

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012253.D
 Acq On : 28 Aug 2019 14:49
 Operator : SY/VA
 Sample : K4509-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 17:26:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

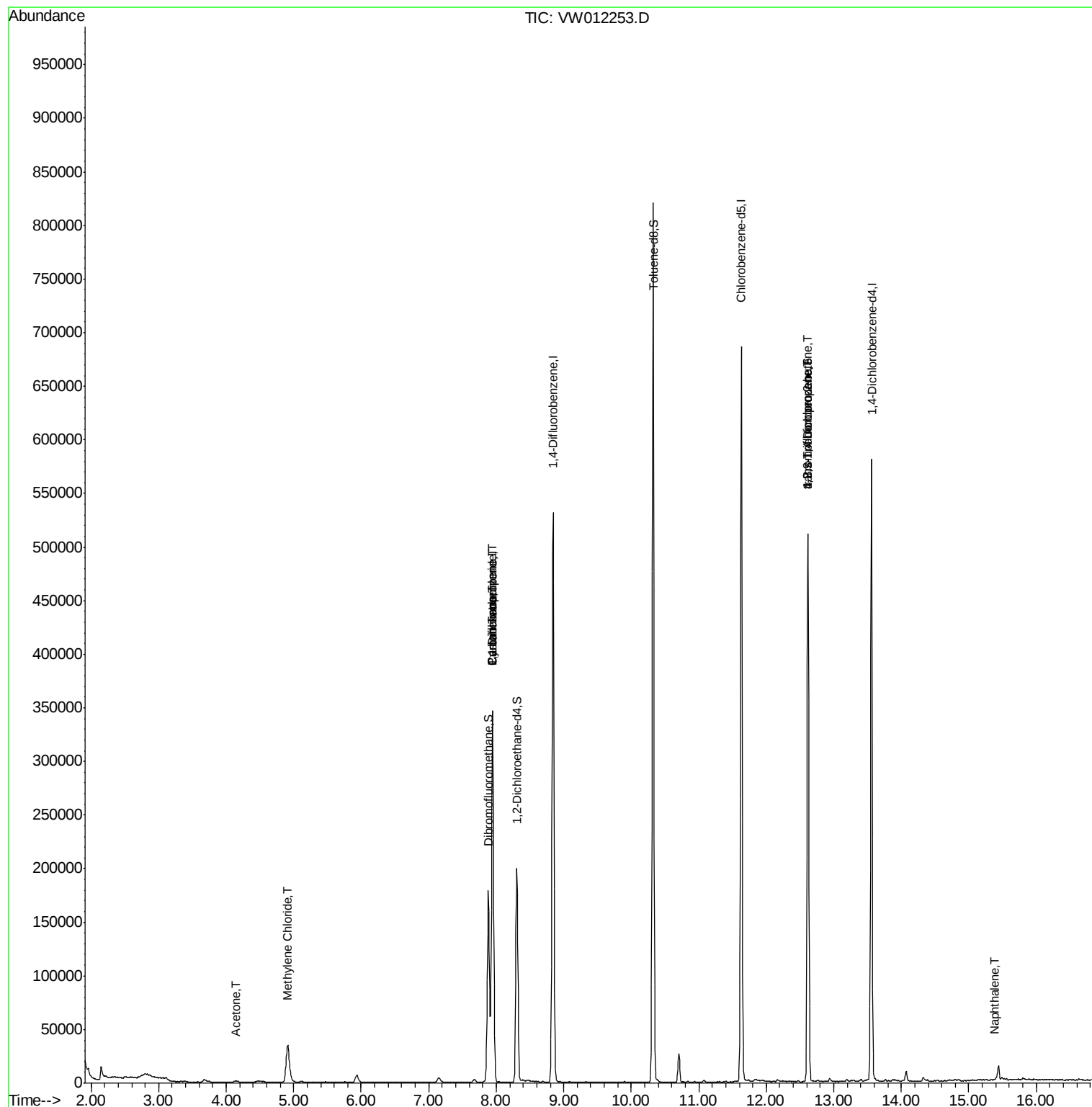
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154163	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
35) Dibromofluoromethane	7.88	113	125997	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.32	98	516252	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.62	95	169908	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	2943	3.778	ug/l #	84
20) Methylene Chloride	4.91	84	26368	8.953	ug/l	97
31) Cyclohexane	7.94	56	6341	1.155	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21873	4.974	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25700	6.752	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	89858	62.935	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89858	137.988	ug/l #	6
95) Naphthalene	15.38	128	543	4.411	ug/l #	86

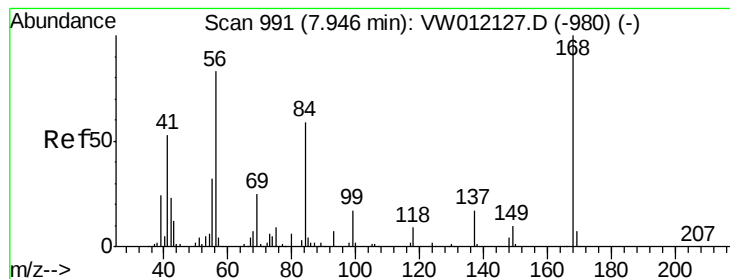
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012253.D

Acq: 28 Aug 2019 14:49

Instrument :

MSVOA_W

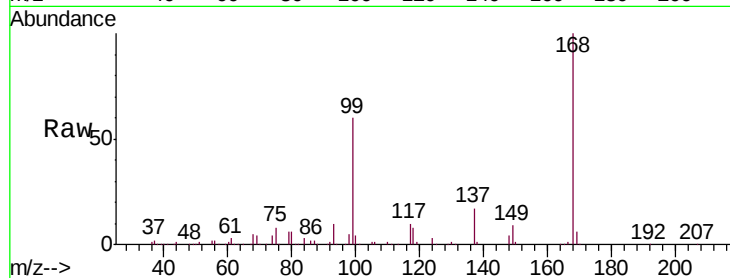
ClientSampleId :

Tot Ion:168 Resp: 256380

Ion Ratio Lower Upper

168 100

99 60.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

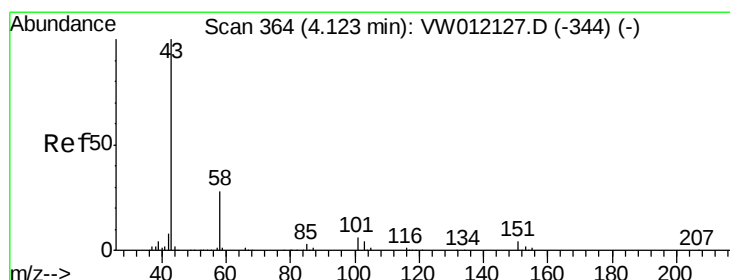
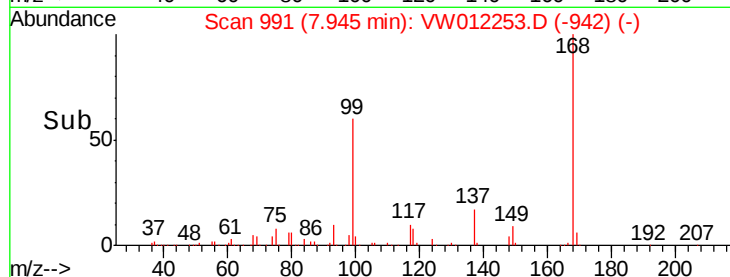
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 3.778 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW012253.D

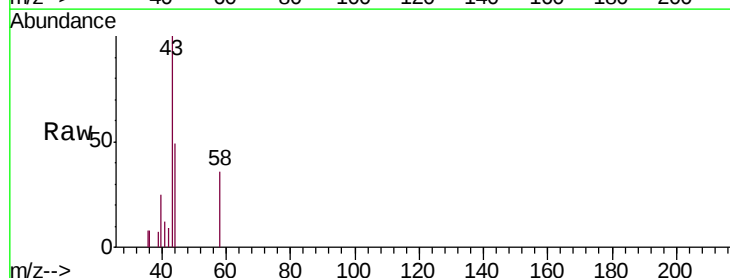
Acq: 28 Aug 2019 14:49

Tgt Ion: 43 Resp: 2943

Ion Ratio Lower Upper

43 100

58 36.5 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

1000

800

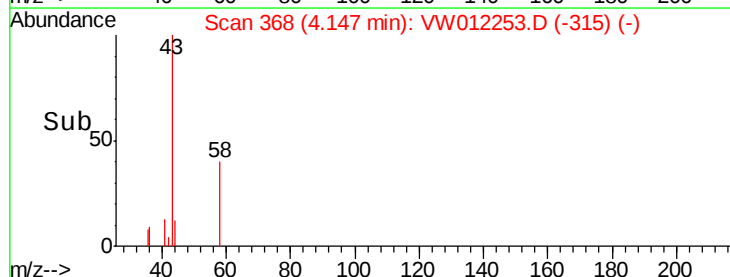
600

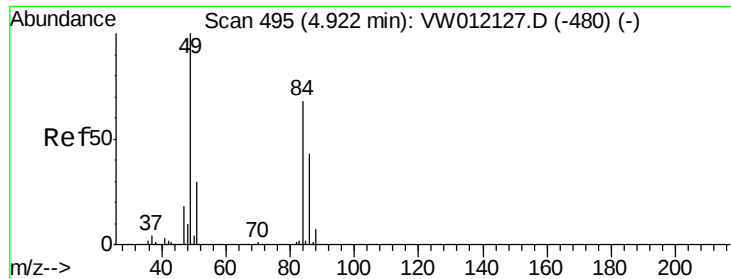
400

200

0

Time-->

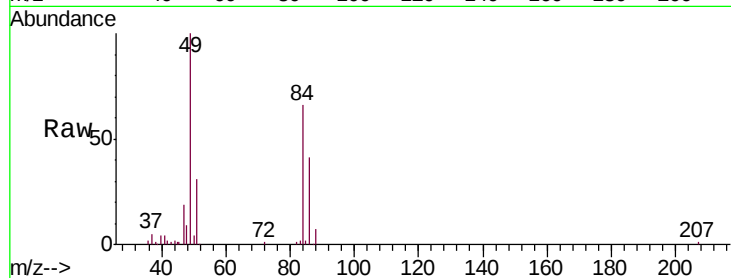




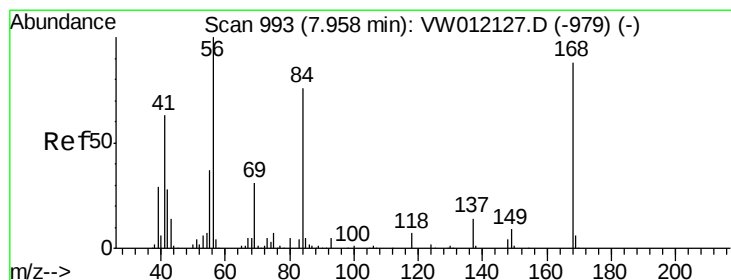
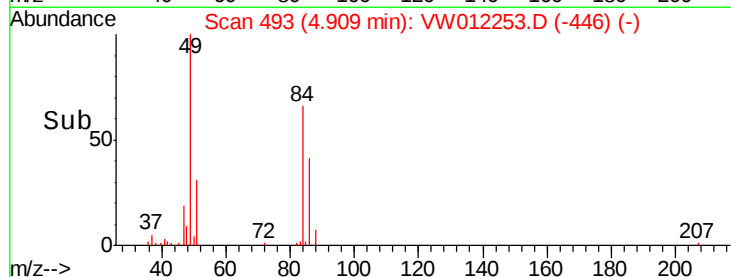
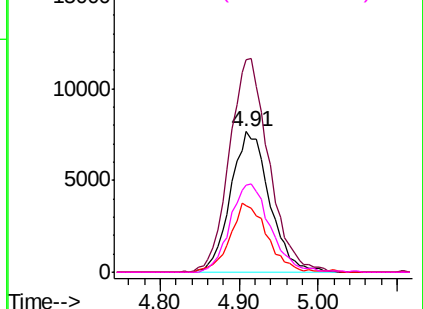
#20
Methylene Chloride
Concen: 8.953 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012253.D
Acq: 28 Aug 2019 14:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 26368
Ion Ratio Lower Upper
84 100
49 150.9 117.8 176.8
51 47.3 35.6 53.4
86 62.2 51.2 76.8

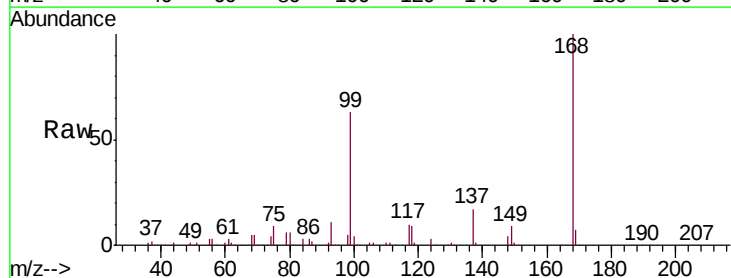


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

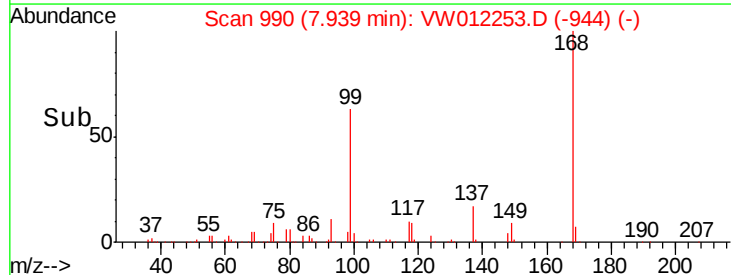
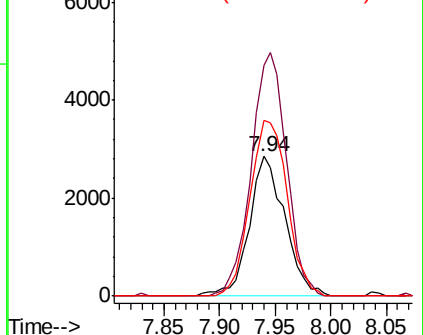


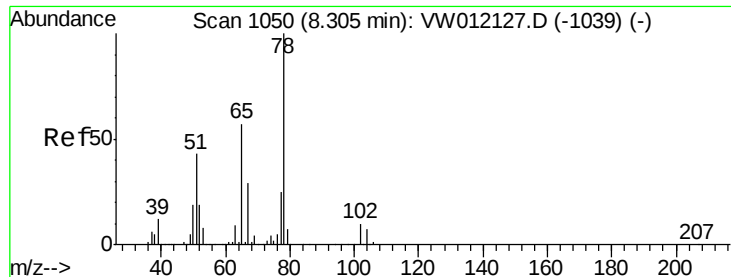
#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW012253.D
Acq: 28 Aug 2019 14:49

Tgt Ion: 56 Resp: 6341
Ion Ratio Lower Upper
56 100
69 165.3 24.9 37.3#
84 126.0 60.6 90.8#



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: 50.583 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012253.D

Acq: 28 Aug 2019 14:49

Instrument :

MSVOA_W

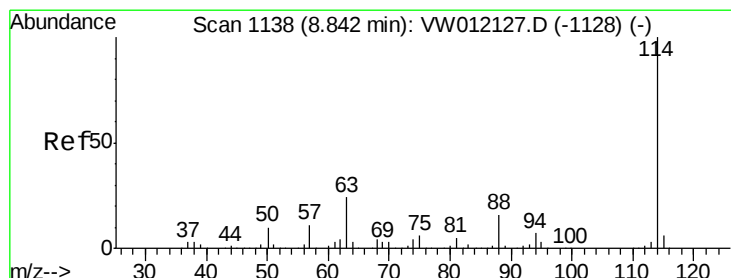
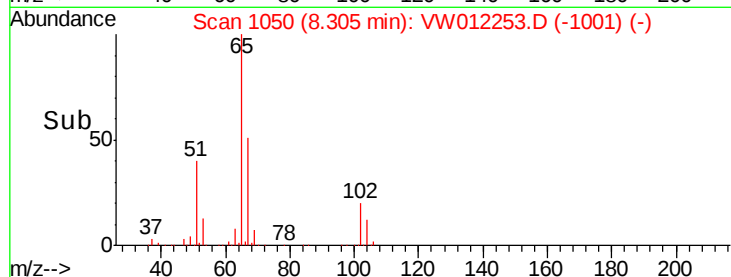
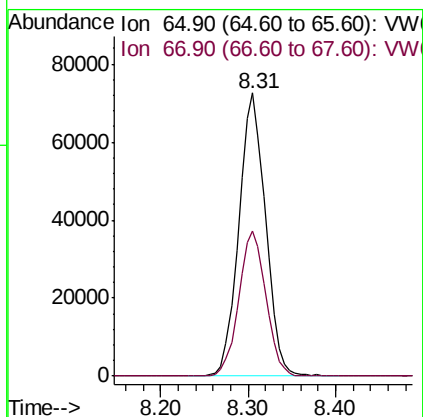
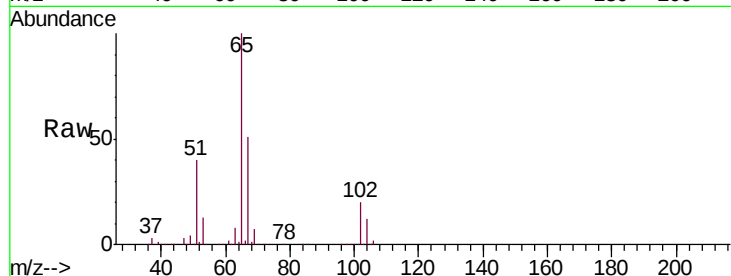
ClientSampleId :

Tot Ion: 65 Resp: 154163

Ion Ratio Lower Upper

65 100

67 52.0 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: VW012253.D

Acq: 28 Aug 2019 14:49

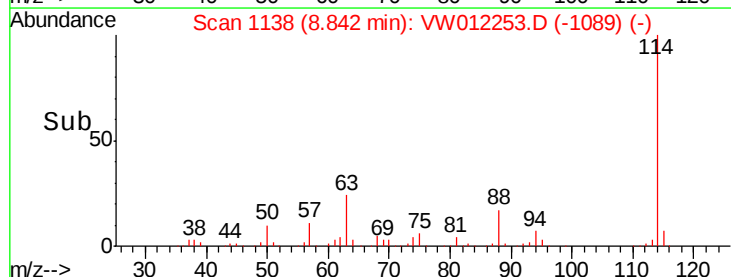
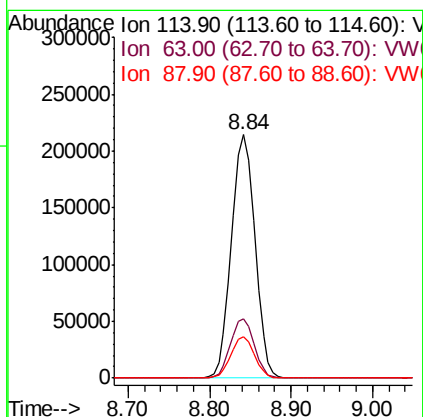
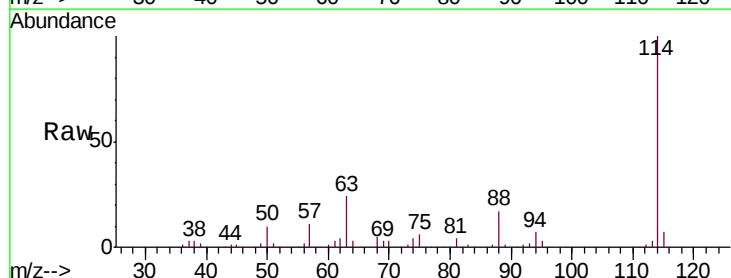
Tgt Ion: 114 Resp: 425549

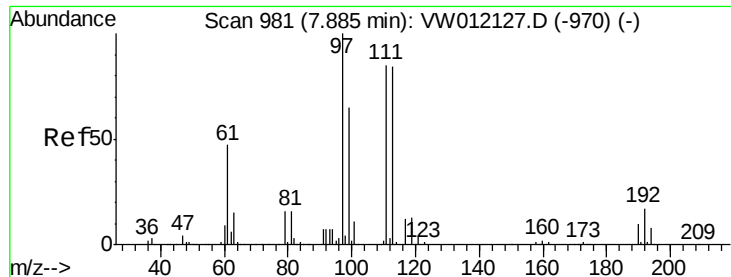
Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.6

88 16.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.603 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012253.D

Acq: 28 Aug 2019 14:49

Instrument :
MSVOA_W
ClientSampleId :

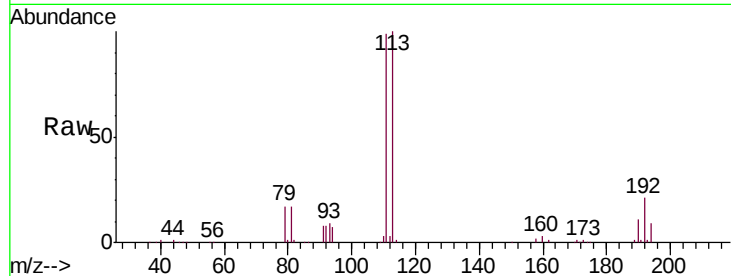
Tot Ion:113 Resp: 125997

Ion Ratio Lower Upper

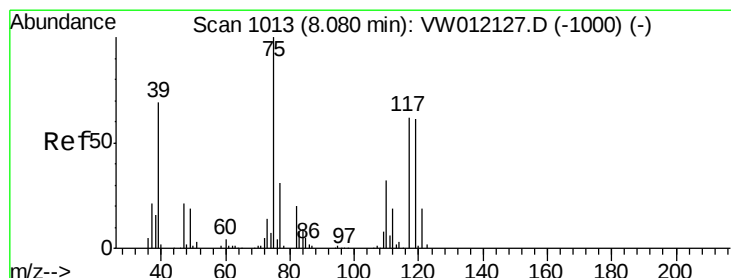
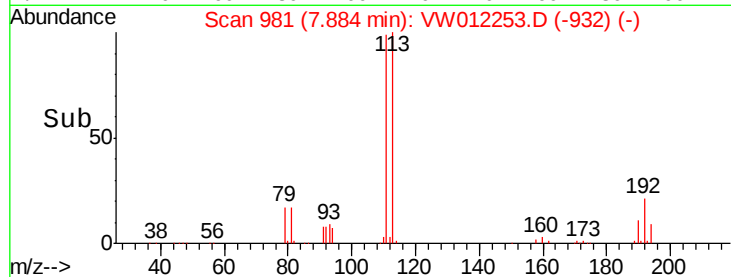
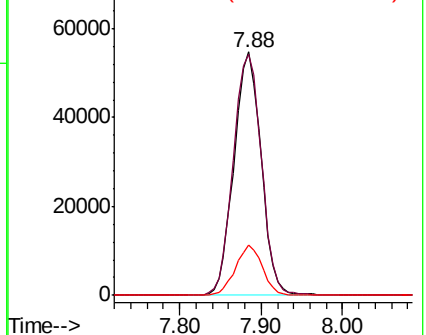
113 100

111 102.8 82.7 124.1

192 20.3 16.2 24.2



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: 4.974 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012253.D

Acq: 28 Aug 2019 14:49

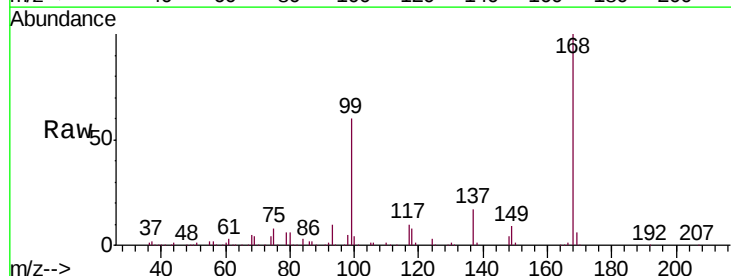
Tgt Ion: 75 Resp: 21873

Ion Ratio Lower Upper

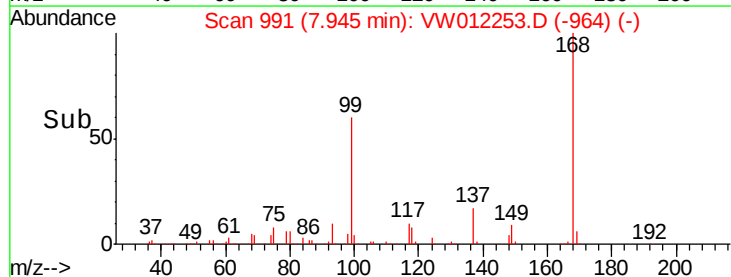
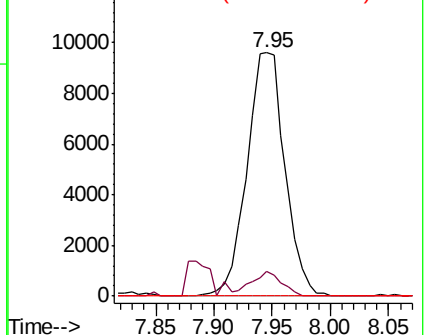
75 100

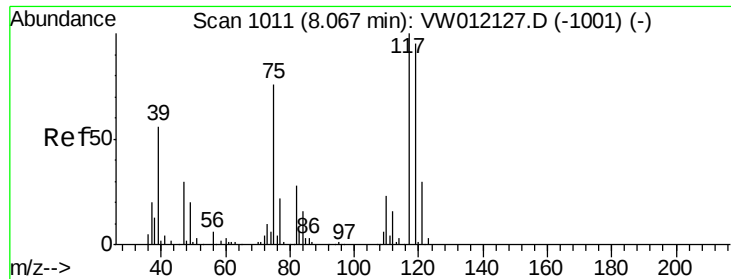
110 8.1 15.6 46.8#

77 0.0 24.6 36.8#



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

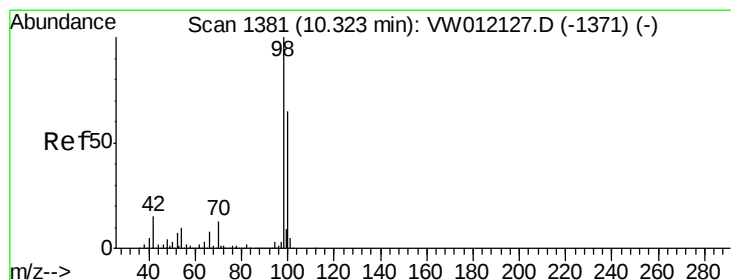
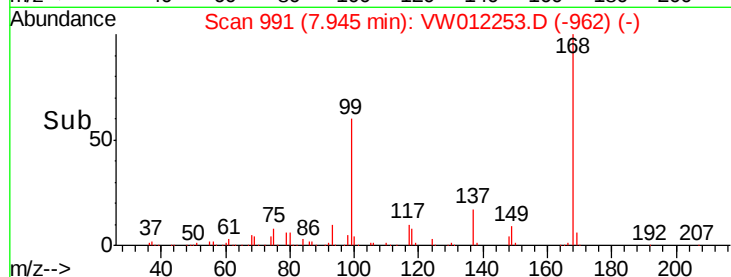
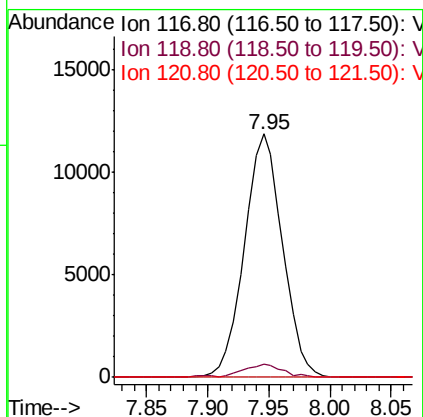
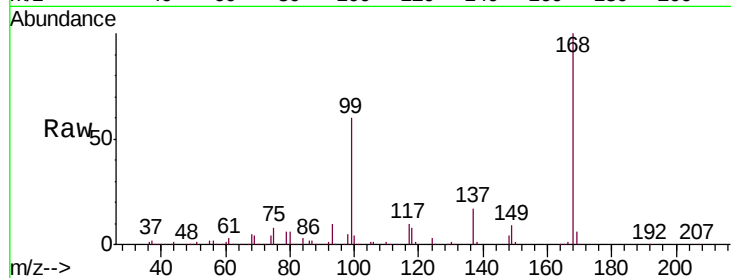




#38
Carbon Tetrachloride
Concen: 6.752 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012253.D
Acq: 28 Aug 2019 14:49

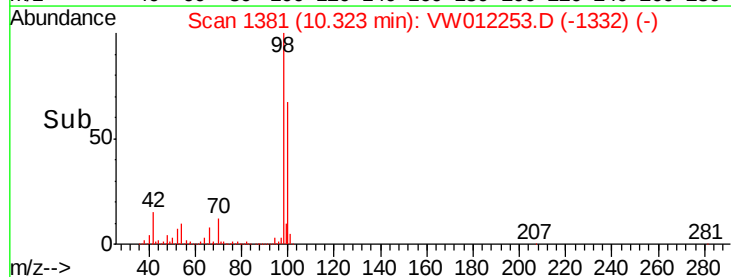
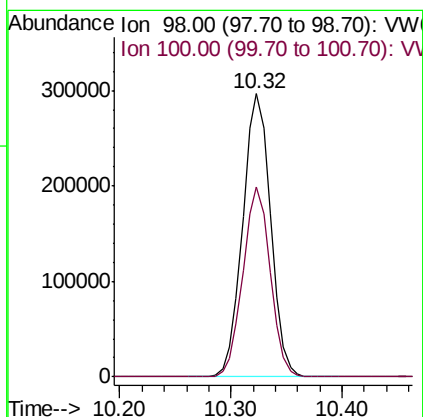
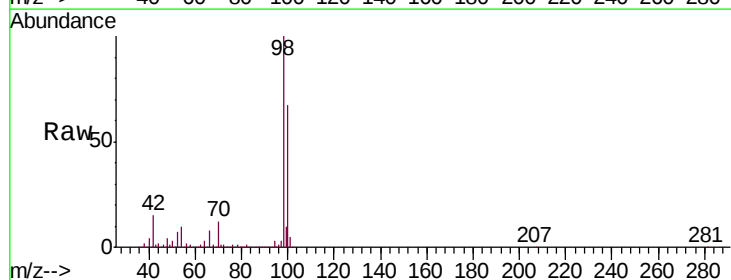
Instrument :
MSVOA_W
ClientSampleId :

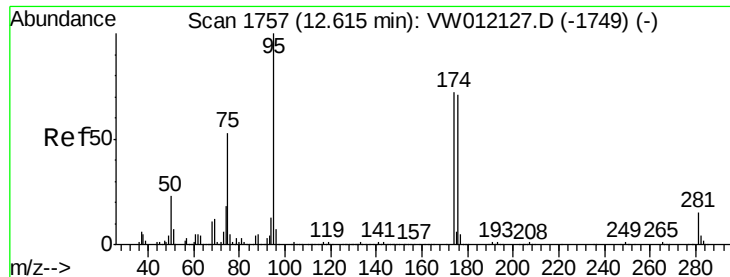
Tot Ion:117 Resp: 25700
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 50.124 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012253.D
Acq: 28 Aug 2019 14:49

Tgt Ion: 98 Resp: 516252
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

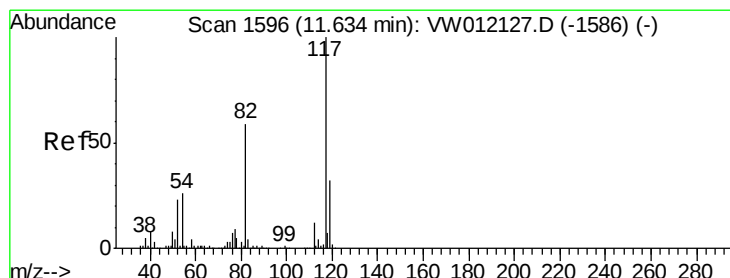
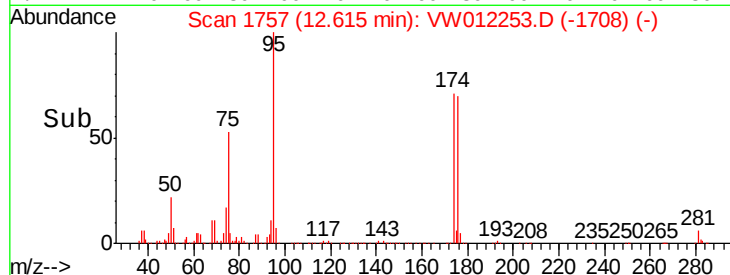
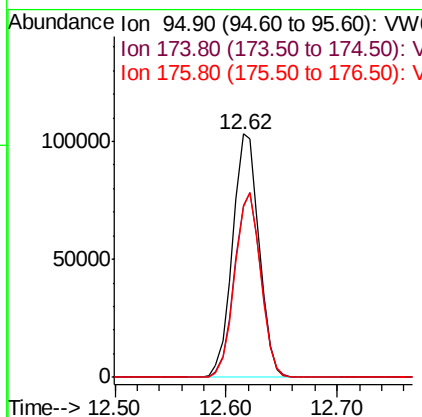
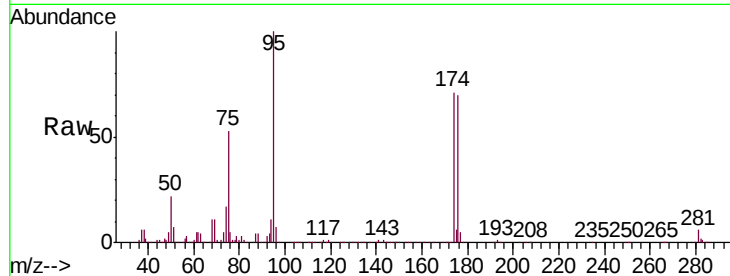




#62
4-Bromofluorobenzene
Concen: 46.800 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012253.D
Acq: 28 Aug 2019 14:49

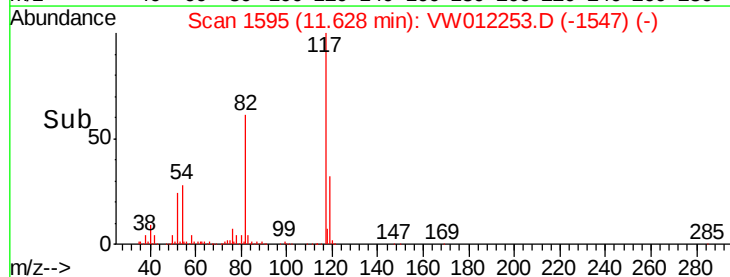
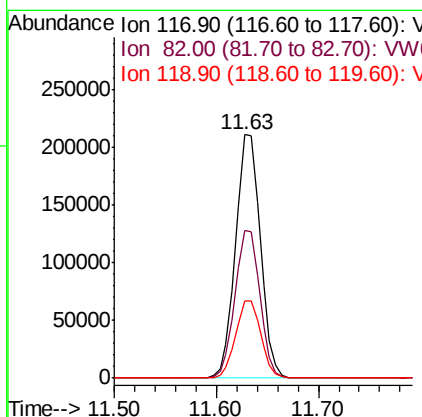
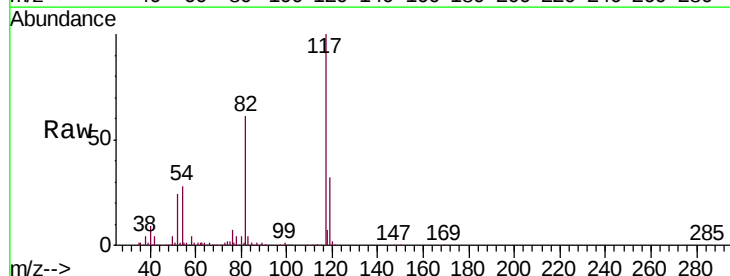
Instrument :
MSVOA_W
ClientSampleId :

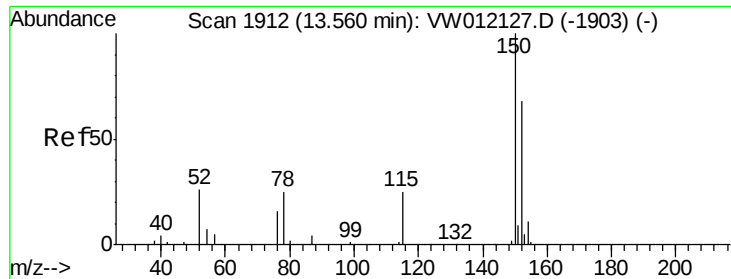
Tot Ion	95	Resp	169908
Ion Ratio	Lower	Upper	
95	100		
174	75.5	0.0	150.8
176	74.0	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012253.D
Acq: 28 Aug 2019 14:49

Tgt Ion	117	Resp	353640
Ion Ratio	Lower	Upper	
117	100		
82	60.6	47.4	71.2
119	31.5	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: VW012253.D

Acq: 28 Aug 2019 14:49

Instrument :

MSVOA_W

ClientSampleId :

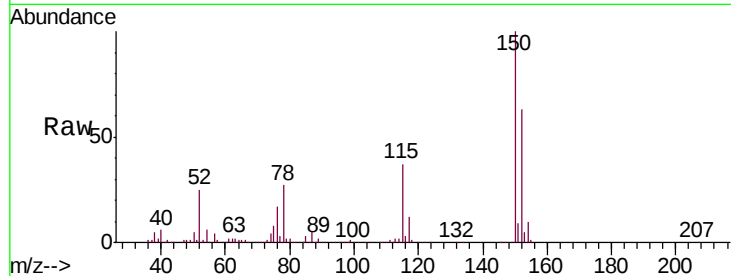
Tot Ion:152 Resp: 146600

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.3

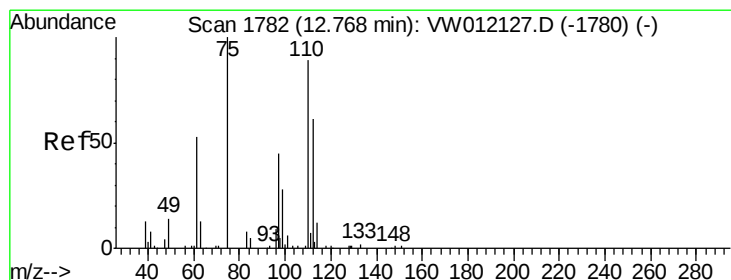
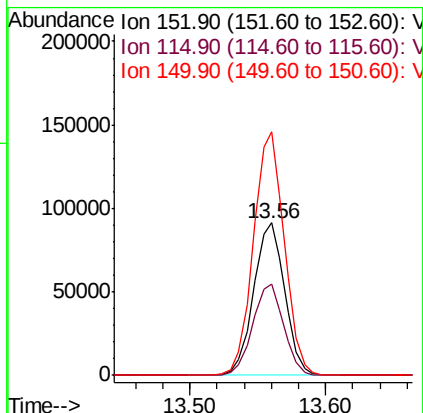
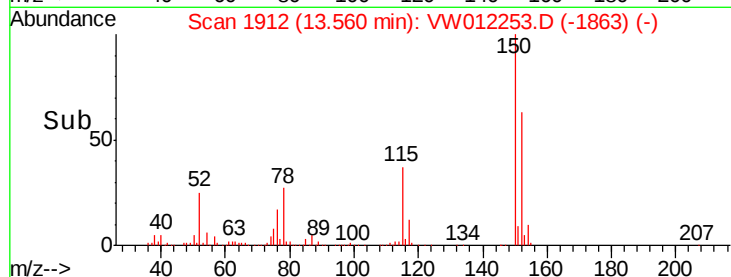
150 158.3 0.0 345.8



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: 62.935 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012253.D

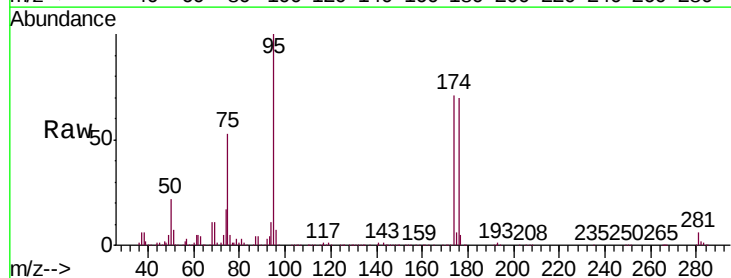
Acq: 28 Aug 2019 14:49

Tgt Ion: 75 Resp: 89858

Ion Ratio Lower Upper

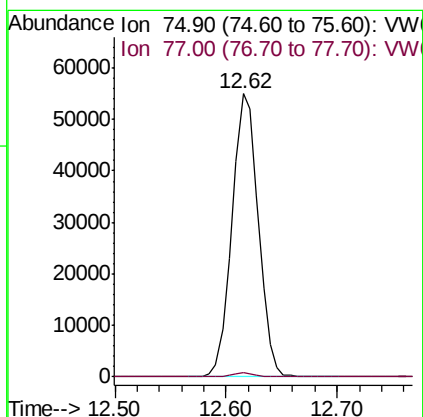
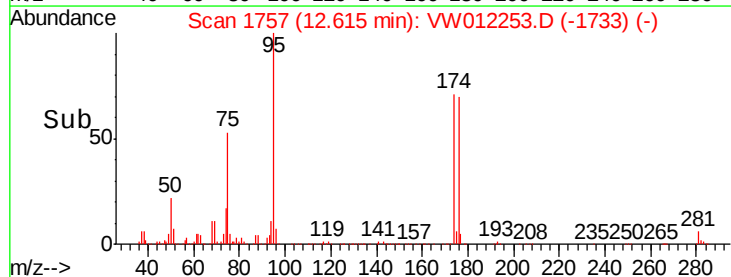
75 100

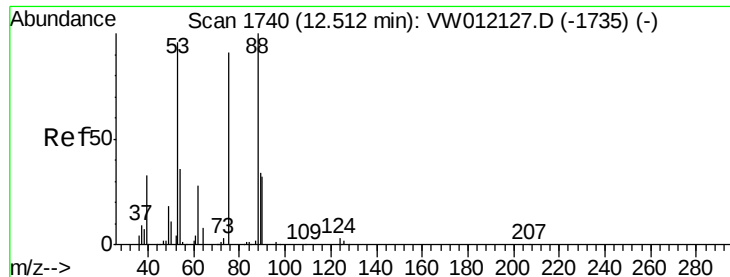
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

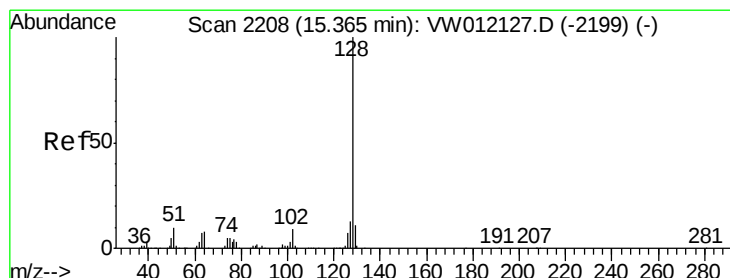
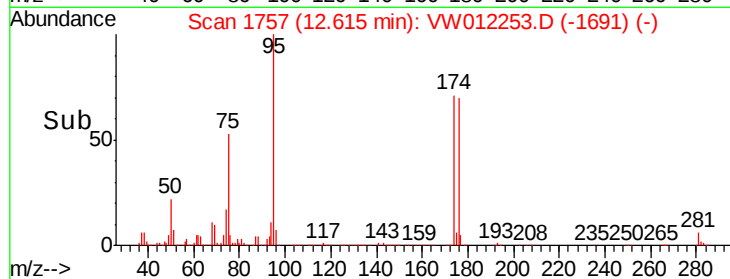
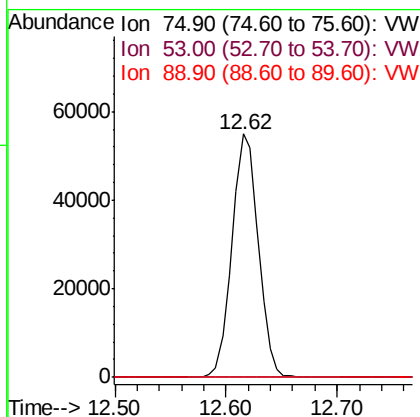
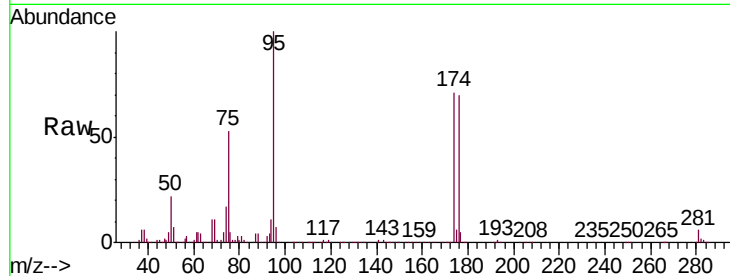




#81
trans-1,4-Dichloro-2-butene
Concen: 137.988 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012253.D
Acq: 28 Aug 2019 14:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 89858
Ion Ratio Lower Upper
75 100
53 0.0 89.4 134.0#
89 0.1 34.5 51.7#



#95
Naphthalene
Concen: 4.411 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW012253.D
Acq: 28 Aug 2019 14:49

Tgt Ion: 128 Resp: 543
Ion Ratio Lower Upper
128 100
127 3.7 10.7 16.1#
129 11.8 8.7 13.1

