

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010793.D
 Acq On : 13 Jun 2019 13:08
 Operator : SY/VA
 Sample : K3156-03RE
 Misc : 6.82G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 14 07:55:56 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	154308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	257677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	213877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84006	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	99306	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	7.88	113	70824	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.32	98	262607	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
62) 4-Bromofluorobenzene	12.62	95	95661	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	

Target Compounds

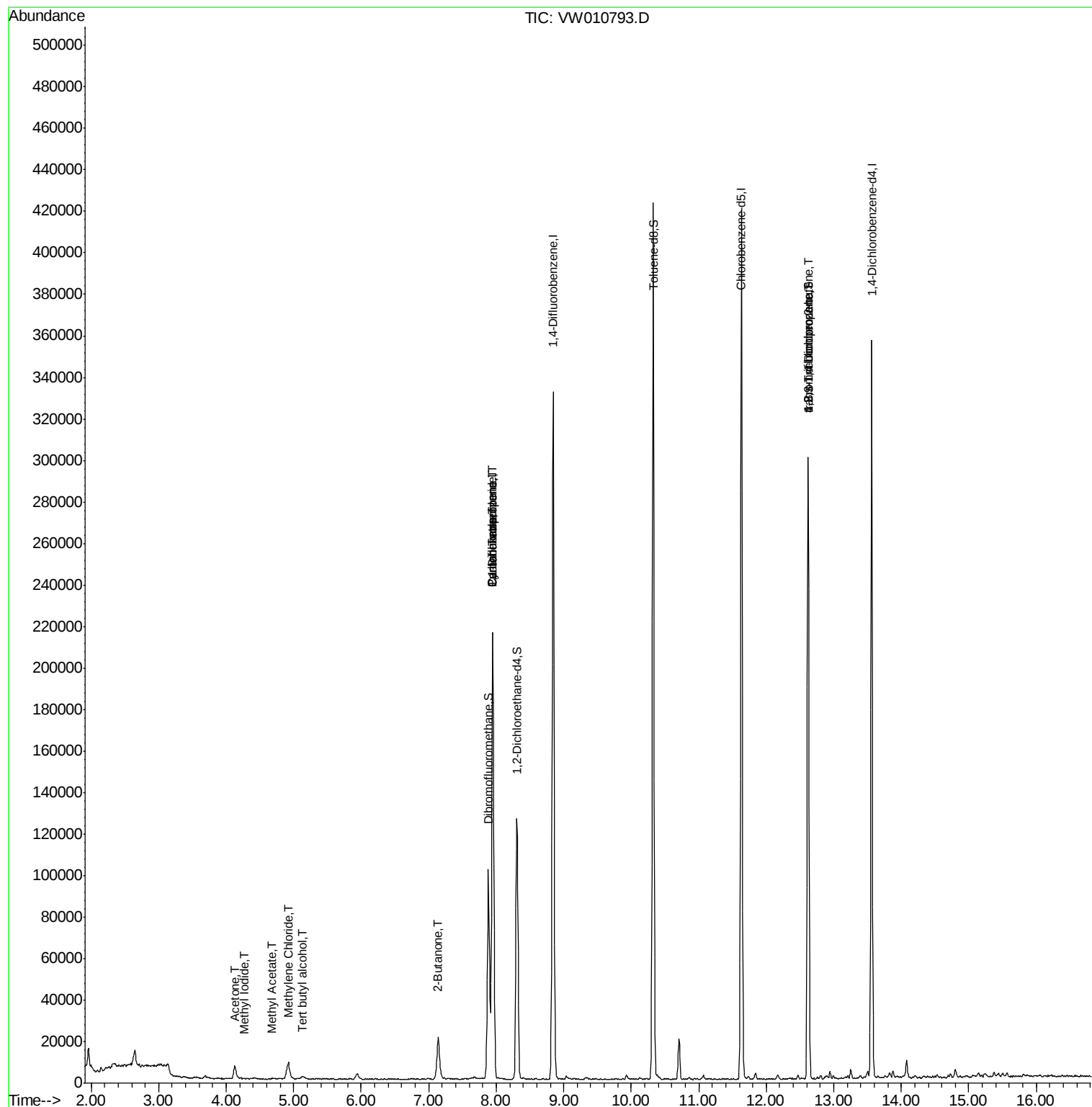
						Qvalue
10) Methyl Iodide	4.27	142	312	4.975	ug/l #	41
11) Tert butyl alcohol	5.12	59	707	4.771	ug/l #	72
16) Acetone	4.13	43	11281	23.148	ug/l	96
18) Methyl Acetate	4.68	43	1266	1.207	ug/l #	72
20) Methylene Chloride	4.92	84	5131	3.001	ug/l	89
25) 2-Butanone	7.13	43	1449	2.144	ug/l #	89
31) Cyclohexane	7.95	56	4214	1.148	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13636	5.170	ug/l #	52
38) Carbon Tetrachloride	7.95	117	15720	6.904	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	52932	60.002	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	52932	137.903	ug/l #	5

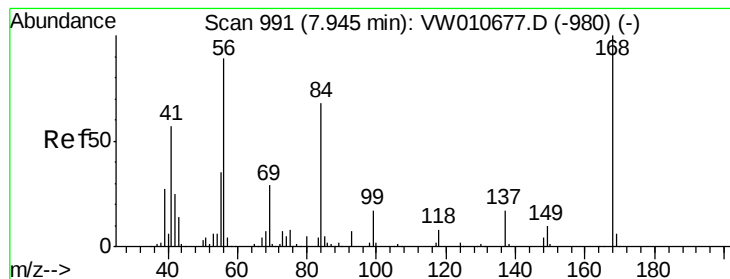
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061319\
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Quant Time: Jun 14 07:55:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
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: VW010793.D

Acq: 13 Jun 2019 13:08

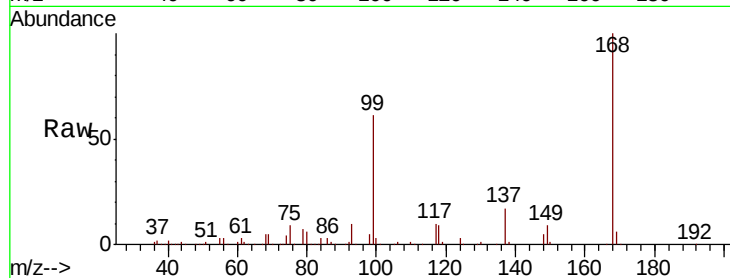
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 154308

Ion Ratio Lower Upper

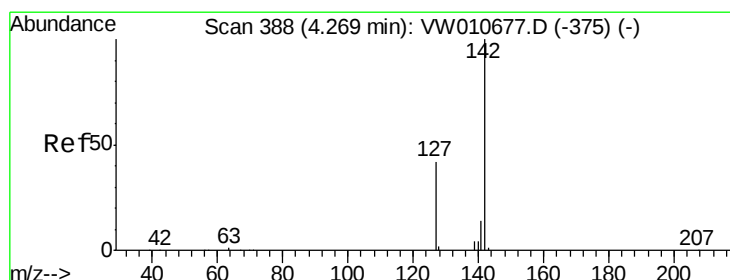
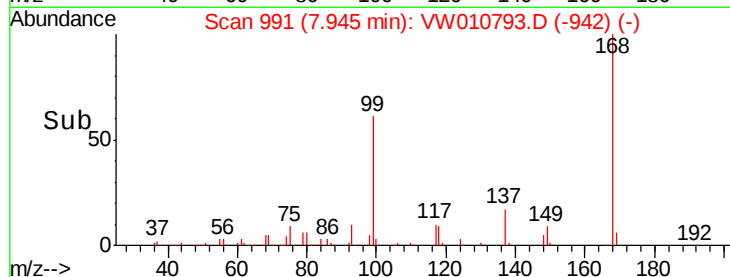
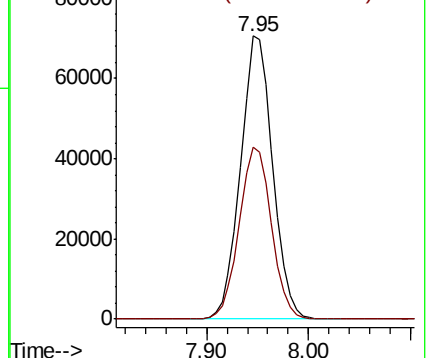
168 100

99 60.6 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: 4.975 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010793.D

Acq: 13 Jun 2019 13:08

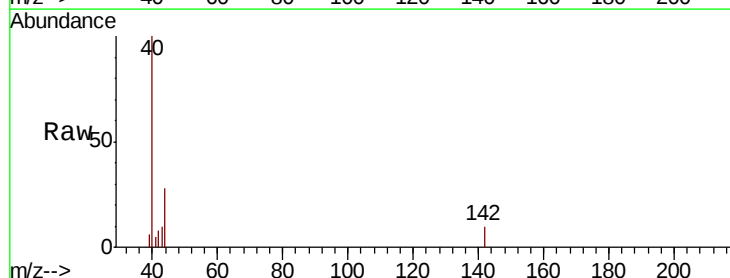
Tgt Ion:142 Resp: 312

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

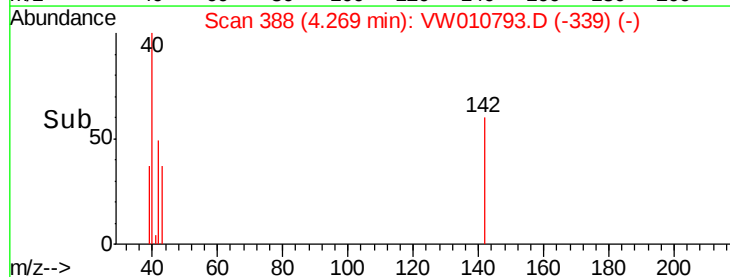
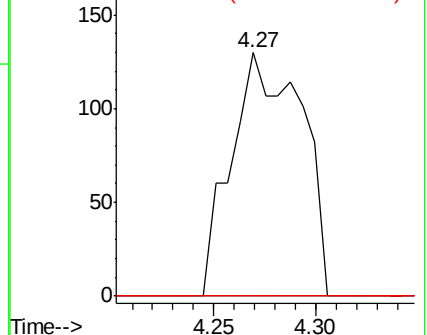
141 0.0 11.6 17.4#

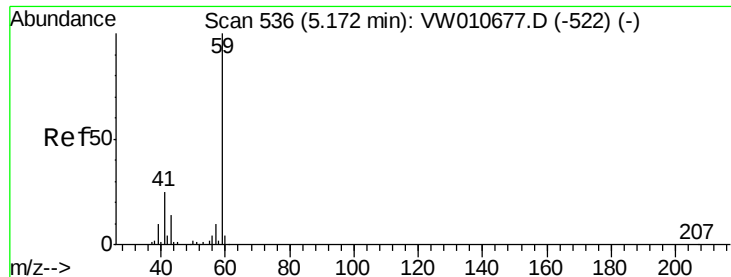


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



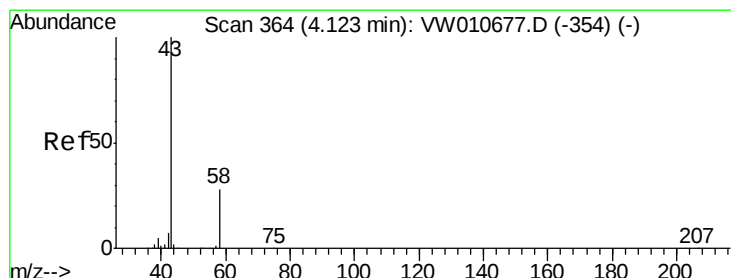
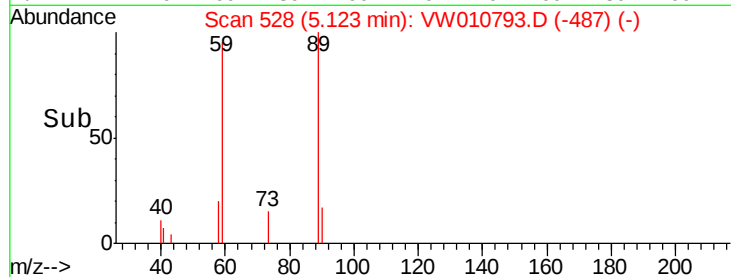
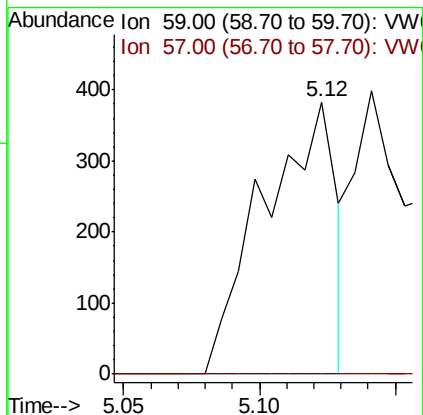
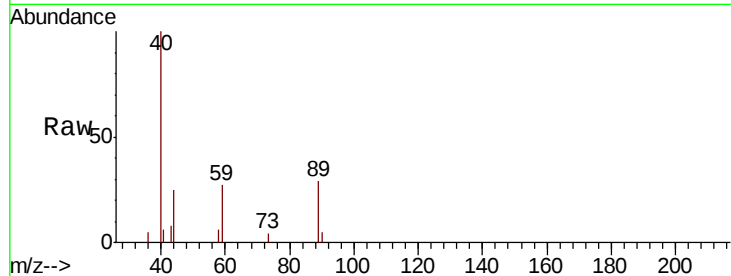


#11

Tert butyl alcohol
 Concen: 4.771 ug/l
 RT: 5.12 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: VW010793.D
 Acq: 13 Jun 2019 13:08

Instrument :
 MSVOA_W
 ClientSampleId :

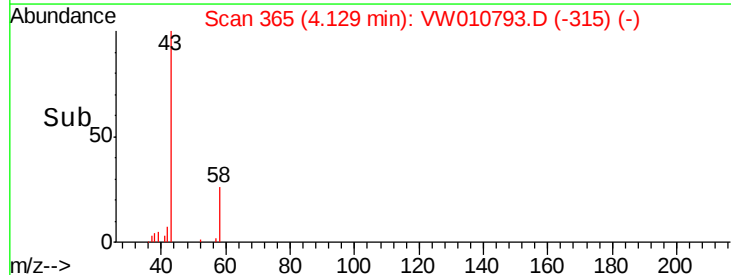
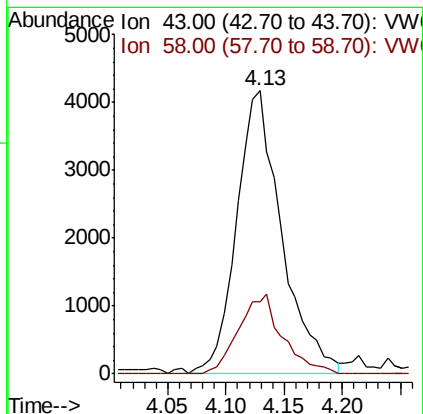
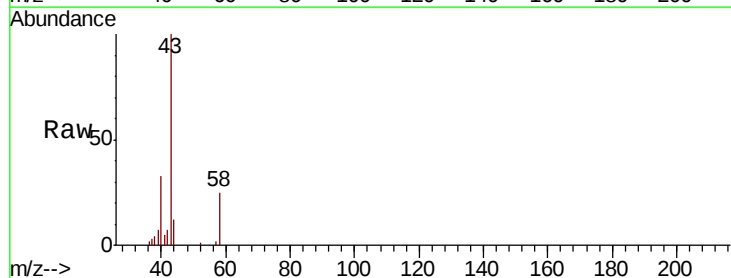
Tot Ion: 59 Resp: 707
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

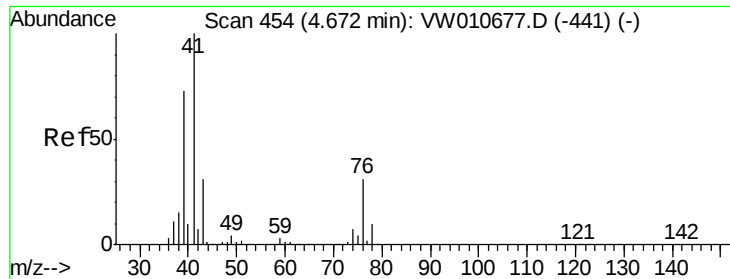


#16

Acetone
 Concen: 23.148 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW010793.D
 Acq: 13 Jun 2019 13:08

Tgt Ion: 43 Resp: 11281
 Ion Ratio Lower Upper
 43 100
 58 25.3 22.1 33.1

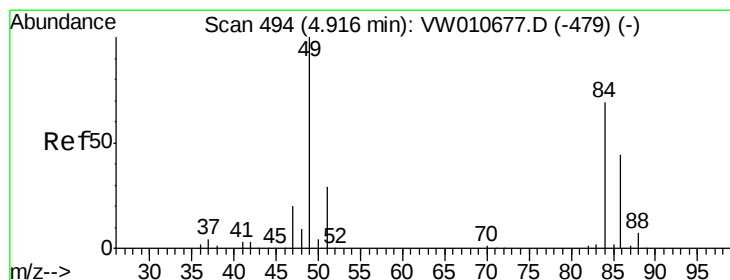
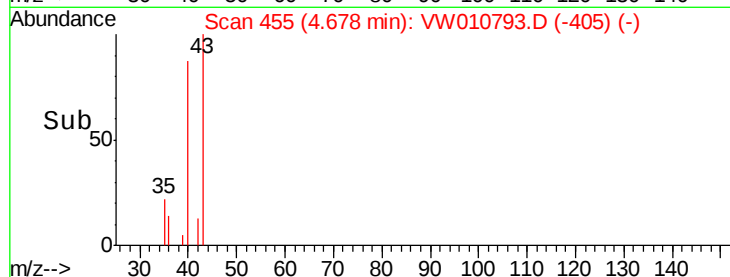
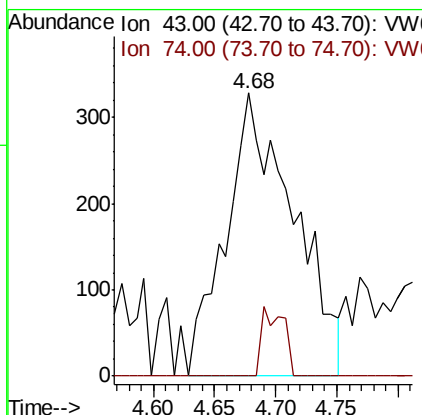
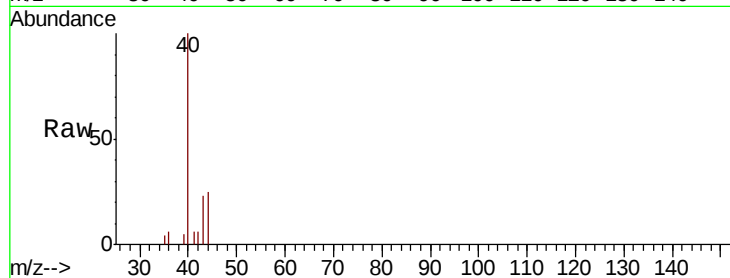




#18
Methyl Acetate
Concen: 1.207 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010793.D
Acq: 13 Jun 2019 13:08

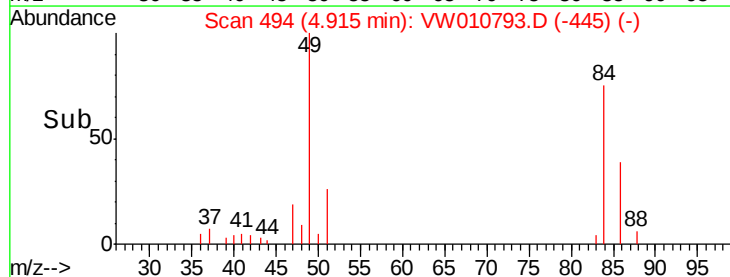
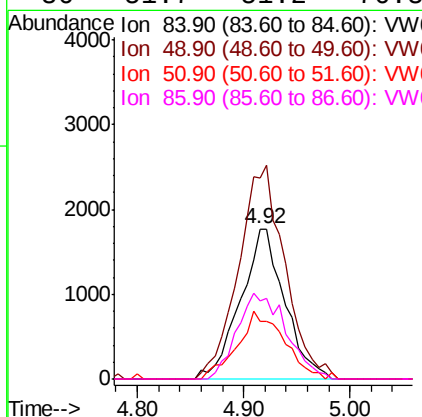
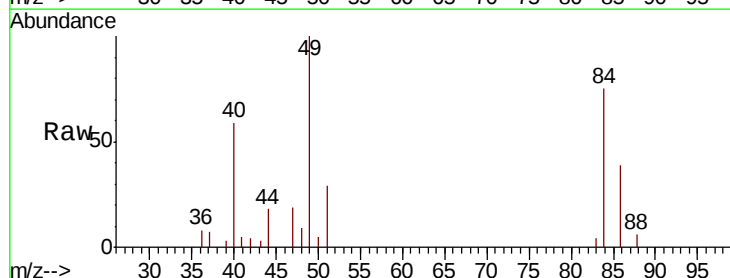
Instrument :
MSVOA_W
ClientSampled :

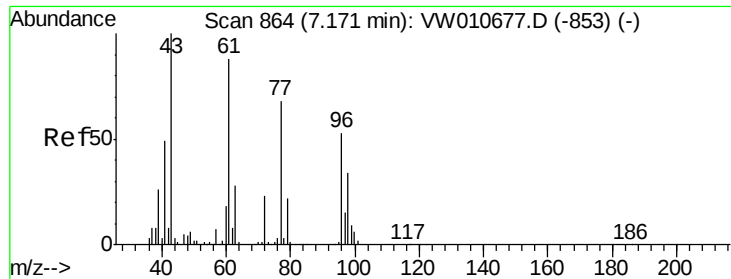
Tot Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
74 8.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.001 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010793.D
Acq: 13 Jun 2019 13:08

Tgt Ion: 84 Resp: 5131
Ion Ratio Lower Upper
84 100
49 134.0 116.7 175.1
51 38.2 34.2 51.2
86 51.7 51.2 76.8





#25

2-Butanone

Concen: 2.144 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW010793.D

Acq: 13 Jun 2019 13:08

Instrument :

MSVOA_W

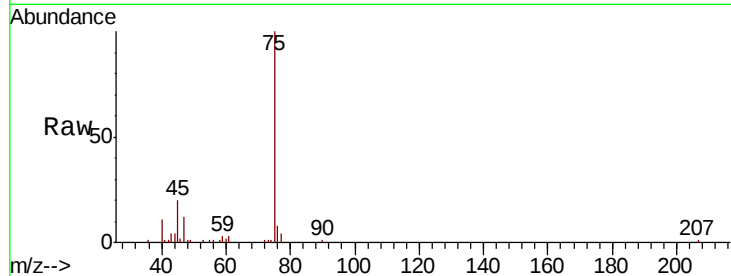
ClientSampled :

Tot Ion: 43 Resp: 1449

Ion Ratio Lower Upper

43 100

72 17.3 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.13

500

400

300

200

100

0

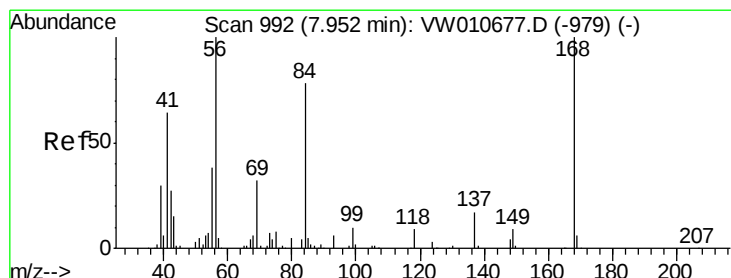
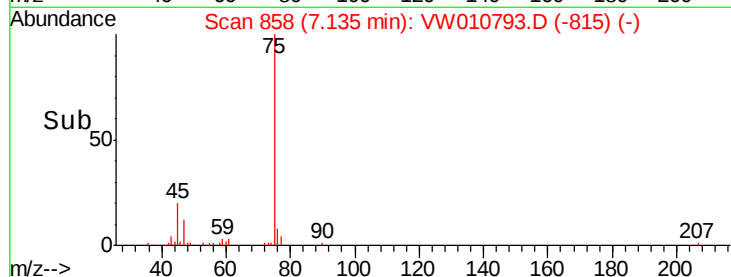
7.05

7.10

7.15

7.20

Time-->



#31

Cyclohexane

Concen: 1.148 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010793.D

Acq: 13 Jun 2019 13:08

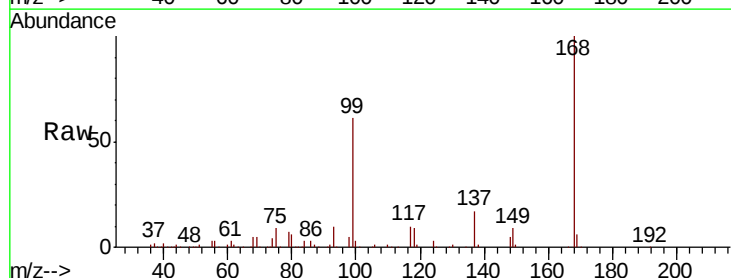
Tgt Ion: 56 Resp: 4214

Ion Ratio Lower Upper

56 100

69 183.0 25.2 37.8#

84 124.5 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

4000

3000

2000

1000

0

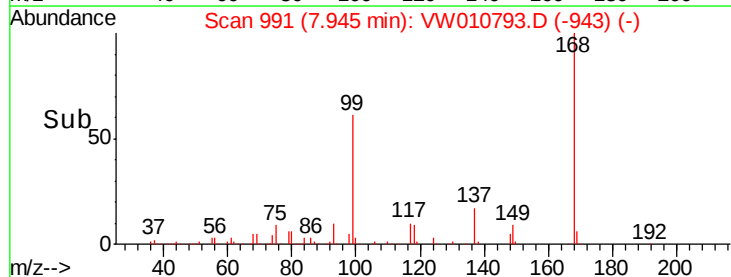
7.85

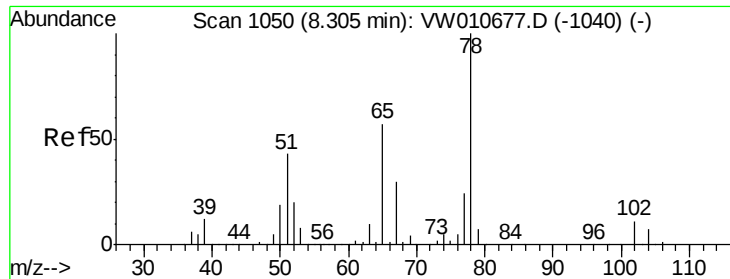
7.90

7.95

8.00

Time-->

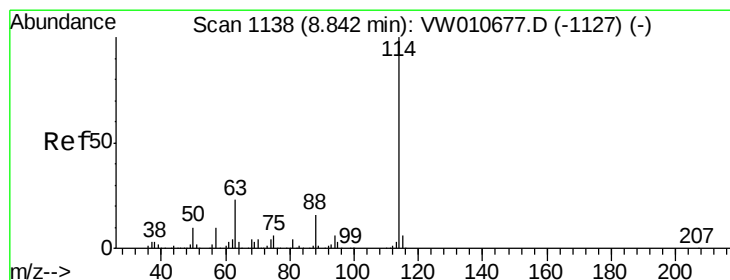
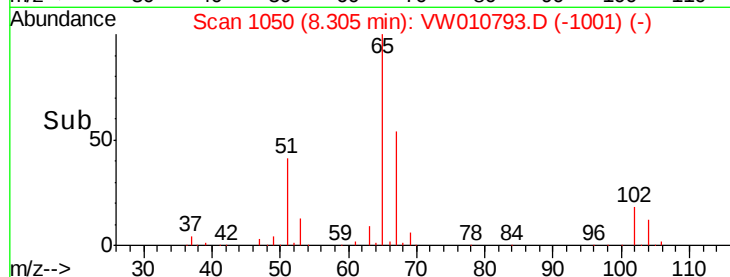
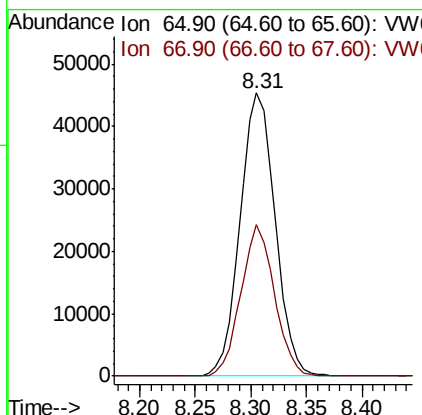
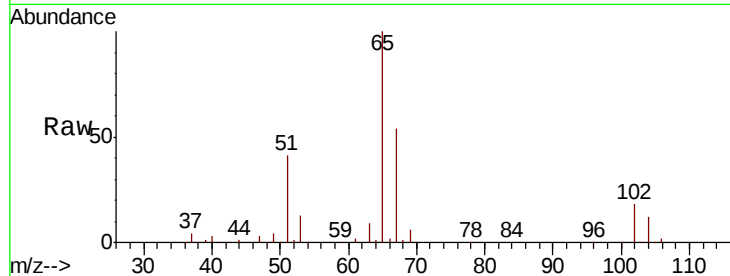




#33
 1,2-Dichloroethane-d4
 Concen: 54.600 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010793.D
 Acq: 13 Jun 2019 13:08

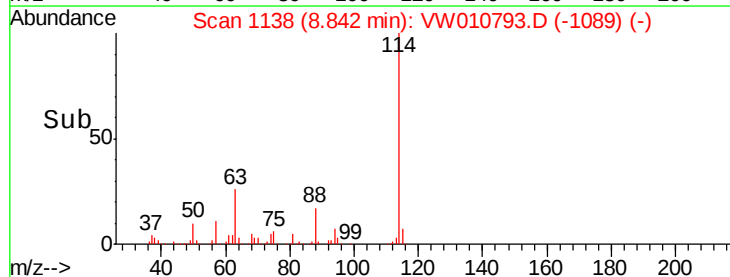
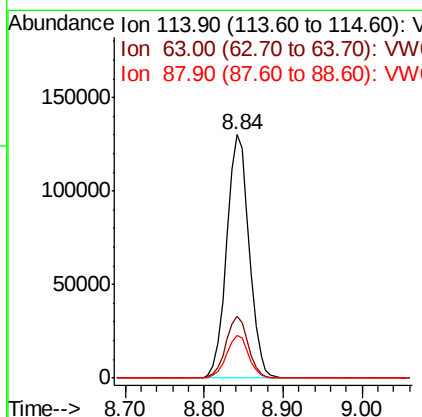
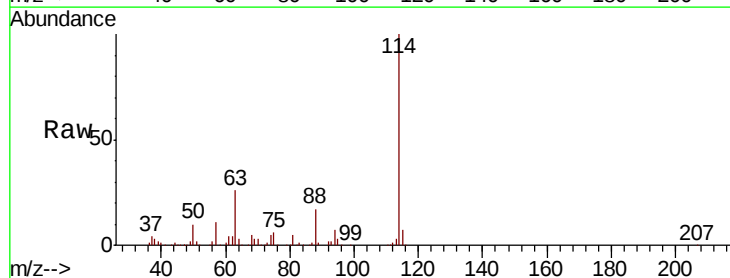
Instrument :
 MSVOA_W
 ClientSampled :

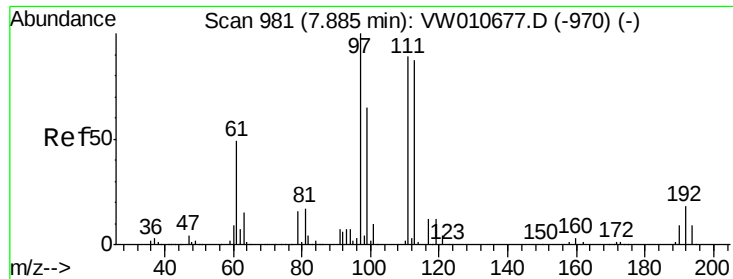
Tot Ion: 65 Resp: 99306
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010793.D
 Acq: 13 Jun 2019 13:08

Tgt Ion: 114 Resp: 257677
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 46.4
 88 17.5 0.0 32.2

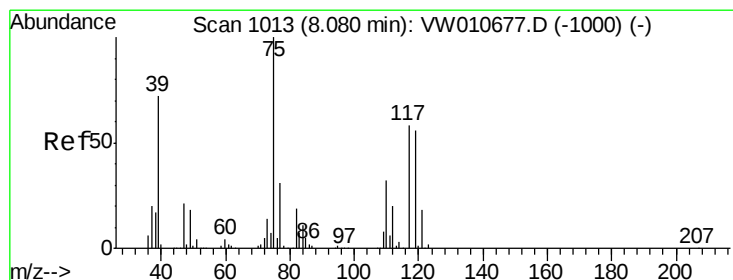
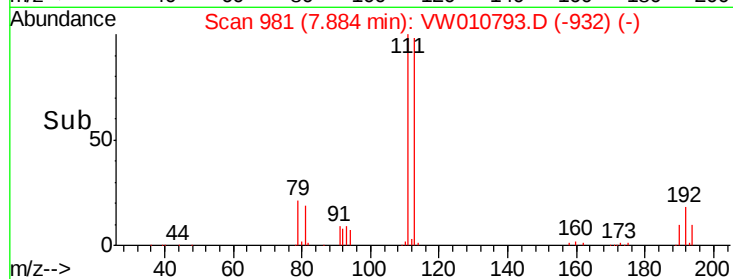
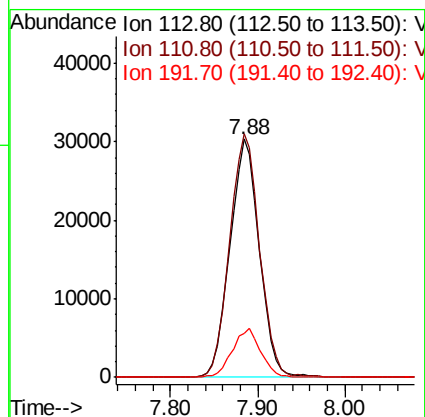
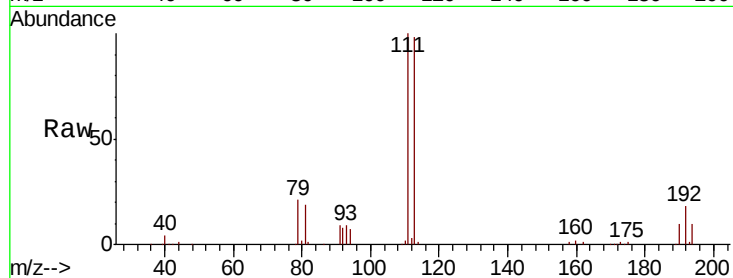




#35
 Dibromofluoromethane
 Concen: 50.639 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010793.D
 Acq: 13 Jun 2019 13:08

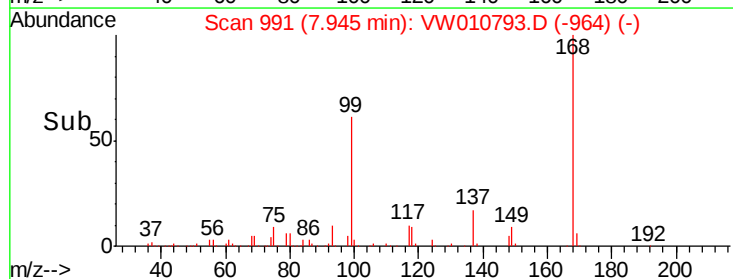
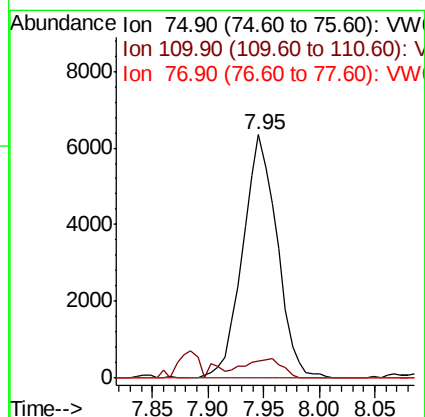
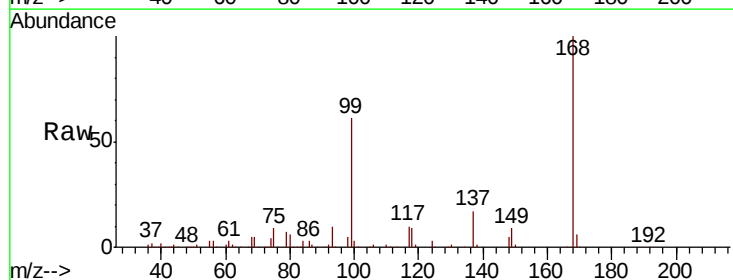
Instrument :
 MSVOA_W
 ClientSampleId :

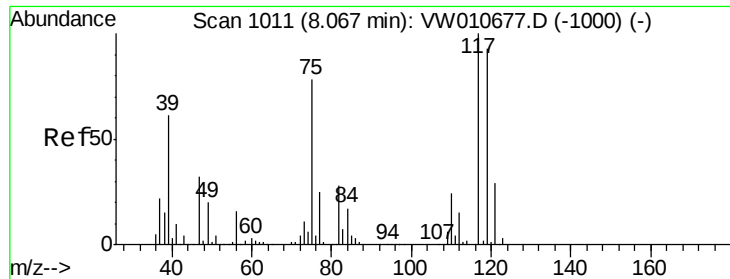
Tot Ion:113 Resp: 70824
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.6 123.8
 192 19.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.170 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010793.D
 Acq: 13 Jun 2019 13:08

Tgt Ion: 75 Resp: 13636
 Ion Ratio Lower Upper
 75 100
 110 9.0 15.8 47.3#
 77 0.0 24.7 37.1#

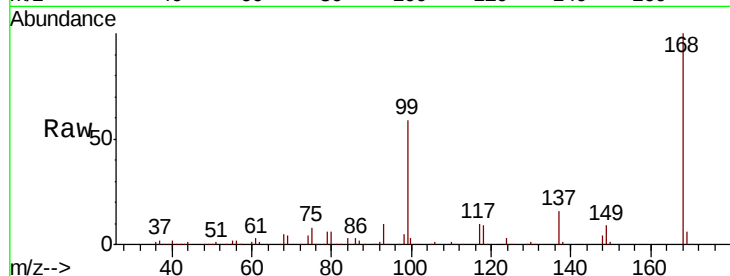




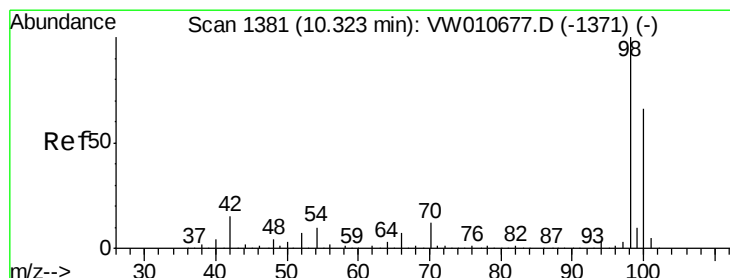
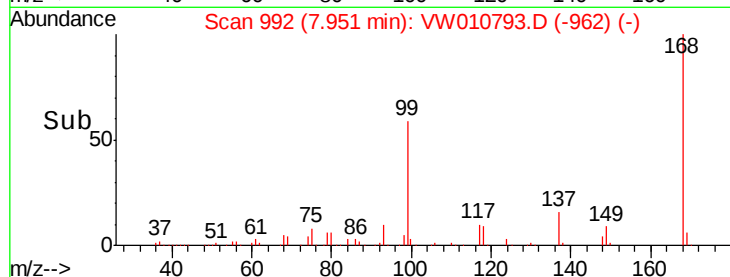
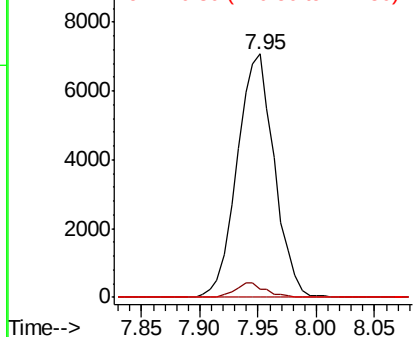
#38
Carbon Tetrachloride
Concen: 6.904 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010793.D
Acq: 13 Jun 2019 13:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 15720
Ion Ratio Lower Upper
117 100
119 3.3 74.2 111.4#
121 0.0 22.9 34.3#

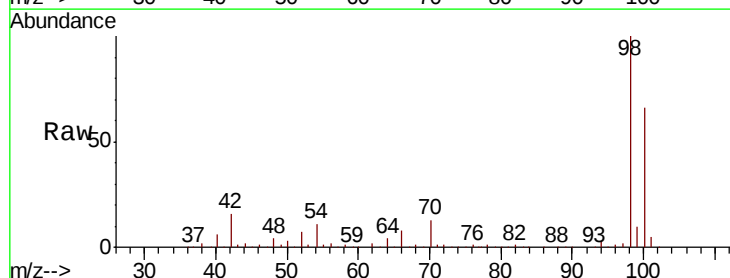


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

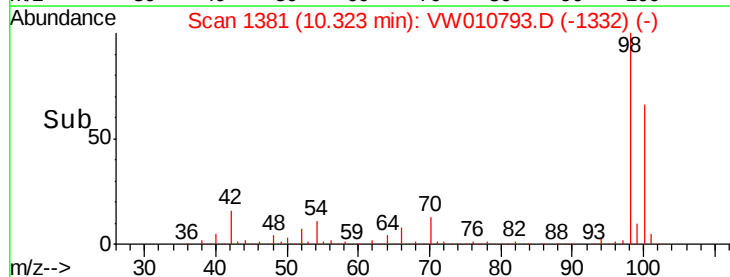
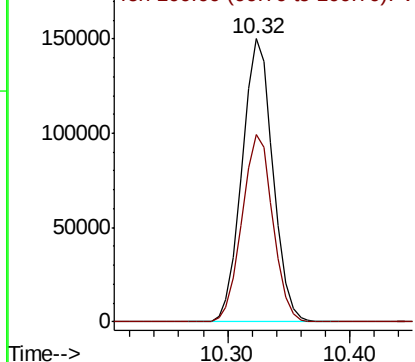


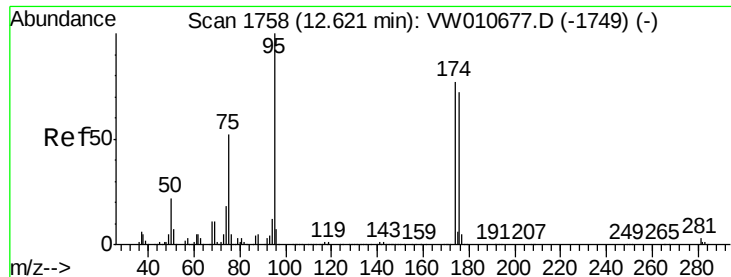
#50
Toluene-d8
Concen: 42.818 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010793.D
Acq: 13 Jun 2019 13:08

Tgt Ion: 98 Resp: 262607
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



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

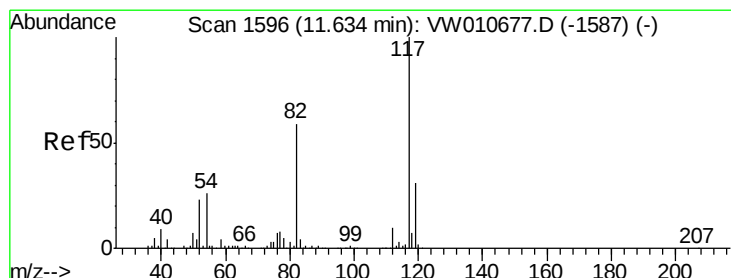
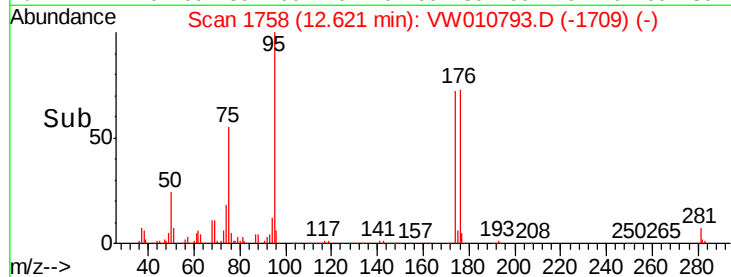
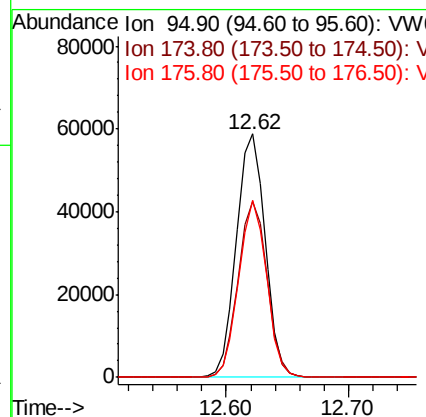
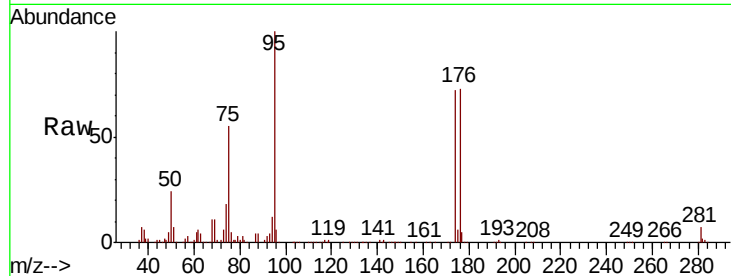




#62
4-Bromofluorobenzene
Concen: 42.864 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010793.D
Acq: 13 Jun 2019 13:08

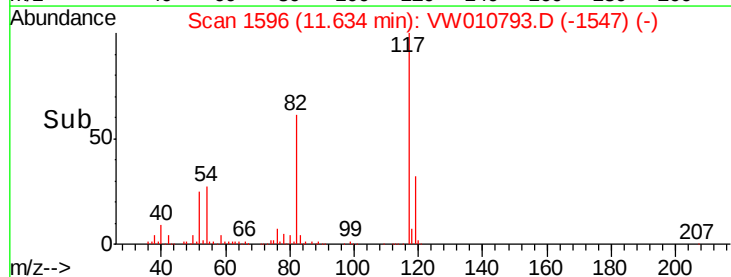
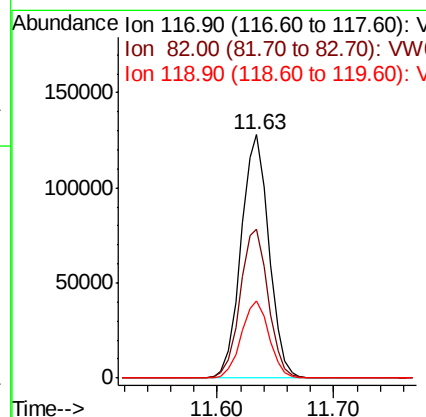
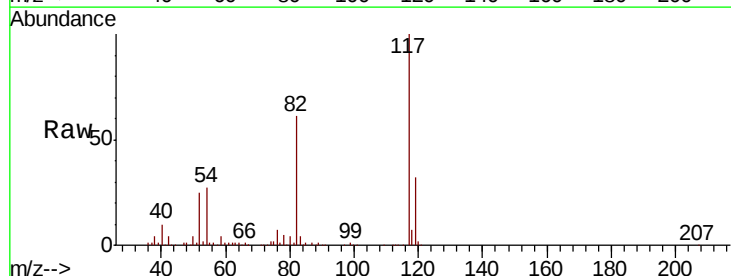
Instrument :
MSVOA_W
ClientSampleId :

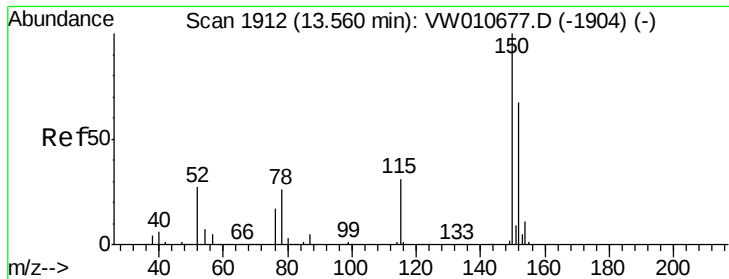
Tot Ion: 95 Resp: 95661
Ion Ratio Lower Upper
95 100
174 72.9 0.0 150.4
176 70.4 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010793.D
Acq: 13 Jun 2019 13:08

Tgt Ion: 117 Resp: 213877
Ion Ratio Lower Upper
117 100
82 61.4 47.0 70.4
119 31.9 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: VW010793.D

Acq: 13 Jun 2019 13:08

Instrument :

MSVOA_W

ClientSampleId :

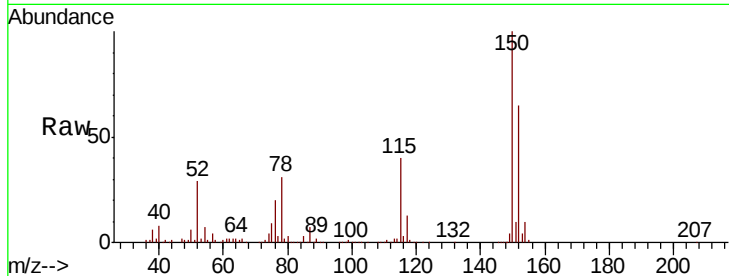
Tot Ion:152 Resp: 84006

Ion Ratio Lower Upper

152 100

115 59.9 29.8 89.3

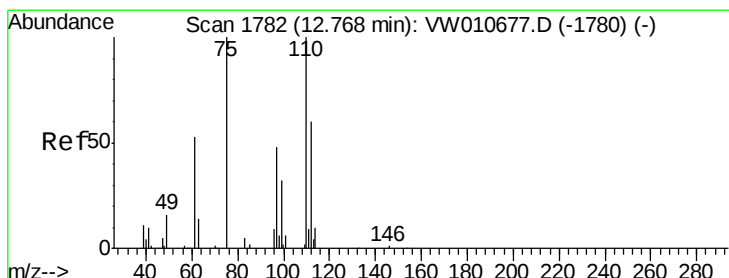
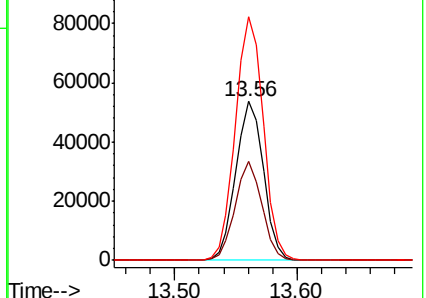
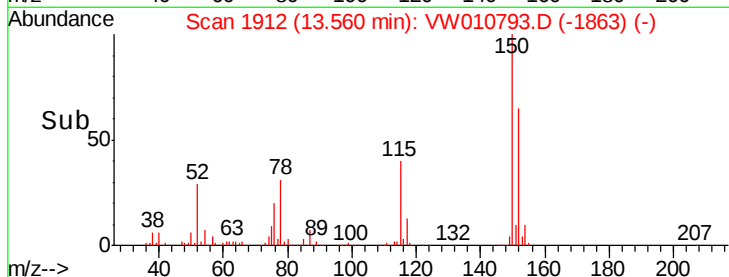
150 154.8 0.0 345.0



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: 60.002 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010793.D

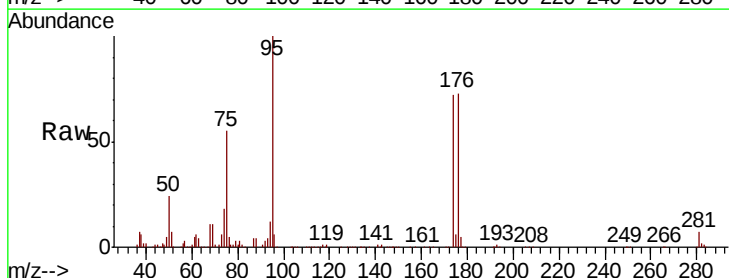
Acq: 13 Jun 2019 13:08

Tgt Ion: 75 Resp: 52932

Ion Ratio Lower Upper

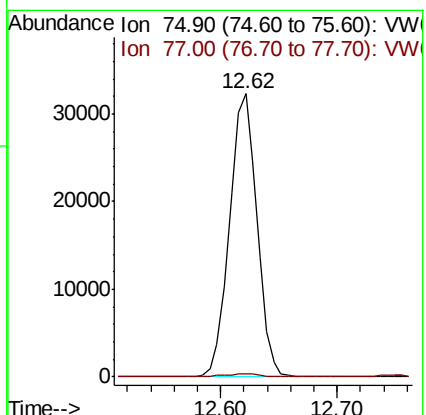
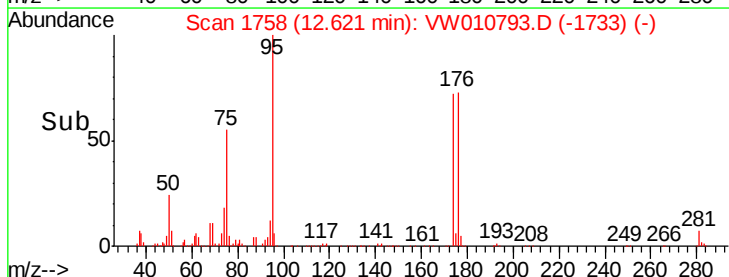
75 100

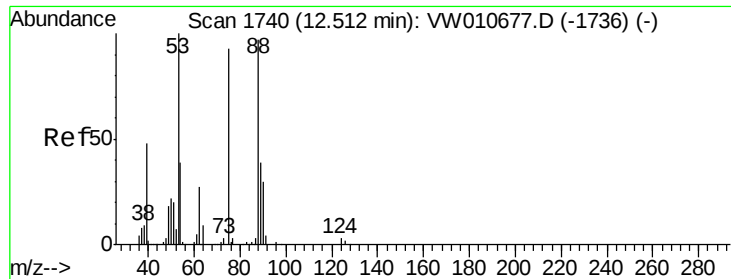
77 1.4 0.0 0.0#



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: 137.903 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010793.D

Acq: 13 Jun 2019 13:08

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 52932

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.1 34.6 52.0#

