

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010847.D
 Acq On : 19 Jun 2019 13:35
 Operator : SY/VA
 Sample : VW0619SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBL01

Quant Time: Jun 20 05:46:49 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	264657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	431309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169141	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	160118	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
35) Dibromofluoromethane	7.88	113	122919	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
50) Toluene-d8	10.32	98	534909	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.62	95	185524	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	

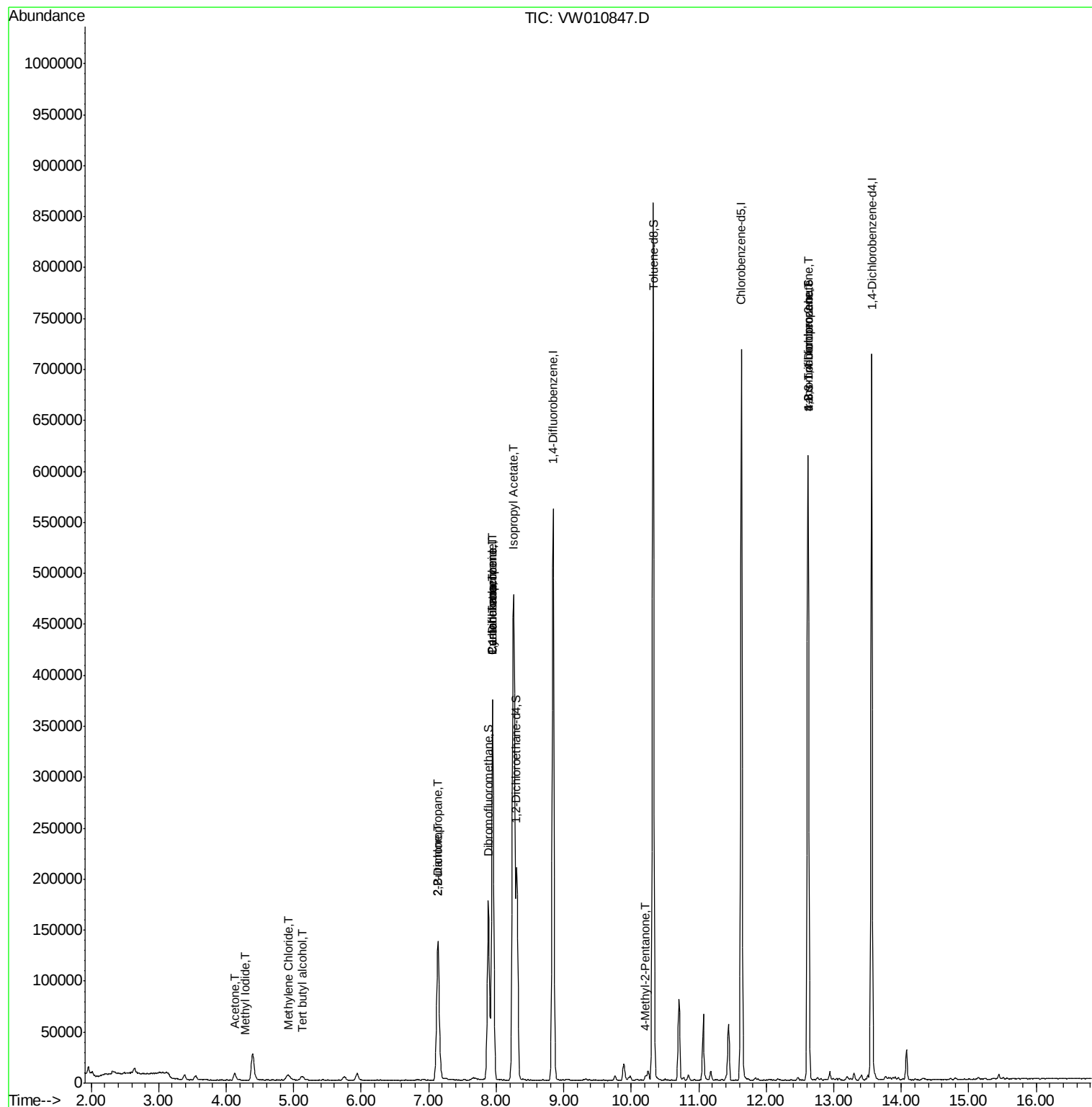
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.27	142	59	4.818	ug/l #	41
11) Tert butyl alcohol	5.13	59	4299	16.916	ug/l #	72
16) Acetone	4.13	43	12350	14.775	ug/l	100
20) Methylene Chloride	4.92	84	3369	1.149	ug/l	92
25) 2-Butanone	7.13	43	8068	6.961	ug/l #	82
26) 2,2-Dichloropropane	7.13	77	8923	1.937	ug/l #	55
31) Cyclohexane	7.94	56	7269	1.155	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	23621	5.350	ug/l #	52
38) Carbon Tetrachloride	7.95	117	27112	7.114	ug/l #	18
43) Isopropyl Acetate	8.25	43	15778	3.338	ug/l #	44
51) 4-Methyl-2-Pentanone	10.21	43	3651	1.512	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	102971	57.972	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	102971	133.239	ug/l #	5

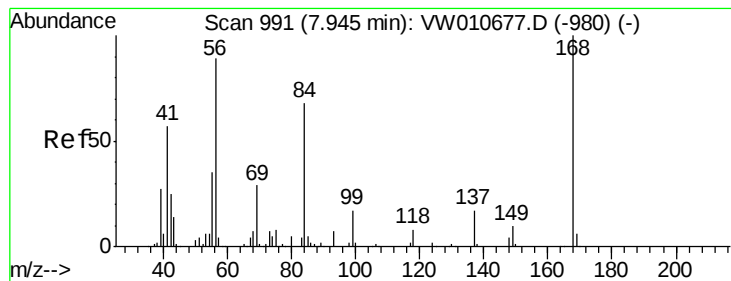
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061919\
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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: VW010847.D

Acq: 19 Jun 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

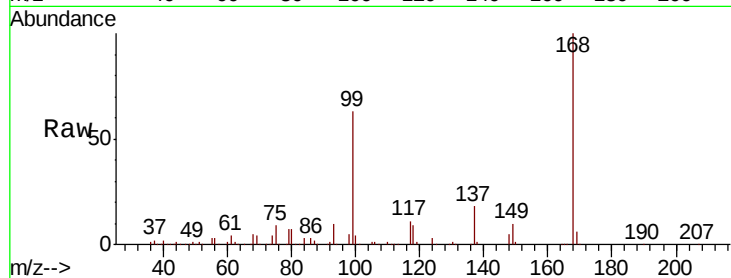
VW0619SBL01

Tot Ion:168 Resp: 264657

Ion Ratio Lower Upper

168 100

99 63.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

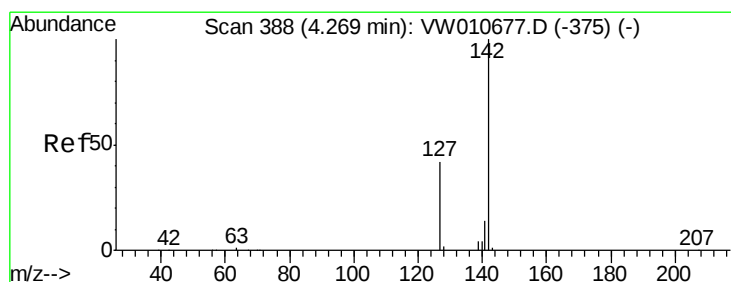
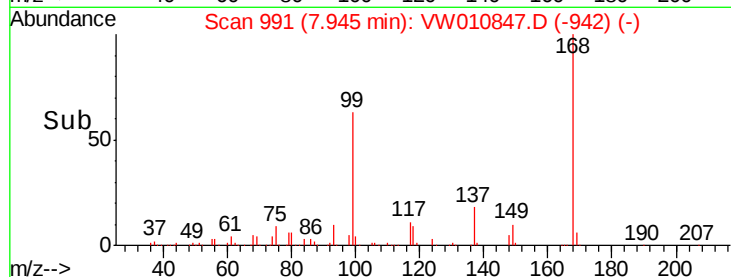
7.95

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 4.818 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010847.D

Acq: 19 Jun 2019 13:35

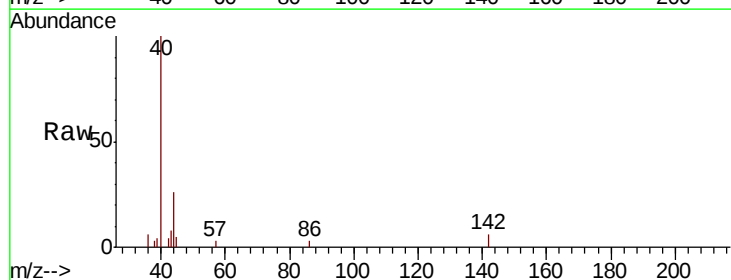
Tgt Ion:142 Resp: 59

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

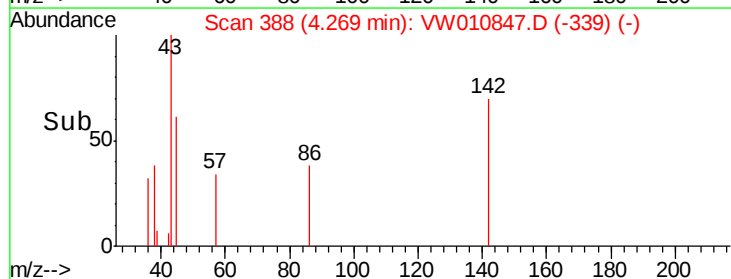
4.27

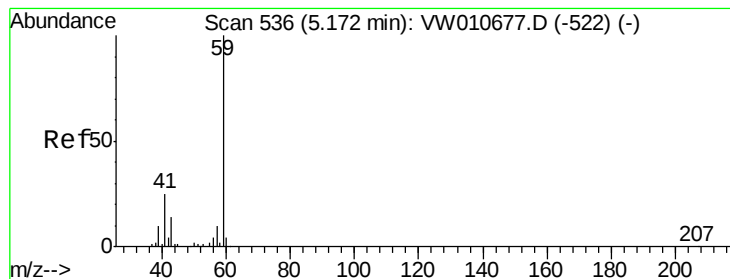
100

50

0

Time-->



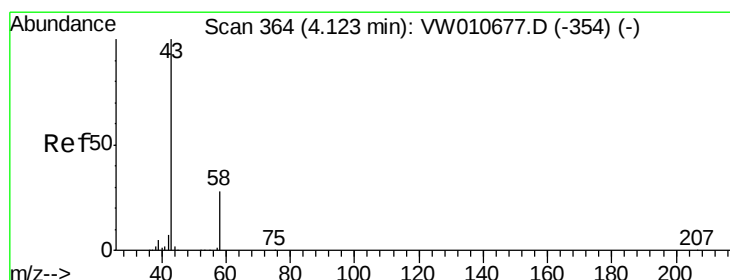
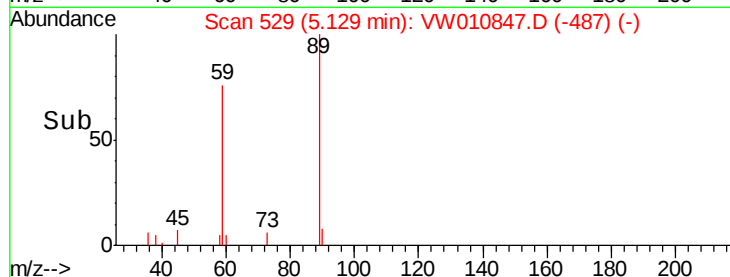
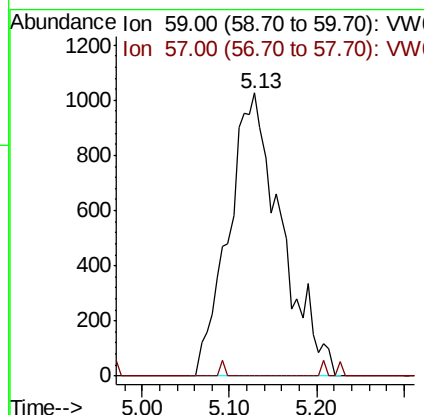
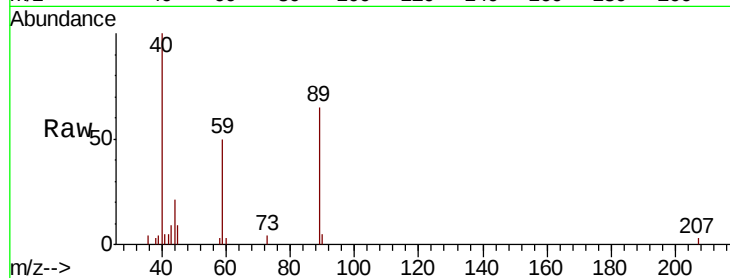


#11

Tert butyl alcohol
 Concen: 16.916 ug/l
 RT: 5.13 min Scan# 529
 Delta R.T. -0.04 min
 Lab File: VW010847.D
 Acq: 19 Jun 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBL01

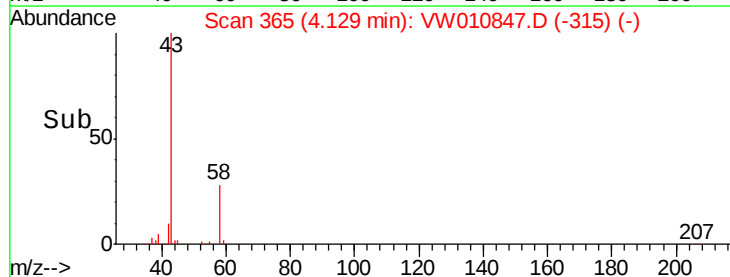
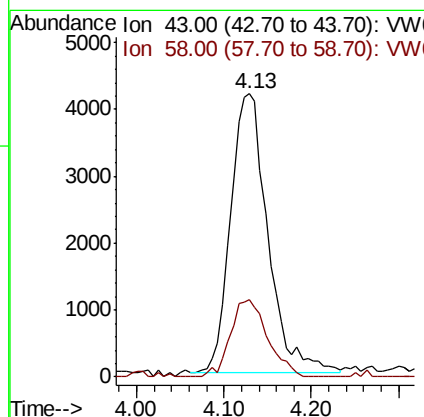
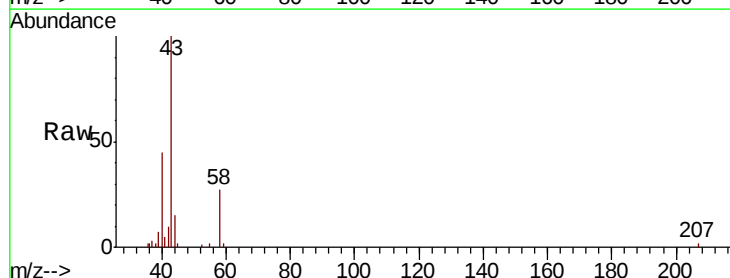
Tot Ion: 59 Resp: 4299
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

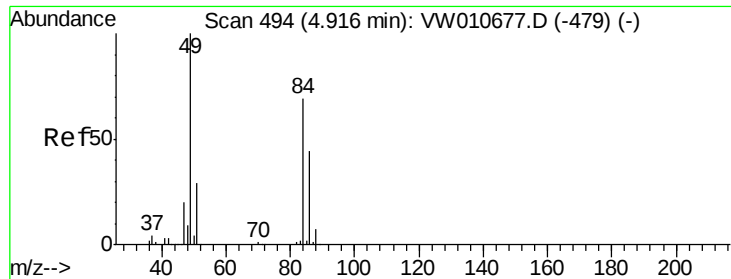


#16

Acetone
 Concen: 14.775 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW010847.D
 Acq: 19 Jun 2019 13:35

Tgt Ion: 43 Resp: 12350
 Ion Ratio Lower Upper
 43 100
 58 27.5 22.1 33.1

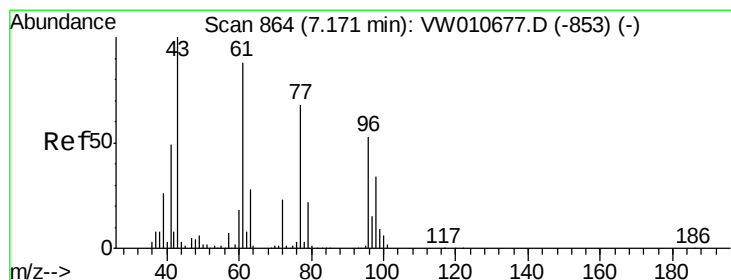
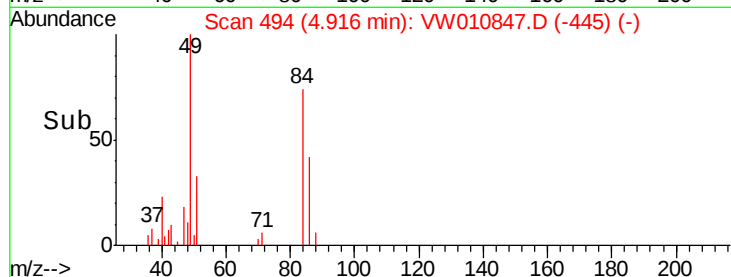
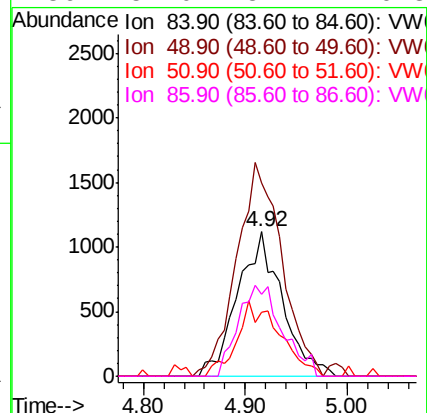
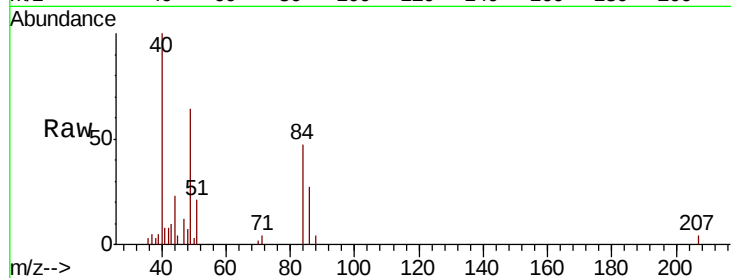




#20
Methylene Chloride
Concen: 1.149 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010847.D
Acq: 19 Jun 2019 13:35

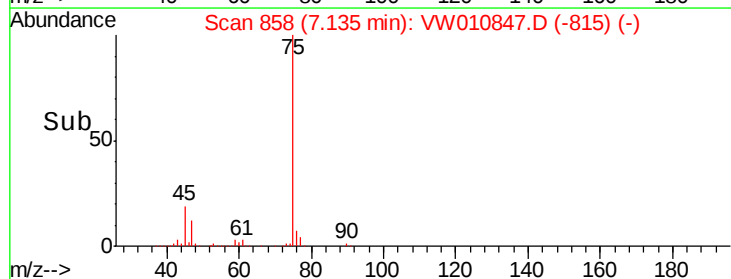
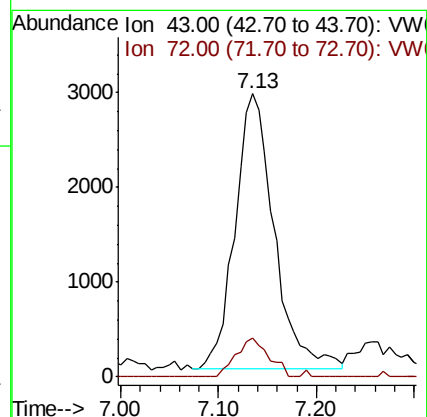
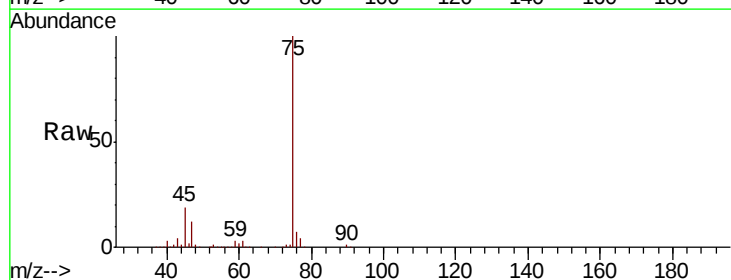
Instrument :
MSVOA_W
ClientSampled :
VW0619SBL01

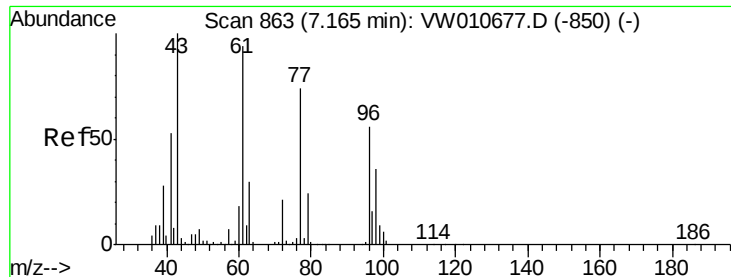
Tot Ion: 84 Resp: 3369
Ion Ratio Lower Upper
84 100
49 134.4 116.7 175.1
51 44.4 34.2 51.2
86 57.0 51.2 76.8



#25
2-Butanone
Concen: 6.961 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW010847.D
Acq: 19 Jun 2019 13:35

Tgt Ion: 43 Resp: 8068
Ion Ratio Lower Upper
43 100
72 14.0 18.1 27.1#





#26

2,2-Dichloropropane

Concen: 1.937 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW010847.D

Acq: 19 Jun 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

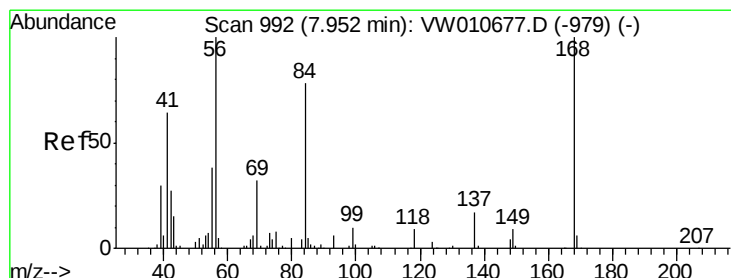
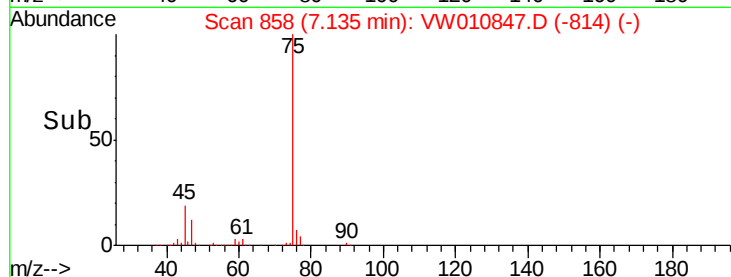
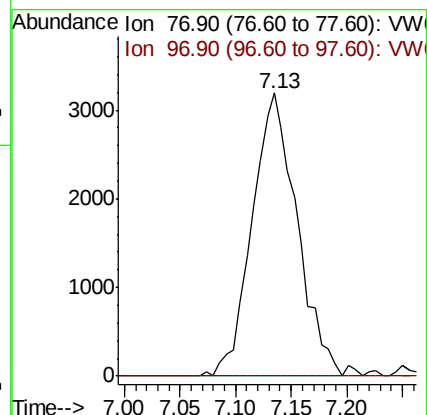
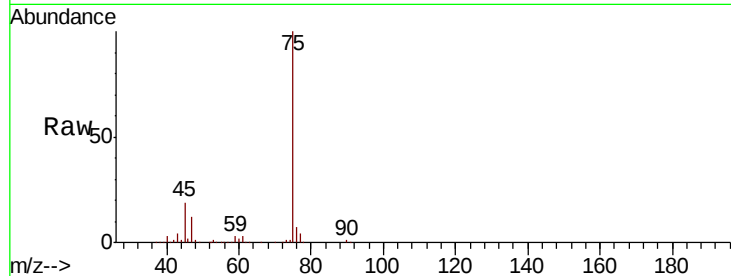
VW0619SBL01

Tot Ion: 77 Resp: 8923

Ion Ratio Lower Upper

77 100

97 0.0 10.5 31.6#



#31

Cyclohexane

Concen: 1.155 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW010847.D

Acq: 19 Jun 2019 13:35

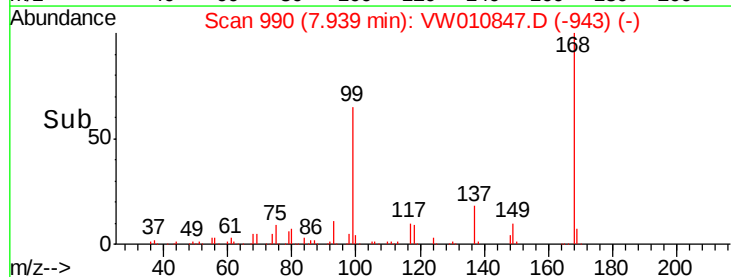
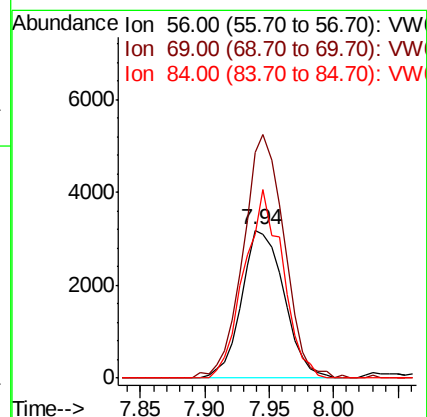
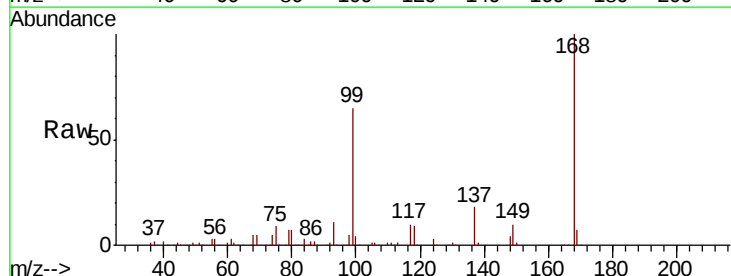
Tgt Ion: 56 Resp: 7269

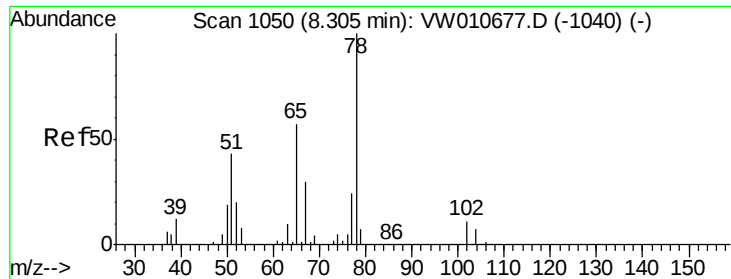
Ion Ratio Lower Upper

56 100

69 152.6 25.2 37.8#

84 96.8 62.2 93.2#

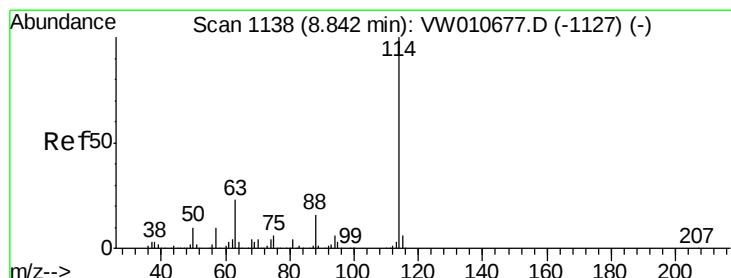
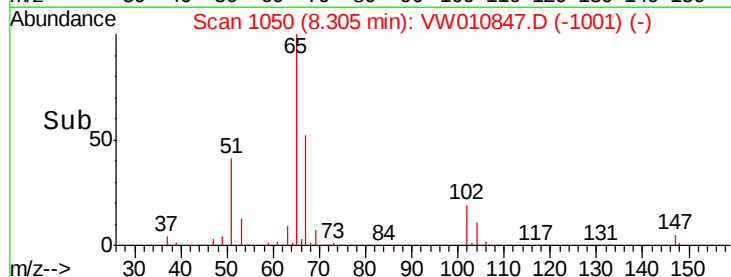
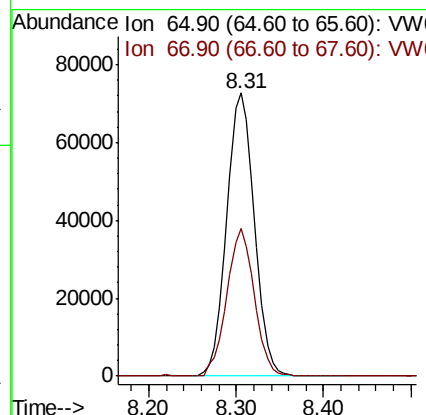
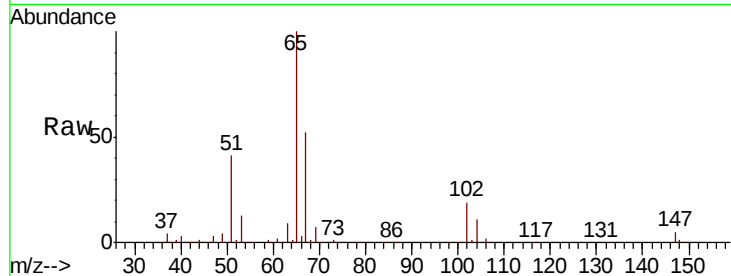




#33
 1,2-Dichloroethane-d4
 Concen: 51.329 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010847.D
 Acq: 19 Jun 2019 13:35

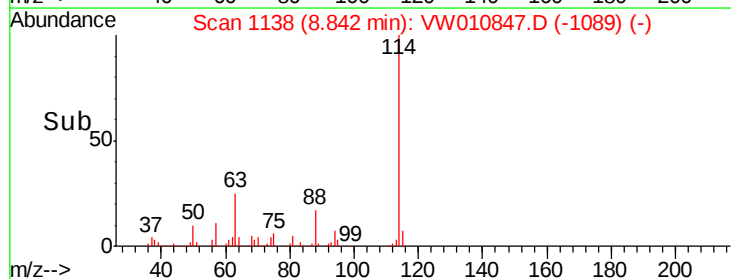
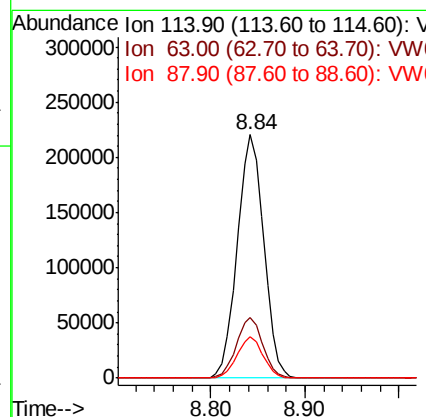
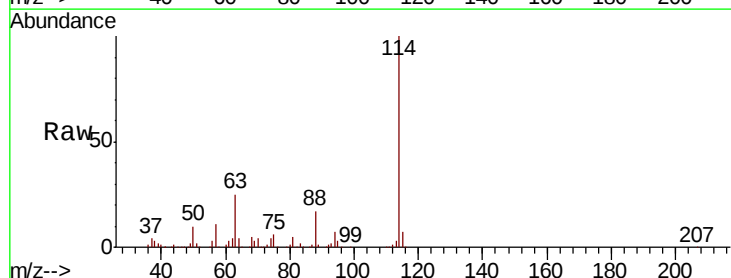
Instrument :
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 VW0619SBL01

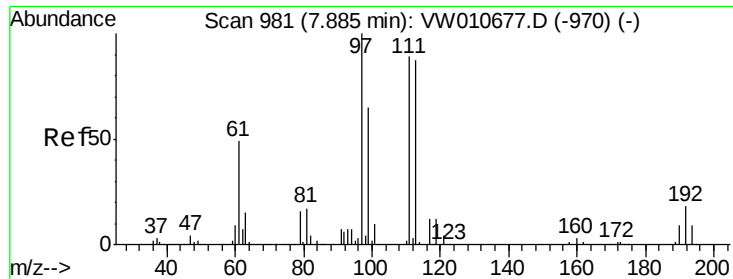
Tot Ion: 65 Resp: 160118
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010847.D
 Acq: 19 Jun 2019 13:35

Tgt Ion: 114 Resp: 431309
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 46.4
 88 17.0 0.0 32.2

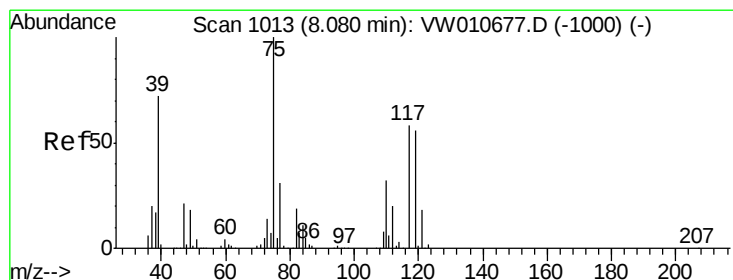
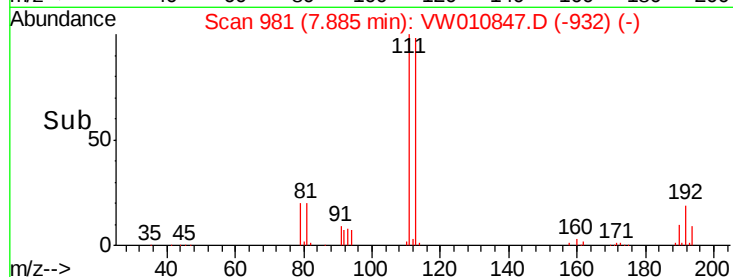
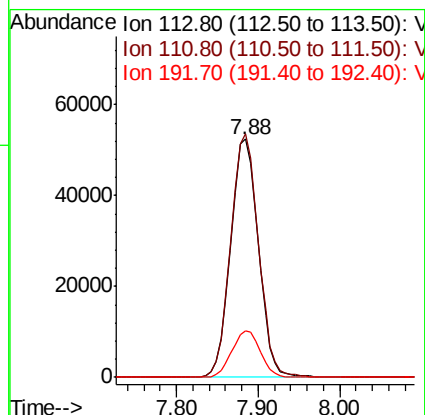
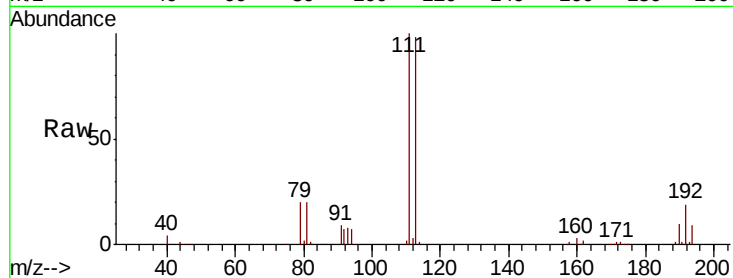




#35
 Dibromofluoromethane
 Concen: 52.506 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010847.D
 Acq: 19 Jun 2019 13:35

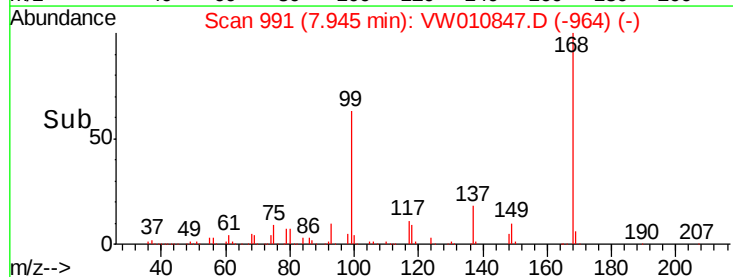
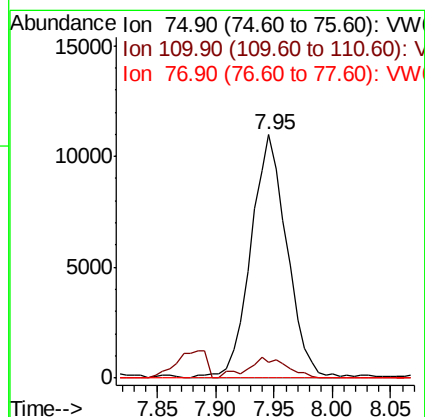
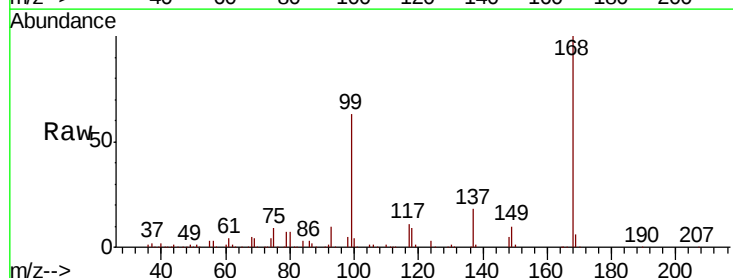
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBL01

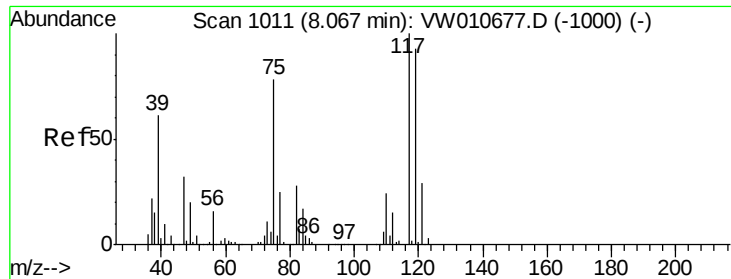
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	19.8	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 5.350 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010847.D
 Acq: 19 Jun 2019 13:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	15.8	47.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 7.114 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010847.D

Acq: 19 Jun 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBL01

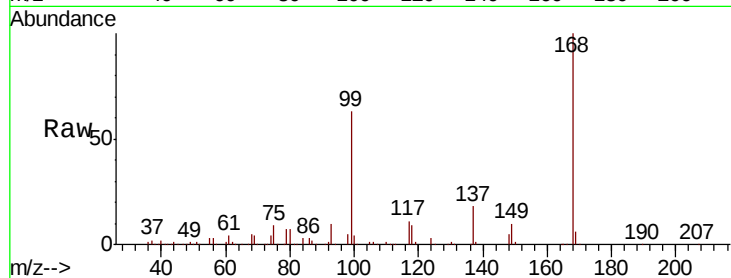
Tot Ion:117 Resp: 27112

Ion Ratio Lower Upper

117 100

119 5.6 74.2 111.4#

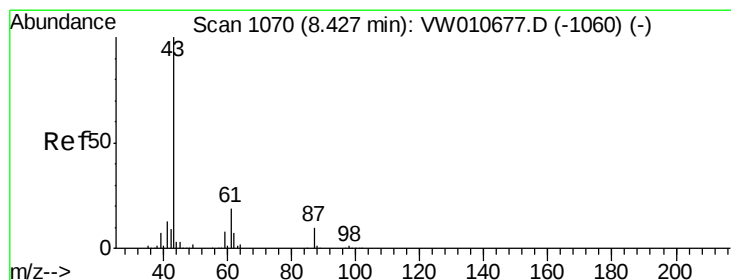
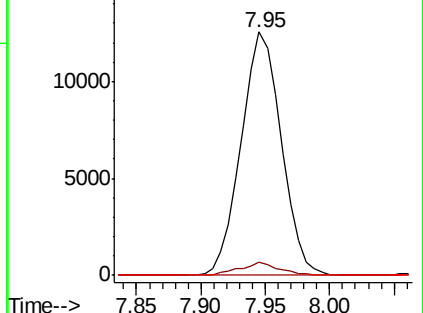
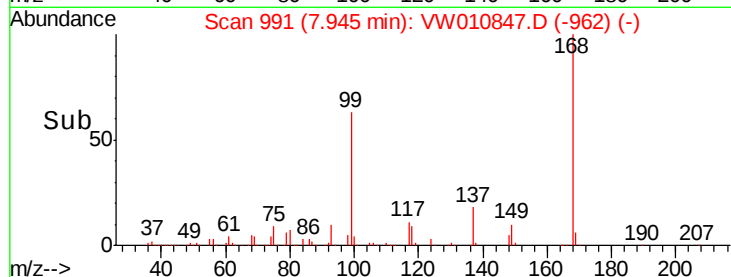
121 0.0 22.9 34.3#



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



#43

Isopropyl Acetate

Concen: 3.338 ug/l

RT: 8.25 min Scan# 1041

Delta R.T. -0.18 min

Lab File: VW010847.D

Acq: 19 Jun 2019 13:35

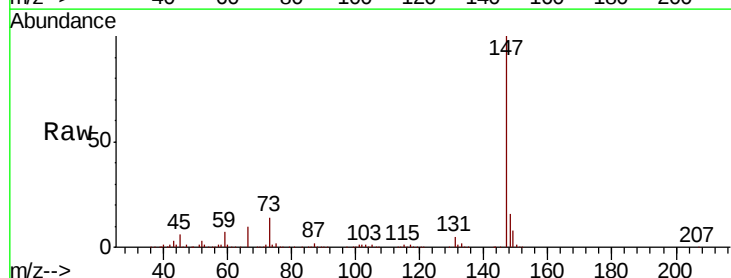
Tgt Ion: 43 Resp: 15778

Ion Ratio Lower Upper

43 100

61 15.4 21.2 31.8#

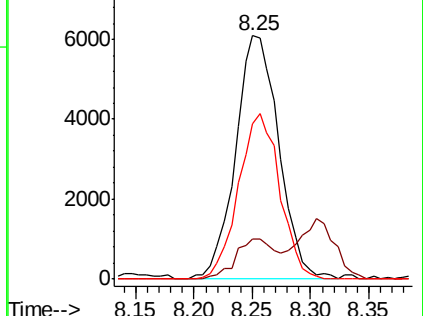
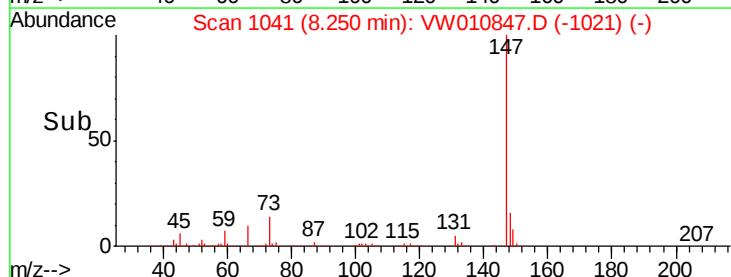
87 64.4 8.3 12.5#

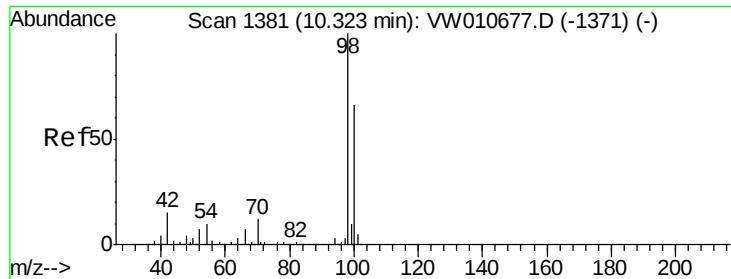


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#50

Toluene-d8

Concen: 52.106 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010847.D

Acq: 19 Jun 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

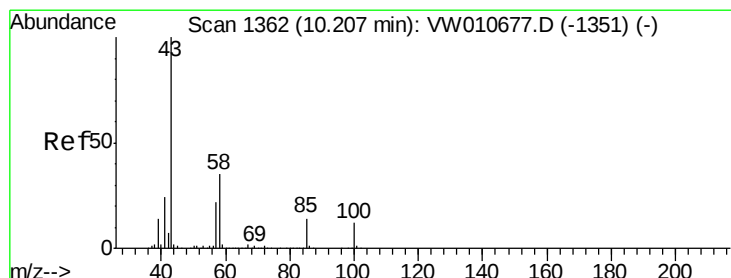
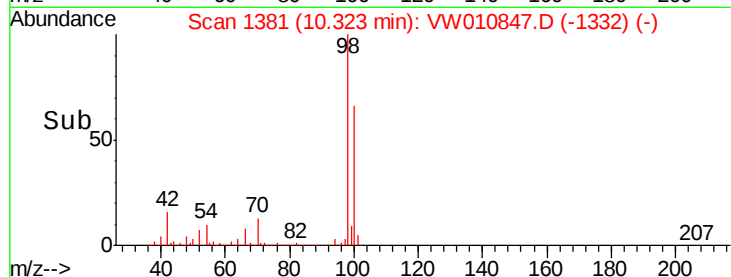
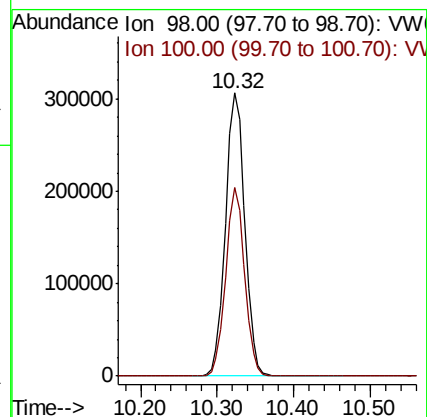
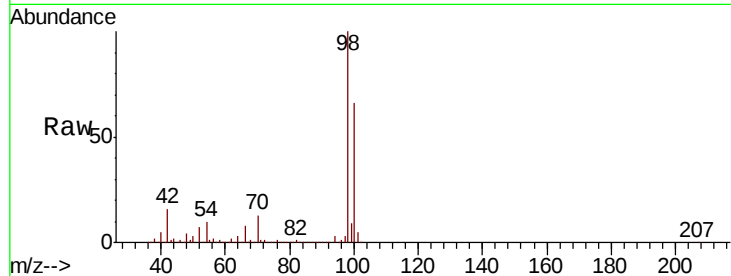
VW0619SBL01

Tot Ion: 98 Resp: 534909

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 1.512 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010847.D

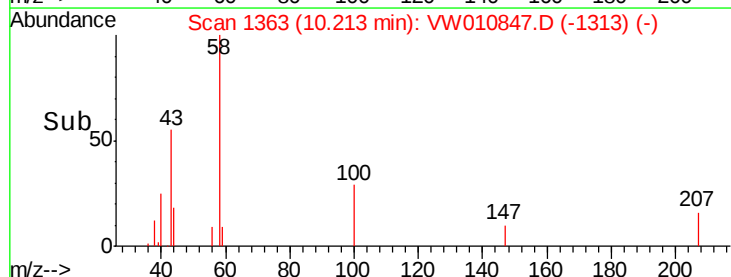
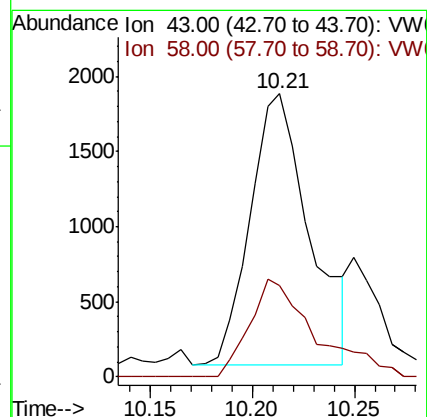
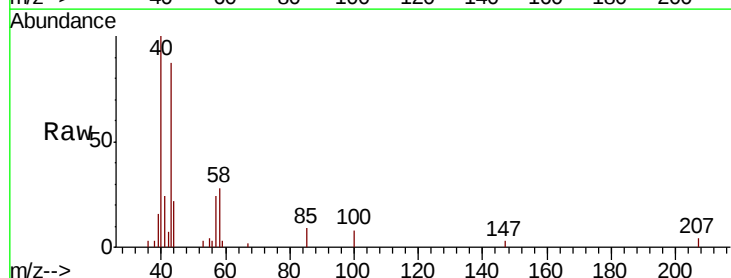
Acq: 19 Jun 2019 13:35

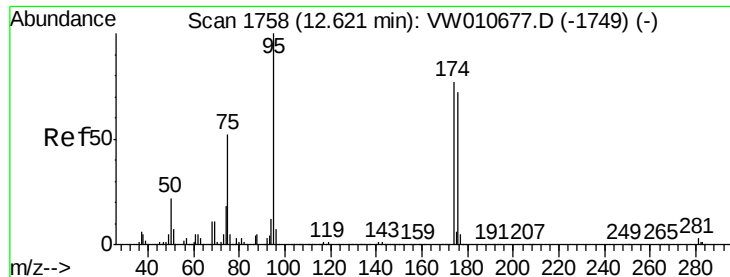
Tgt Ion: 43 Resp: 3651

Ion Ratio Lower Upper

43 100

58 40.0 28.4 42.6

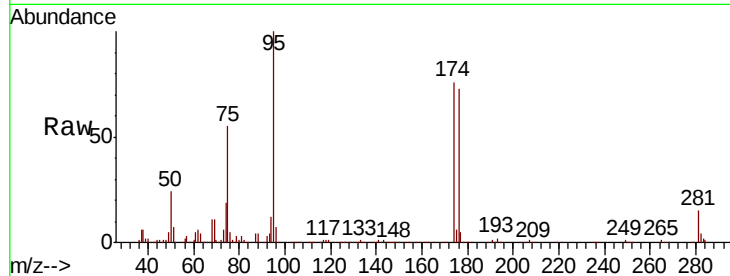




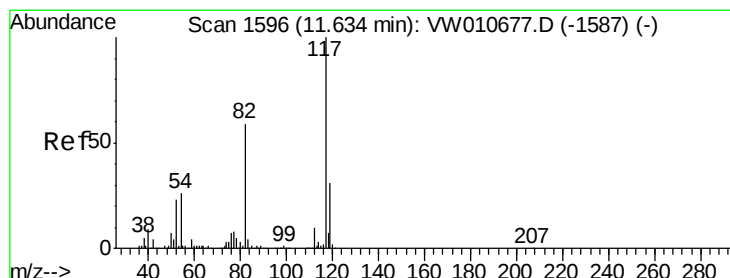
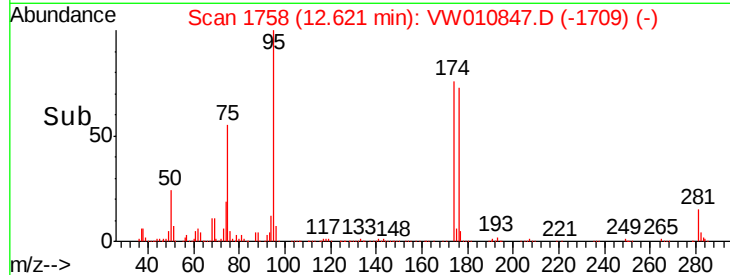
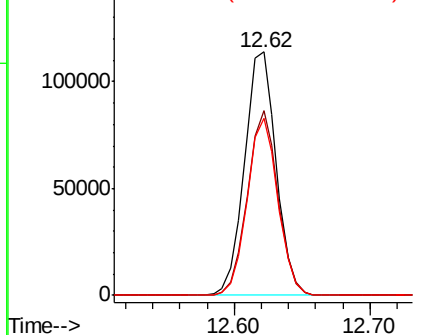
#62
4-Bromofluorobenzene
Concen: 49.664 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010847.D
Acq: 19 Jun 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBL01

Tot Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	150.4
176	70.8	0.0	144.8

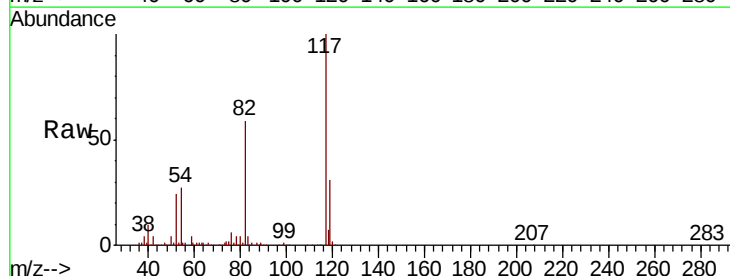


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

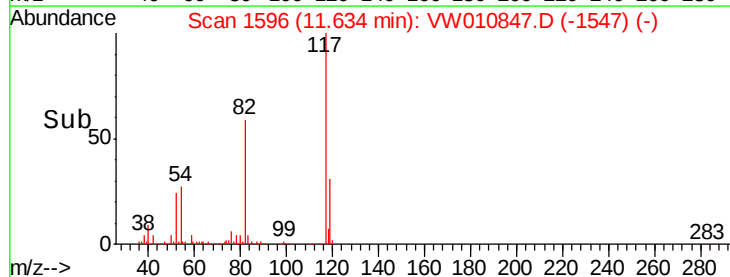
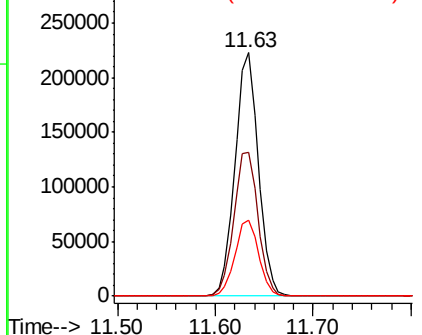


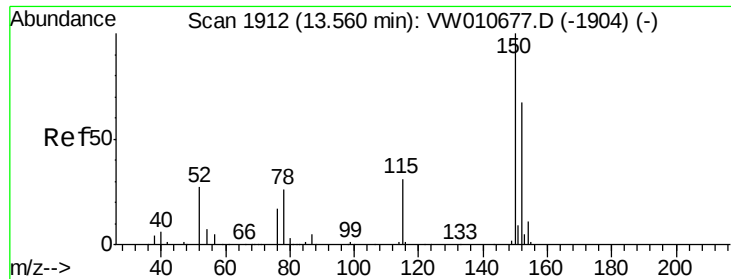
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010847.D
Acq: 19 Jun 2019 13:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.0	70.4
119	31.3	25.1	37.7



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010847.D

Acq: 19 Jun 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBL01

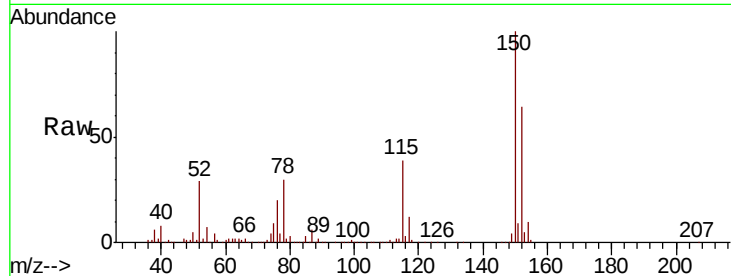
Tot Ion:152 Resp: 169141

Ion Ratio Lower Upper

152 100

115 60.9 29.8 89.3

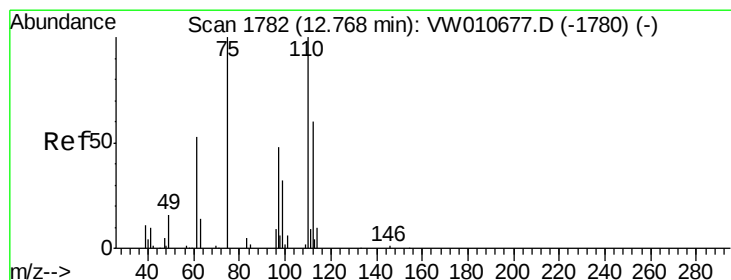
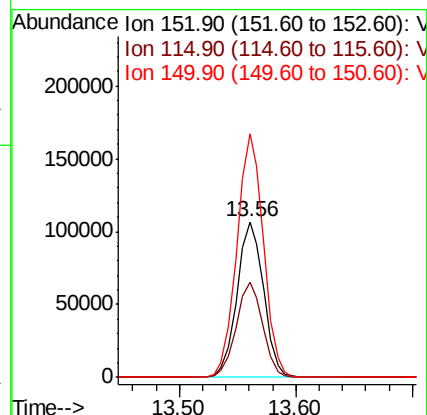
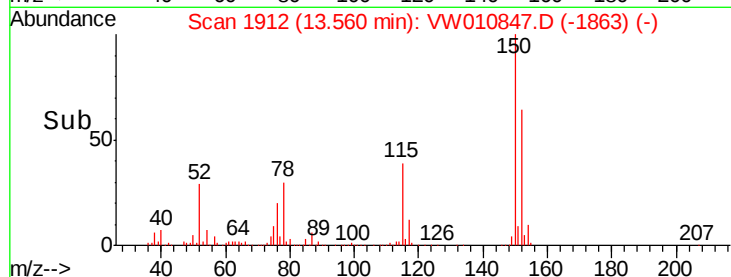
150 156.4 0.0 345.0



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: 57.972 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW010847.D

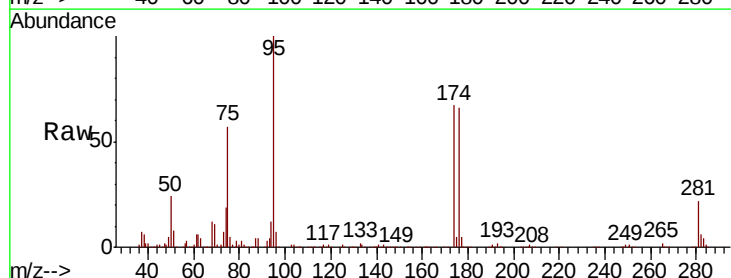
Acq: 19 Jun 2019 13:35

Tgt Ion: 75 Resp: 102971

Ion Ratio Lower Upper

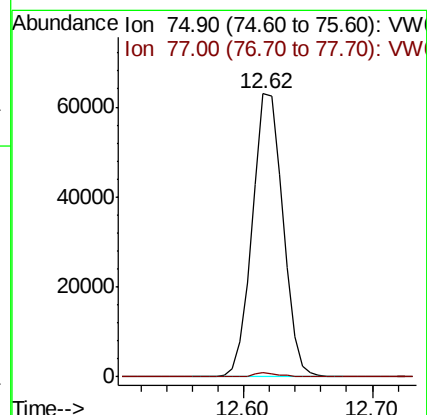
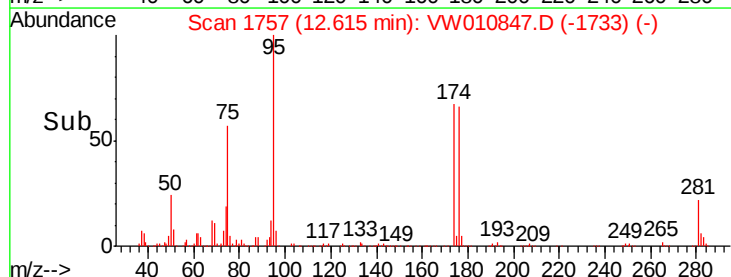
75 100

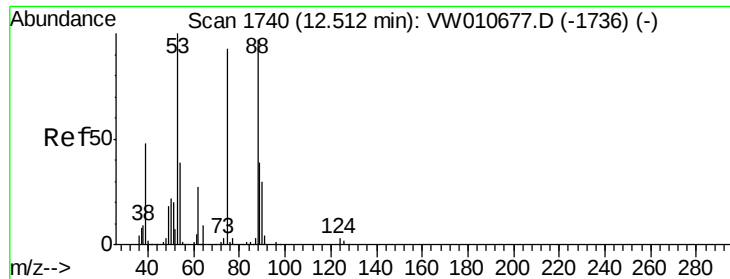
77 1.3 0.0 0.0#



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: 133.239 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW010847.D

Acq: 19 Jun 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBL01

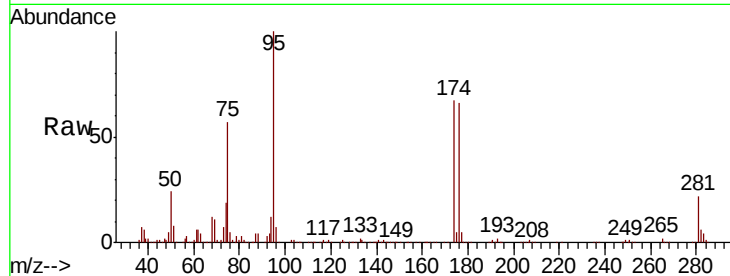
Tot Ion: 75 Resp: 102971

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.1 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

