

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
 Data File : VW011826.D
 Acq On : 09 Aug 2019 22:09
 Operator : SY/VA
 Sample : K4227-11
 Misc : 6.38G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-P-(0)

Quant Time: Aug 11 01:30:07 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	178683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	92301	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	121179	59.06	ug/l	0.00
Spiked Amount			Recovery	=	118.12%	
35) Dibromofluoromethane	7.88	113	92036	55.44	ug/l	0.00
Spiked Amount			Recovery	=	110.88%	
50) Toluene-d8	10.32	98	363287	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	110138	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	

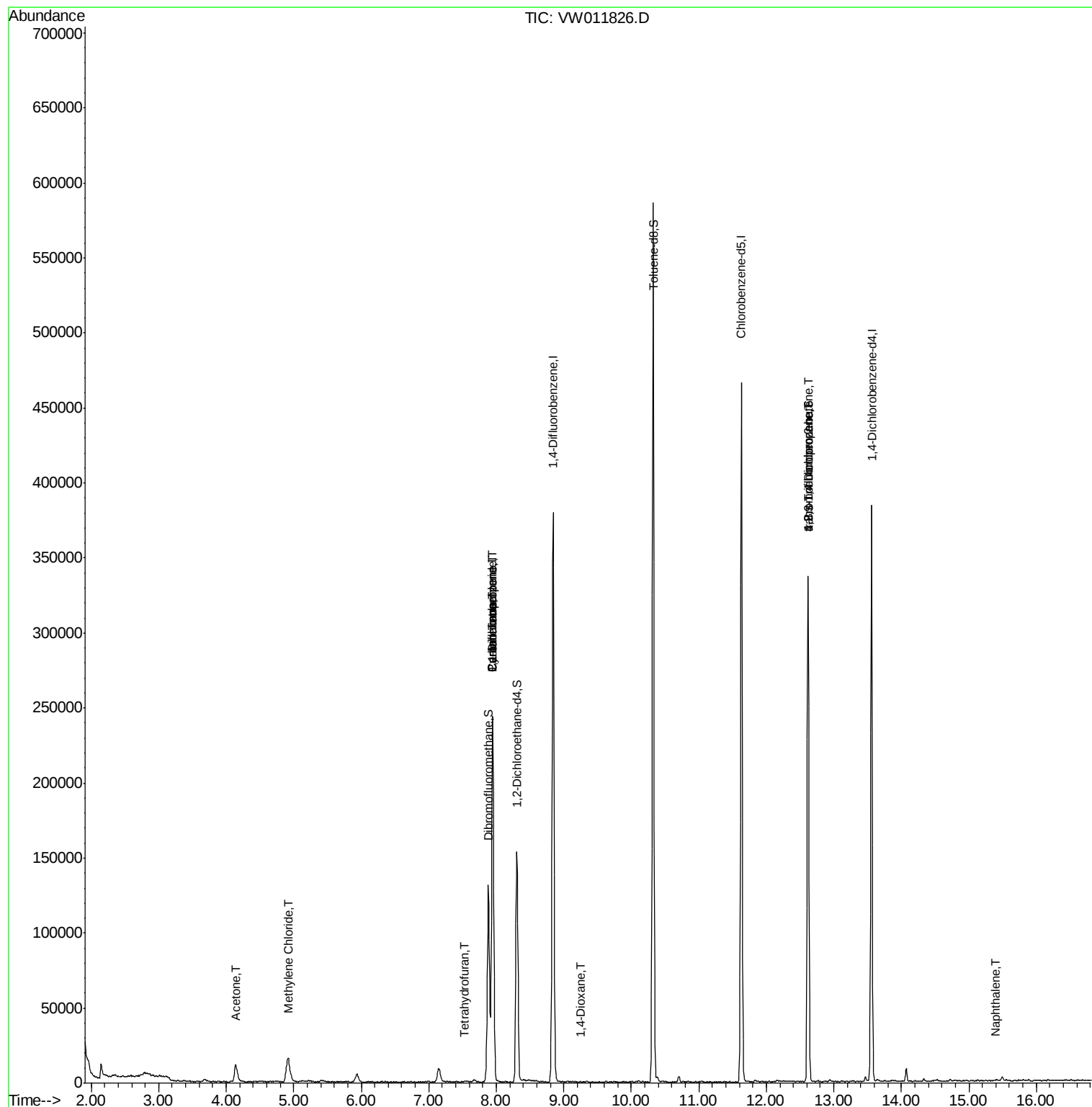
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	411	Below Cal	#	72
16) Acetone	4.14	43	24133	36.976	ug/l	98
20) Methylene Chloride	4.93	84	12770	5.673	ug/l	96
29) Tetrahydrofuran	7.53	42	733	1.502	ug/l #	67
31) Cyclohexane	7.95	56	4672	1.218	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15571	5.061	ug/l #	52
38) Carbon Tetrachloride	7.95	117	18476	7.014	ug/l #	17
49) 1,4-Dioxane	9.26	88	44	2.887	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	59494	60.916	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59494	140.391	ug/l #	6
95) Naphthalene	15.39	128	229	2.126	ug/l #	69

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

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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# 992

Delta R.T. 0.01 min

Lab File: VW011826.D

Acq: 09 Aug 2019 22:09

Instrument :

MSVOA_W

ClientSampled :

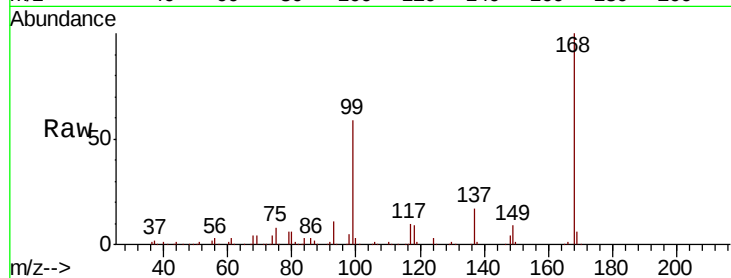
1S-P-(0)

Tgt Ion:168 Resp: 178683

Ion Ratio Lower Upper

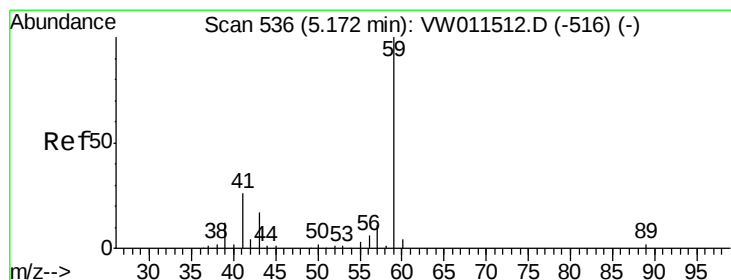
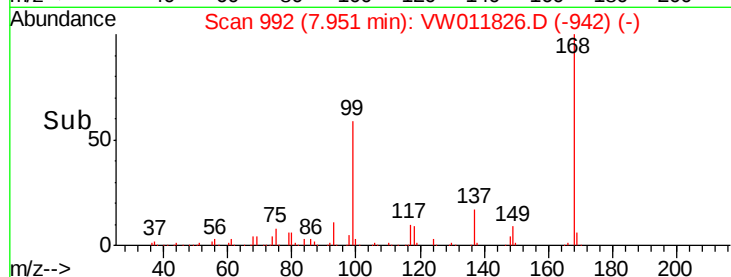
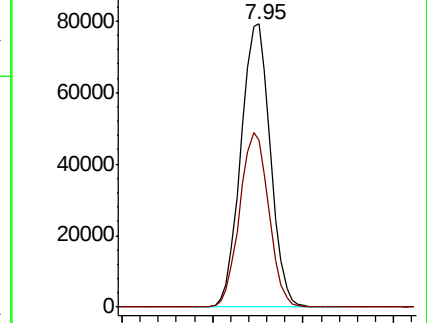
168 100

99 58.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 543

Delta R.T. 0.04 min

Lab File: VW011826.D

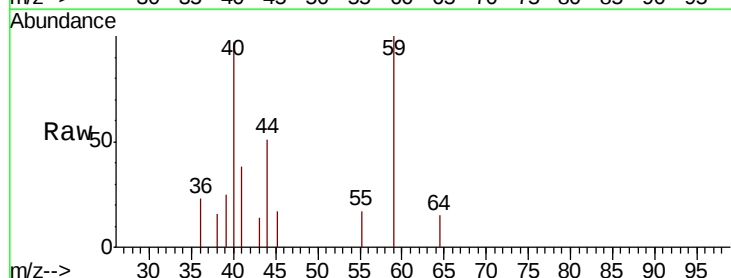
Acq: 09 Aug 2019 22:09

Tgt Ion: 59 Resp: 411

Ion Ratio Lower Upper

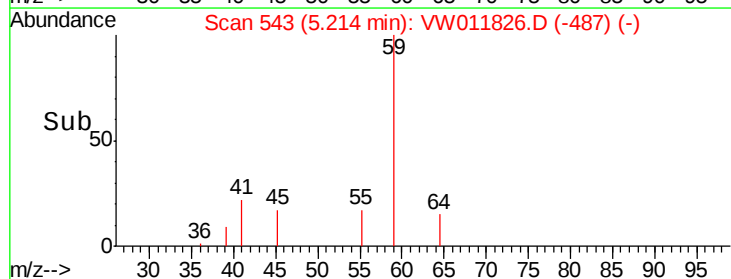
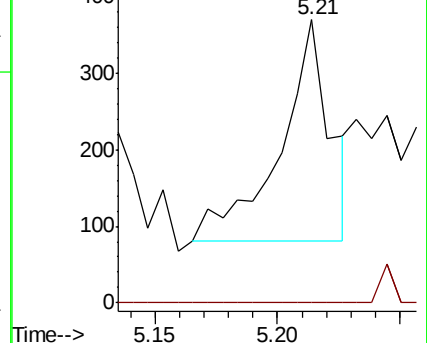
59 100

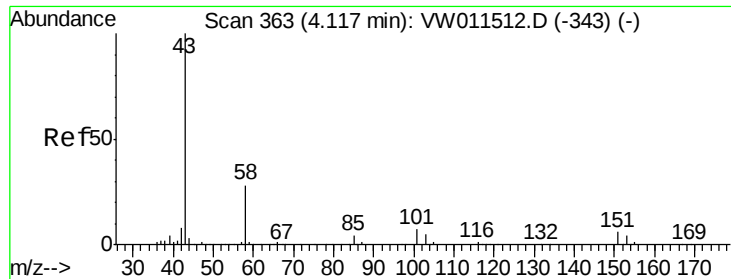
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 36.976 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011826.D

Acq: 09 Aug 2019 22:09

Instrument :

MSVOA_W

ClientSampleId :

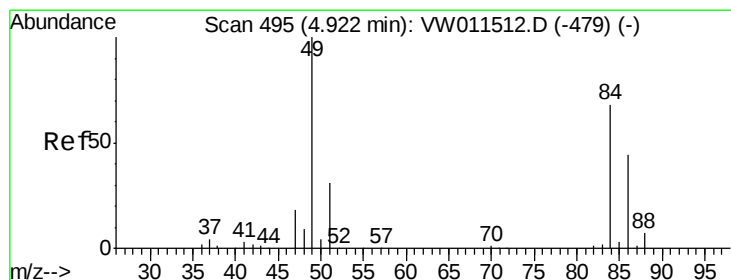
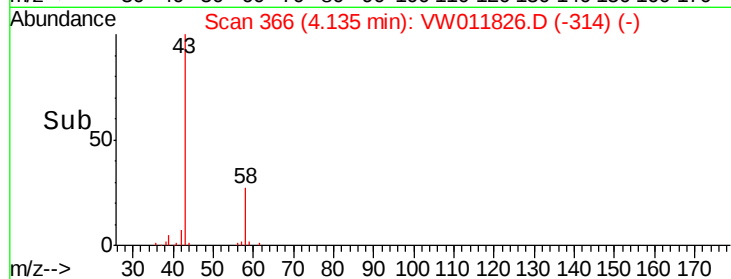
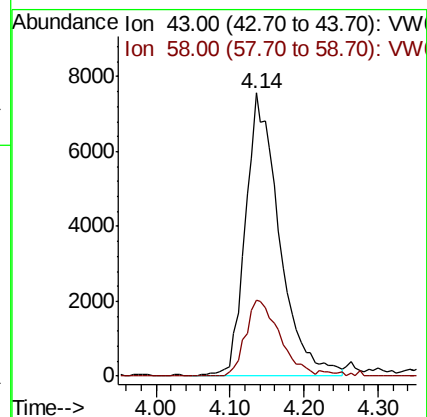
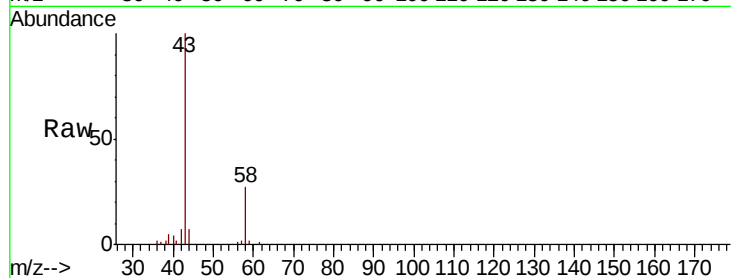
1S-P-(0)

Tgt Ion: 43 Resp: 24133

Ion Ratio Lower Upper

43 100

58 27.0 22.3 33.5



#20

Methylene Chloride

Concen: 5.673 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW011826.D

Acq: 09 Aug 2019 22:09

Tgt Ion: 84 Resp: 12770

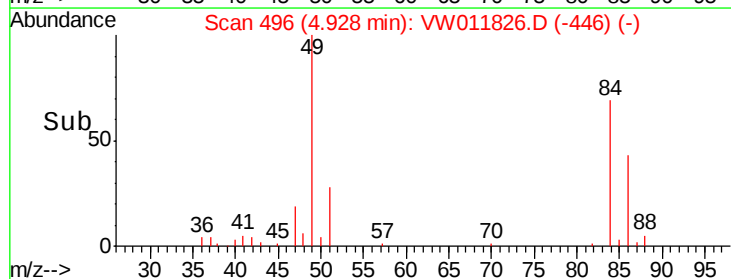
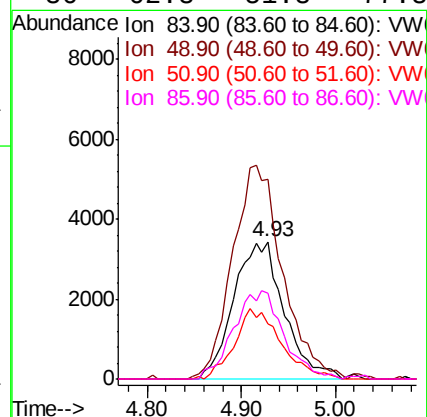
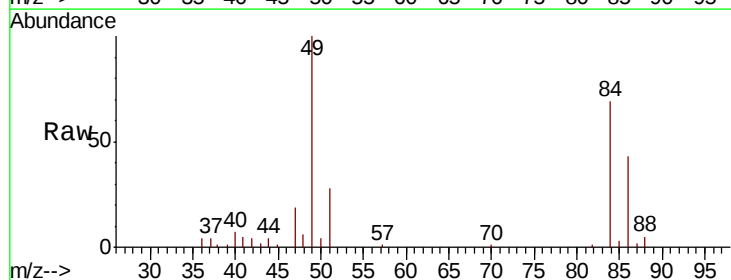
Ion Ratio Lower Upper

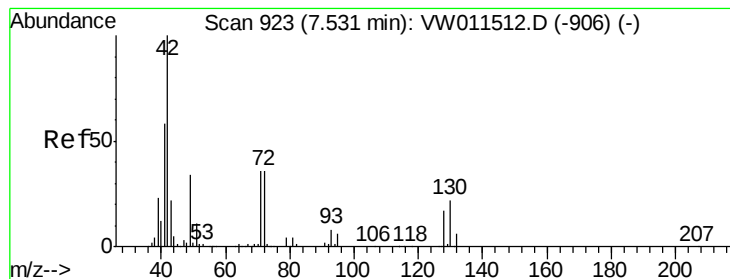
84 100

49 143.8 117.8 176.6

51 40.5 37.0 55.4

86 62.8 51.8 77.8





#29

Tetrahydrofuran

Concen: 1.502 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW011826.D

Acq: 09 Aug 2019 22:09

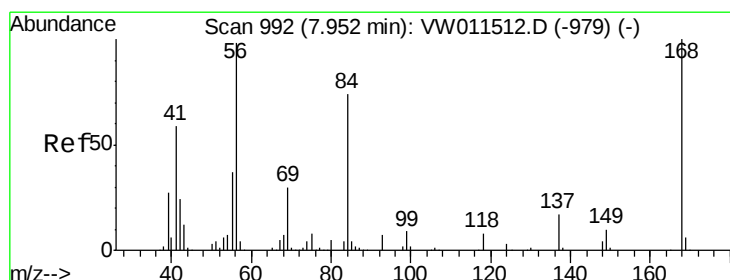
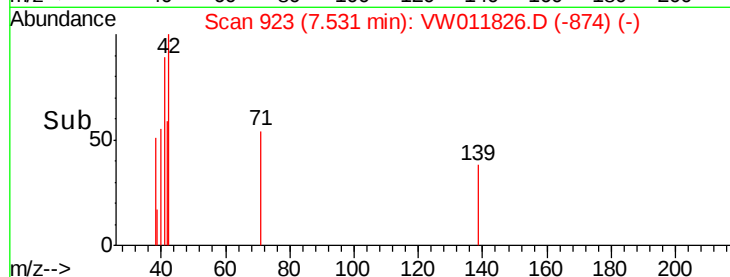
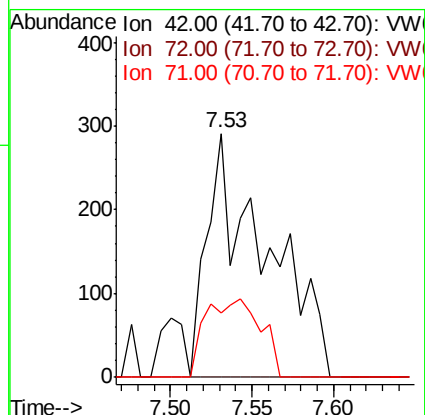
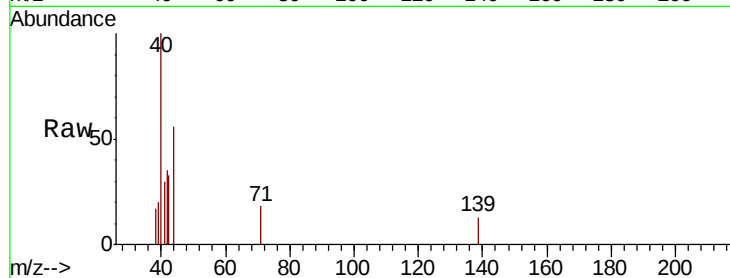
Instrument :

MSVOA_W

ClientSampled :

1S-P-(0)

Tgt Ion:	42	Resp:	733
Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.1	40.7#
71	29.9	26.2	39.4



#31

Cyclohexane

Concen: 1.218 ug/l

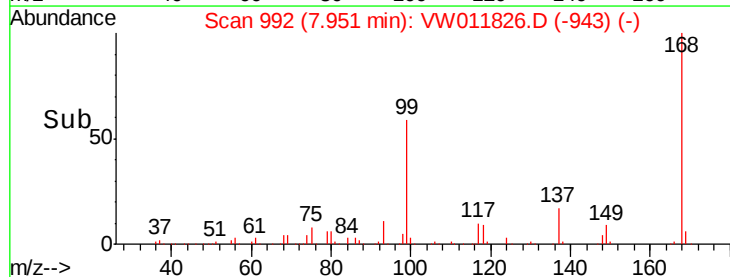
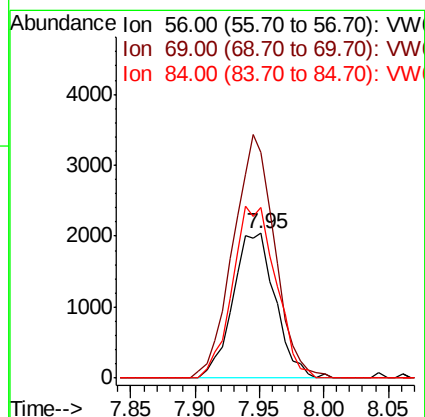
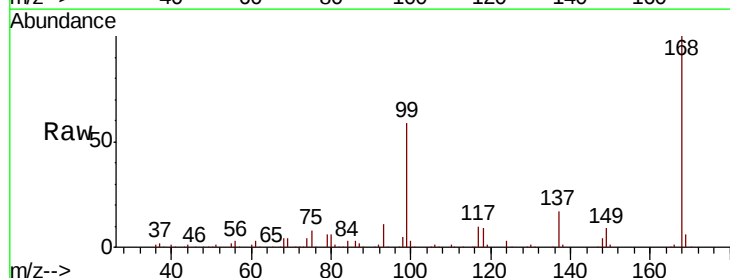
RT: 7.95 min Scan# 992

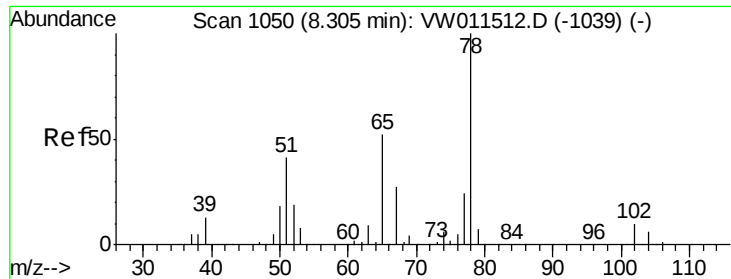
Delta R.T. -0.00 min

Lab File: VW011826.D

Acq: 09 Aug 2019 22:09

Tgt Ion:	56	Resp:	4672
Ion	Ratio	Lower	Upper
56	100		
69	156.4	24.3	36.5#
84	118.4	60.4	90.6#

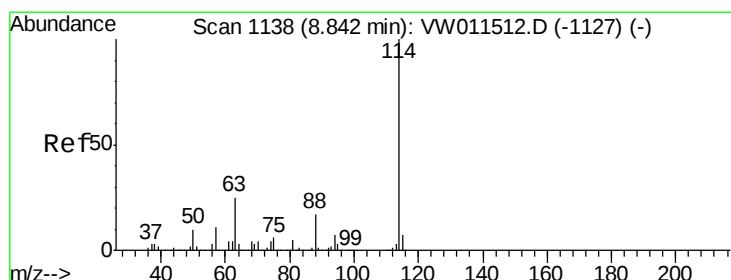
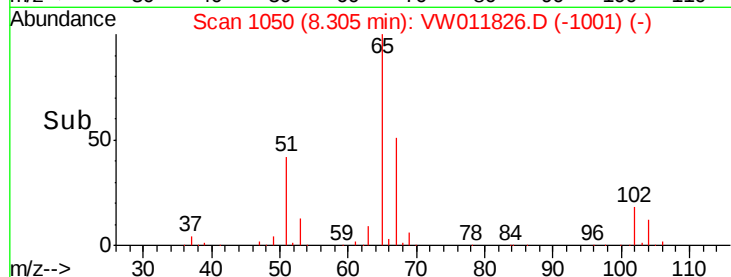
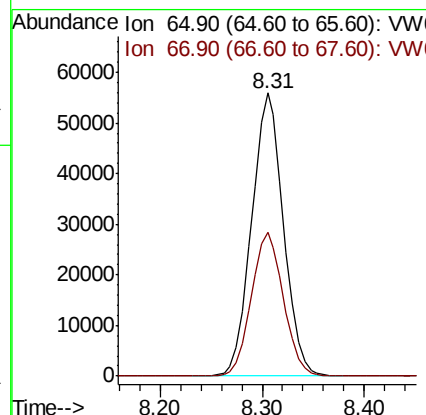
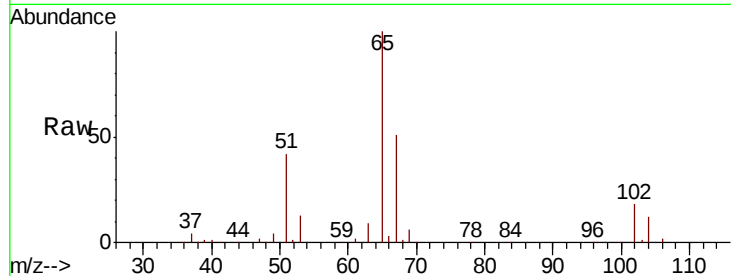




#33
 1,2-Dichloroethane-d4
 Concen: 59.060 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011826.D
 Acq: 09 Aug 2019 22:09

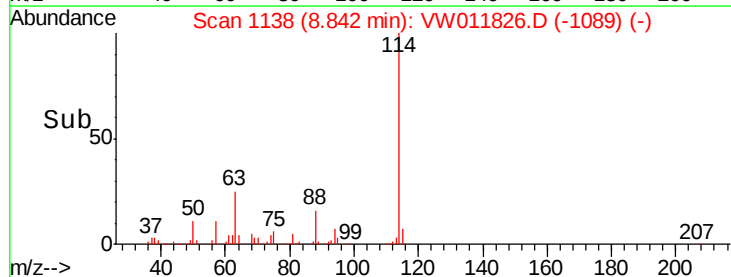
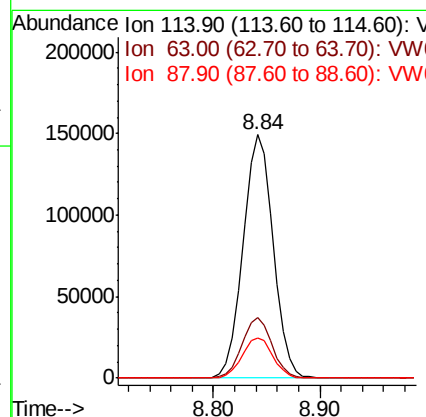
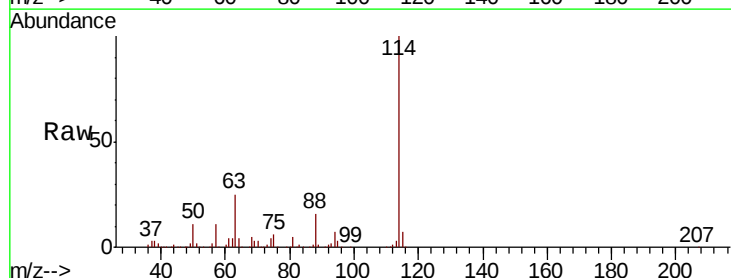
Instrument :
 MSVOA_W
 ClientSampled :
 1S-P-(0)

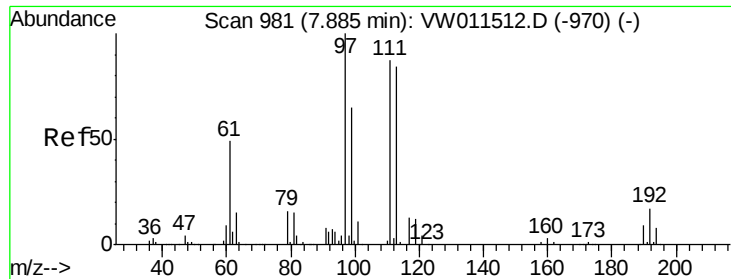
Tgt Ion: 65 Resp: 121179
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011826.D
 Acq: 09 Aug 2019 22:09

Tgt Ion: 114 Resp: 295907
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.2
 88 16.5 0.0 33.8

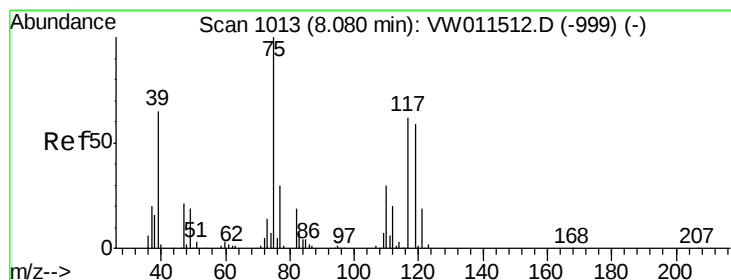
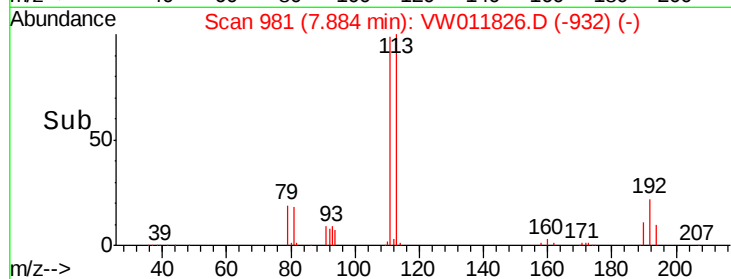
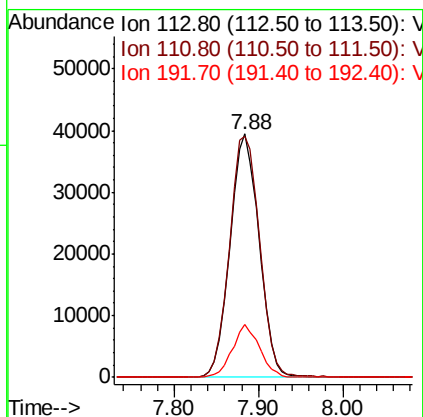
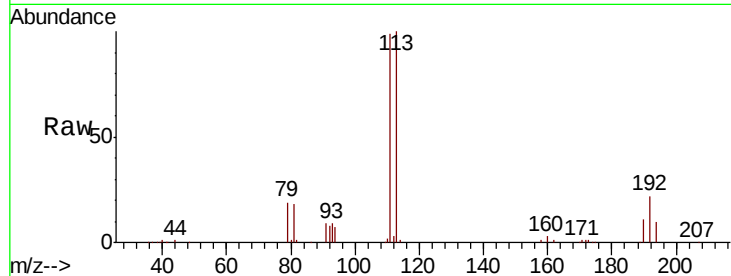




#35
 Dibromofluoromethane
 Concen: 55.440 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011826.D
 Acq: 09 Aug 2019 22:09

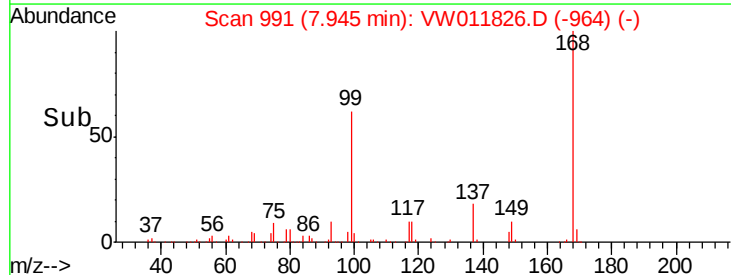
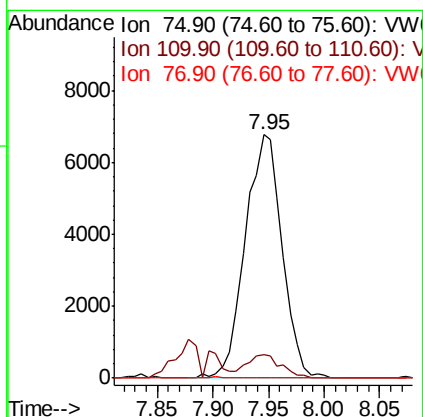
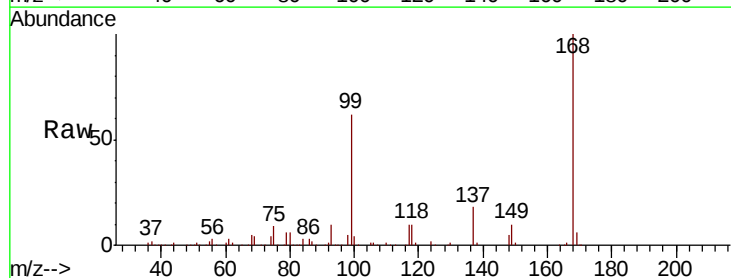
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-P-(0)

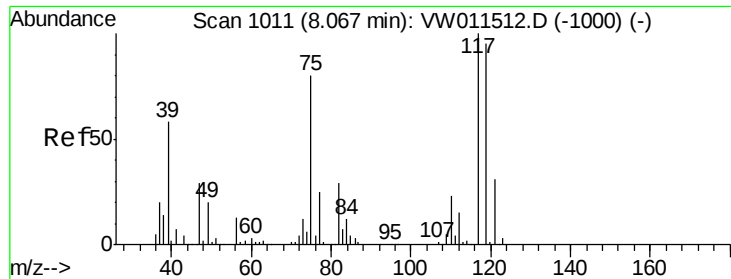
Tgt Ion:113 Resp: 92036
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 20.2 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.061 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011826.D
 Acq: 09 Aug 2019 22:09

Tgt Ion: 75 Resp: 15571
 Ion Ratio Lower Upper
 75 100
 110 9.3 15.6 46.8#
 77 0.0 24.3 36.5#

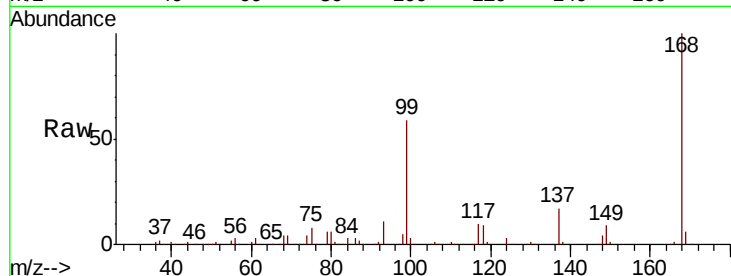




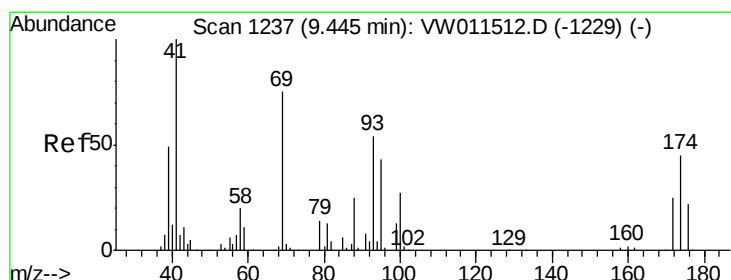
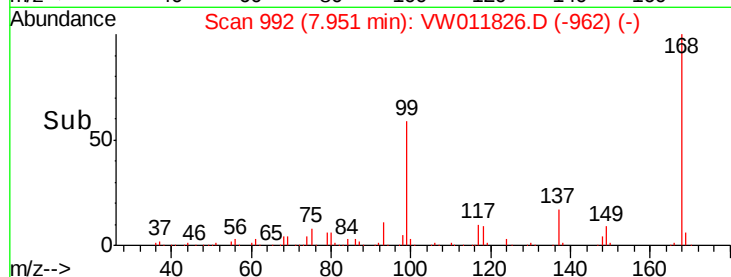
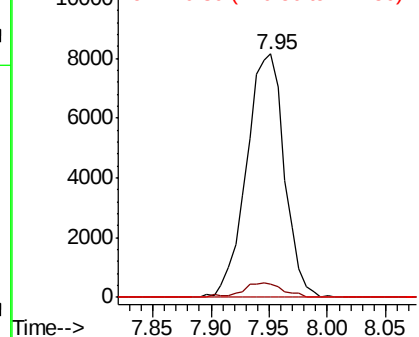
#38
Carbon Tetrachloride
Concen: 7.014 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW011826.D
Acq: 09 Aug 2019 22:09

Instrument :
MSVOA_W
ClientSampleId :
1S-P-(0)

Tgt Ion: 117 Resp: 18476
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.7 37.1#

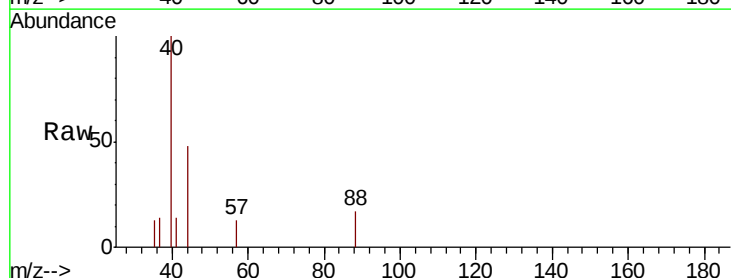


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

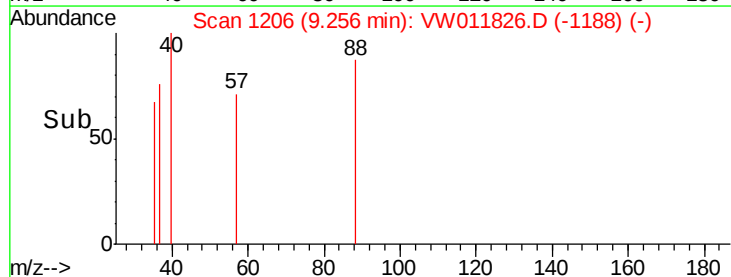
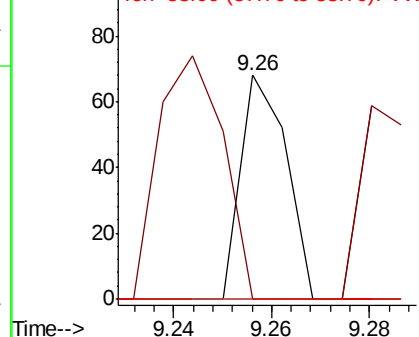


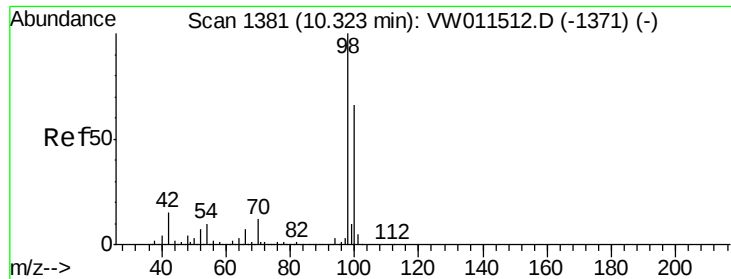
#49
1,4-Dioxane
Concen: 2.887 ug/l
RT: 9.26 min Scan# 1206
Delta R.T. -0.19 min
Lab File: VW011826.D
Acq: 09 Aug 2019 22:09

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 154.5 34.0 51.0#
58 0.0 69.7 104.5#



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: 53.449 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011826.D

Acq: 09 Aug 2019 22:09

Instrument :

MSVOA_W

ClientSampleId :

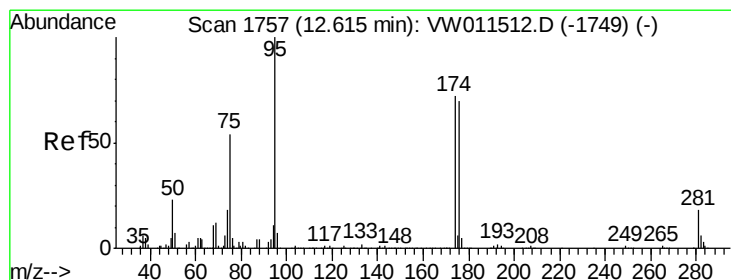
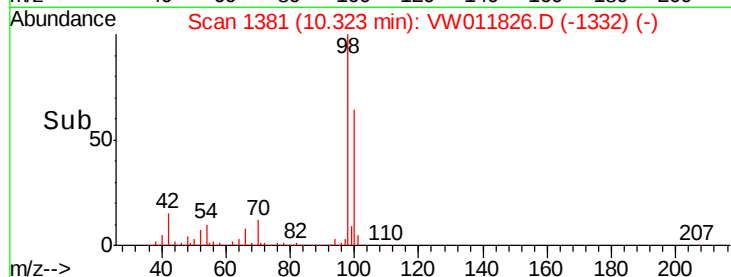
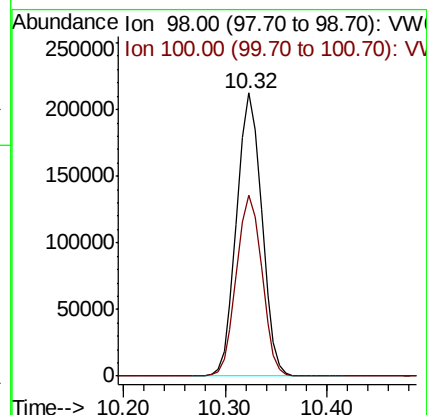
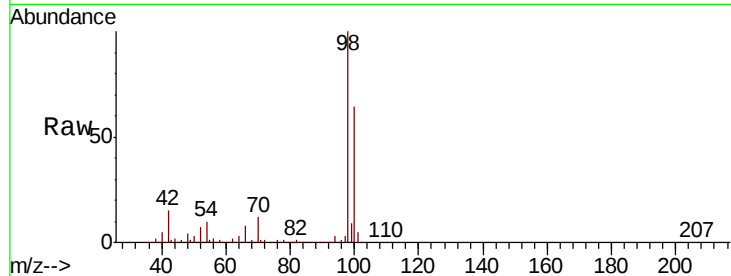
1S-P-(0)

Tgt Ion: 98 Resp: 363287

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.451 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011826.D

Acq: 09 Aug 2019 22:09

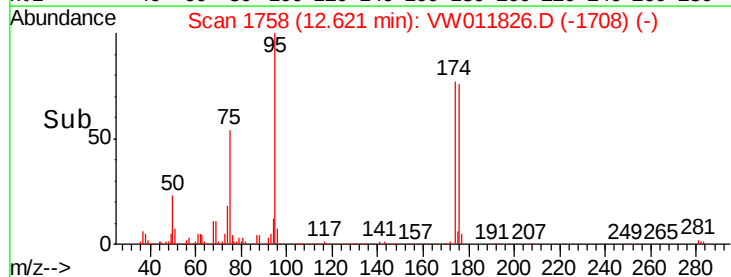
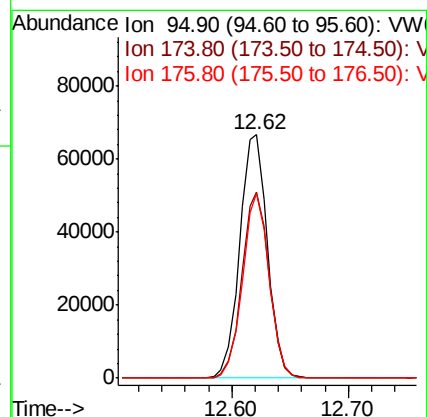
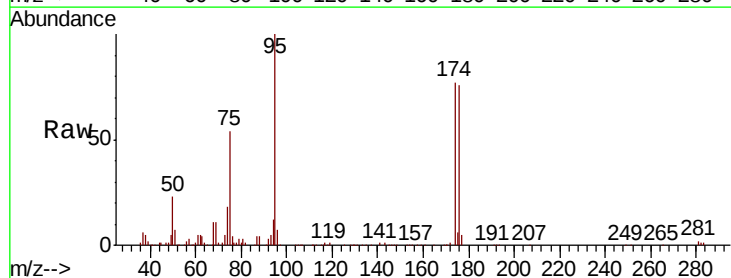
Tgt Ion: 95 Resp: 110138

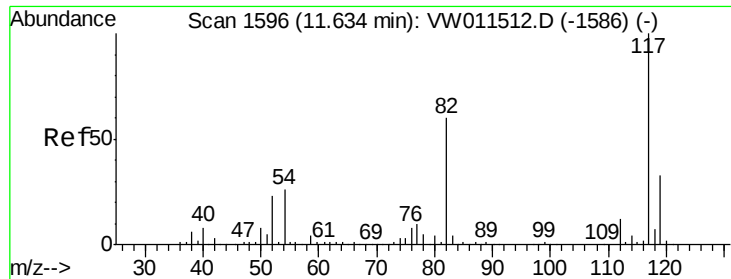
Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.2

176 72.6 0.0 144.4

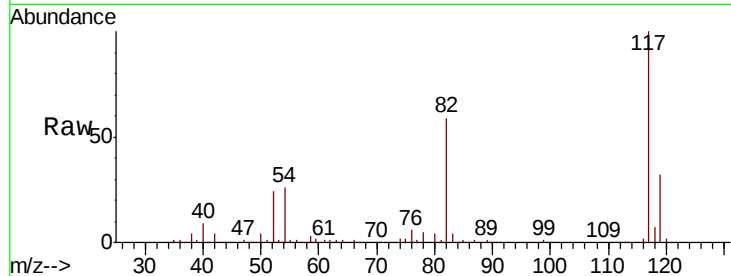




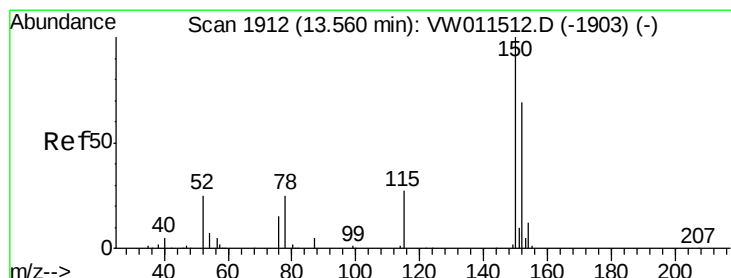
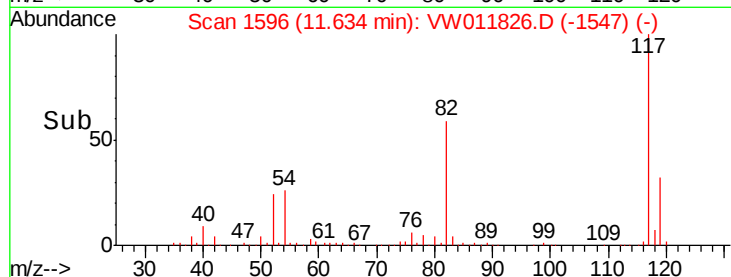
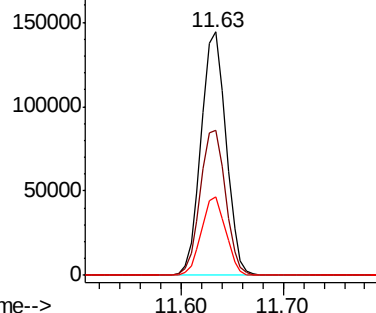
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011826.D
Acq: 09 Aug 2019 22:09

Instrument :
MSVOA_W
ClientSampled :
1S-P-(0)

Tgt Ion:117 Resp: 243352
Ion Ratio Lower Upper
117 100
82 59.3 47.9 71.9
119 32.1 26.2 39.2

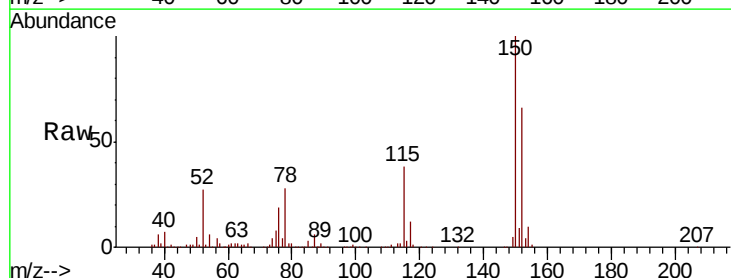


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

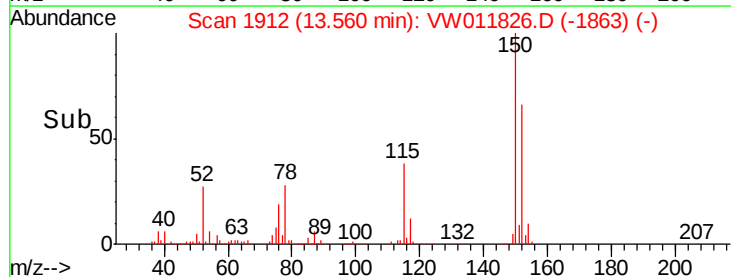
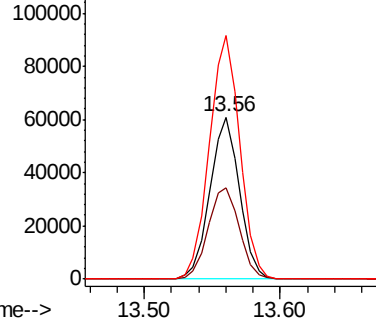


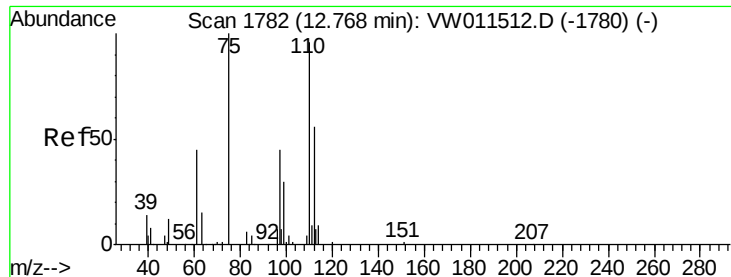
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011826.D
Acq: 09 Aug 2019 22:09

Tgt Ion:152 Resp: 92301
Ion Ratio Lower Upper
152 100
115 59.5 30.5 91.5
150 155.3 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: 60.916 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011826.D

Acq: 09 Aug 2019 22:09

Instrument :

MSVOA_W

ClientSampled :

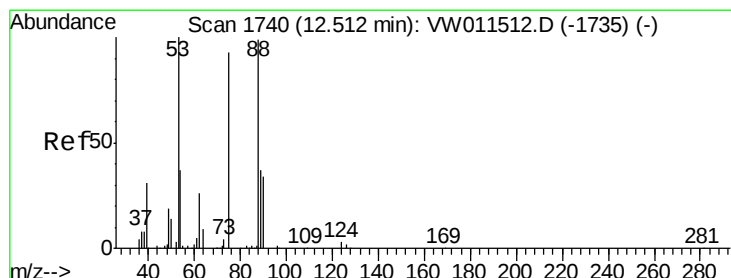
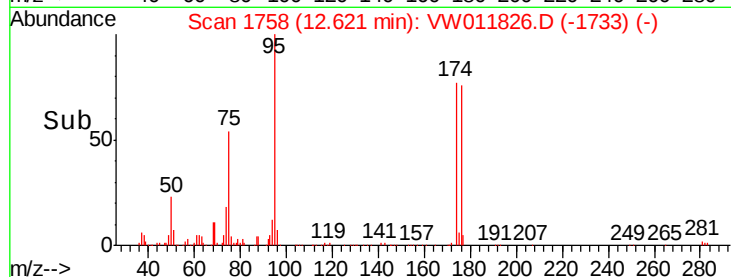
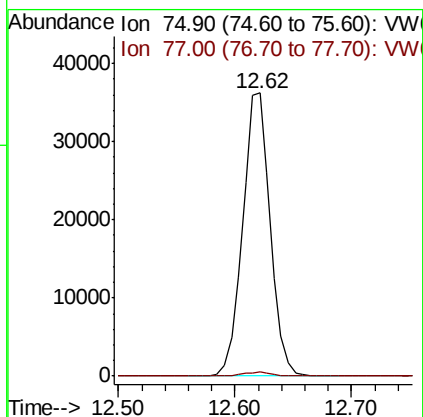
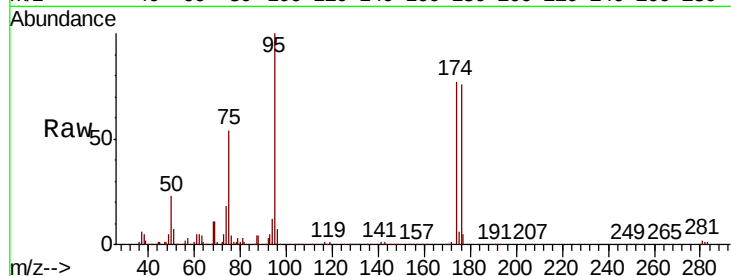
1S-P-(0)

Tgt Ion: 75 Resp: 59494

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 140.391 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011826.D

Acq: 09 Aug 2019 22:09

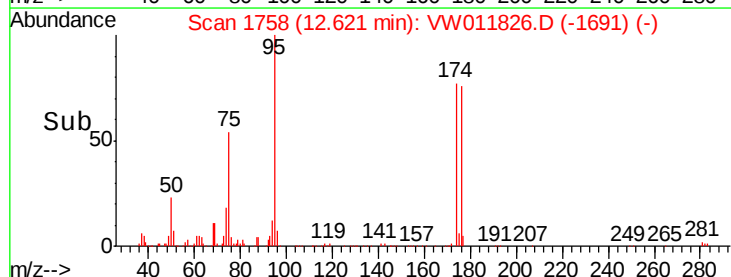
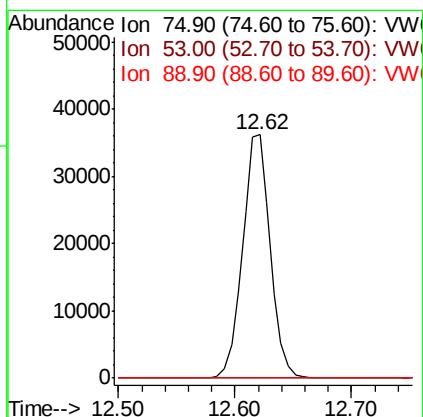
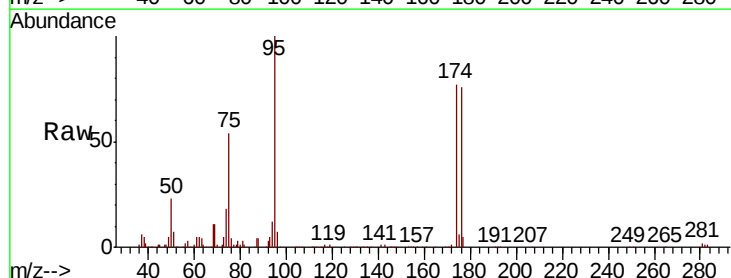
Tgt Ion: 75 Resp: 59494

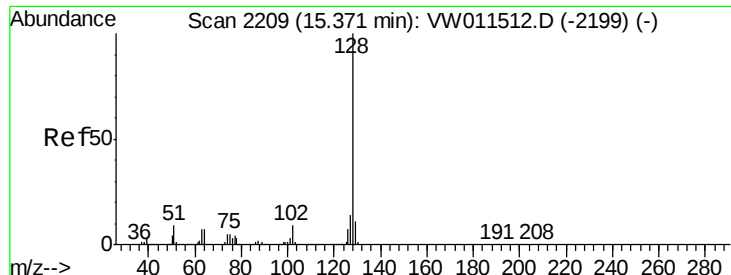
Ion Ratio Lower Upper

75 100

53 0.3 88.0 132.0#

89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 2.126 ug/l

RT: 15.39 min Scan# 2212

Delta R.T. 0.02 min

Lab File: VW011826.D

Acq: 09 Aug 2019 22:09

Instrument :

MSVOA_W

ClientSampleId :

1S-P-(0)

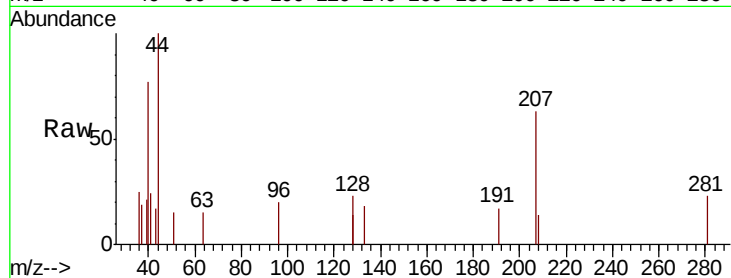
Tgt Ion:128 Resp: 229

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#



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

