

Data File : VW010773.D
Acq On : 12 Jun 2019 12:49
Operator : SY/VA
Sample : VW0612SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBL01

Quant Time: Jun 13 07:35:03 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	233834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	374276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135437	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	7.88	113	106087	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.32	98	466602	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.62	95	165297	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

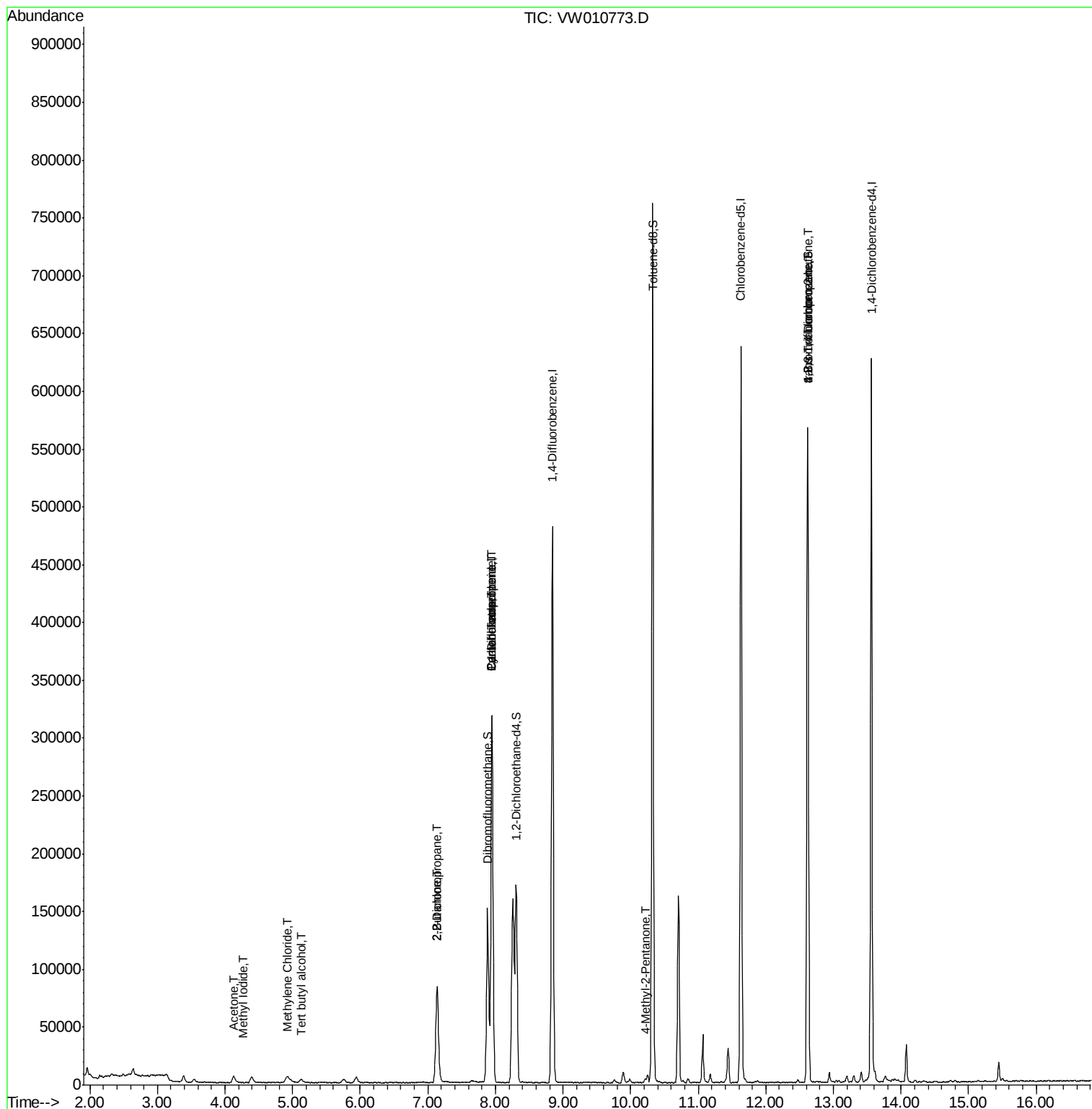
						Qvalue
10) Methyl Iodide	4.28	142	102	4.837	ug/l #	41
11) Tert butyl alcohol	5.13	59	2503	11.147	ug/l #	72
16) Acetone	4.13	43	11582	15.683	ug/l	91
20) Methylene Chloride	4.93	84	3049	1.177	ug/l	90
25) 2-Butanone	7.14	43	5881	5.743	ug/l #	76
26) 2,2-Dichloropropane	7.13	77	5695	1.399	ug/l #	55
31) Cyclohexane	7.95	56	6314	1.135	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20720	5.408	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23624	7.143	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	3243	1.548	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	90307	57.318	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90307	131.735	ug/l #	6

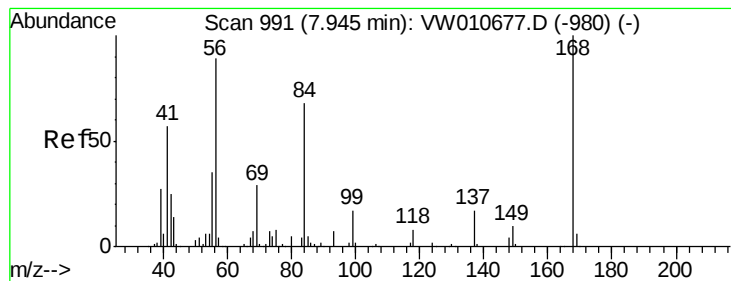
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010773.D

Acq: 12 Jun 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

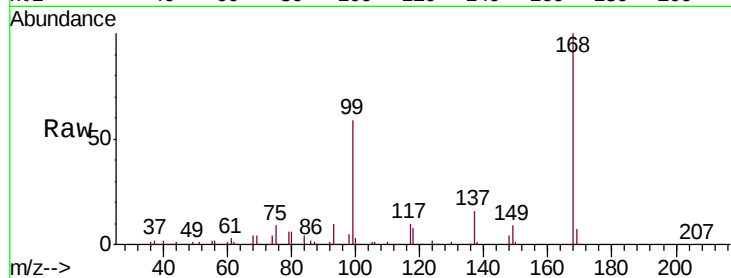
VW0612SBL01

Tgt Ion:168 Resp: 233834

Ion Ratio Lower Upper

168 100

99 59.2 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

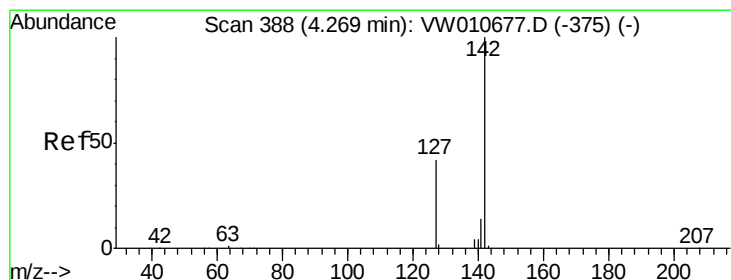
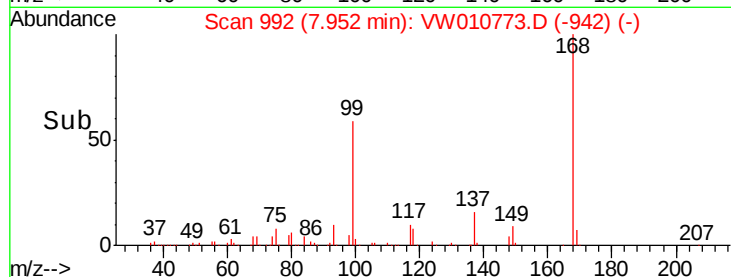
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.837 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW010773.D

Acq: 12 Jun 2019 12:49

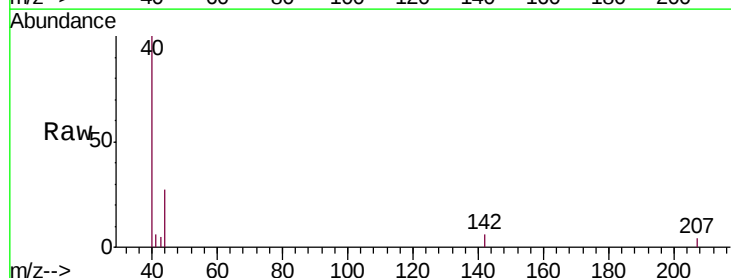
Tgt Ion:142 Resp: 102

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

100

80

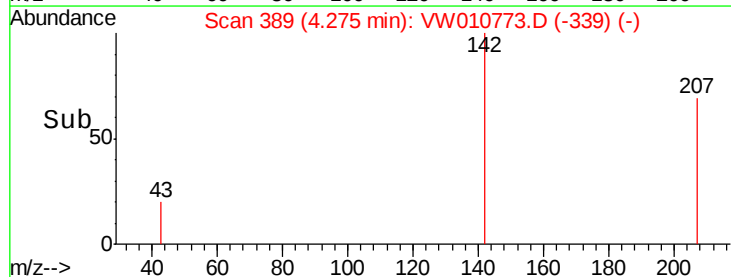
60

40

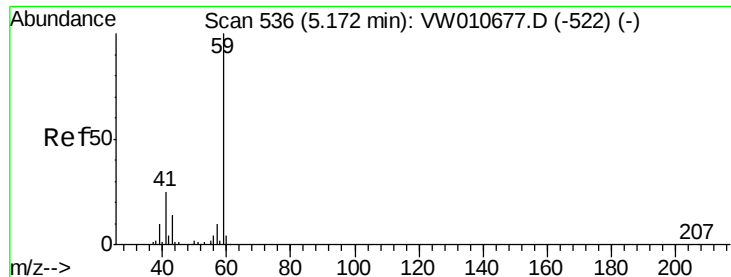
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0

Time-->



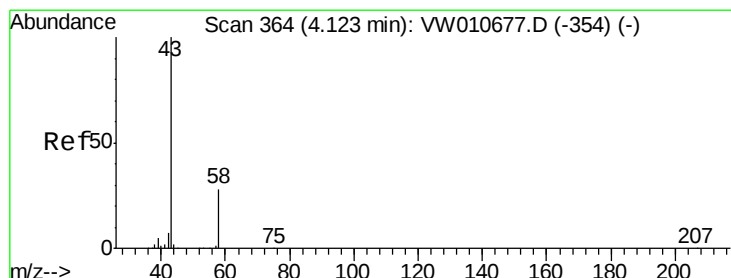
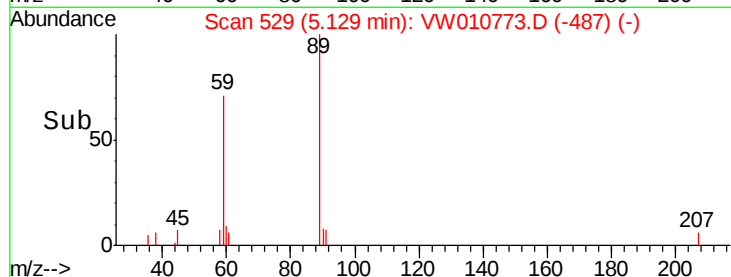
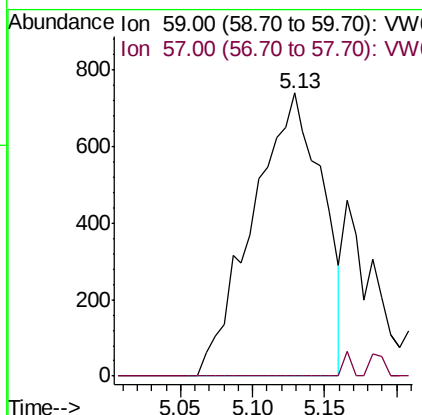
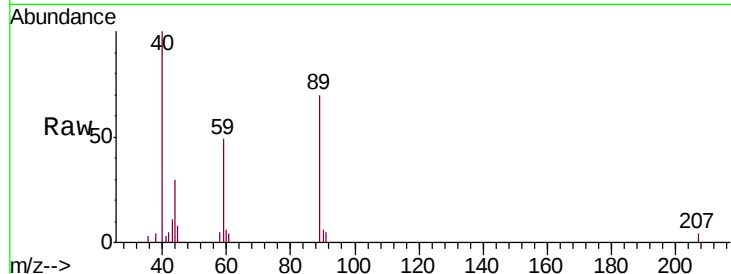
Time-->



#11
Tert butyl alcohol
Concen: 11.147 ug/l
RT: 5.13 min Scan# 529
Delta R.T. -0.04 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

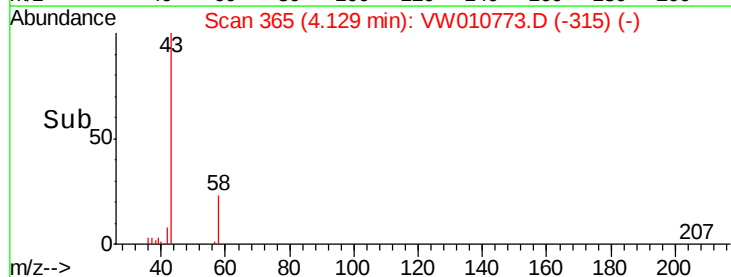
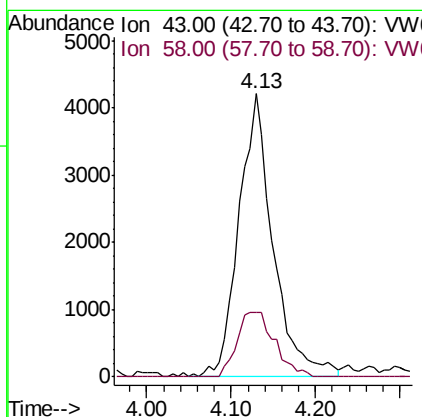
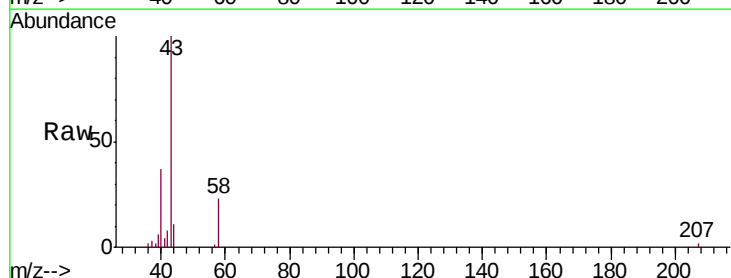
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBL01

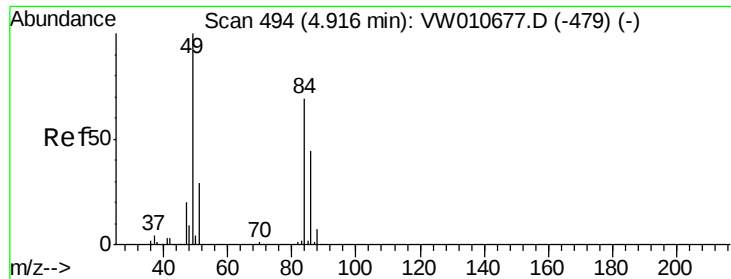
Tgt Ion: 59 Resp: 2503
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 15.683 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

Tgt Ion: 43 Resp: 11582
Ion Ratio Lower Upper
43 100
58 22.8 22.1 33.1

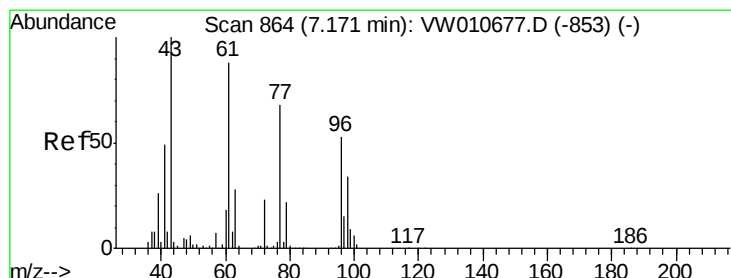
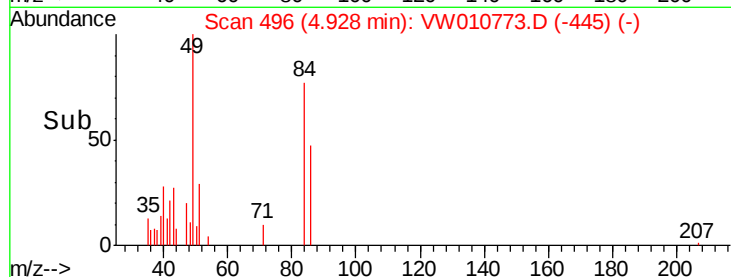
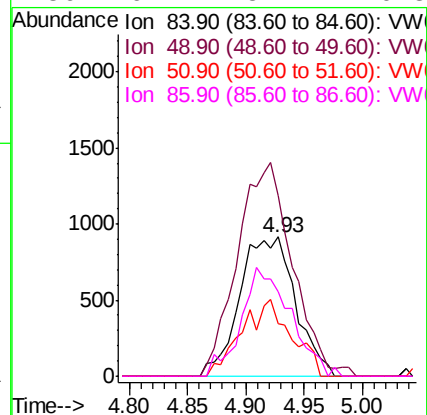
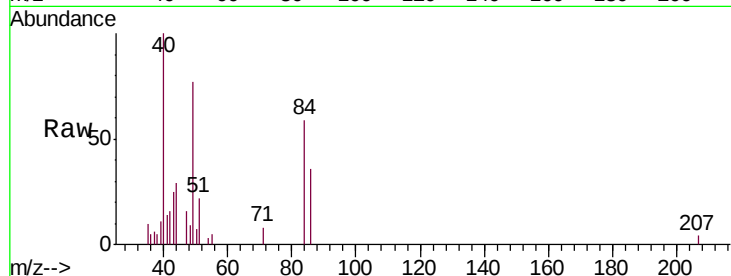




#20
Methylene Chloride
Concen: 1.177 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

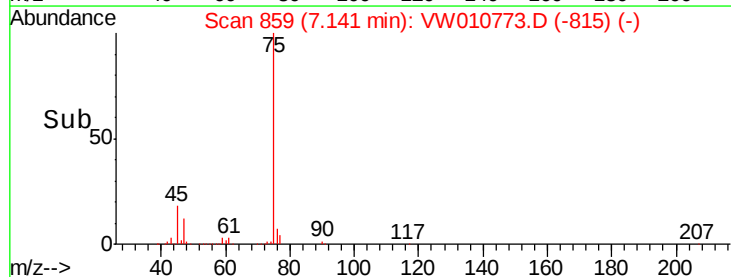
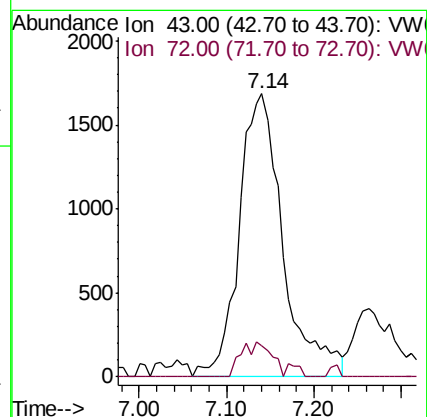
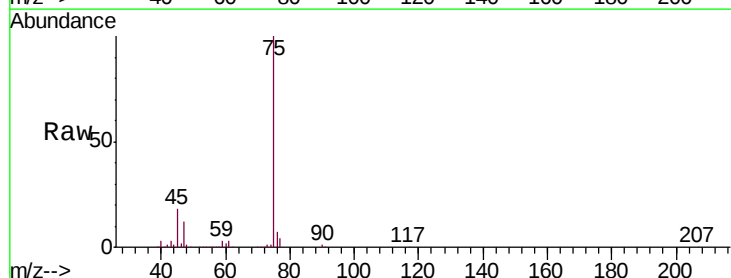
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBL01

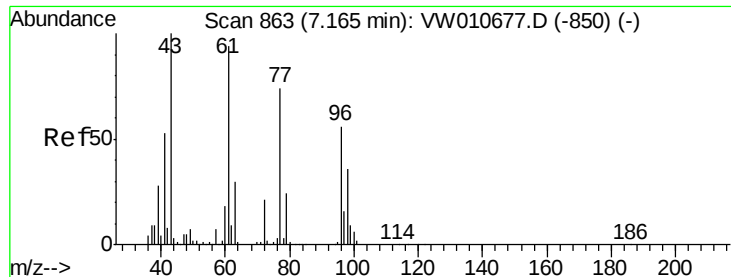
Tgt Ion: 84 Resp: 3049
Ion Ratio Lower Upper
84 100
49 129.8 116.7 175.1
51 37.5 34.2 51.2
86 61.2 51.2 76.8



#25
2-Butanone
Concen: 5.743 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

Tgt Ion: 43 Resp: 5881
Ion Ratio Lower Upper
43 100
72 10.9 18.1 27.1#

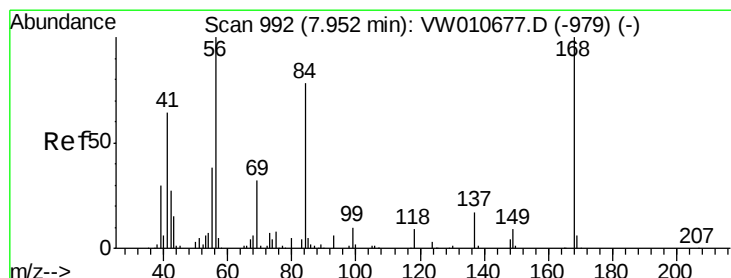
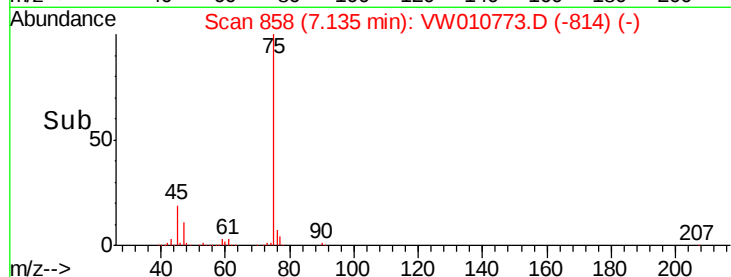
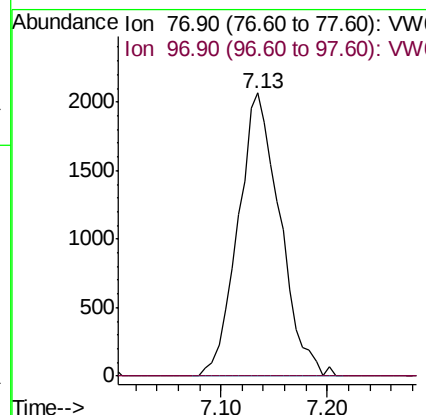
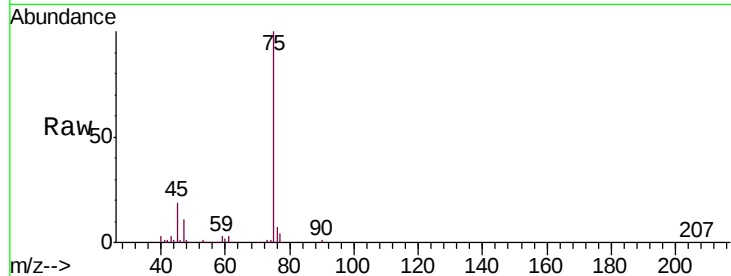




#26
 2,2-Dichloropropane
 Concen: 1.399 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: VW010773.D
 Acq: 12 Jun 2019 12:49

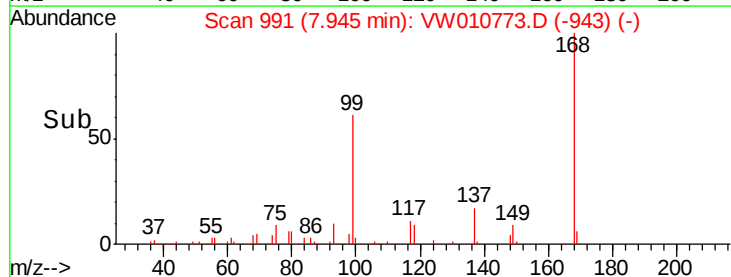
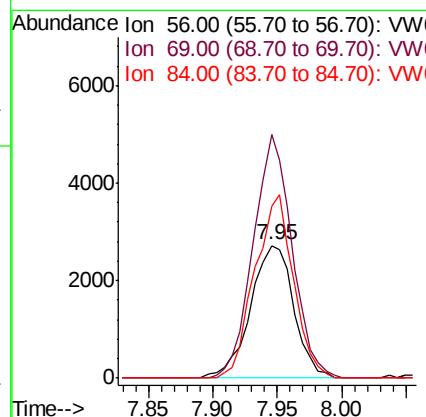
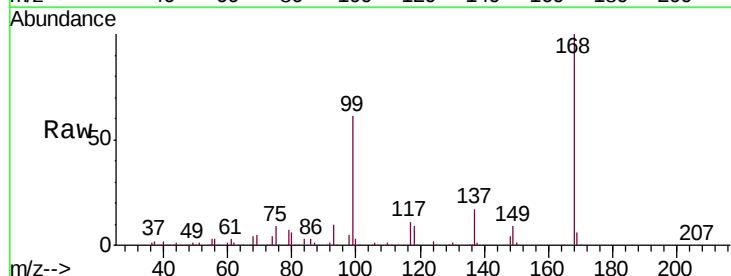
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBL01

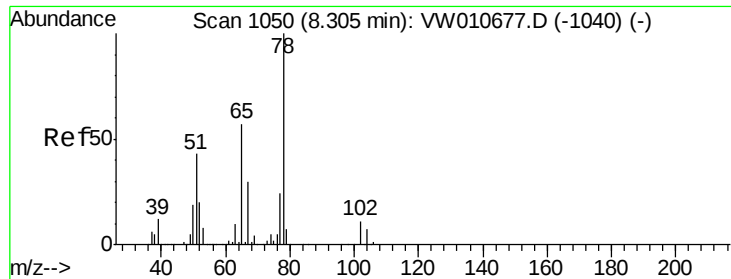
Tgt Ion: 77 Resp: 5695
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.6#



#31
 Cyclohexane
 Concen: 1.135 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW010773.D
 Acq: 12 Jun 2019 12:49

Tgt Ion: 56 Resp: 6314
 Ion Ratio Lower Upper
 56 100
 69 183.4 25.2 37.8#
 84 129.9 62.2 93.2#

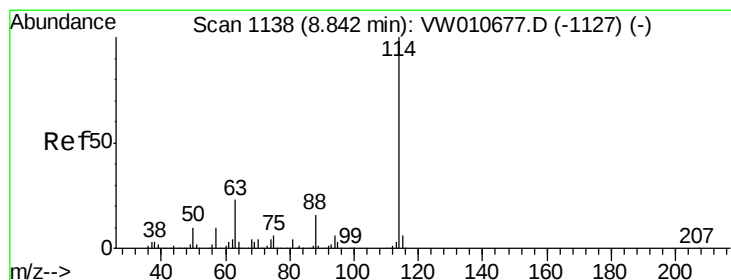
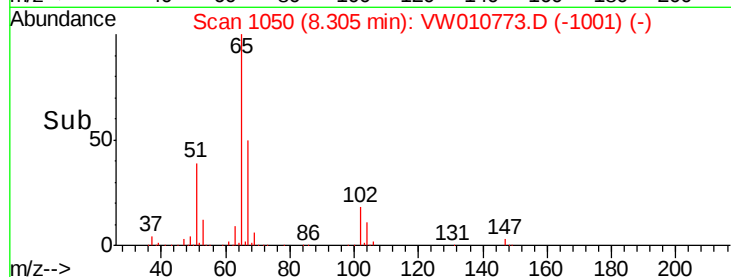
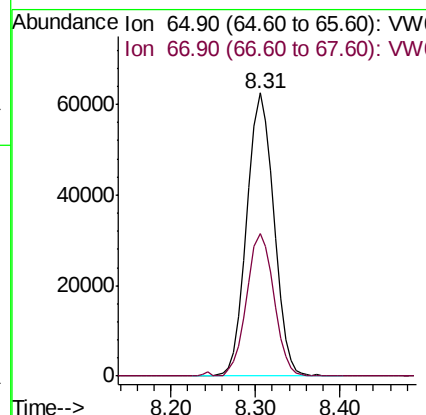
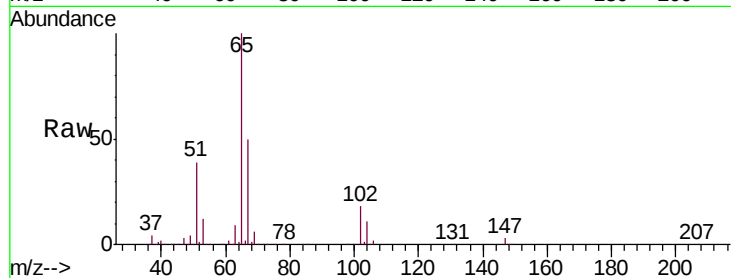




#33
 1,2-Dichloroethane-d4
 Concen: 49.140 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010773.D
 Acq: 12 Jun 2019 12:49

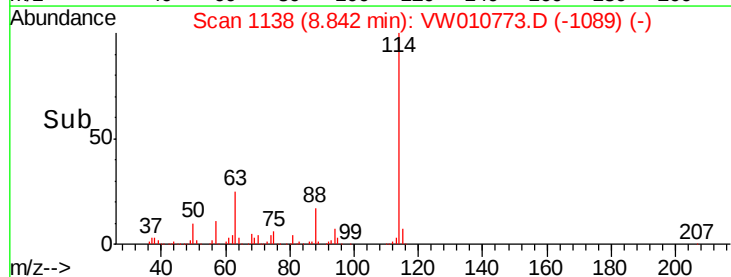
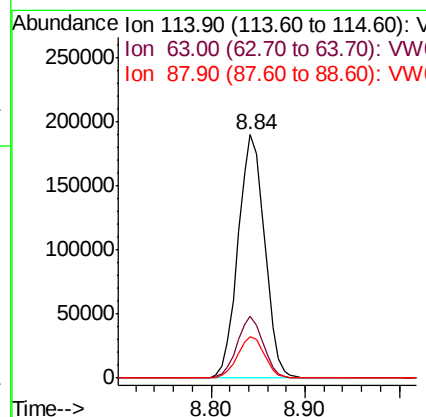
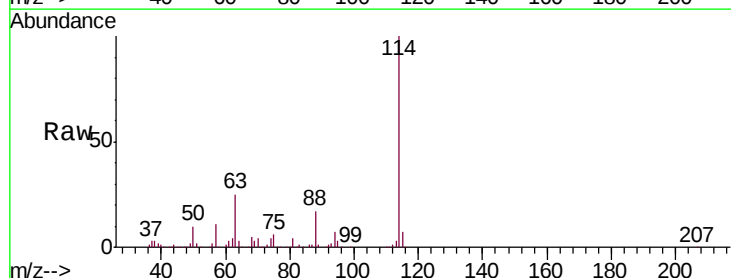
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBL01

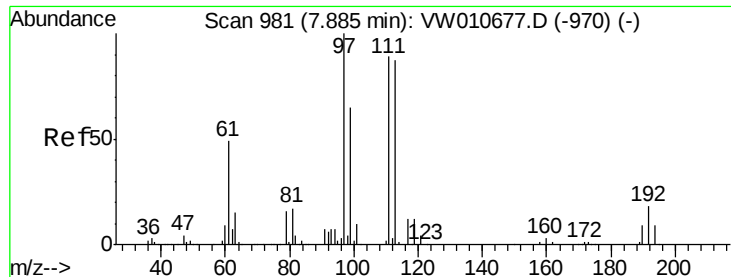
Tgt Ion: 65 Resp: 135437
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010773.D
 Acq: 12 Jun 2019 12:49

Tgt Ion: 114 Resp: 374276
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 46.4
 88 17.0 0.0 32.2

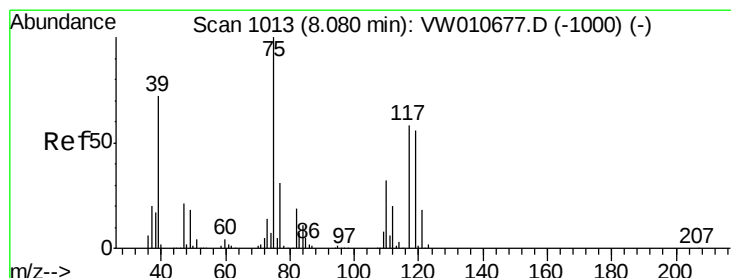
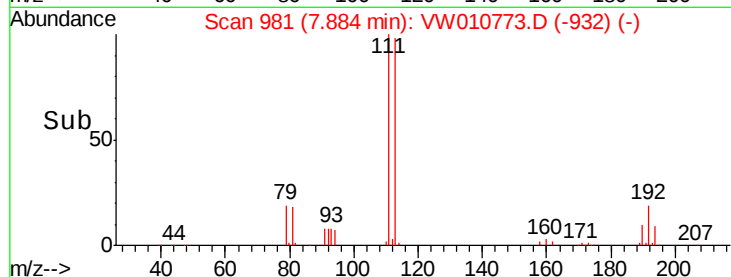
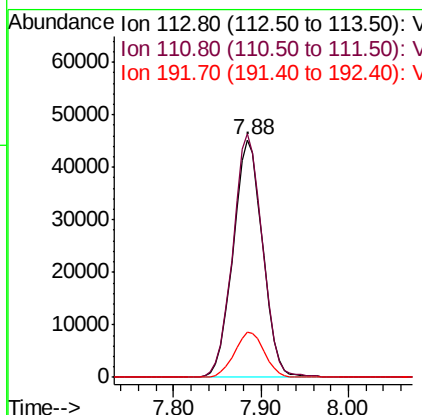
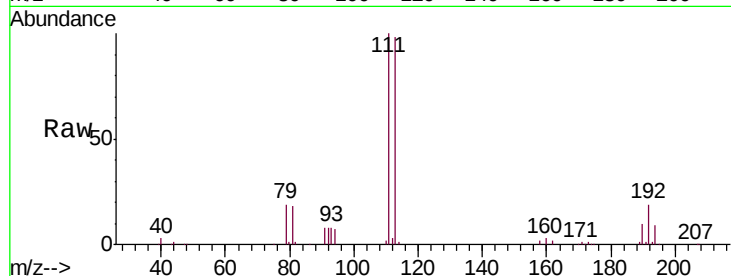




#35
 Dibromofluoromethane
 Concen: 52.221 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010773.D
 Acq: 12 Jun 2019 12:49

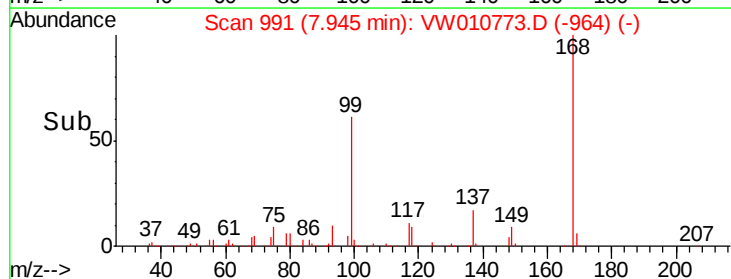
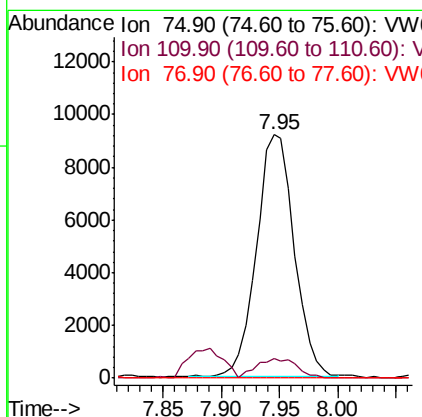
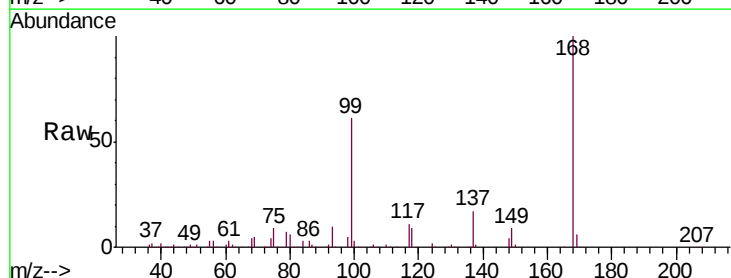
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBL01

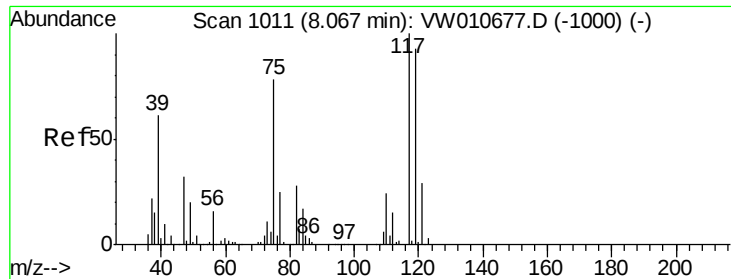
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	19.4	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 5.408 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010773.D
 Acq: 12 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	15.8	47.3#
77	0.0	24.7	37.1#

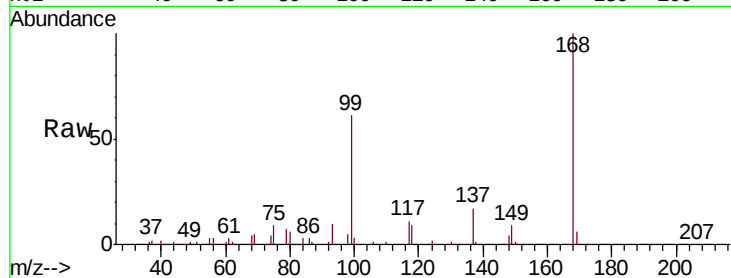




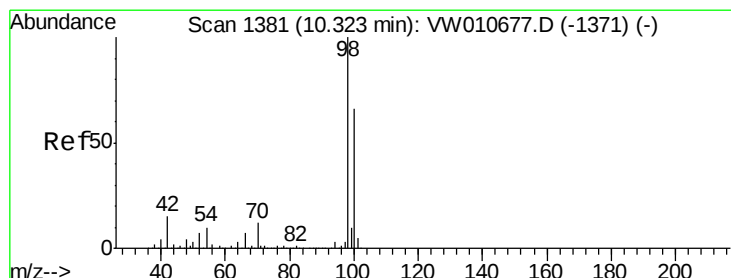
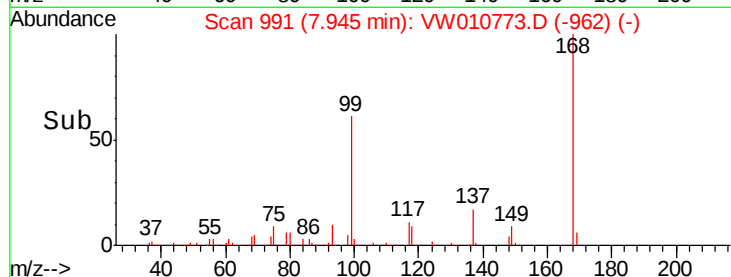
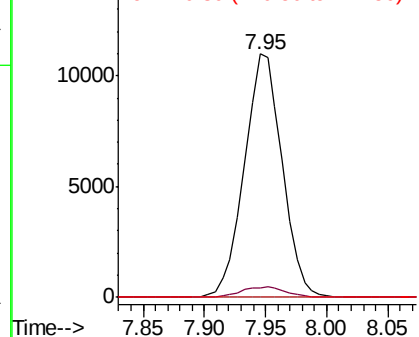
#38
Carbon Tetrachloride
Concen: 7.143 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBL01

Tgt Ion:117 Resp: 23624
Ion Ratio Lower Upper
117 100
119 3.6 74.2 111.4#
121 0.0 22.9 34.3#

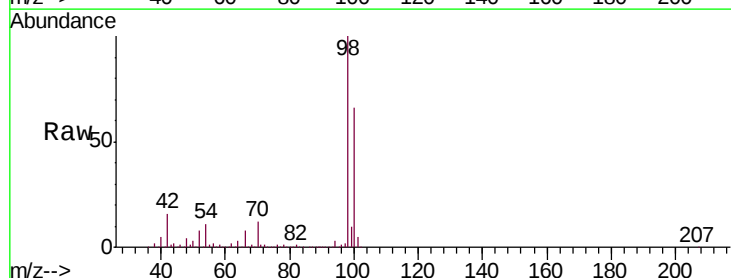


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

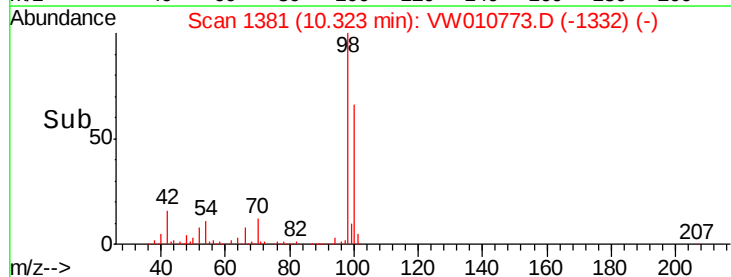
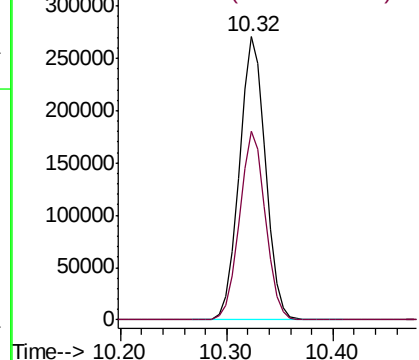


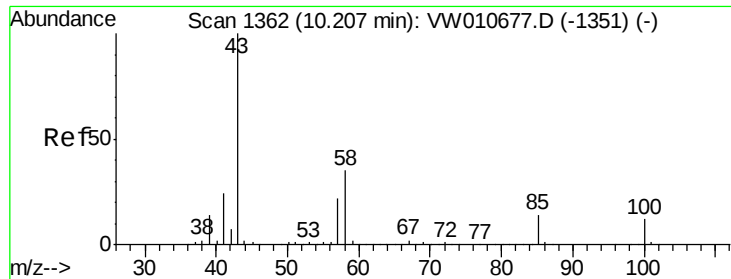
#50
Toluene-d8
Concen: 52.378 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

Tgt Ion: 98 Resp: 466602
Ion Ratio Lower Upper
98 100
100 66.0 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: 1.548 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010773.D

Acq: 12 Jun 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

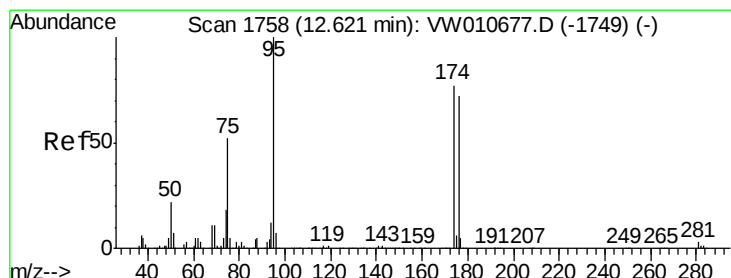
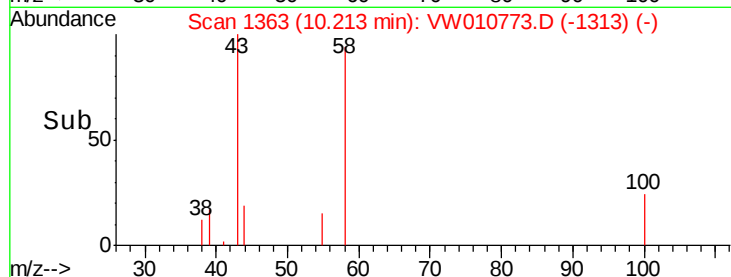
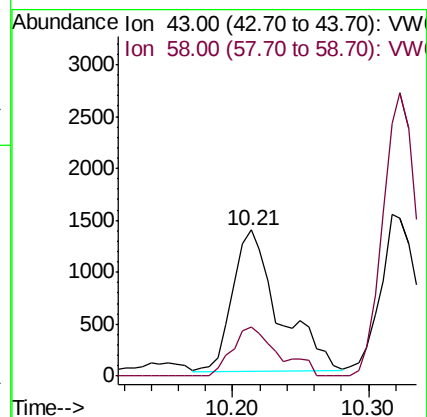
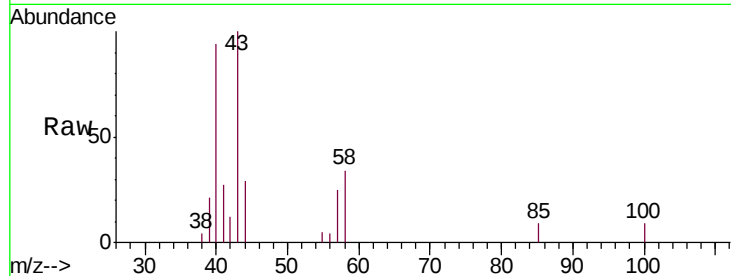
VW0612SBL01

Tgt Ion: 43 Resp: 3243

Ion Ratio Lower Upper

43 100

58 34.4 28.4 42.6



#62

4-Bromofluorobenzene

Concen: 50.992 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010773.D

Acq: 12 Jun 2019 12:49

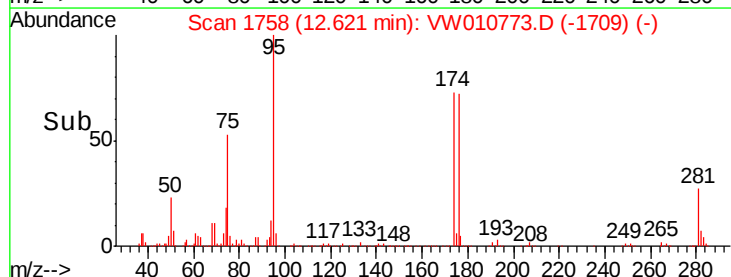
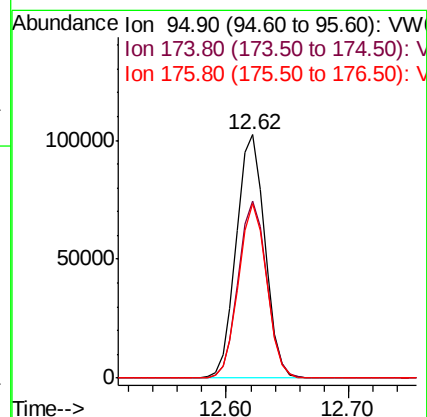
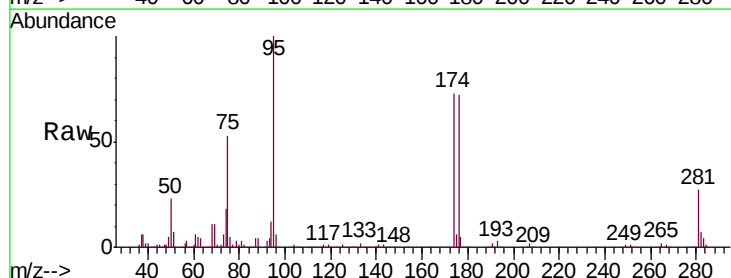
Tgt Ion: 95 Resp: 165297

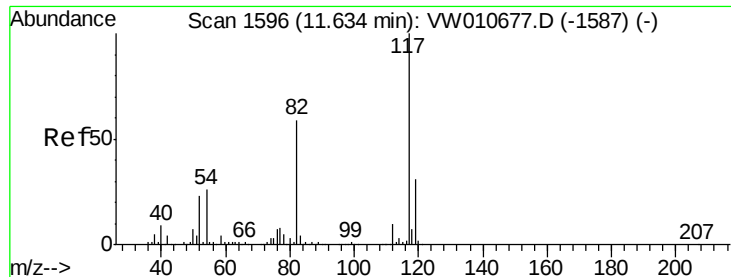
Ion Ratio Lower Upper

95 100

174 72.7 0.0 150.4

176 70.6 0.0 144.8

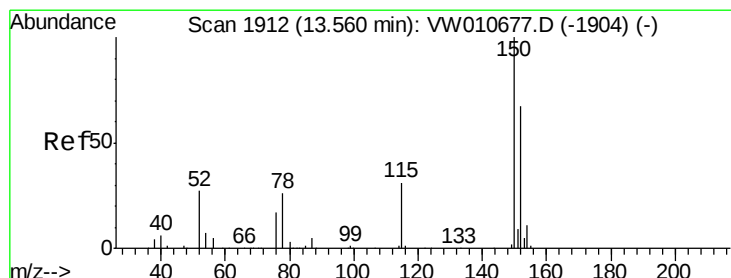
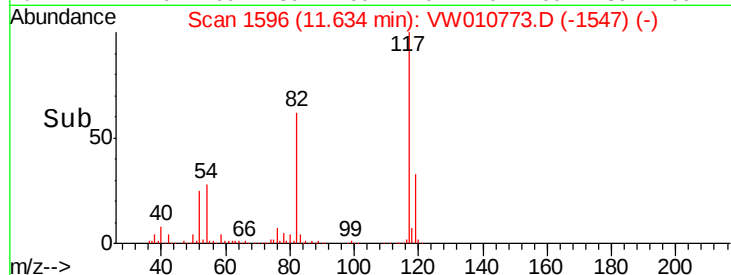
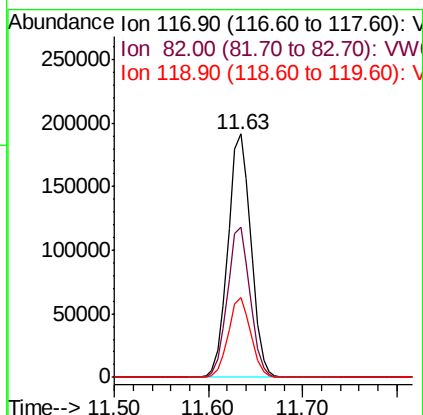
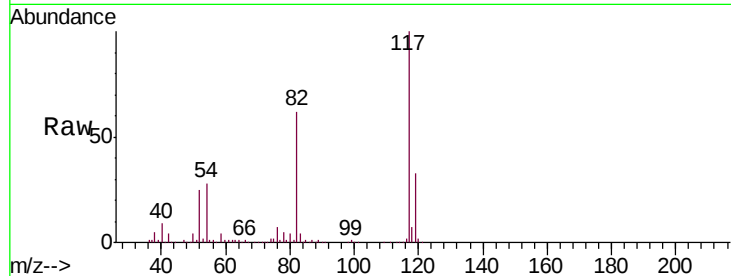




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

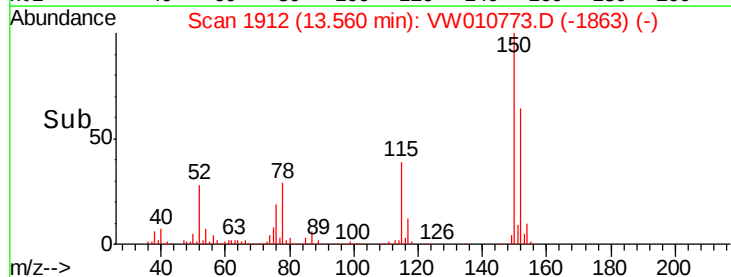
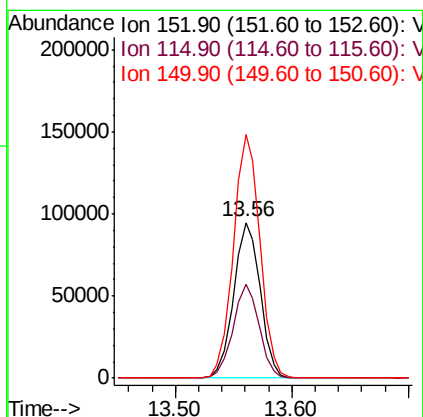
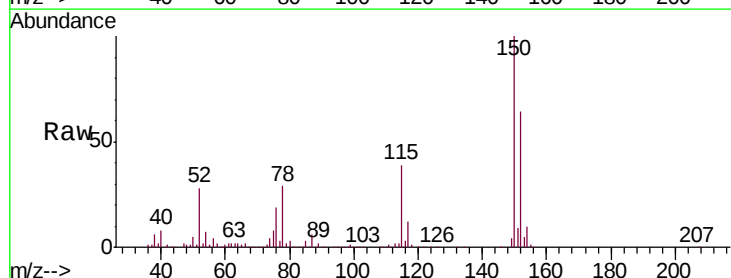
Instrument :
MSVOA_W
ClientSampleId :
VW0612SBL01

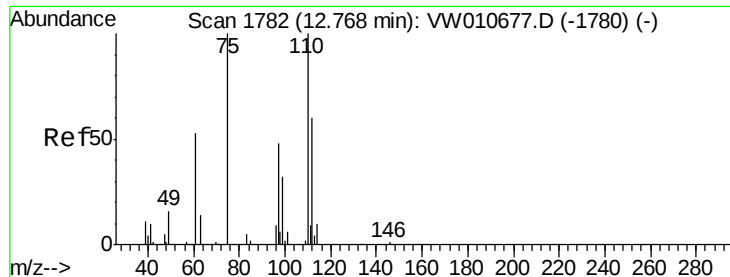
Tgt Ion:117 Resp: 324371
Ion Ratio Lower Upper
117 100
82 61.5 47.0 70.4
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

Tgt Ion:152 Resp: 150033
Ion Ratio Lower Upper
152 100
115 59.4 29.8 89.3
150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 57.318 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010773.D

Acq: 12 Jun 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

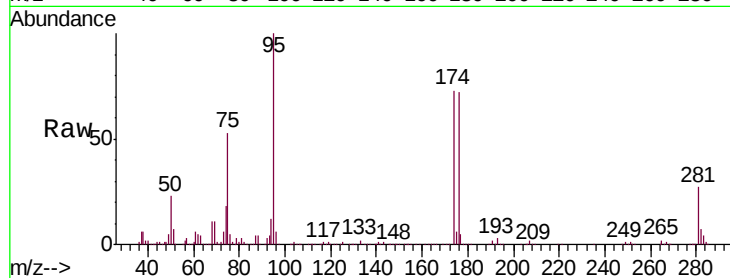
VW0612SBL01

Tgt Ion: 75 Resp: 90307

Ion Ratio Lower Upper

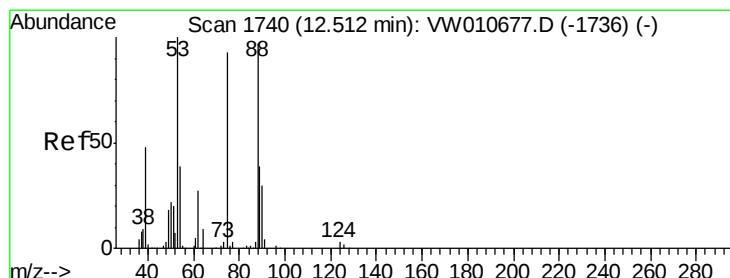
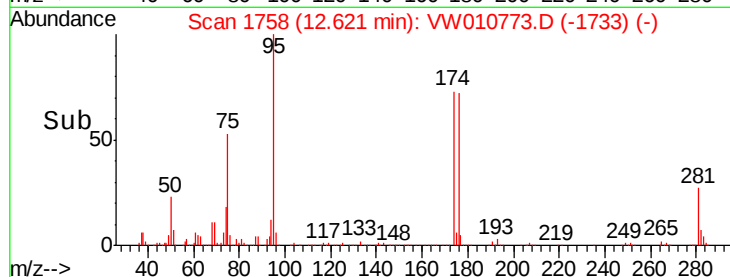
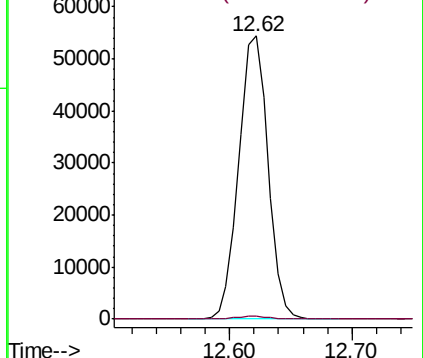
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 131.735 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010773.D

Acq: 12 Jun 2019 12:49

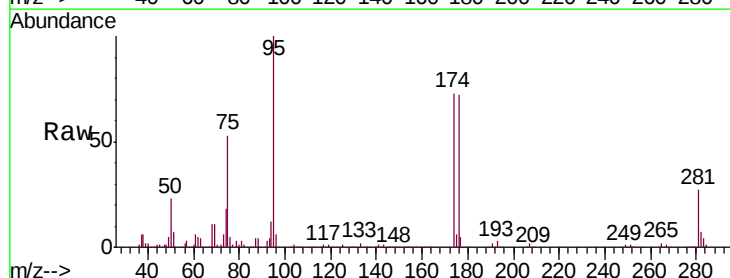
Tgt Ion: 75 Resp: 90307

Ion Ratio Lower Upper

75 100

53 0.1 90.1 135.1#

89 0.5 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

