

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
 Data File : VW010807.D
 Acq On : 14 Jun 2019 11:51
 Operator : SY/VA
 Sample : VW0614SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBL01

Quant Time: Jun 14 15:55:09 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	224115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146792	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	129305	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	7.88	113	97513	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.32	98	425706	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.62	95	153418	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	

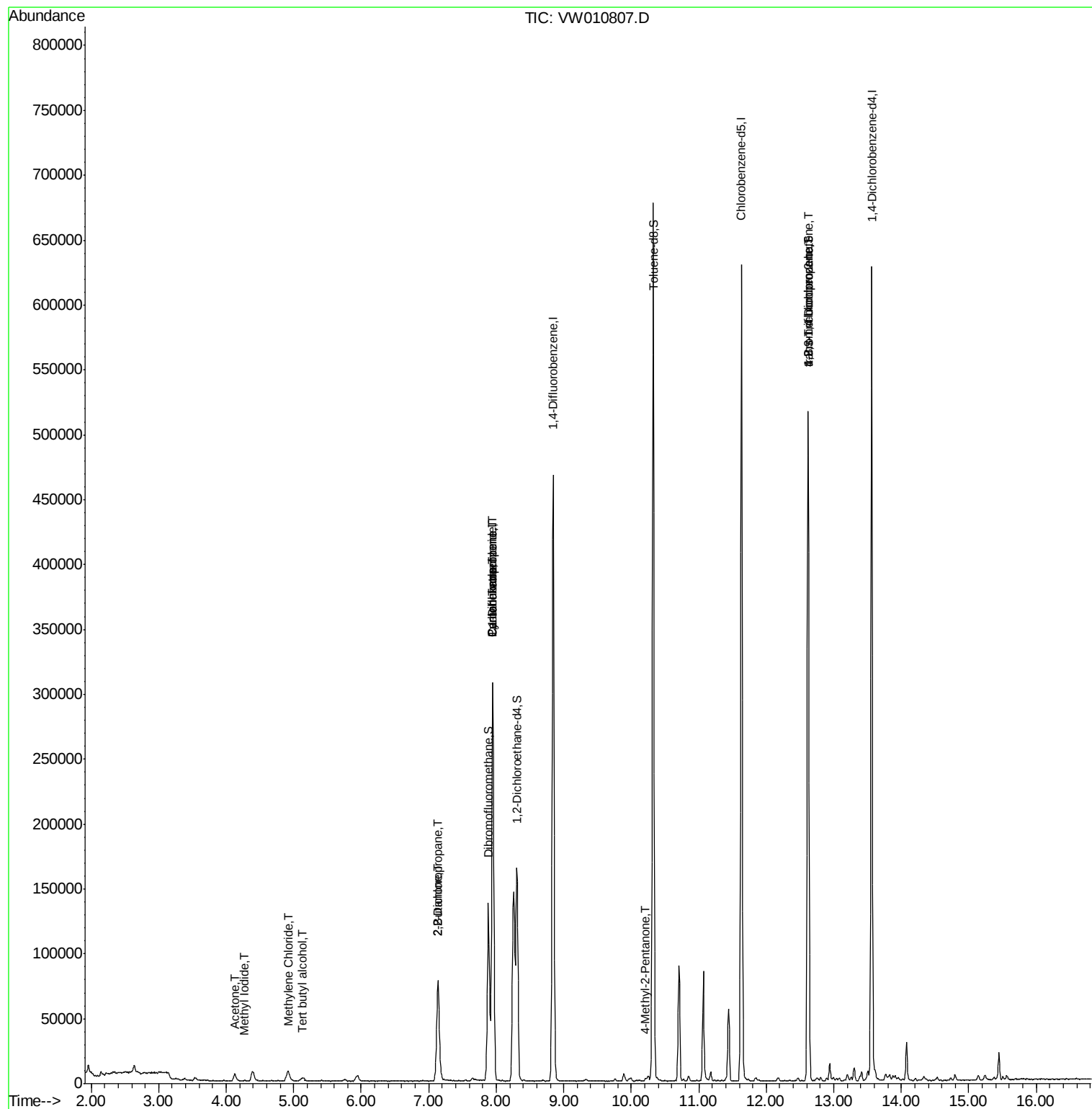
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	512	4.998	ug/l #	66
11) Tert butyl alcohol	5.13	59	2782	12.927	ug/l #	72
16) Acetone	4.12	43	10030	14.171	ug/l	91
20) Methylene Chloride	4.92	84	5145	2.072	ug/l #	91
25) 2-Butanone	7.14	43	5361	5.462	ug/l #	75
26) 2,2-Dichloropropane	7.13	77	5032	1.290	ug/l #	55
31) Cyclohexane	7.95	56	5941	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19422	5.176	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22518	6.952	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	2100	1.023	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	84411	54.758	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84411	125.853	ug/l #	5

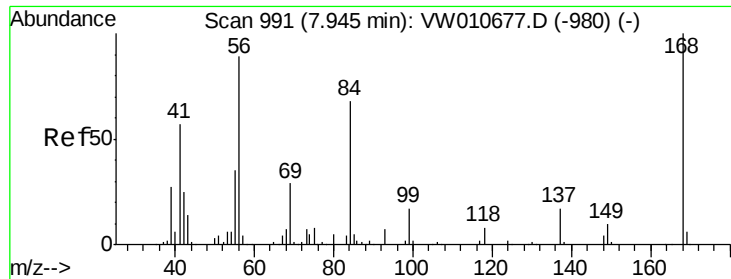
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010807.D

Acq: 14 Jun 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

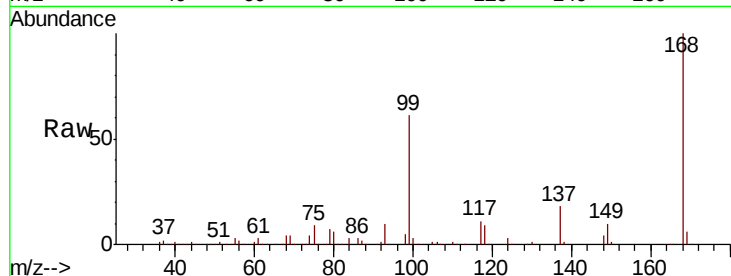
VW0614SBL01

Tgt Ion:168 Resp: 224115

Ion Ratio Lower Upper

168 100

99 61.1 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

80000

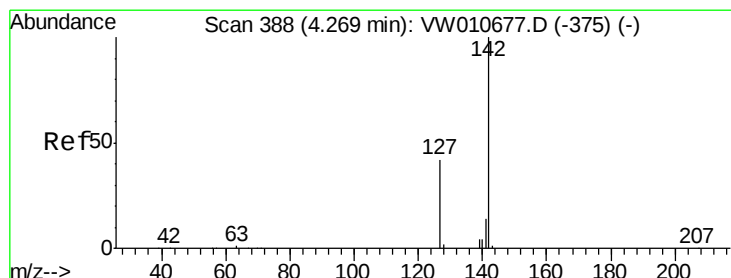
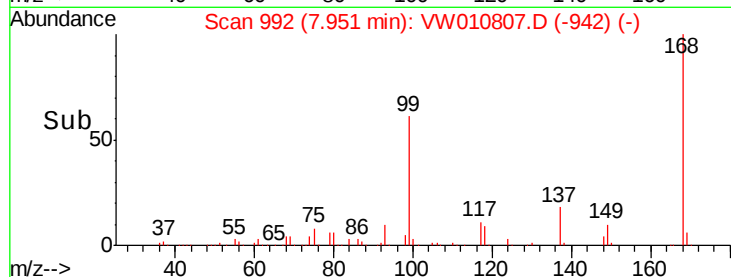
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#10

Methyl Iodide

Concen: 4.998 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW010807.D

Acq: 14 Jun 2019 11:51

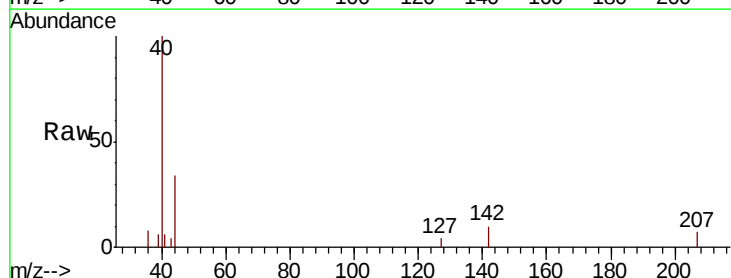
Tgt Ion:142 Resp: 512

Ion Ratio Lower Upper

142 100

127 21.7 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

200

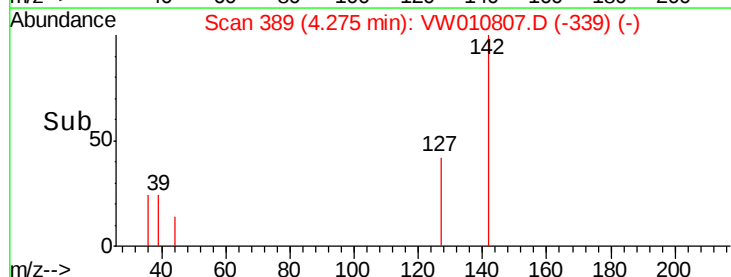
150

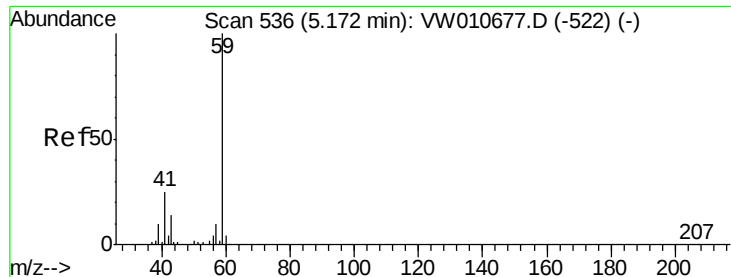
100

50

0

Time--> 4.20 4.25 4.30 4.35

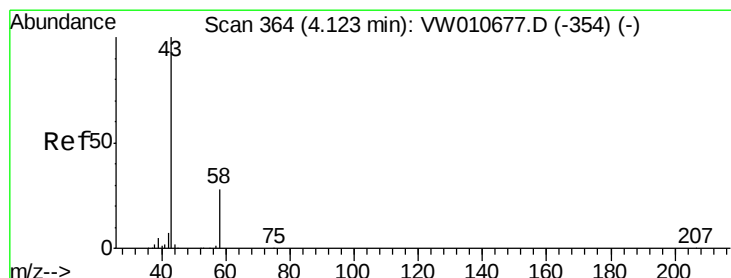
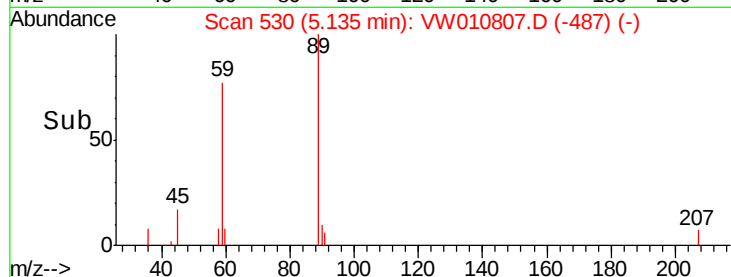
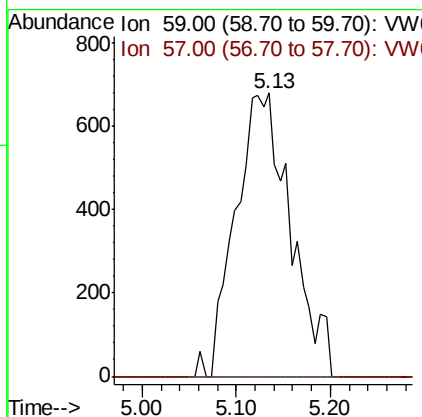
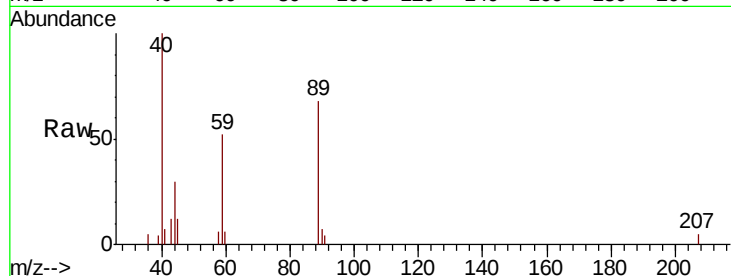




#11
Tert butyl alcohol
Concen: 12.927 ug/l
RT: 5.13 min Scan# 530
Delta R.T. -0.04 min
Lab File: VW010807.D
Acq: 14 Jun 2019 11:51

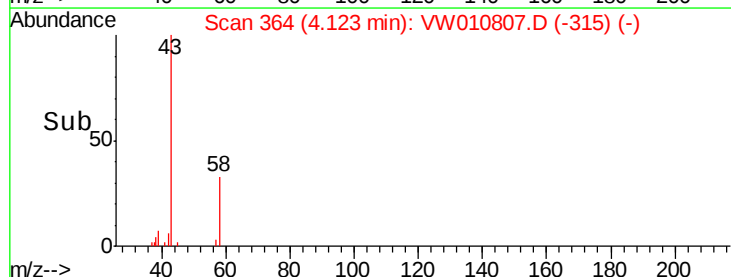
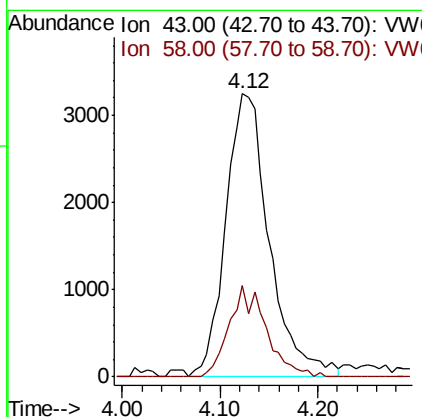
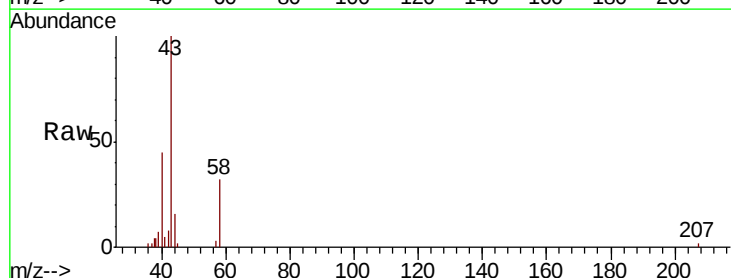
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBL01

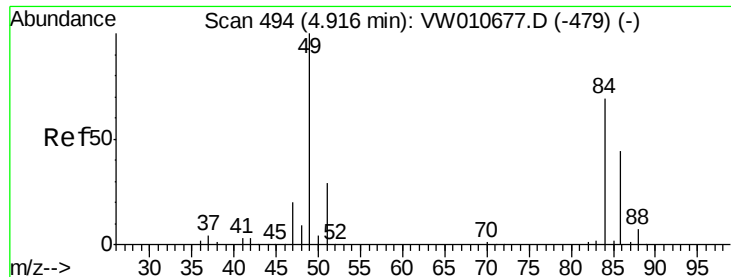
Tgt Ion: 59 Resp: 2782
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 14.171 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW010807.D
Acq: 14 Jun 2019 11:51

Tgt Ion: 43 Resp: 10030
Ion Ratio Lower Upper
43 100
58 32.4 22.1 33.1

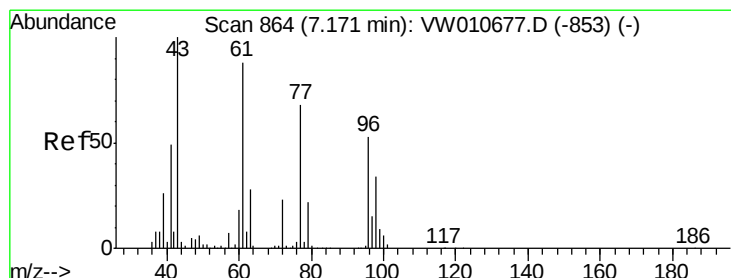
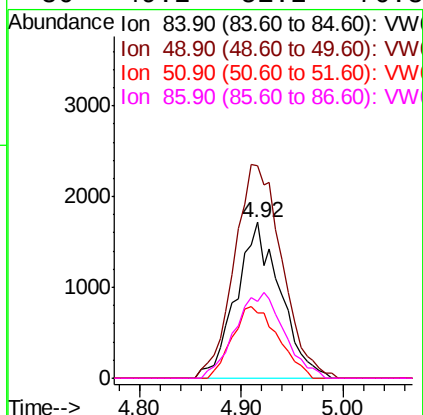
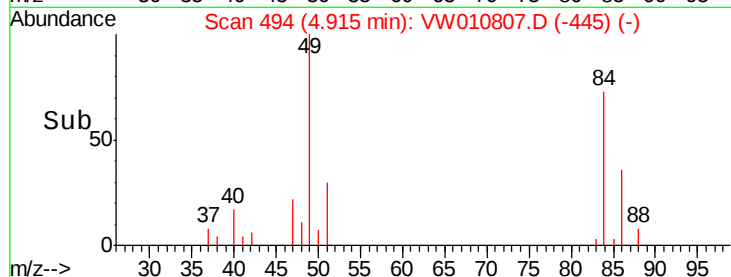
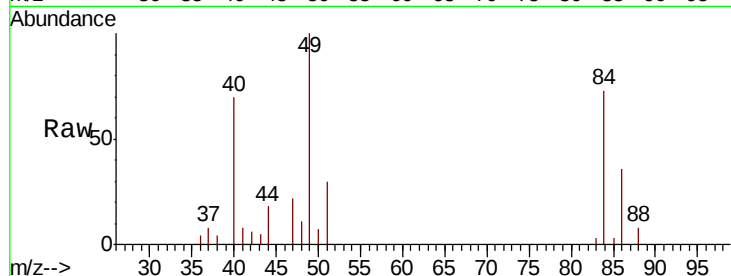




#20
Methylene Chloride
Concen: 2.072 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010807.D
Acq: 14 Jun 2019 11:51

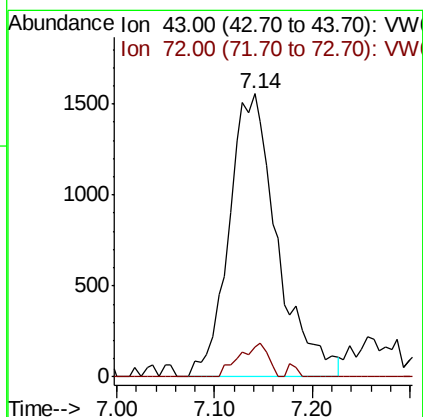
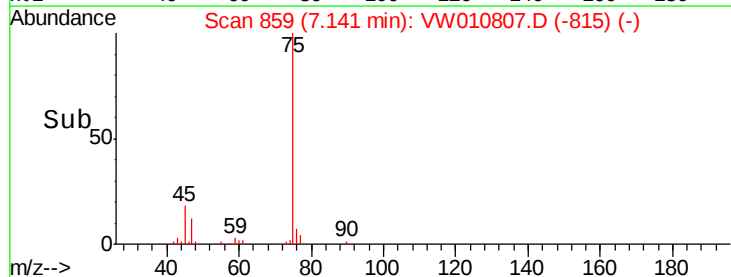
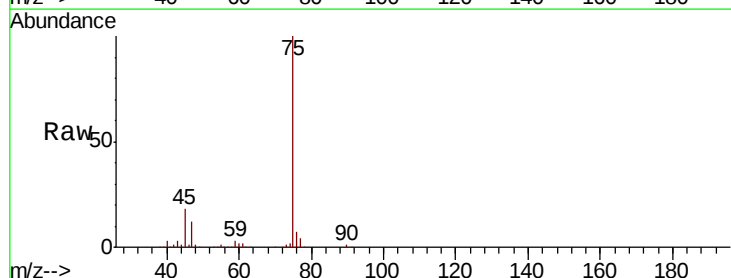
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBL01

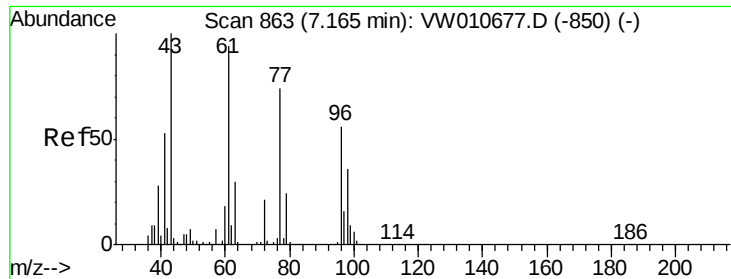
Tgt Ion: 84 Resp: 5145
Ion Ratio Lower Upper
84 100
49 136.5 116.7 175.1
51 41.6 34.2 51.2
86 49.2 51.2 76.8#



#25
2-Butanone
Concen: 5.462 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW010807.D
Acq: 14 Jun 2019 11:51

Tgt Ion: 43 Resp: 5361
Ion Ratio Lower Upper
43 100
72 10.7 18.1 27.1#





#26

2,2-Dichloropropane

Concen: 1.290 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW010807.D

Acq: 14 Jun 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

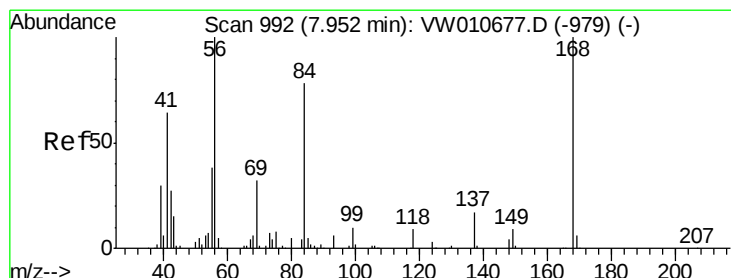
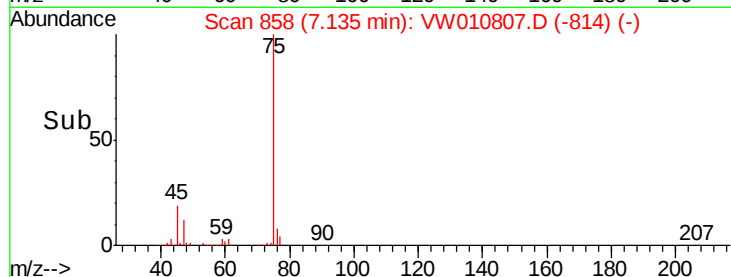
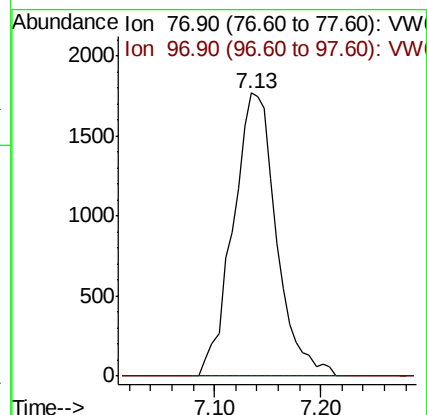
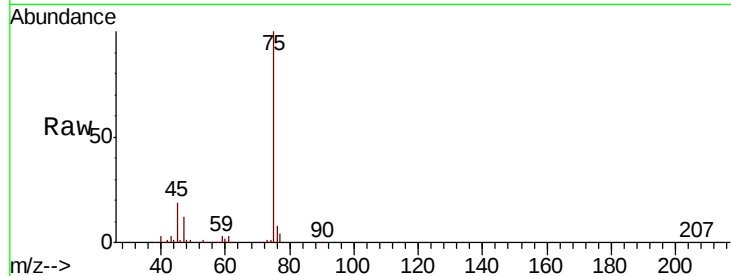
VW0614SBL01

Tgt Ion: 77 Resp: 5032

Ion Ratio Lower Upper

77 100

97 0.0 10.5 31.6#



#31

Cyclohexane

Concen: 1.115 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010807.D

Acq: 14 Jun 2019 11:51

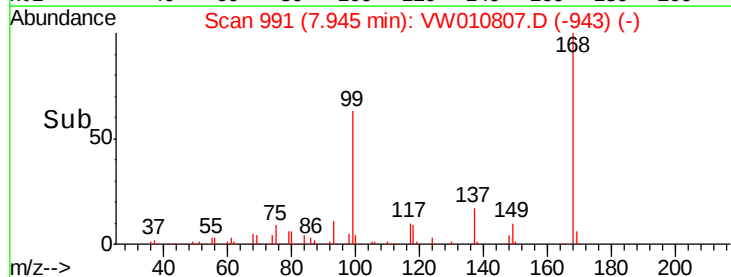
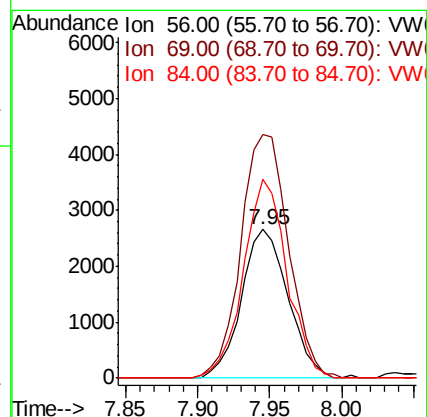
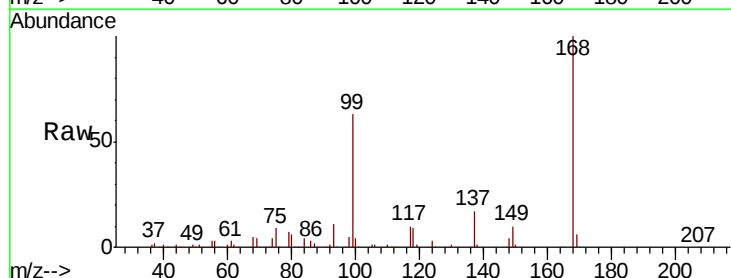
Tgt Ion: 56 Resp: 5941

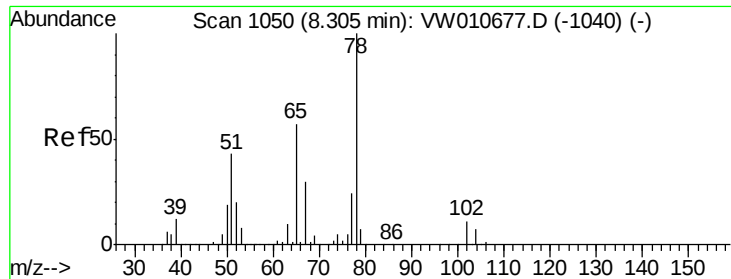
Ion Ratio Lower Upper

56 100

69 163.7 25.2 37.8#

84 133.8 62.2 93.2#

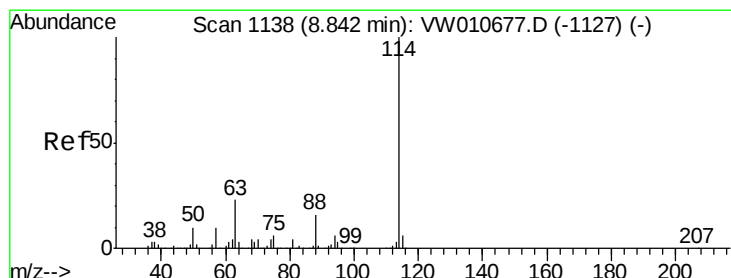
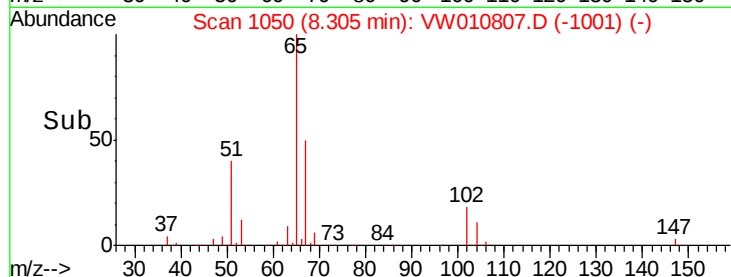
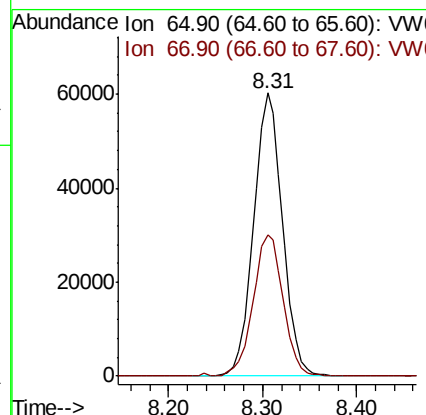
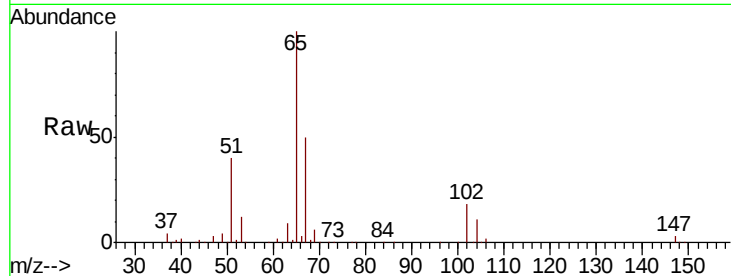




#33
 1,2-Dichloroethane-d4
 Concen: 48.950 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010807.D
 Acq: 14 Jun 2019 11:51

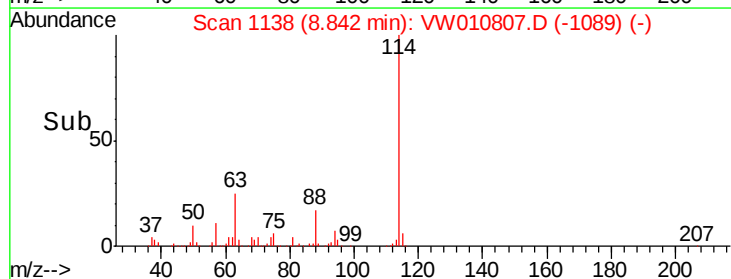
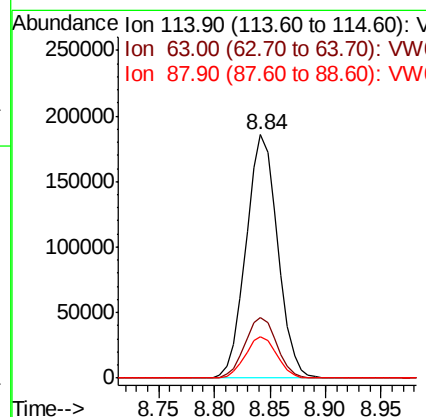
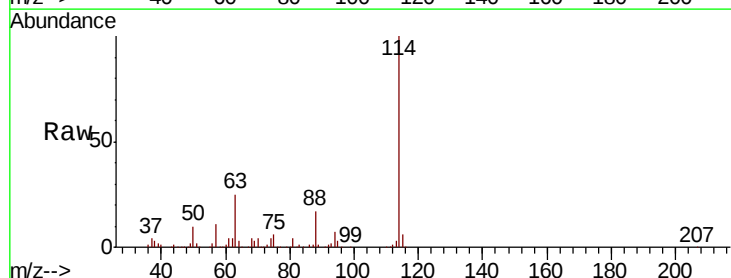
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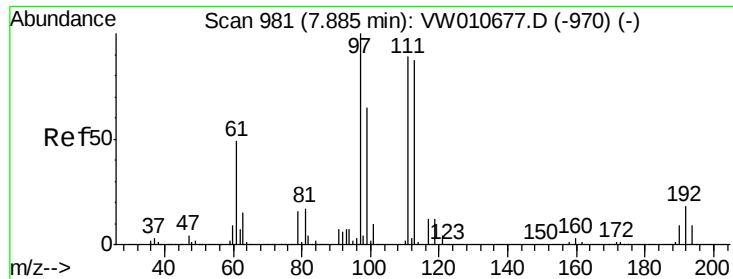
Tgt Ion: 65 Resp: 129305
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010807.D
 Acq: 14 Jun 2019 11:51

Tgt Ion: 114 Resp: 366582
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 46.4
 88 17.1 0.0 32.2

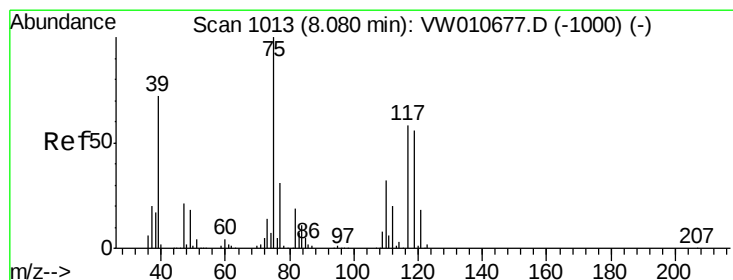
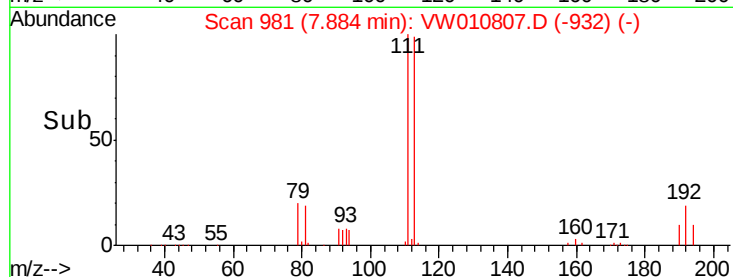
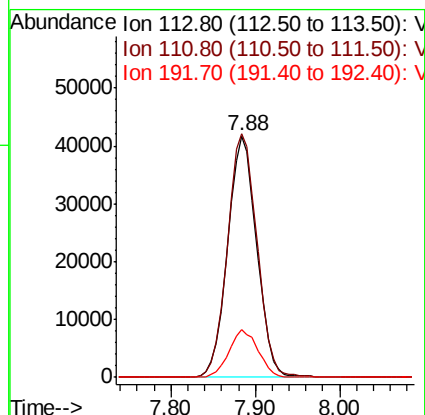
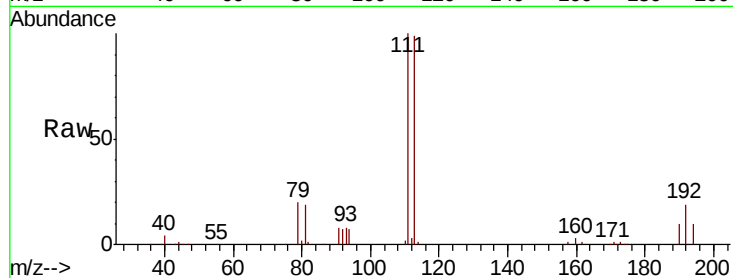




#35
 Dibromofluoromethane
 Concen: 49.008 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010807.D
 Acq: 14 Jun 2019 11:51

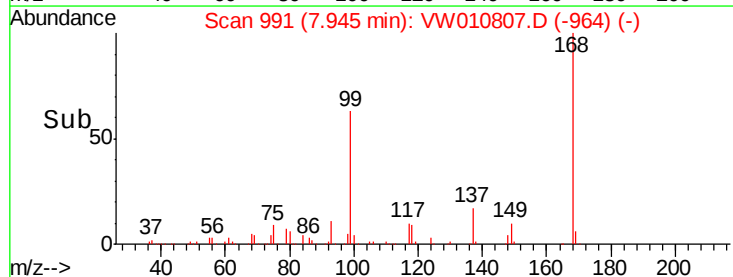
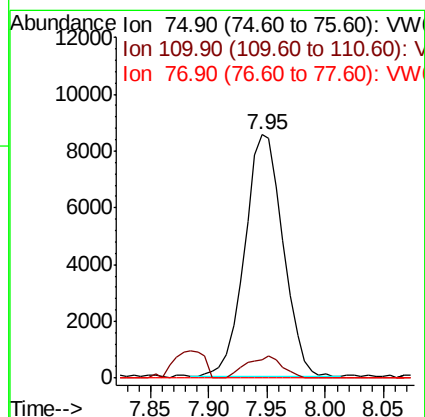
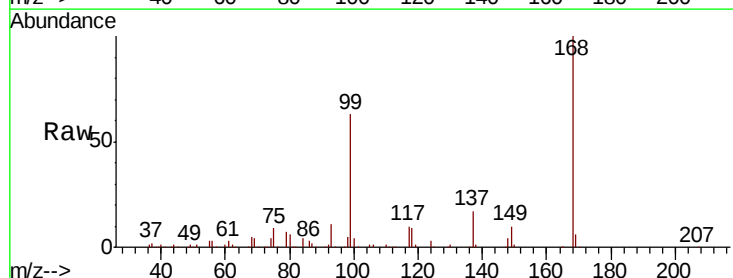
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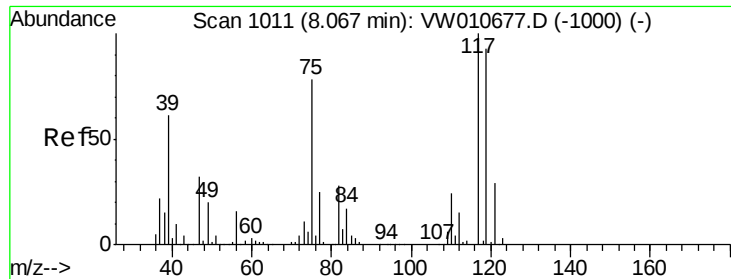
Tgt Ion:113 Resp: 97513
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 19.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.176 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010807.D
 Acq: 14 Jun 2019 11:51

Tgt Ion: 75 Resp: 19422
 Ion Ratio Lower Upper
 75 100
 110 8.6 15.8 47.3#
 77 0.0 24.7 37.1#

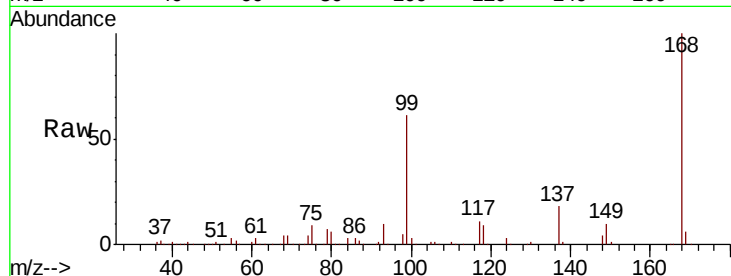




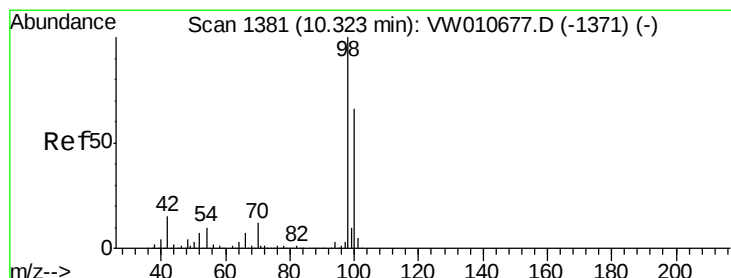
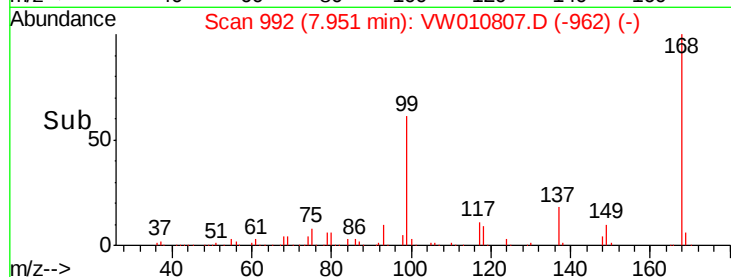
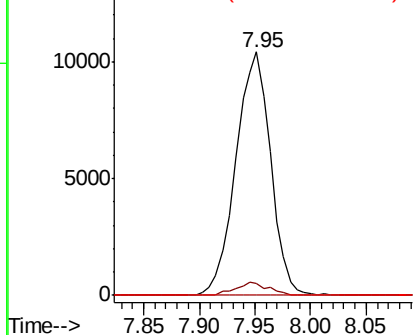
#38
Carbon Tetrachloride
Concen: 6.952 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010807.D
Acq: 14 Jun 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBL01

Tgt Ion: 117 Resp: 22518
Ion Ratio Lower Upper
117 100
119 4.7 74.2 111.4#
121 0.0 22.9 34.3#

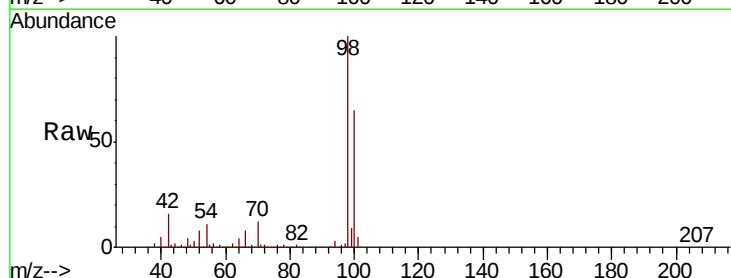


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

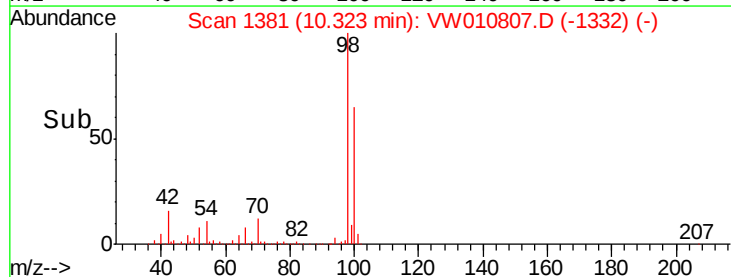
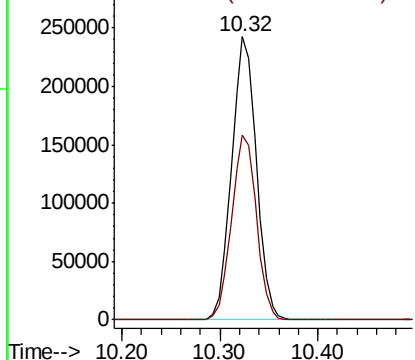


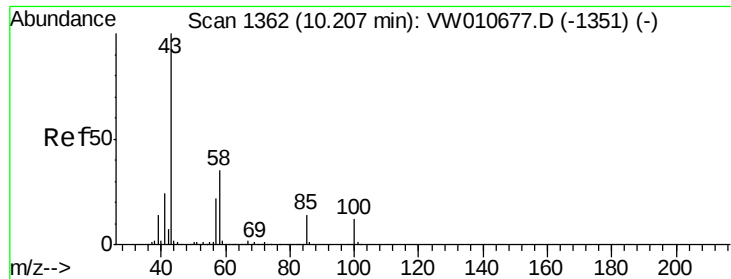
#50
Toluene-d8
Concen: 48.790 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010807.D
Acq: 14 Jun 2019 11:51

Tgt Ion: 98 Resp: 425706
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

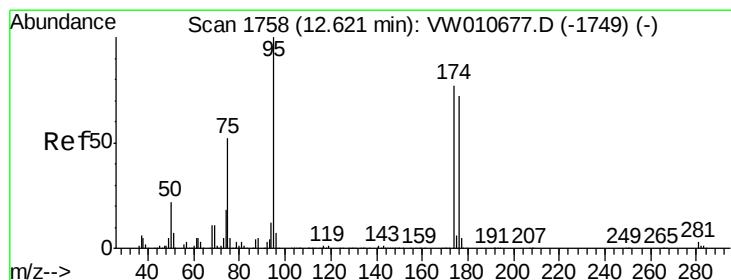
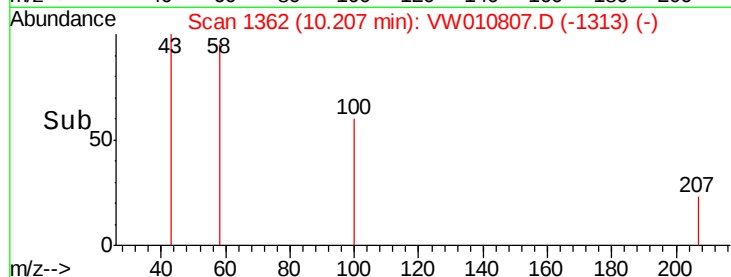
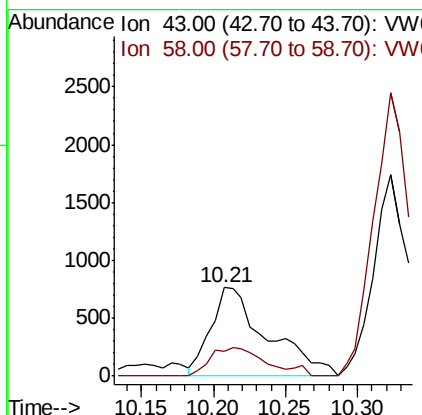
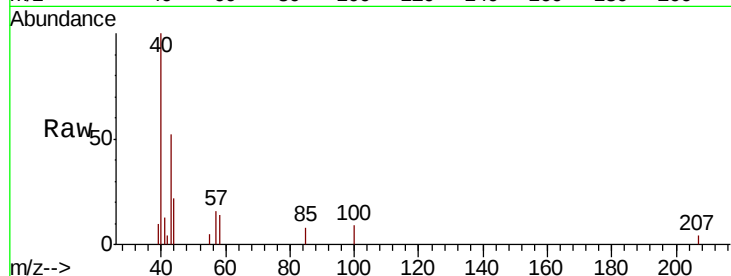




#51
 4-Methyl-2-Pentanone
 Concen: 1.023 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010807.D
 Acq: 14 Jun 2019 11:51

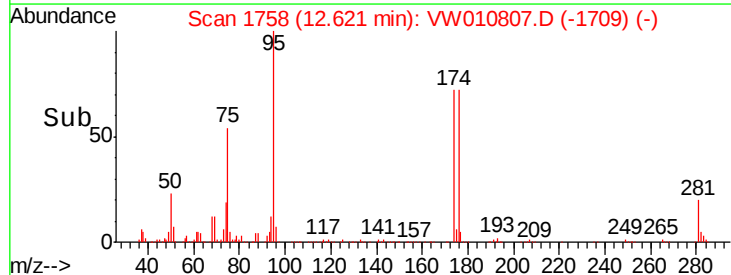
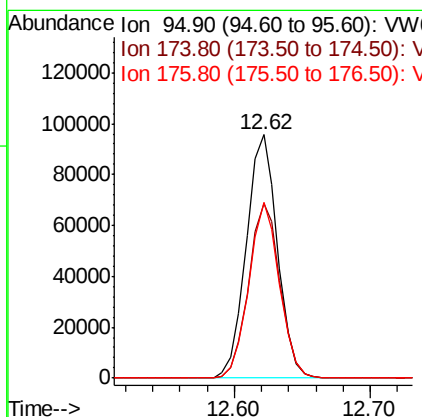
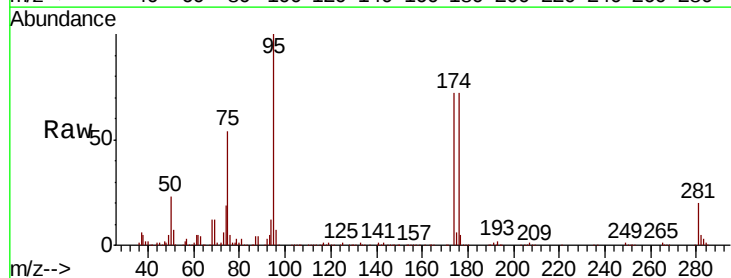
Instrument :
 MSVOA_W
 ClientSampled :
 VW0614SBL01

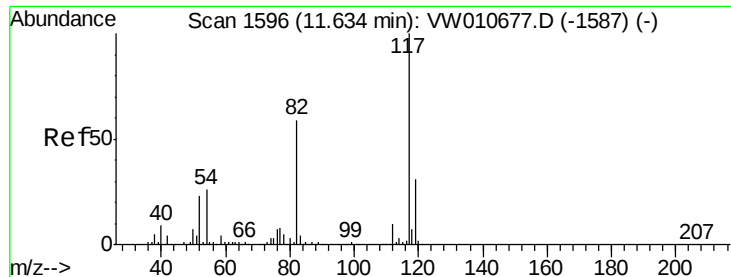
Tgt Ion: 43 Resp: 2100
 Ion Ratio Lower Upper
 43 100
 58 32.2 28.4 42.6



#62
 4-Bromofluorobenzene
 Concen: 48.321 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010807.D
 Acq: 14 Jun 2019 11:51

Tgt Ion: 95 Resp: 153418
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 150.4
 176 71.0 0.0 144.8

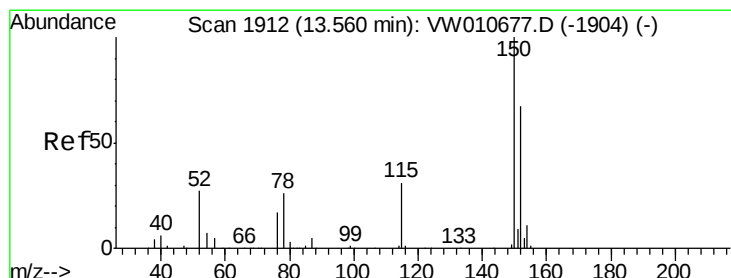
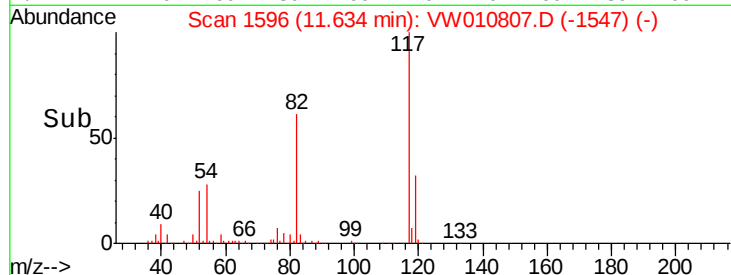
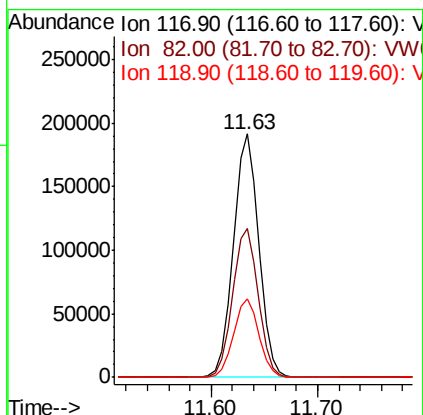
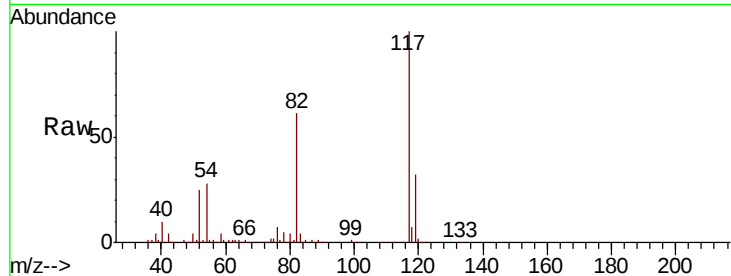




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010807.D
Acq: 14 Jun 2019 11:51

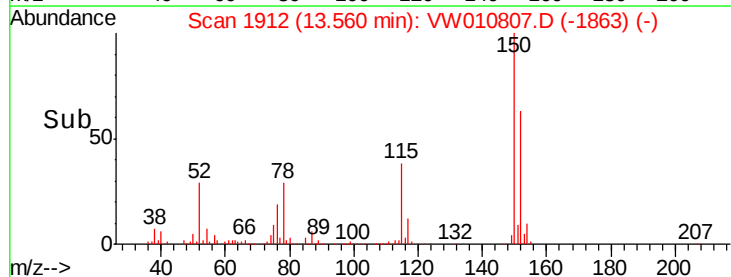
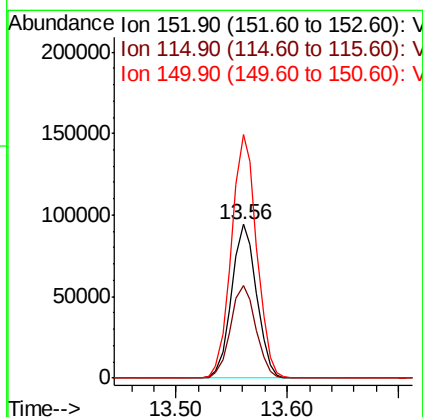
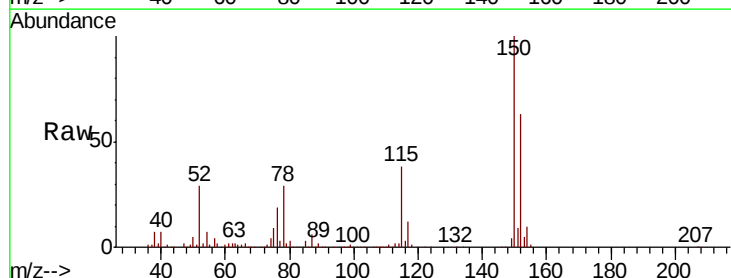
Instrument :
MSVOA_W
ClientSampleId :
VW0614SBL01

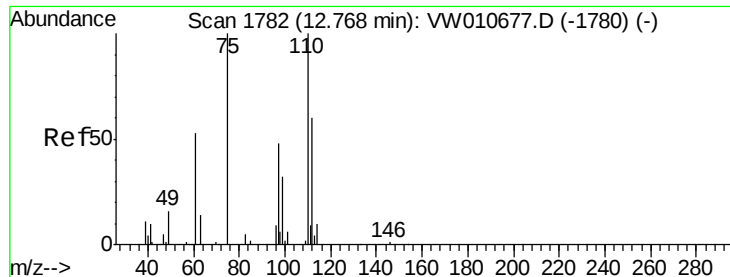
Tgt Ion:117 Resp: 320176
Ion Ratio Lower Upper
117 100
82 61.1 47.0 70.4
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010807.D
Acq: 14 Jun 2019 11:51

Tgt Ion:152 Resp: 146792
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 159.1 0.0 345.0

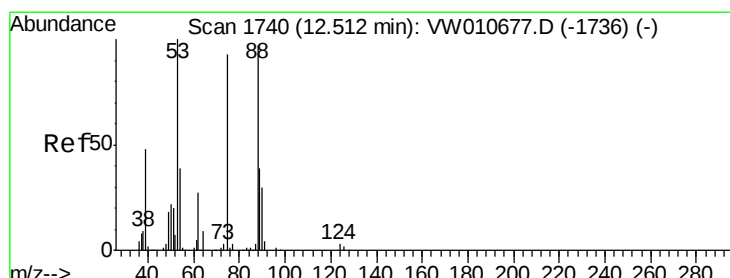
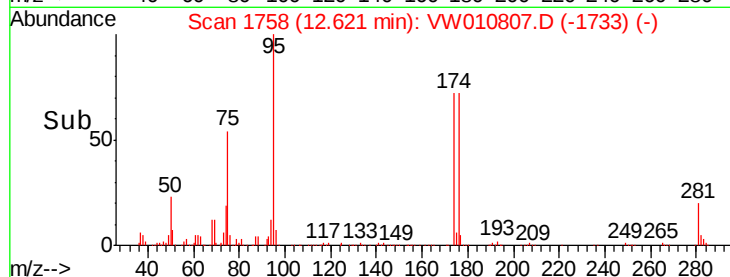
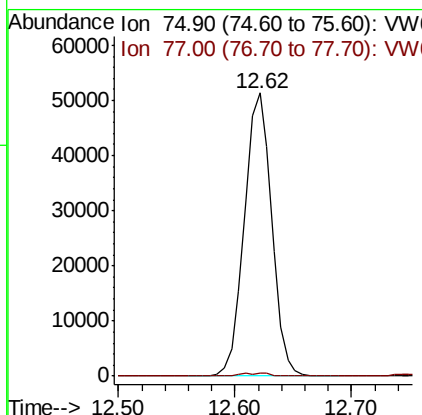
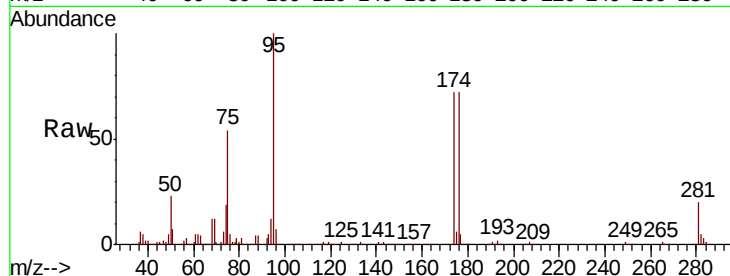




#76
 1,2,3-Trichloropropane
 Concen: 54.758 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010807.D
 Acq: 14 Jun 2019 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBL01

Tgt Ion: 75 Resp: 84411
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.853 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010807.D
 Acq: 14 Jun 2019 11:51

Tgt Ion: 75 Resp: 84411
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.1 34.6 52.0#

