

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
 Data File : VW011797.D
 Acq On : 09 Aug 2019 04:31
 Operator : SY/VA
 Sample : K4228-18
 Misc : 6.59G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-11-1)

Quant Time: Aug 09 05:40:12 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	238298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	159857	58.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.84%	
35) Dibromofluoromethane	7.88	113	120641	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
50) Toluene-d8	10.32	98	504716	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	
62) 4-Bromofluorobenzene	12.62	95	158487	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

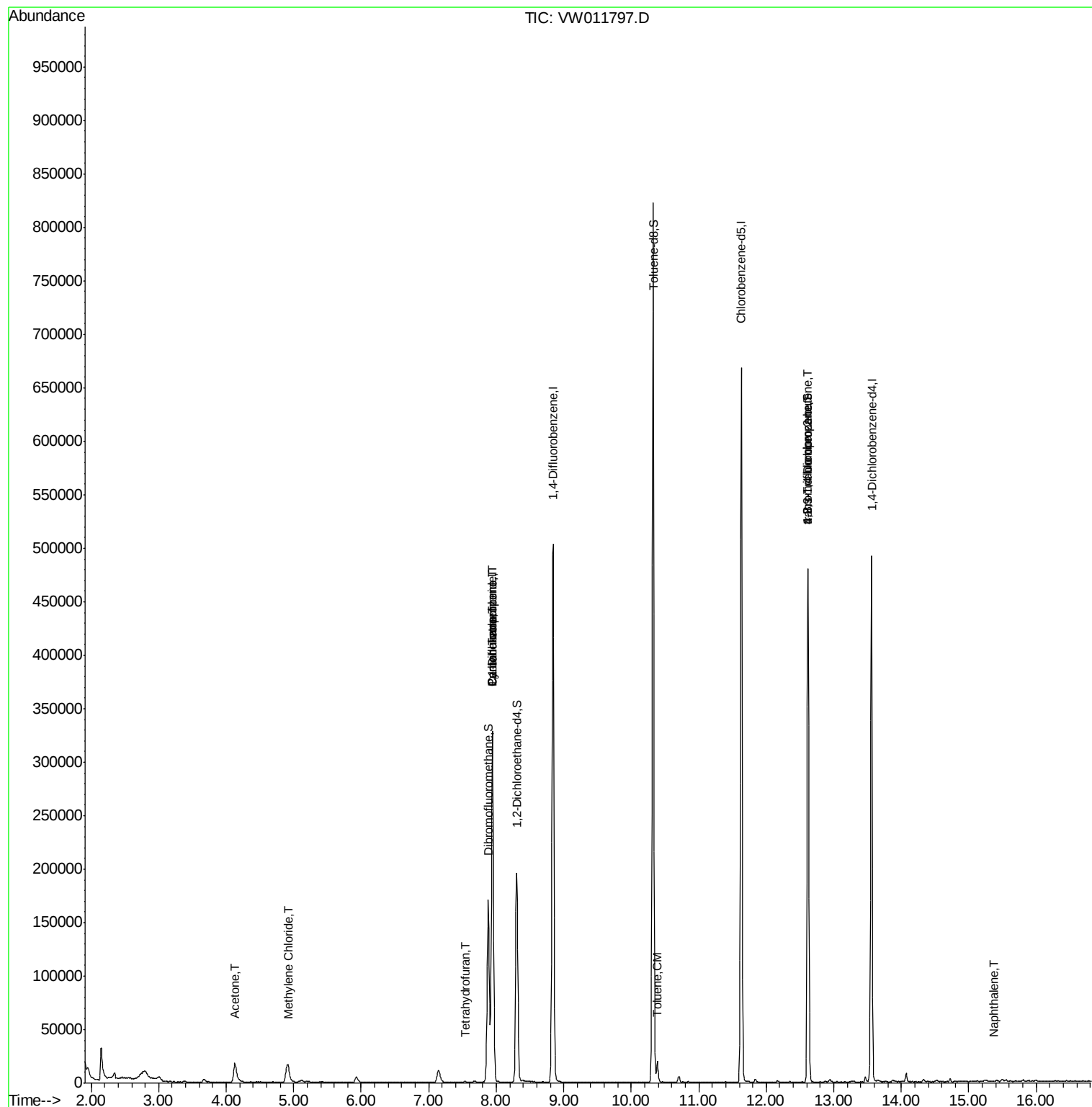
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	105	Below Cal	#	72
16) Acetone	4.13	43	36611	42.061	ug/l	97
20) Methylene Chloride	4.92	84	12316	4.103	ug/l	95
29) Tetrahydrofuran	7.54	42	663	1.018	ug/l	97
31) Cyclohexane	7.95	56	5895	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20692	5.049	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24027	6.849	ug/l #	18
52) Toluene	10.39	92	7214	1.041	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	85395	65.967	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85395	152.030	ug/l #	6
95) Naphthalene	15.36	128	199	2.105	ug/l #	69

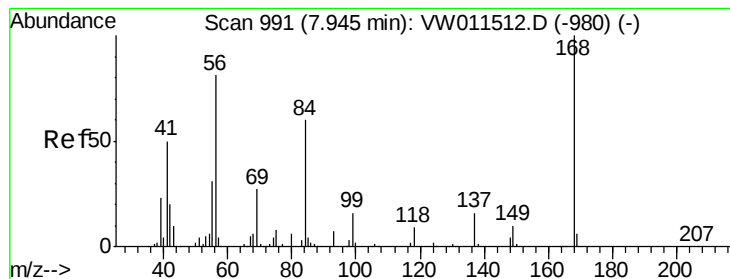
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
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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: VW011797.D

Acq: 09 Aug 2019 04:31

Instrument :

MSVOA_W

ClientSampleId :

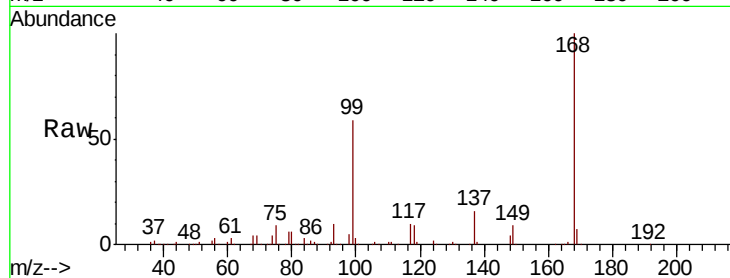
2S-11-(1)

Tgt Ion:168 Resp: 238298

Ion Ratio Lower Upper

168 100

99 58.7 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

120000

100000

80000

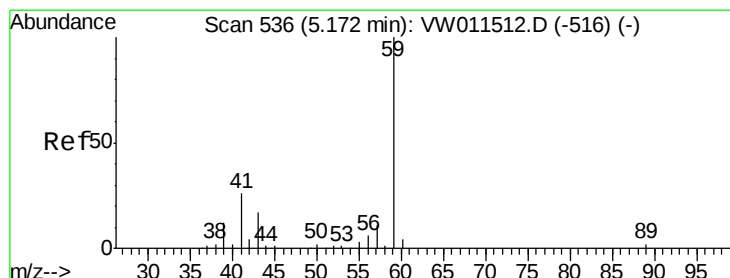
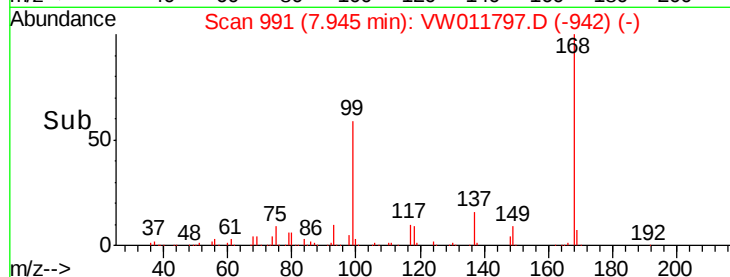
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW011797.D

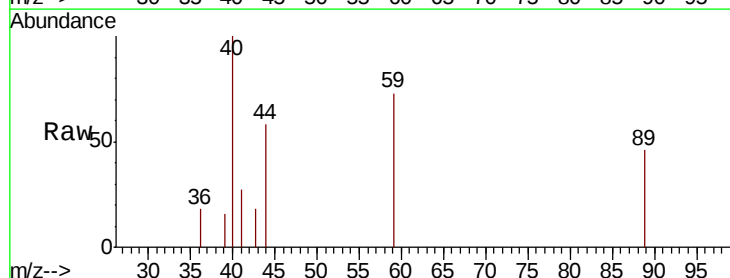
Acq: 09 Aug 2019 04:31

Tgt Ion: 59 Resp: 105

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

5.17

300

250

200

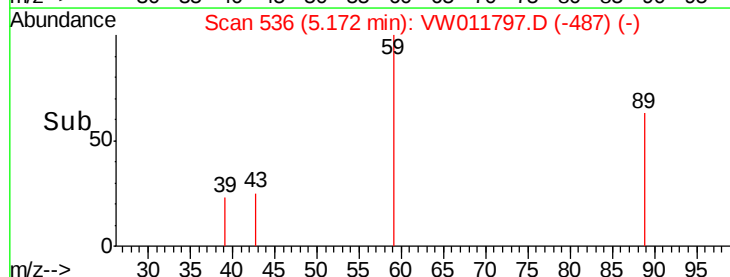
150

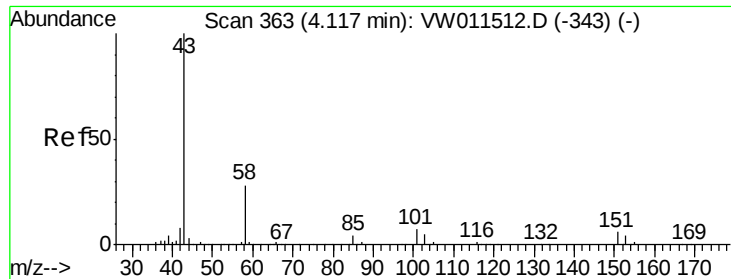
100

50

0

Time-->





#16

Acetone

Concen: 42.061 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011797.D

Acq: 09 Aug 2019 04:31

Instrument :

MSVOA_W

ClientSampleId :

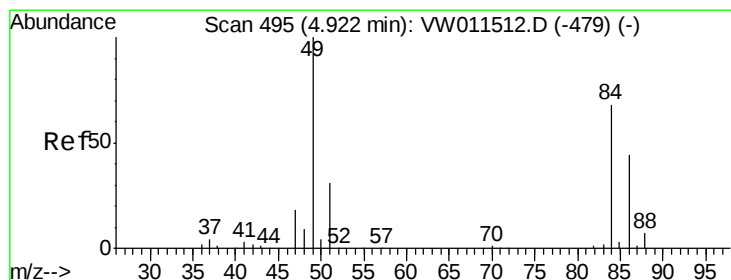
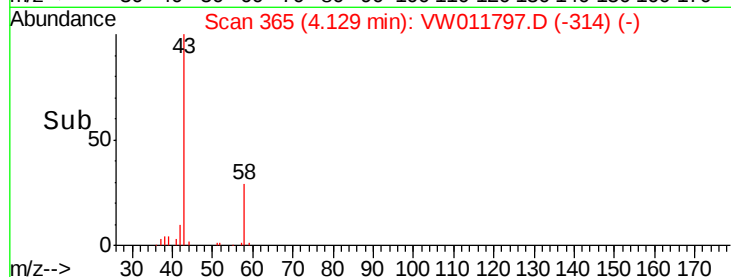
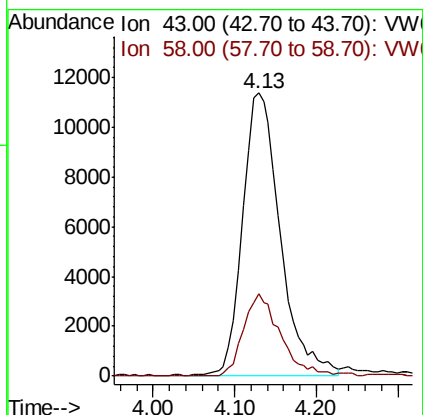
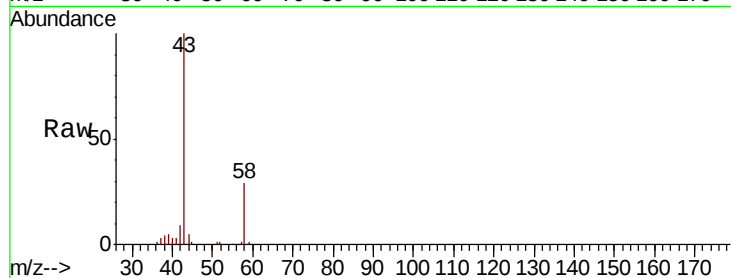
2S-11(1)

Tgt Ion: 43 Resp: 36611

Ion Ratio Lower Upper

43 100

58 29.3 22.3 33.5



#20

Methylene Chloride

Concen: 4.103 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011797.D

Acq: 09 Aug 2019 04:31

Tgt Ion: 84 Resp: 12316

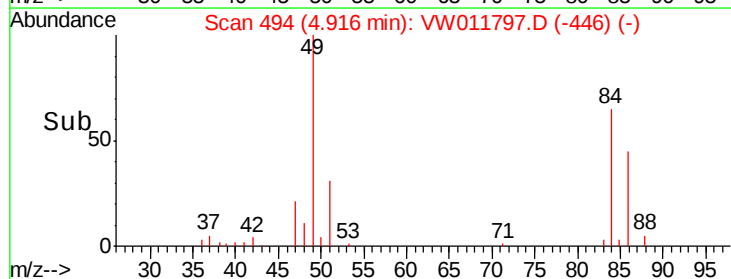
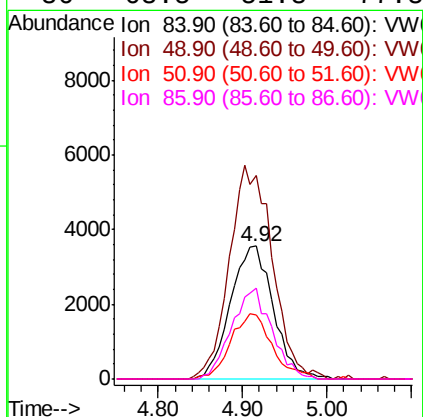
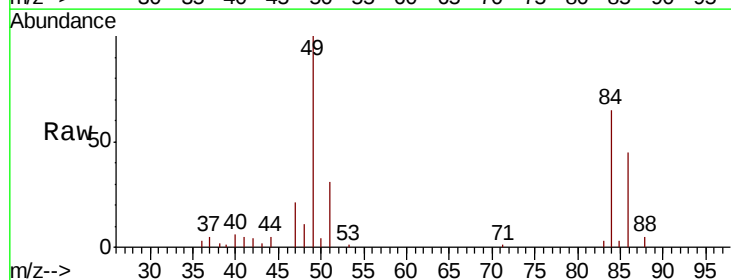
Ion Ratio Lower Upper

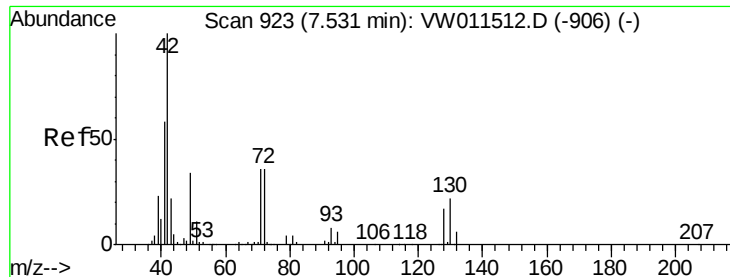
84 100

49 153.7 117.8 176.6

51 47.8 37.0 55.4

86 68.5 51.8 77.8

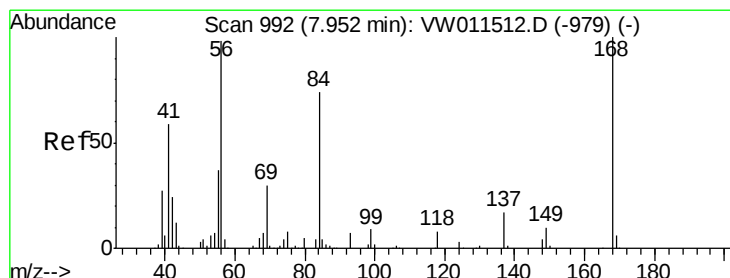
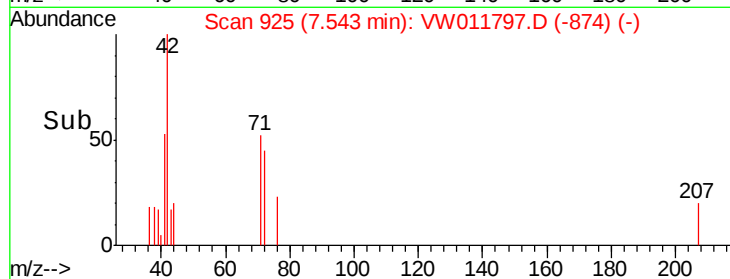
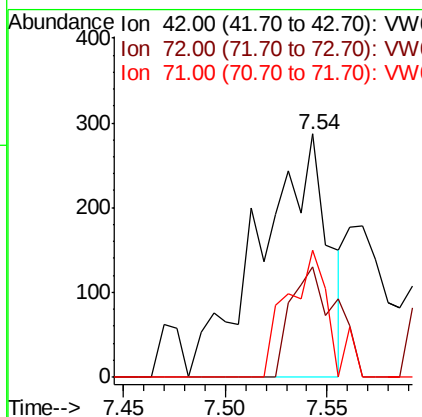
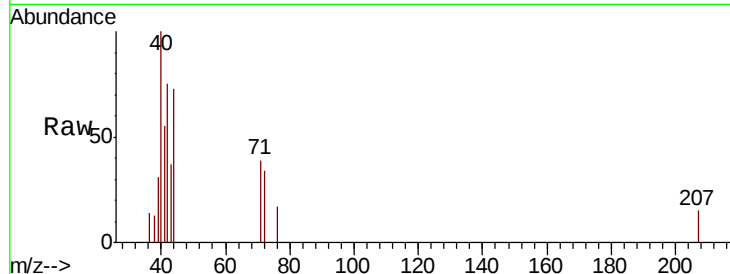




#29
Tetrahydrofuran
Concen: 1.018 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW011797.D
Acq: 09 Aug 2019 04:31

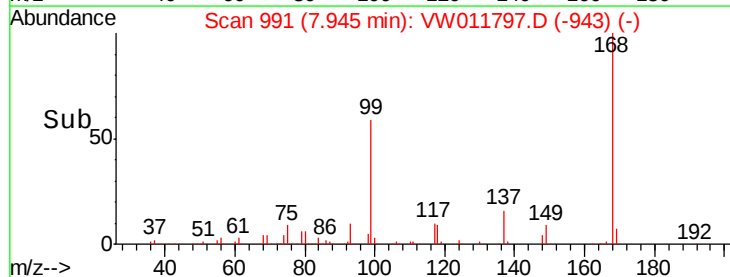
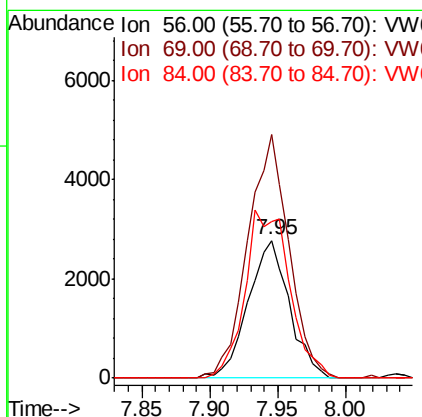
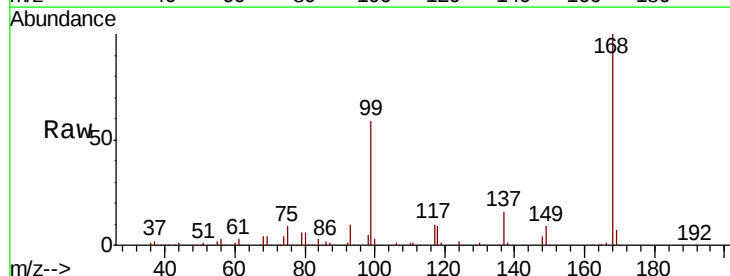
Instrument :
MSVOA_W
ClientSampleId :
2S-11-(1)

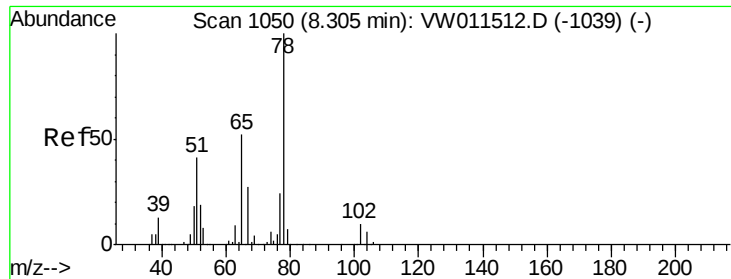
Tgt Ion: 42 Resp: 663
Ion Ratio Lower Upper
42 100
72 30.5 27.1 40.7
71 32.6 26.2 39.4



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011797.D
Acq: 09 Aug 2019 04:31

Tgt Ion: 56 Resp: 5895
Ion Ratio Lower Upper
56 100
69 176.9 24.3 36.5#
84 113.8 60.4 90.6#

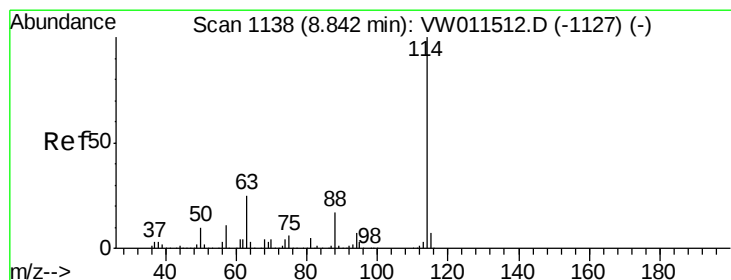
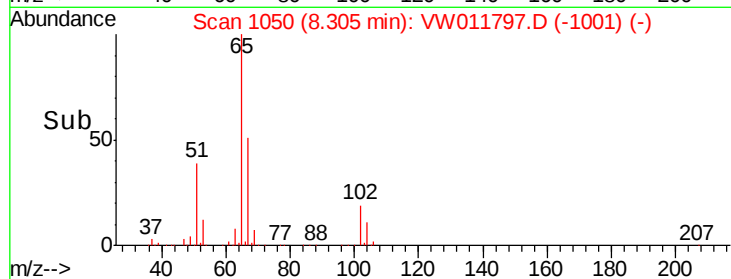
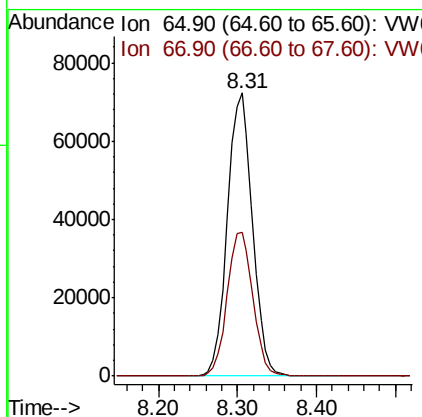
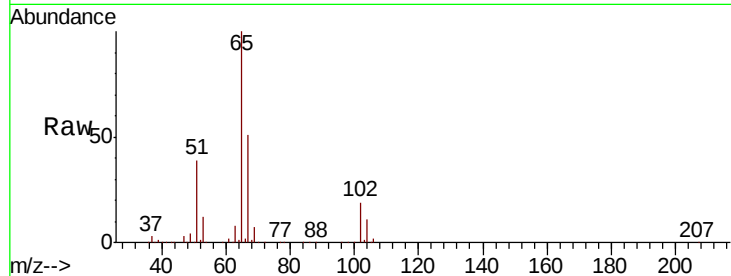




#33
 1,2-Dichloroethane-d4
 Concen: 58.420 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011797.D
 Acq: 09 Aug 2019 04:31

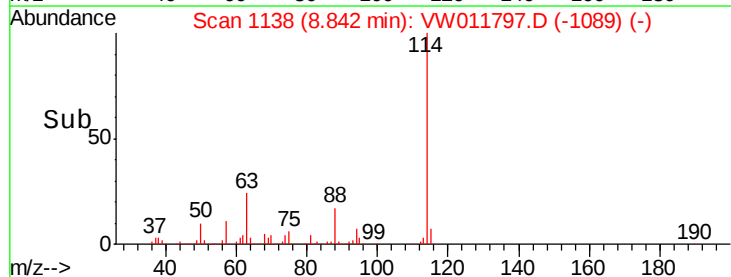
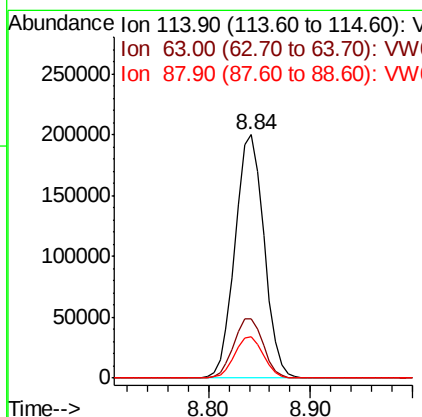
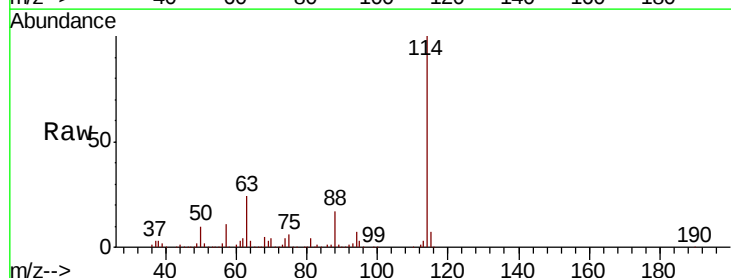
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-11-1)

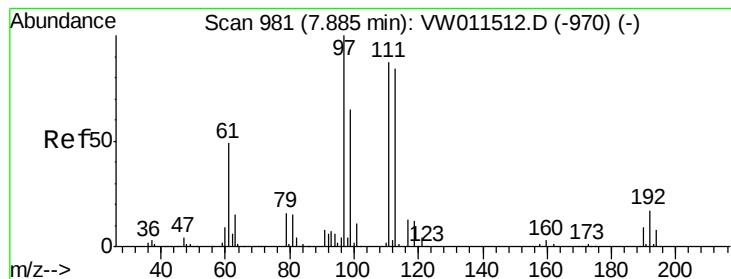
Tgt Ion: 65 Resp: 159857
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011797.D
 Acq: 09 Aug 2019 04:31

Tgt Ion: 114 Resp: 394094
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.566 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011797.D

Acq: 09 Aug 2019 04:31

Instrument :

MSVOA_W

ClientSampleId :

2S-11-(1)

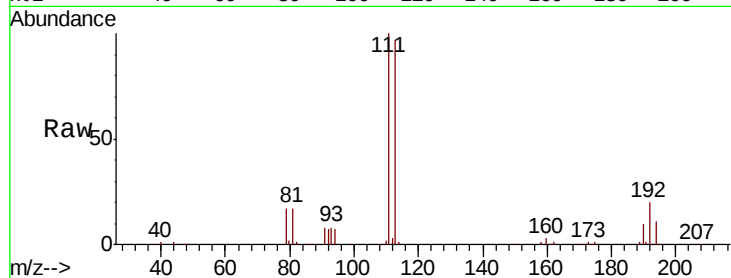
Tgt Ion:113 Resp: 120641

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

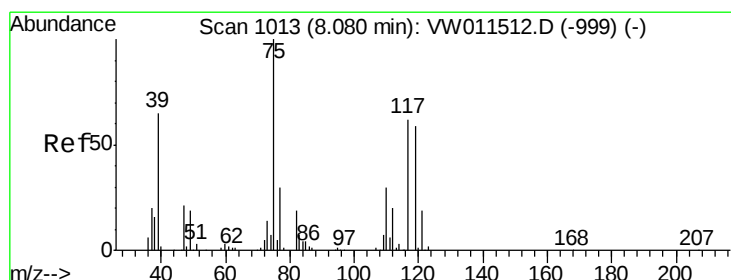
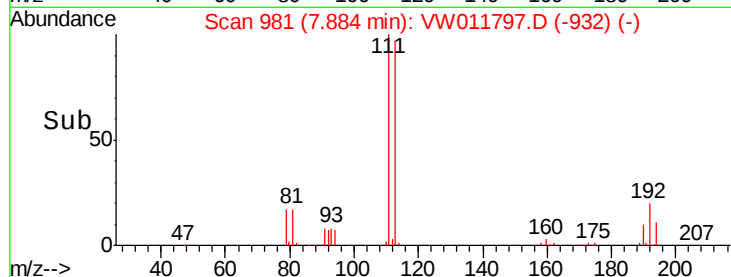
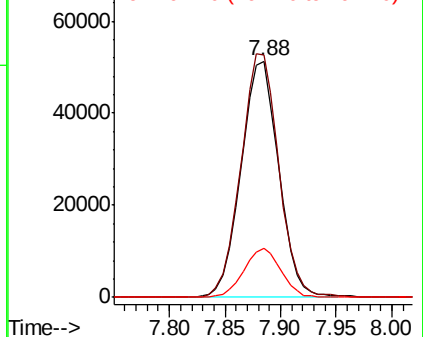
192 20.4 16.1 24.1



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: 5.049 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011797.D

Acq: 09 Aug 2019 04:31

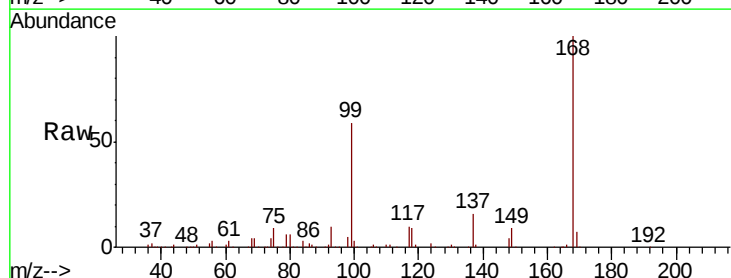
Tgt Ion: 75 Resp: 20692

Ion Ratio Lower Upper

75 100

110 7.9 15.6 46.8#

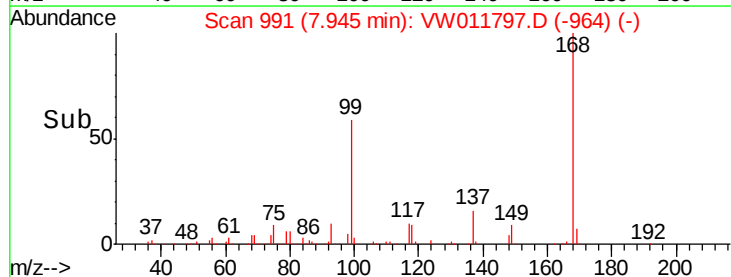
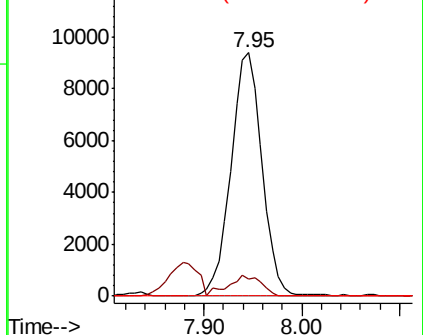
77 0.0 24.3 36.5#

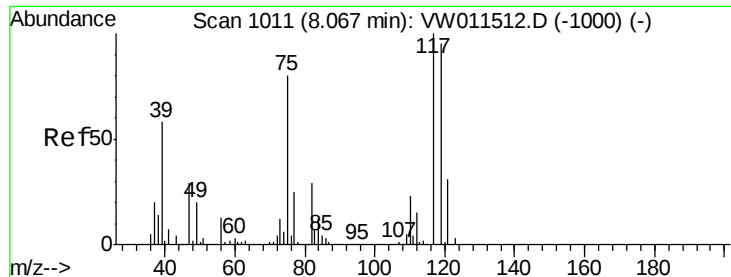


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

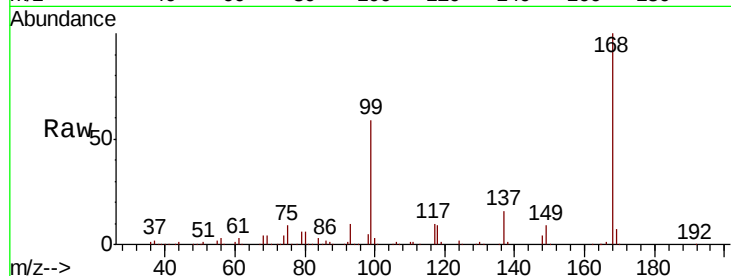




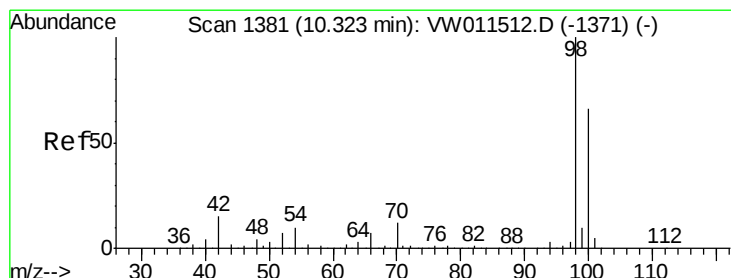
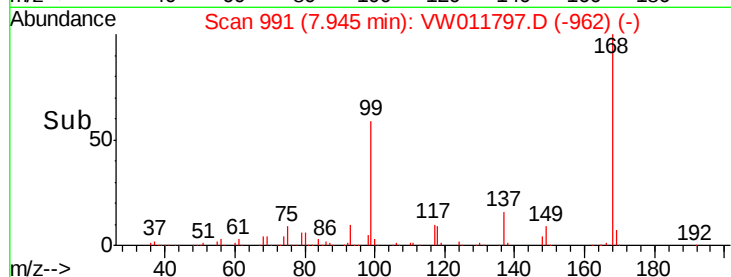
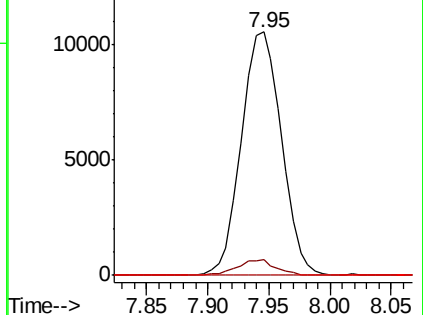
#38
Carbon Tetrachloride
Concen: 6.849 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011797.D
Acq: 09 Aug 2019 04:31

Instrument :
MSVOA_W
ClientSampleId :
2S-11-(1)

Tgt Ion:117 Resp: 24027
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 24.7 37.1#

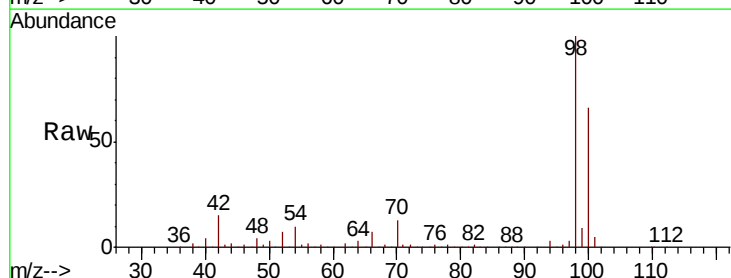


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

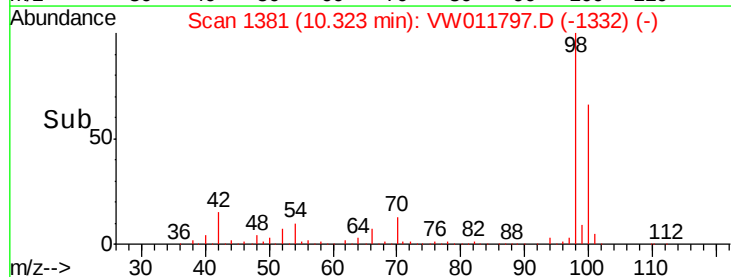
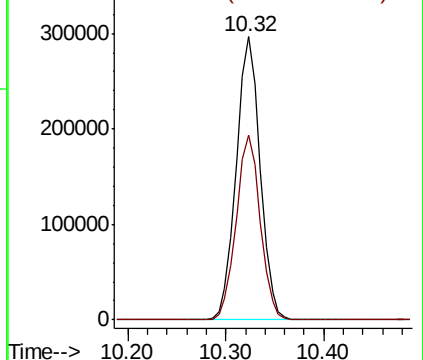


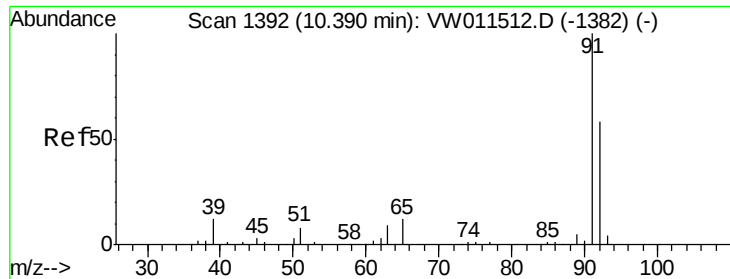
#50
Toluene-d8
Concen: 55.756 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011797.D
Acq: 09 Aug 2019 04:31

Tgt Ion: 98 Resp: 504716
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



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





#52

Toluene

Concen: 1.041 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011797.D

Acq: 09 Aug 2019 04:31

Instrument :

MSVOA_W

ClientSampleId :

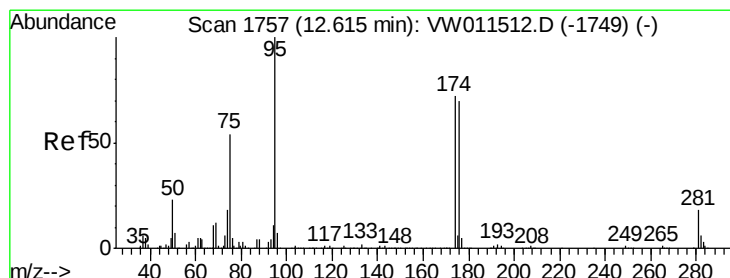
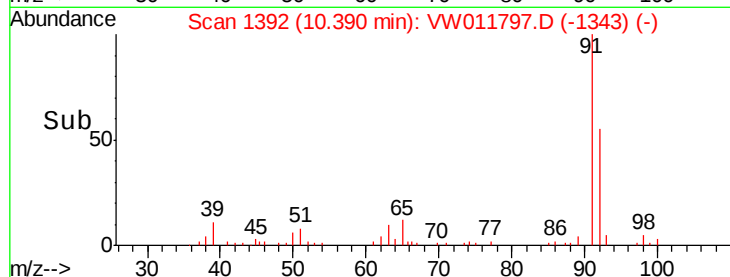
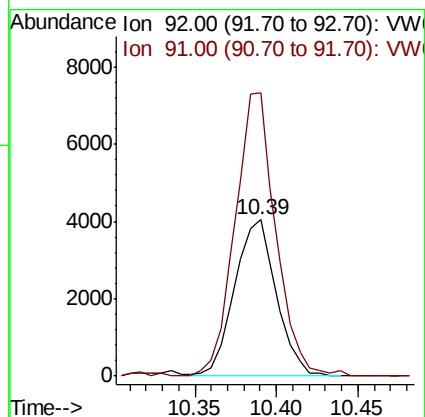
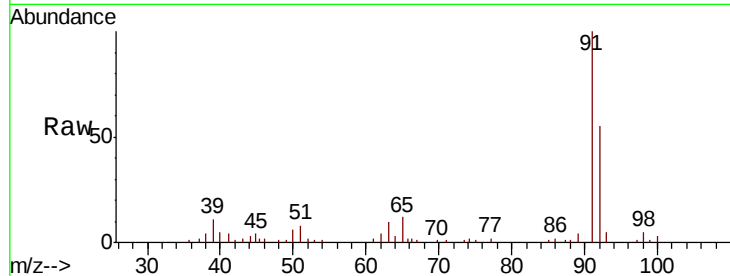
2S-11-(1)

Tgt Ion: 92 Resp: 7214

Ion Ratio Lower Upper

92 100

91 176.9 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 49.108 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011797.D

Acq: 09 Aug 2019 04:31

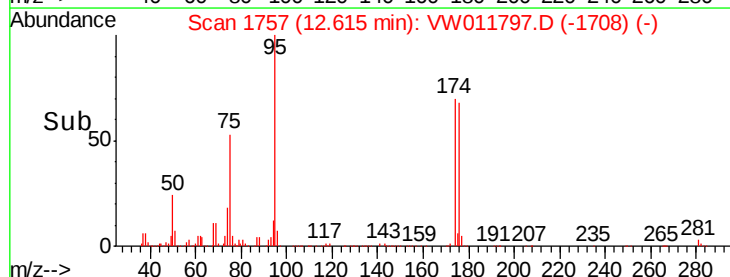
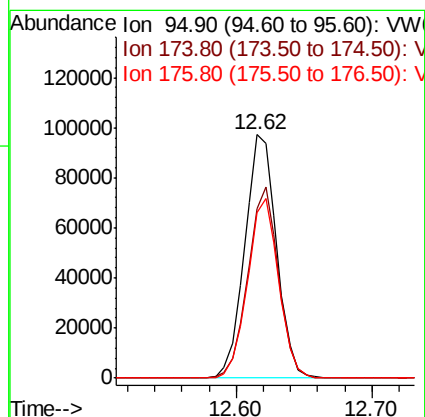
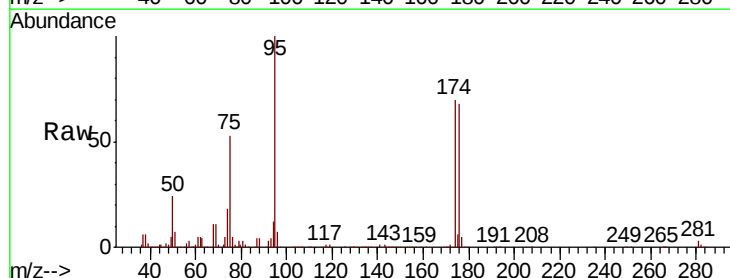
Tgt Ion: 95 Resp: 158487

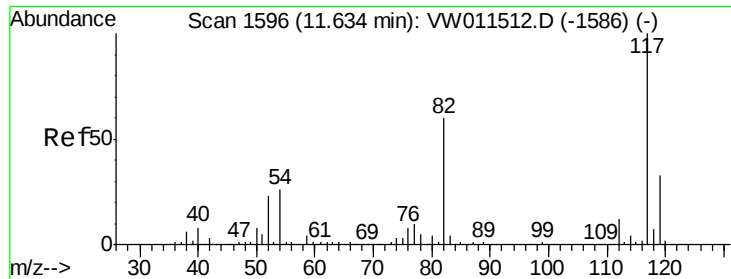
Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.2

176 72.5 0.0 144.4

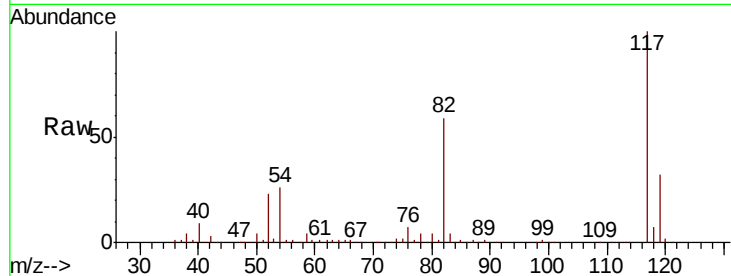




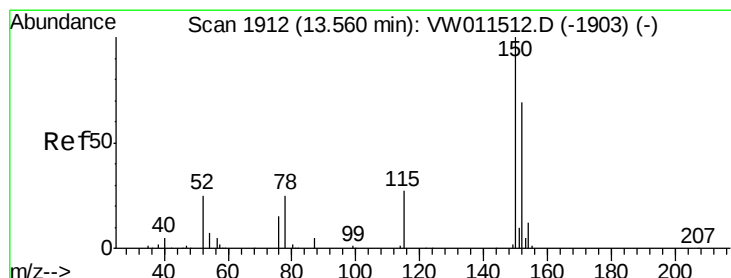
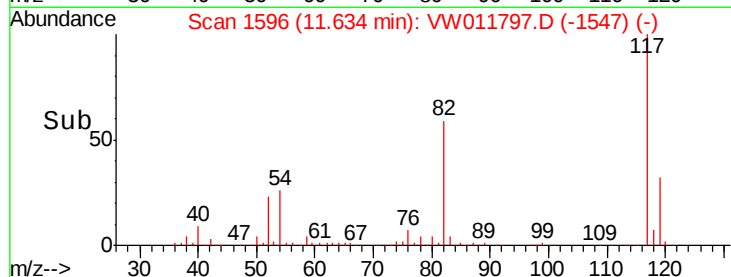
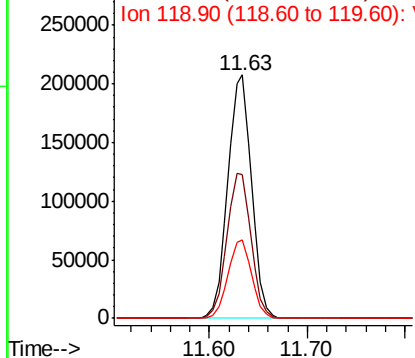
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011797.D
Acq: 09 Aug 2019 04:31

Instrument :
MSVOA_W
ClientSampleId :
2S-11-(1)

Tgt Ion:117 Resp: 348968
Ion Ratio Lower Upper
117 100
82 59.2 47.9 71.9
119 32.2 26.2 39.2

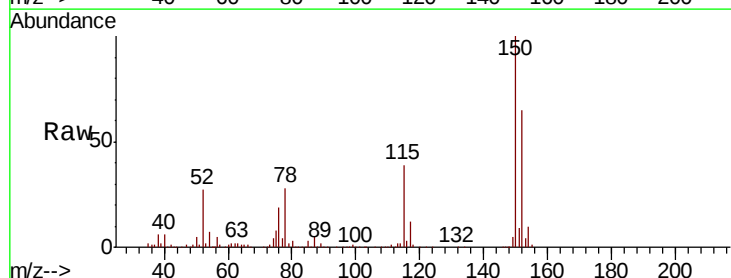


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

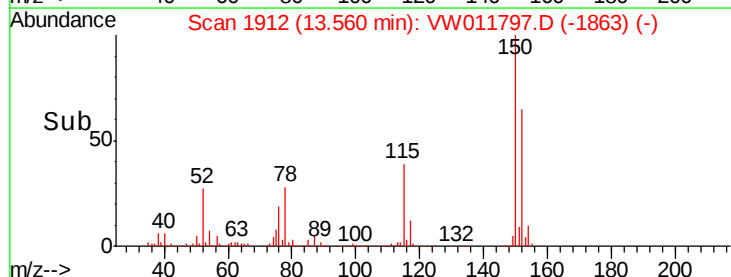
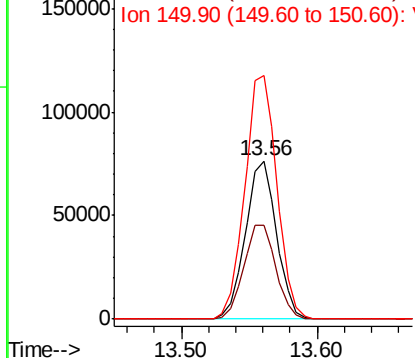


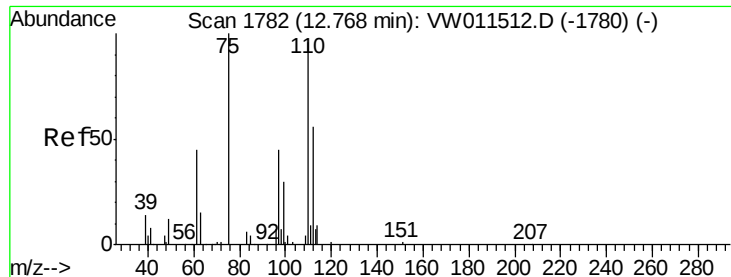
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011797.D
Acq: 09 Aug 2019 04:31

Tgt Ion:152 Resp: 122342
Ion Ratio Lower Upper
152 100
115 61.4 30.5 91.5
150 158.9 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: 65.967 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011797.D

Acq: 09 Aug 2019 04:31

Instrument :

MSVOA_W

ClientSampleId :

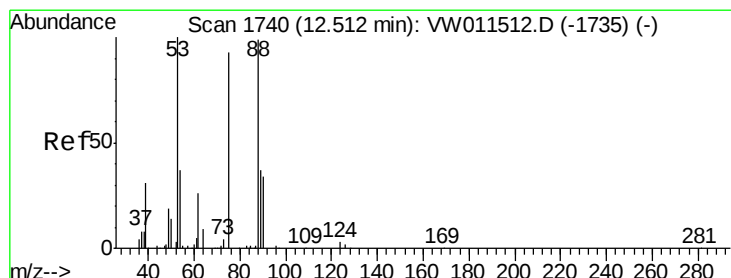
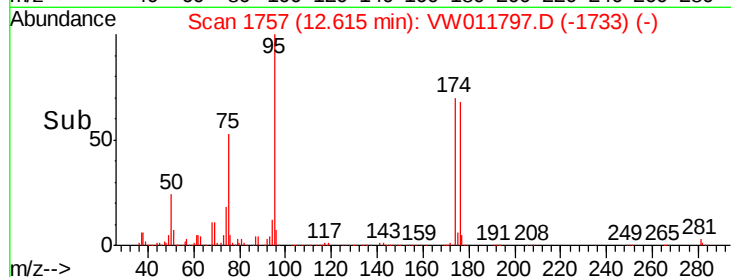
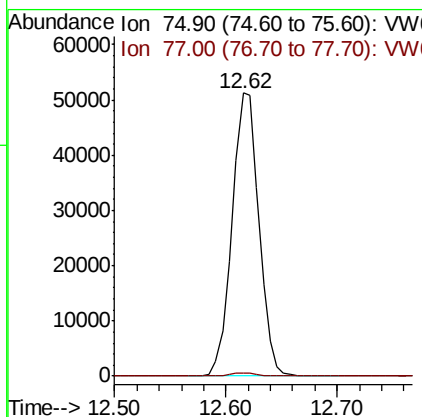
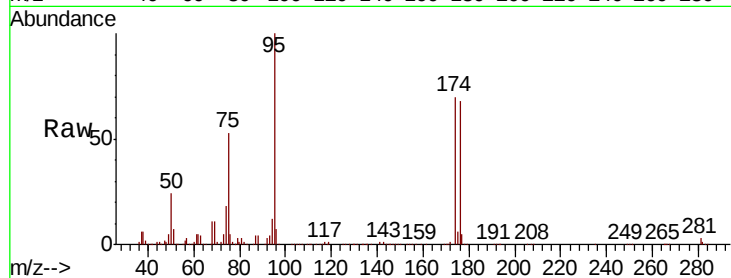
2S-11-(1)

Tgt Ion: 75 Resp: 85395

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 152.030 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011797.D

Acq: 09 Aug 2019 04:31

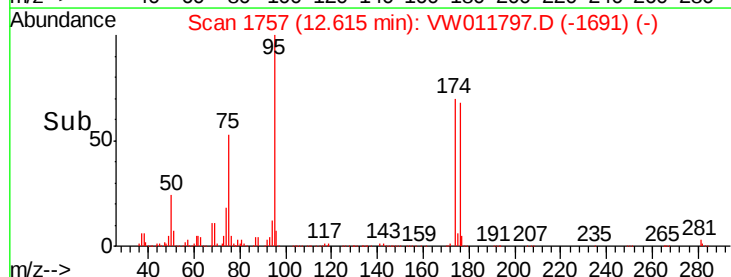
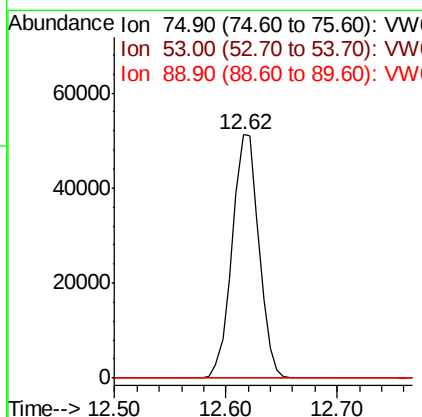
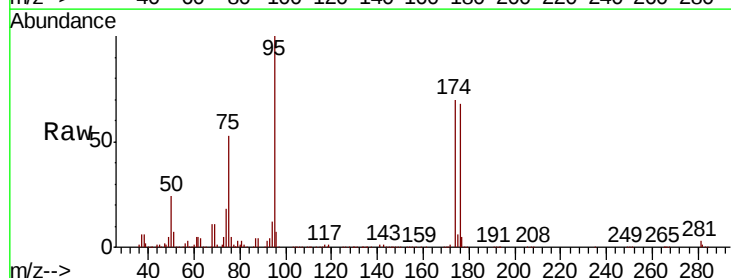
Tgt Ion: 75 Resp: 85395

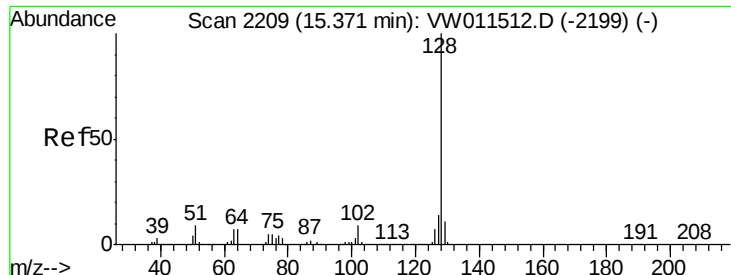
Ion Ratio Lower Upper

75 100

53 0.2 88.0 132.0#

89 0.1 35.3 52.9#





#95

Naphthalene

Concen: 2.105 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW011797.D

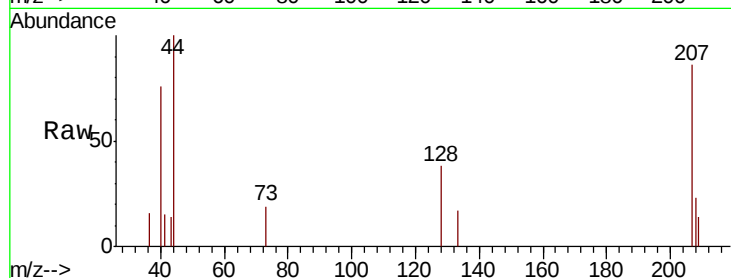
Acq: 09 Aug 2019 04:31

Instrument :

MSVOA_W

ClientSampleId :

2S-11-(1)



Tgt Ion:	128	Resp:	199
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

