

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010386.D
 Acq On : 11 May 2019 17:34
 Operator : SY/VA
 Sample : K2719-15
 Misc : 3.32G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 12 00:27:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	597378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	946807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	461374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68275	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	675507	106.36	ug/l	0.00
Spiked Amount			Recovery	=	212.72%	
35) Dibromofluoromethane	7.88	113	544222	98.22	ug/l	0.00
Spiked Amount			Recovery	=	196.44%	
50) Toluene-d8	10.32	98	769074	34.09	ug/l	0.00
Spiked Amount			Recovery	=	68.18%	
62) 4-Bromofluorobenzene	12.62	95	127268	16.03	ug/l	0.00
Spiked Amount			Recovery	=	32.06%	

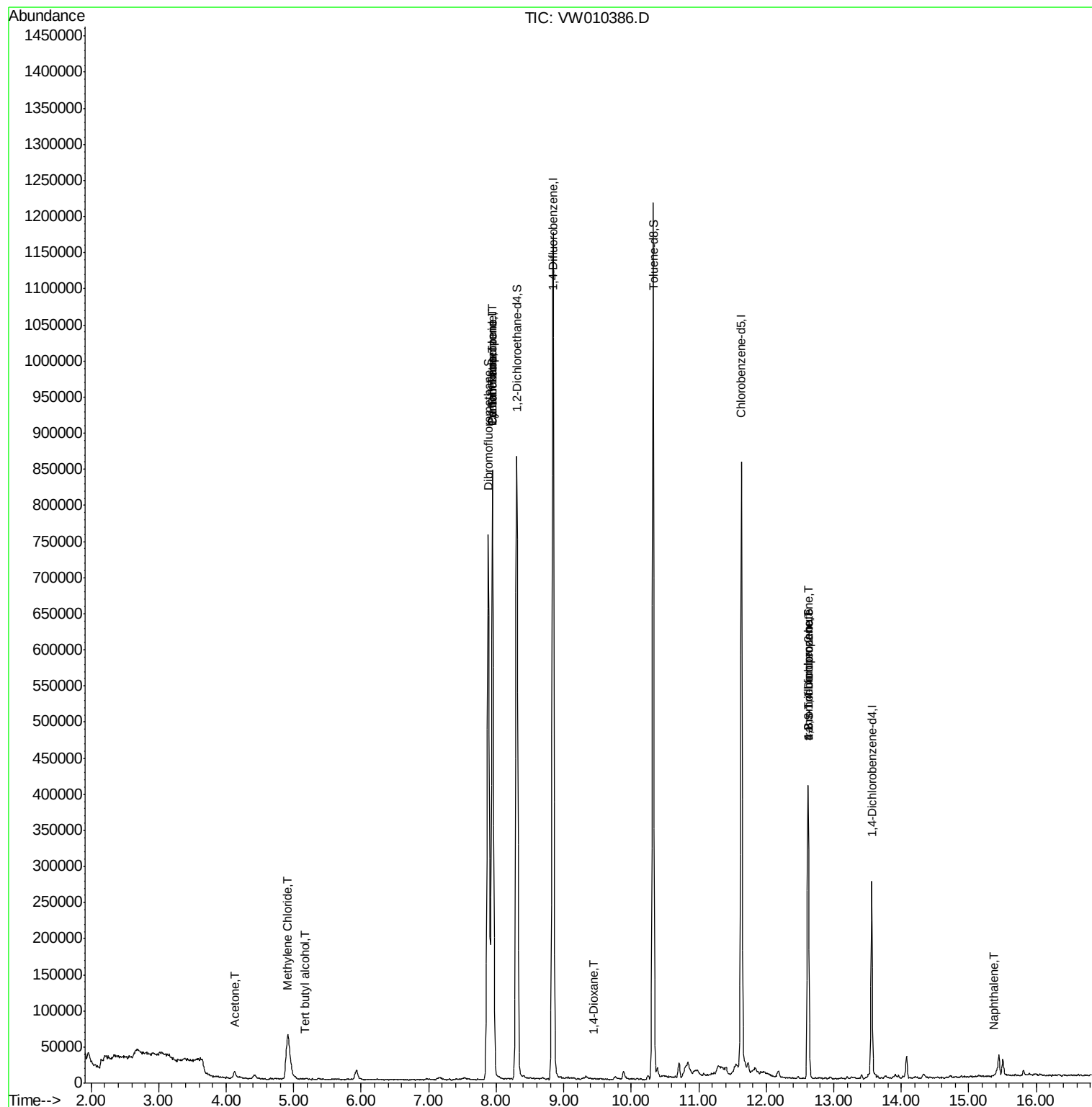
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	967	2.156	ug/l #	77
16) Acetone	4.13	43	18431	11.132	ug/l	95
20) Methylene Chloride	4.91	84	61528	8.910	ug/l	93
31) Cyclohexane	7.95	56	15599	1.199	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	51889	5.054	ug/l #	50
38) Carbon Tetrachloride	7.95	117	60371	6.860	ug/l #	18
49) 1,4-Dioxane	9.45	88	65	1.032	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	64920	81.555	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64920	184.176	ug/l #	6
95) Naphthalene	15.37	128	1961	4.182	ug/l #	85

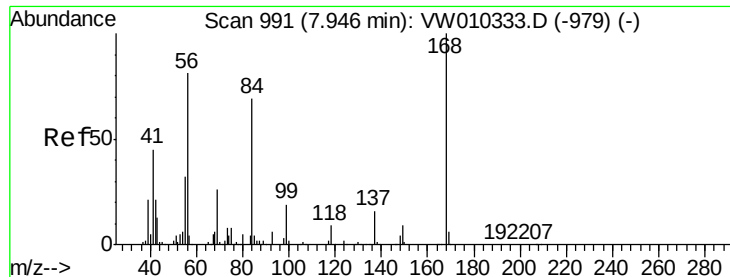
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 10 03:41:21 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: VW010386.D

Acq: 11 May 2019 17:34

Instrument :

MSVOA_W

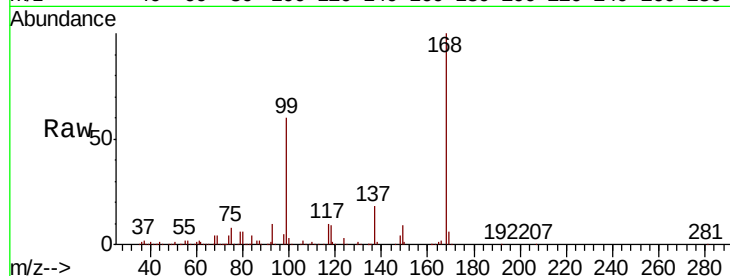
ClientSampled :

Tot Ion:168 Resp: 597378

Ion Ratio Lower Upper

168 100

99 59.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

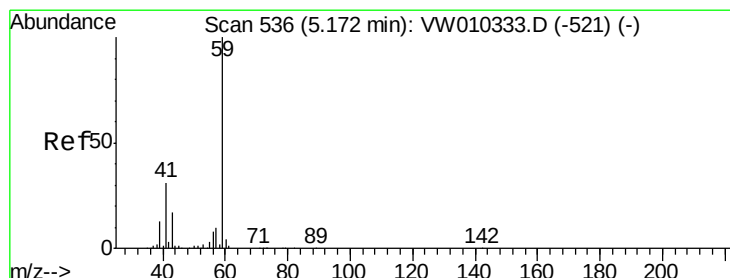
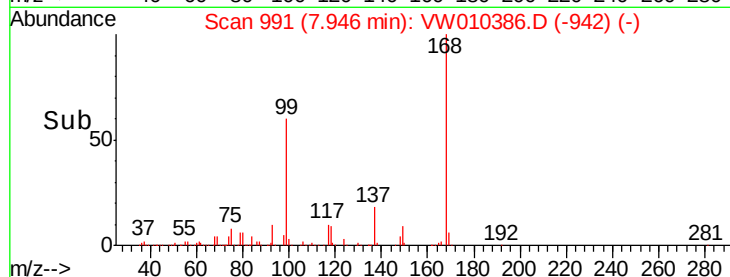
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.156 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW010386.D

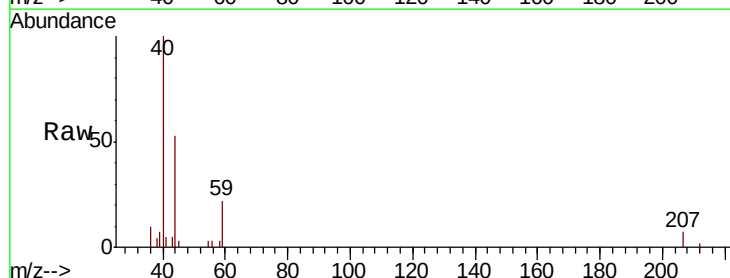
Acq: 11 May 2019 17:34

Tgt Ion: 59 Resp: 967

Ion Ratio Lower Upper

59 100

57 2.6 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

600

500

400

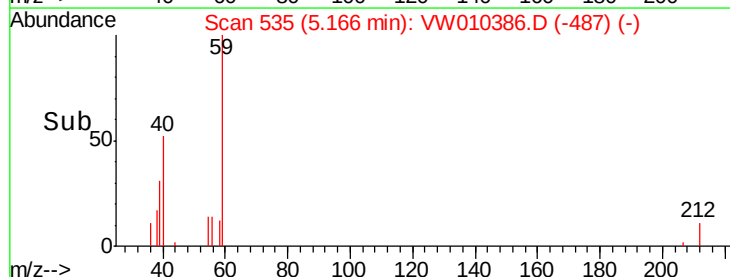
300

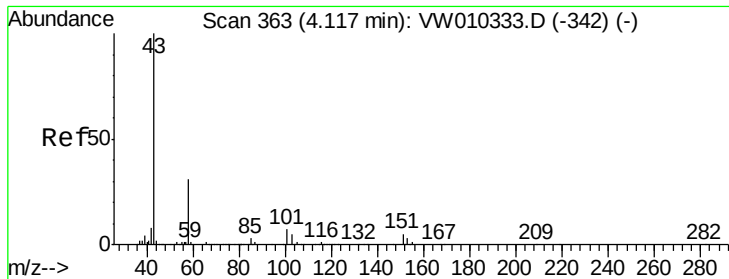
200

100

0

Time-->

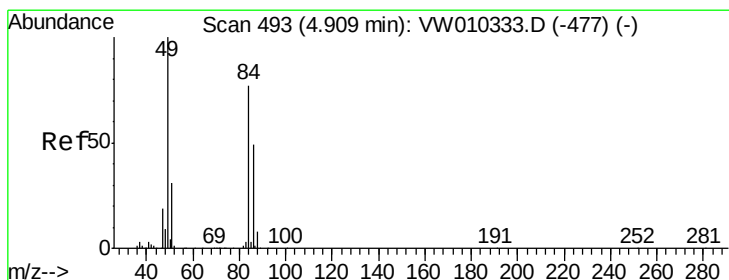
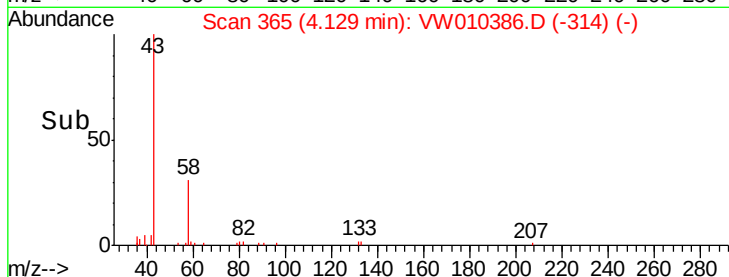
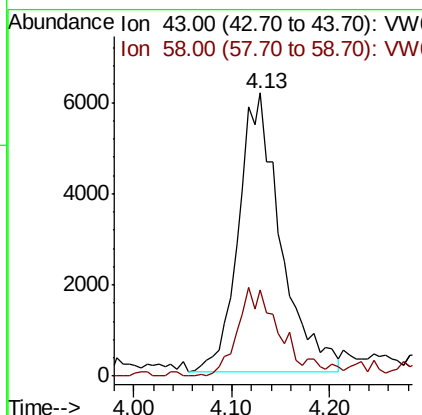
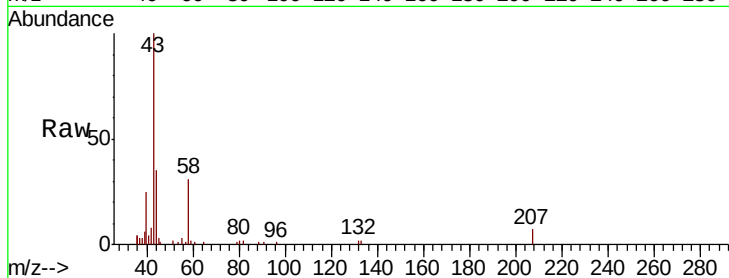




#16
Acetone
Concen: 11.132 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010386.D
Acq: 11 May 2019 17:34

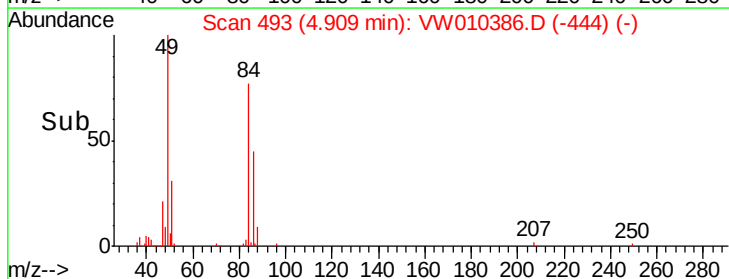
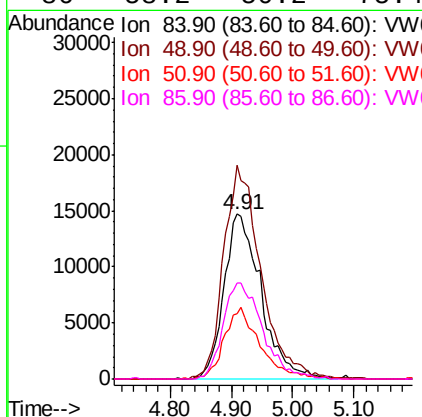
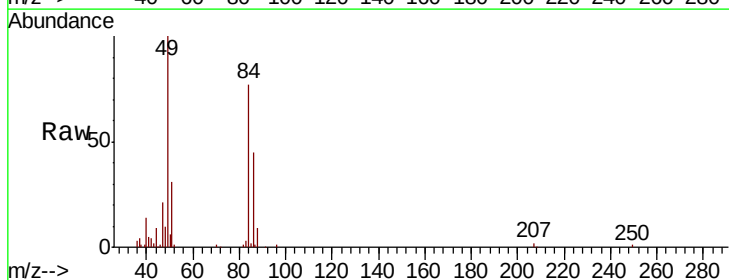
Instrument :
MSVOA_W
ClientSampleId :

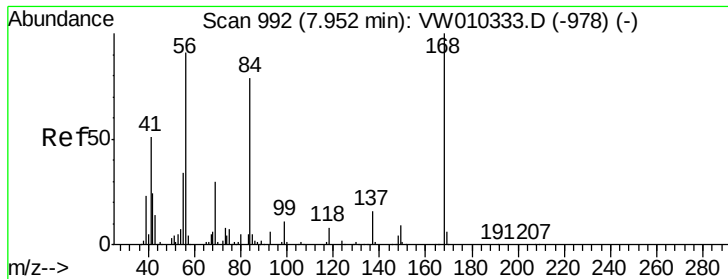
Tot Ion: 43 Resp: 18431
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1



#20
Methylene Chloride
Concen: 8.910 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010386.D
Acq: 11 May 2019 17:34

Tgt Ion: 84 Resp: 61528
Ion Ratio Lower Upper
84 100
49 129.6 112.3 168.5
51 39.8 33.9 50.9
86 58.2 50.2 75.4

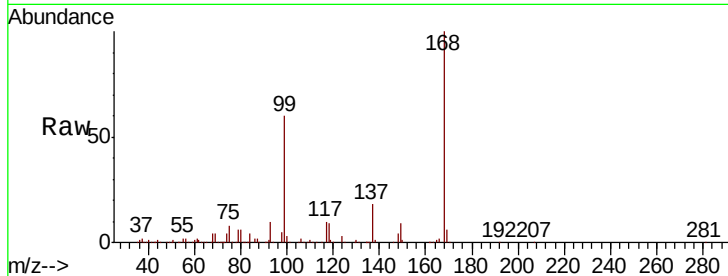




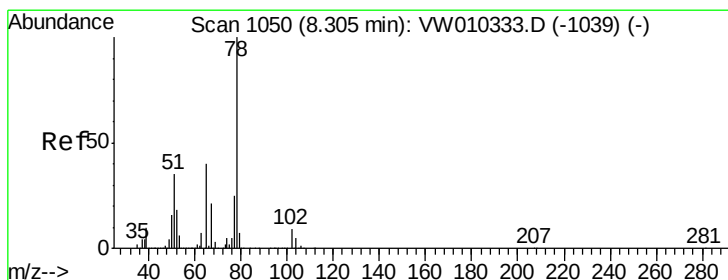
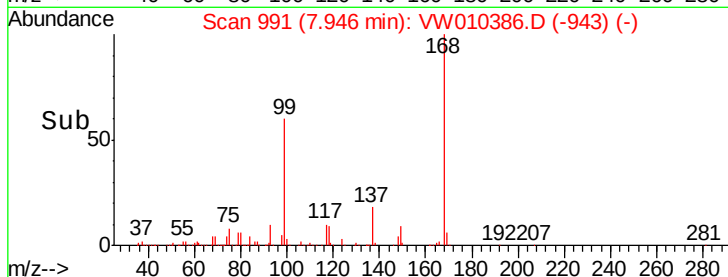
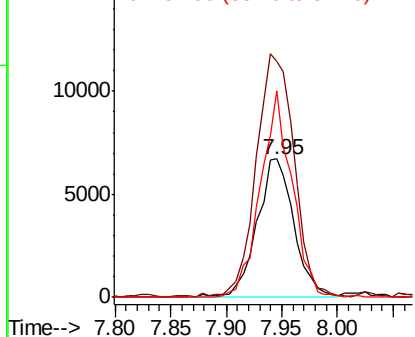
#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010386.D
Acq: 11 May 2019 17:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 15599
Ion Ratio Lower Upper
56 100
69 169.6 26.6 40.0#
84 149.3 66.2 99.2#

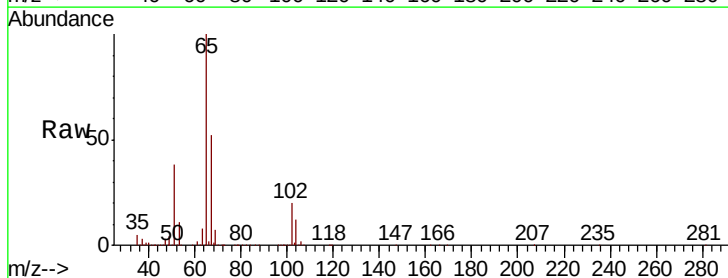


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

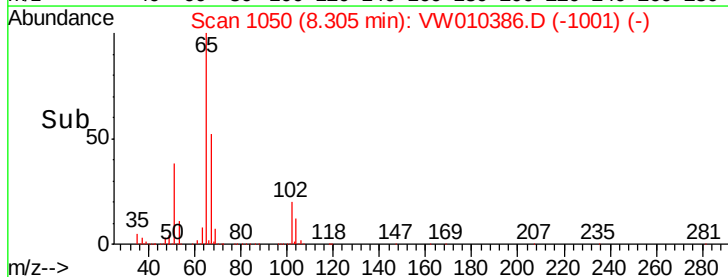
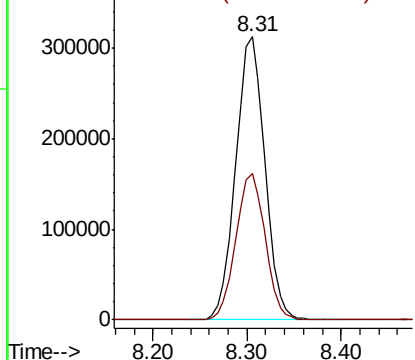


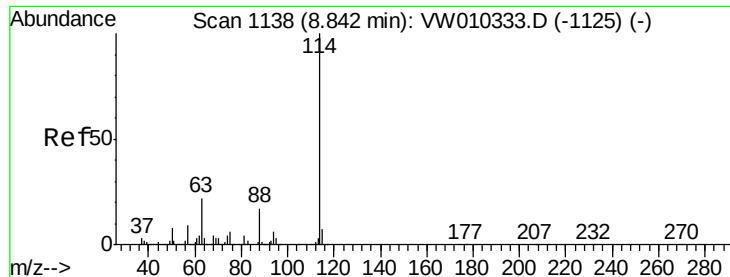
#33
1,2-Dichloroethane-d4
Concen: 106.363 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010386.D
Acq: 11 May 2019 17:34

Tgt Ion: 65 Resp: 675507
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8



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

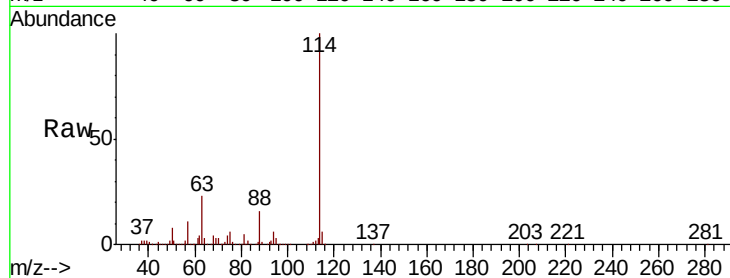




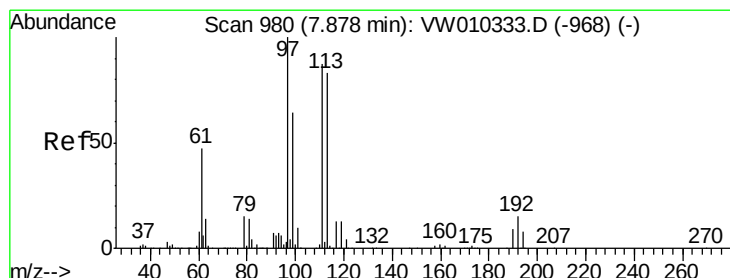
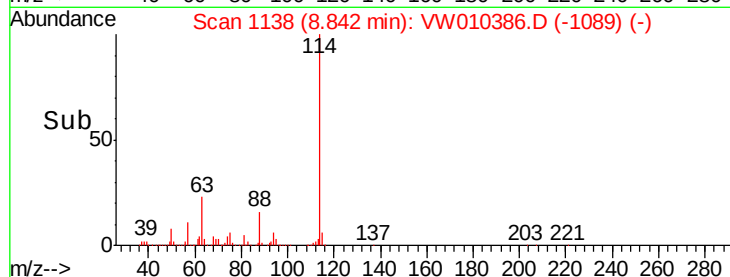
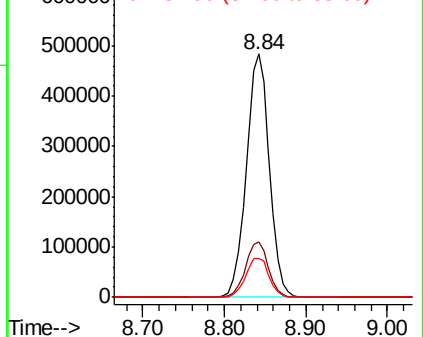
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010386.D
 Acq: 11 May 2019 17:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.2
88	16.2	0.0	32.6

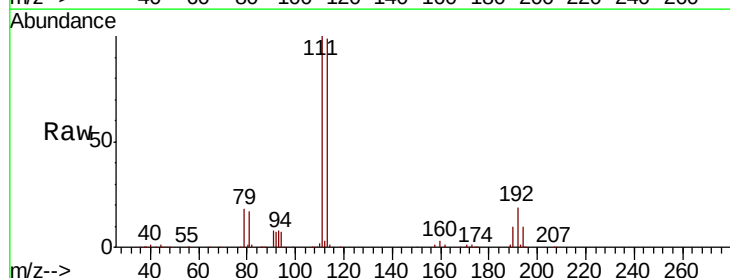


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

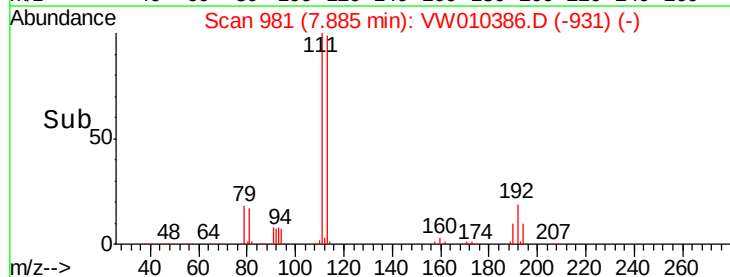
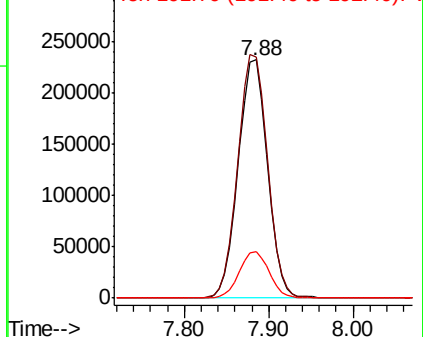


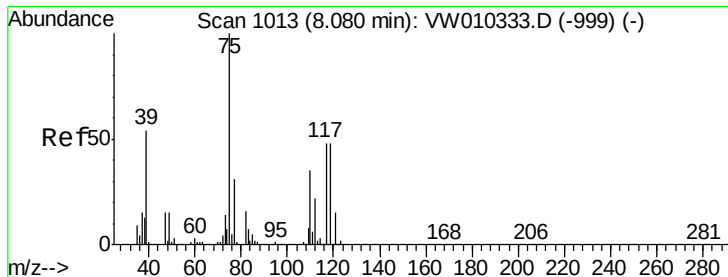
#35
 Dibromofluoromethane
 Concen: 98.224 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW010386.D
 Acq: 11 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	19.7	15.4	23.2



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

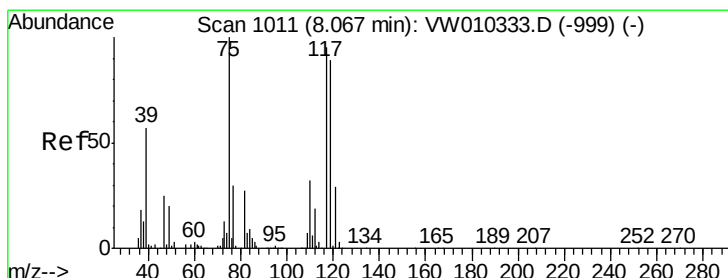
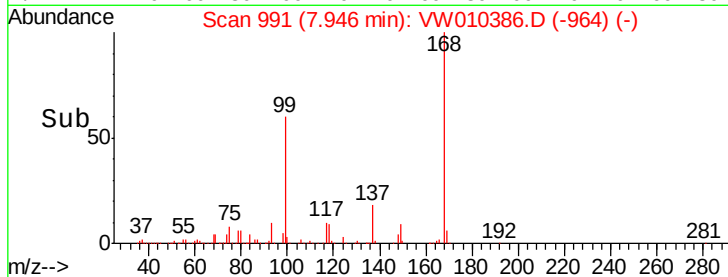
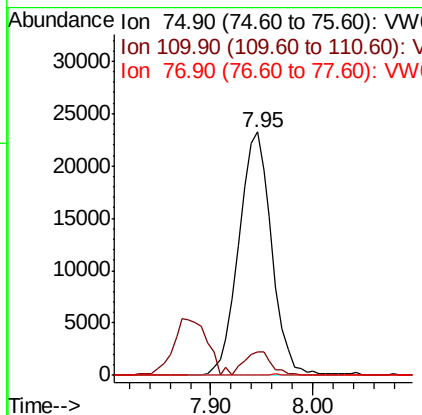
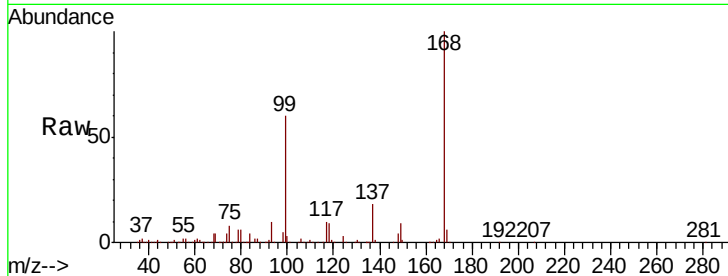




#36
 1,1-Dichloropropene
 Concen: 5.054 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010386.D
 Acq: 11 May 2019 17:34

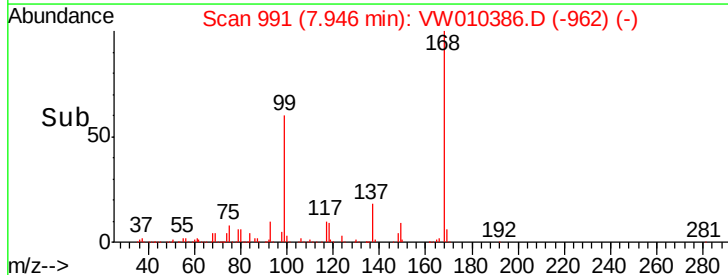
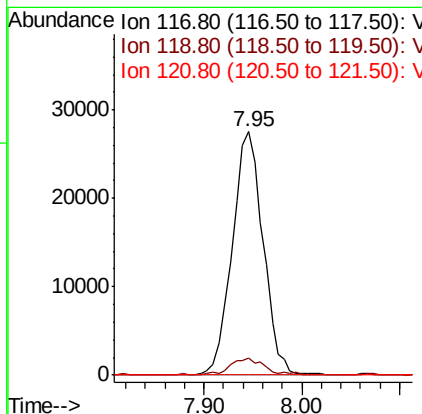
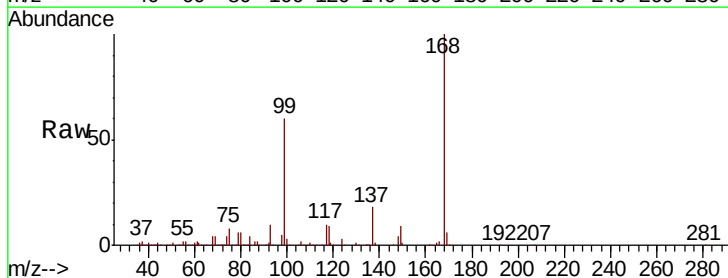
Instrument :
 MSVOA_W
 ClientSampleId :

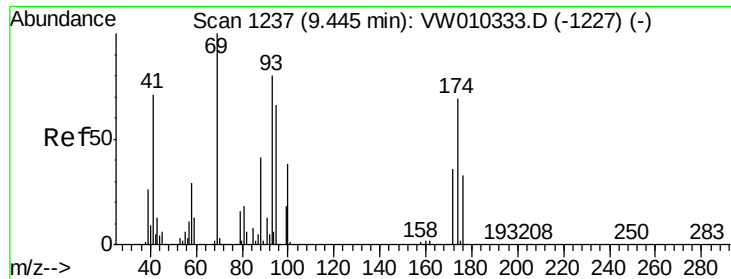
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.6	49.8#
77	0.2	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.860 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010386.D
 Acq: 11 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.3	112.9#
121	0.0	24.4	36.6#





#49

1,4-Dioxane

Concen: 1.032 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW010386.D

Acq: 11 May 2019 17:34

Instrument :
MSVOA_W
ClientSampled :

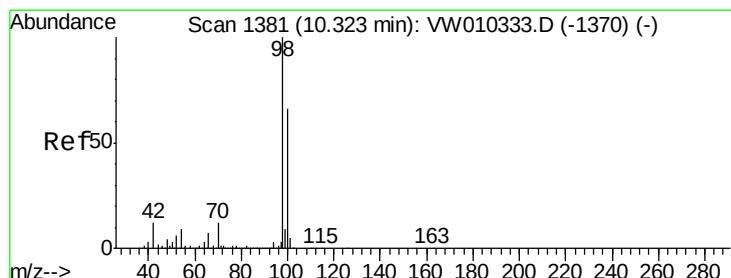
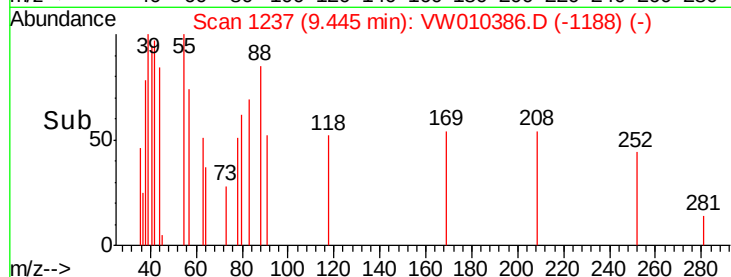
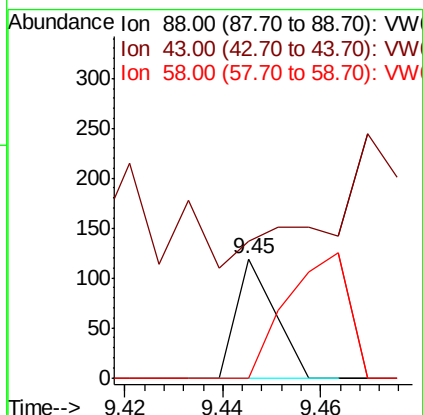
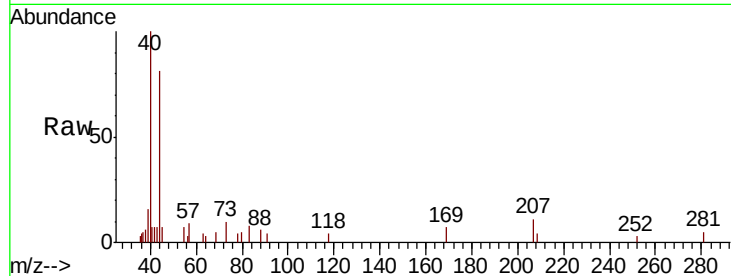
Tot Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 0.0 31.9 47.9#

58 0.0 61.8 92.6#



#50

Toluene-d8

Concen: 34.088 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010386.D

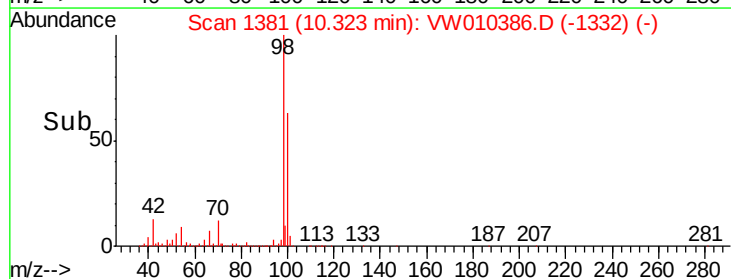
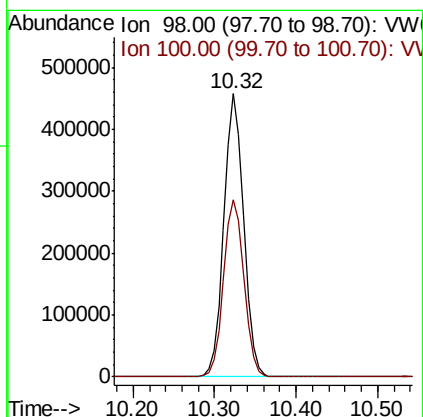
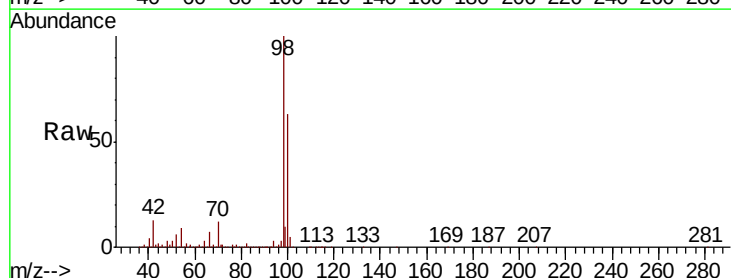
Acq: 11 May 2019 17:34

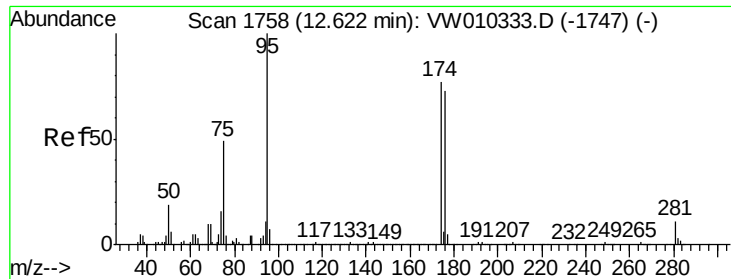
Tgt Ion: 98 Resp: 769074

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5

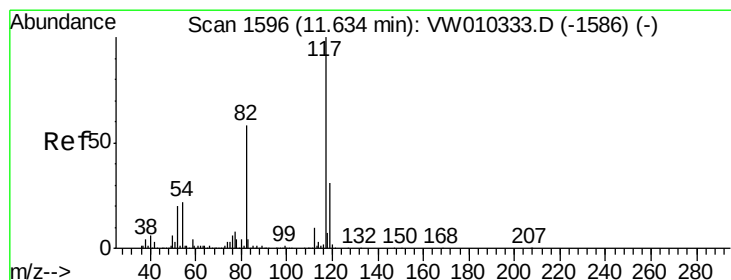
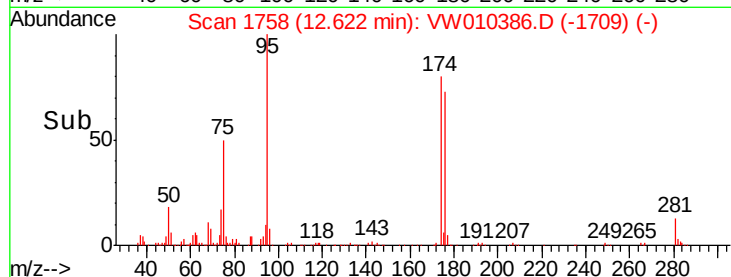
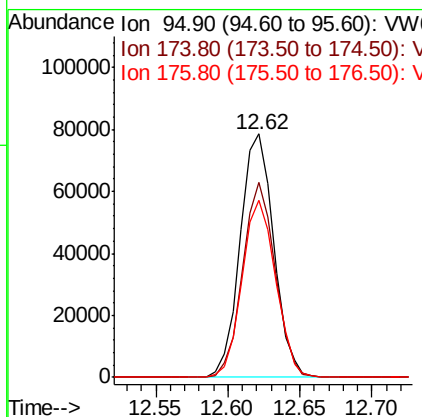
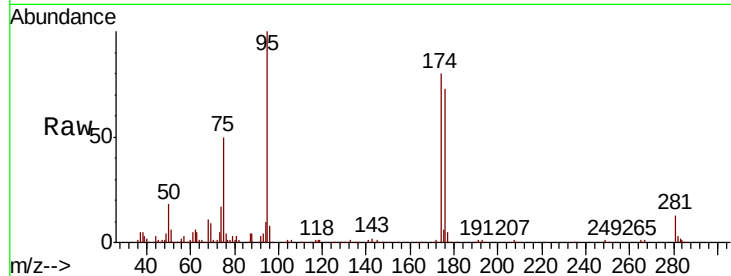




#62
4-Bromofluorobenzene
Concen: 16.025 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010386.D
Acq: 11 May 2019 17:34

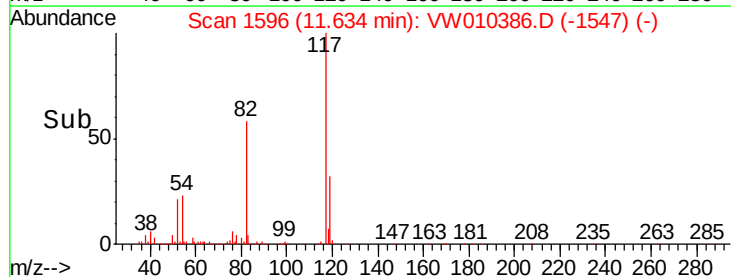
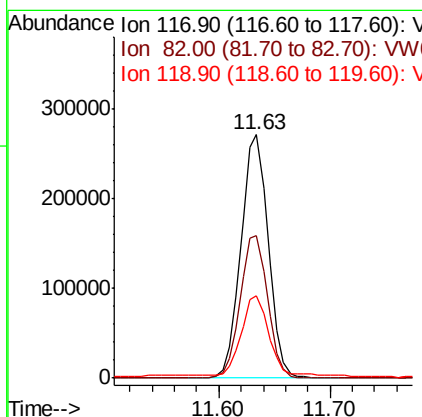
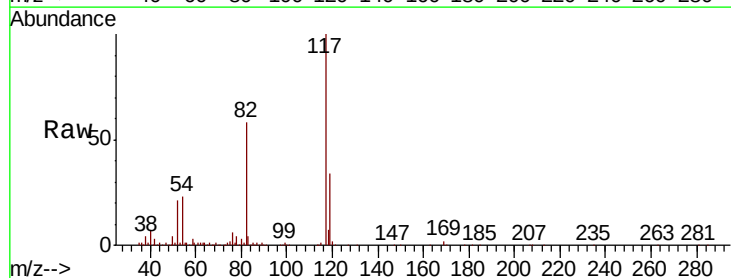
Instrument :
MSVOA_W
ClientSampled :

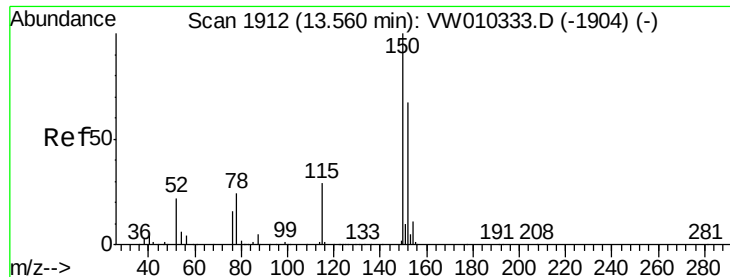
Tot Ion: 95 Resp: 127268
Ion Ratio Lower Upper
95 100
174 77.5 0.0 151.4
176 72.8 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010386.D
Acq: 11 May 2019 17:34

Tgt Ion: 117 Resp: 461374
Ion Ratio Lower Upper
117 100
82 58.4 45.2 67.8
119 32.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010386.D

Acq: 11 May 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

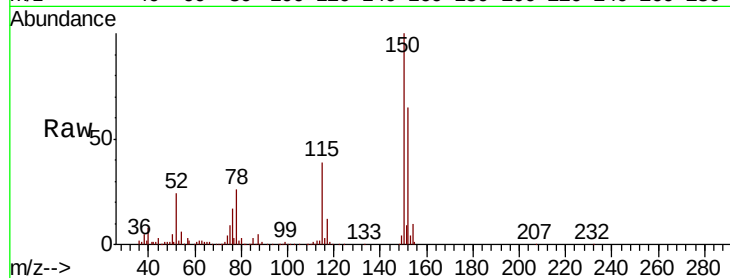
Tot Ion:152 Resp: 68275

Ion Ratio Lower Upper

152 100

115 58.9 30.4 91.2

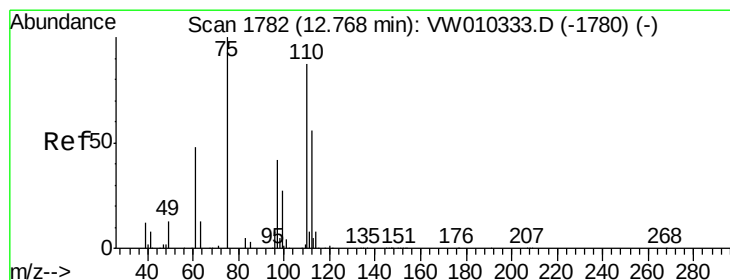
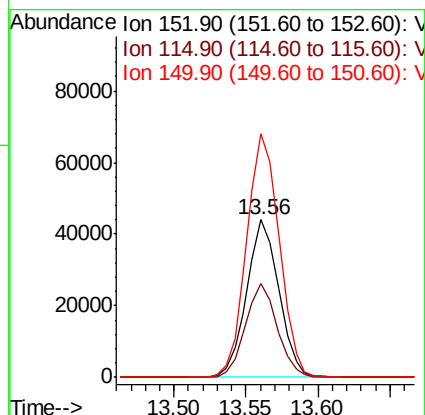
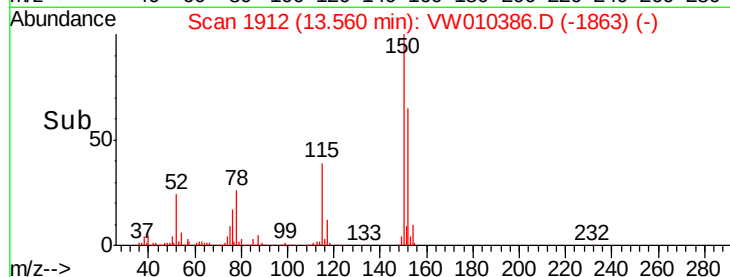
150 156.5 0.0 347.0



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: 81.555 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010386.D

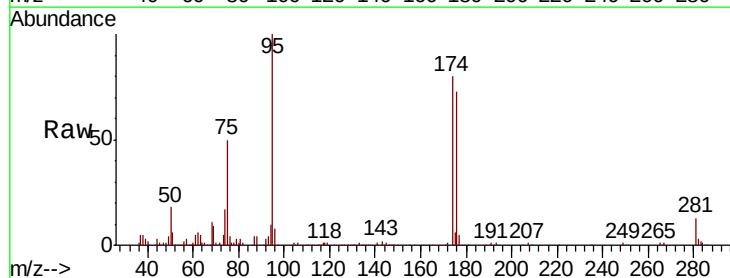
Acq: 11 May 2019 17:34

Tgt Ion: 75 Resp: 64920

Ion Ratio Lower Upper

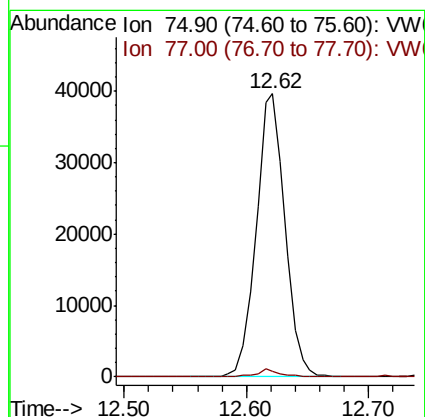
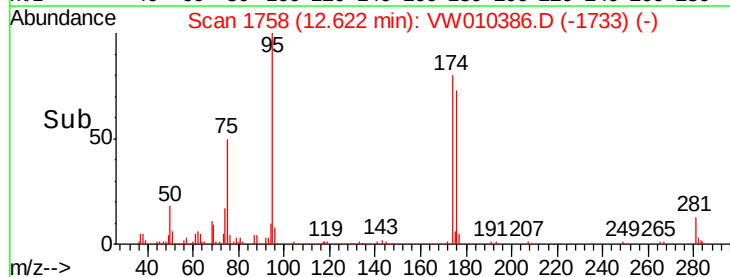
75 100

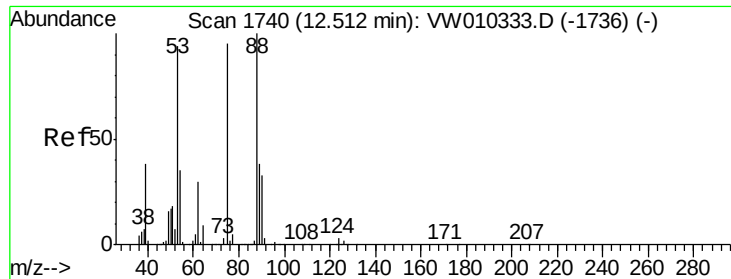
77 2.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

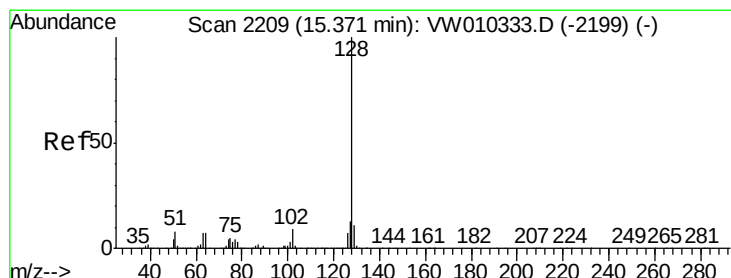
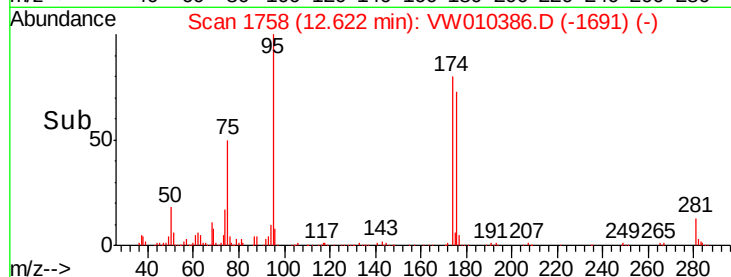
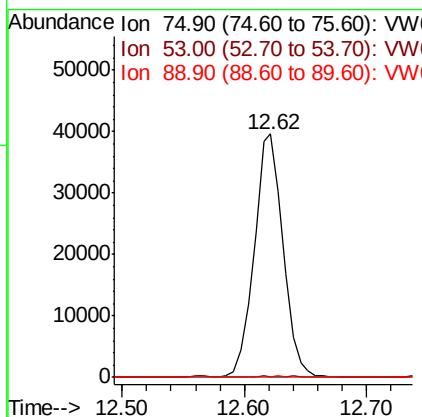
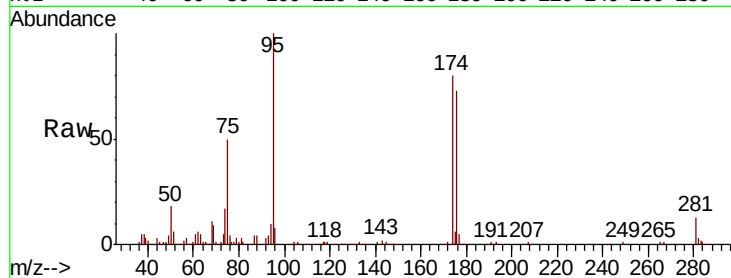




#81
trans-1,4-Dichloro-2-butene
Concen: 184.176 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010386.D
Acq: 11 May 2019 17:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 64920
Ion Ratio Lower Upper
75 100
53 0.4 89.8 134.8#
89 0.2 36.6 54.8#



#95
Naphthalene
Concen: 4.182 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010386.D
Acq: 11 May 2019 17:34

Tgt Ion: 128 Resp: 1961
Ion Ratio Lower Upper
128 100
127 17.2 10.6 15.8#
129 3.2 8.7 13.1#

