

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010737.D
 Acq On : 10 Jun 2019 11:24
 Operator : SY/VA
 Sample : VW0610SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBL01

Quant Time: Jun 11 05:23:26 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	213034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137254	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	143555	57.17	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.88	113	108793	54.53	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.32	98	476833	54.50	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.62	95	165154	51.88	ug/l	0.00
Spiked Amount						

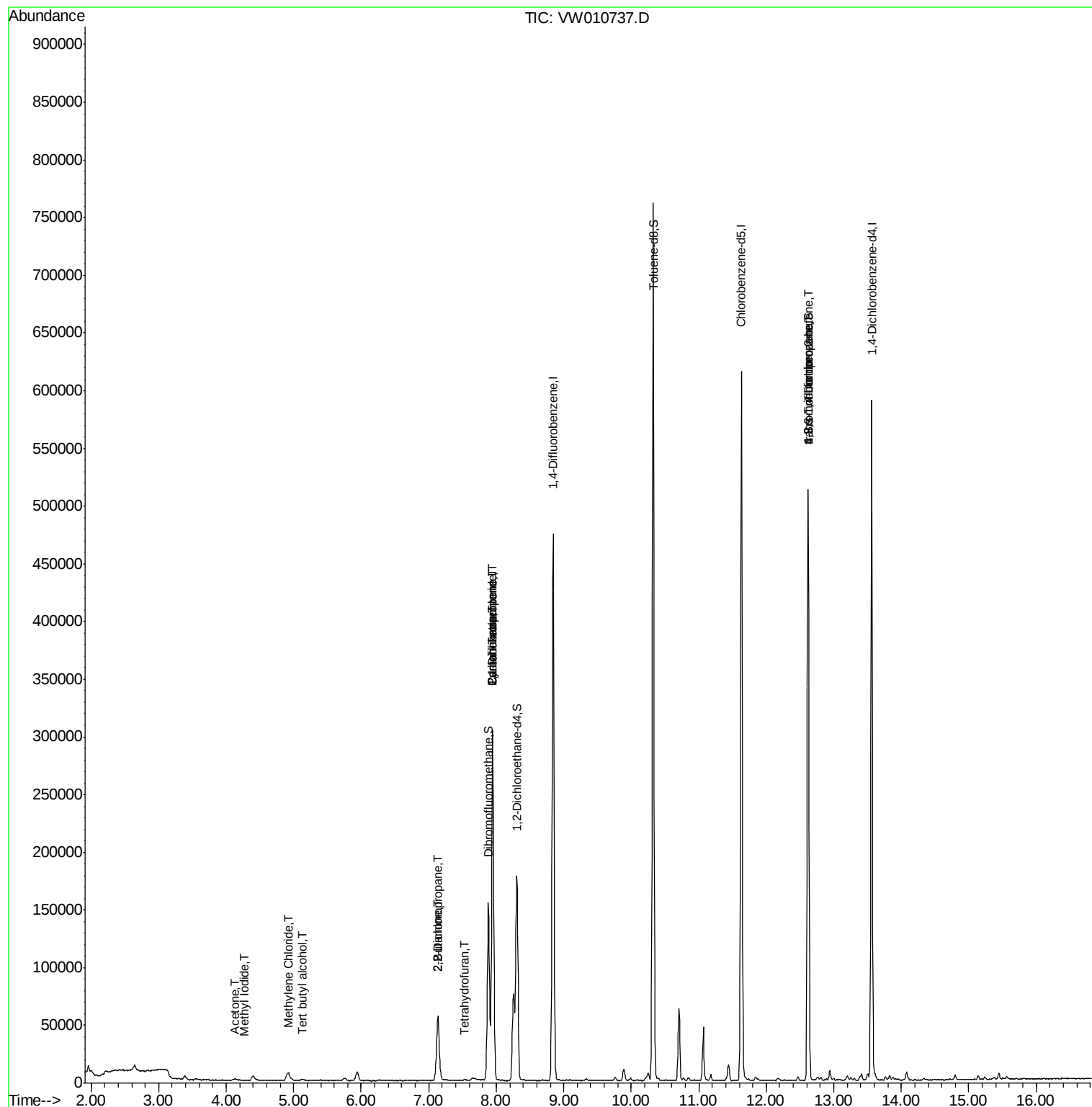
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	66	4.826	ug/l #	41
11) Tert butyl alcohol	5.12	59	1519	7.426	ug/l #	75
16) Acetone	4.12	43	2586	3.844	ug/l	100
20) Methylene Chloride	4.92	84	4748	2.012	ug/l	92
25) 2-Butanone	7.14	43	3906	4.187	ug/l #	78
26) 2,2-Dichloropropane	7.14	77	3902	1.052	ug/l #	55
29) Tetrahydrofuran	7.54	42	1017	1.733	ug/l #	76
31) Cyclohexane	7.95	56	5997	1.184	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19021	5.056	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21600	6.650	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	91402	63.414	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91402	145.746	ug/l #	5

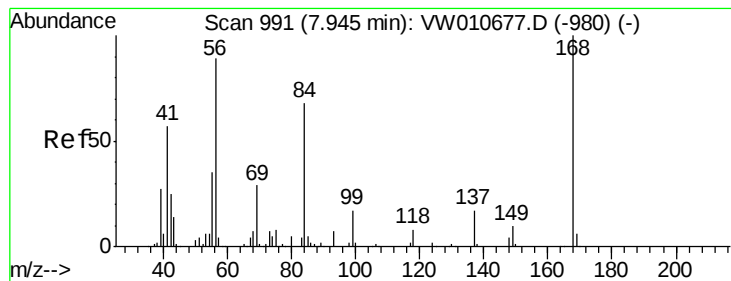
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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Operator : SY/VA
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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: VW010737.D

Acq: 10 Jun 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

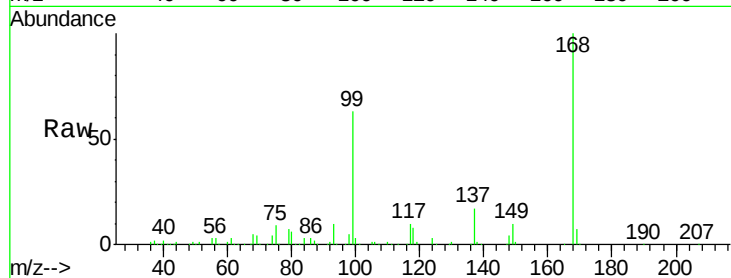
VW0610SBL01

Tgt Ion:168 Resp: 213034

Ion Ratio Lower Upper

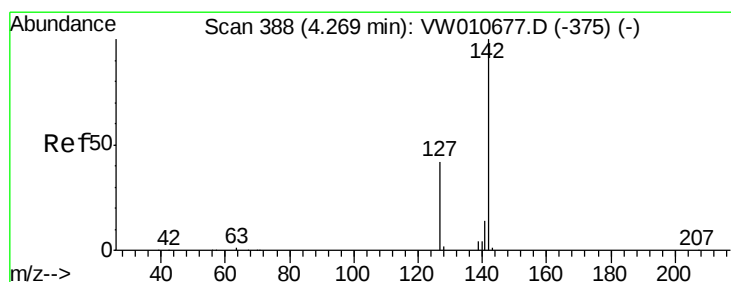
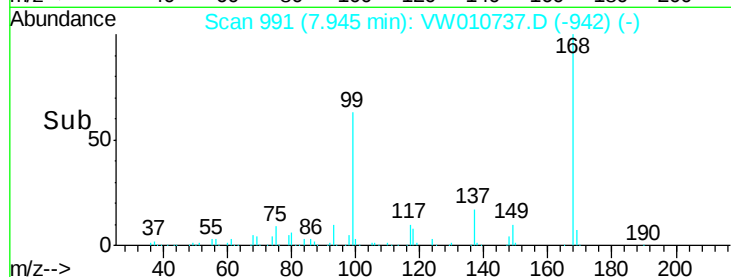
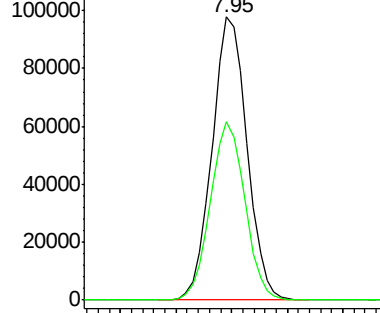
168 100

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



#10

Methyl Iodide

Concen: 4.826 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW010737.D

Acq: 10 Jun 2019 11:24

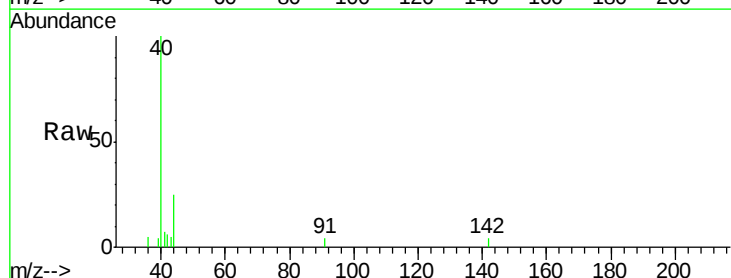
Tgt Ion:142 Resp: 66

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

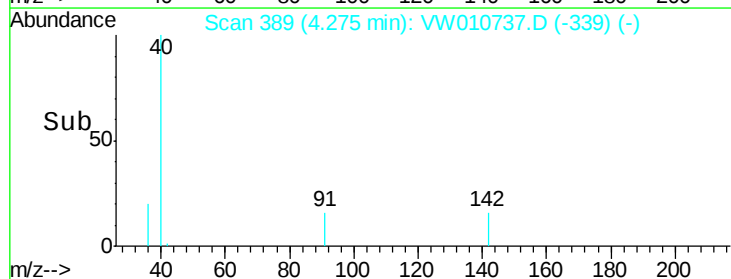
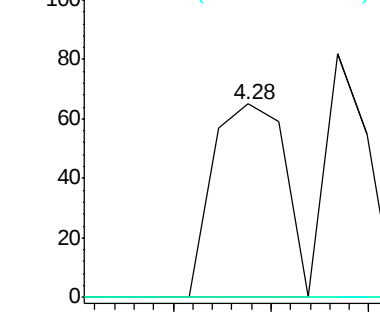
141 0.0 11.6 17.4#

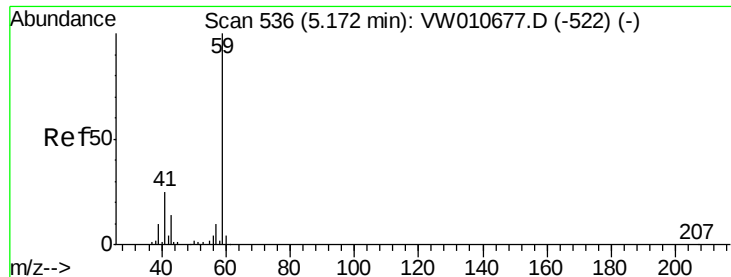


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



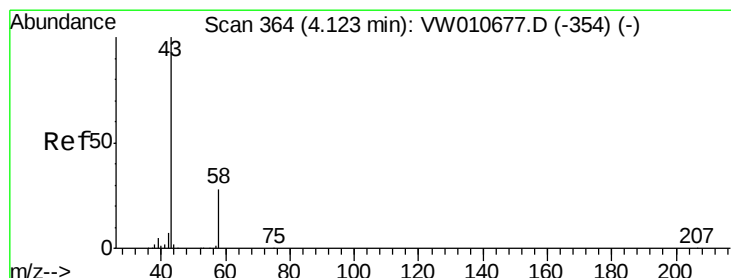
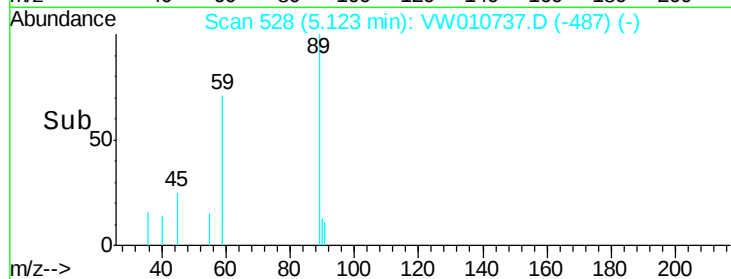
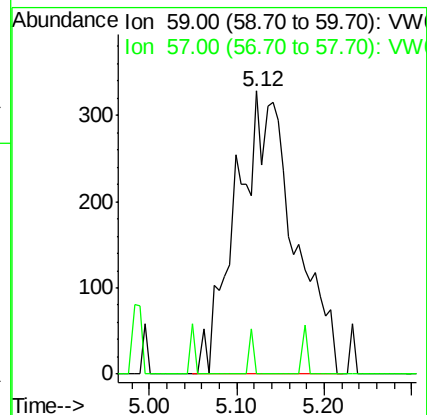
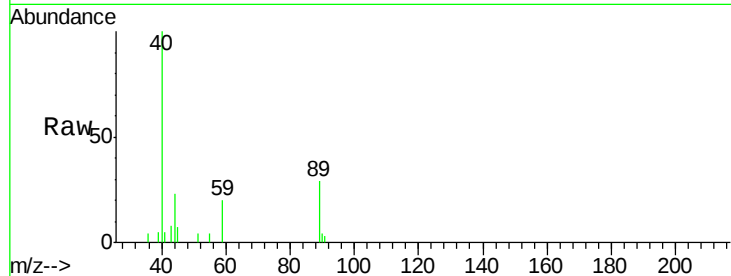


#11

Tert butyl alcohol
 Concen: 7.426 ug/l
 RT: 5.12 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: VW010737.D
 Acq: 10 Jun 2019 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBL01

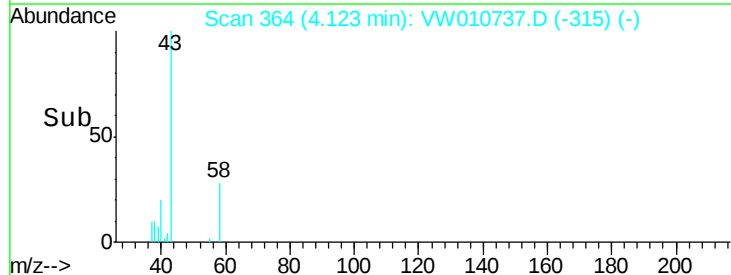
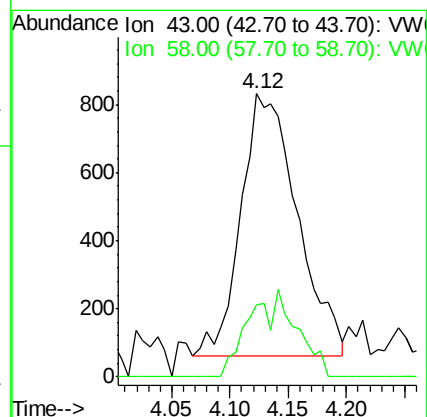
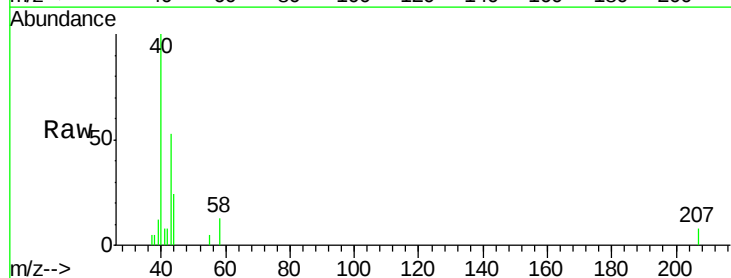
Tgt Ion: 59 Resp: 1519
 Ion Ratio Lower Upper
 59 100
 57 1.3 8.6 12.8#

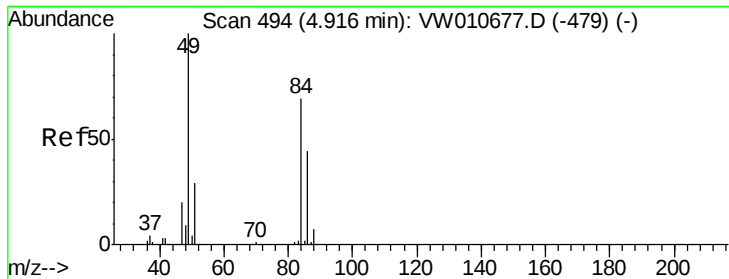


#16

Acetone
 Concen: 3.844 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW010737.D
 Acq: 10 Jun 2019 11:24

Tgt Ion: 43 Resp: 2586
 Ion Ratio Lower Upper
 43 100
 58 27.6 22.1 33.1

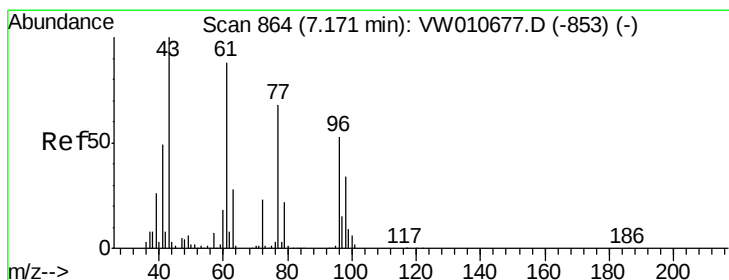
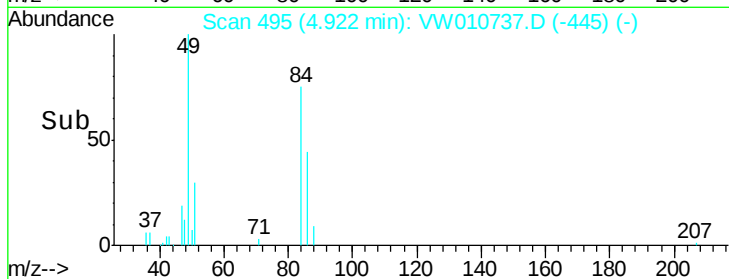
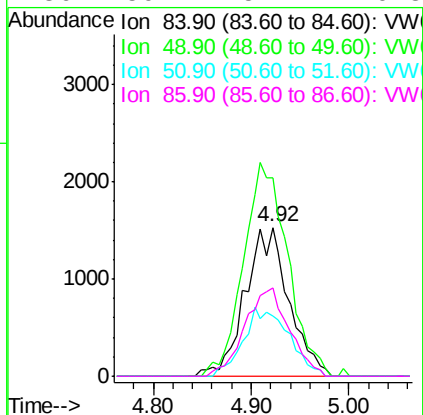
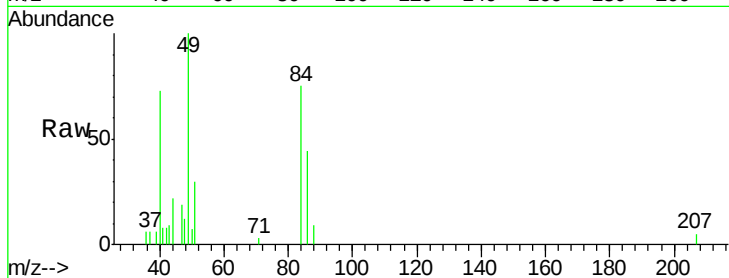




#20
Methylene Chloride
Concen: 2.012 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010737.D
Acq: 10 Jun 2019 11:24

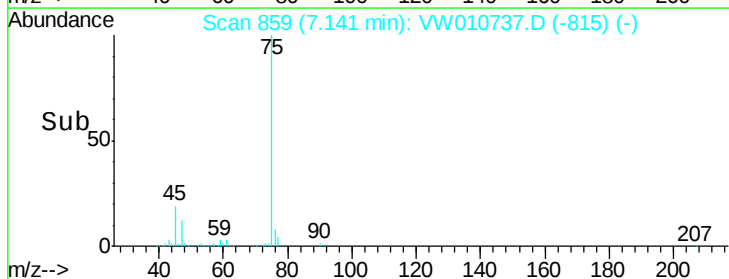
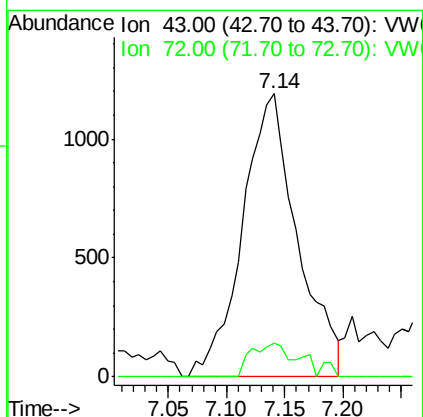
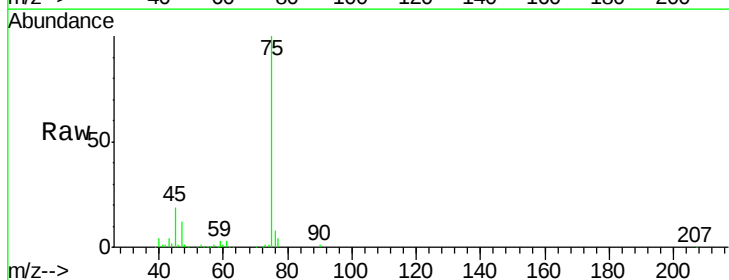
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBL01

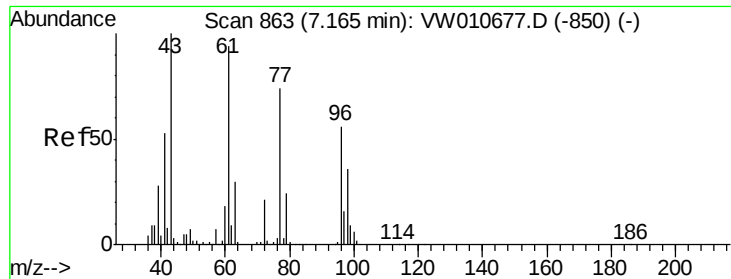
Tgt Ion: 84 Resp: 4748
Ion Ratio Lower Upper
84 100
49 133.5 116.7 175.1
51 40.0 34.2 51.2
86 59.4 51.2 76.8



#25
2-Butanone
Concen: 4.187 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW010737.D
Acq: 10 Jun 2019 11:24

Tgt Ion: 43 Resp: 3906
Ion Ratio Lower Upper
43 100
72 11.8 18.1 27.1#

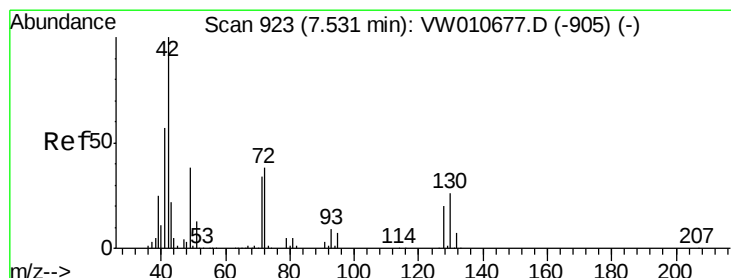
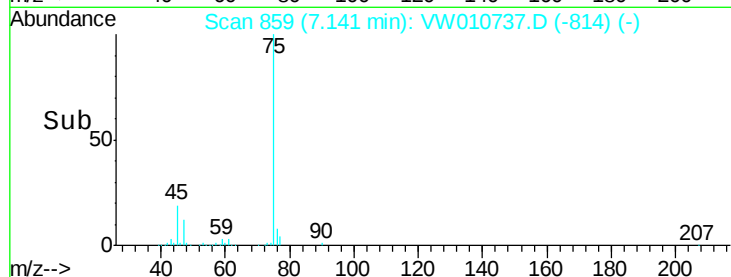
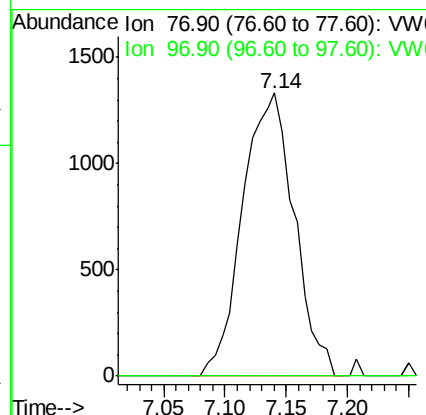
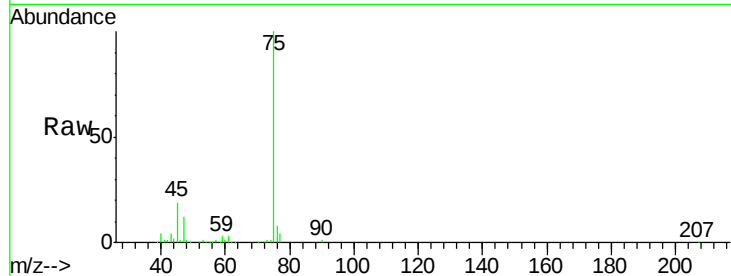




#26
 2,2-Dichloropropane
 Concen: 1.052 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW010737.D
 Acq: 10 Jun 2019 11:24

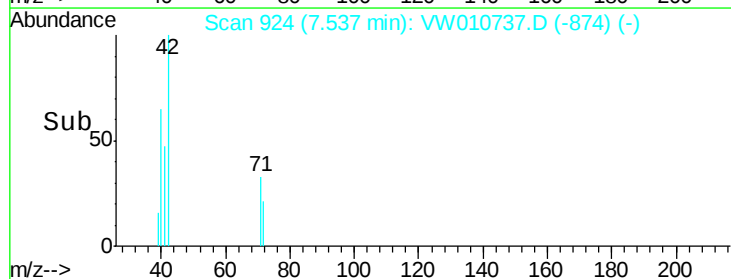
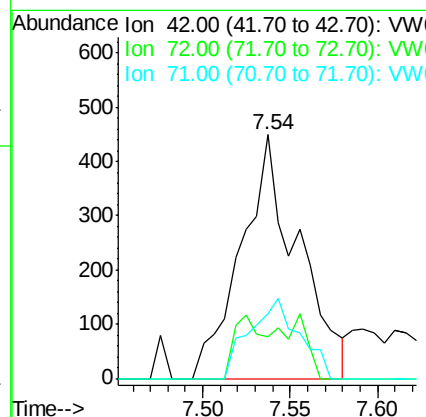
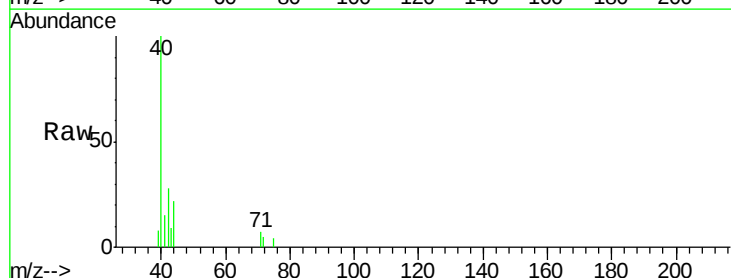
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBL01

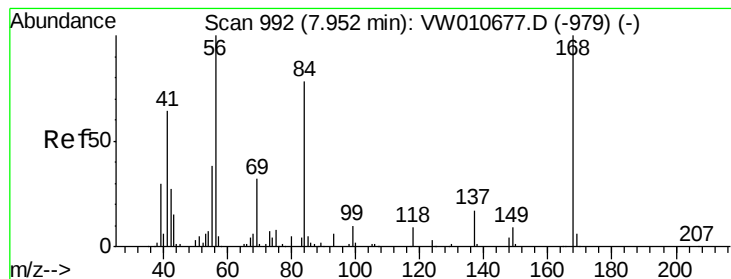
Tgt Ion: 77 Resp: 3902
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.6#



#29
 Tetrahydrofuran
 Concen: 1.733 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW010737.D
 Acq: 10 Jun 2019 11:24

Tgt Ion: 42 Resp: 1017
 Ion Ratio Lower Upper
 42 100
 72 13.5 28.7 43.1#
 71 28.7 26.6 39.8





#31

Cyclohexane

Concen: 1.184 ug/l

RT: 7.95 min Scan# 991

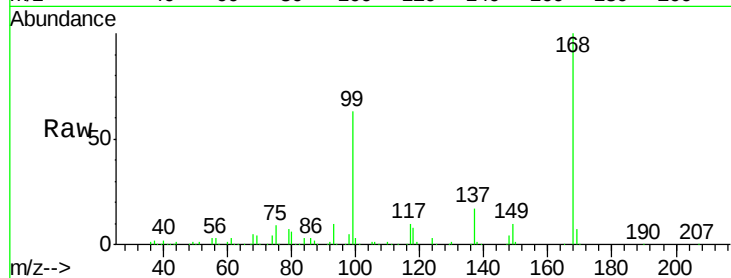
Delta R.T. -0.01 min

Lab File: VW010737.D

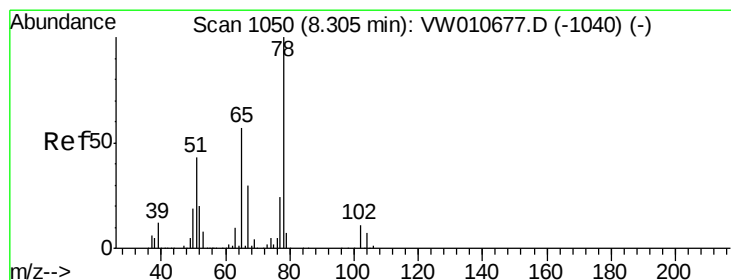
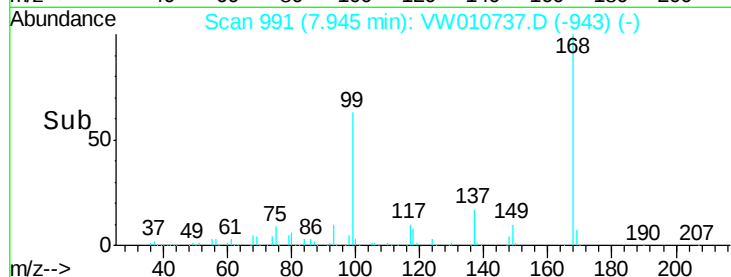
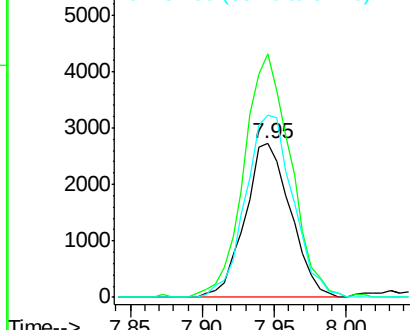
Acq: 10 Jun 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBL01

Tgt Ion:	56	Resp:	5997
Ion	Ratio	Lower	Upper
56	100		
69	158.2	25.2	37.8#
84	118.2	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: 57.171 ug/l

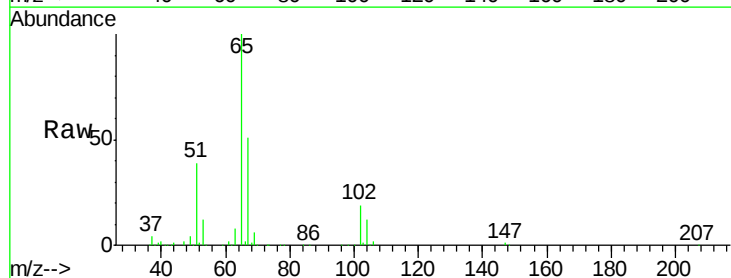
RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

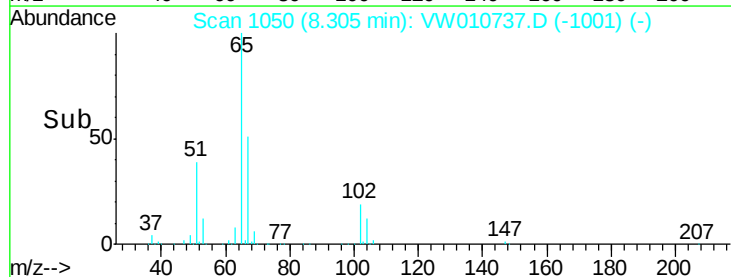
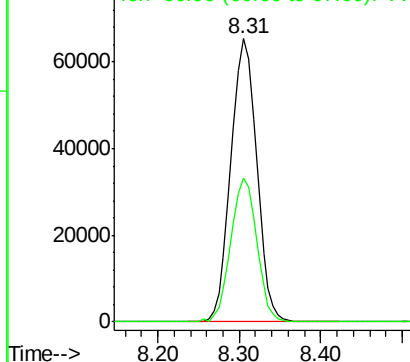
Lab File: VW010737.D

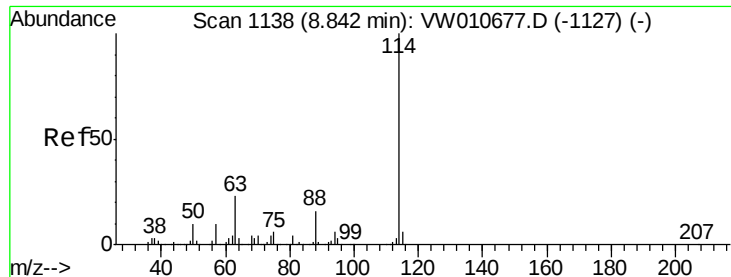
Acq: 10 Jun 2019 11:24

Tgt Ion:	65	Resp:	143555
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.6



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

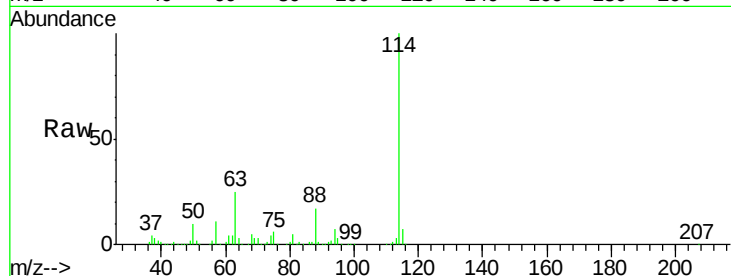




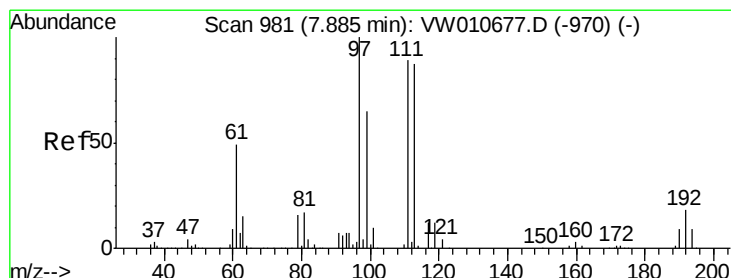
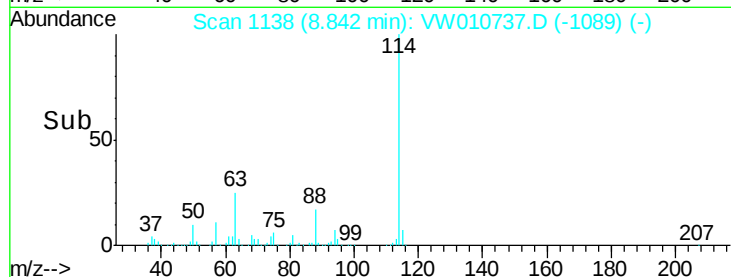
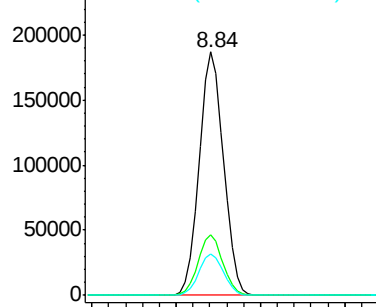
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010737.D
 Acq: 10 Jun 2019 11:24

Instrument :
 MSVOA_W
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 VW0610SBL01

Tgt Ion:114 Resp: 367560
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 46.4
 88 17.1 0.0 32.2

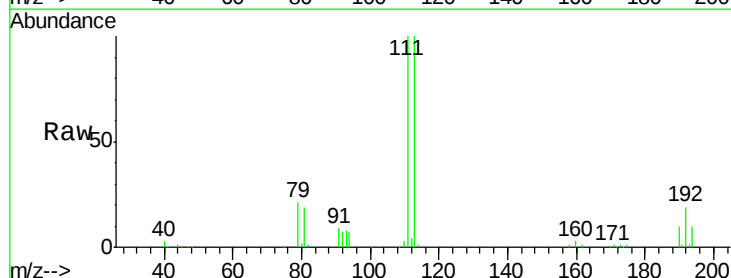


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

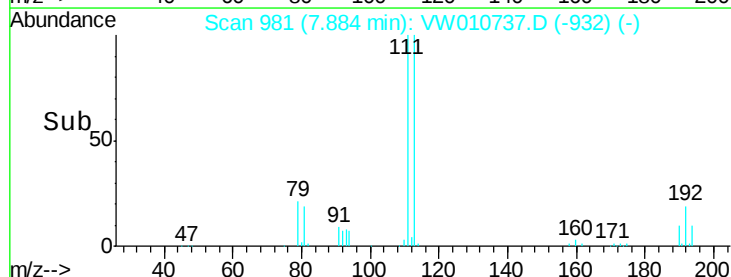
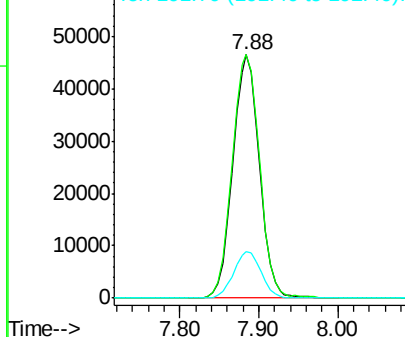


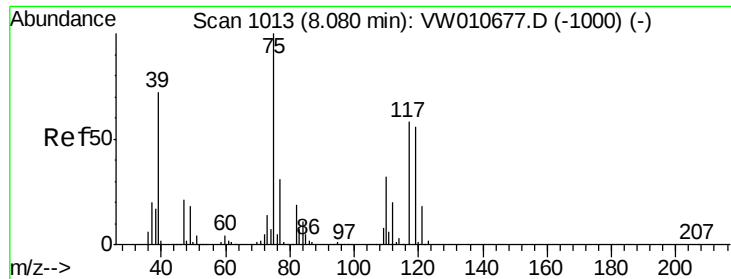
#35
 Dibromofluoromethane
 Concen: 54.532 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010737.D
 Acq: 10 Jun 2019 11:24

Tgt Ion:113 Resp: 108793
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 123.8
 192 19.5 16.4 24.6



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

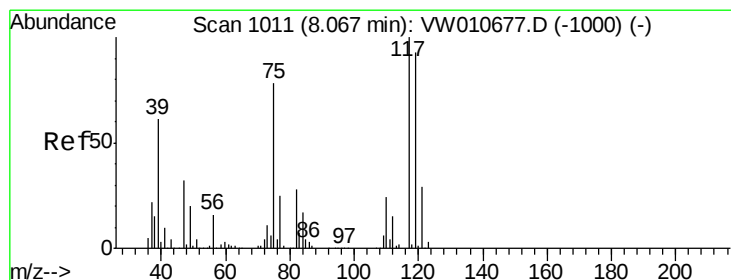
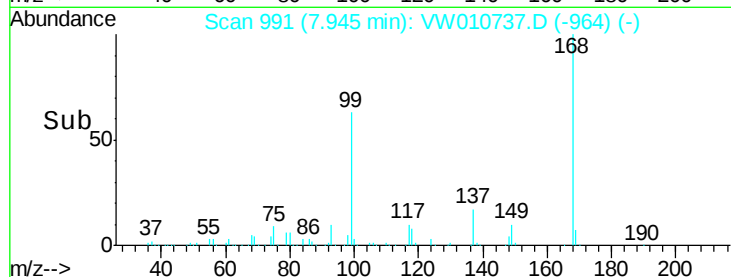
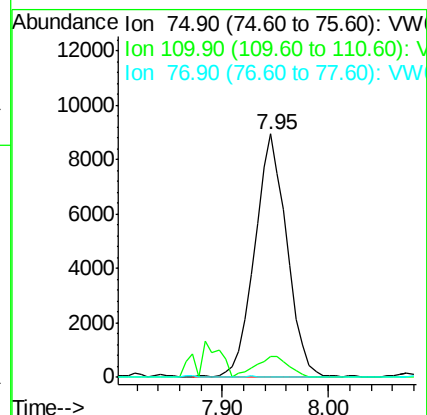
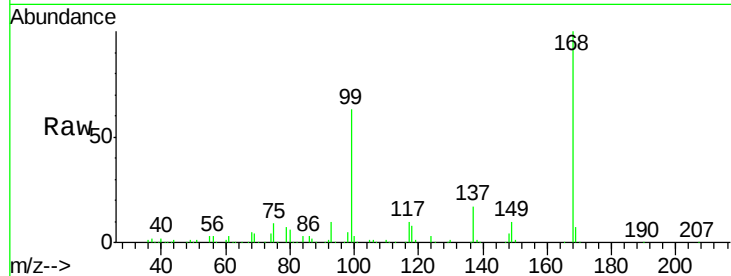




#36
 1,1-Dichloropropene
 Concen: 5.056 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010737.D
 Acq: 10 Jun 2019 11:24

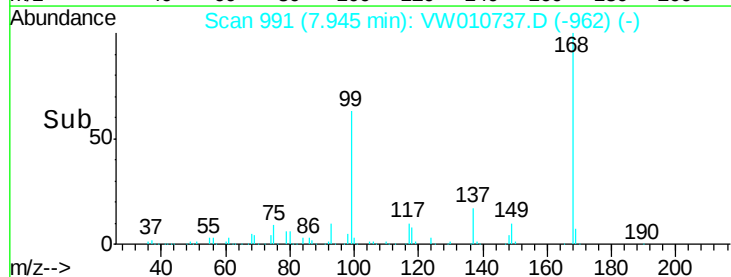
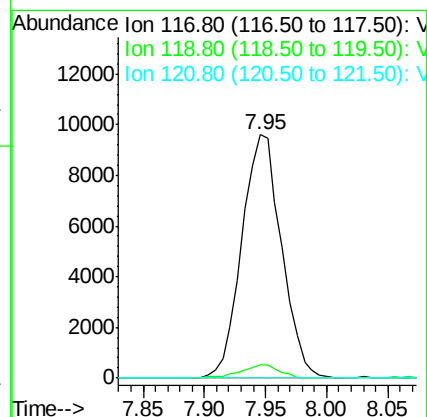
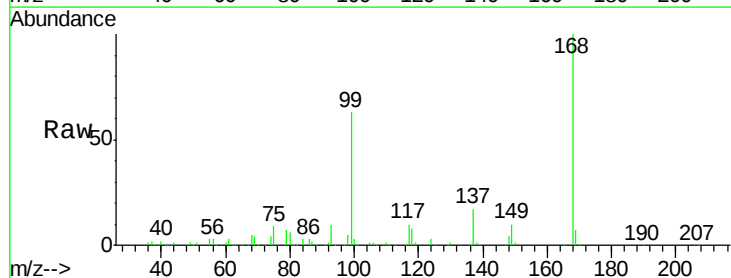
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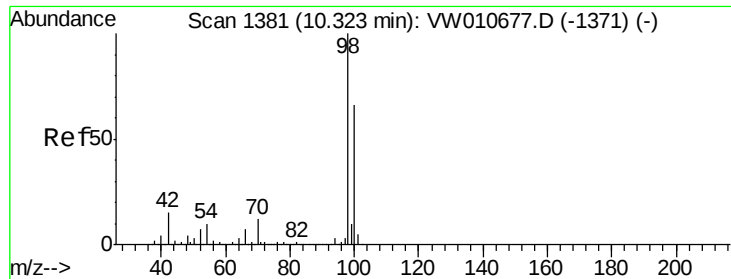
Tgt Ion: 75 Resp: 19021
 Ion Ratio Lower Upper
 75 100
 110 8.7 15.8 47.3#
 77 0.1 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.650 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010737.D
 Acq: 10 Jun 2019 11:24

Tgt Ion: 117 Resp: 21600
 Ion Ratio Lower Upper
 117 100
 119 5.6 74.2 111.4#
 121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 54.505 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010737.D

Acq: 10 Jun 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

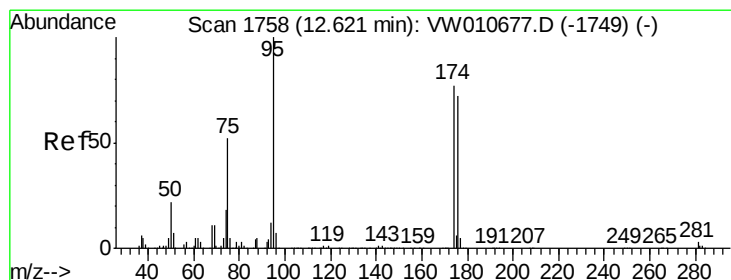
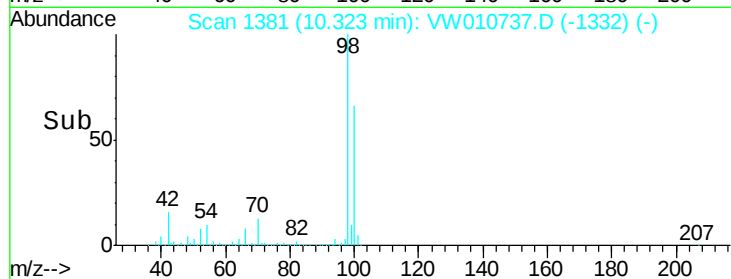
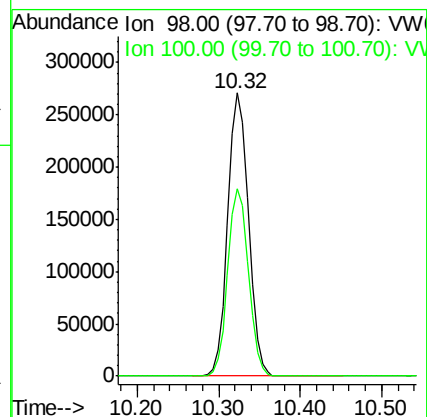
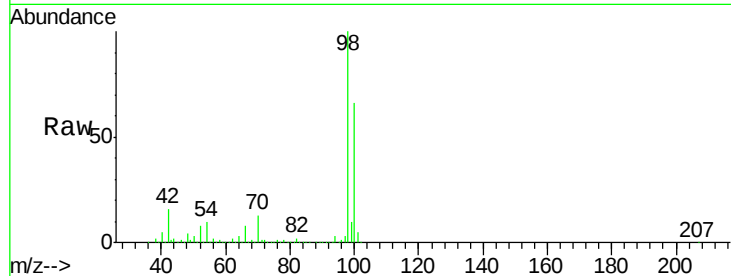
VW0610SBL01

Tgt Ion: 98 Resp: 476833

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 51.879 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010737.D

Acq: 10 Jun 2019 11:24

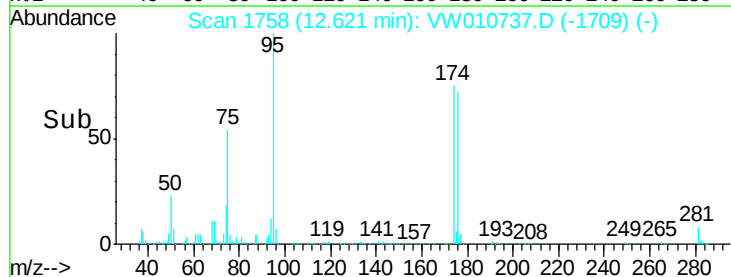
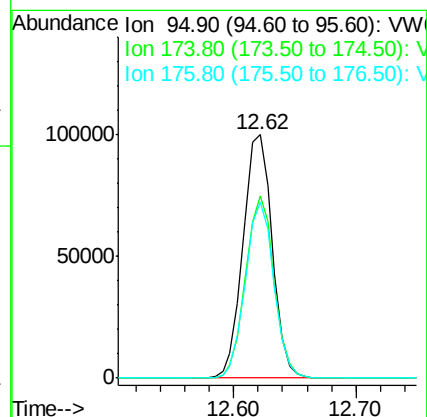
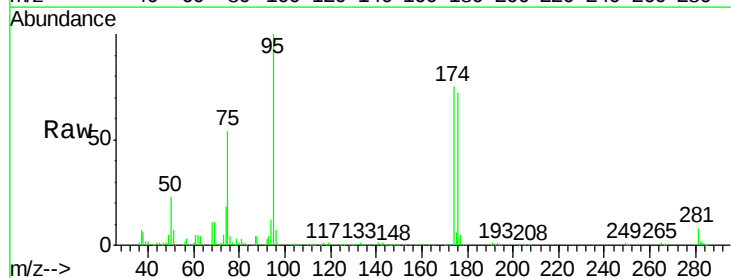
Tgt Ion: 95 Resp: 165154

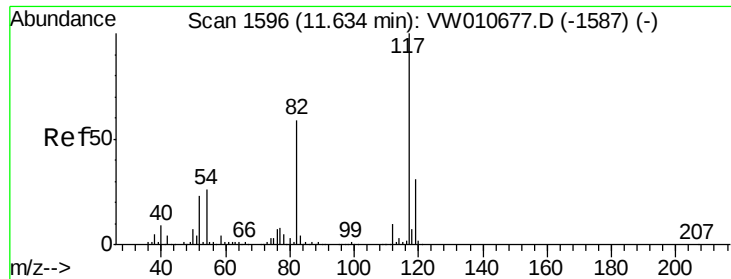
Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.4

176 70.9 0.0 144.8

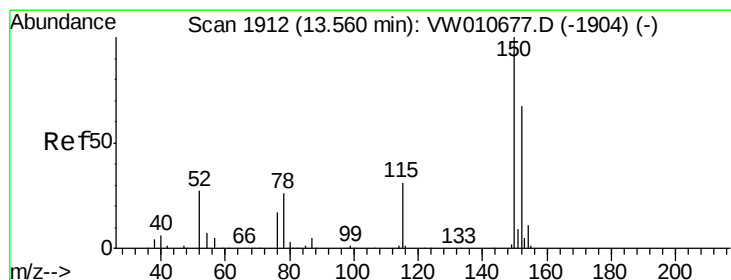
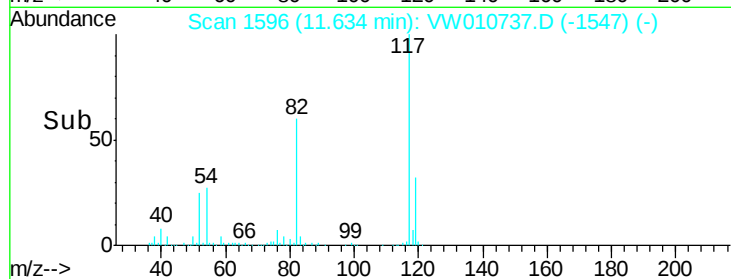
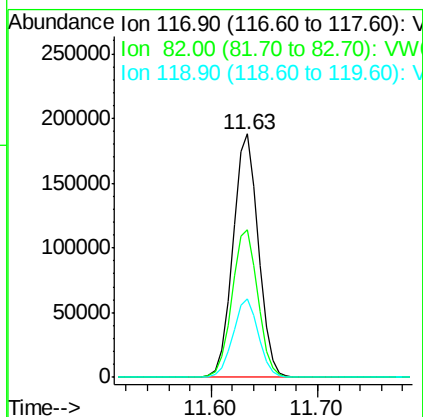
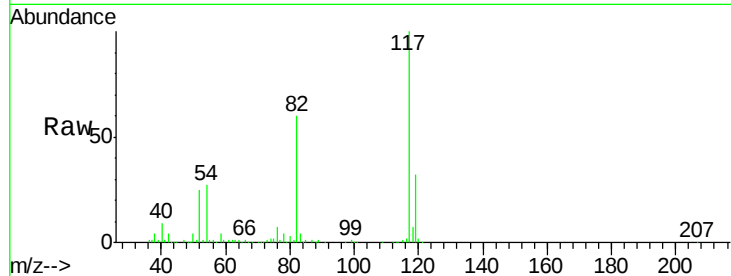




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010737.D
Acq: 10 Jun 2019 11:24

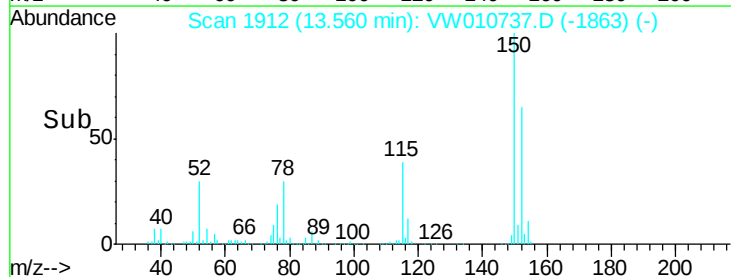
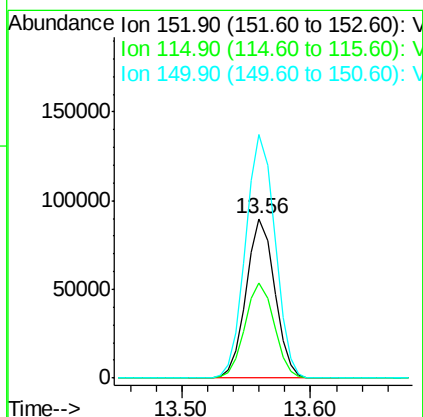
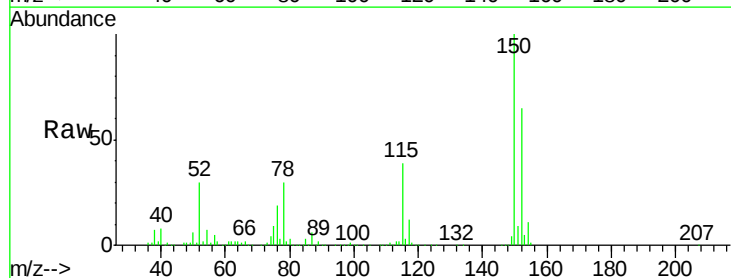
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBL01

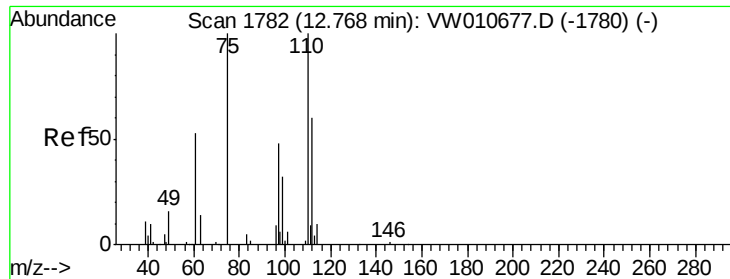
Tgt Ion:117 Resp: 315251
Ion Ratio Lower Upper
117 100
82 60.4 47.0 70.4
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010737.D
Acq: 10 Jun 2019 11:24

Tgt Ion:152 Resp: 137254
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 158.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 63.414 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010737.D

Acq: 10 Jun 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

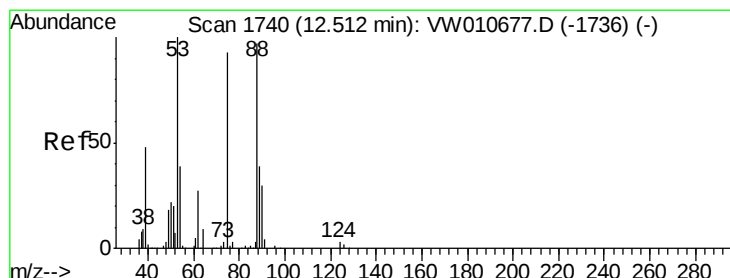
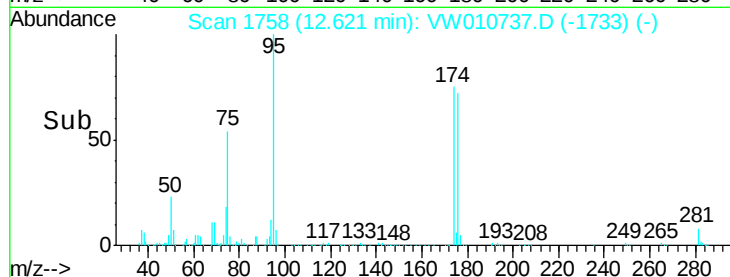
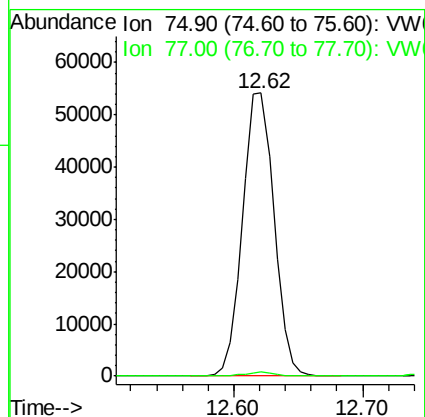
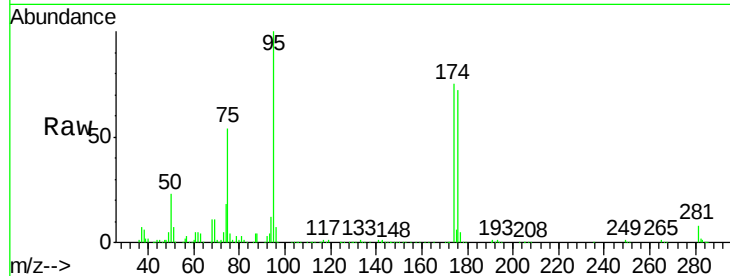
VW0610SBL01

Tgt Ion: 75 Resp: 91402

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 145.746 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010737.D

Acq: 10 Jun 2019 11:24

Tgt Ion: 75 Resp: 91402

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.1 34.6 52.0#

