

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012330.D
 Acq On : 30 Aug 2019 04:07
 Operator : SY/VA
 Sample : K4568-19
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-7.5-8.0

Quant Time: Aug 30 06:55:53 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	240772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131053	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	138684	48.45	ug/l	0.00
Spiked Amount	50.000			Recovery	=	96.90%	
35) Dibromofluoromethane		7.88	113	117183	50.04	ug/l	0.00
Spiked Amount	50.000			Recovery	=	100.08%	
50) Toluene-d8		10.32	98	471932	49.71	ug/l	0.00
Spiked Amount	50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene		12.62	95	148461	44.36	ug/l	0.00
Spiked Amount	50.000			Recovery	=	88.72%	

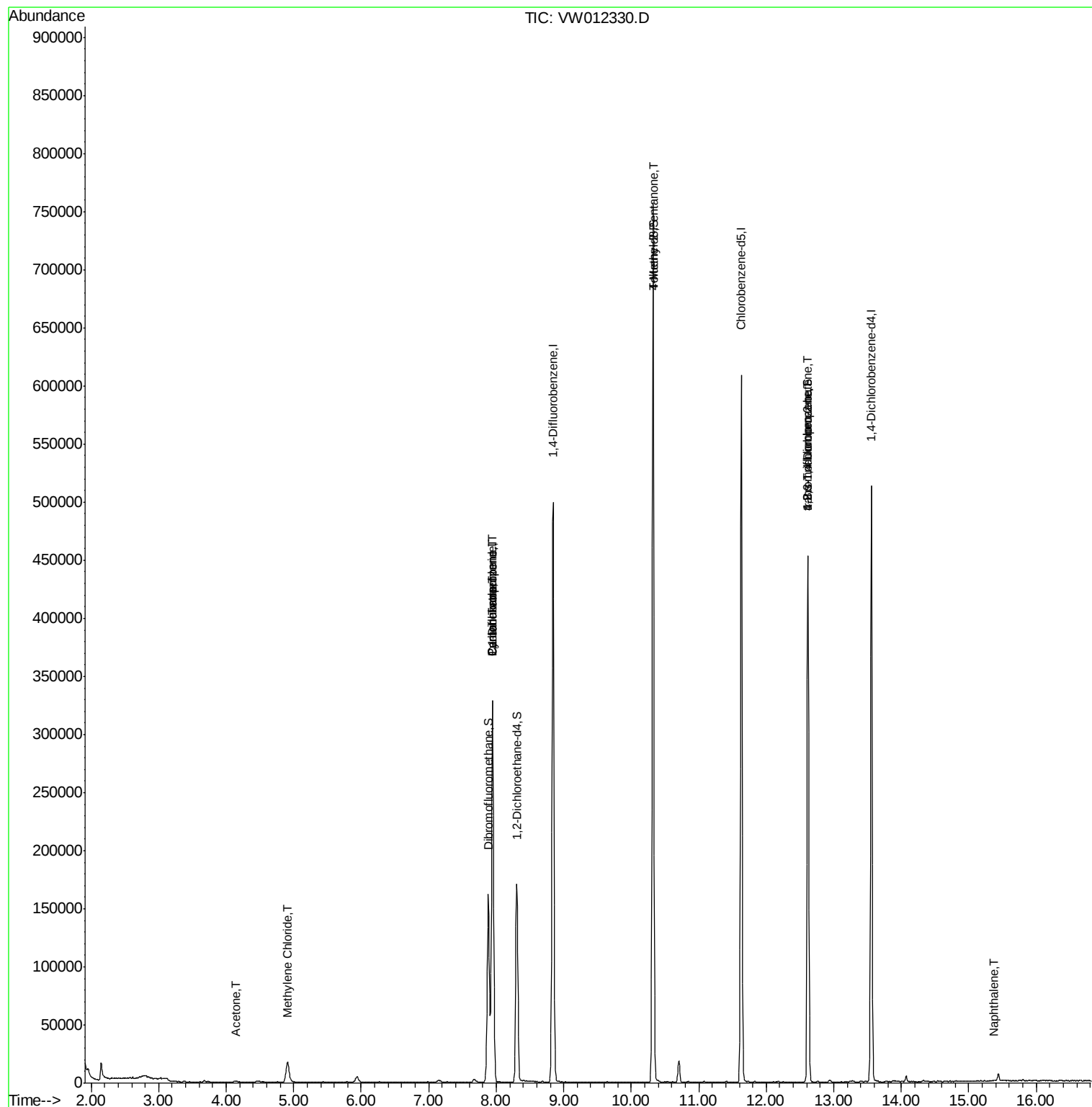
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	1871	2.557	ug/l #	82
20) Methylene Chloride	4.90	84	11879	4.295	ug/l	97
31) Cyclohexane	7.94	56	5921	1.149	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20735	5.115	ug/l #	52
38) Carbon Tetrachloride	7.94	117	23807	6.785	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	2871	1.372	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	78993	61.889	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78993	135.694	ug/l #	6
95) Naphthalene	15.38	128	375	4.390	ug/l #	69

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

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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: VW012330.D

Acq: 30 Aug 2019 04:07

Instrument :

MSVOA_W

ClientSampleId :

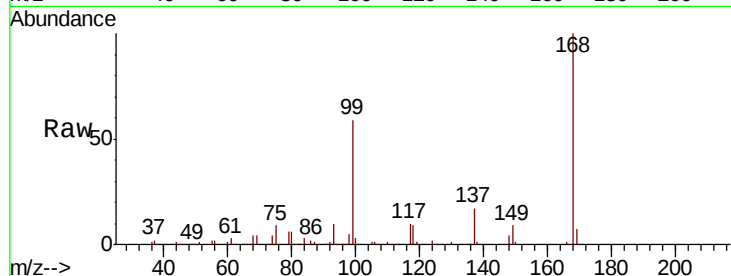
SB-38-7.5-8.0

Tgt Ion:168 Resp: 240772

Ion Ratio Lower Upper

168 100

99 59.4 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

120000

100000

80000

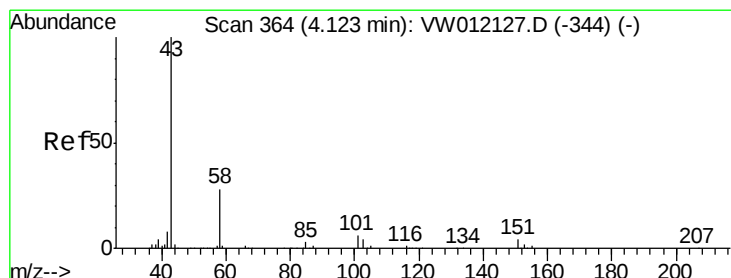
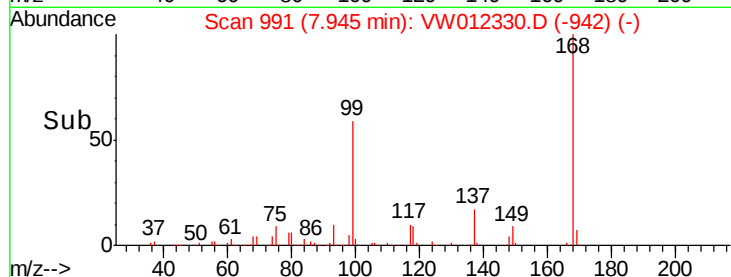
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40000

20000

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Time-->



#16

Acetone

Concen: 2.557 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012330.D

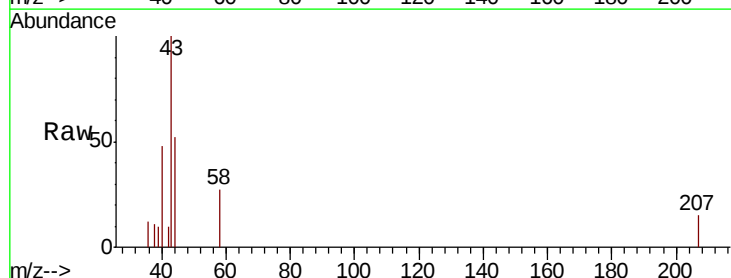
Acq: 30 Aug 2019 04:07

Tgt Ion: 43 Resp: 1871

Ion Ratio Lower Upper

43 100

58 18.7 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

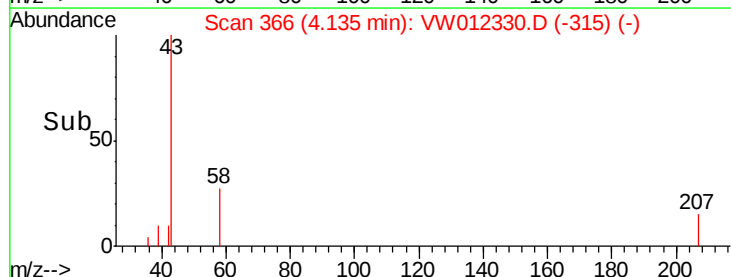
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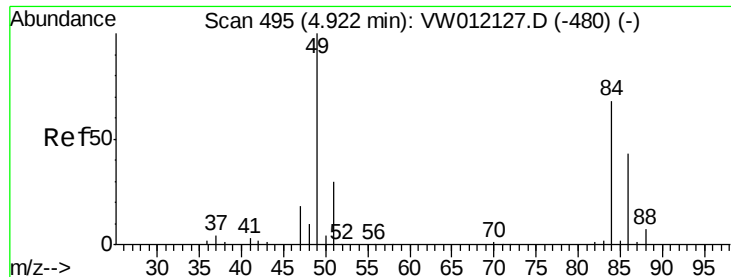
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Time-->

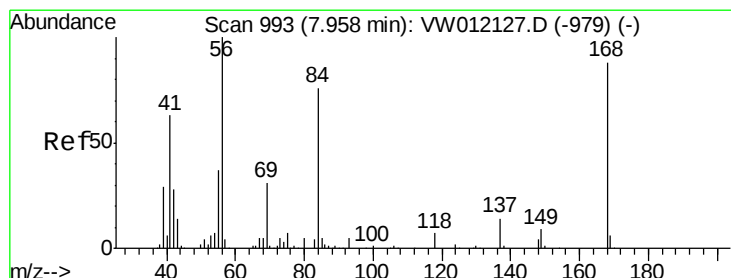
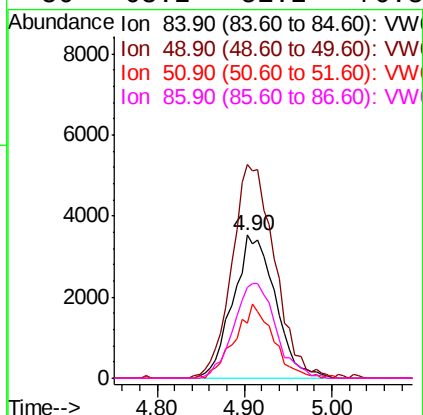
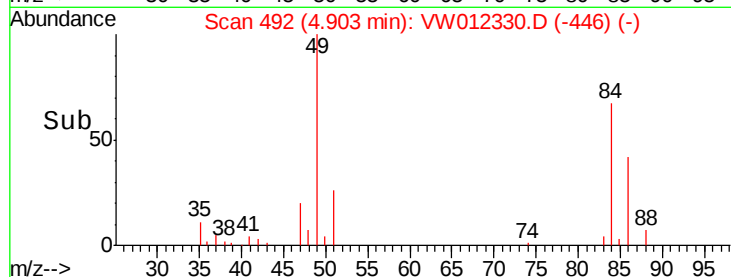
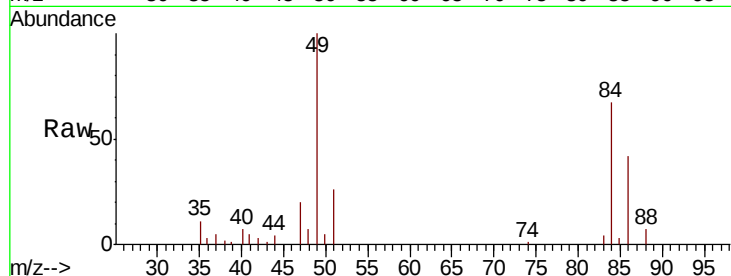




#20
Methylene Chloride
Concen: 4.295 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012330.D
Acq: 30 Aug 2019 04:07

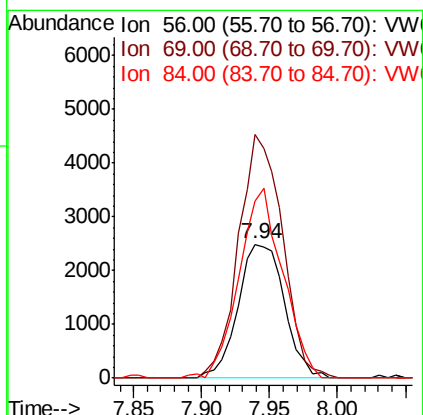
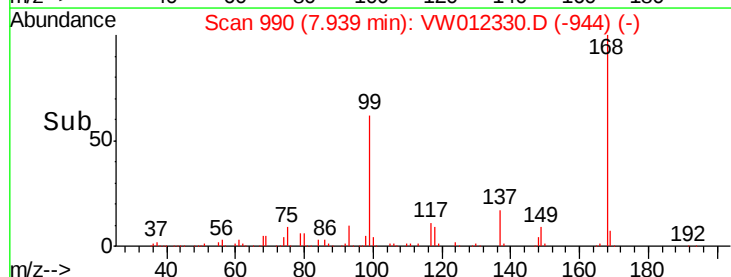
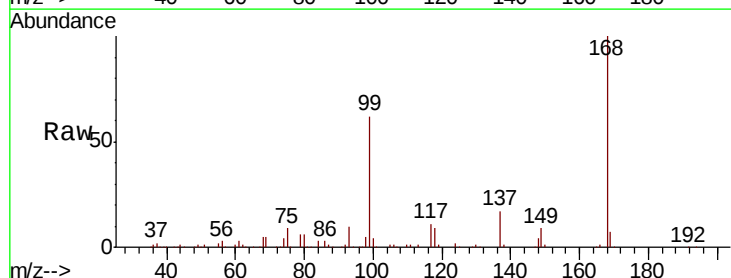
Instrument :
MSVOA_W
ClientSampleId :
SB-38-7.5-8.0

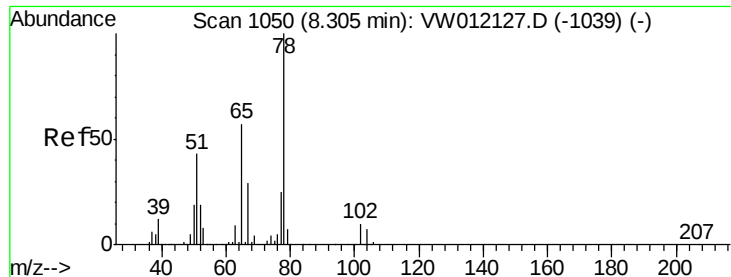
Tgt Ion:	84	Resp:	11879
Ion	Ratio	Lower	Upper
84	100		
49	149.5	117.8	176.8
51	38.5	35.6	53.4
86	63.2	51.2	76.8



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW012330.D
Acq: 30 Aug 2019 04:07

Tgt Ion:	56	Resp:	5921
Ion	Ratio	Lower	Upper
56	100		
69	181.6	24.9	37.3#
84	131.9	60.6	90.8#

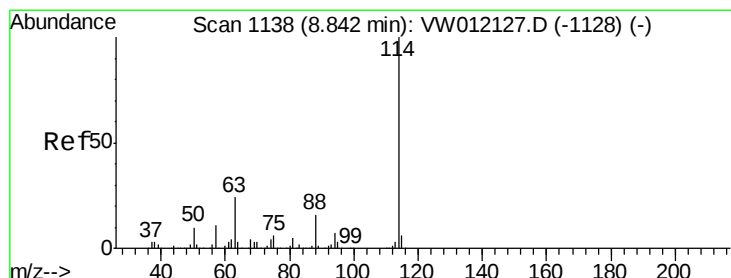
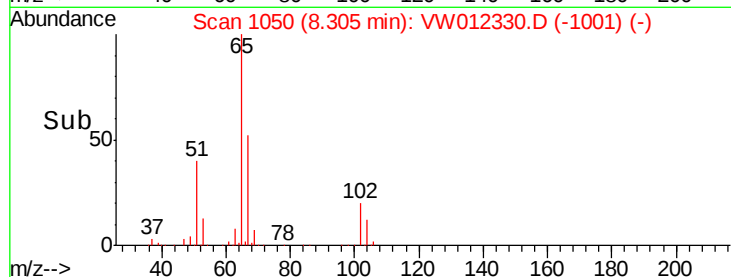
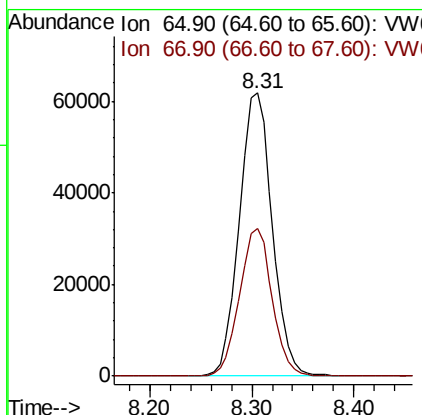
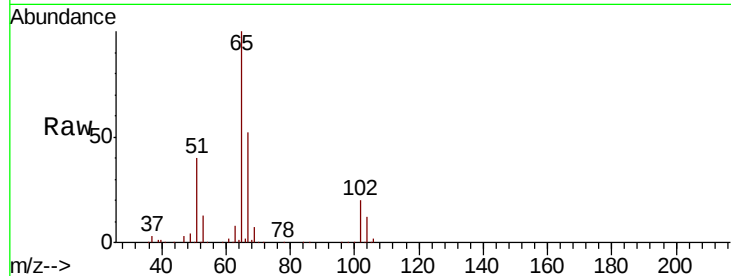




#33
 1,2-Dichloroethane-d4
 Concen: 48.454 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012330.D
 Acq: 30 Aug 2019 04:07

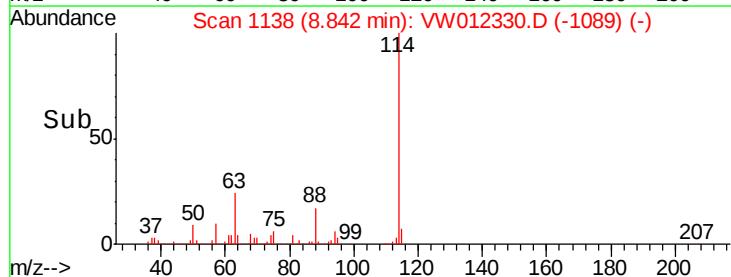
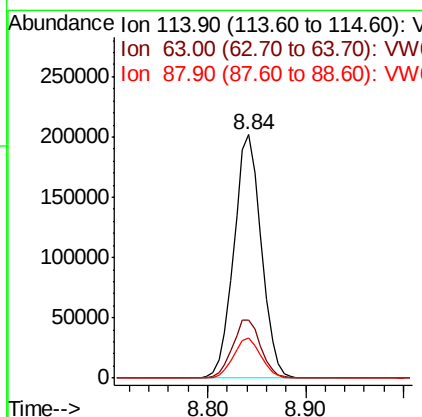
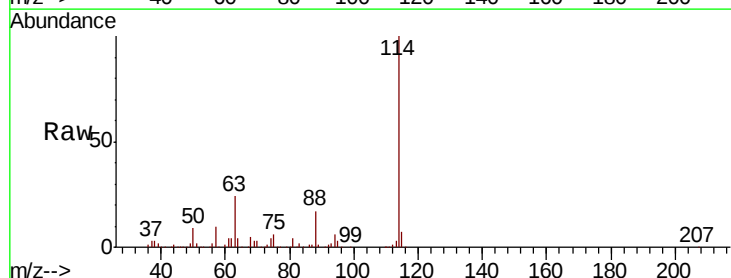
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-7.5-8.0

Tgt Ion: 65 Resp: 138684
 Ion Ratio Lower Upper
 65 100
 67 51.6 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: VW012330.D
 Acq: 30 Aug 2019 04:07

Tgt Ion: 114 Resp: 392285
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 48.6
 88 16.6 0.0 32.2

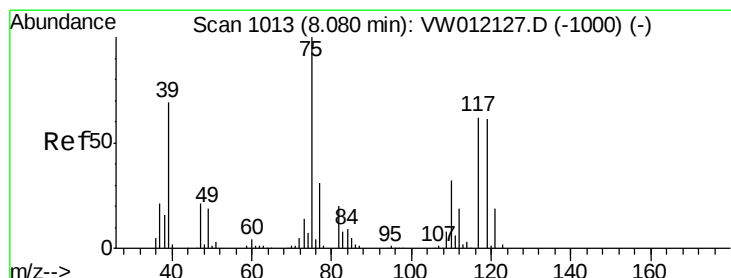
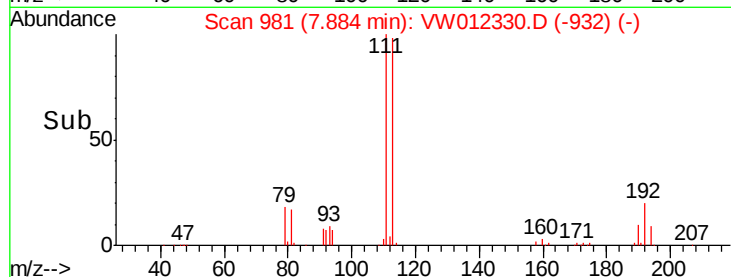
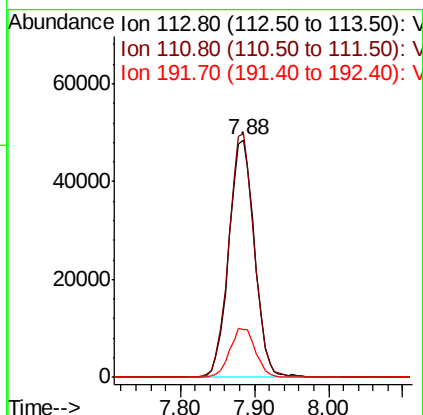
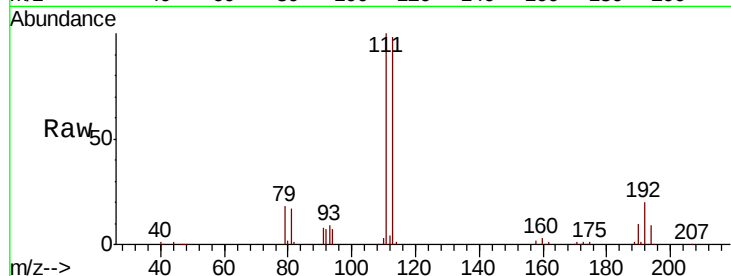




#35
 Dibromofluoromethane
 Concen: 50.045 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012330.D
 Acq: 30 Aug 2019 04:07

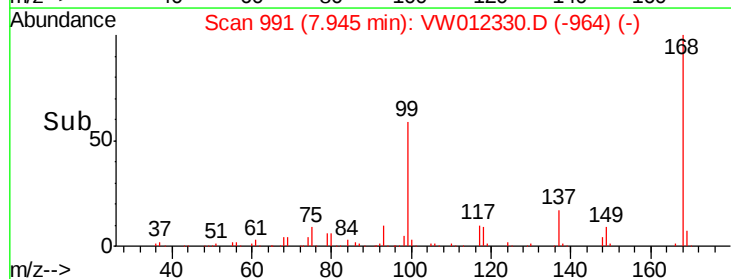
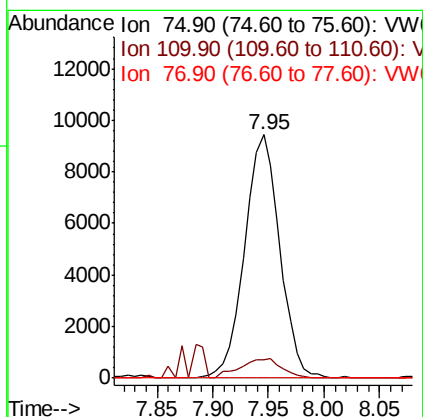
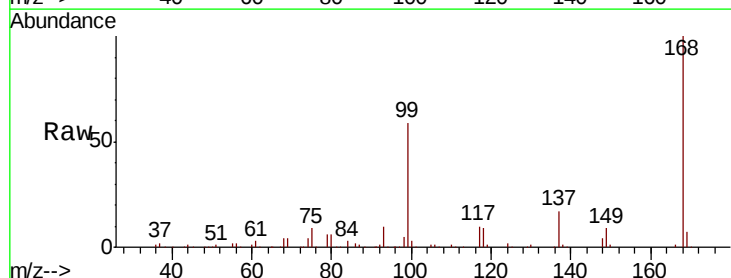
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-7.5-8.0

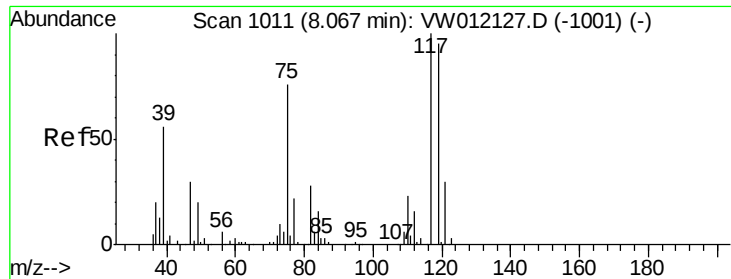
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.7	124.1
192	20.6	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.115 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012330.D
 Acq: 30 Aug 2019 04:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	15.6	46.8#
77	0.0	24.6	36.8#

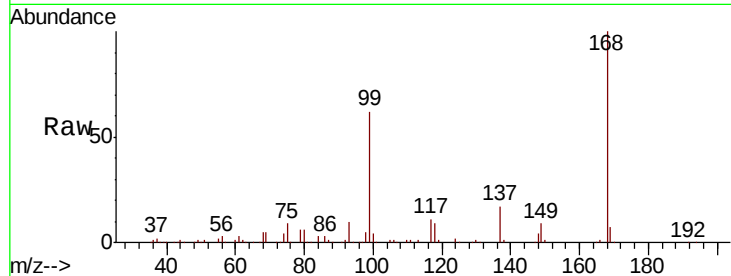




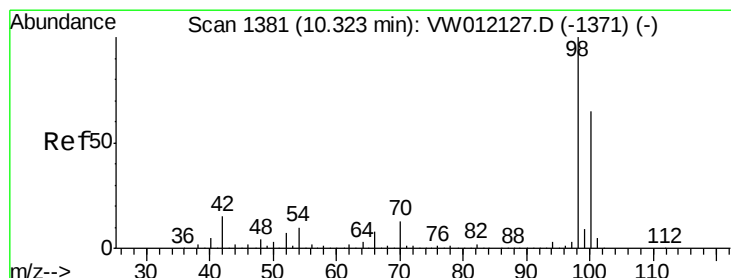
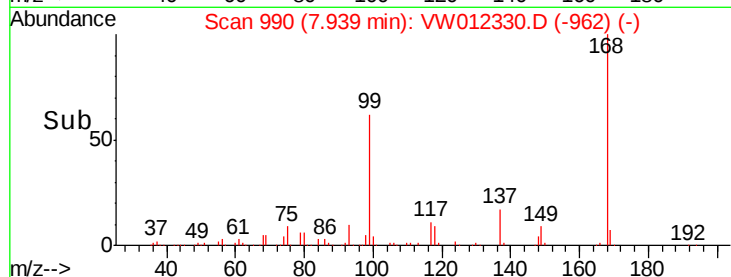
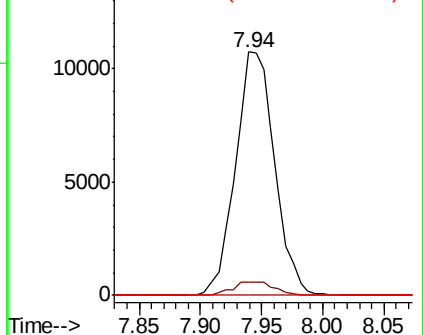
#38
Carbon Tetrachloride
Concen: 6.785 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW012330.D
Acq: 30 Aug 2019 04:07

Instrument :
MSVOA_W
ClientSampleId :
SB-38-7.5-8.0

Tgt Ion: 117 Resp: 23807
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 23.8 35.8#

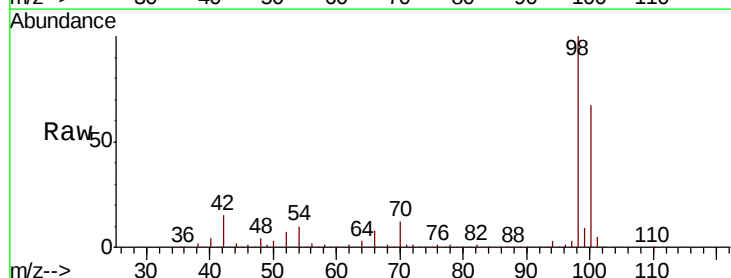


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

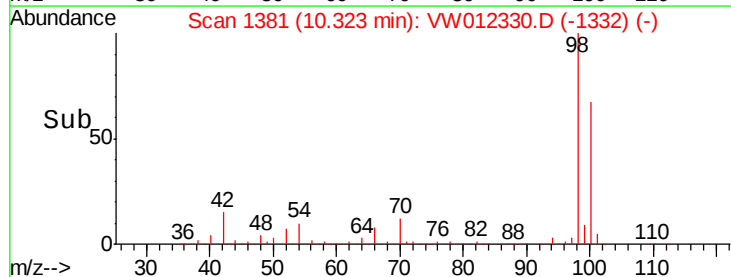
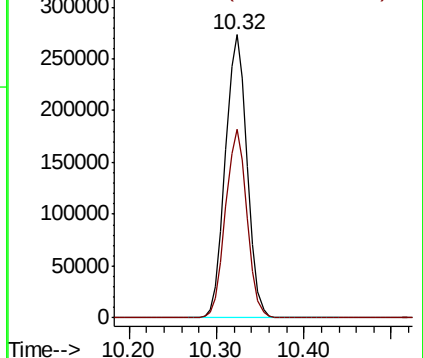


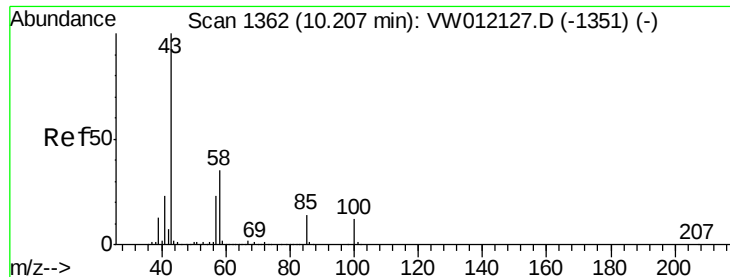
#50
Toluene-d8
Concen: 49.707 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012330.D
Acq: 30 Aug 2019 04:07

Tgt Ion: 98 Resp: 471932
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



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

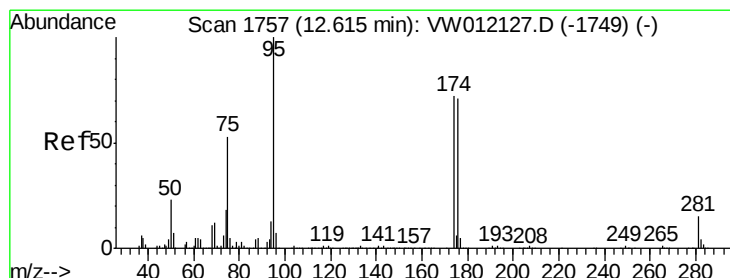
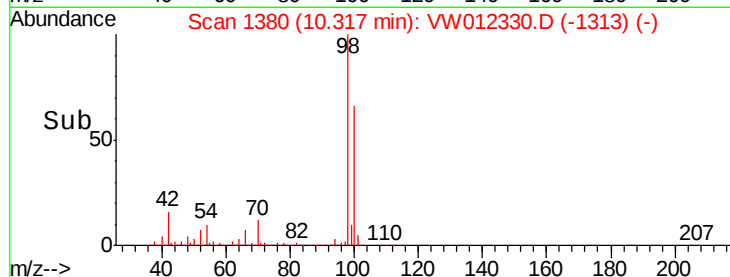
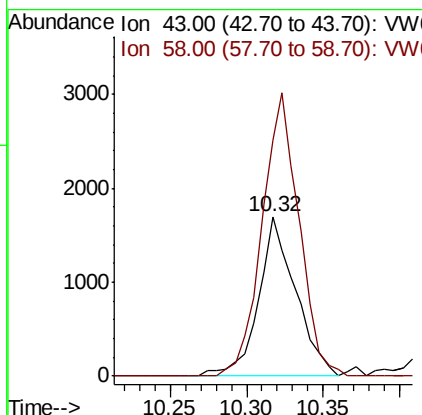
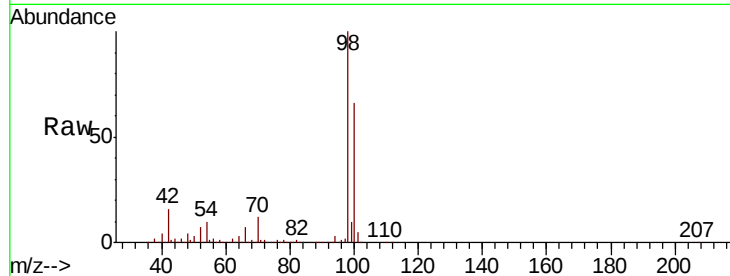




#51
 4-Methyl-2-Pentanone
 Concen: 1.372 ug/l
 RT: 10.32 min Scan# 1380
 Delta R.T. 0.11 min
 Lab File: VW012330.D
 Acq: 30 Aug 2019 04:07

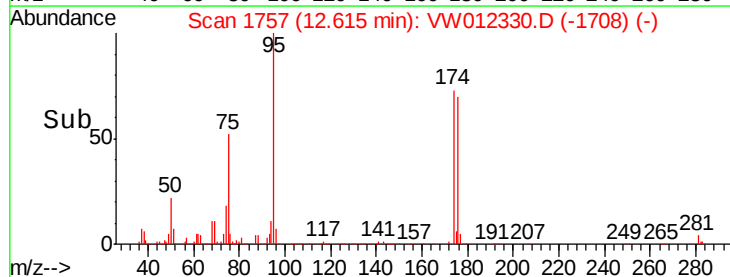
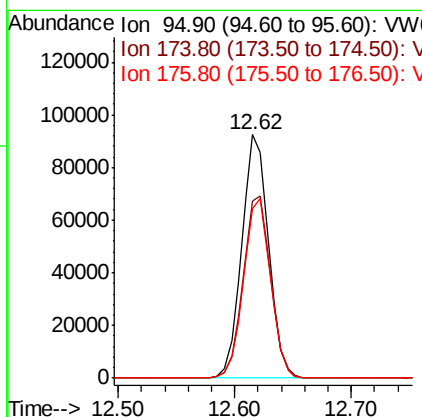
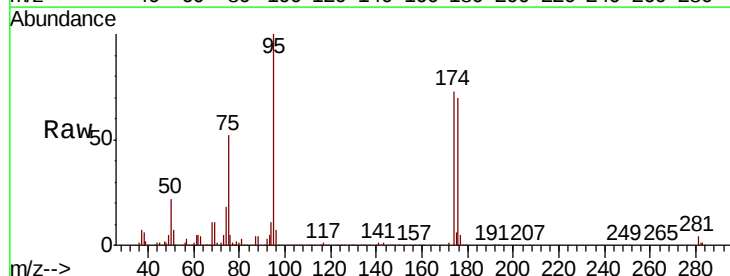
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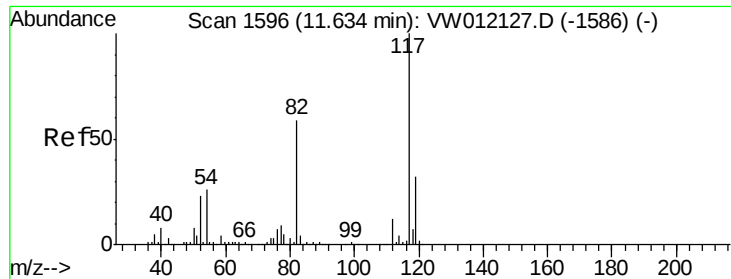
Tgt Ion: 43 Resp: 2871
 Ion Ratio Lower Upper
 43 100
 58 176.2 28.2 42.2#



#62
 4-Bromofluorobenzene
 Concen: 44.360 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012330.D
 Acq: 30 Aug 2019 04:07

Tgt Ion: 95 Resp: 148461
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 150.8
 176 74.5 0.0 148.6

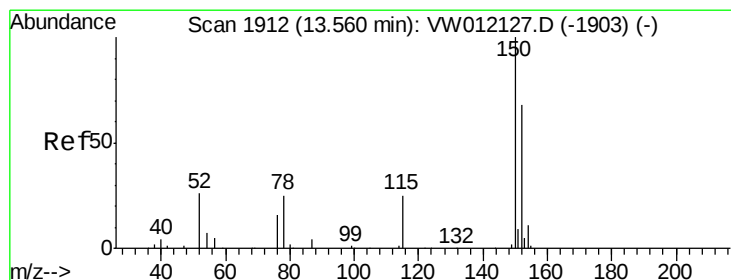
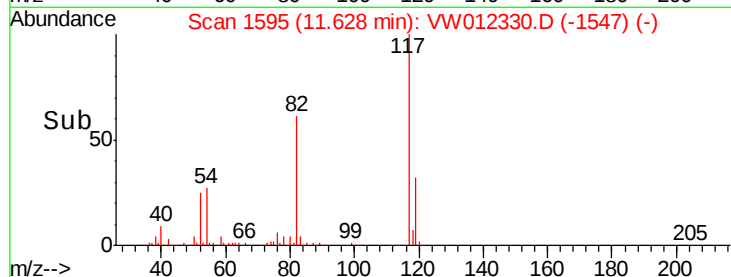
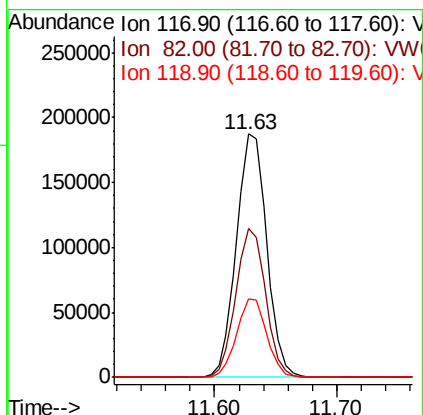
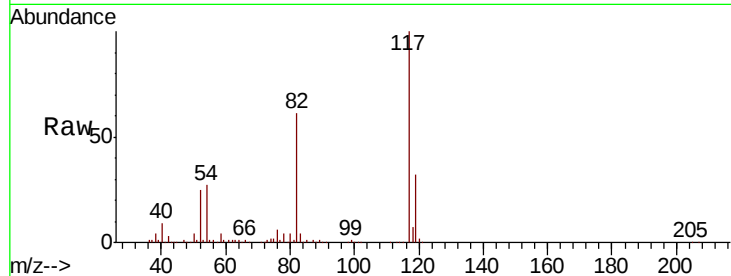




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012330.D
Acq: 30 Aug 2019 04:07

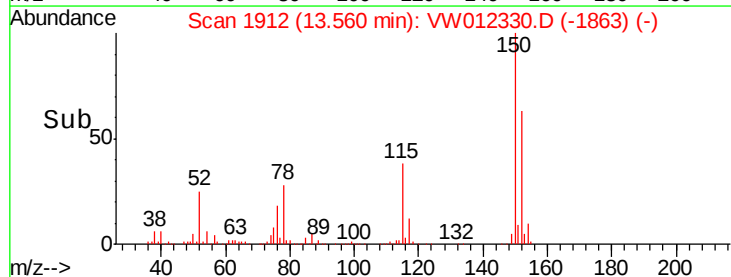
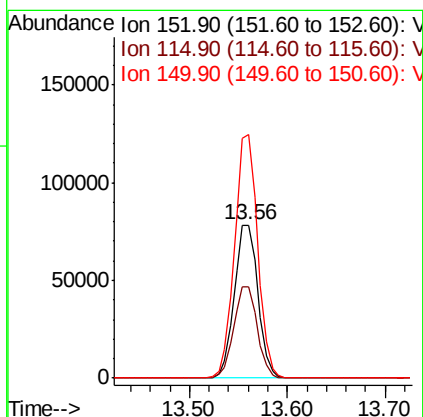
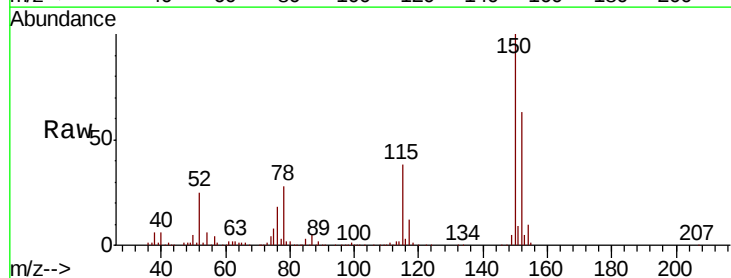
Instrument :
MSVOA_W
ClientSampleId :
SB-38-7.5-8.0

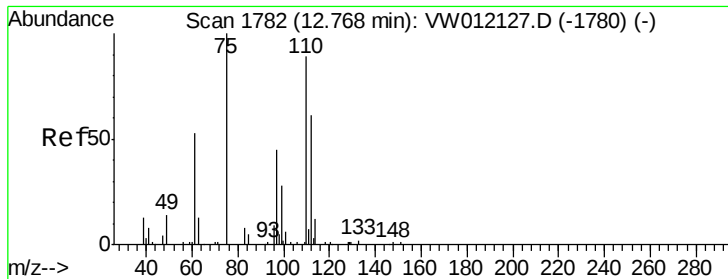
Tgt Ion:117 Resp: 321522
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012330.D
Acq: 30 Aug 2019 04:07

Tgt Ion:152 Resp: 131053
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.3
150 155.7 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 61.889 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012330.D

Acq: 30 Aug 2019 04:07

Instrument :

MSVOA_W

ClientSampleId :

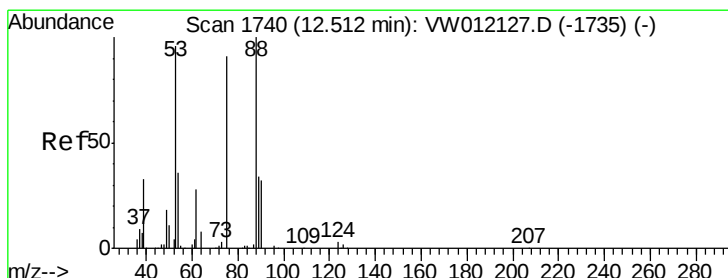
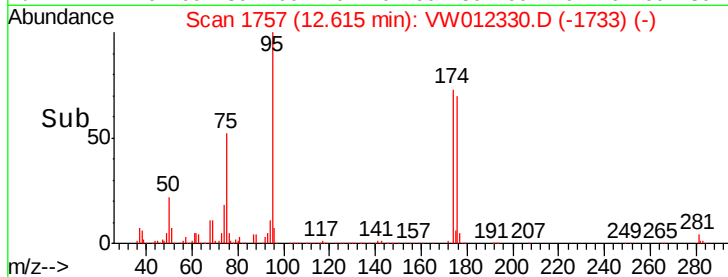
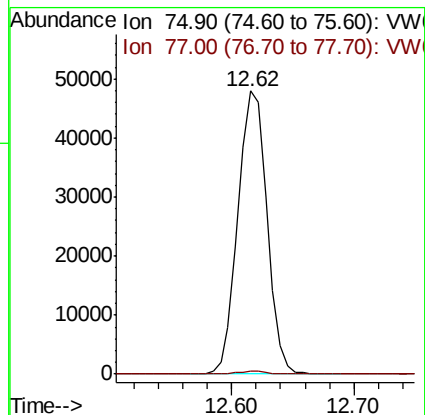
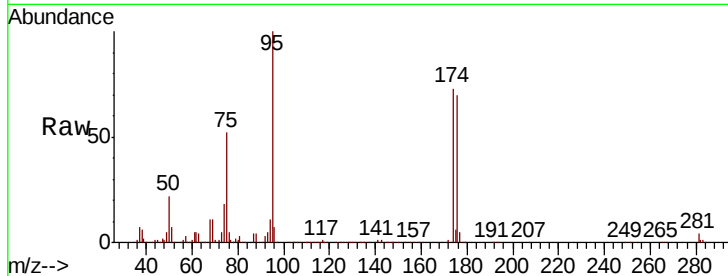
SB-38-7.5-8.0

Tgt Ion: 75 Resp: 78993

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.694 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012330.D

Acq: 30 Aug 2019 04:07

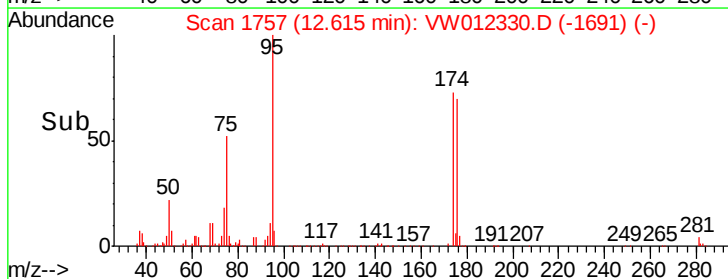
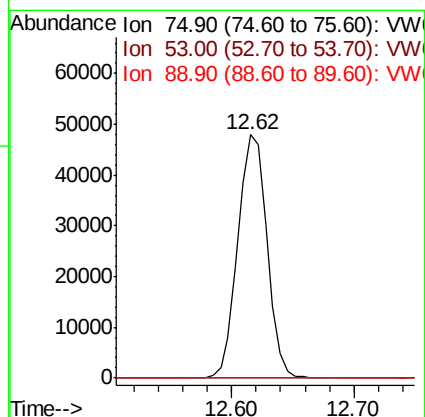
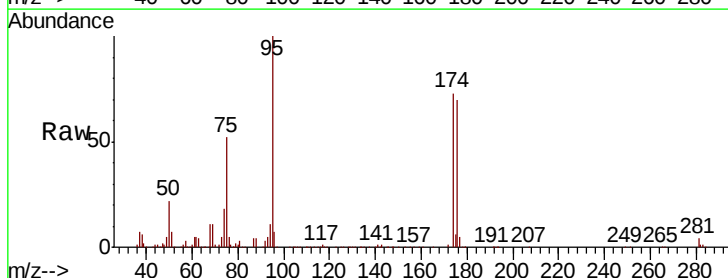
Tgt Ion: 75 Resp: 78993

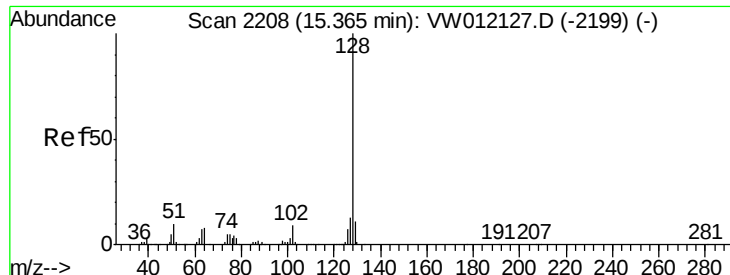
Ion Ratio Lower Upper

75 100

53 0.0 89.4 134.0#

89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 4.390 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW012330.D
Acq: 30 Aug 2019 04:07

Instrument :
MSVOA_W
ClientSampleId :
SB-38-7.5-8.0

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#

