

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010387.D
 Acq On : 11 May 2019 18:03
 Operator : SY/VA
 Sample : K2719-16
 Misc : 5.32G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 12 00:28:04 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

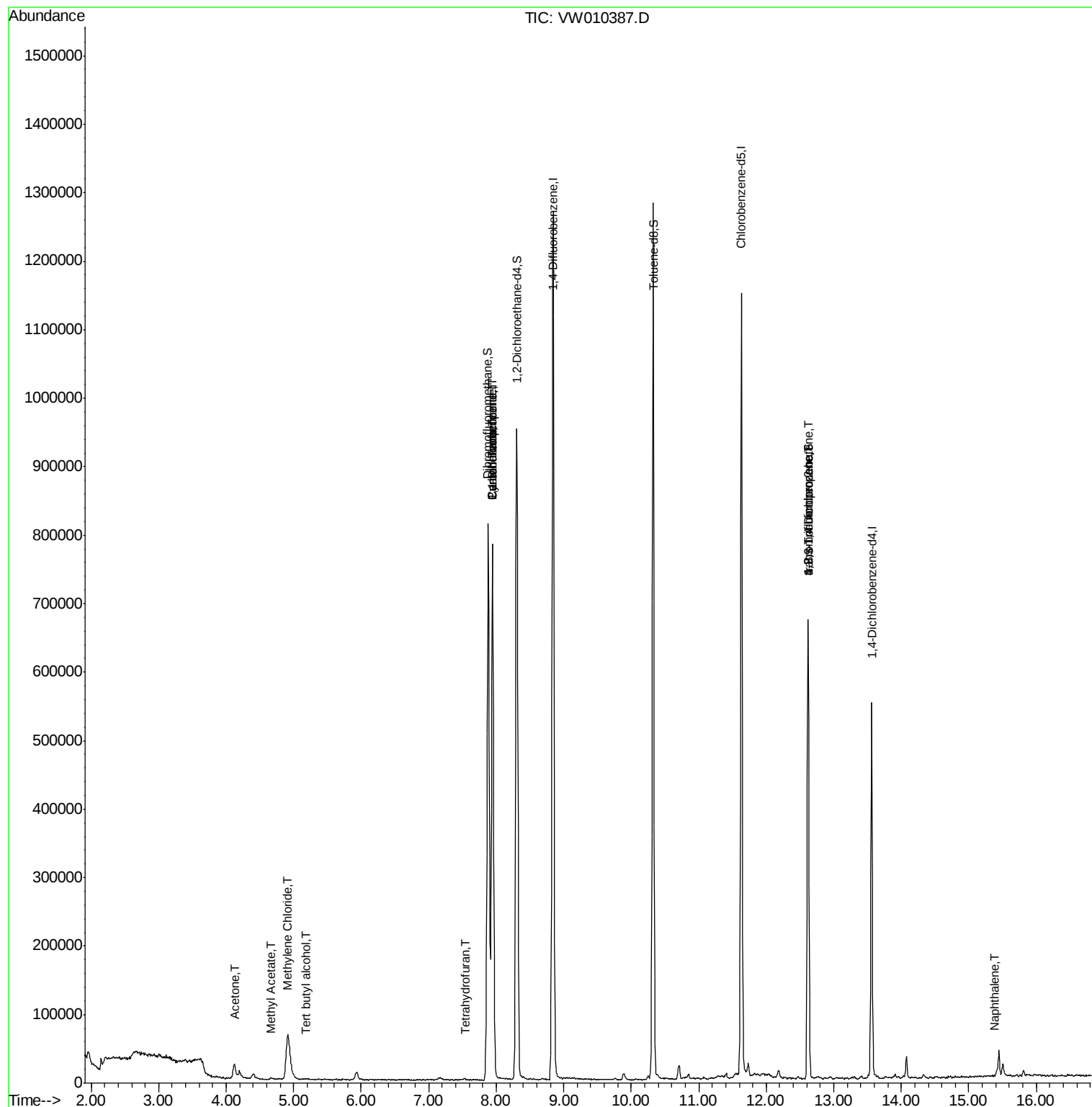
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	558390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1028875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	627330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	743935	125.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	250.64%	
35) Dibromofluoromethane	7.88	113	581481	96.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	193.16%	
50) Toluene-d8	10.32	98	822830	33.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.12%	
62) 4-Bromofluorobenzene	12.62	95	212640	24.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	1455	3.471	ug/l #	71
16) Acetone	4.12	43	40576	26.219	ug/l #	83
18) Methyl Acetate	4.67	43	3899	1.017	ug/l #	83
20) Methylene Chloride	4.92	84	65121	10.089	ug/l	95
29) Tetrahydrofuran	7.53	42	1660	1.084	ug/l #	84
31) Cyclohexane	7.95	56	13854	1.139	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	49567	4.443	ug/l #	50
38) Carbon Tetrachloride	7.94	117	56689	5.928	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	111178	68.563	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	111178	154.835	ug/l #	5
95) Naphthalene	15.38	128	1789	3.858	ug/l #	89

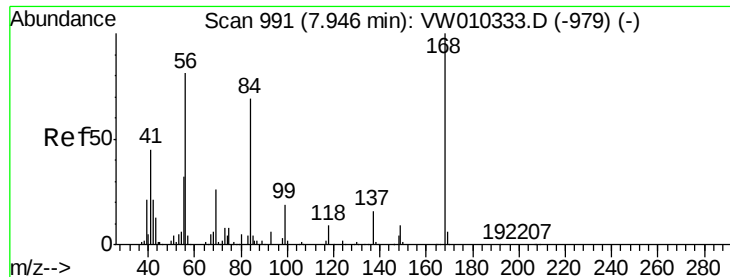
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051119\
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Quant Title : SW846 8260
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: VW010387.D

Acq: 11 May 2019 18:03

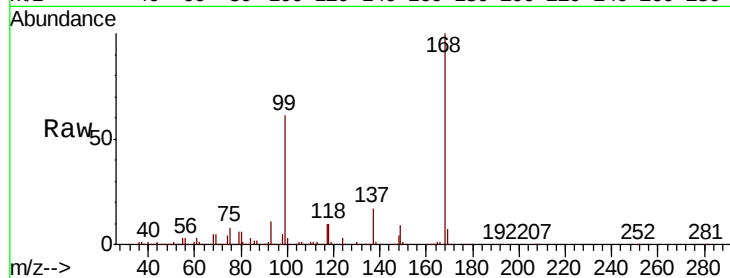
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 558390

Ion Ratio Lower Upper

168 100

99 60.7 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

250000

200000

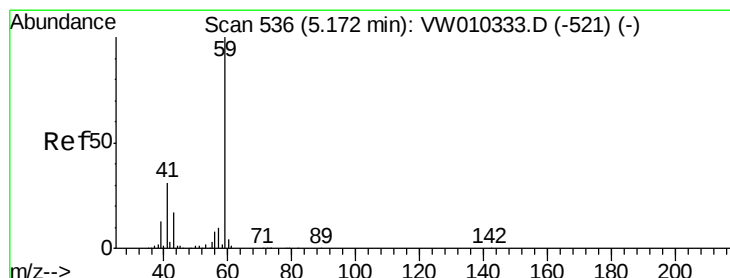
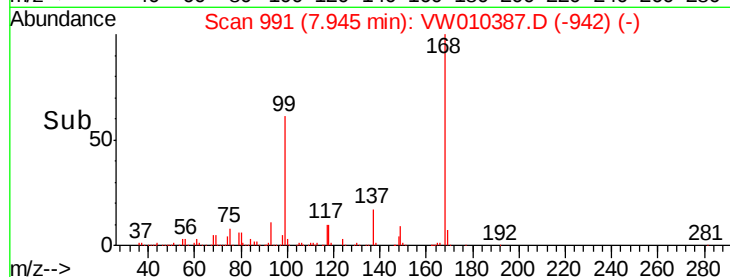
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 3.471 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW010387.D

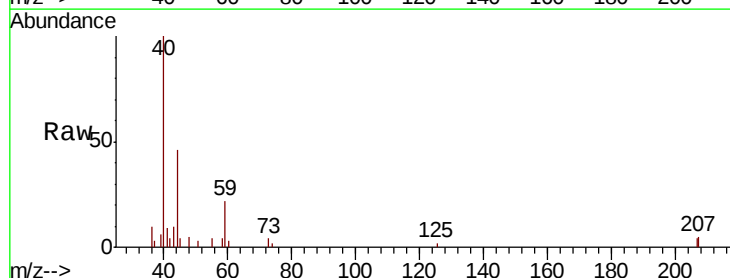
Acq: 11 May 2019 18:03

Tgt Ion: 59 Resp: 1455

Ion Ratio Lower Upper

59 100

57 0.0 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

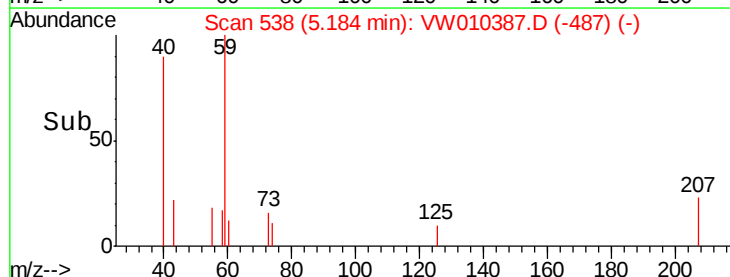
600

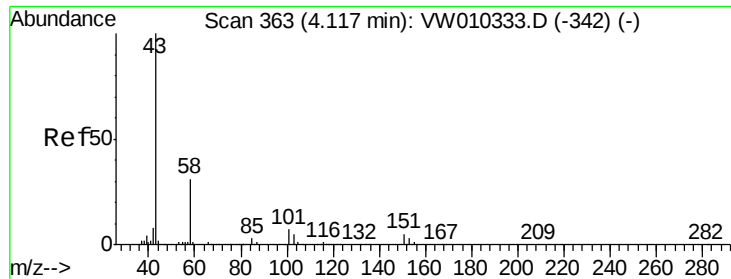
400

200

0

Time--> 5.10 5.15 5.20 5.25

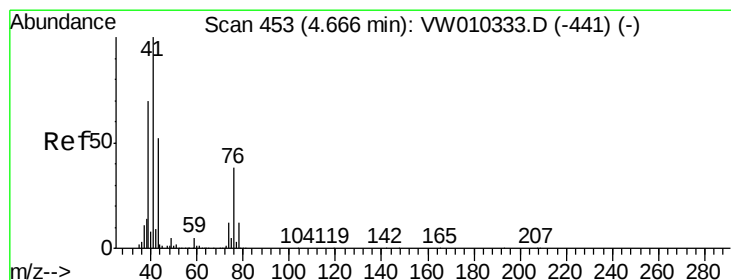
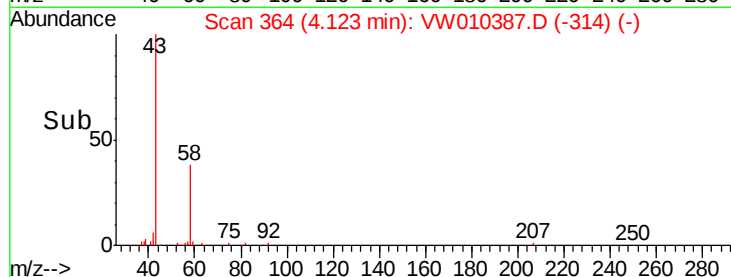
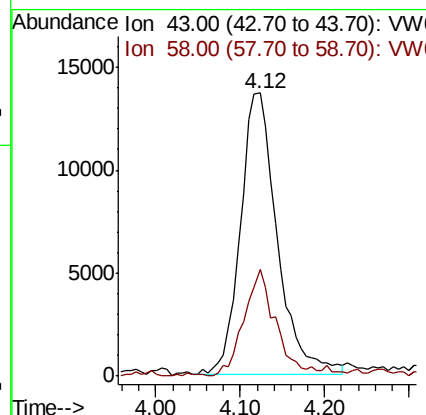
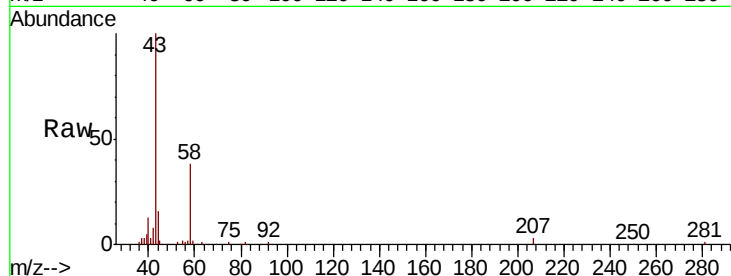




#16
Acetone
Concen: 26.219 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010387.D
Acq: 11 May 2019 18:03

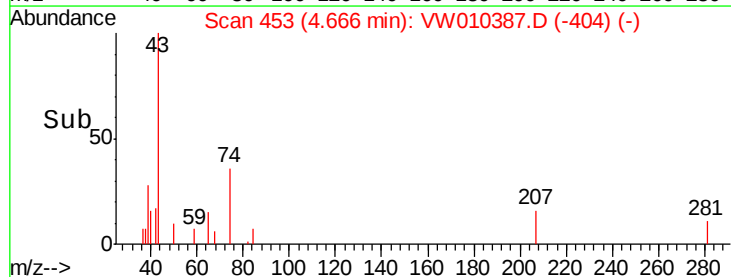
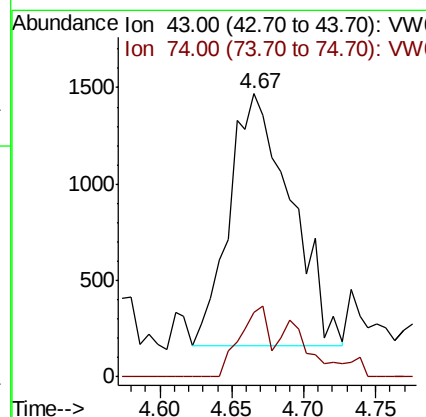
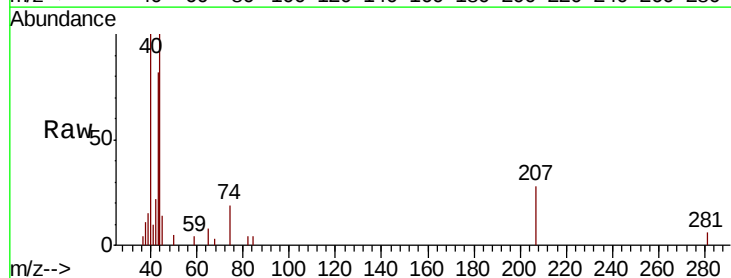
Instrument :
MSVOA_W
ClientSampled :

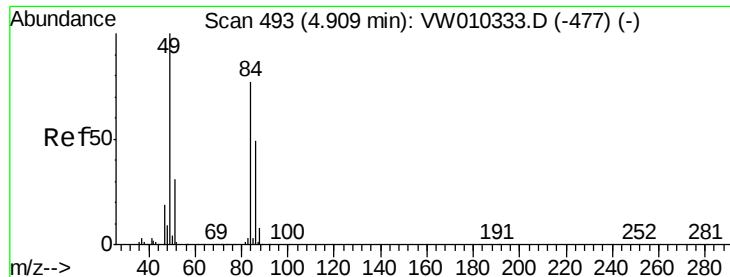
Tot Ion: 43 Resp: 40576
Ion Ratio Lower Upper
43 100
58 37.5 22.7 34.1#



#18
Methyl Acetate
Concen: 1.017 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010387.D
Acq: 11 May 2019 18:03

Tgt Ion: 43 Resp: 3899
Ion Ratio Lower Upper
43 100
74 13.2 16.8 25.2#

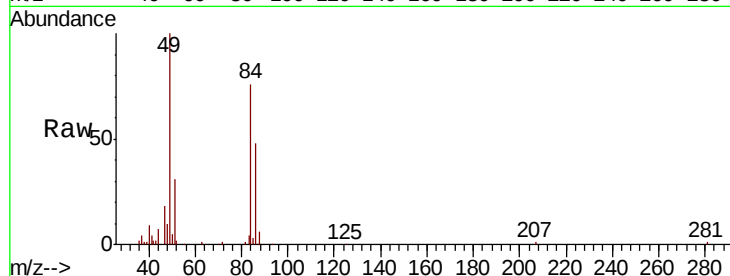




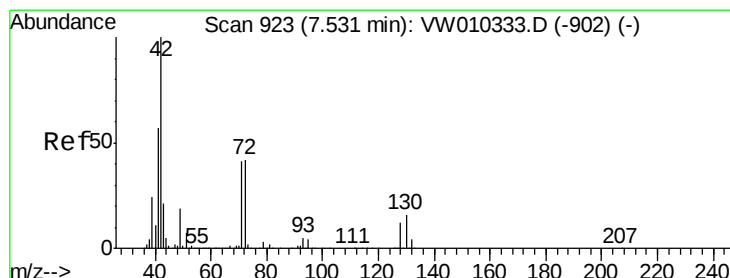
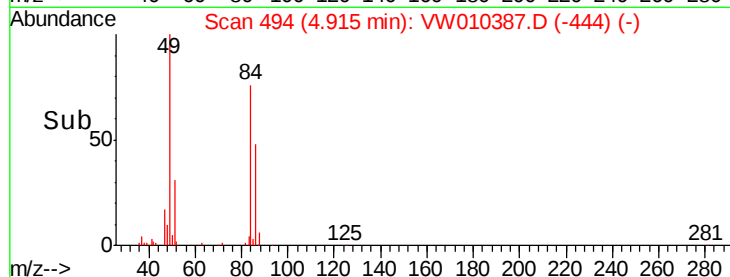
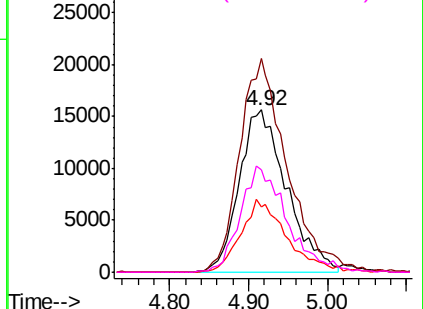
#20
Methvlene Chloride
Concen: 10.089 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010387.D
Acq: 11 May 2019 18:03

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	84	Resp:	65121
Ion	Ratio	Lower	Upper
84	100		
49	131.6	112.3	168.5
51	40.6	33.9	50.9
86	62.9	50.2	75.4

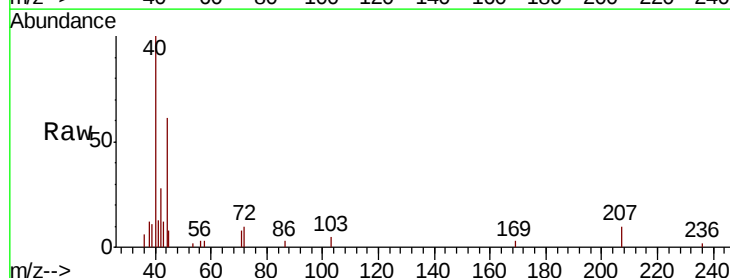


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

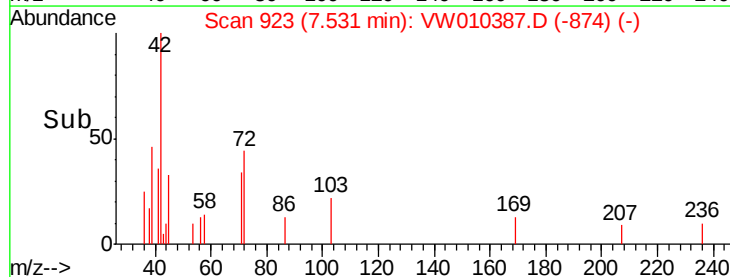
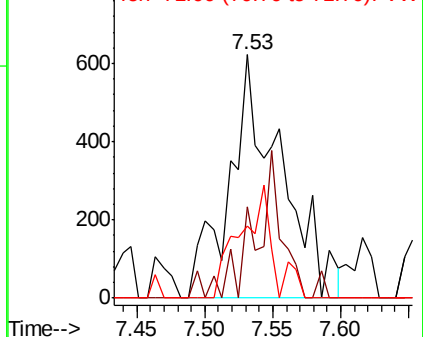


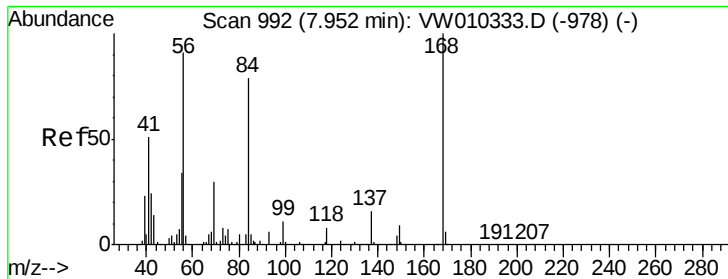
#29
Tetrahydrofuran
Concen: 1.084 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010387.D
Acq: 11 May 2019 18:03

Tgt Ion:	42	Resp:	1660
Ion	Ratio	Lower	Upper
42	100		
72	31.1	31.0	46.6
71	26.0	29.7	44.5#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.139 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010387.D

Acq: 11 May 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

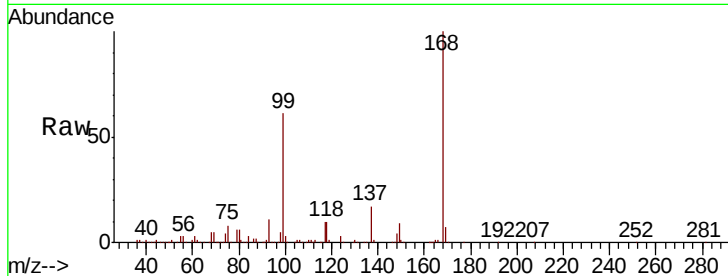
Tot Ion: 56 Resp: 13854

Ion Ratio Lower Upper

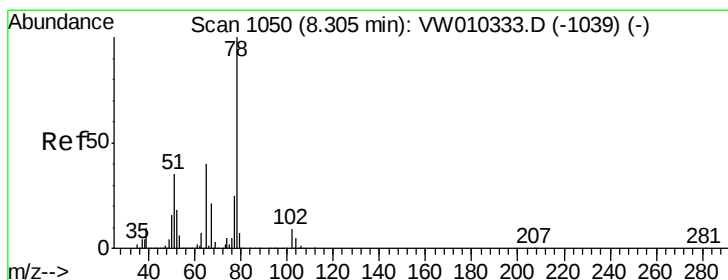
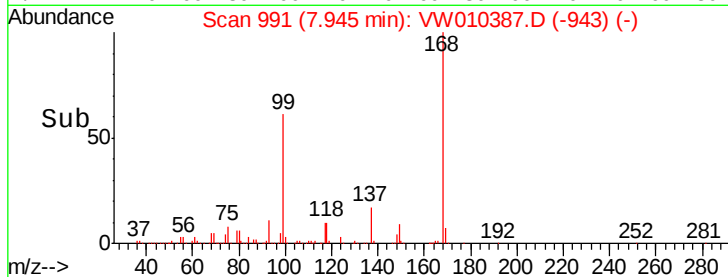
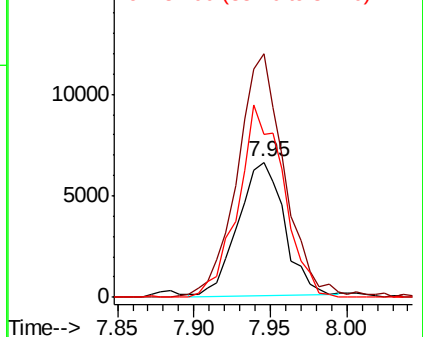
56 100

69 181.1 26.6 40.0#

84 123.0 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: 125.317 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010387.D

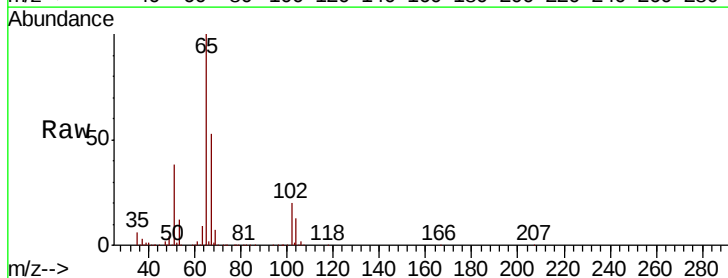
Acq: 11 May 2019 18:03

Tgt Ion: 65 Resp: 743935

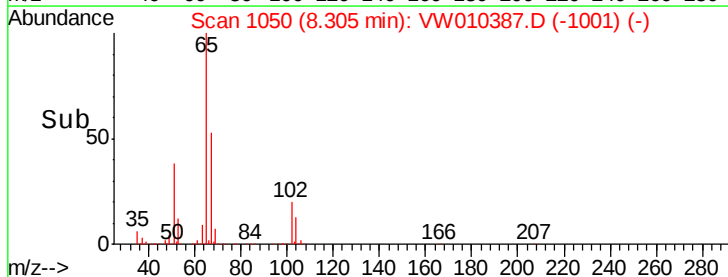
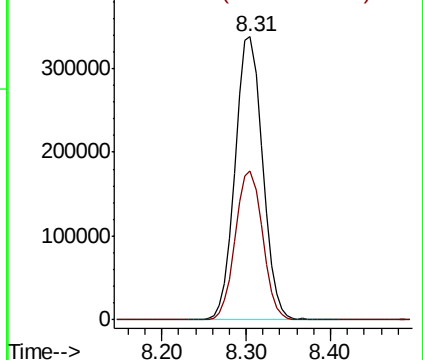
Ion Ratio Lower Upper

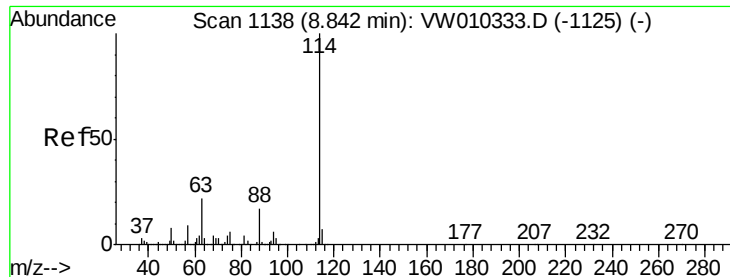
65 100

67 52.3 0.0 100.8



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

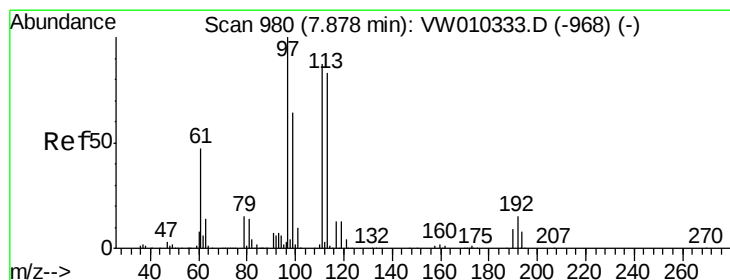
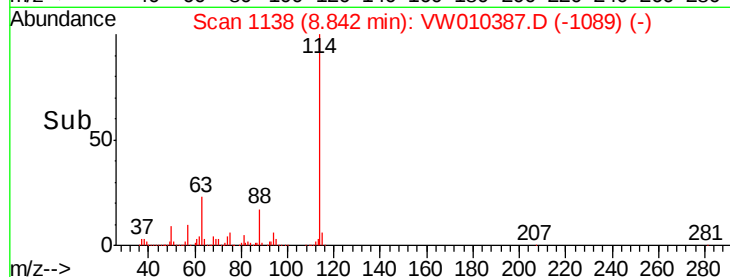
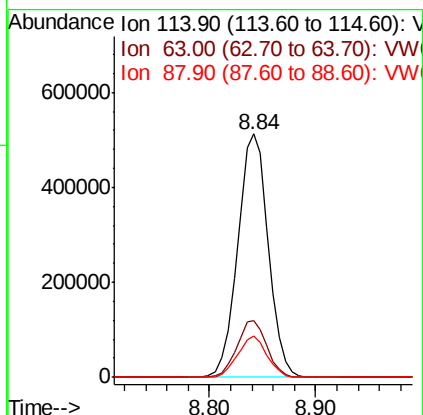
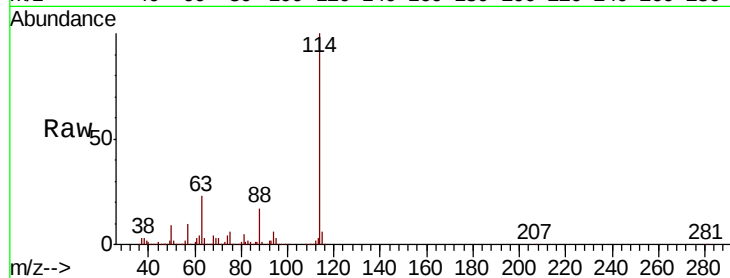




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010387.D
 Acq: 11 May 2019 18:03

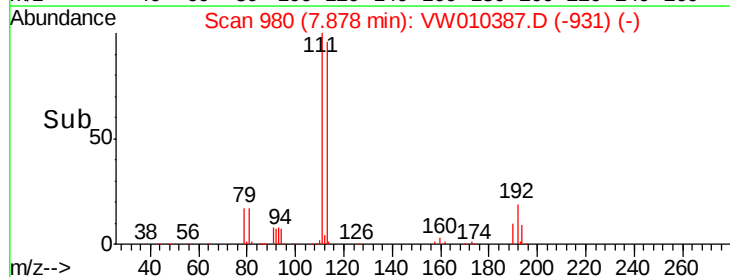
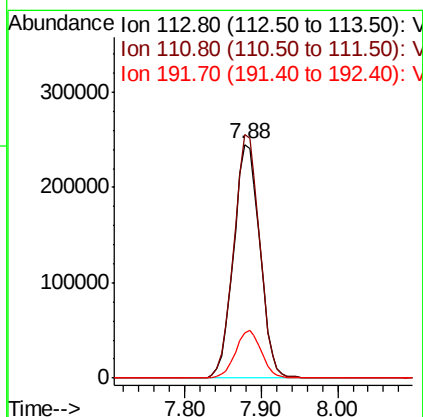
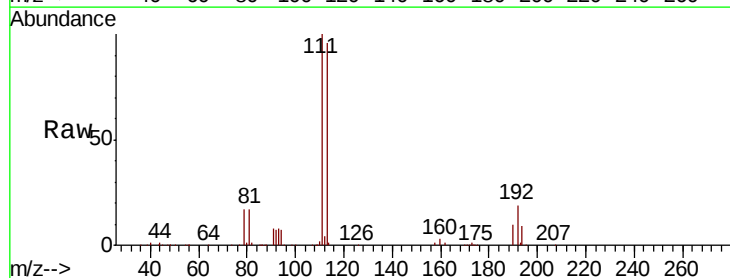
Instrument :
 MSVOA_W
 ClientSampleId :

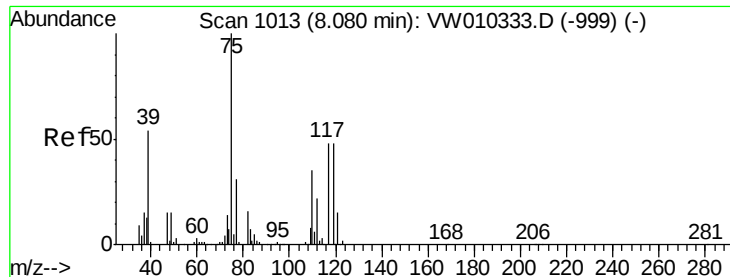
Tot Ion:114 Resp: 1028875
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.2
 88 16.7 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 96.578 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010387.D
 Acq: 11 May 2019 18:03

Tgt Ion:113 Resp: 581481
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.6 123.8
 192 20.0 15.4 23.2

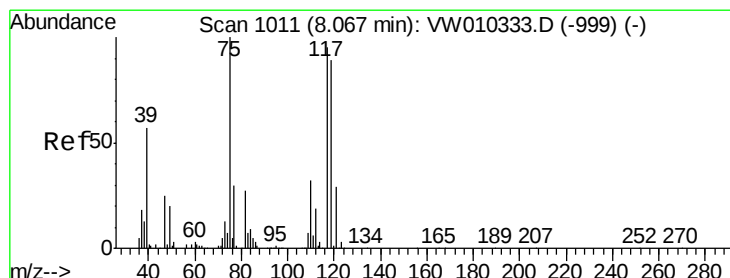
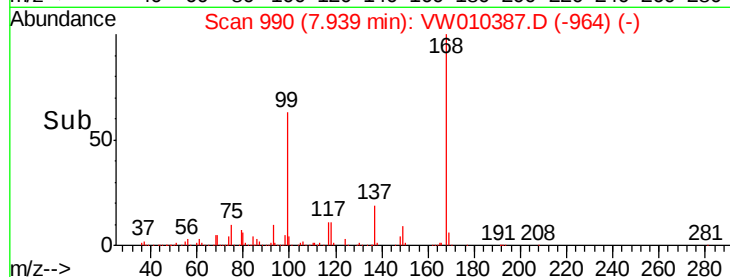
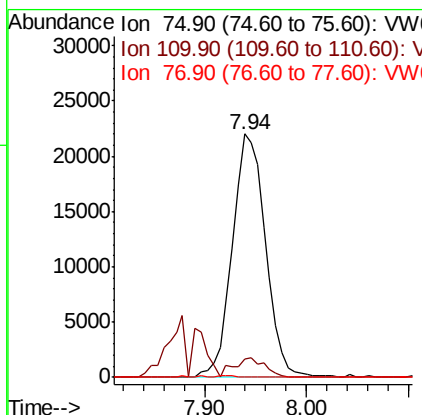
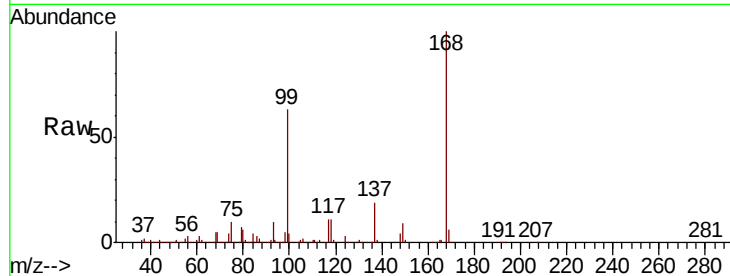




#36
 1,1-Dichloropropene
 Concen: 4.443 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW010387.D
 Acq: 11 May 2019 18:03

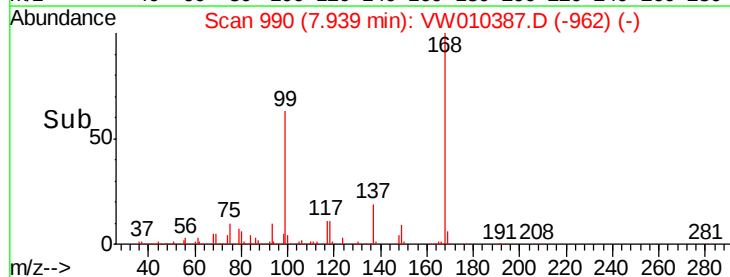
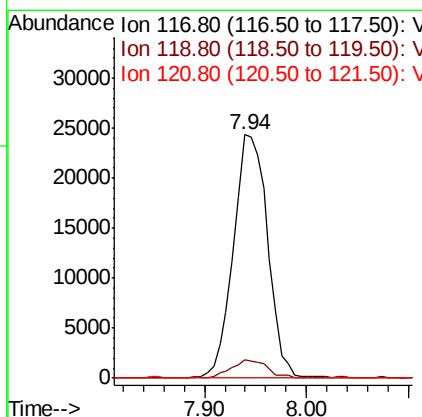
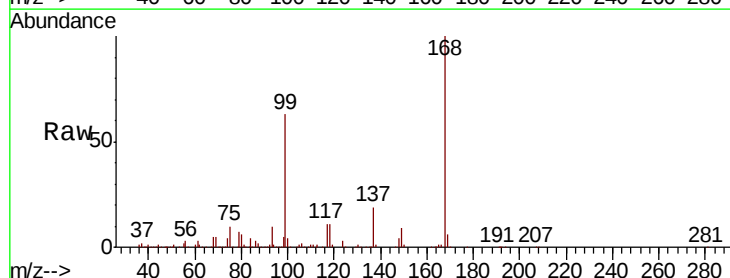
Instrument :
 MSVOA_W
 ClientSampleId :

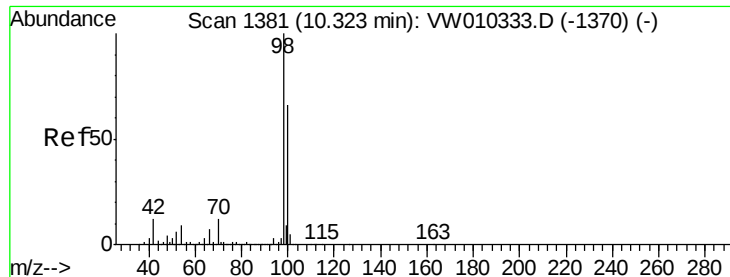
Tot Ion	75	Resp	49567
Ion Ratio	100	Lower	Upper
75	100		
110	7.6	16.6	49.8#
77	0.3	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.928 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW010387.D
 Acq: 11 May 2019 18:03

Tgt Ion	117	Resp	56689
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	7.7	75.3	112.9#
121	0.0	24.4	36.6#





#50

Toluene-d8

Concen: 33.562 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010387.D

Acq: 11 May 2019 18:03

Instrument :

MSVOA_W

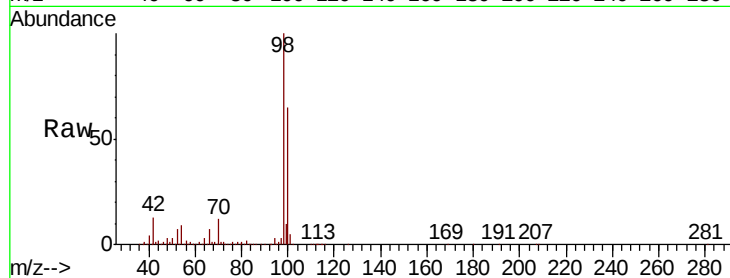
ClientSampled :

Tot Ion: 98 Resp: 822830

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

500000

400000

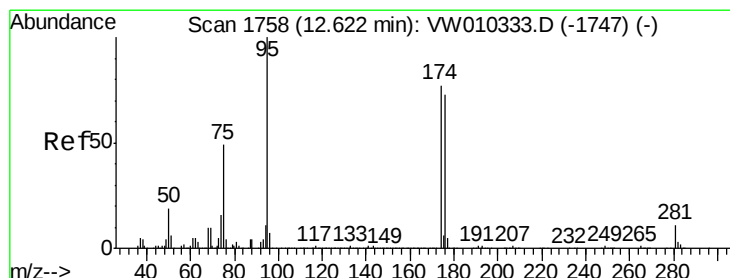
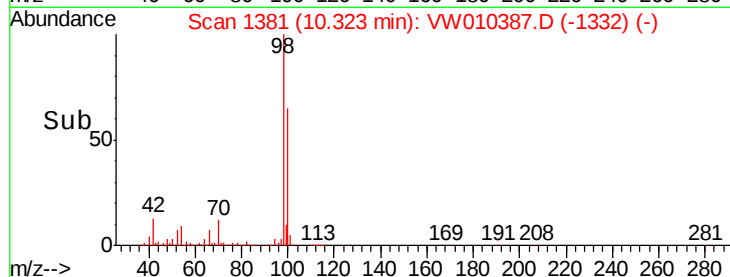
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 24.639 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010387.D

Acq: 11 May 2019 18:03

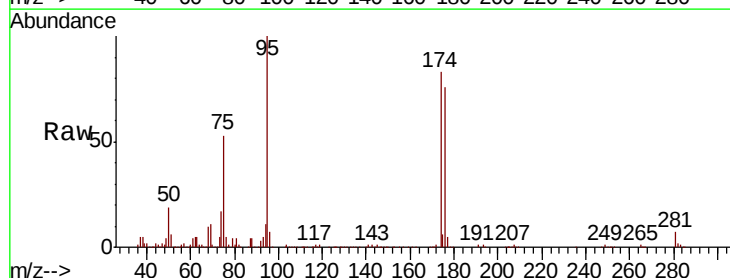
Tgt Ion: 95 Resp: 212640

Ion Ratio Lower Upper

95 100

174 79.3 0.0 151.4

176 74.5 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

12.62

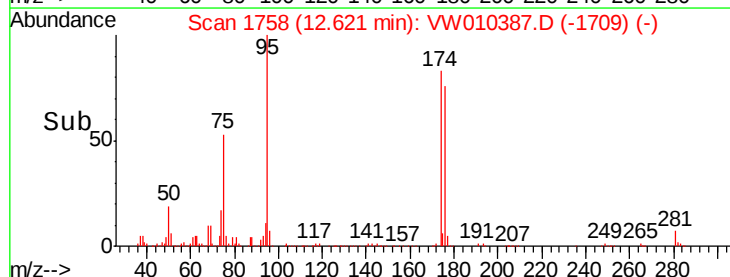
150000

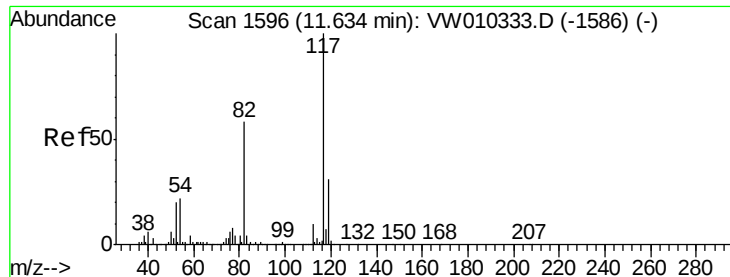
100000

50000

0

Time--> 12.60 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010387.D

Acq: 11 May 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

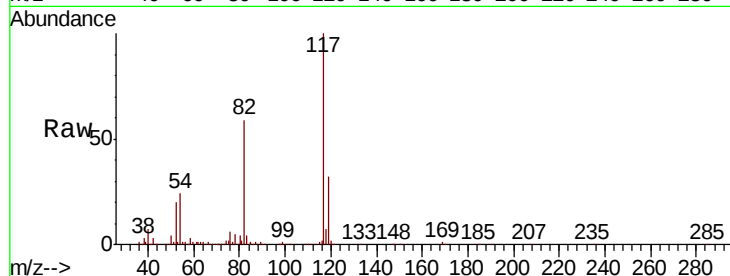
Tot Ion:117 Resp: 627330

Ion Ratio Lower Upper

117 100

82 59.0 45.2 67.8

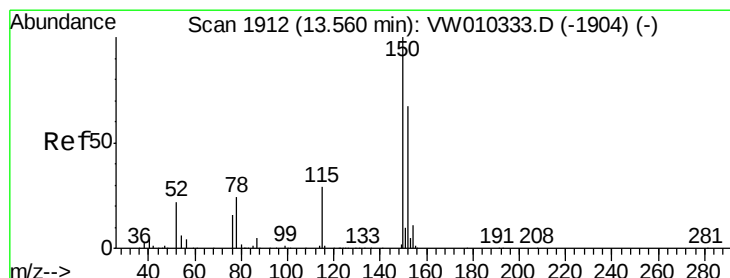
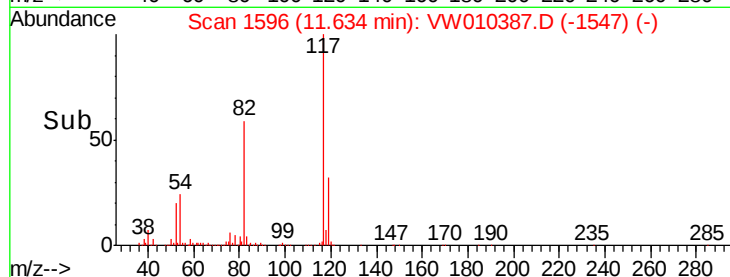
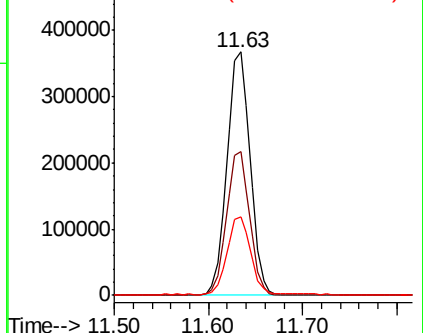
119 32.2 25.4 38.2



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: VW010387.D

Acq: 11 May 2019 18:03

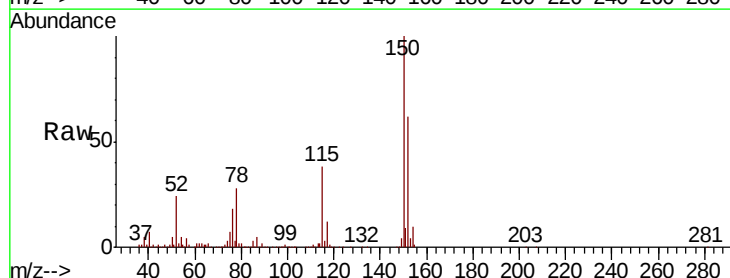
Tgt Ion:152 Resp: 139080

Ion Ratio Lower Upper

152 100

115 59.4 30.4 91.2

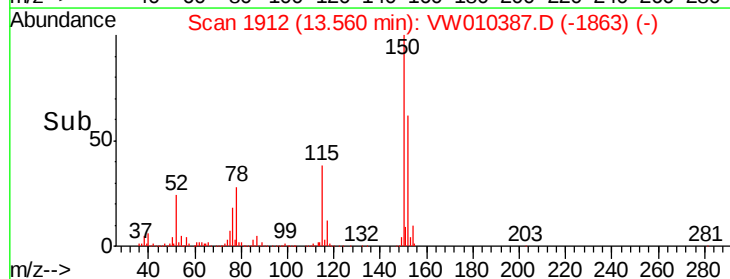
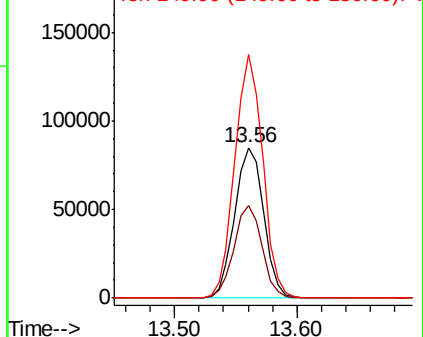
150 156.0 0.0 347.0

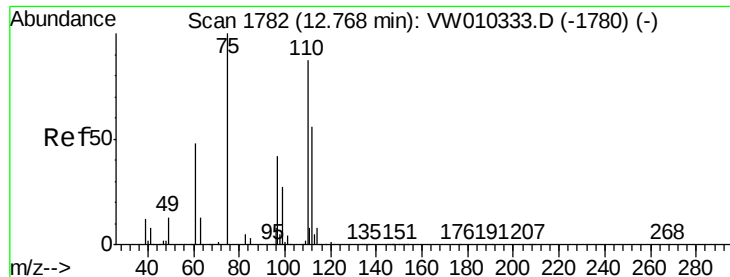


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



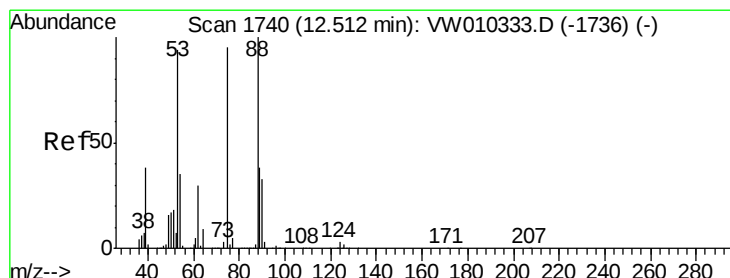
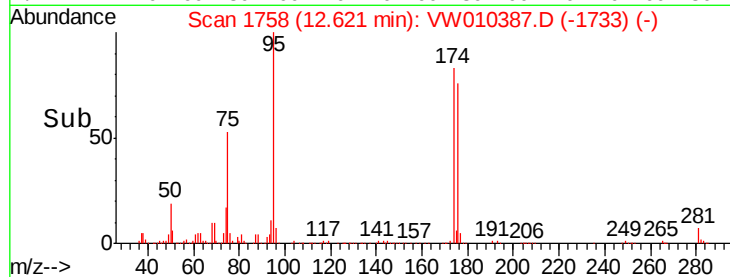
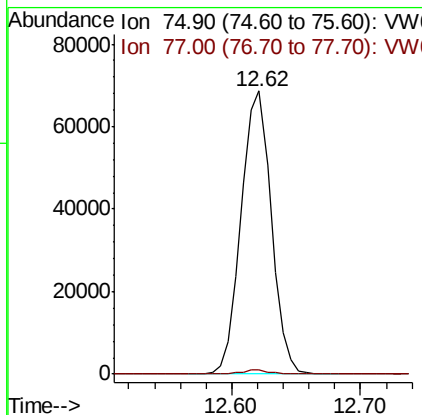
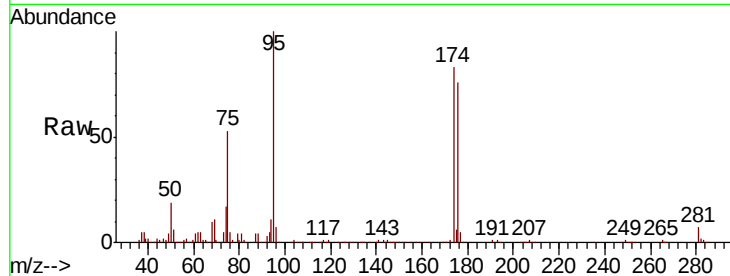


#76

1,2,3-Trichloropropane
Concen: 68.563 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010387.D
Acq: 11 May 2019 18:03

Instrument :
MSVOA_W
ClientSampleId :

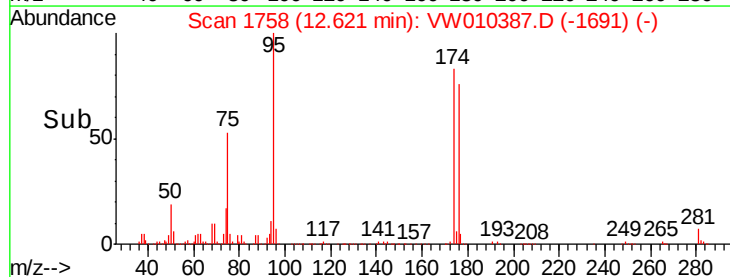
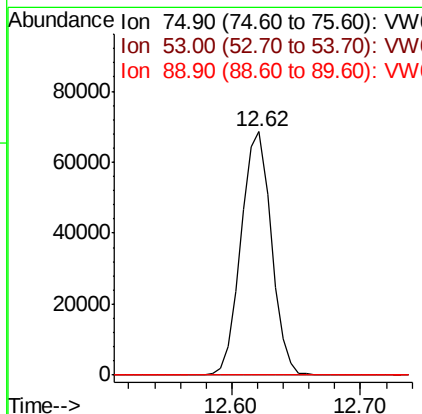
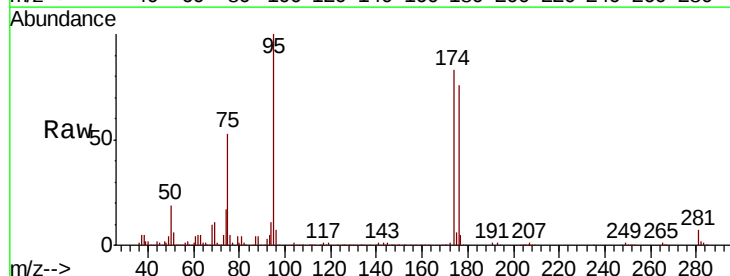
Tot Ion: 75 Resp: 111178
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

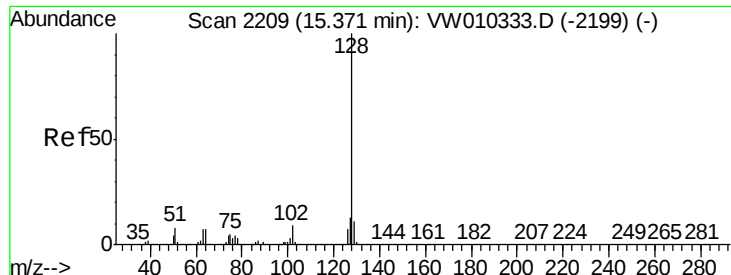


#81

trans-1,4-Dichloro-2-butene
Concen: 154.835 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010387.D
Acq: 11 May 2019 18:03

Tgt Ion: 75 Resp: 111178
Ion Ratio Lower Upper
75 100
53 0.2 89.8 134.8#
89 0.1 36.6 54.8#





#95

Naphthalene

Concen: 3.858 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW010387.D

Acq: 11 May 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

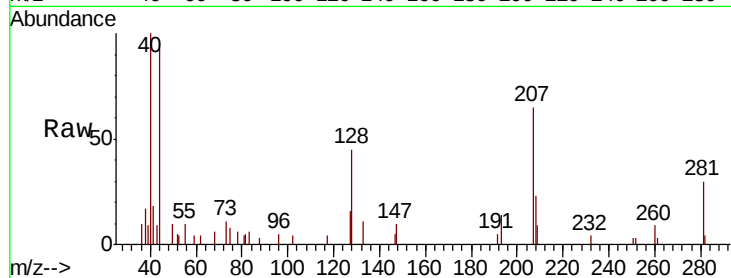
Tot Ion:128 Resp: 1789

Ion Ratio Lower Upper

128 100

127 14.0 10.6 15.8

129 2.6 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

