

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
 Data File : VW011786.D
 Acq On : 08 Aug 2019 23:47
 Operator : SY/VA
 Sample : K4228-04
 Misc : 5.60G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-F2-(0)

Quant Time: Aug 09 05:38:09 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	226675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	374982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121123	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	145020	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
35) Dibromofluoromethane	7.88	113	114998	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
50) Toluene-d8	10.32	98	457357	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.62	95	143525	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	

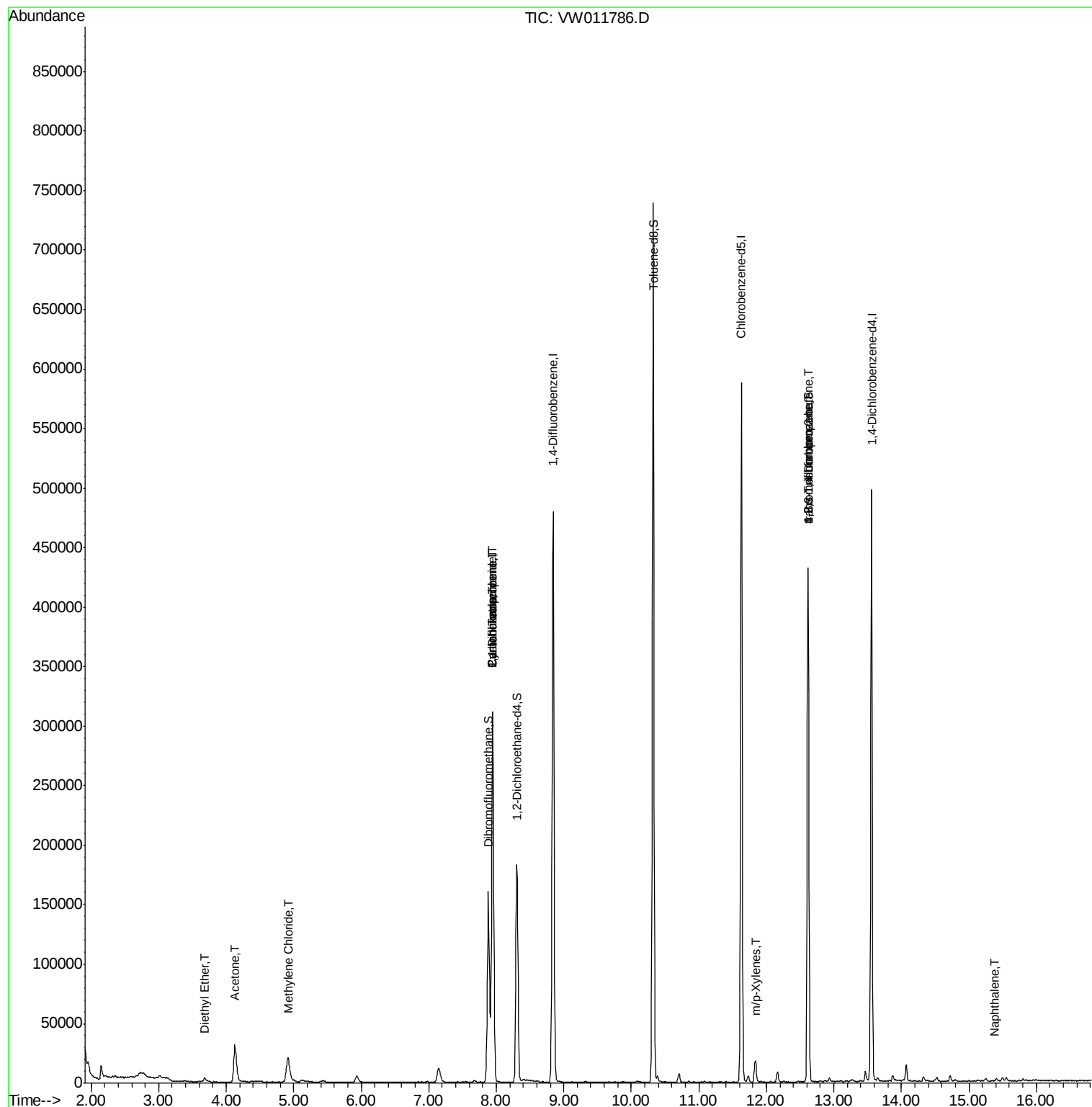
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1605	1.201	ug/l	76
11) Tert butyl alcohol	5.20	59	1730	Below Cal	#	80
16) Acetone	4.13	43	60363	72.905	ug/l	94
20) Methylene Chloride	4.92	84	16225	5.682	ug/l	96
31) Cyclohexane	7.95	56	5903	1.213	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19772	5.071	ug/l #	52
38) Carbon Tetrachloride	7.95	117	23414	7.015	ug/l #	16
68) m/p-Xylenes	11.84	106	5156	1.204	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	76075	59.358	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76075	136.801	ug/l #	6
95) Naphthalene	15.37	128	632	2.193	ug/l #	69

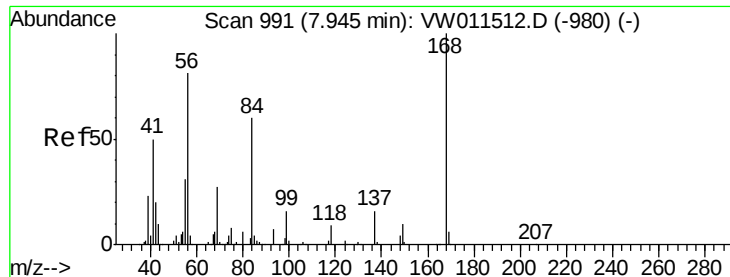
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011786.D

Acq: 08 Aug 2019 23:47

Instrument :

MSVOA_W

ClientSampleId :

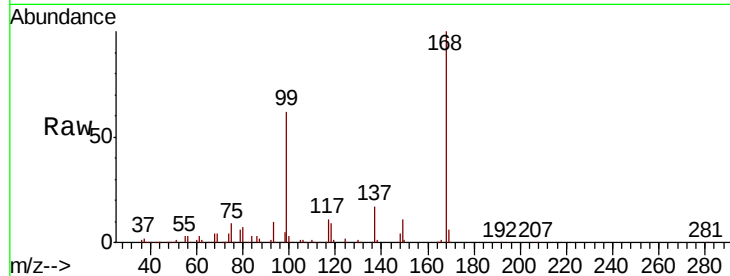
2S-F2-(0)

Tgt Ion:168 Resp: 226675

Ion Ratio Lower Upper

168 100

99 62.1 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

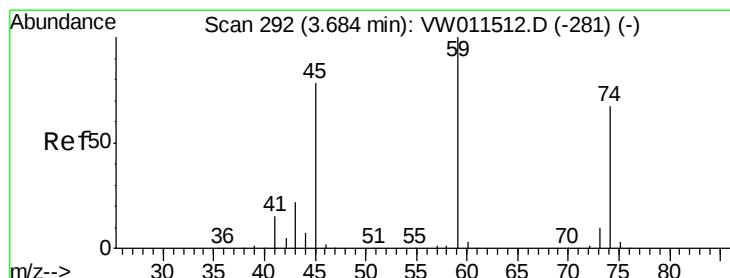
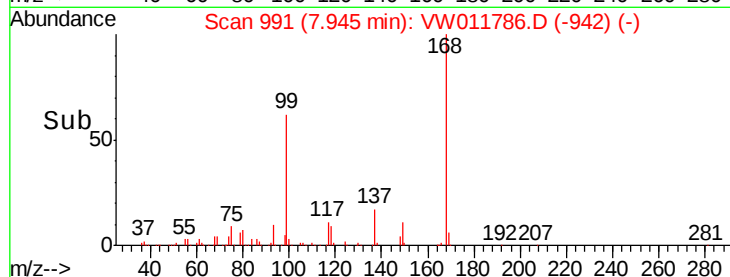
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.201 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW011786.D

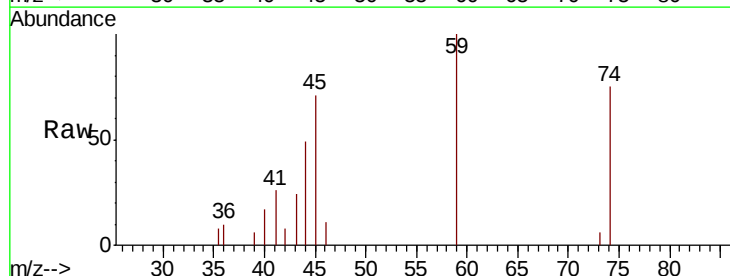
Acq: 08 Aug 2019 23:47

Tgt Ion: 74 Resp: 1605

Ion Ratio Lower Upper

74 100

45 145.6 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1000

800

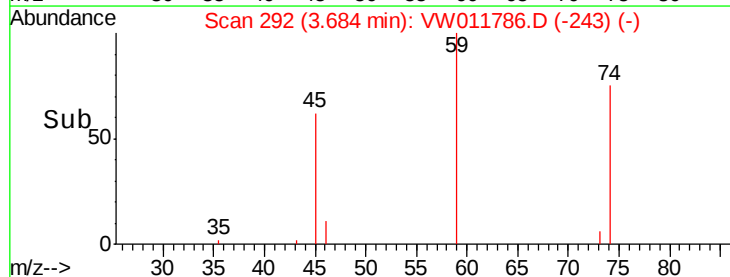
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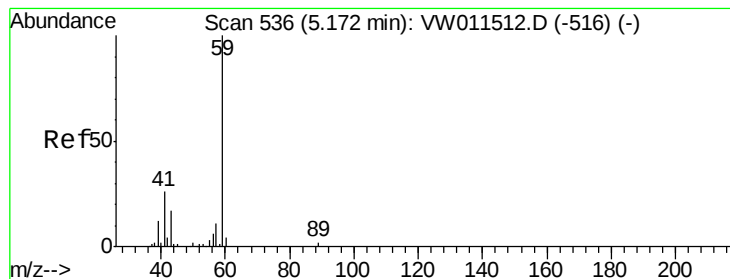
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200

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Time-->



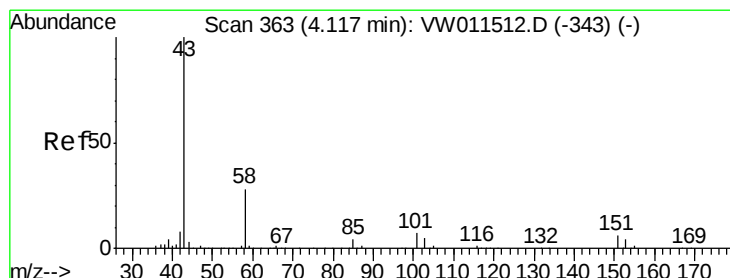
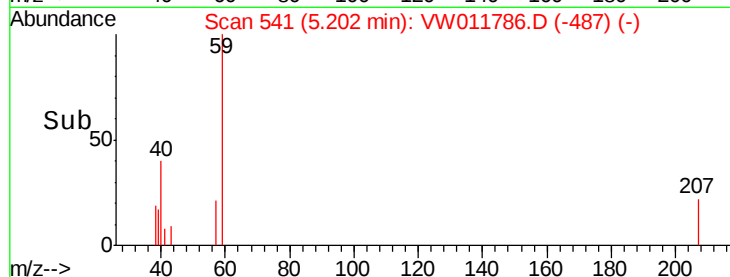
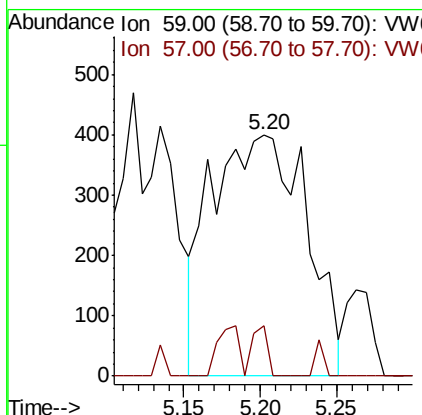
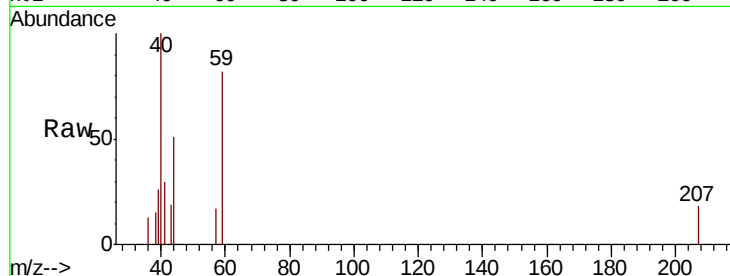


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 541
 Delta R.T. 0.03 min
 Lab File: VW011786.D
 Acq: 08 Aug 2019 23:47

Instrument :
 MSVOA_W
 ClientSampled :
 2S-F2-(0)

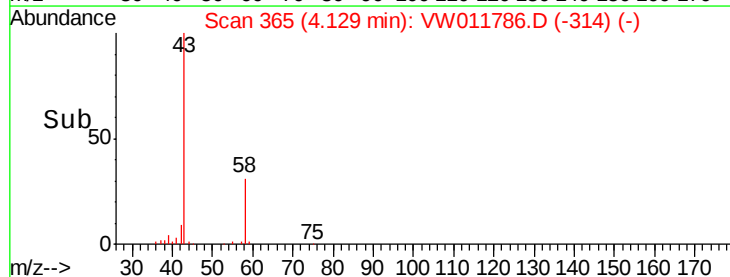
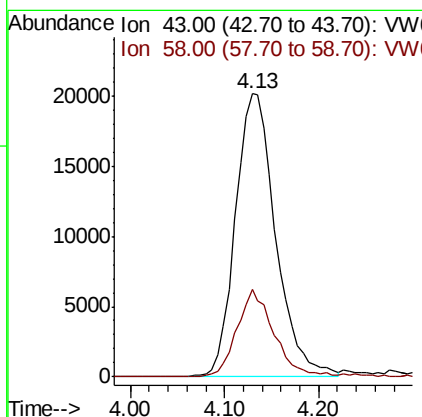
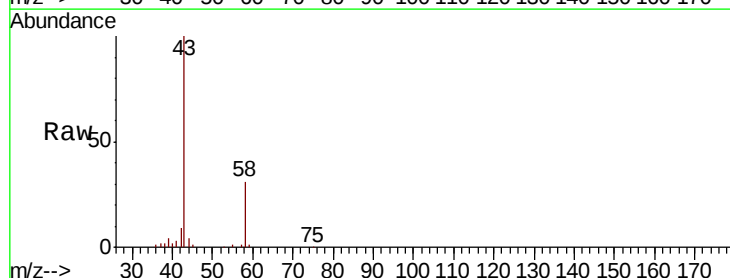
Tgt Ion: 59 Resp: 1730
 Ion Ratio Lower Upper
 59 100
 57 3.2 8.5 12.7#

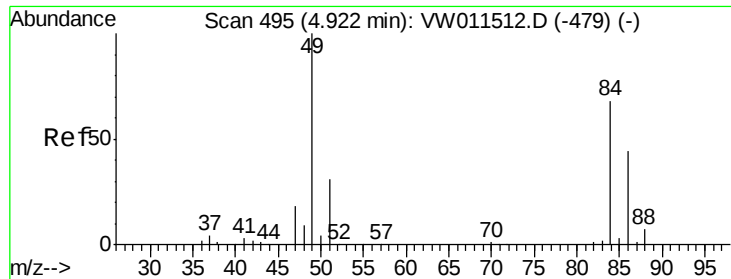


#16

Acetone
 Concen: 72.905 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW011786.D
 Acq: 08 Aug 2019 23:47

Tgt Ion: 43 Resp: 60363
 Ion Ratio Lower Upper
 43 100
 58 31.0 22.3 33.5

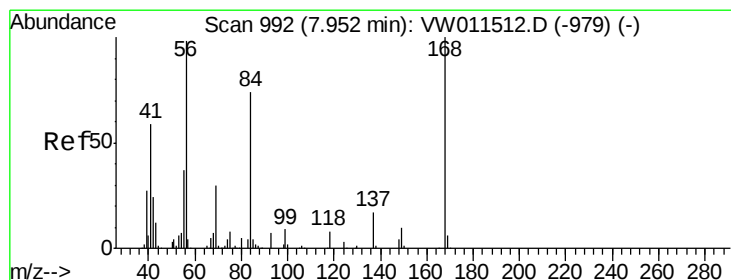
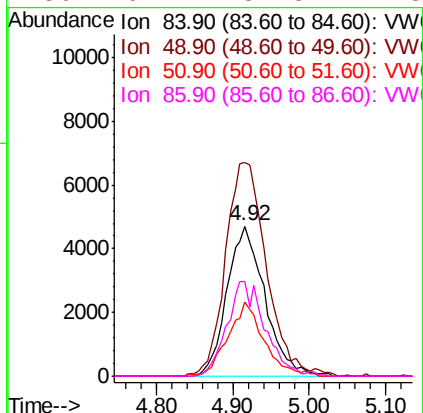
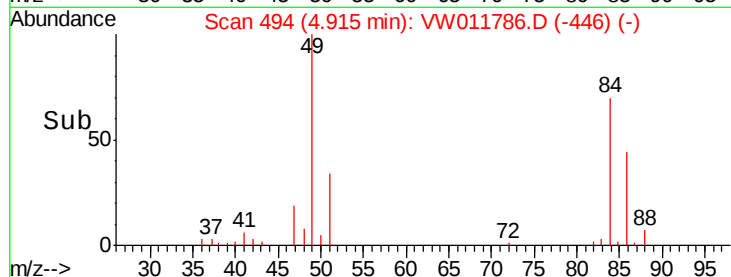
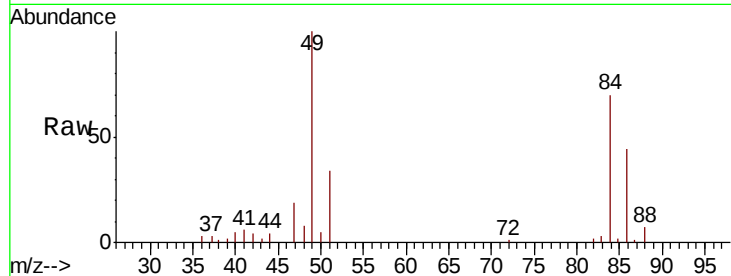




#20
Methylene Chloride
Concen: 5.682 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011786.D
Acq: 08 Aug 2019 23:47

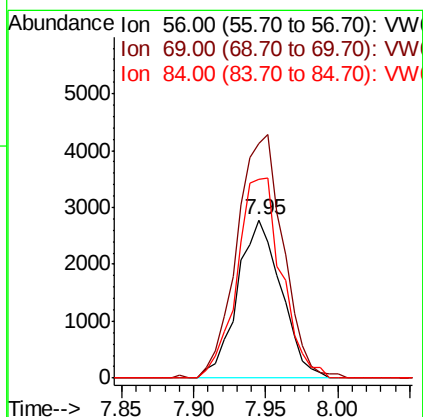
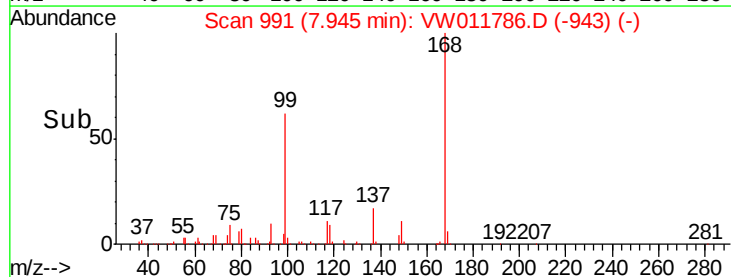
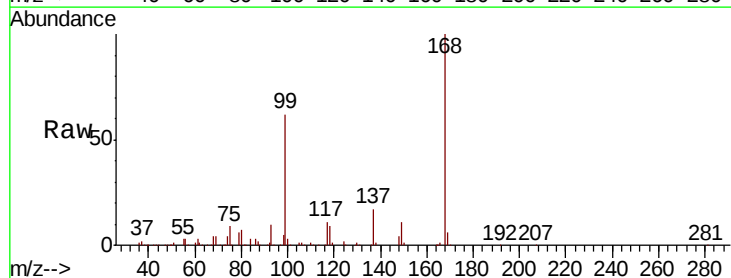
Instrument :
MSVOA_W
ClientSampled :
2S-F2-(0)

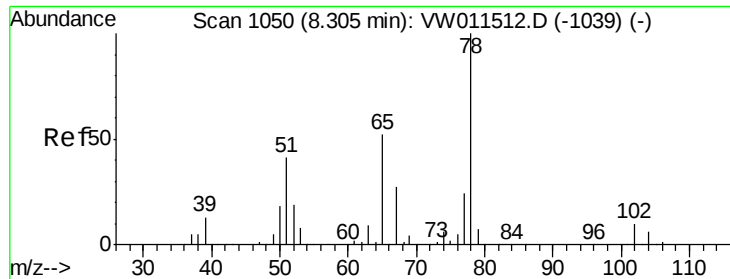
Tgt Ion:	84	Resp:	16225
Ion	Ratio	Lower	Upper
84	100		
49	142.1	117.8	176.6
51	49.0	37.0	55.4
86	62.7	51.8	77.8



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011786.D
Acq: 08 Aug 2019 23:47

Tgt Ion:	56	Resp:	5903
Ion	Ratio	Lower	Upper
56	100		
69	148.3	24.3	36.5#
84	125.7	60.4	90.6#

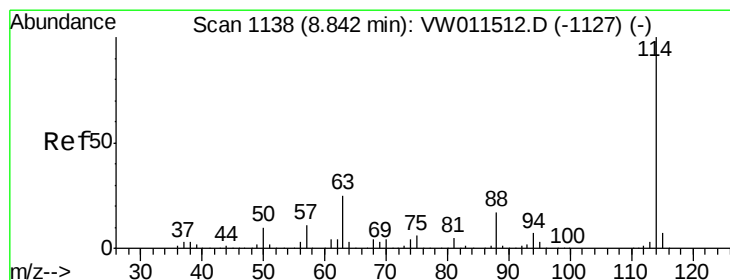
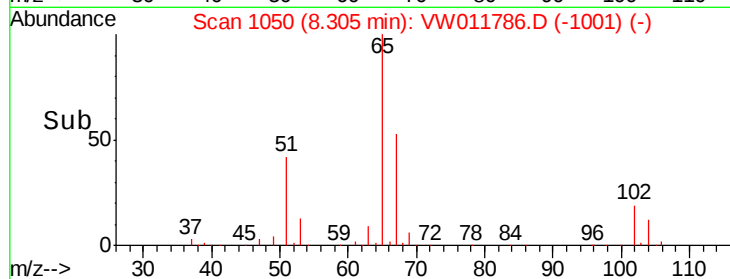
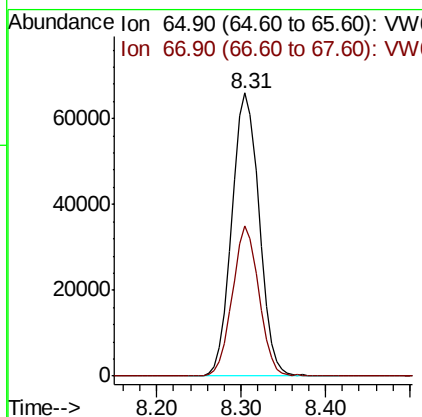
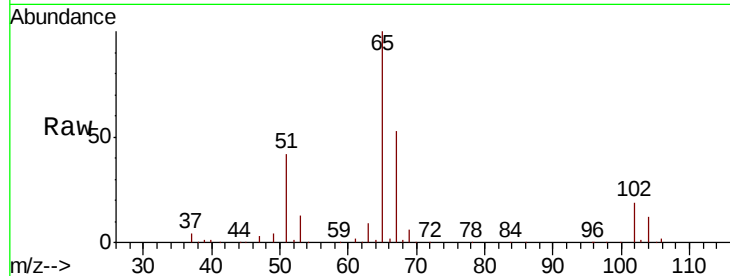




#33
 1,2-Dichloroethane-d4
 Concen: 55.716 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011786.D
 Acq: 08 Aug 2019 23:47

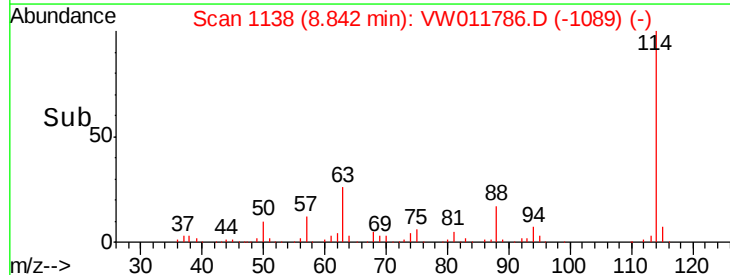
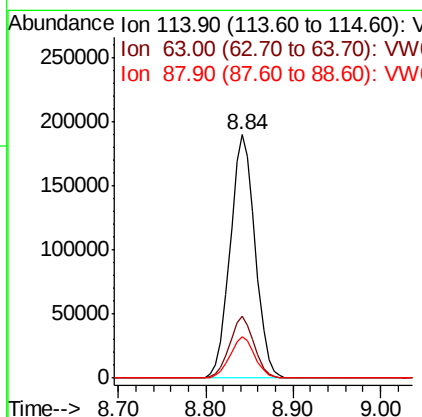
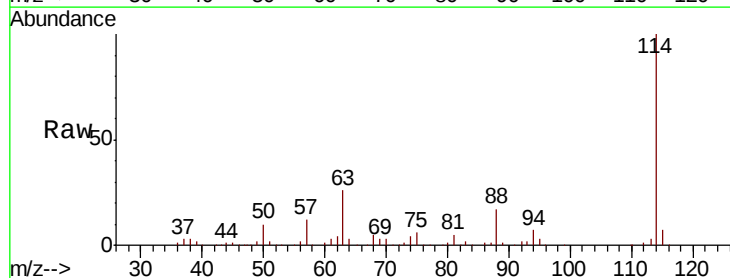
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-F2-(0)

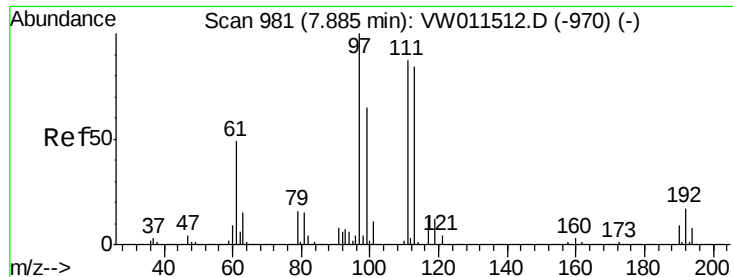
Tgt Ion: 65 Resp: 145020
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011786.D
 Acq: 08 Aug 2019 23:47

Tgt Ion: 114 Resp: 374982
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.1 0.0 33.8

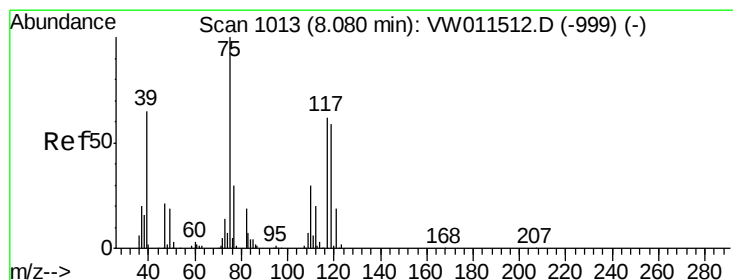
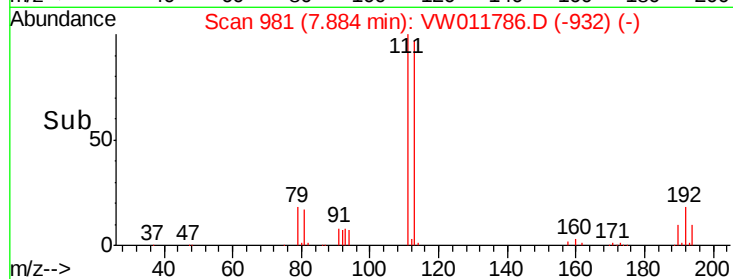
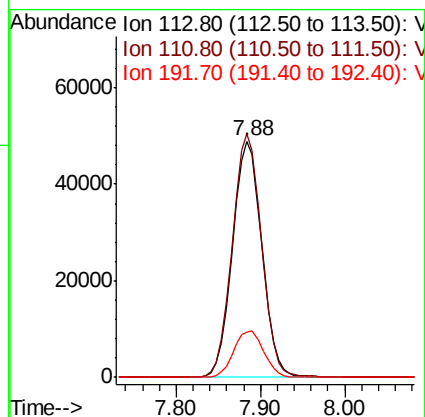
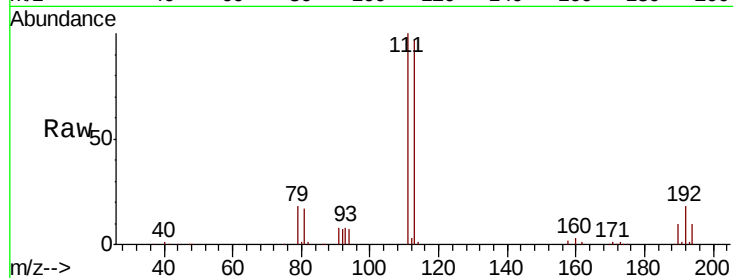




#35
 Dibromofluoromethane
 Concen: 54.664 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011786.D
 Acq: 08 Aug 2019 23:47

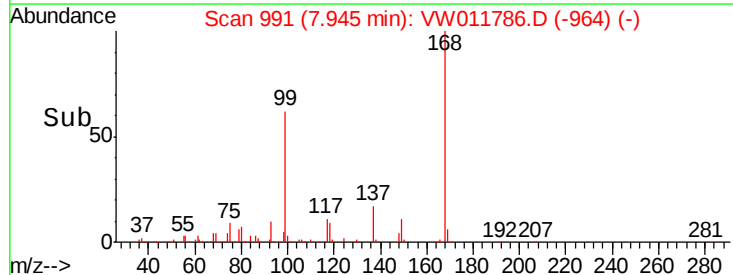
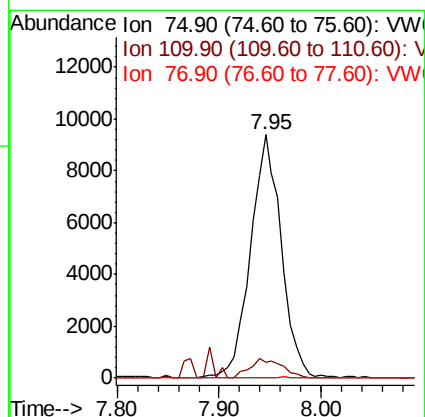
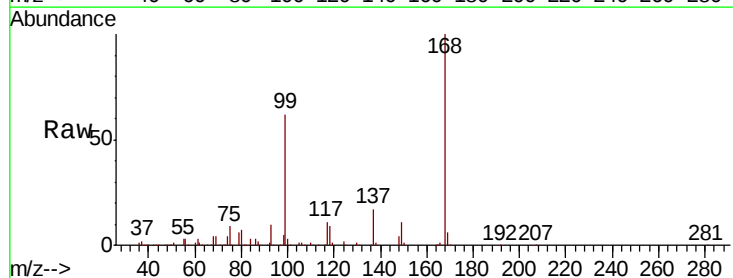
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-F2-(0)

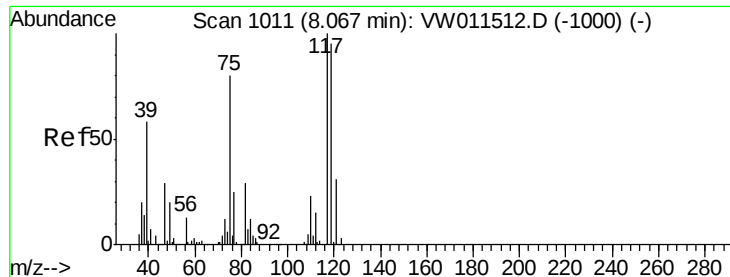
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	20.0	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.071 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011786.D
 Acq: 08 Aug 2019 23:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	15.6	46.8#
77	0.0	24.3	36.5#

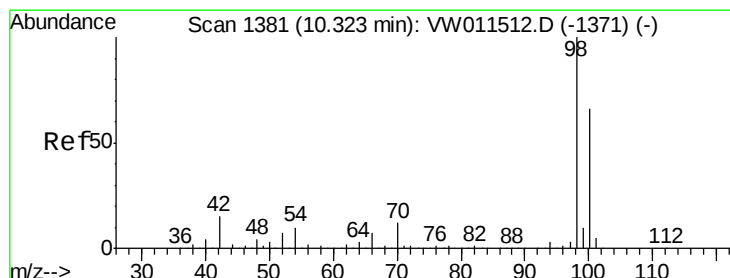
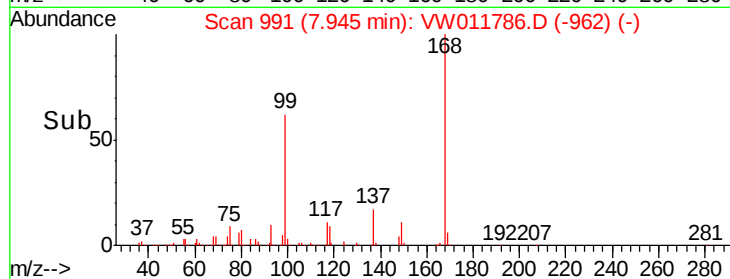
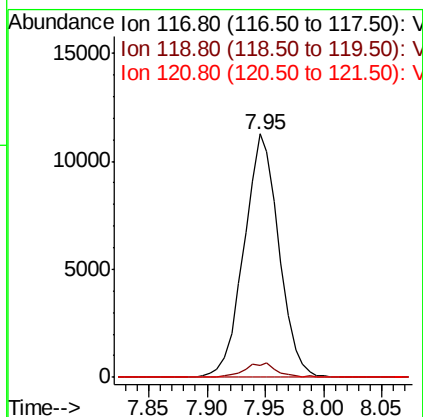
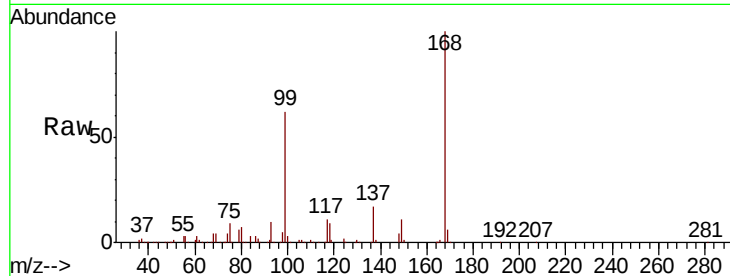




#38
Carbon Tetrachloride
Concen: 7.015 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011786.D
Acq: 08 Aug 2019 23:47

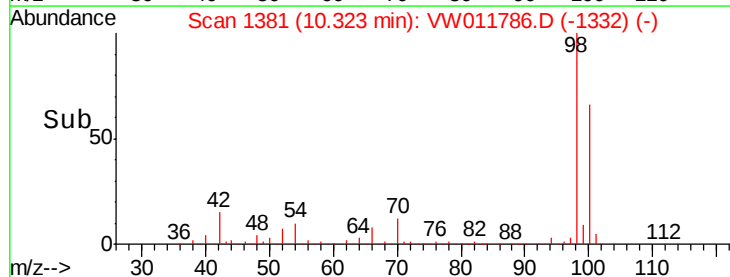
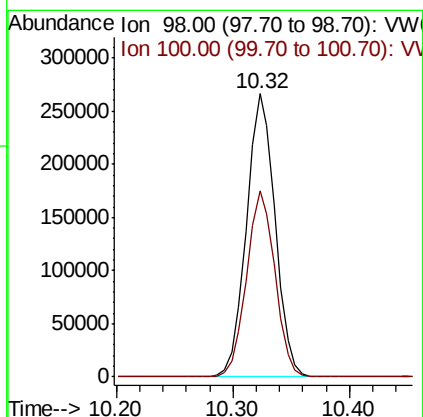
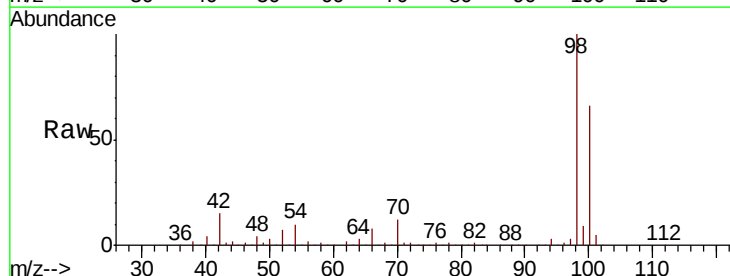
Instrument :
MSVOA_W
ClientSampleId :
2S-F2-(0)

Tgt Ion:117 Resp: 23414
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.099 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011786.D
Acq: 08 Aug 2019 23:47

Tgt Ion: 98 Resp: 457357
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 46.739 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011786.D

Acq: 08 Aug 2019 23:47

Instrument :

MSVOA_W

ClientSampleId :

2S-F2-(0)

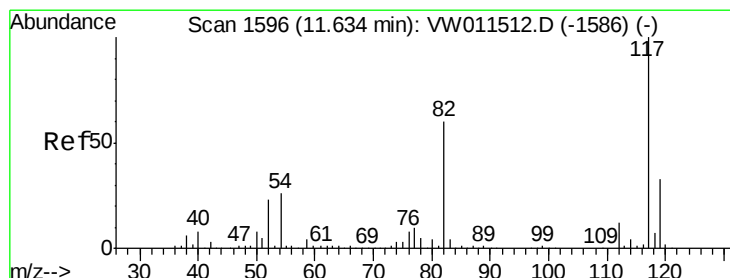
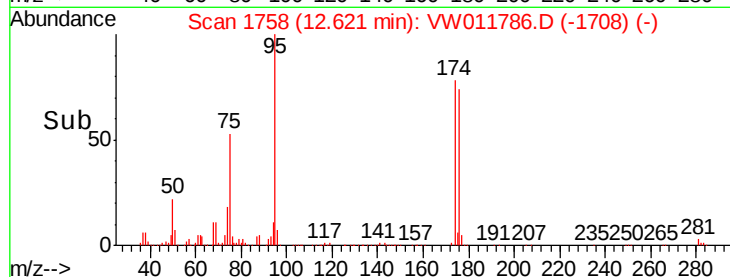
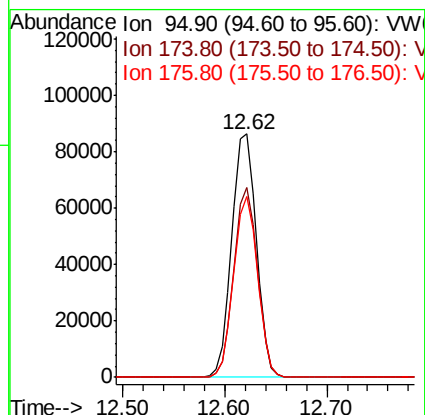
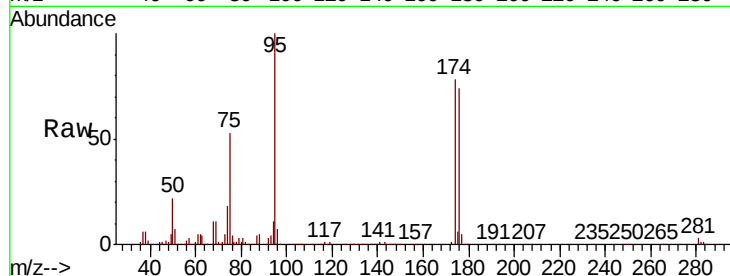
Tgt Ion: 95 Resp: 143525

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.2

176 72.4 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: VW011786.D

Acq: 08 Aug 2019 23:47

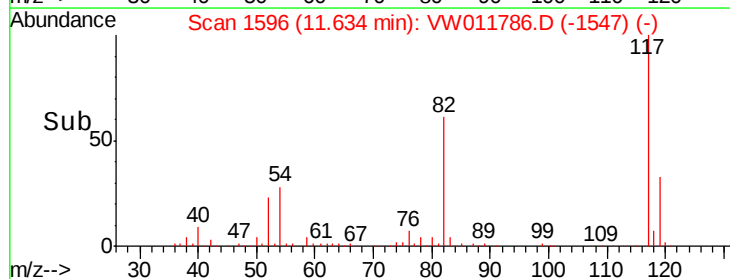
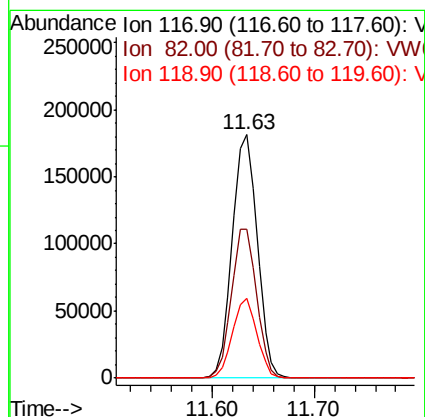
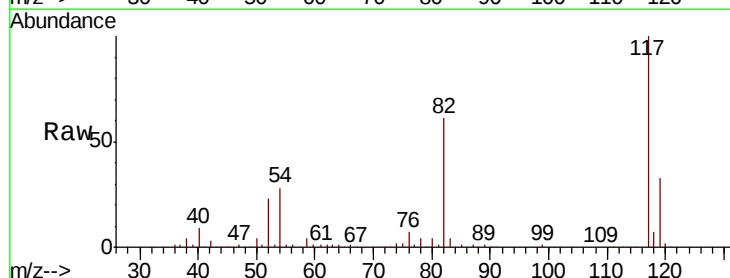
Tgt Ion: 117 Resp: 307547

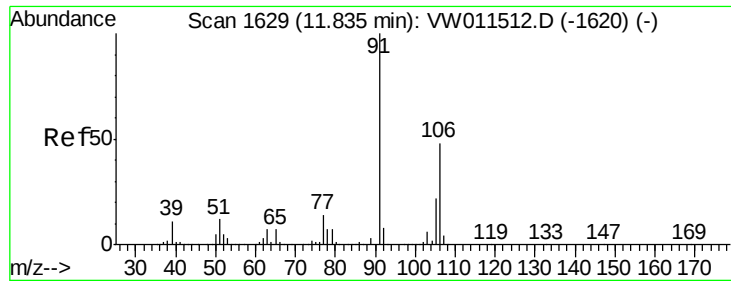
Ion Ratio Lower Upper

117 100

82 61.0 47.9 71.9

119 32.7 26.2 39.2

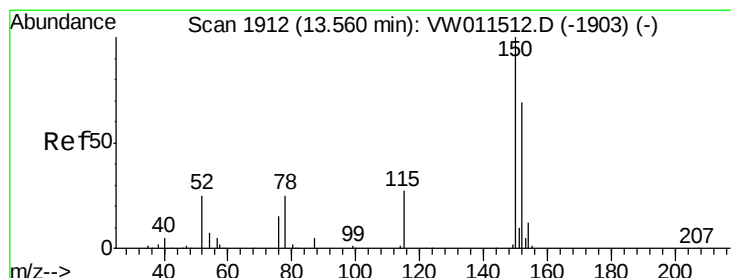
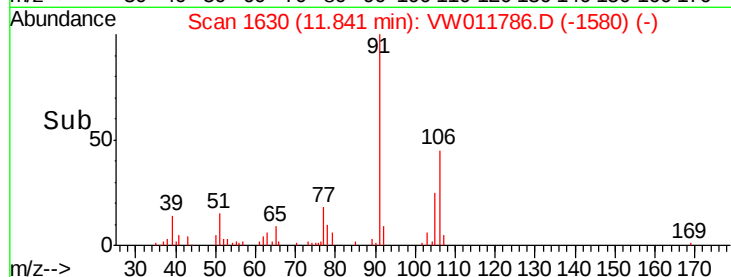
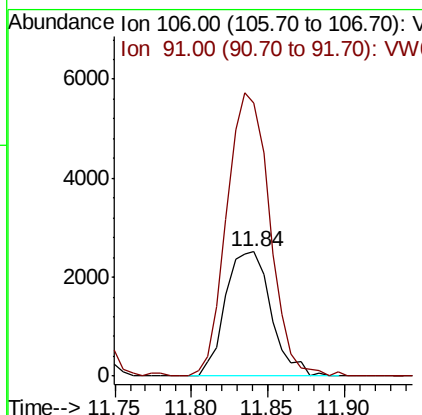
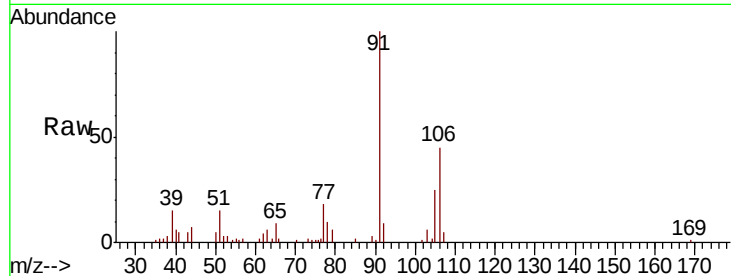




#68
m/p-Xylenes
Concen: 1.204 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011786.D
Acq: 08 Aug 2019 23:47

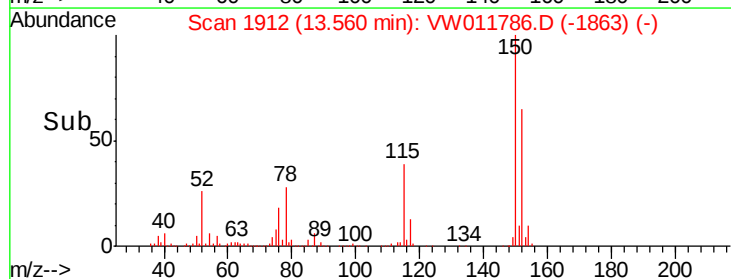
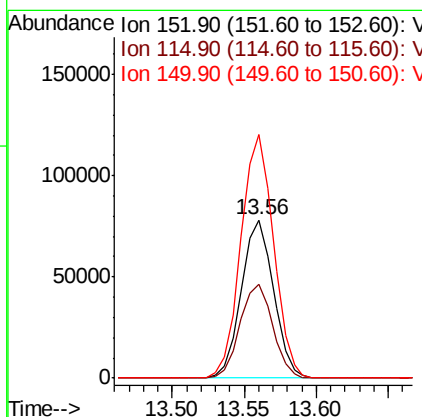
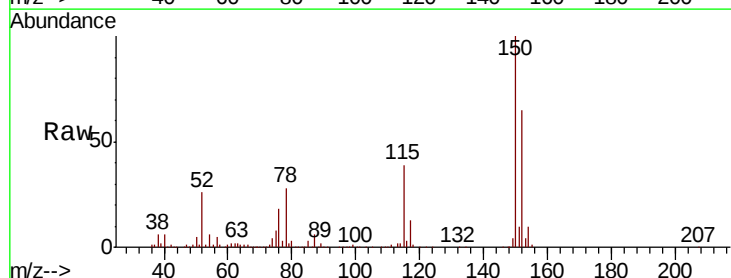
Instrument :
MSVOA_W
ClientSampleId :
2S-F2-(0)

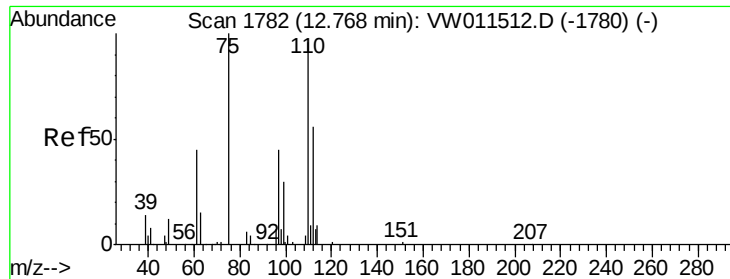
Tgt Ion:106 Resp: 5156
Ion Ratio Lower Upper
106 100
91 216.1 168.2 252.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011786.D
Acq: 08 Aug 2019 23:47

Tgt Ion:152 Resp: 121123
Ion Ratio Lower Upper
152 100
115 60.6 30.5 91.5
150 156.2 0.0 352.6





#76

1,2,3-Trichloropropane

Concen: 59.358 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011786.D

Acq: 08 Aug 2019 23:47

Instrument :

MSVOA_W

ClientSampled :

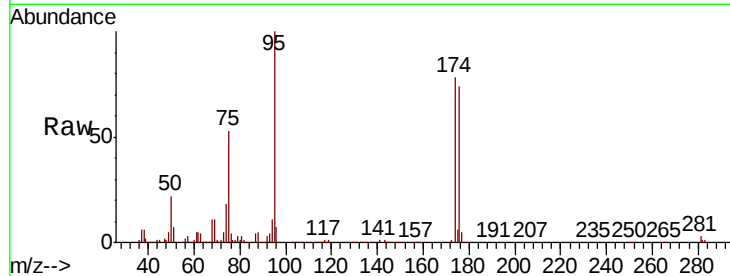
2S-F2-(0)

Tgt Ion: 75 Resp: 76075

Ion Ratio Lower Upper

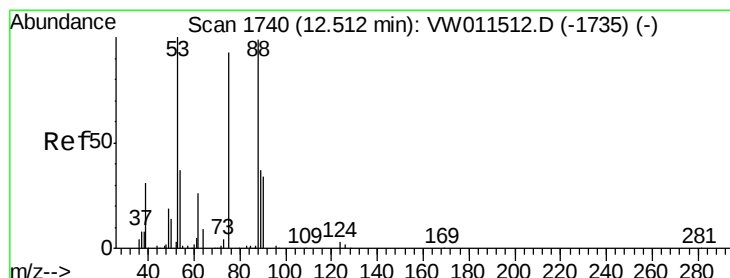
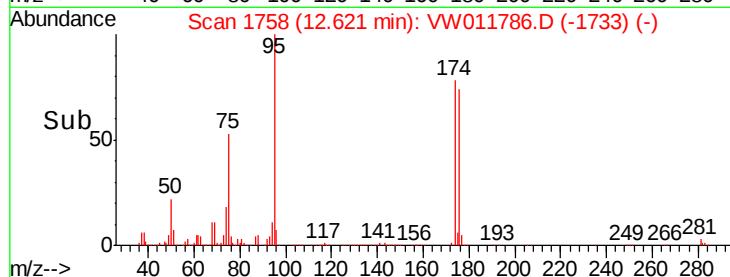
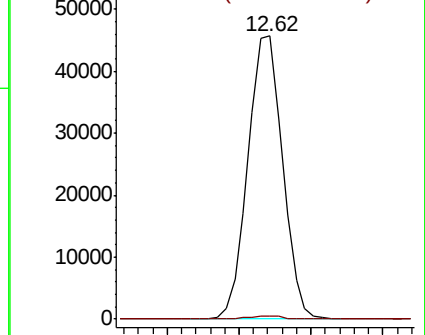
75 100

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: 136.801 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011786.D

Acq: 08 Aug 2019 23:47

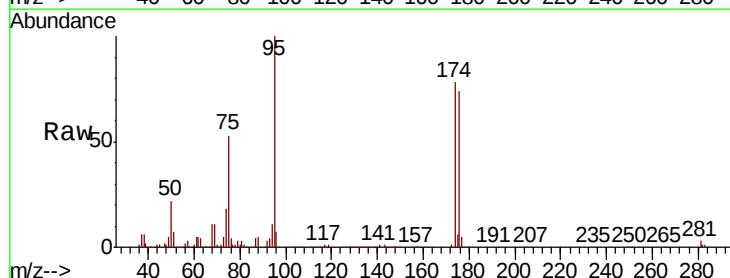
Tgt Ion: 75 Resp: 76075

Ion Ratio Lower Upper

75 100

53 0.0 88.0 132.0#

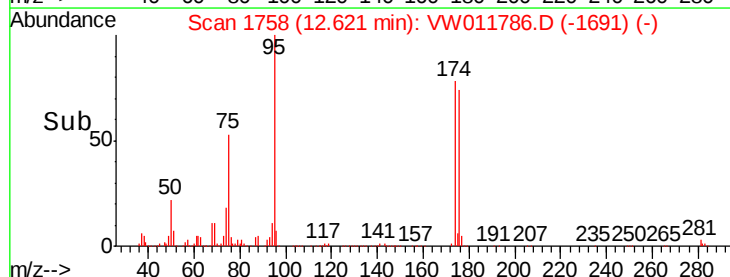
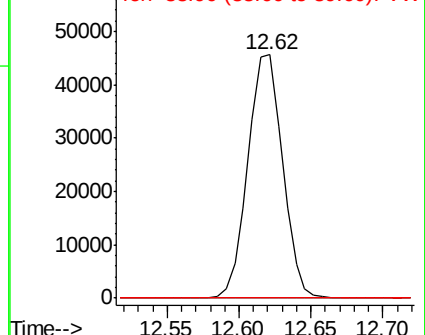
89 0.1 35.3 52.9#

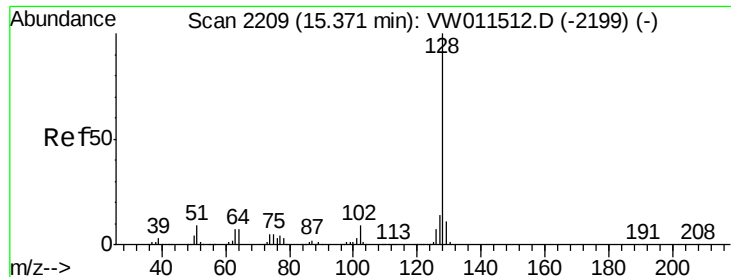


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

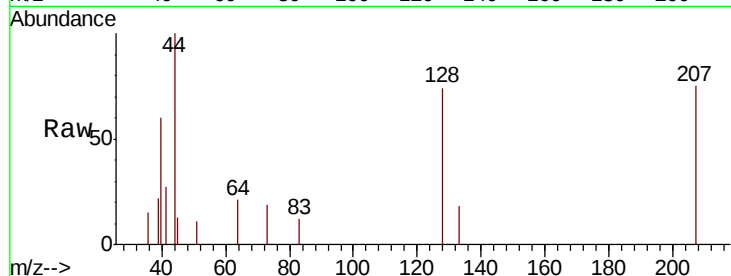




#95
Naphthalene
Concen: 2.193 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011786.D
Acq: 08 Aug 2019 23:47

Instrument :
MSVOA_W
ClientSampleId :
2S-F2-(0)

Tgt Ion:128 Resp: 632
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

