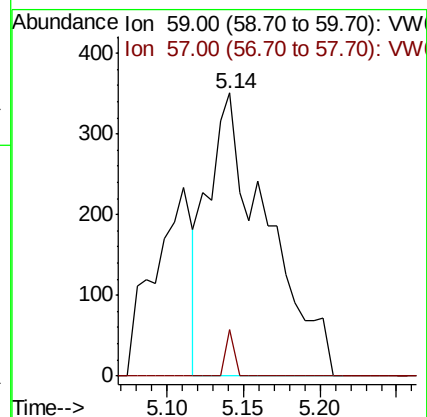
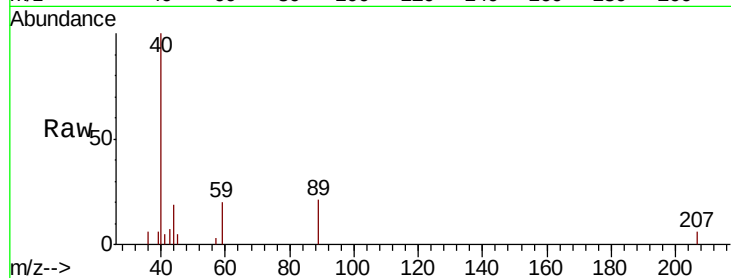


#11

Tert butyl alcohol
 Concen: 4.045 ug/l
 RT: 5.14 min Scan# 531
 Delta R.T. -0.03 min
 Lab File: VW010884.D
 Acq: 20 Jun 2019 11:25

Instrument :
 MSVOA_W
 ClientSampled :

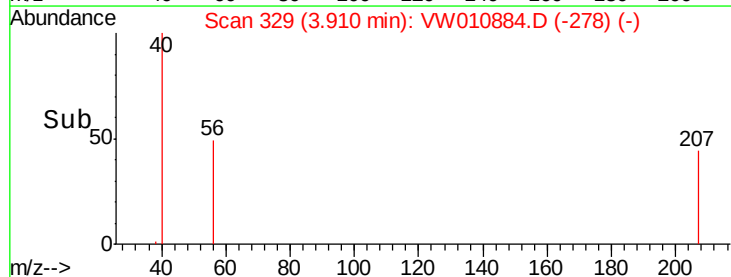
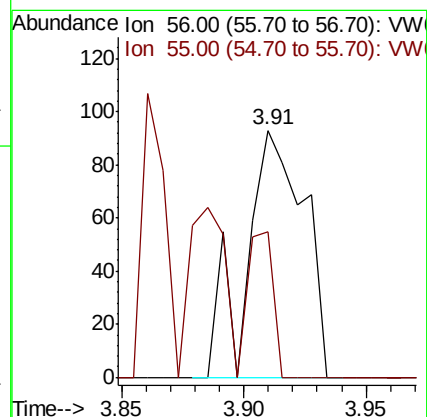
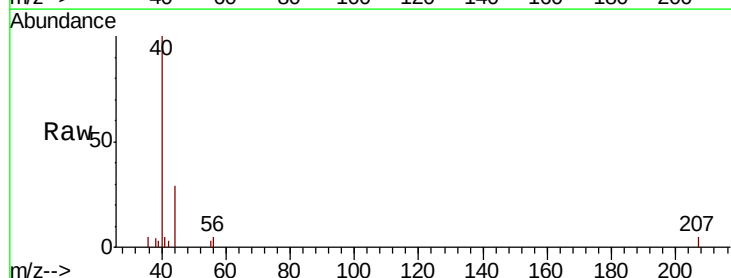
Tot Ion: 59 Resp: 941
 Ion Ratio Lower Upper
 59 100
 57 2.2 8.6 12.8#

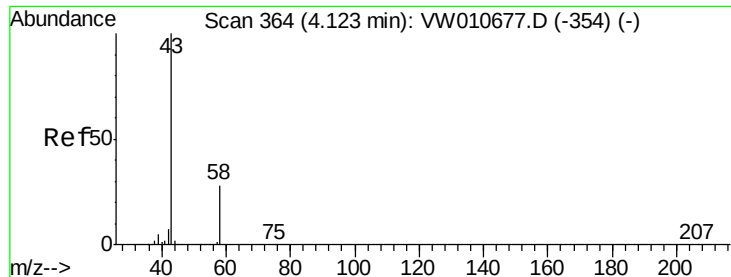


#13

Acrolein
 Concen: 1.620 ug/l
 RT: 3.91 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: VW010884.D
 Acq: 20 Jun 2019 11:25

Tgt Ion: 56 Resp: 154
 Ion Ratio Lower Upper
 56 100
 55 26.0 57.6 86.4#





#16

Acetone

Concen: 4.769 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010884.D

Acq: 20 Jun 2019 11:25

Instrument :

MSVOA_W

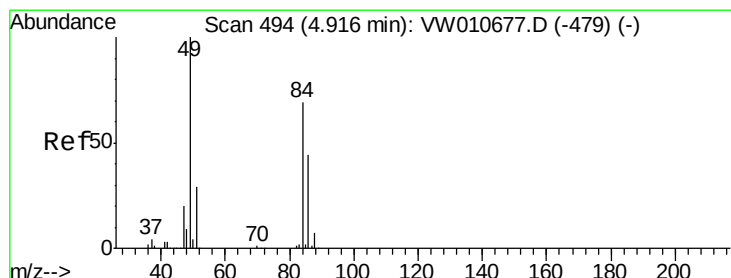
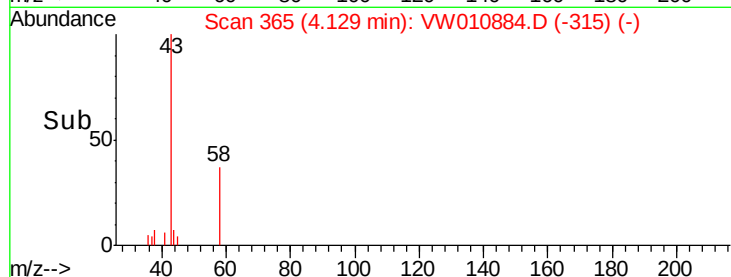
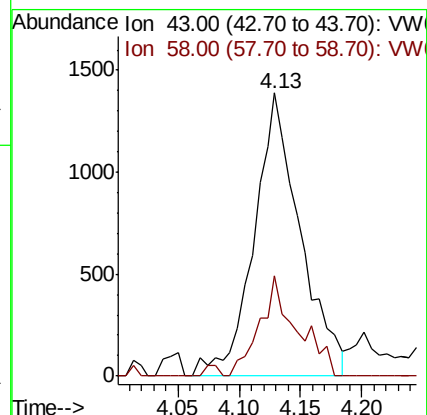
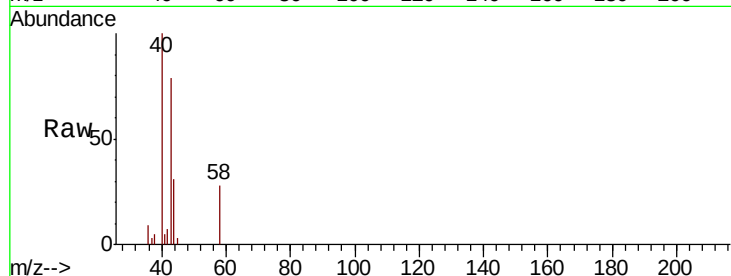
ClientSampleId :

Tot Ion: 43 Resp: 3649

Ion Ratio Lower Upper

43 100

58 35.3 22.1 33.1#



#20

Methylene Chloride

Concen: 1.630 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010884.D

Acq: 20 Jun 2019 11:25

Tgt Ion: 84 Resp: 4375

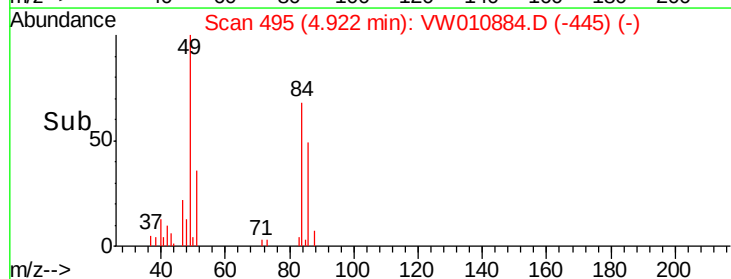
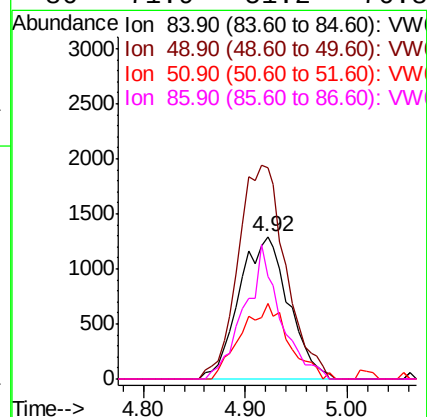
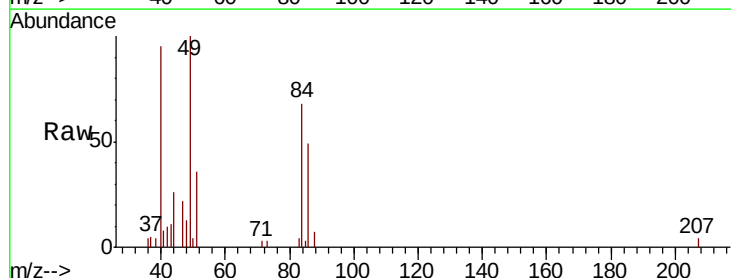
Ion Ratio Lower Upper

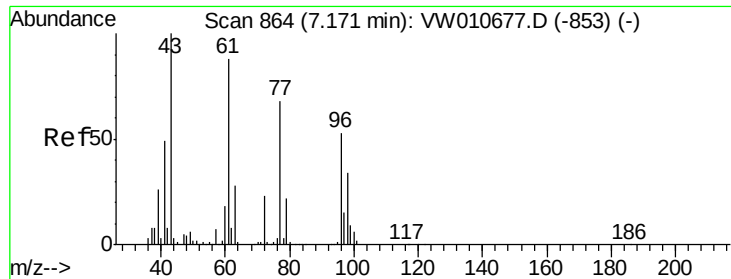
84 100

49 147.6 116.7 175.1

51 53.3 34.2 51.2#

86 71.9 51.2 76.8





#25

2-Butanone

Concen: 4.227 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW010884.D

Acq: 20 Jun 2019 11:25

Instrument :

MSVOA_W

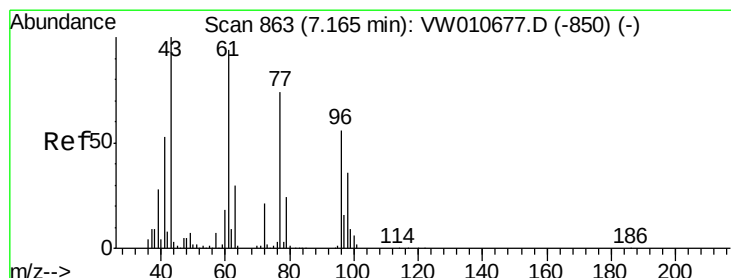
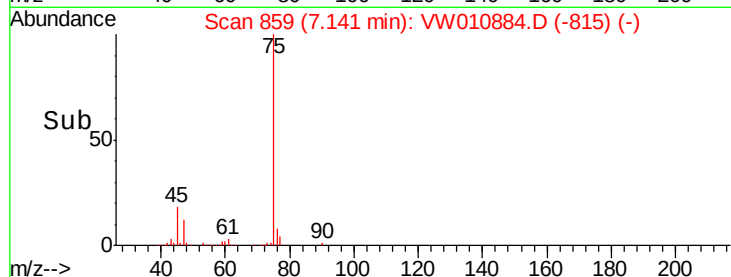
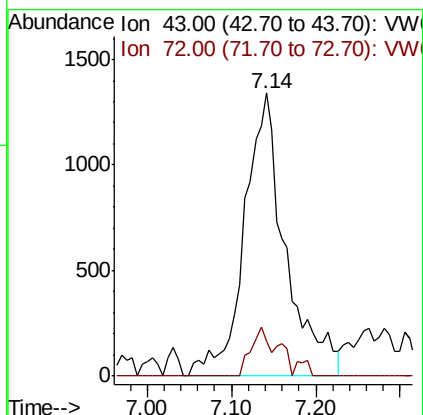
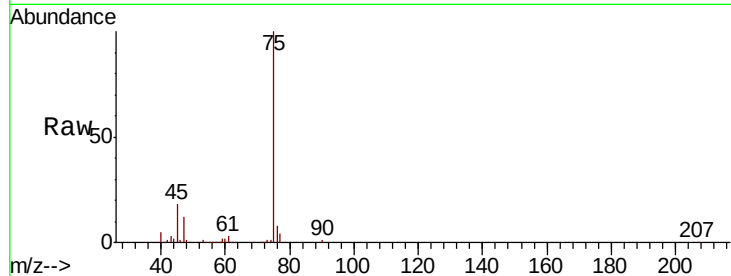
ClientSampled :

Tot Ion: 43 Resp: 4485

Ion Ratio Lower Upper

43 100

72 12.2 18.1 27.1#



#26

2,2-Dichloropropane

Concen: 1.053 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW010884.D

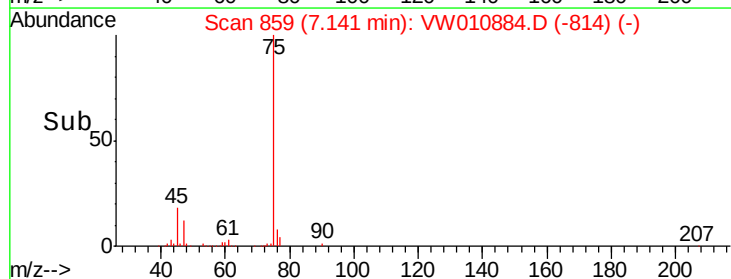
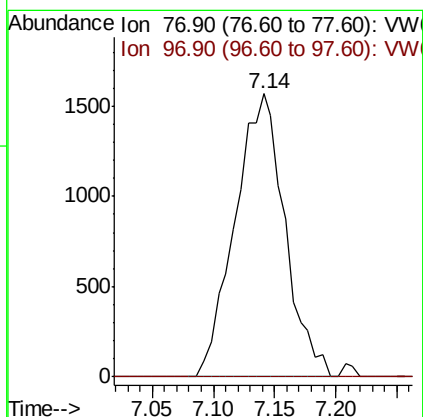
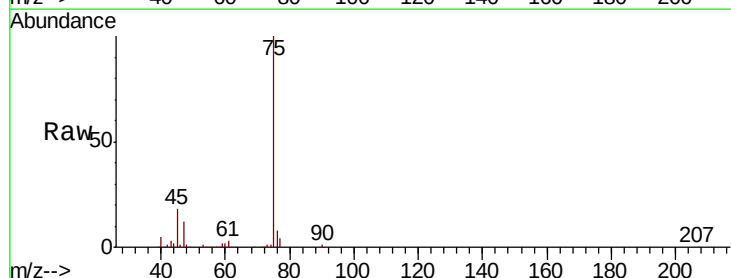
Acq: 20 Jun 2019 11:25

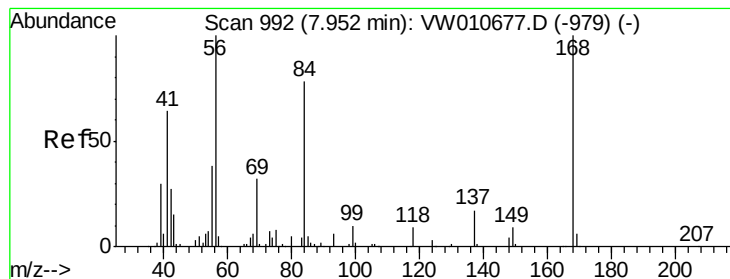
Tgt Ion: 77 Resp: 4442

Ion Ratio Lower Upper

77 100

97 0.0 10.5 31.6#





#31

Cyclohexane

Concen: 1.178 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010884.D

Acq: 20 Jun 2019 11:25

Instrument :
MSVOA_W
ClientSampled :

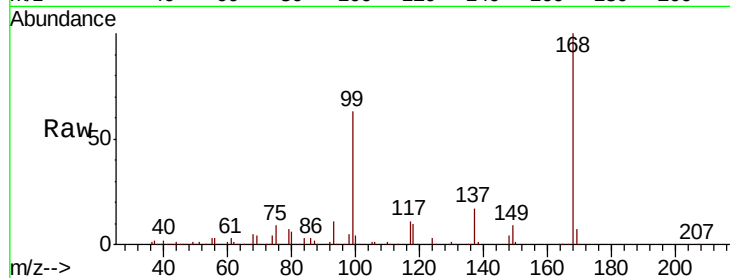
Tot Ion: 56 Resp: 6788

Ion Ratio Lower Upper

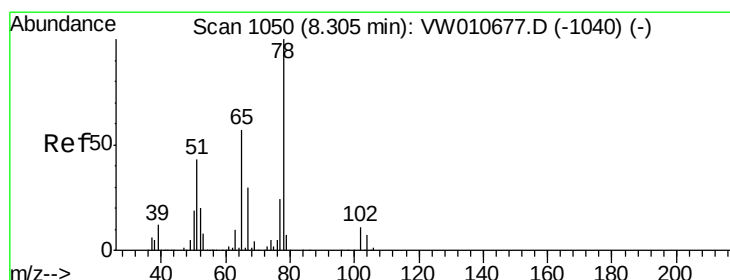
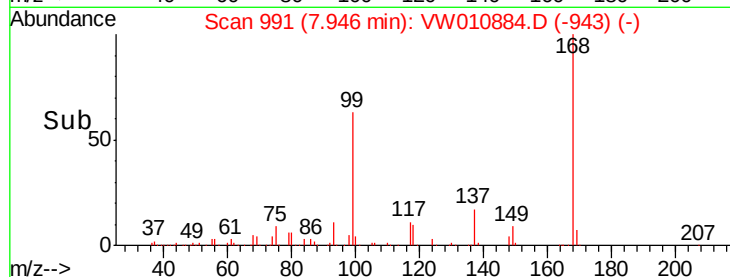
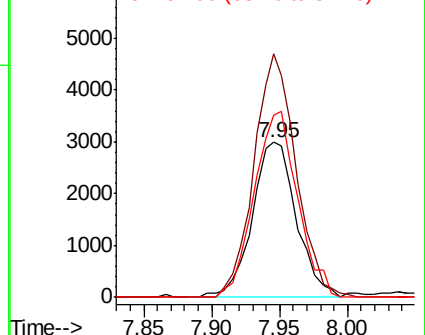
56 100

69 157.1 25.2 37.8#

84 117.7 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: 51.098 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010884.D

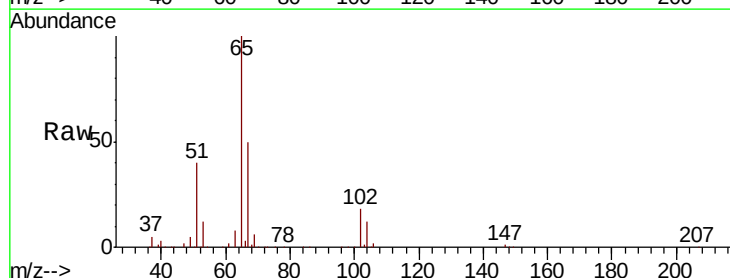
Acq: 20 Jun 2019 11:25

Tgt Ion: 65 Resp: 145919

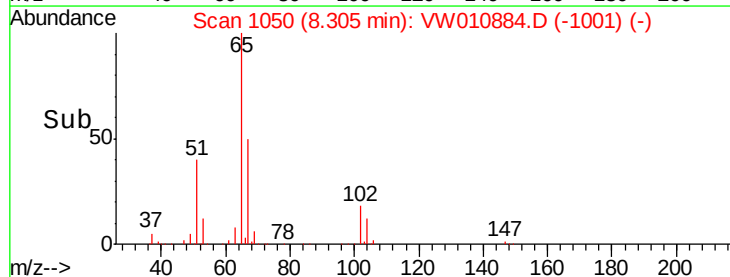
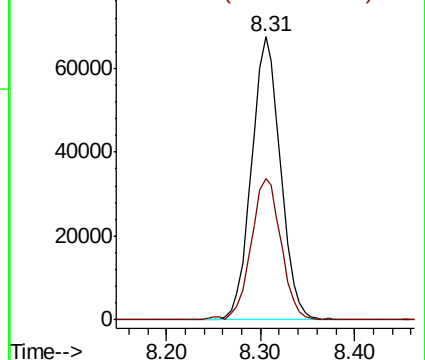
Ion Ratio Lower Upper

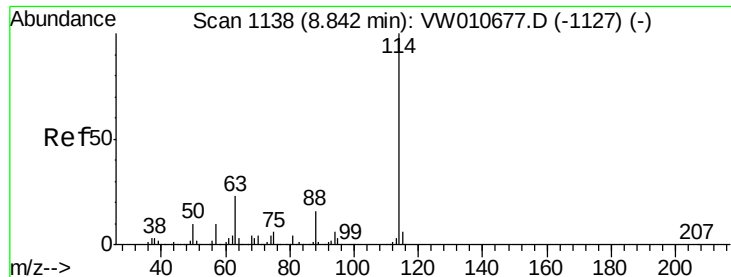
65 100

67 51.8 0.0 102.6



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

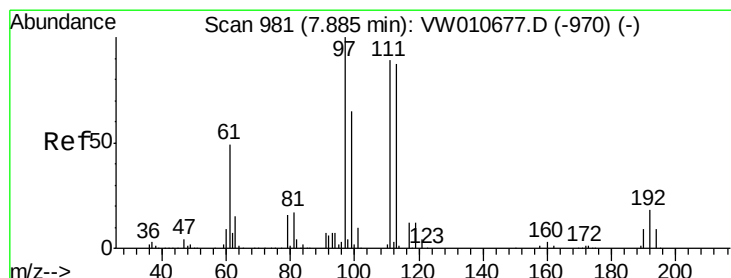
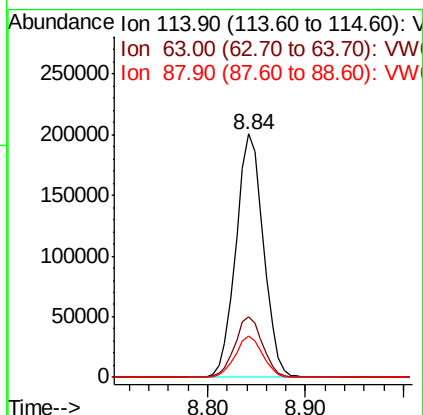
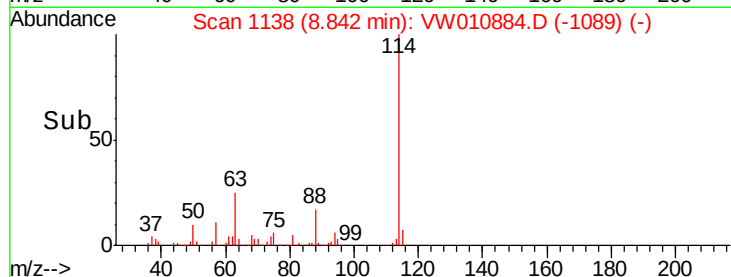
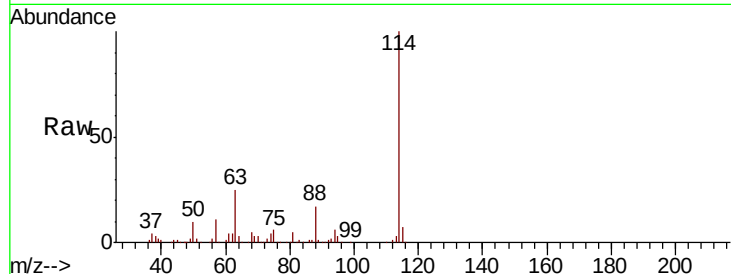




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010884.D
 Acq: 20 Jun 2019 11:25

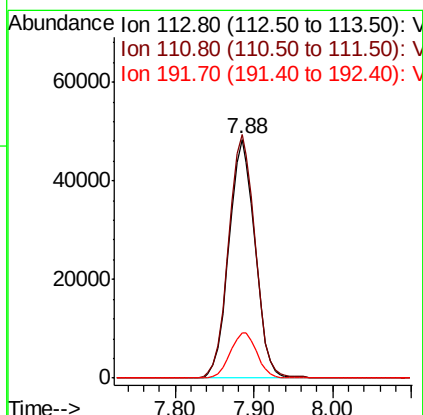
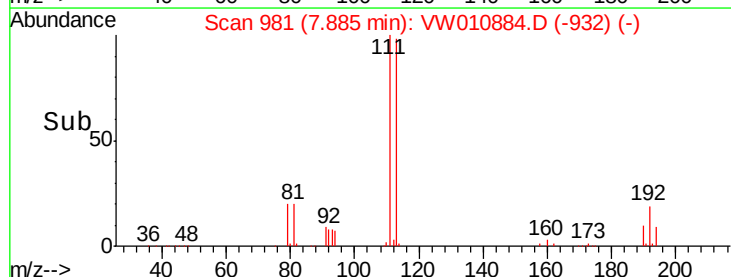
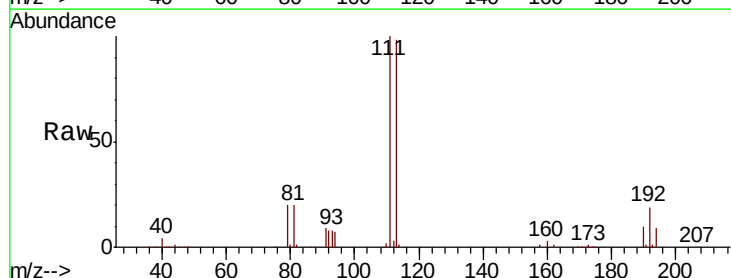
Instrument :
 MSVOA_W
 ClientSampled :

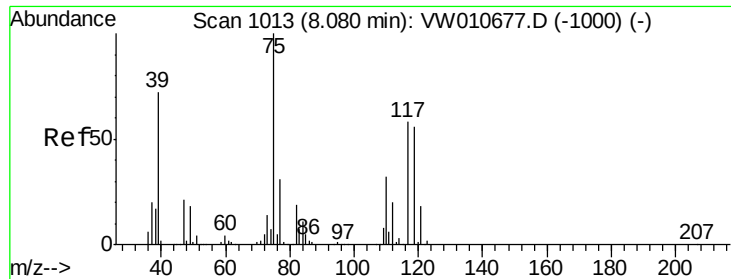
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	46.4
88	17.1	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 52.471 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010884.D
 Acq: 20 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	19.4	16.4	24.6

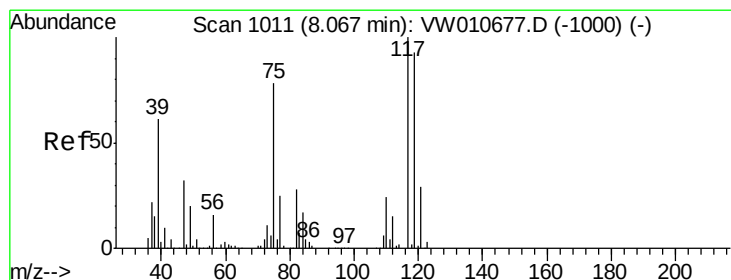
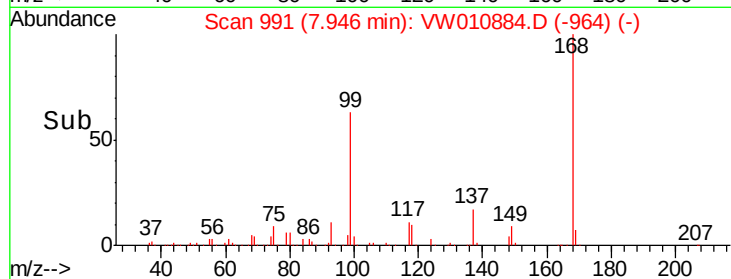
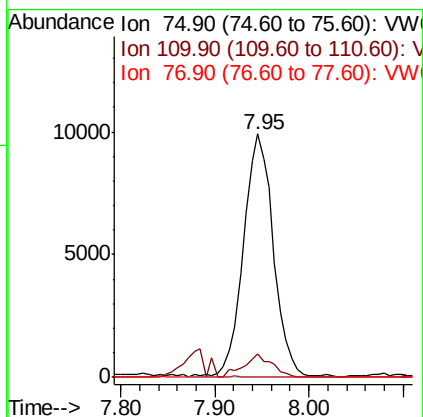
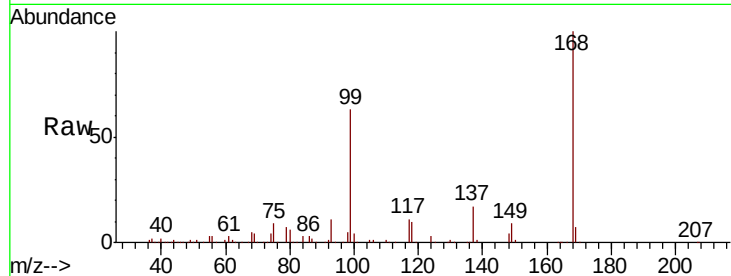




#36
 1,1-Dichloropropene
 Concen: 5.561 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010884.D
 Acq: 20 Jun 2019 11:25

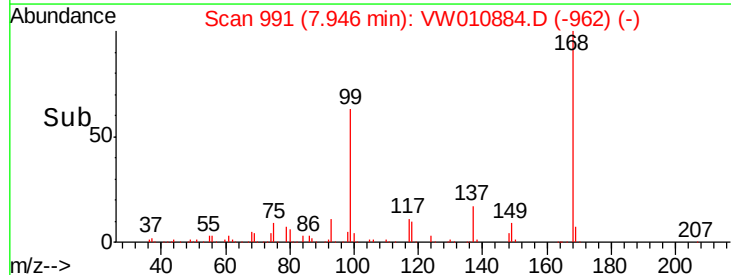
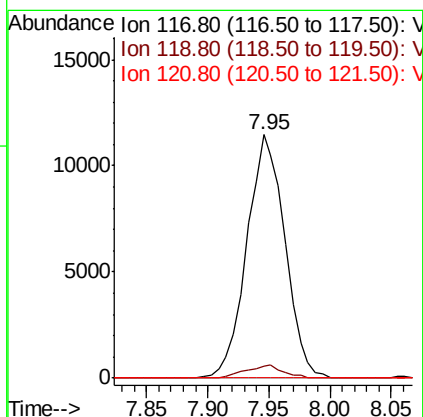
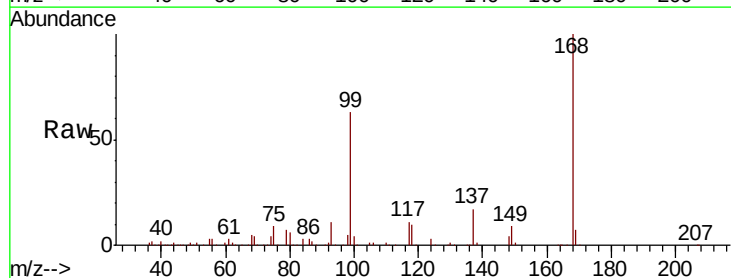
Instrument :
 MSVOA_W
 ClientSampleId :

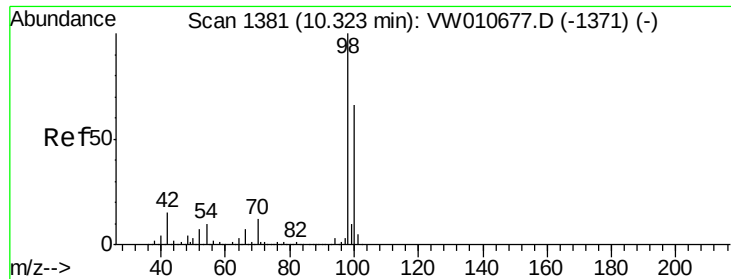
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	15.8	47.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 7.175 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010884.D
 Acq: 20 Jun 2019 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.2	111.4#
121	0.0	22.9	34.3#

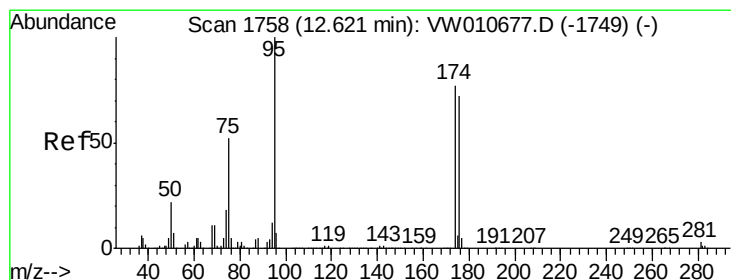
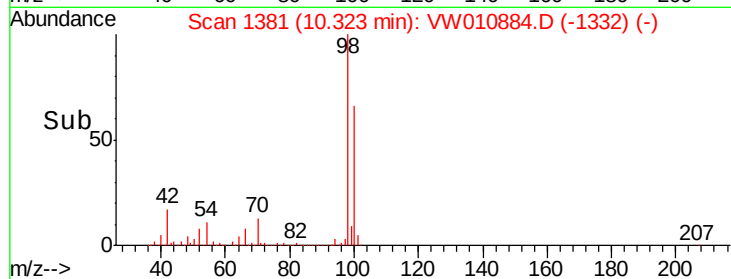
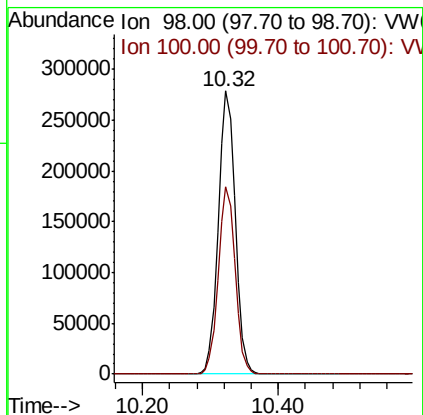
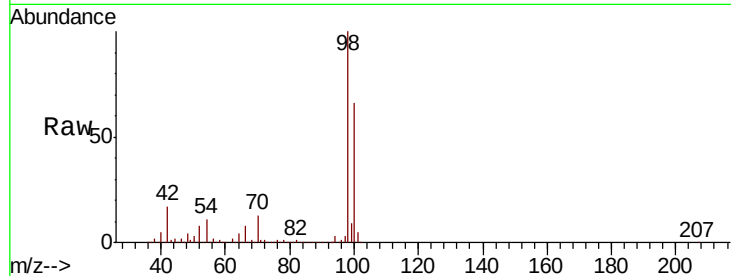




#50
Toluene-d8
Concen: 51.646 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010884.D
Acq: 20 Jun 2019 11:25

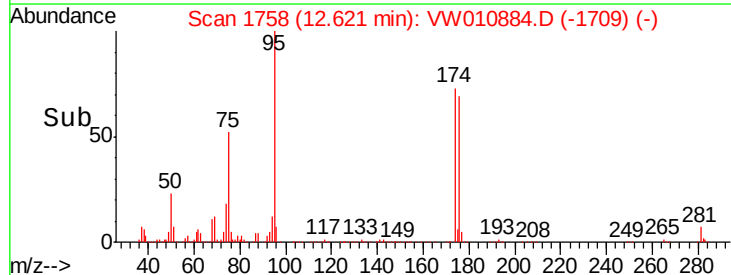
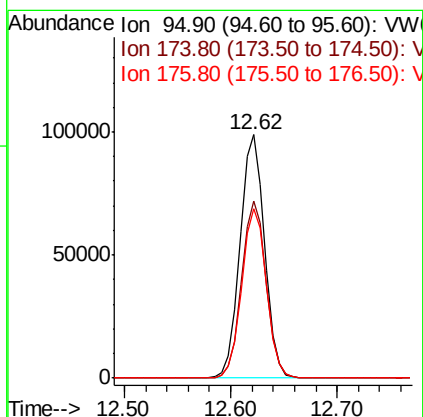
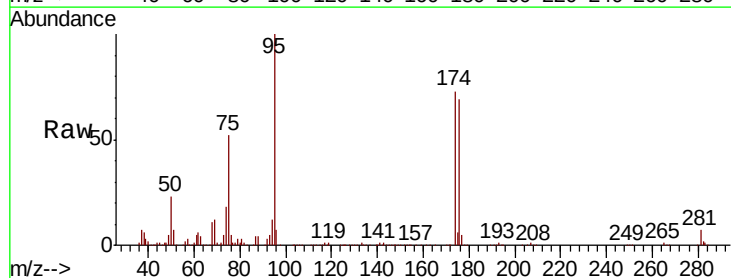
Instrument :
MSVOA_W
ClientSampleId :

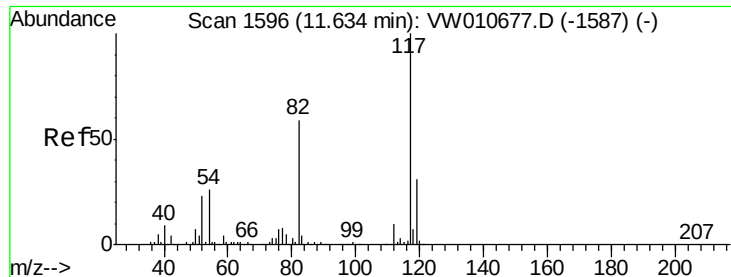
Tot Ion: 98 Resp: 481417
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.108 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010884.D
Acq: 20 Jun 2019 11:25

Tgt Ion: 95 Resp: 159786
Ion Ratio Lower Upper
95 100
174 72.7 0.0 150.4
176 69.9 0.0 144.8

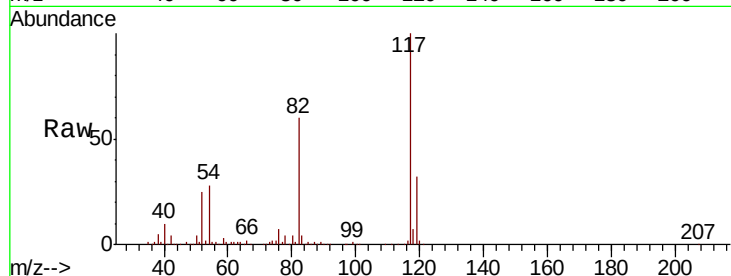




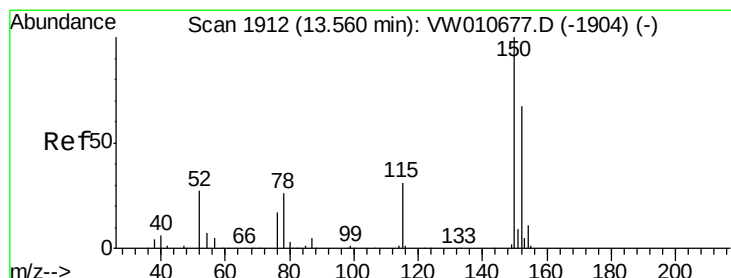
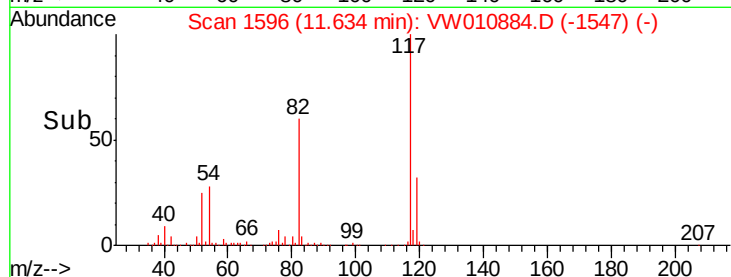
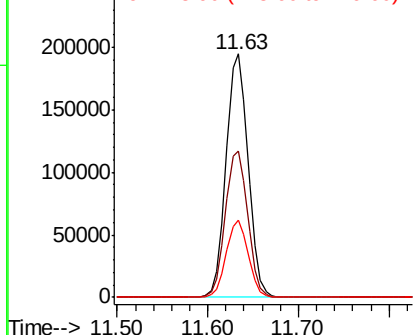
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010884.D
Acq: 20 Jun 2019 11:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 328202
Ion Ratio Lower Upper
117 100
82 59.9 47.0 70.4
119 31.8 25.1 37.7

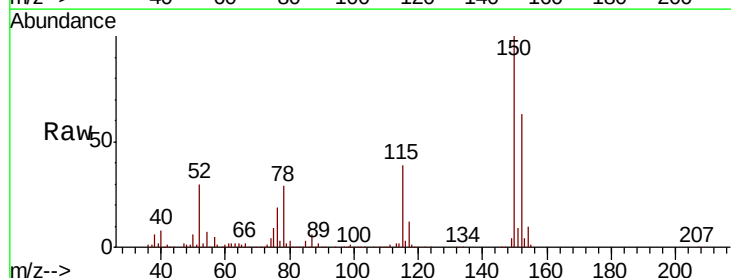


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

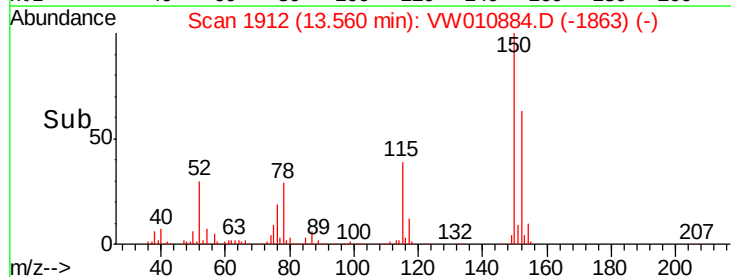
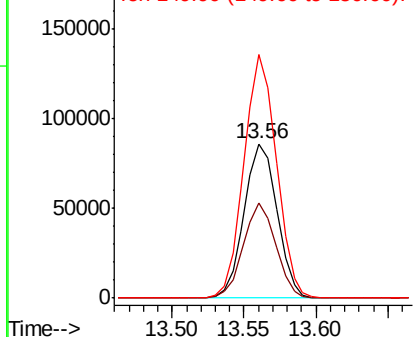


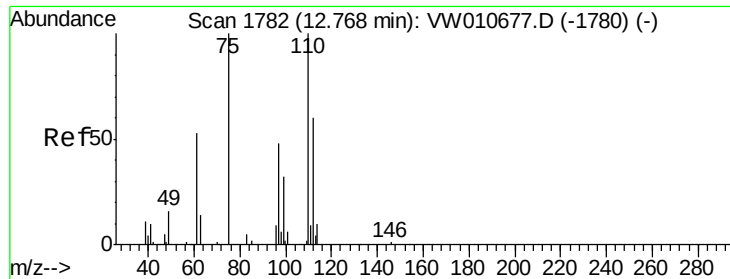
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010884.D
Acq: 20 Jun 2019 11:25

Tgt Ion:152 Resp: 135958
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 155.3 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

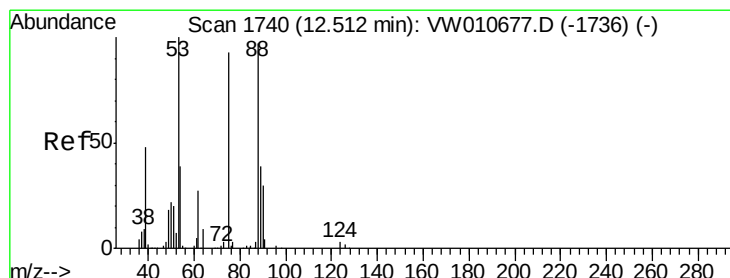
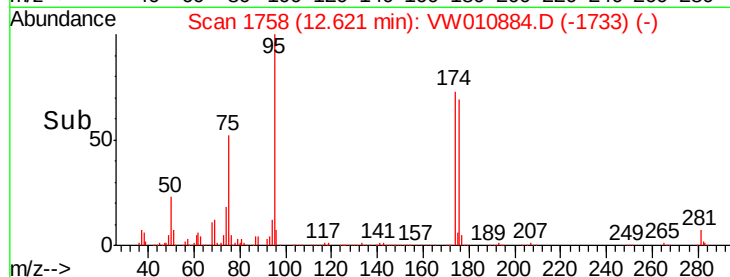
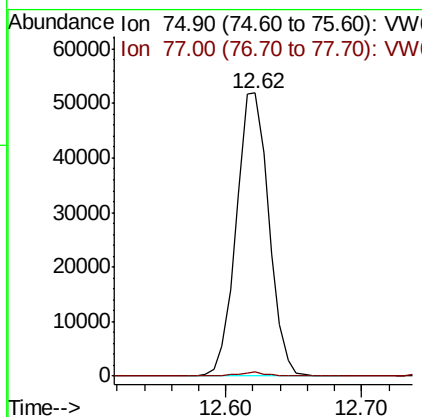
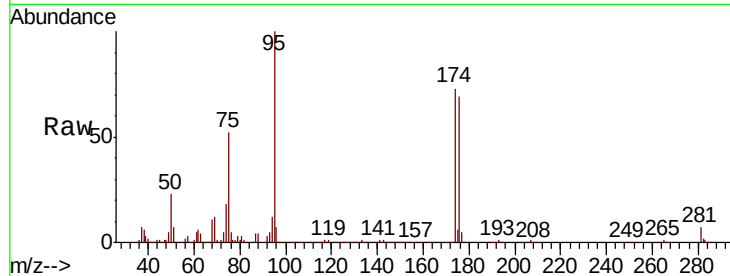




#76
 1,2,3-Trichloropropane
 Concen: 60.642 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010884.D
 Acq: 20 Jun 2019 11:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 86581
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.375 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010884.D
 Acq: 20 Jun 2019 11:25

Tgt Ion: 75 Resp: 86581
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.1 34.6 52.0#

