

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
 Data File : VW011784.D
 Acq On : 08 Aug 2019 22:56
 Operator : SY/VA
 Sample : K4228-01
 Misc : 4.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-I4-(1)

Quant Time: Aug 09 05:37:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128587	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138852	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
35) Dibromofluoromethane	7.88	113	108540	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
50) Toluene-d8	10.32	98	439249	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.62	95	144052	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

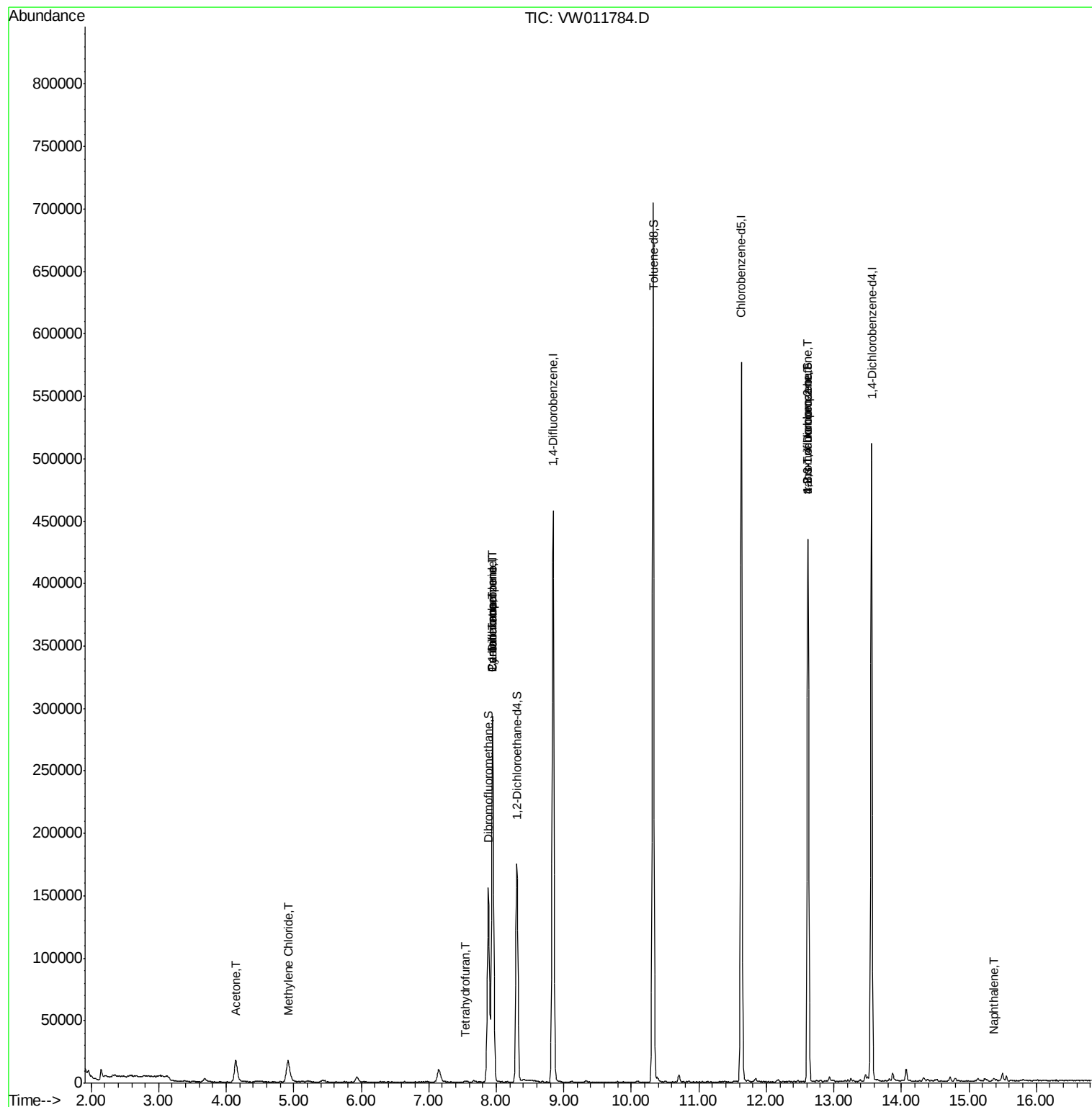
Target Compounds					Qvalue
11) Tert butyl alcohol	5.18	59	547	Below Cal	# 92
16) Acetone	4.15	43	36760	46.630	ug/l 97
20) Methylene Chloride	4.92	84	13501	4.966	ug/l 97
29) Tetrahydrofuran	7.54	42	644	1.092	ug/l # 78
31) Cyclohexane	7.94	56	5524	1.192	ug/l # 1
36) 1,1-Dichloropropene	7.95	75	18730	5.040	ug/l # 51
38) Carbon Tetrachloride	7.95	117	22001	6.916	ug/l # 17
76) 1,2,3-Trichloropropane	12.62	75	77527	56.980	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.62	75	77527	131.319	ug/l # 6
95) Naphthalene	15.36	128	1522	2.353	ug/l # 90

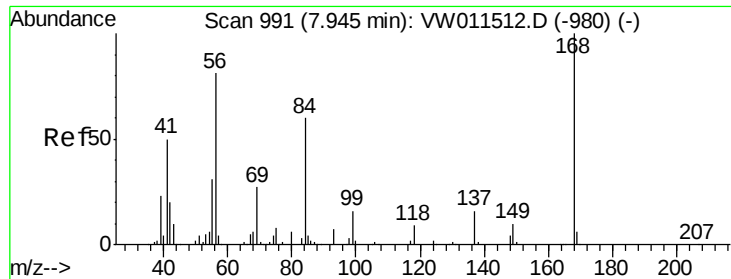
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011784.D

Acq: 08 Aug 2019 22:56

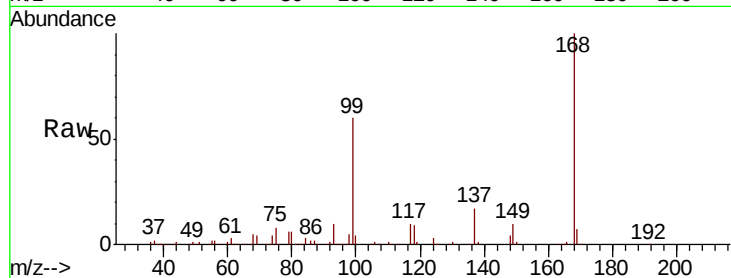
Instrument :
MSVOA_W
ClientSampled :
2S-I4-(1)

Tgt Ion: 168 Resp: 215825

Ion Ratio Lower Upper

168 100

99 59.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

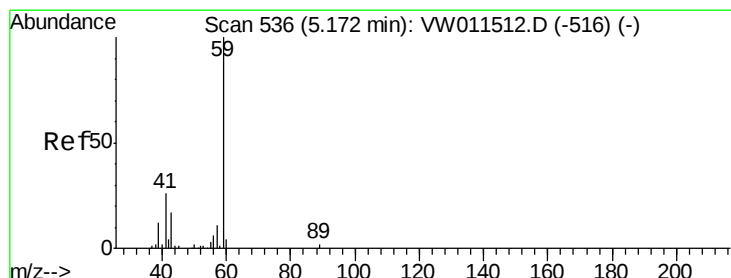
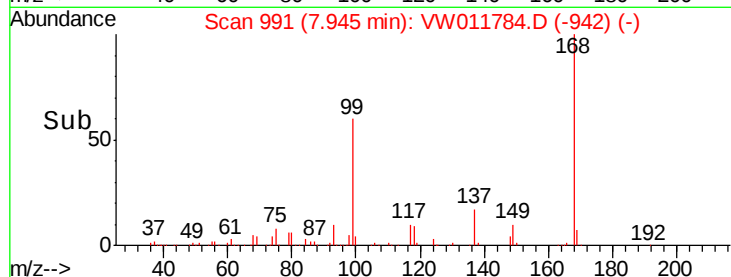
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW011784.D

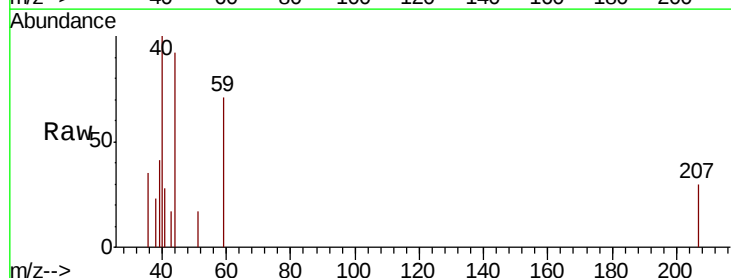
Acq: 08 Aug 2019 22:56

Tgt Ion: 59 Resp: 547

Ion Ratio Lower Upper

59 100

57 7.5 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

400

300

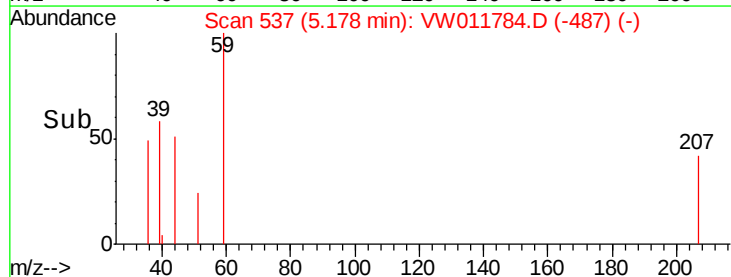
200

100

0

5.15 5.20

Time-->





#16

Acetone

Concen: 46.630 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW011784.D

Acq: 08 Aug 2019 22:56

Instrument :

MSVOA_W

ClientSampleId :

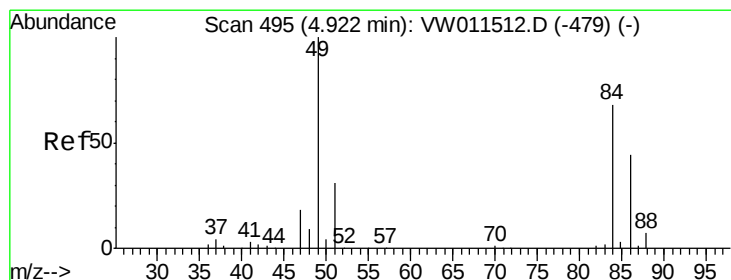
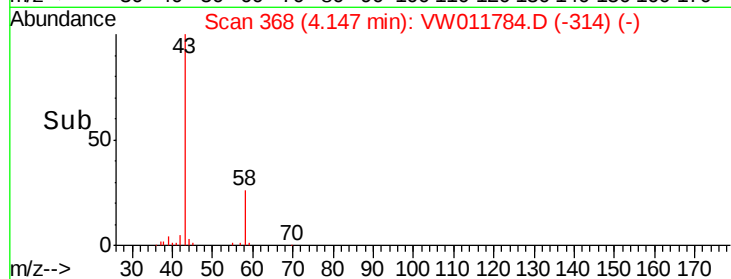
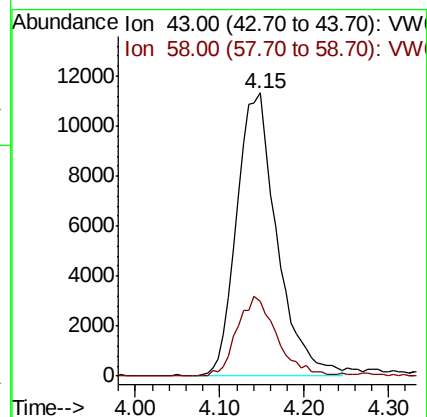
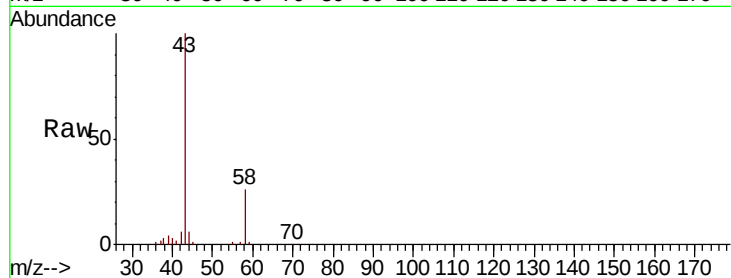
2S-I4-(1)

Tgt Ion: 43 Resp: 36760

Ion Ratio Lower Upper

43 100

58 26.4 22.3 33.5



#20

Methylene Chloride

Concen: 4.966 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011784.D

Acq: 08 Aug 2019 22:56

Tgt Ion: 84 Resp: 13501

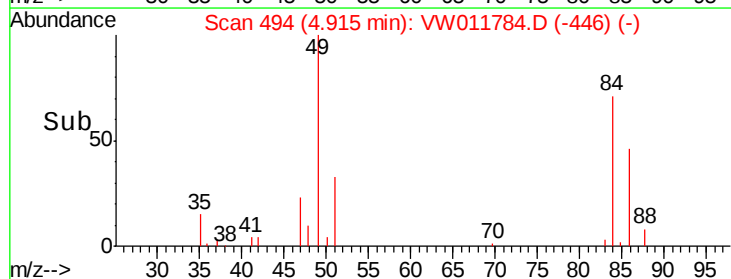
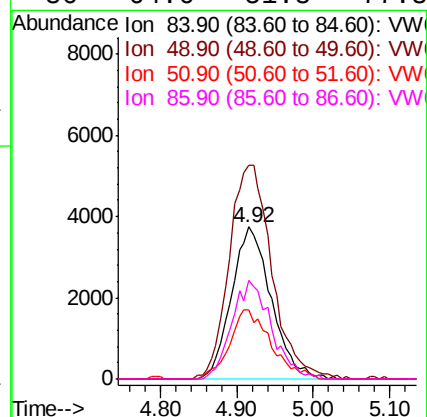
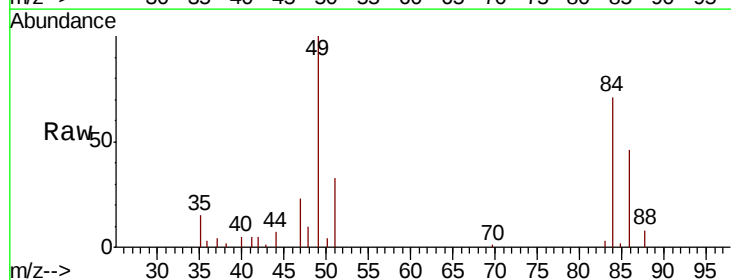
Ion Ratio Lower Upper

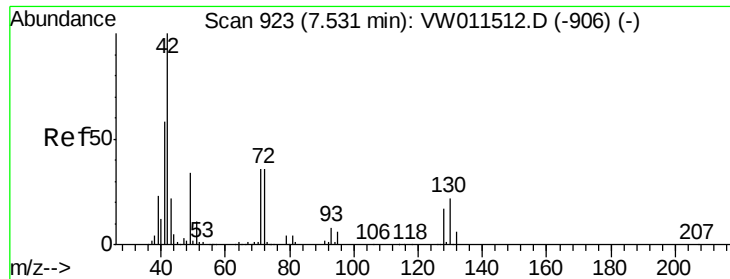
84 100

49 140.7 117.8 176.6

51 45.9 37.0 55.4

86 64.6 51.8 77.8

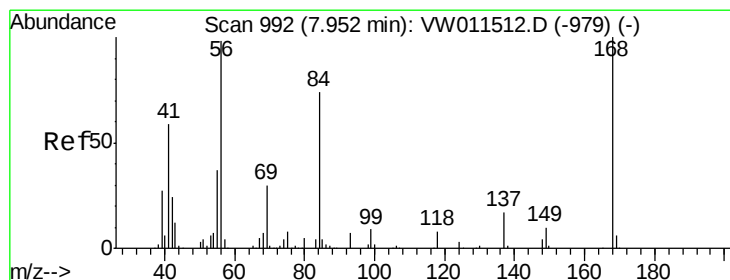
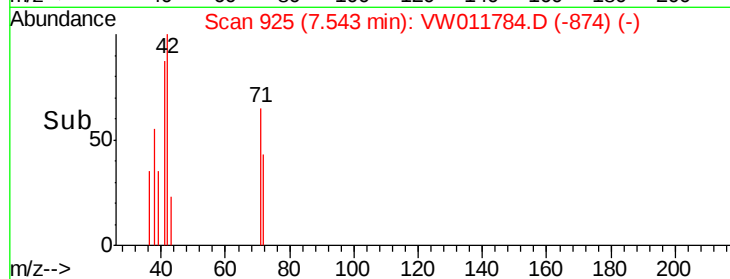
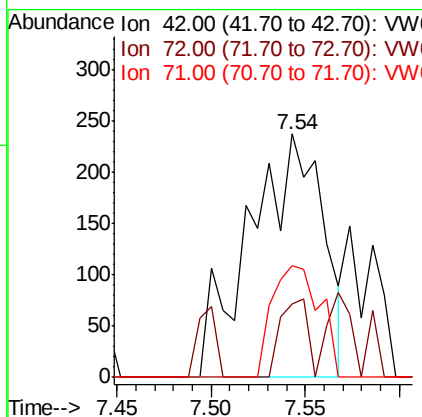
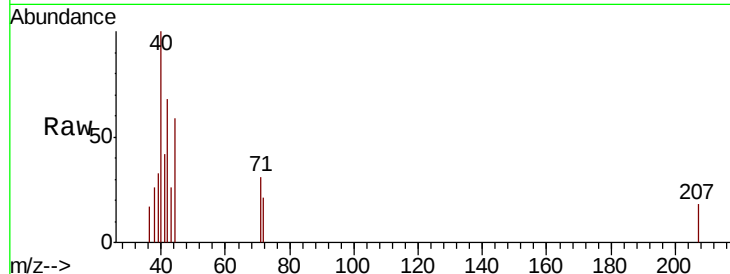




#29
Tetrahydrofuran
Concen: 1.092 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW011784.D
Acq: 08 Aug 2019 22:56

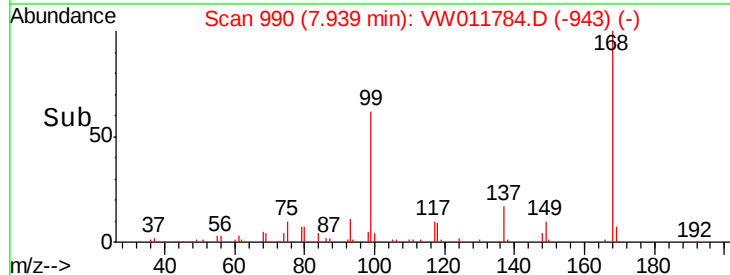
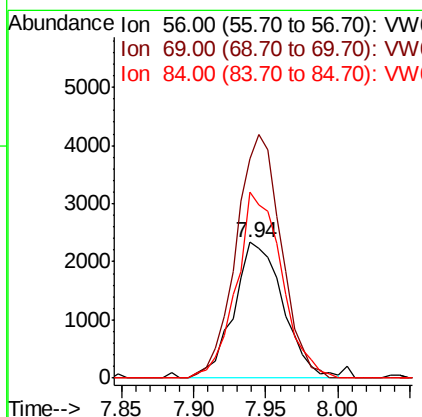
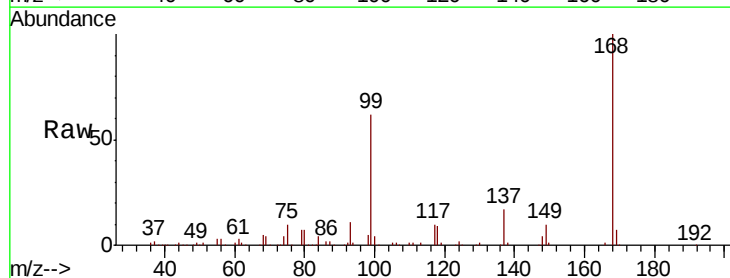
Instrument :
MSVOA_W
ClientSampled :
2S-I4-(1)

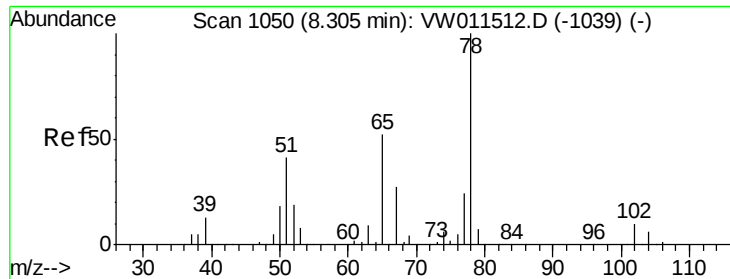
Tgt Ion: 42 Resp: 644
Ion Ratio Lower Upper
42 100
72 11.8 27.1 40.7#
71 29.8 26.2 39.4



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011784.D
Acq: 08 Aug 2019 22:56

Tgt Ion: 56 Resp: 5524
Ion Ratio Lower Upper
56 100
69 161.4 24.3 36.5#
84 137.3 60.4 90.6#

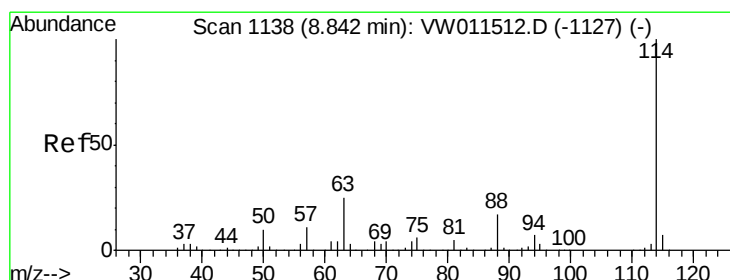
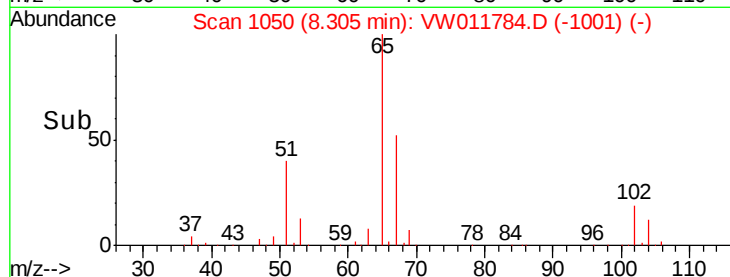
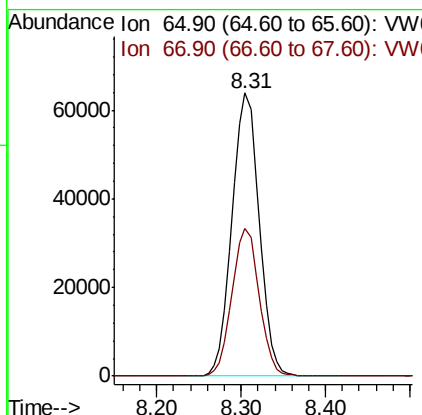
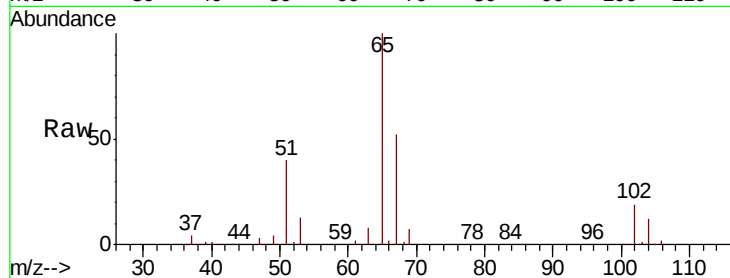




#33
 1,2-Dichloroethane-d4
 Concen: 56.028 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011784.D
 Acq: 08 Aug 2019 22:56

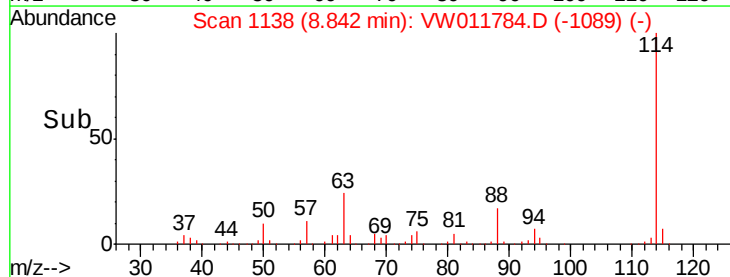
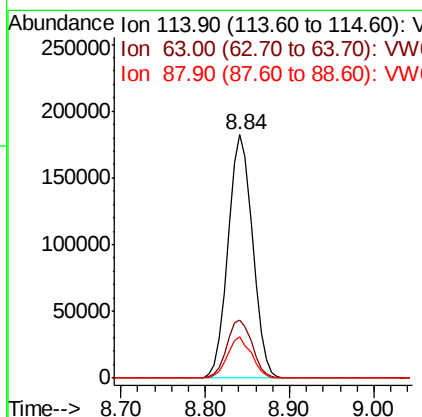
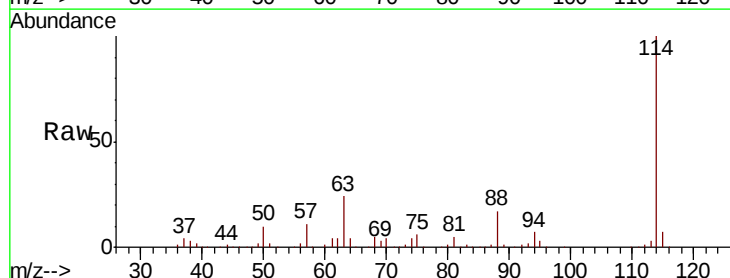
Instrument :
 MSVOA_W
 ClientSampled :
 2S-I4-(1)

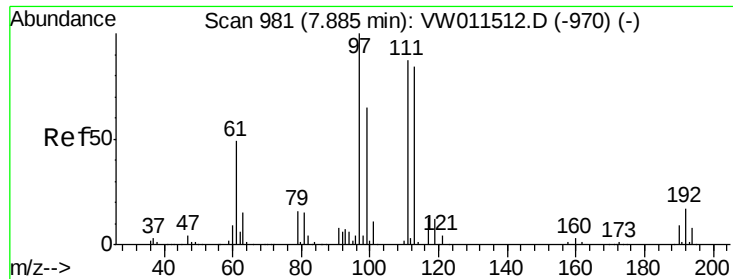
Tgt Ion: 65 Resp: 138852
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011784.D
 Acq: 08 Aug 2019 22:56

Tgt Ion: 114 Resp: 357379
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 17.3 0.0 33.8

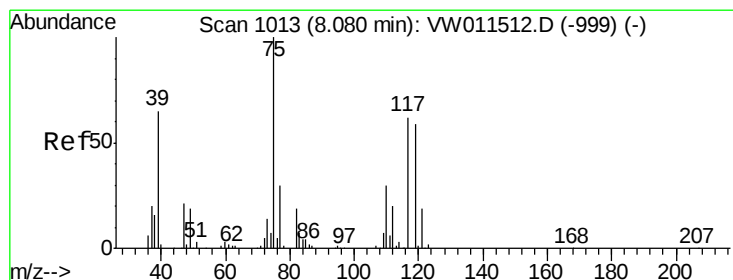
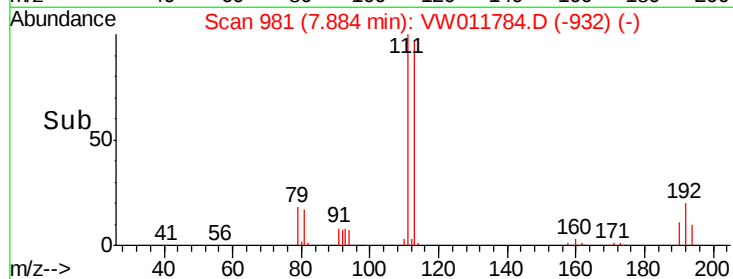
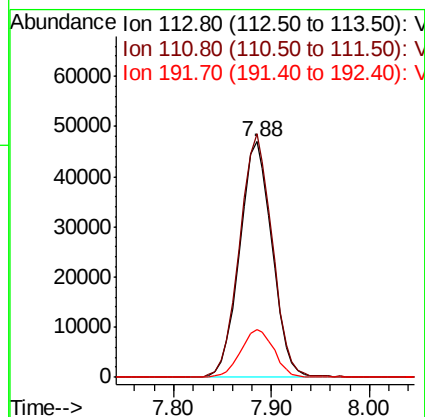
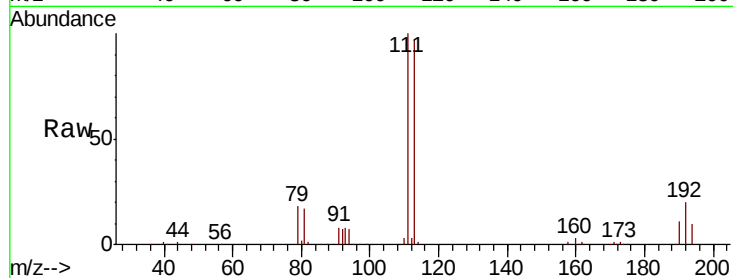




#35
 Dibromofluoromethane
 Concen: 54.136 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011784.D
 Acq: 08 Aug 2019 22:56

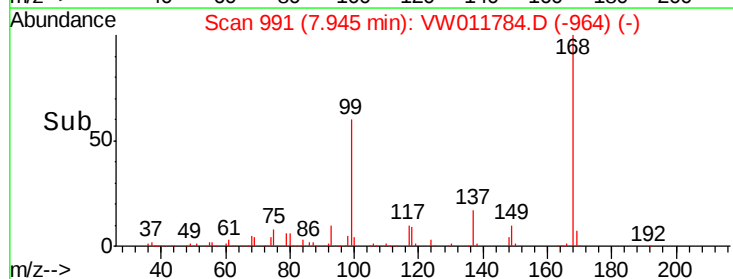
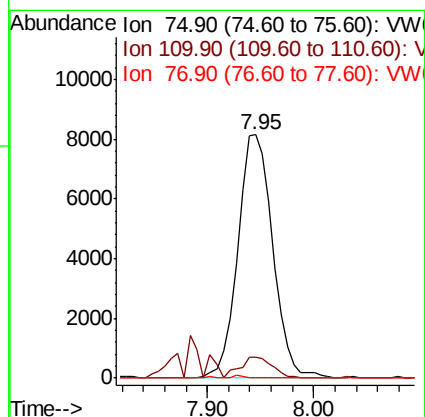
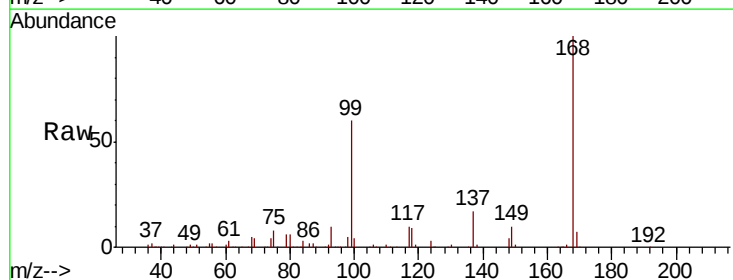
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-I4-(1)

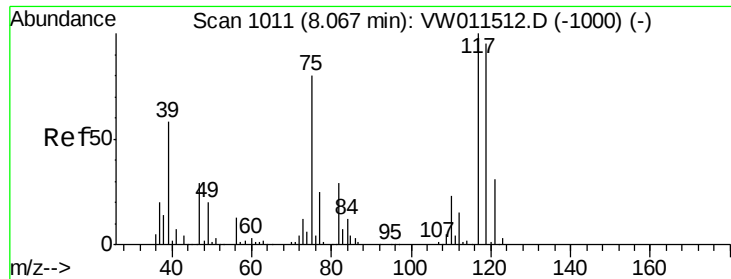
Tgt Ion:113 Resp: 108540
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.7 124.1
 192 20.6 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.040 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011784.D
 Acq: 08 Aug 2019 22:56

Tgt Ion: 75 Resp: 18730
 Ion Ratio Lower Upper
 75 100
 110 8.1 15.6 46.8#
 77 0.3 24.3 36.5#

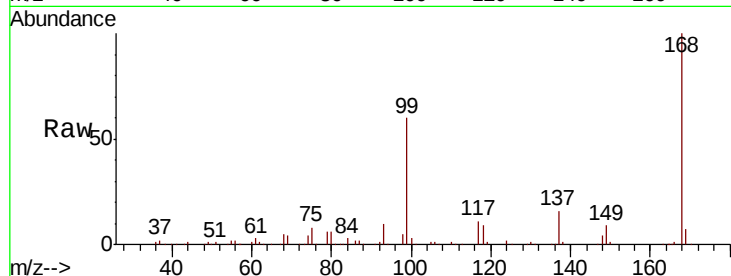




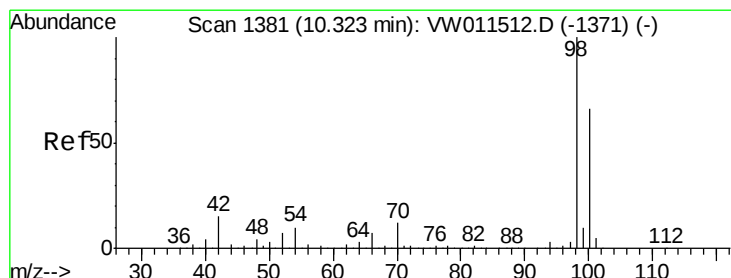
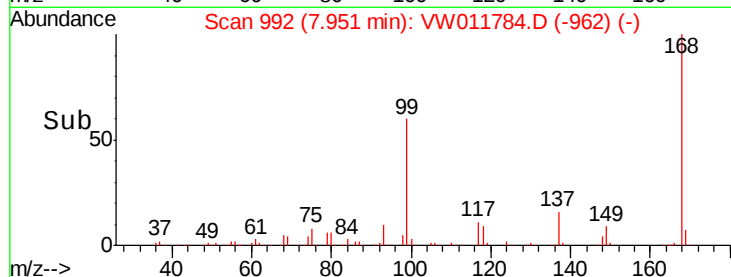
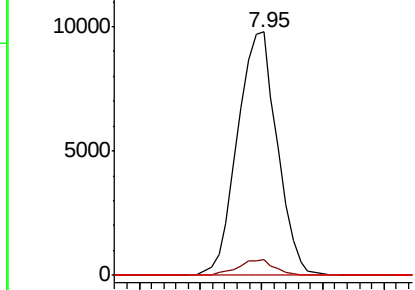
#38
Carbon Tetrachloride
Concen: 6.916 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW011784.D
Acq: 08 Aug 2019 22:56

Instrument :
MSVOA_W
ClientSampled :
2S-I4-(1)

Tgt Ion:117 Resp: 22001
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.7 37.1#

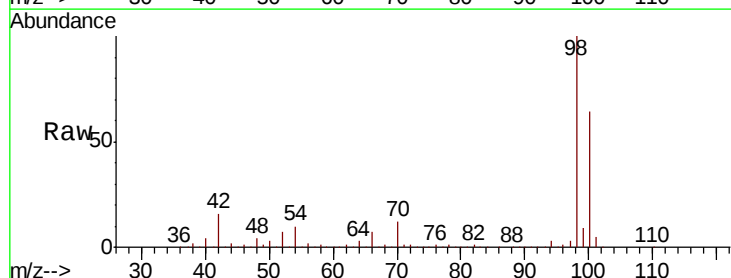


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

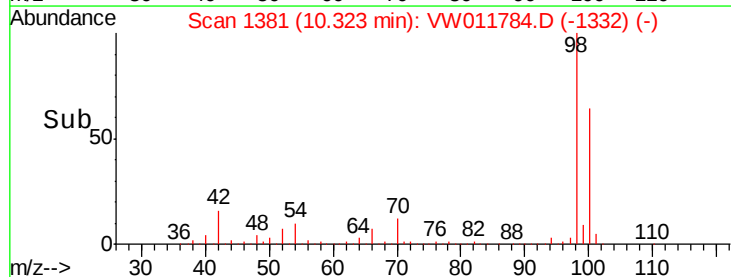
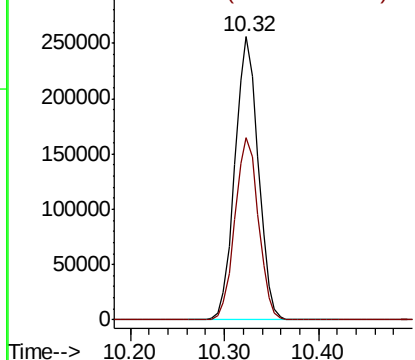


#50
Toluene-d8
Concen: 53.509 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011784.D
Acq: 08 Aug 2019 22:56

Tgt Ion: 98 Resp: 439249
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

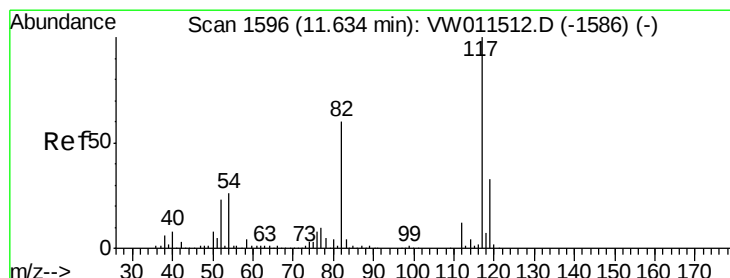
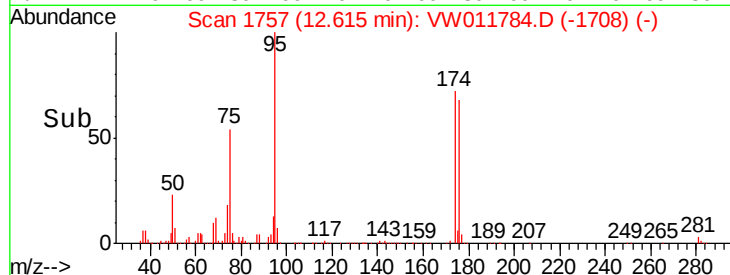
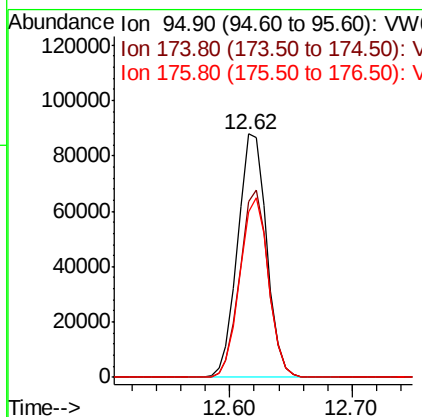
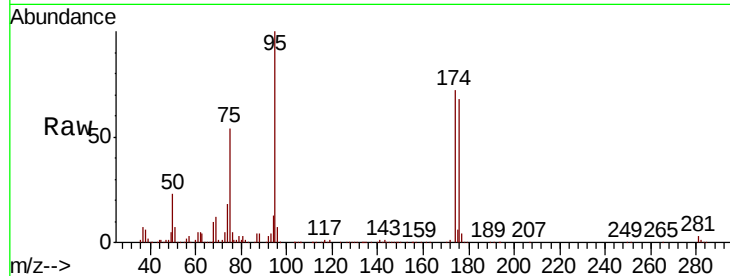




#62
4-Bromofluorobenzene
Concen: 49.221 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011784.D
Acq: 08 Aug 2019 22:56

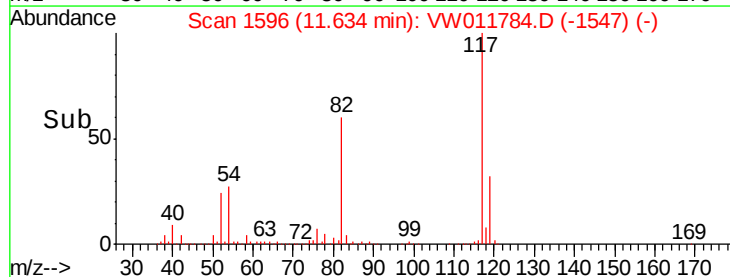
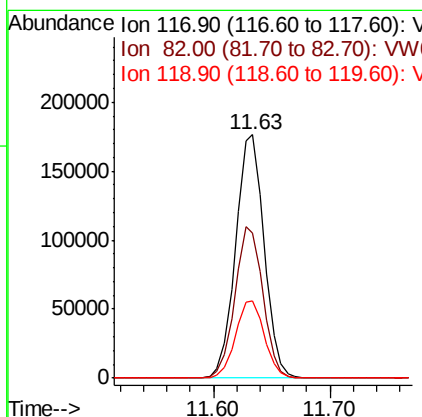
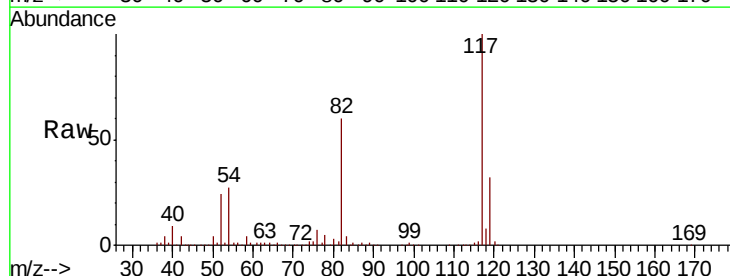
Instrument :
MSVOA_W
ClientSampleId :
2S-I4-(1)

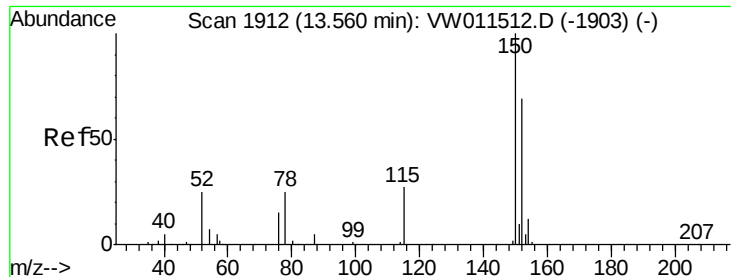
Tgt Ion: 95 Resp: 144052
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.2
176 73.3 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011784.D
Acq: 08 Aug 2019 22:56

Tgt Ion: 117 Resp: 301389
Ion Ratio Lower Upper
117 100
82 59.6 47.9 71.9
119 31.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011784.D

Acq: 08 Aug 2019 22:56

Instrument :

MSVOA_W

ClientSampleId :

2S-I4-(1)

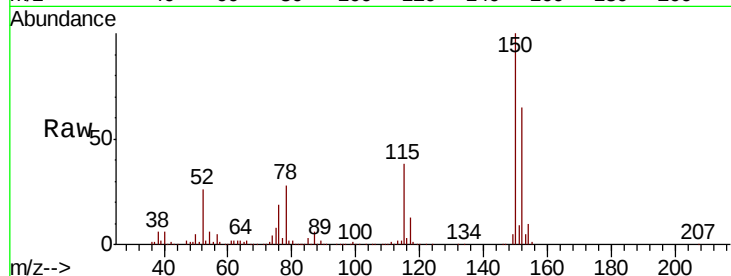
Tgt Ion:152 Resp: 128587

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

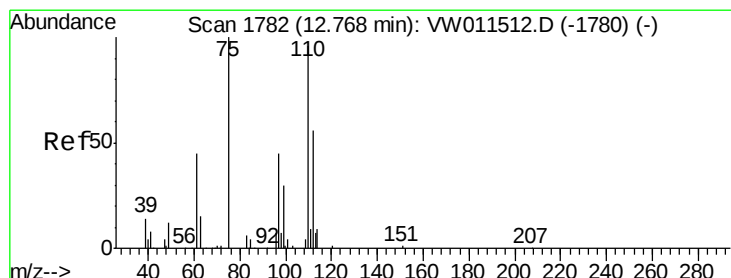
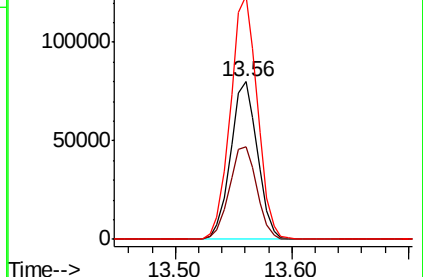
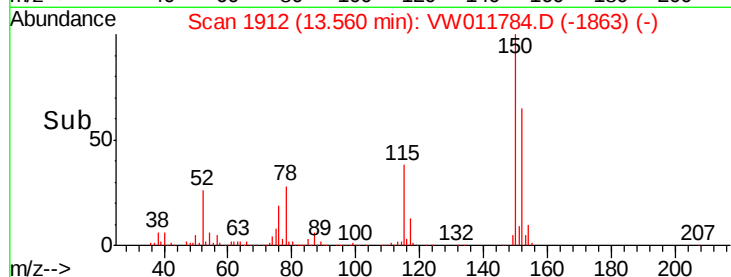
150 155.0 0.0 352.6



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: 56.980 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011784.D

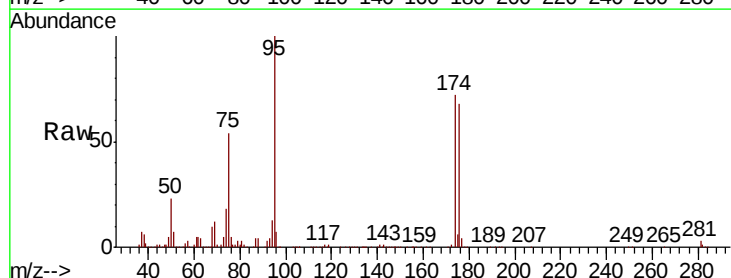
Acq: 08 Aug 2019 22:56

Tgt Ion: 75 Resp: 77527

Ion Ratio Lower Upper

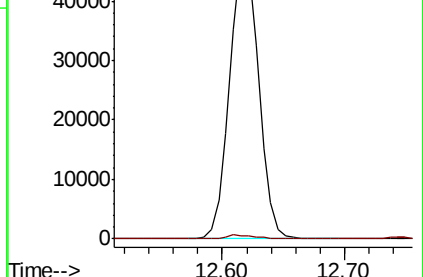
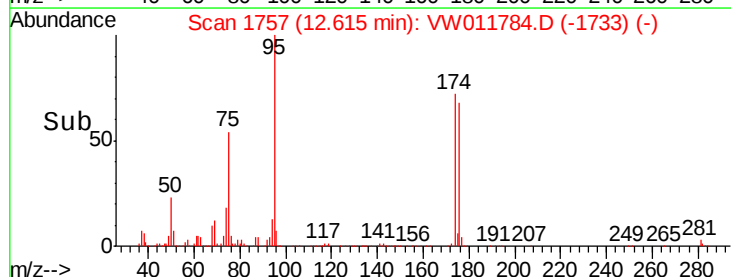
75 100

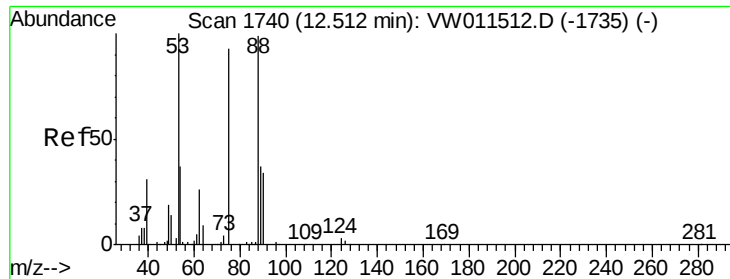
77 1.4 0.0 0.0#



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: 131.319 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011784.D

Acq: 08 Aug 2019 22:56

Instrument :

MSVOA_W

ClientSampleId :

2S-I4-(1)

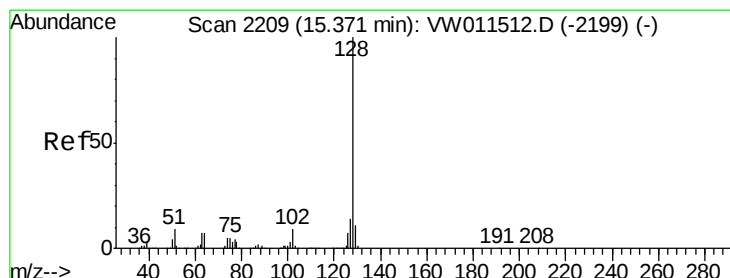
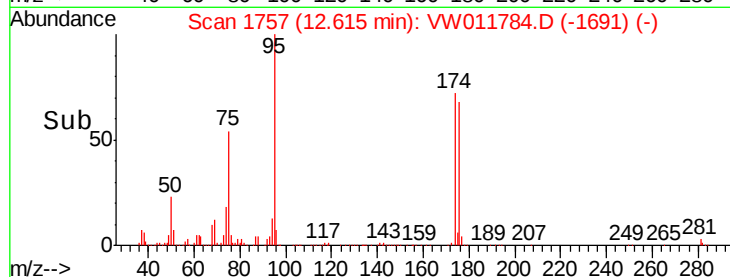
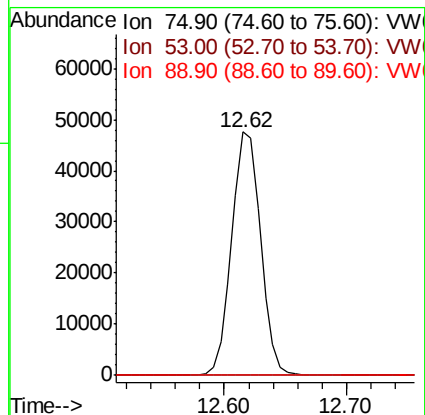
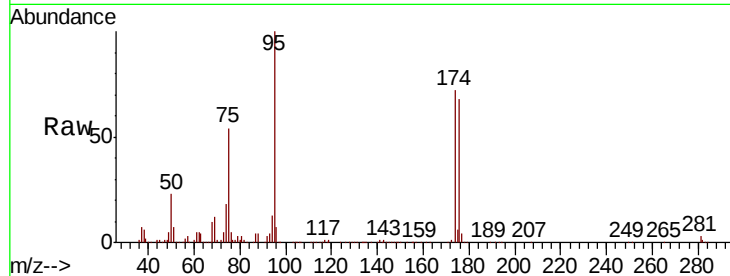
Tgt Ion: 75 Resp: 77527

Ion Ratio Lower Upper

75 100

53 0.2 88.0 132.0#

89 0.0 35.3 52.9#



#95

Naphthalene

Concen: 2.353 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011784.D

Acq: 08 Aug 2019 22:56

Tgt Ion: 128 Resp: 1522

Ion Ratio Lower Upper

128 100

127 9.5 10.6 16.0#

129 7.2 8.6 13.0#

