

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010346.D
 Acq On : 09 May 2019 19:38
 Operator : SY/VA
 Sample : K2718-04
 Misc : 5.41G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 10 02:24:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

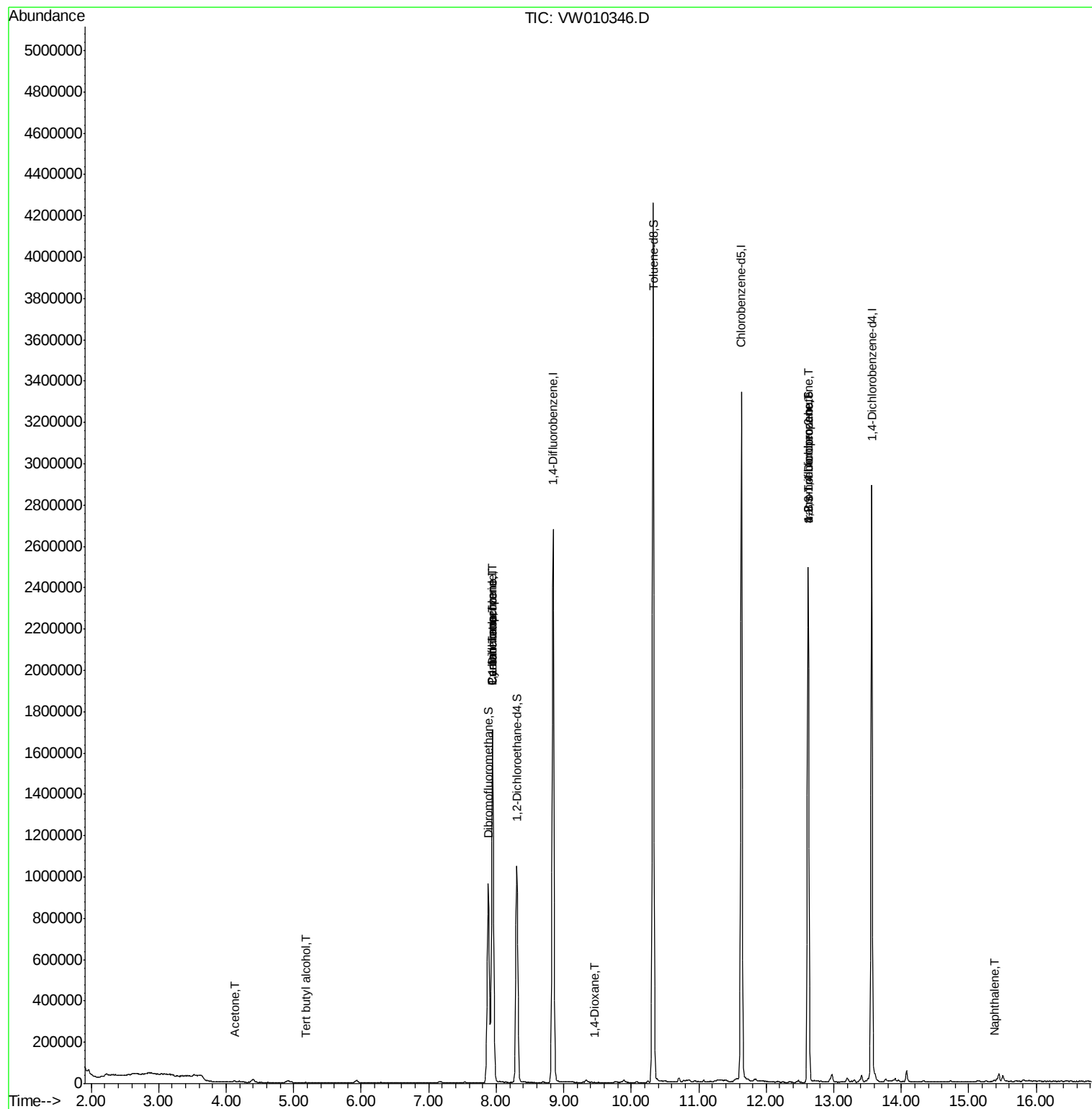
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1215977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2109704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1788758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	727607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	806386	62.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.76%	
35) Dibromofluoromethane	7.88	113	694834	56.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.56%	
50) Toluene-d8	10.32	98	2671654	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	805818	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	1188	1.301	ug/l #	90
16) Acetone	4.12	43	11894	3.529	ug/l	92
31) Cyclohexane	7.94	56	30390	1.148	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	101833	4.452	ug/l #	51
38) Carbon Tetrachloride	7.95	117	121737	6.208	ug/l #	18
49) 1,4-Dioxane	9.45	88	211	1.504	ug/l #	37
76) 1,2,3-Trichloropropane	12.62	75	413403	48.731	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	413403	110.050	ug/l #	6
95) Naphthalene	15.38	128	5386	3.746	ug/l	96

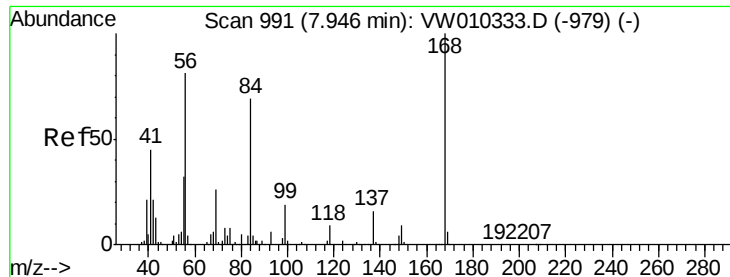
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050919\
Data File : VW010346.D
Acq On : 09 May 2019 19:38
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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 10 02:24:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Thu May 09 13:55:10 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: VW010346.D

Acq: 09 May 2019 19:38

Instrument :

MSVOA_W

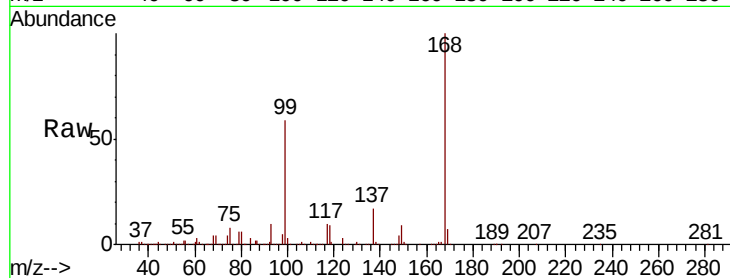
ClientSampleId :

Tot Ion:168 Resp: 1215977

Ion Ratio Lower Upper

168 100

99 59.1 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

600000

500000

400000

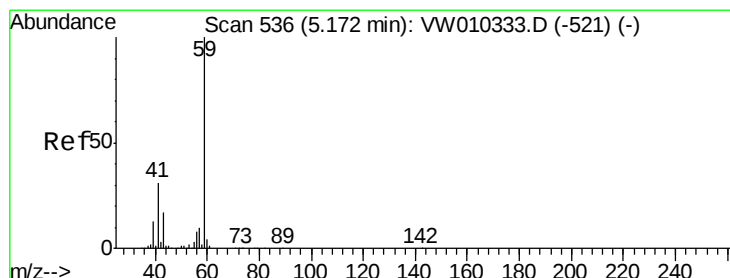
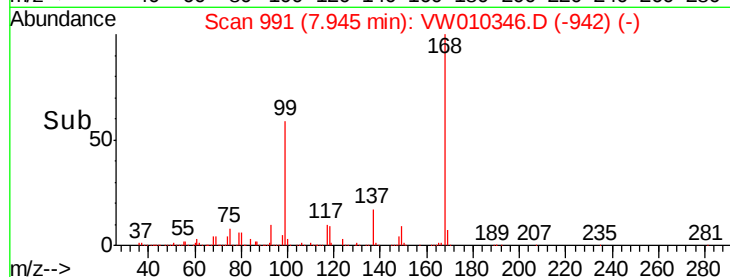
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 1.301 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW010346.D

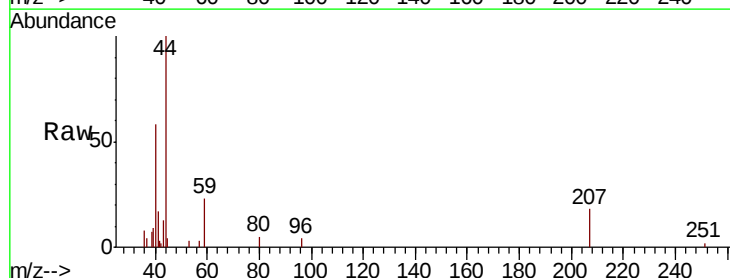
Acq: 09 May 2019 19:38

Tgt Ion: 59 Resp: 1188

Ion Ratio Lower Upper

59 100

57 7.5 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

600

500

400

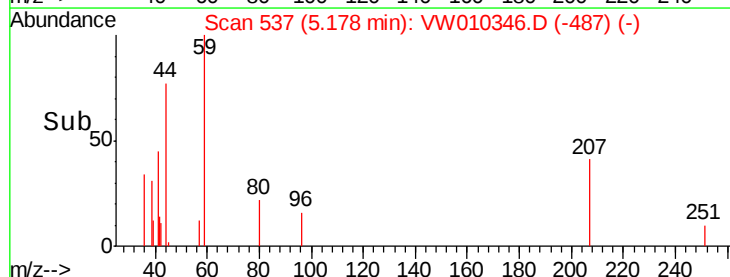
300

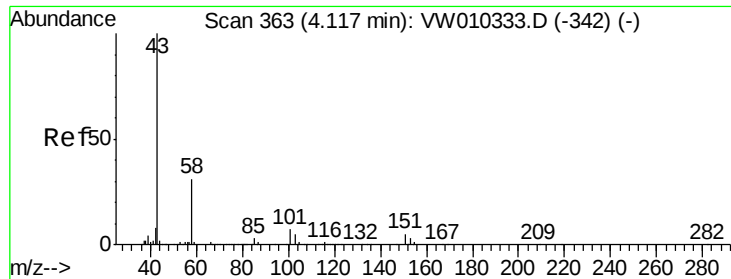
200

100

0

Time--> 5.10 5.15 5.20

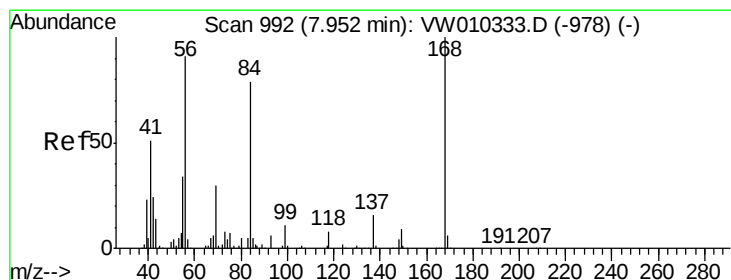
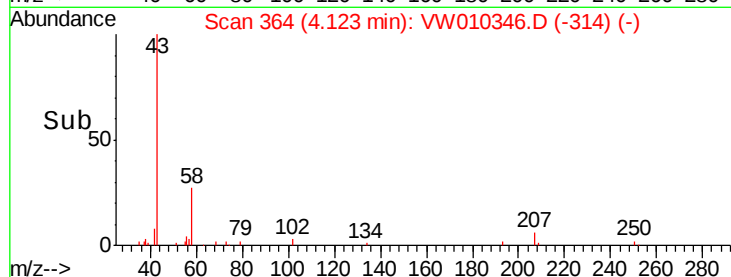
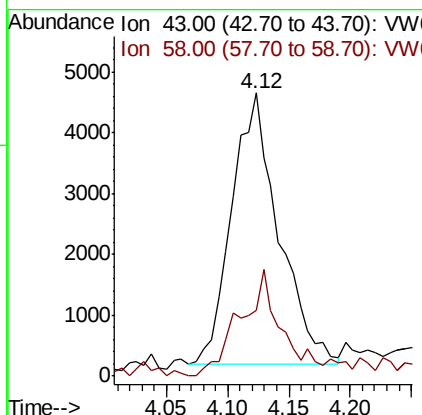
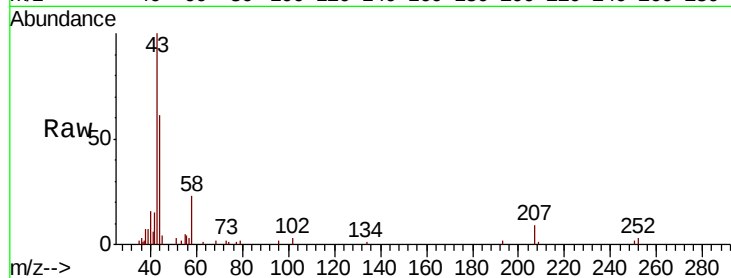




#16
Acetone
Concen: 3.529 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010346.D
Acq: 09 May 2019 19:38

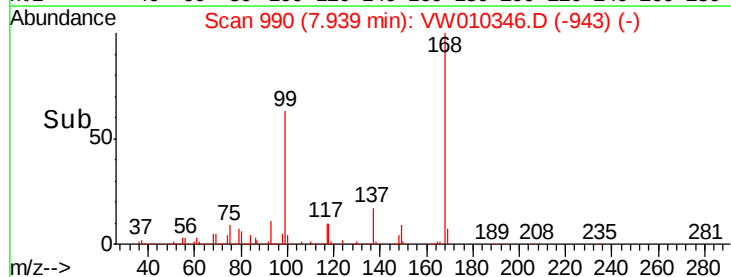
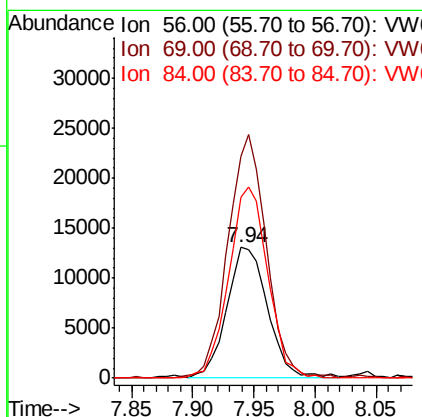
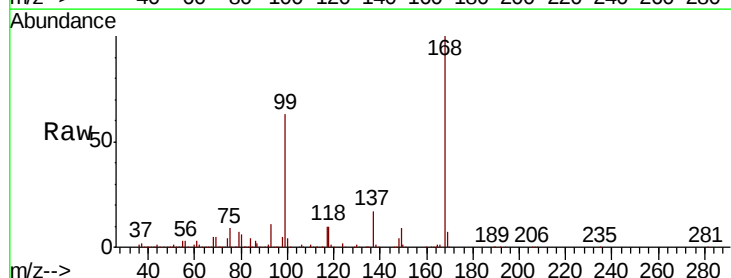
Instrument :
MSVOA_W
ClientSampled :

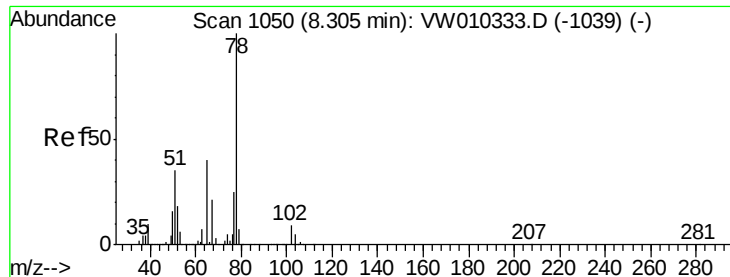
Tot Ion: 43 Resp: 11894
Ion Ratio Lower Upper
43 100
58 24.1 22.7 34.1



#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW010346.D
Acq: 09 May 2019 19:38

Tgt Ion: 56 Resp: 30390
Ion Ratio Lower Upper
56 100
69 169.3 26.6 40.0#
84 138.4 66.2 99.2#





#33

1,2-Dichloroethane-d4

Concen: 62.378 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

Instrument :

MSVOA_W

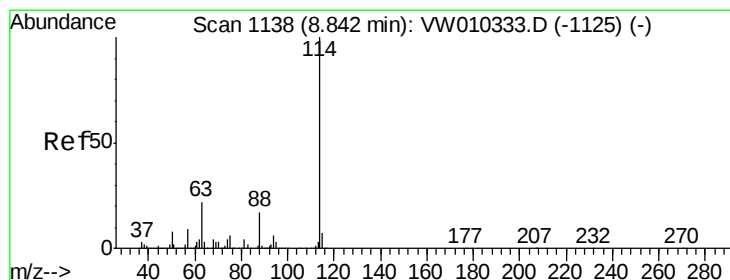
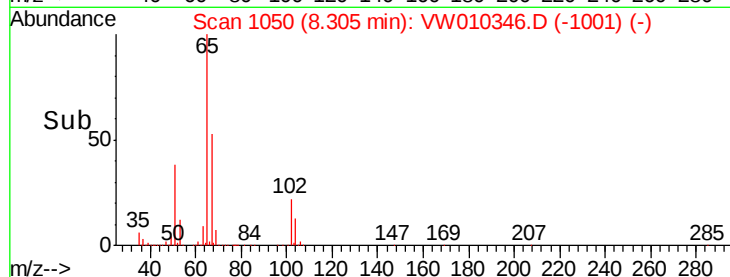
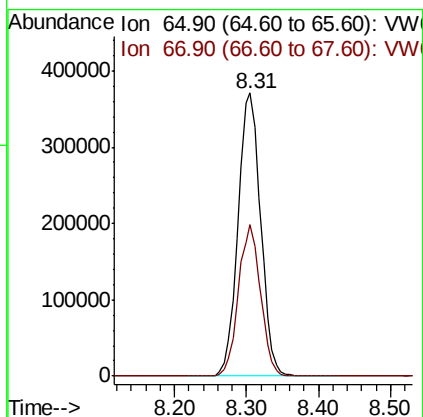
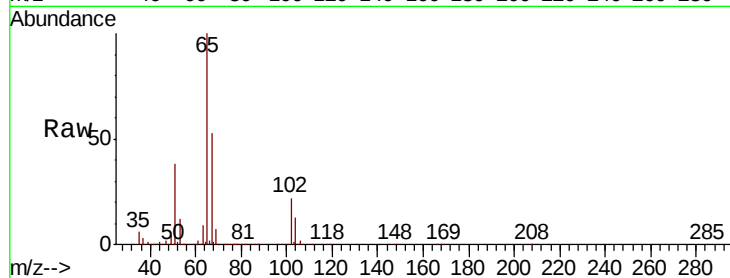
ClientSampleId :

Tot Ion: 65 Resp: 806386

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

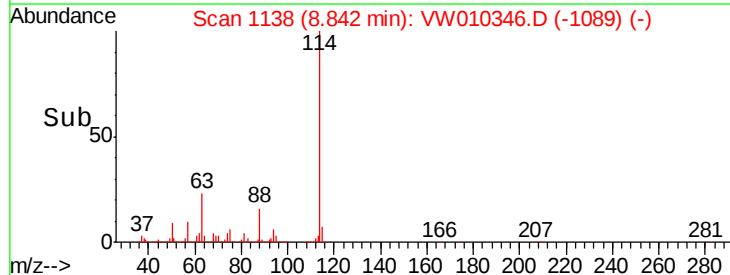
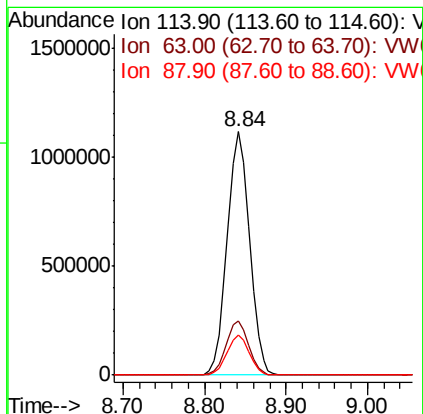
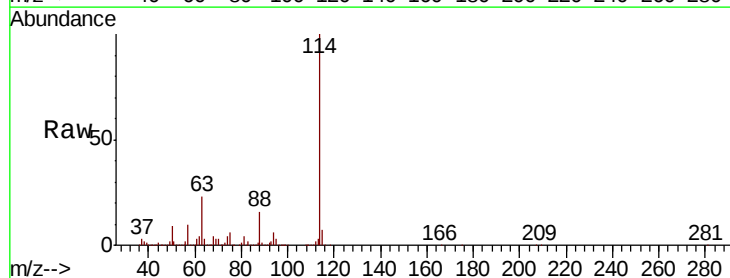
Tgt Ion: 114 Resp: 2109704

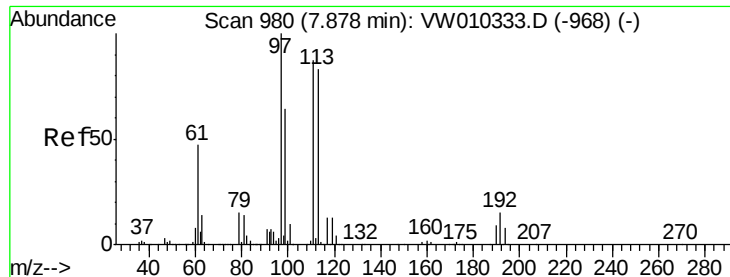
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.2

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.281 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

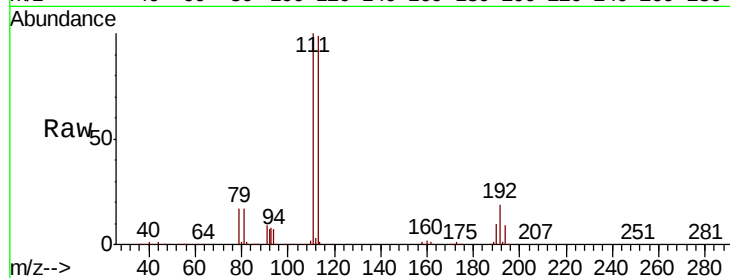
Tot Ion:113 Resp: 694834

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

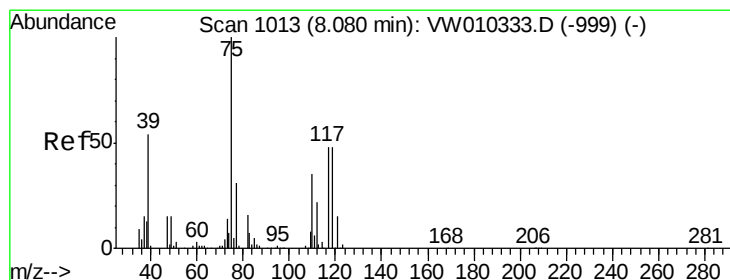
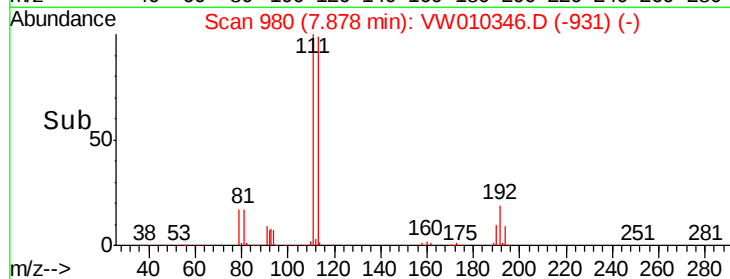
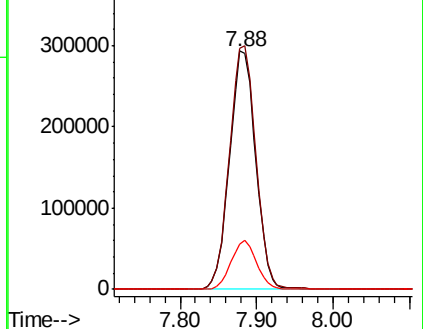
192 19.9 15.4 23.2



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: 4.452 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

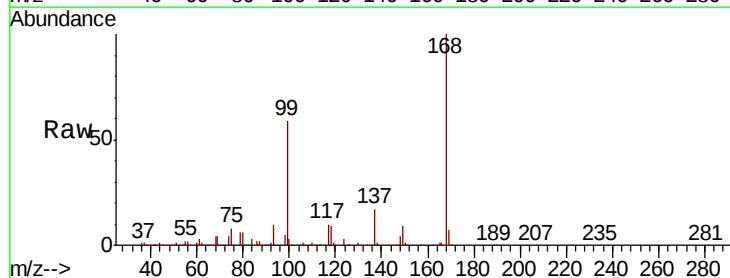
Tgt Ion: 75 Resp: 101833

Ion Ratio Lower Upper

75 100

110 8.9 16.6 49.8#

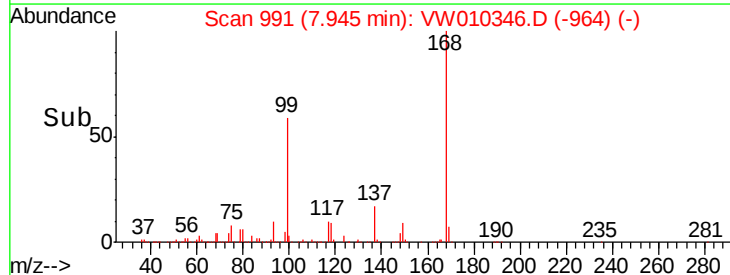
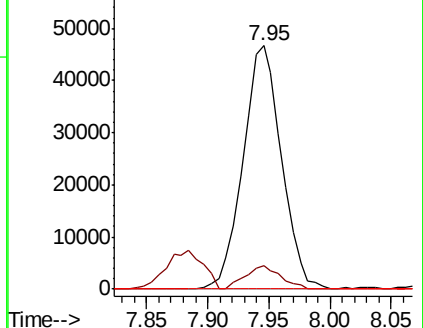
77 0.1 24.8 37.2#

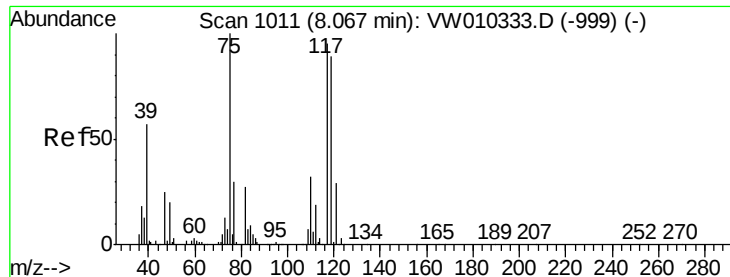


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.208 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

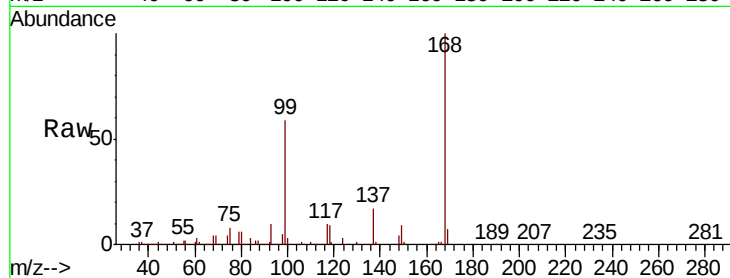
Tot Ion:117 Resp: 121737

Ion Ratio Lower Upper

117 100

119 6.5 75.3 112.9#

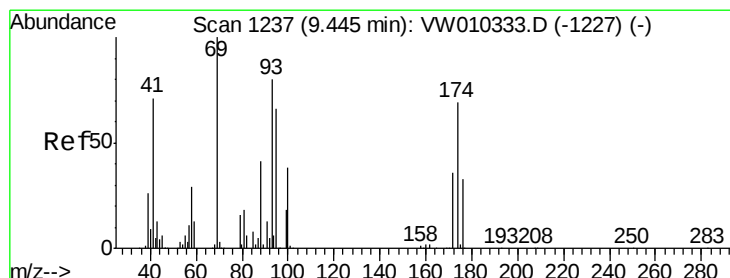
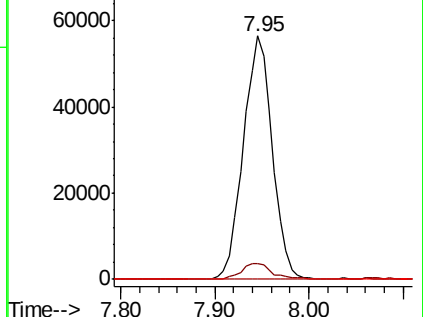
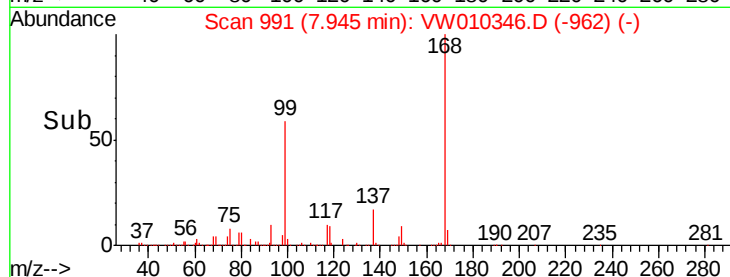
121 0.0 24.4 36.6#



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



#49

1,4-Dioxane

Concen: 1.504 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

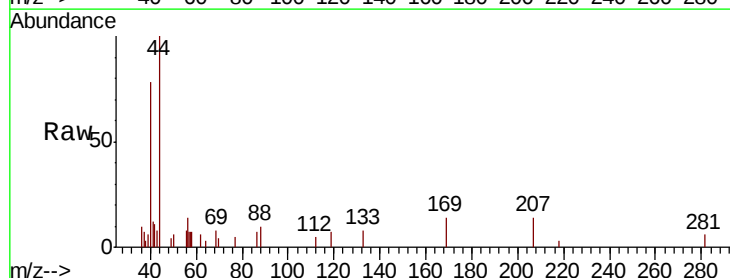
Tgt Ion: 88 Resp: 211

Ion Ratio Lower Upper

88 100

43 47.9 31.9 47.9

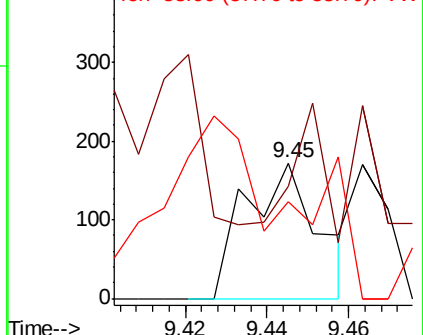
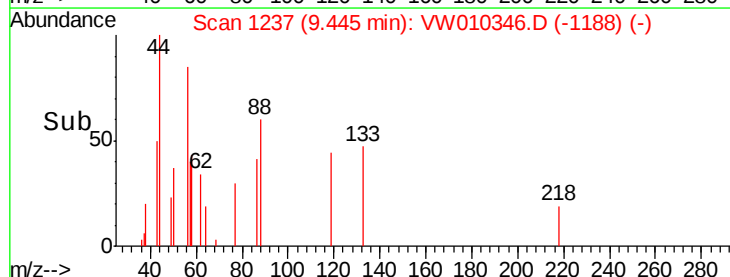
58 0.0 61.8 92.6#

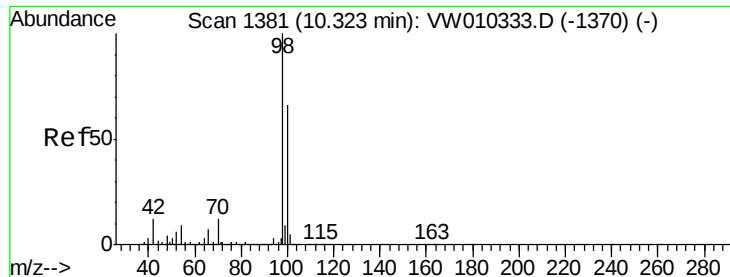


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 53.144 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

Instrument :

MSVOA_W

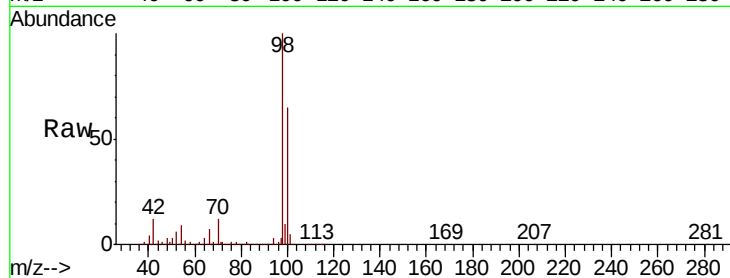
ClientSampleId :

Tot Ion: 98 Resp: 2671654

Ion Ratio Lower Upper

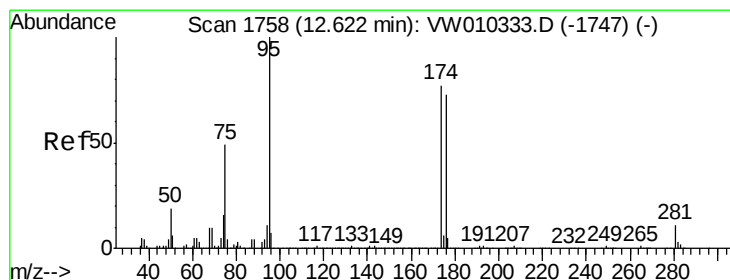
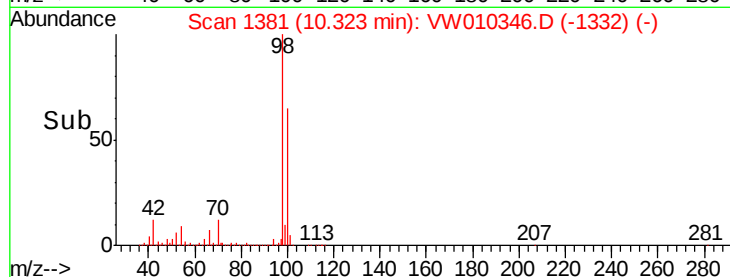
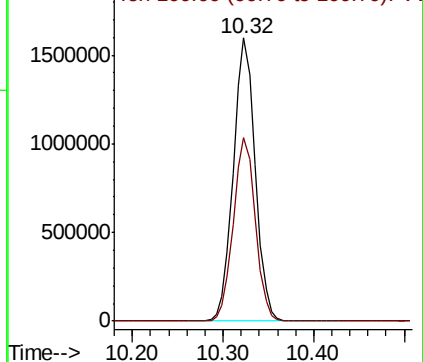
98 100

100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.536 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

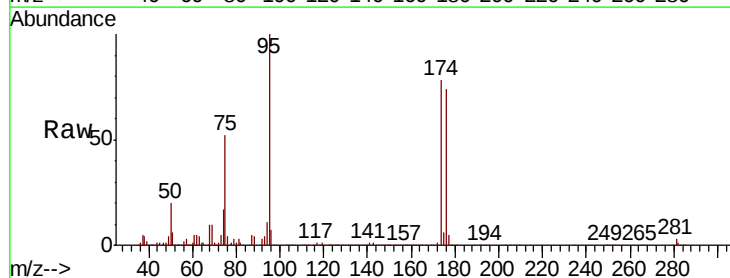
Tgt Ion: 95 Resp: 805818

Ion Ratio Lower Upper

95 100

174 76.5 0.0 151.4

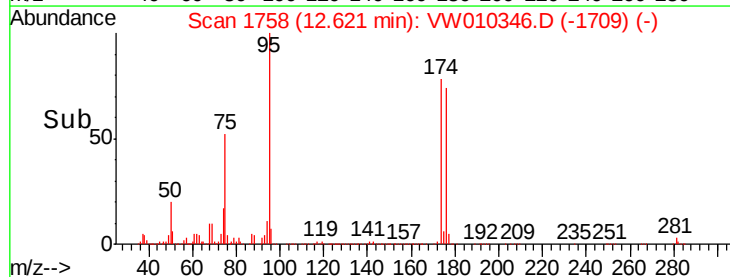
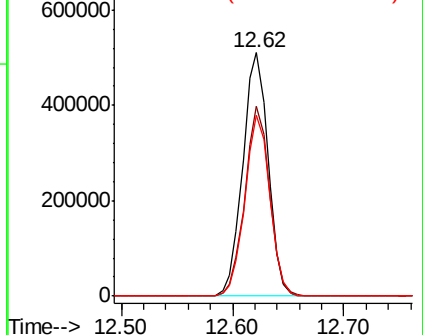
176 73.4 0.0 146.2

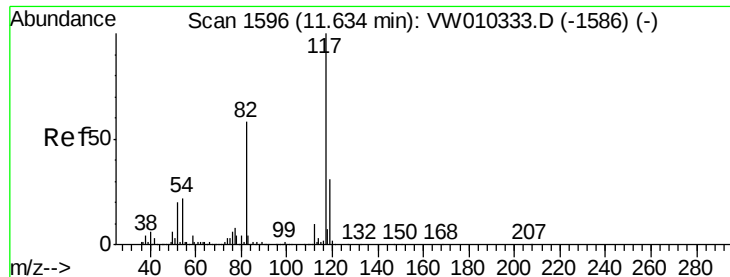


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

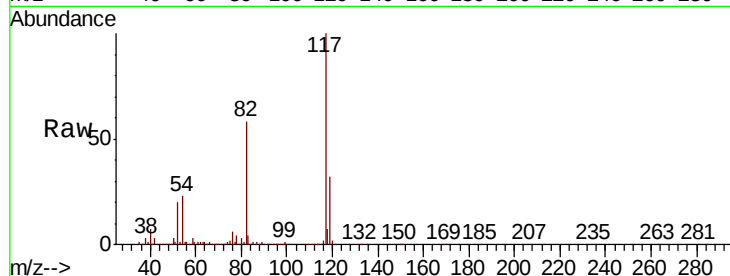




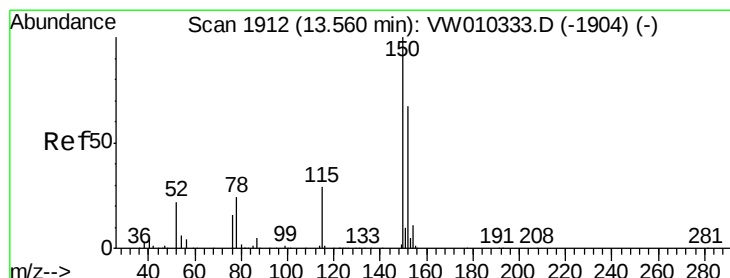
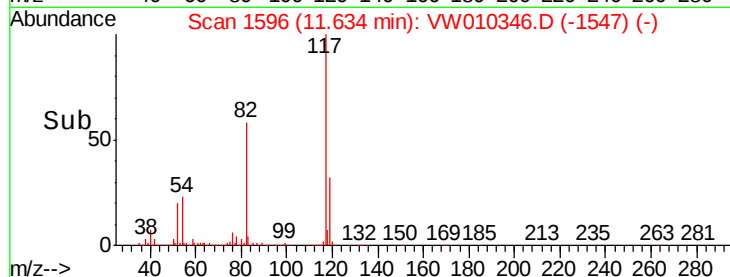
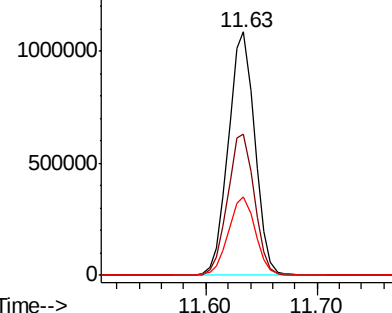
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010346.D
Acq: 09 May 2019 19:38

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 1788758
Ion Ratio Lower Upper
117 100
82 58.2 45.2 67.8
119 32.1 25.4 38.2

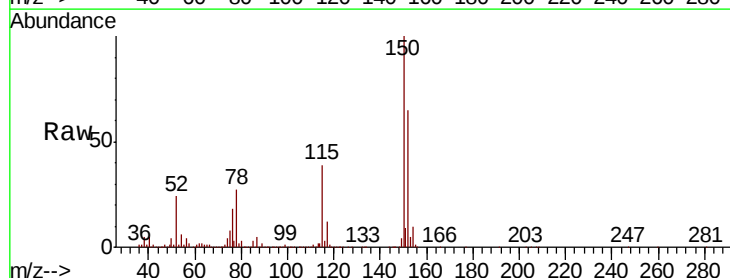


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

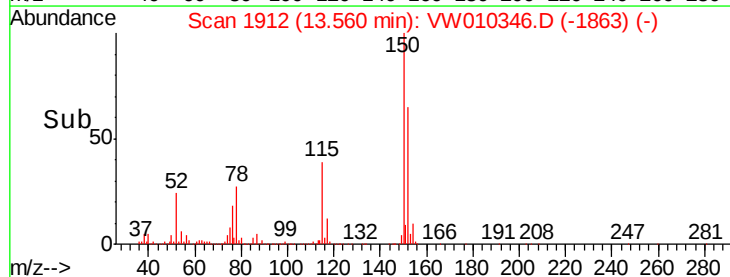
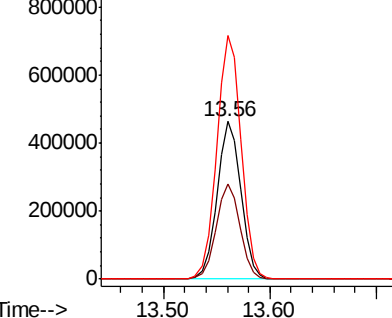


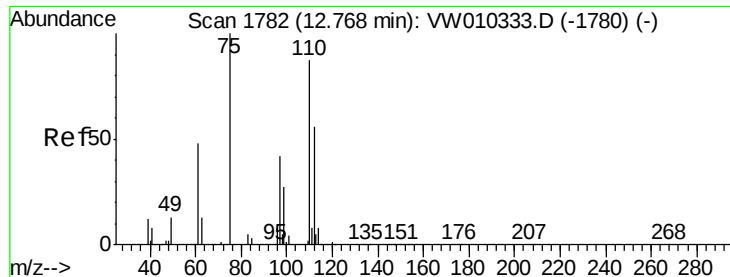
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010346.D
Acq: 09 May 2019 19:38

Tgt Ion:152 Resp: 727607
Ion Ratio Lower Upper
152 100
115 60.5 30.4 91.2
150 156.8 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: 48.731 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

Instrument :

MSVOA_W

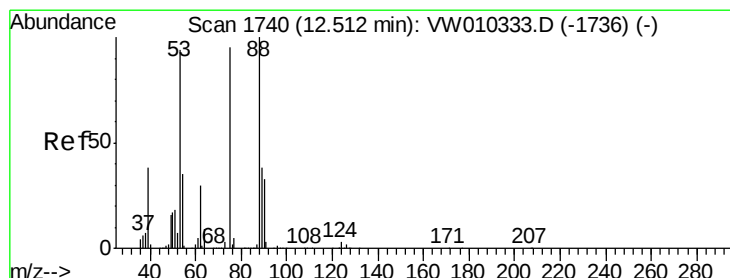
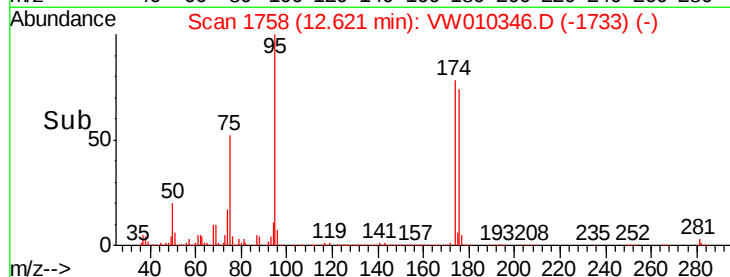
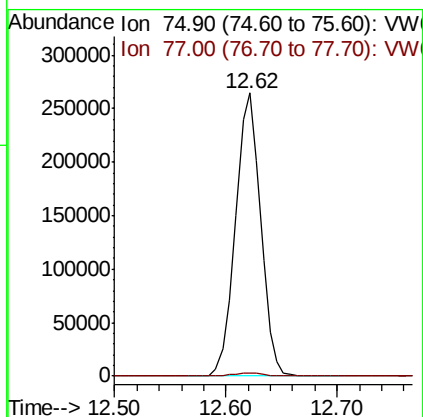
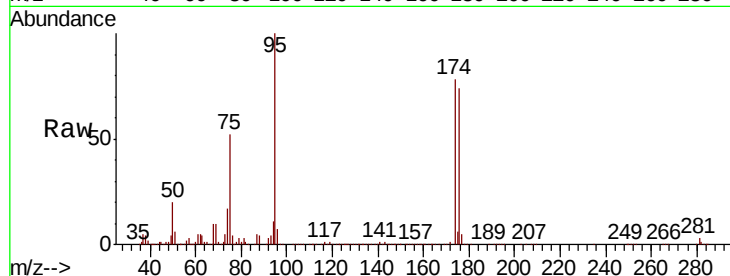
ClientSampleId :

Tot Ion: 75 Resp: 413403

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.050 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

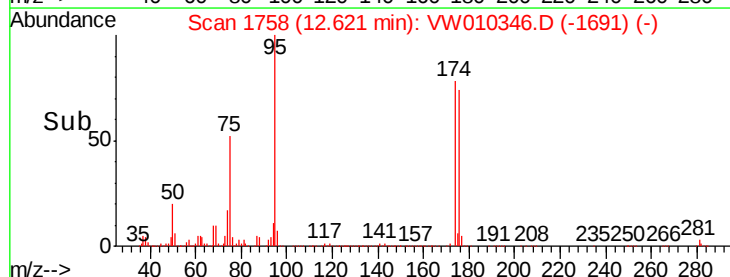
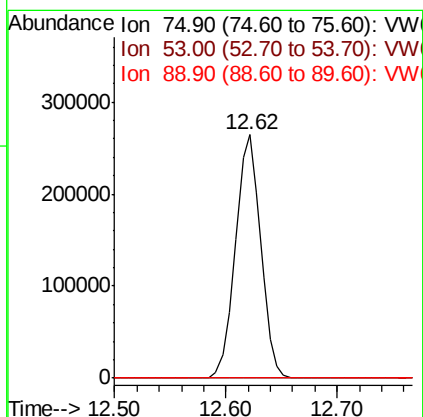
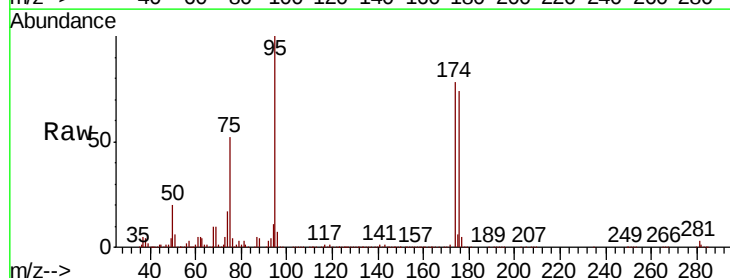
Tgt Ion: 75 Resp: 413403

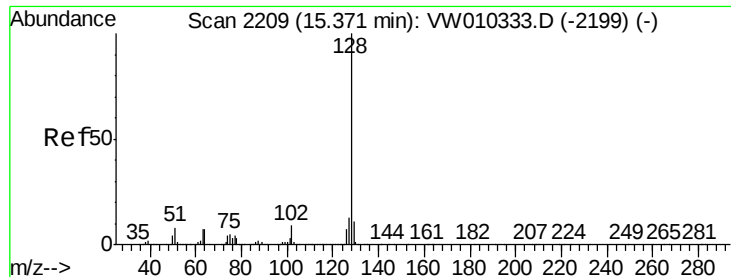
Ion Ratio Lower Upper

75 100

53 0.4 89.8 134.8#

89 0.0 36.6 54.8#

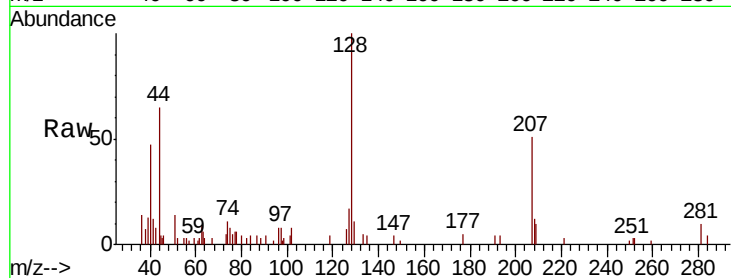




#95
 Naphthalene
 Concen: 3.746 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW010346.D
 Acq: 09 May 2019 19:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	15.8
129	12.8	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

