

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010888.D
 Acq On : 20 Jun 2019 13:21
 Operator : SY/VA
 Sample : K3435-02
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:46:23 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	236188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134773	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	155663	55.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.84%	
35) Dibromofluoromethane	7.88	113	109579	52.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.24%	
50) Toluene-d8	10.32	98	475522	51.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.62	95	157271	46.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.76%	

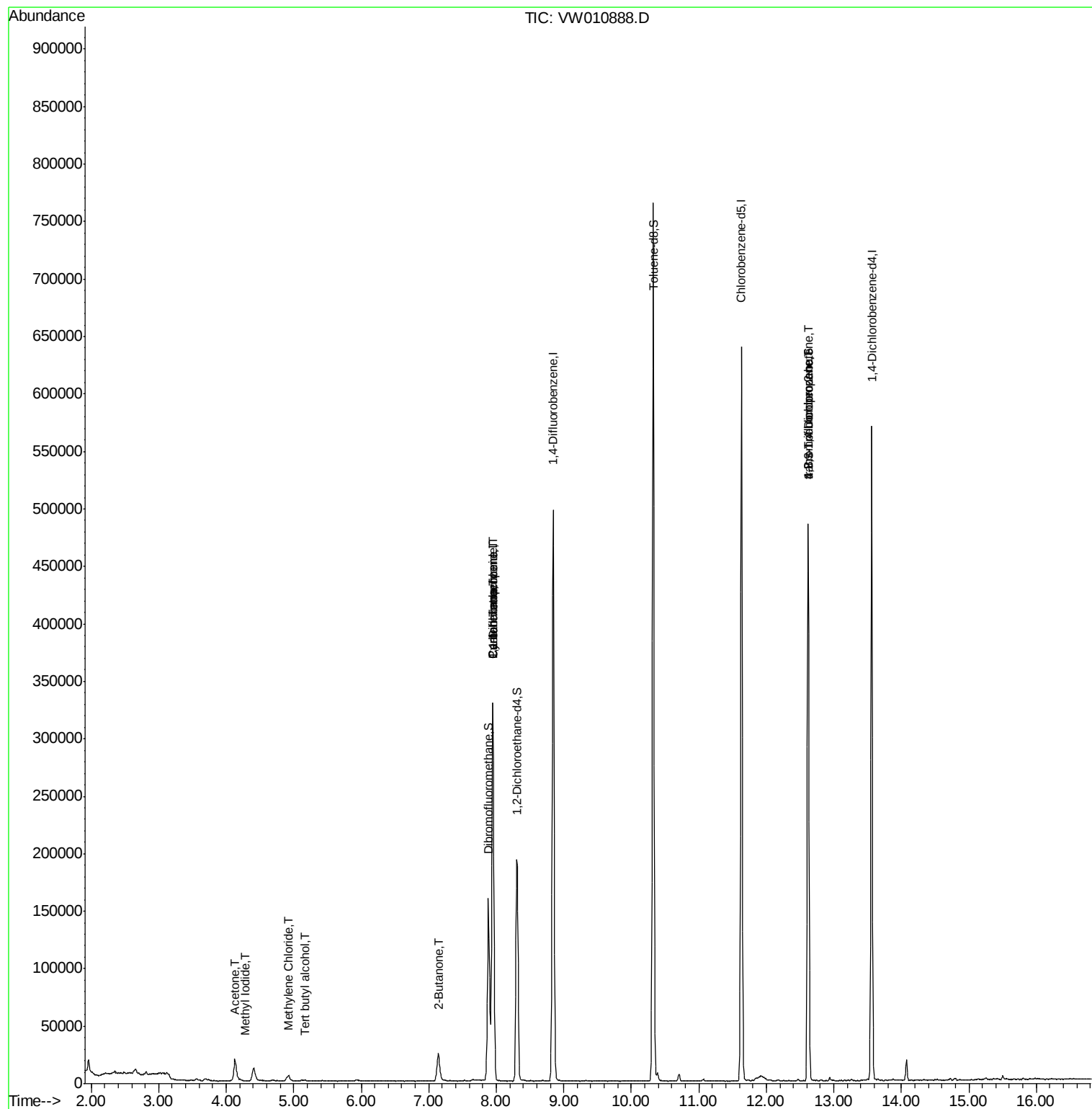
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.28	142	20	4.806	ug/l #	41
11) Tert butyl alcohol	5.18	59	549	2.421	ug/l #	81
16) Acetone	4.13	43	34145	45.775	ug/l	100
20) Methylene Chloride	4.92	84	3128	1.195	ug/l	92
25) 2-Butanone	7.15	43	1660	1.605	ug/l #	73
31) Cyclohexane	7.95	56	6419	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21481	5.417	ug/l #	50
38) Carbon Tetrachloride	7.95	117	24024	7.018	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	86466	61.094	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86466	140.413	ug/l #	5

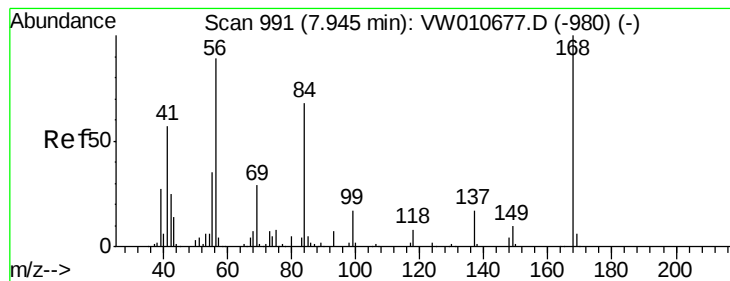
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062019\
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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# 992

Delta R.T. 0.01 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

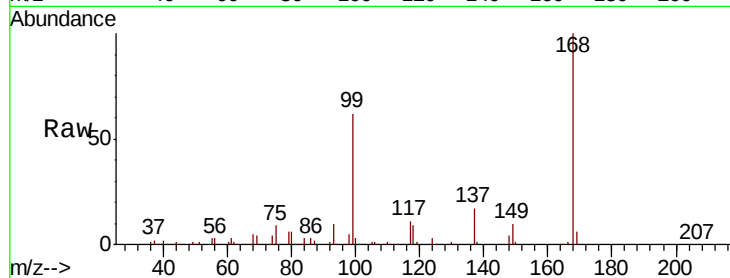
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 236188

Ion Ratio Lower Upper

168 100

99 62.0 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

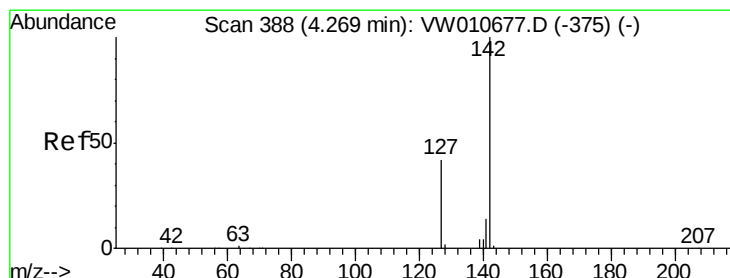
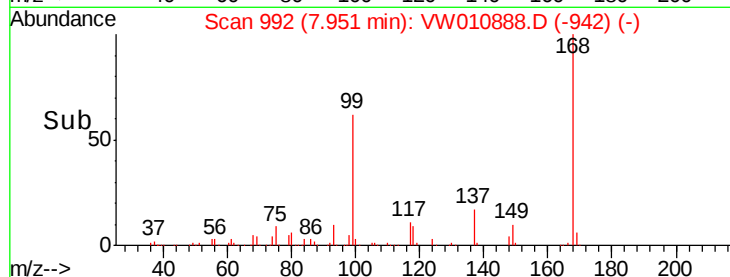
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#10

Methyl Iodide

Concen: 4.806 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

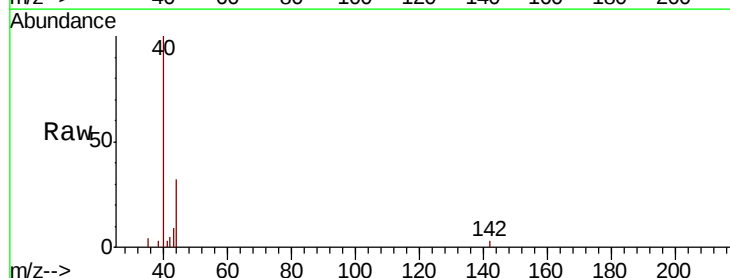
Tgt Ion:142 Resp: 20

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

4.28

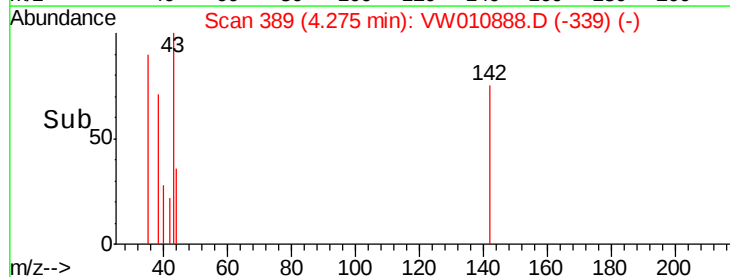
60

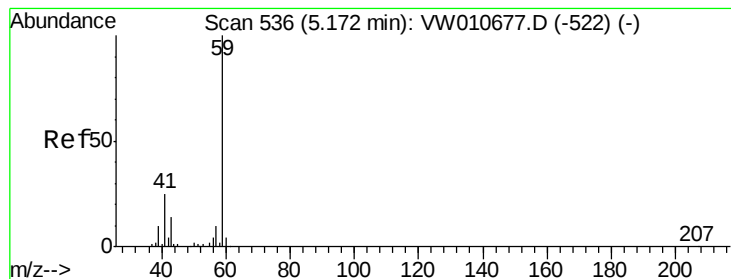
40

20

0

Time--> 4.26 4.27 4.28 4.29



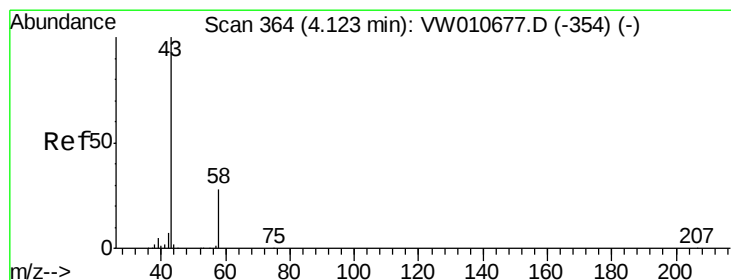
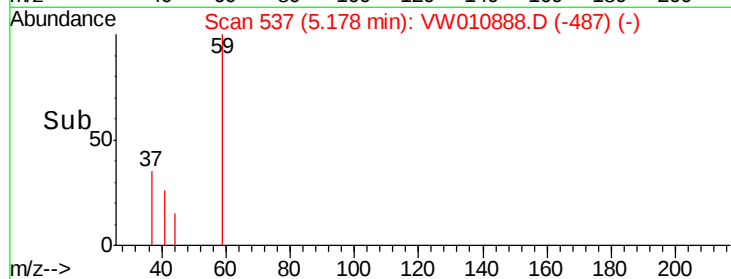
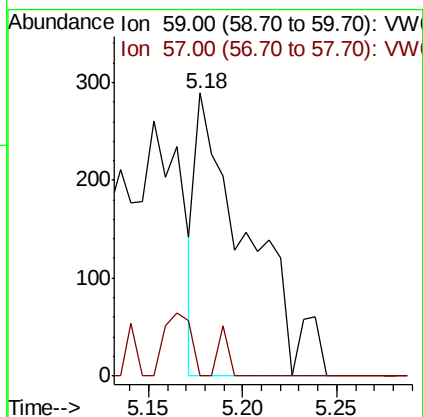
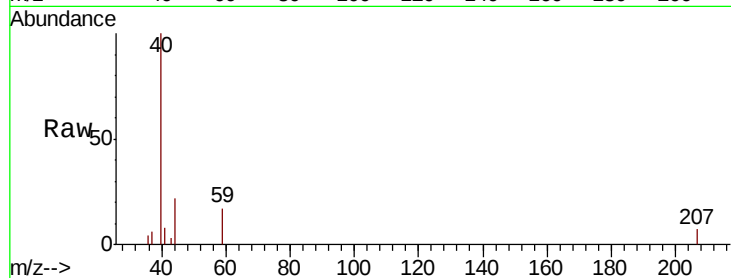


#11

Tert butyl alcohol
 Concen: 2.421 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010888.D
 Acq: 20 Jun 2019 13:21

Instrument :
 MSVOA_W
 ClientSampled :

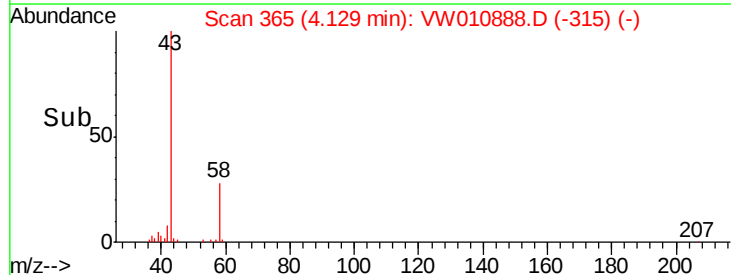
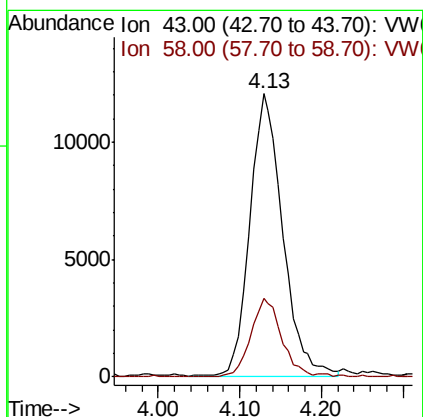
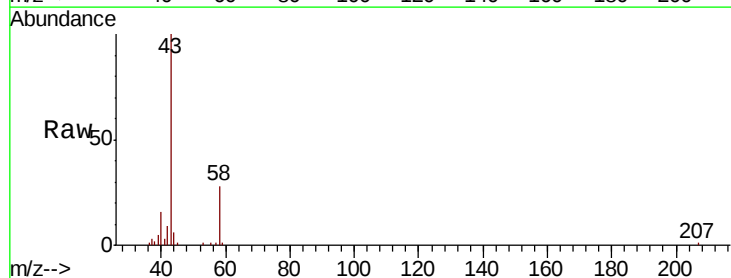
Tot Ion: 59 Resp: 549
 Ion Ratio Lower Upper
 59 100
 57 3.5 8.6 12.8#

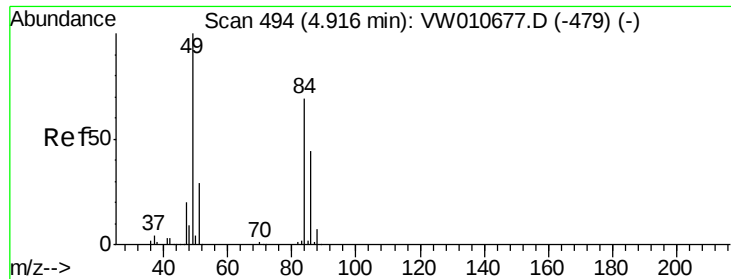


#16

Acetone
 Concen: 45.775 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW010888.D
 Acq: 20 Jun 2019 13:21

Tgt Ion: 43 Resp: 34145
 Ion Ratio Lower Upper
 43 100
 58 27.7 22.1 33.1

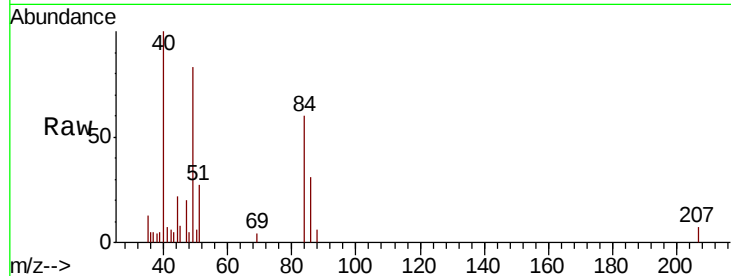




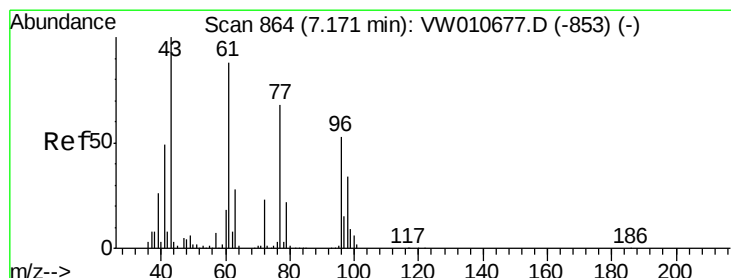
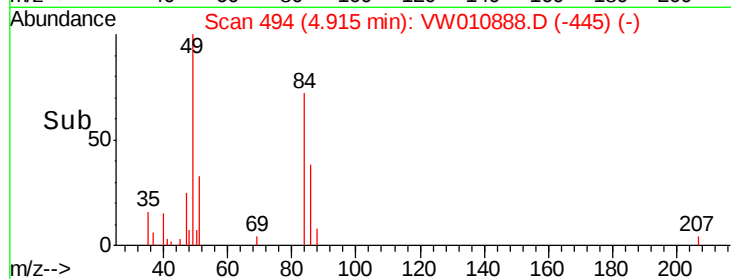
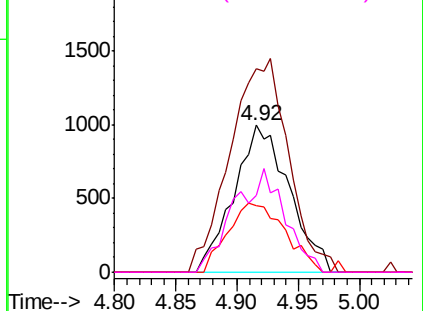
#20
Methvlene Chloride
Concen: 1.195 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010888.D
Acq: 20 Jun 2019 13:21

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 3128
Ion Ratio Lower Upper
84 100
49 138.2 116.7 175.1
51 45.7 34.2 51.2
86 52.0 51.2 76.8

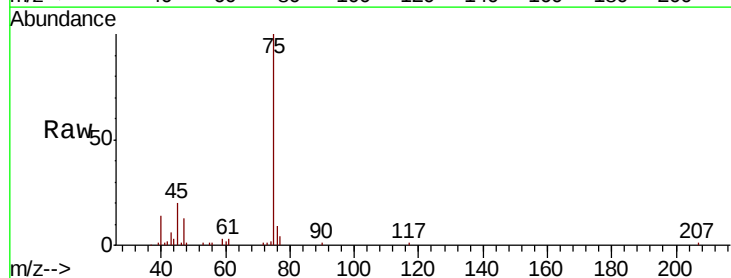


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

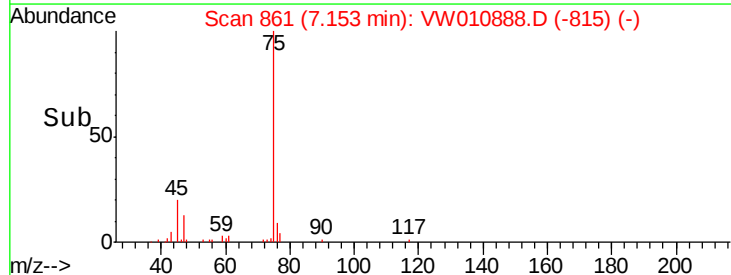
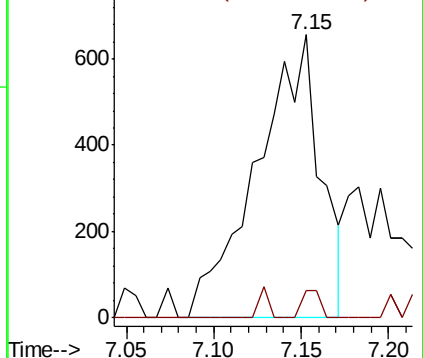


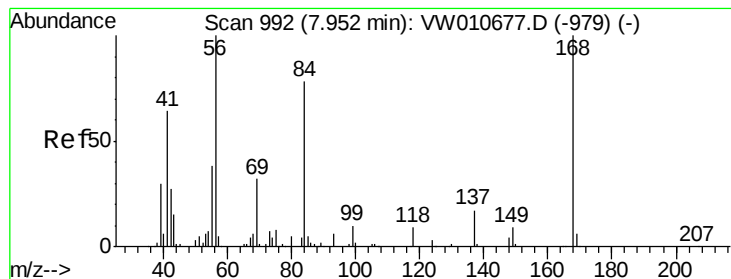
#25
2-Butanone
Concen: 1.605 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW010888.D
Acq: 20 Jun 2019 13:21

Tgt Ion: 43 Resp: 1660
Ion Ratio Lower Upper
43 100
72 9.6 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cvclohexane

Concen: 1.143 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

Instrument :
MSVOA_W
ClientSampled :

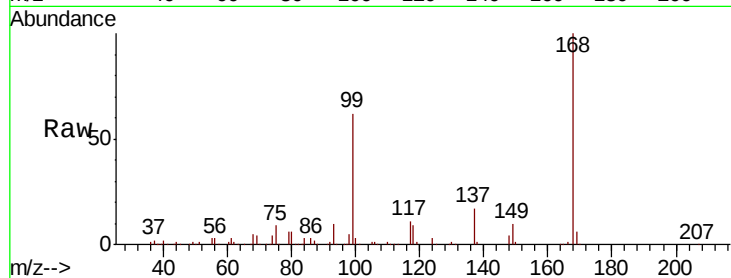
Tot Ion: 56 Resp: 6419

Ion Ratio Lower Upper

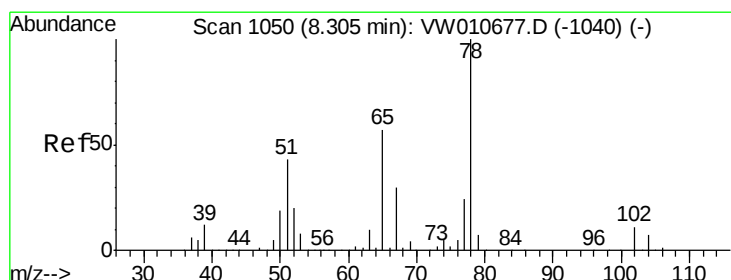
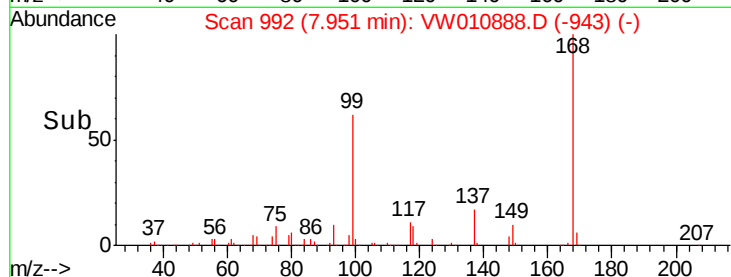
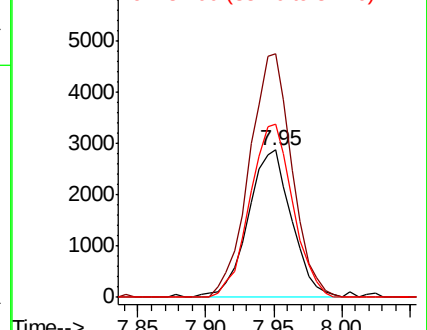
56 100

69 165.1 25.2 37.8#

84 117.3 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: 55.916 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010888.D

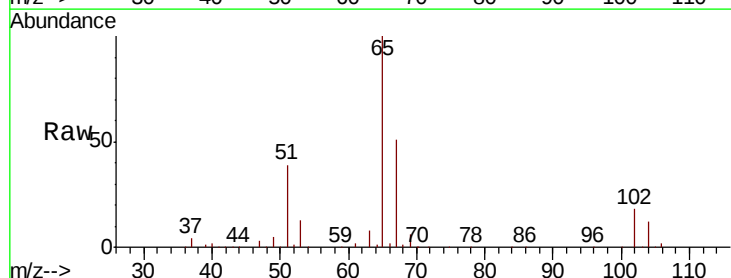
Acq: 20 Jun 2019 13:21

Tgt Ion: 65 Resp: 155663

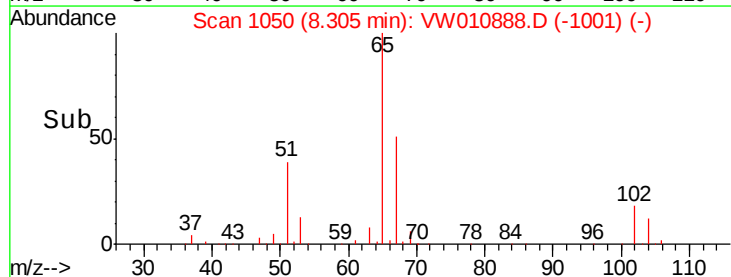
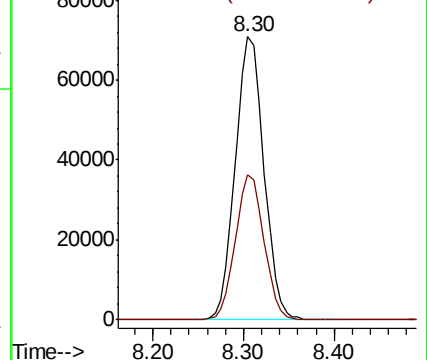
Ion Ratio Lower Upper

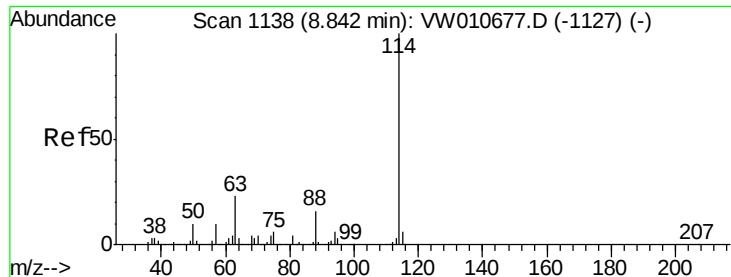
65 100

67 51.3 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: VW010888.D

Acq: 20 Jun 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

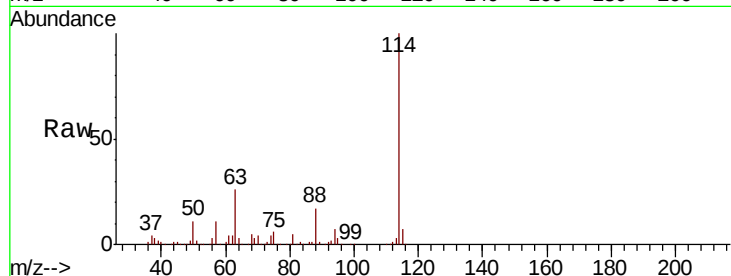
Tot Ion:114 Resp: 387379

Ion Ratio Lower Upper

114 100

63 25.9 0.0 46.4

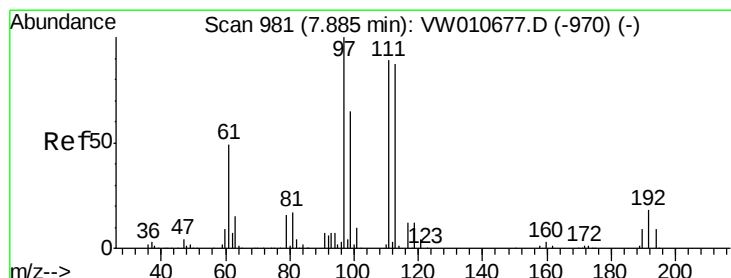
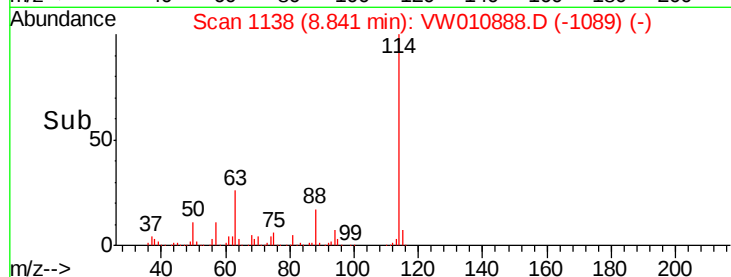
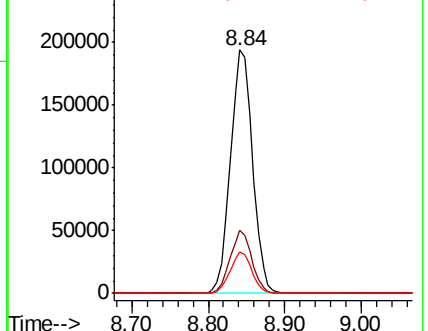
88 16.9 0.0 32.2



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: 52.116 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

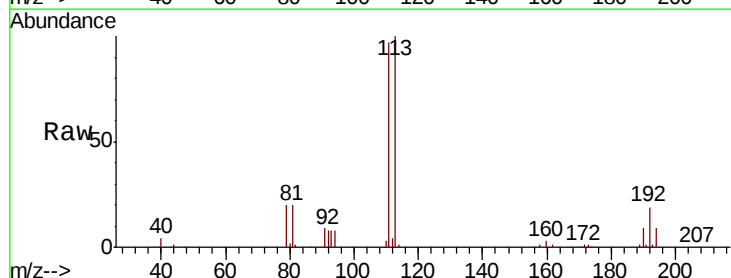
Tgt Ion:113 Resp: 109579

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

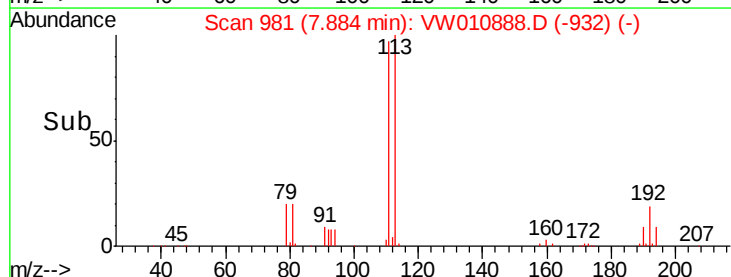
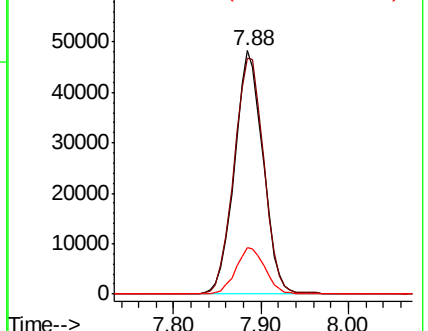
192 19.5 16.4 24.6

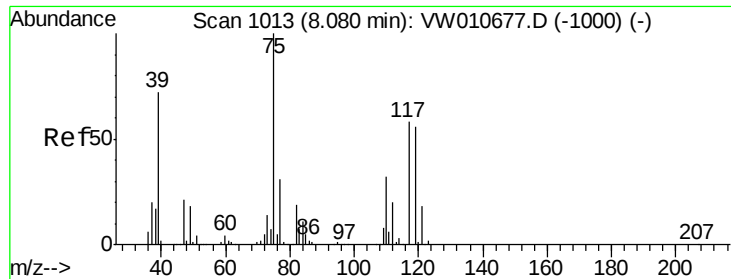


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

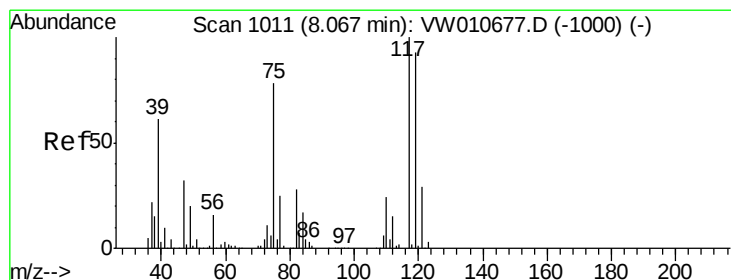
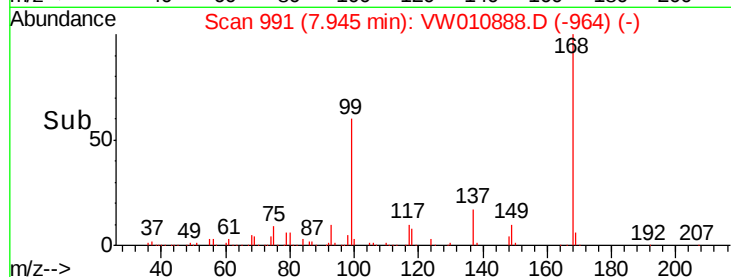
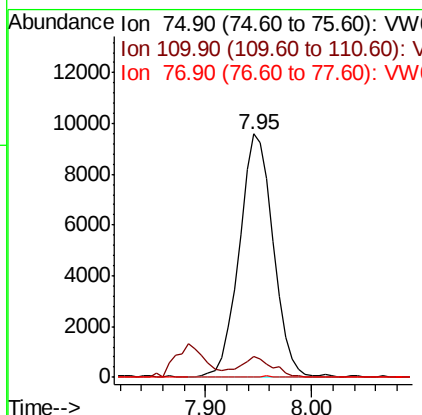
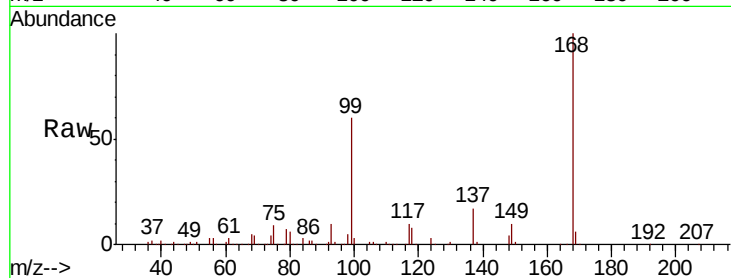




#36
 1,1-Dichloropropene
 Concen: 5.417 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010888.D
 Acq: 20 Jun 2019 13:21

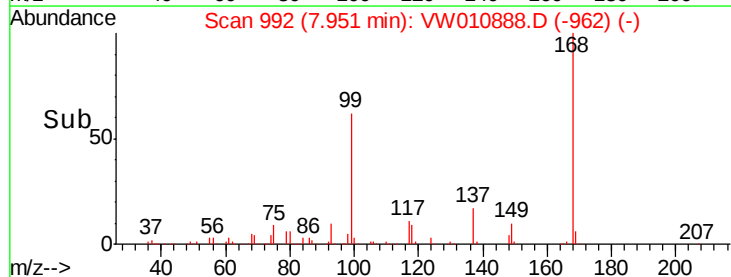
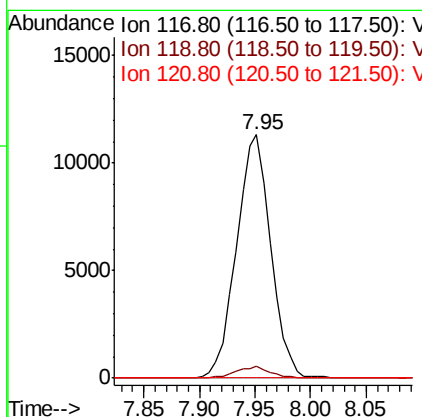
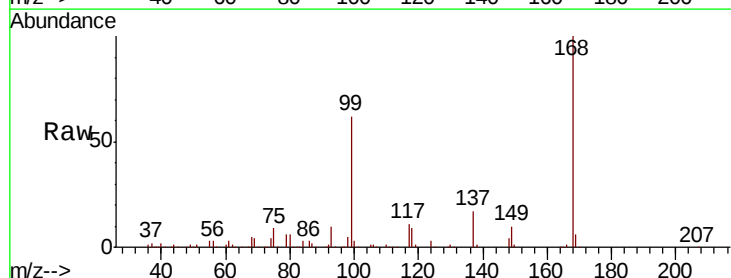
Instrument :
 MSVOA_W
 ClientSampled :

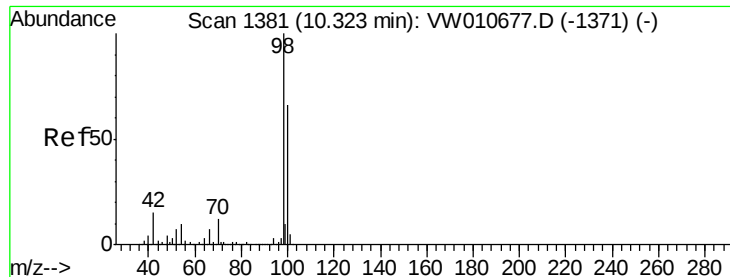
Tot Ion: 75 Resp: 21481
 Ion Ratio Lower Upper
 75 100
 110 7.3 15.8 47.3#
 77 0.1 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 7.018 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW010888.D
 Acq: 20 Jun 2019 13:21

Tgt Ion: 117 Resp: 24024
 Ion Ratio Lower Upper
 117 100
 119 4.8 74.2 111.4#
 121 0.0 22.9 34.3#

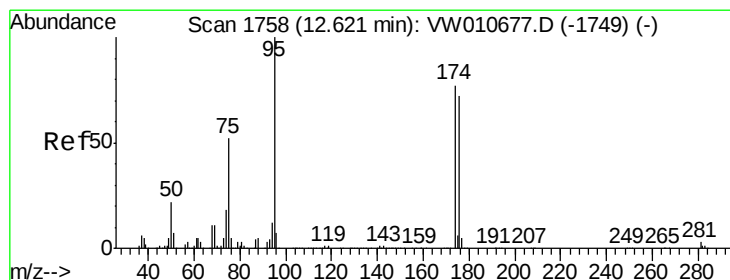
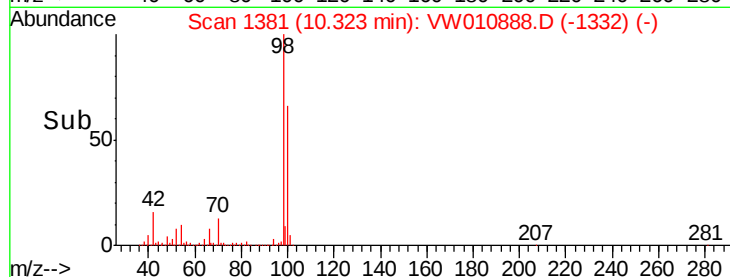
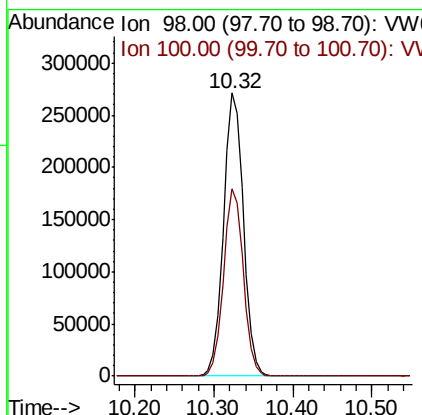
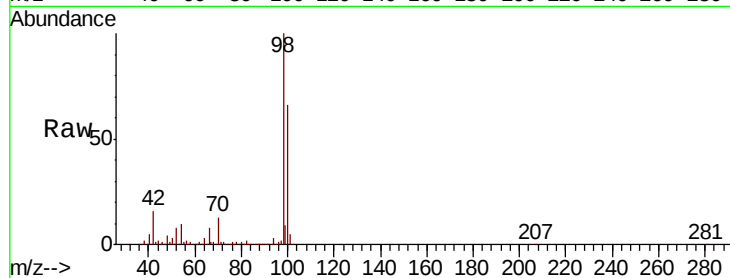




#50
Toluene-d8
Concen: 51.574 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010888.D
Acq: 20 Jun 2019 13:21

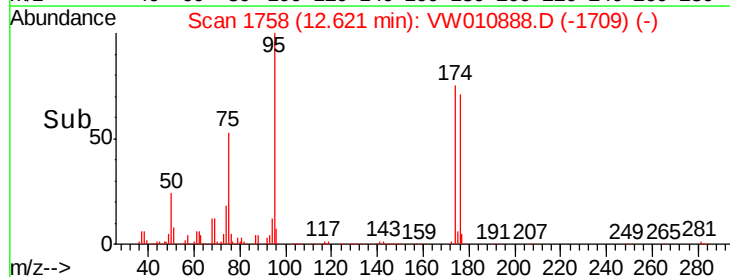
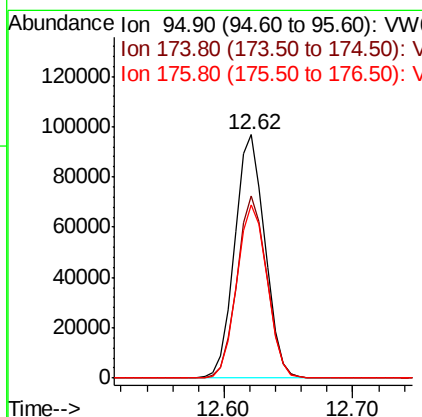
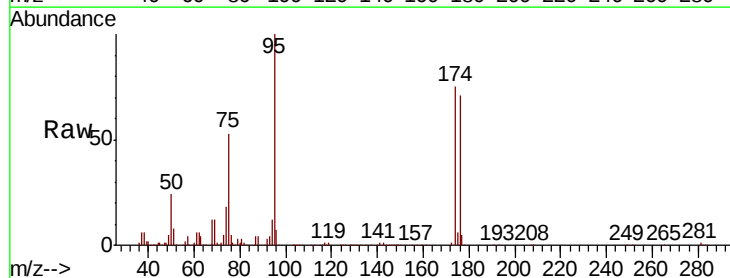
Instrument :
MSVOA_W
ClientSampled :

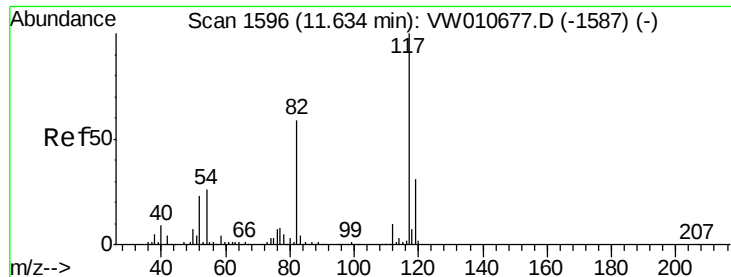
Tot Ion: 98 Resp: 475522
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 46.875 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010888.D
Acq: 20 Jun 2019 13:21

Tgt Ion: 95 Resp: 157271
Ion Ratio Lower Upper
95 100
174 73.9 0.0 150.4
176 71.5 0.0 144.8

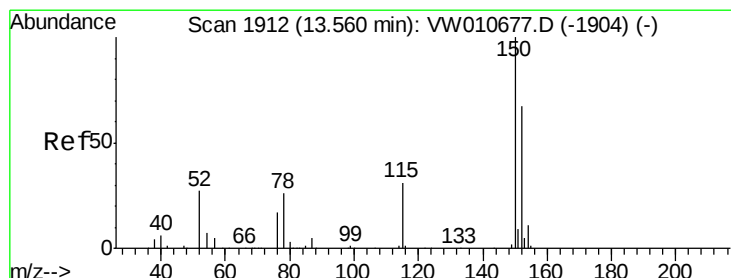
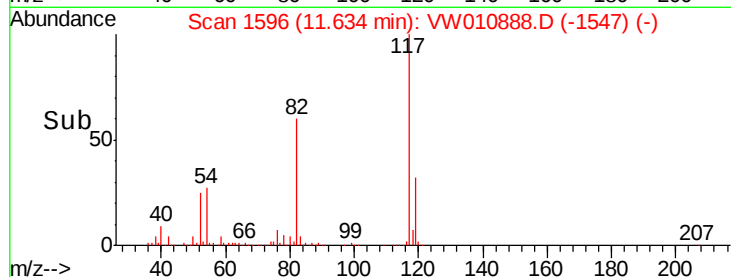
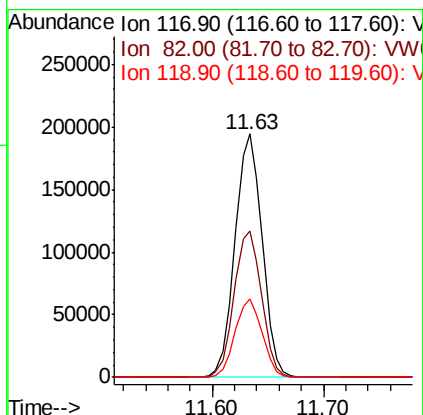
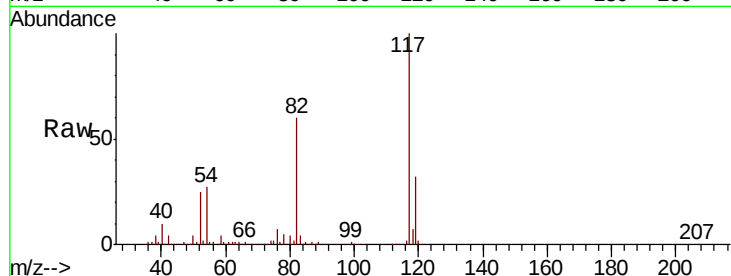




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010888.D
Acq: 20 Jun 2019 13:21

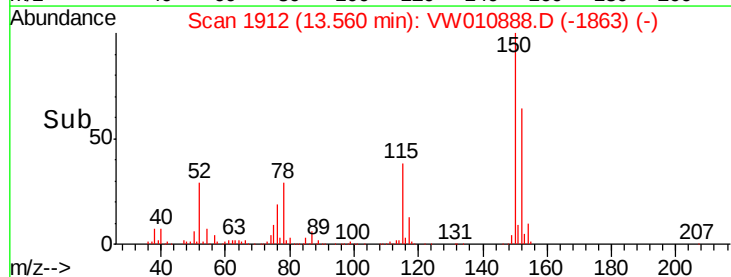
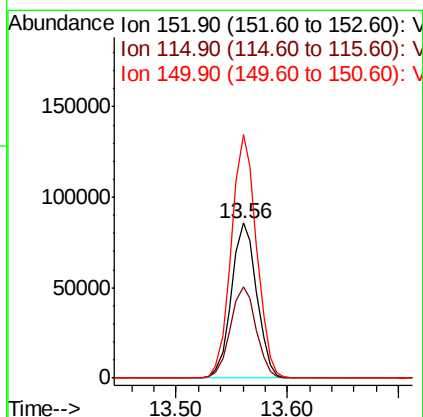
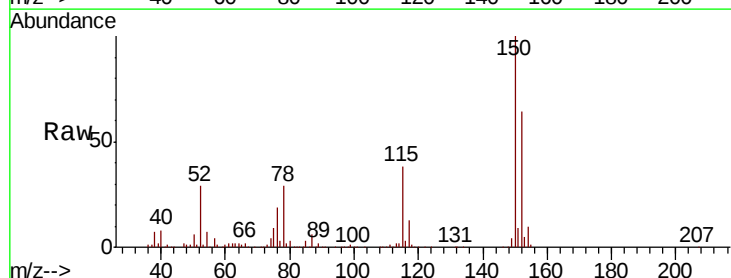
Instrument :
MSVOA_W
ClientSampled :

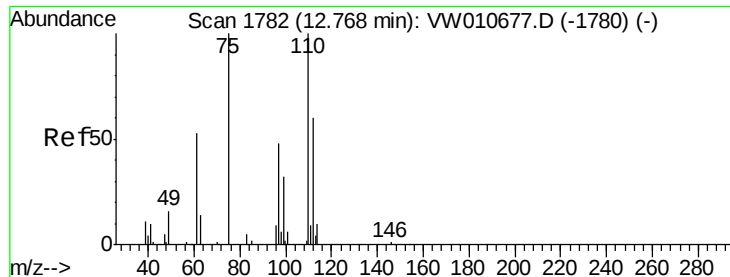
Tot Ion:117 Resp: 327171
Ion Ratio Lower Upper
117 100
82 60.0 47.0 70.4
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010888.D
Acq: 20 Jun 2019 13:21

Tgt Ion:152 Resp: 134773
Ion Ratio Lower Upper
152 100
115 59.8 29.8 89.3
150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 61.094 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

Instrument :

MSVOA_W

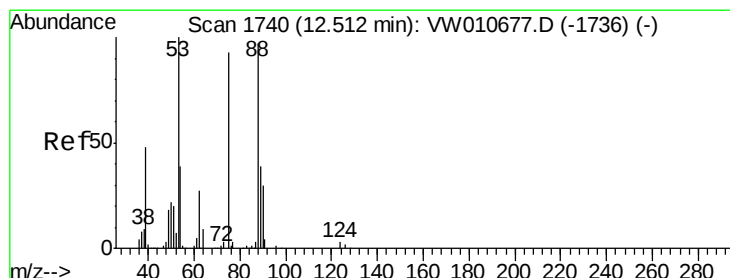
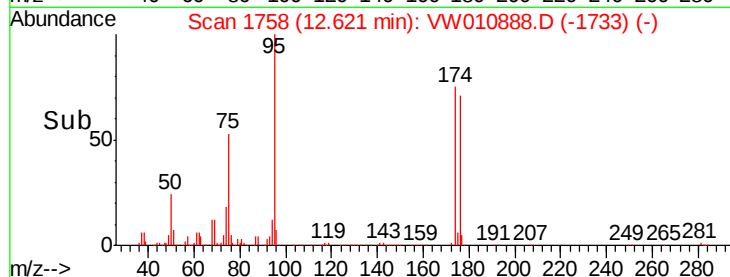
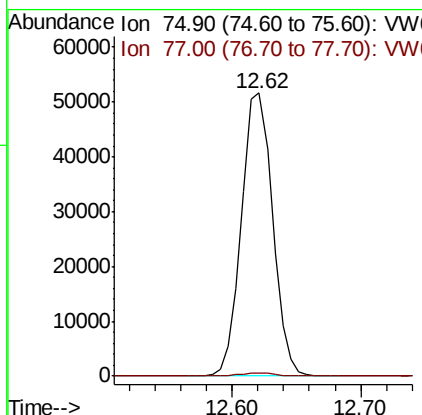
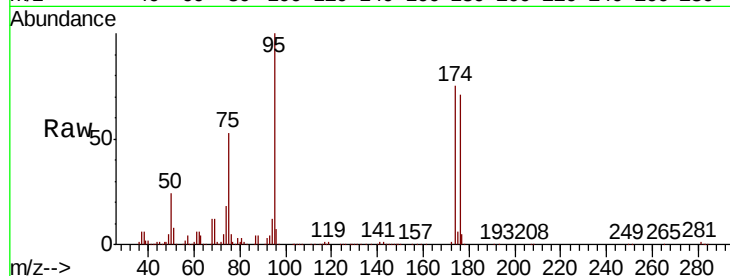
ClientSampleId :

Tot Ion: 75 Resp: 86466

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 140.413 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

Tgt Ion: 75 Resp: 86466

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

