

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014325.D
 Acq On : 12 Dec 2019 14:46
 Operator : SY/VA
 Sample : K6236-11
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW0

Quant Time: Dec 13 06:10:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1094044	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	878516	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	498689	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	414340	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.04%
7) Chloroethane-d5	2.89	69	328663	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.72%
10) 1,1-Dichloroethene-d2	4.02	63	546216	18.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.68%
20) 2-Butanone-d5	7.07	46	183321	42.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.92%
24) Chloroform-d	7.64	84	725471	26.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	8.56	65	144	0.01	ug/L	0.26
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1474992	28.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.60%
33) 1,2-Dichloropropane-d6	9.27	67	463067	29.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.92%
37) Toluene-d8	10.32	98	1164387	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.04%
38) trans-1,3-Dichloropropene-	10.57	79	170476	25.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.60%
39) 2-Hexanone-d5	10.92	63	157175	49.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	436537	33.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.28%#
61) 1,2-Dichlorobenzene-d4	13.86	152	402724	21.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.52%

Target Compounds

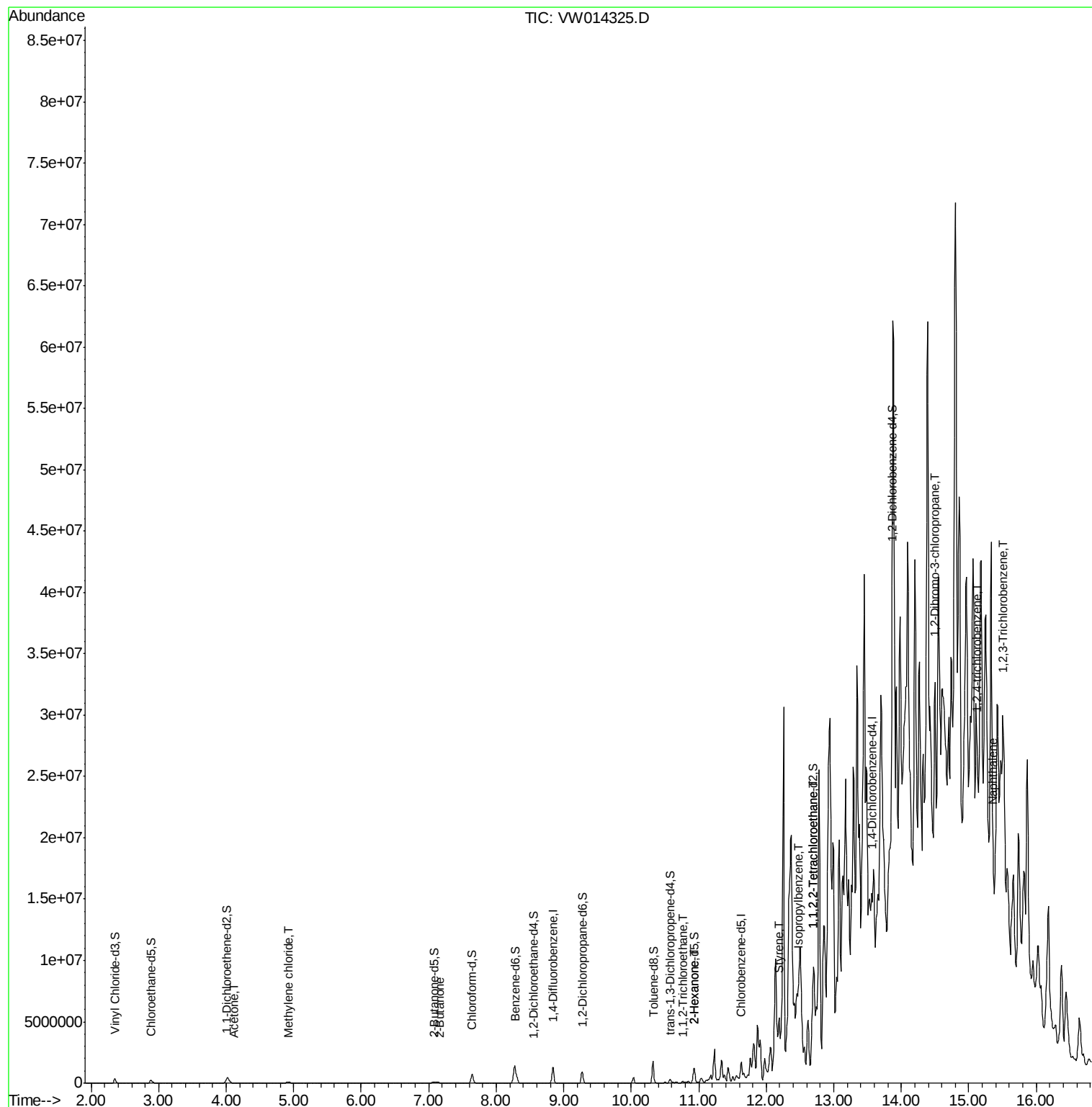
					Ovalue
13) Acetone	4.12	43	57214	13.746	ug/L 98
16) Methylene chloride	4.91	84	33373	1.990	ug/L 99
21) 2-Butanone	7.17	43	18553	3.320	ug/L 88
46) 1,1,2-Trichloroethane	10.76	97	39409	3.680	ug/L # 22
49) 2-Hexanone	10.93	43	391535	58.360	ug/L # 29
56) Styrene	12.18	104	13598	0.344	ug/L # 48
57) Isopropylbenzene	12.46	105	37685	0.629	ug/L # 67
58) 1,1,2,2-Tetrachloroethane	12.69	83	548071	41.235	ug/L # 87
66) 1,2-Dibromo-3-chloropropan	14.50	75	34039	14.156	ug/L # 11
68) 1,2,4-trichlorobenzene	15.13	180	79456	4.226	ug/L # 1
69) Naphthalene	15.36	128	133951	3.789	ug/L # 69
70) 1,2,3-Trichlorobenzene	15.52	180	174112	9.876	ug/L # 1

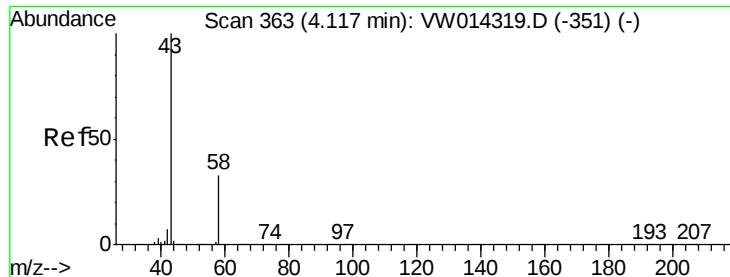
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
Data File : VW014325.D
Acq On : 12 Dec 2019 14:46
Operator : SY/VA
Sample : K6236-11
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW0

Quant Time: Dec 13 06:10:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 13 06:08:10 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.746 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014325.D

Acq: 12 Dec 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

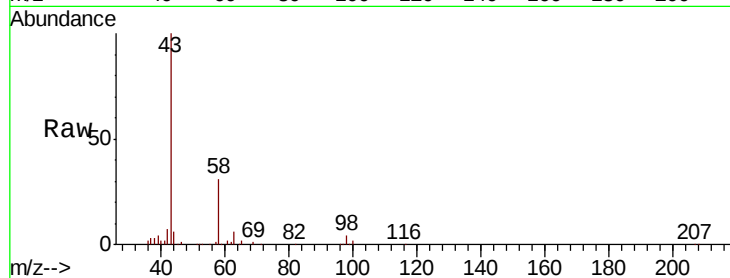
BFEW0

Tot Ion: 43 Resp: 57214

Ion Ratio Lower Upper

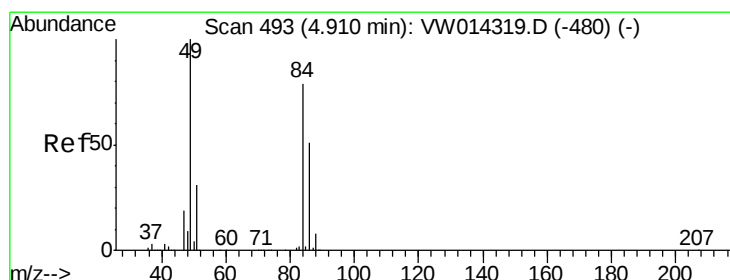
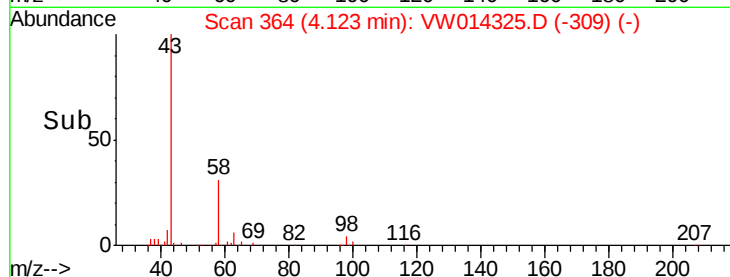
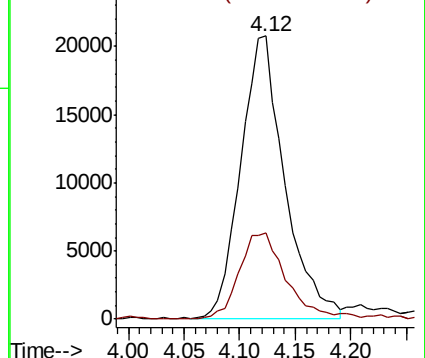
43 100

58 31.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.990 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW014325.D

Acq: 12 Dec 2019 14:46

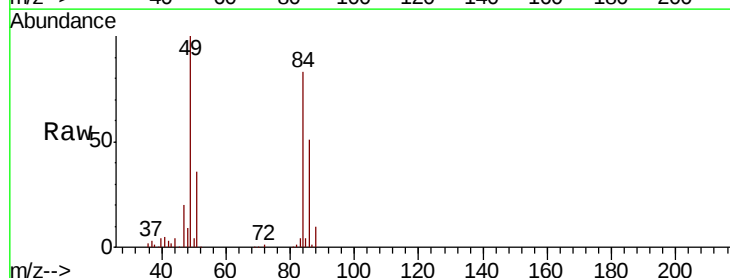
Tgt Ion: 84 Resp: 33373

Ion Ratio Lower Upper

84 100

49 120.1 84.2 156.4

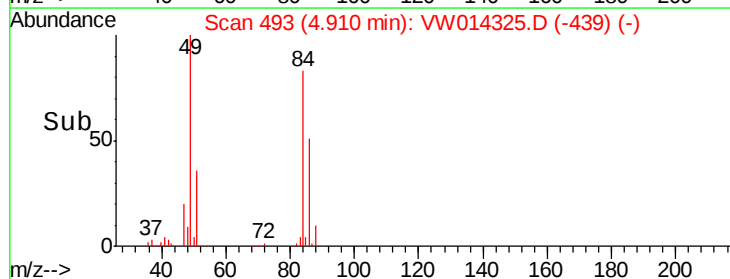
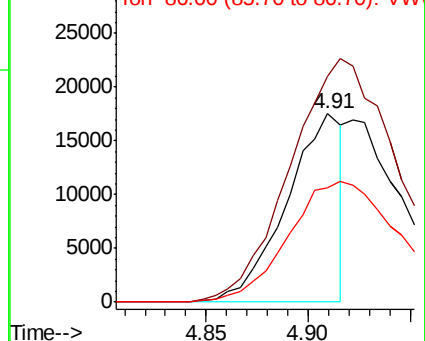
86 60.7 43.7 81.1

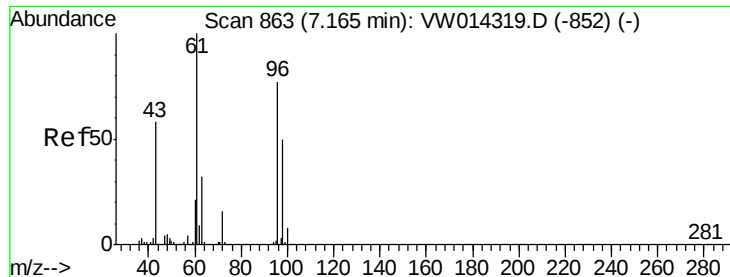


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 3.320 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014325.D

Acq: 12 Dec 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

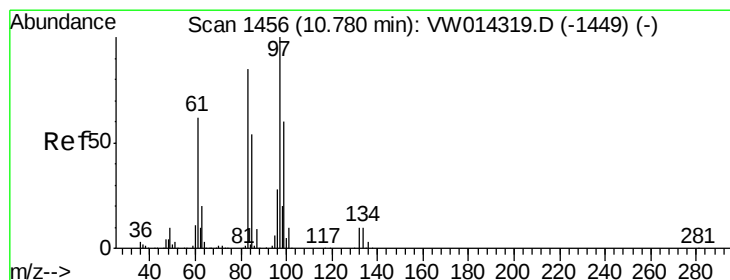
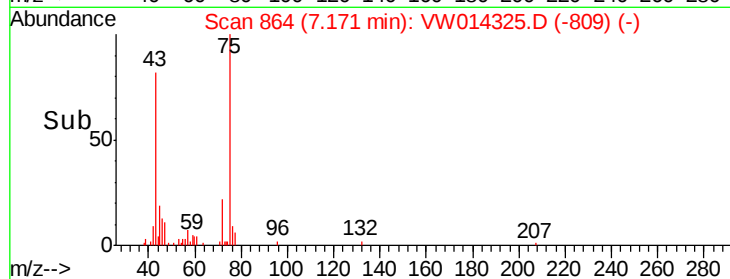
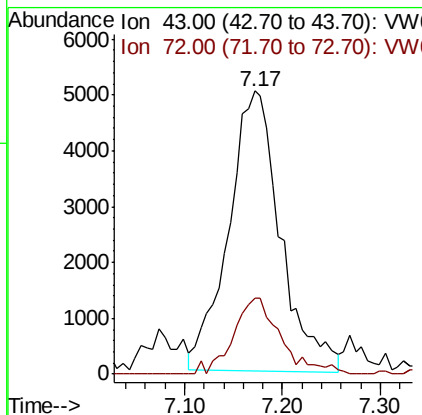
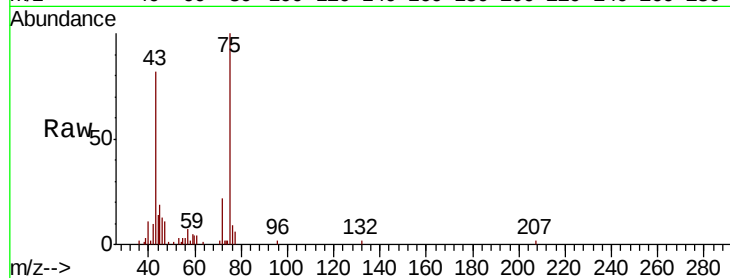
BFEW0

Tot Ion: 43 Resp: 18553

Ion Ratio Lower Upper

43 100

72 22.0 14.1 42.2



#46

1,1,2-Trichloroethane

Concen: 3.680 ug/L

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW014325.D

Acq: 12 Dec 2019 14:46

Tgt Ion: 97 Resp: 39409

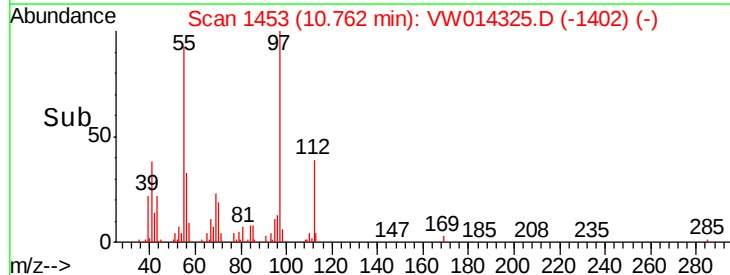
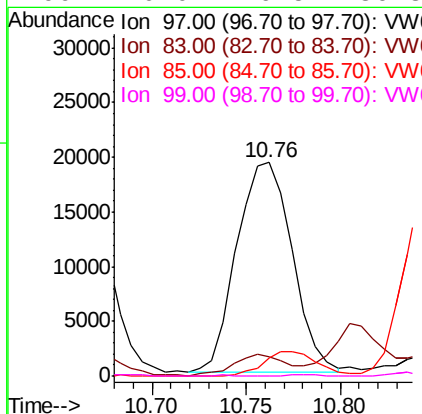
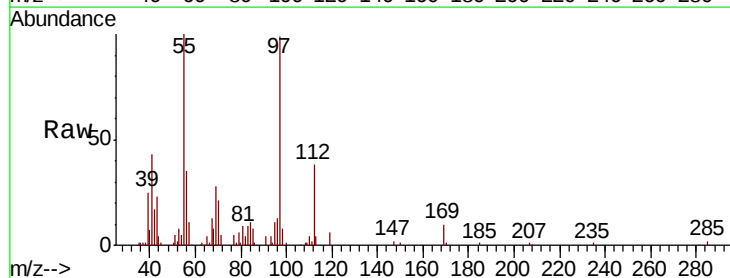
Ion Ratio Lower Upper

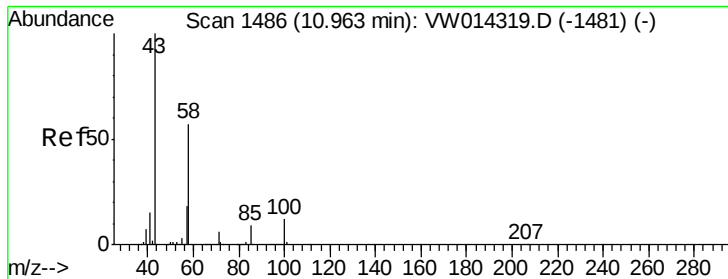
97 100

83 9.3 58.9 109.5#

85 8.5 38.1 70.9#

99 0.0 46.5 86.3#

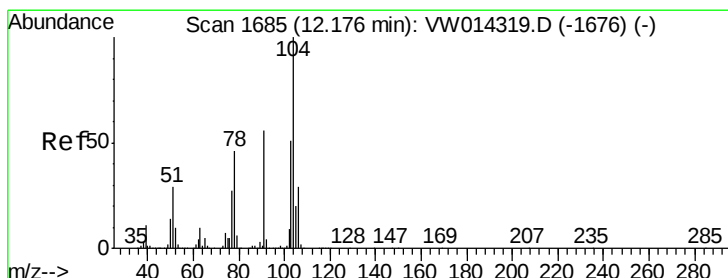
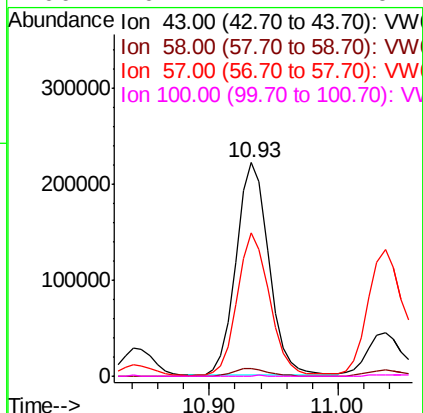
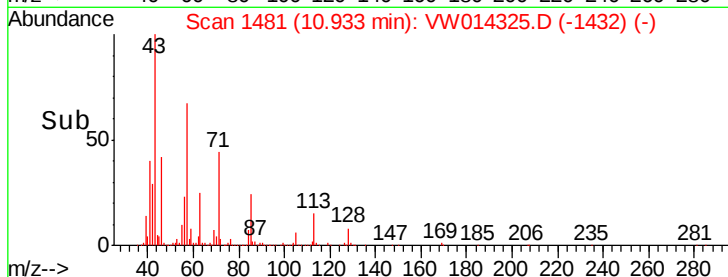
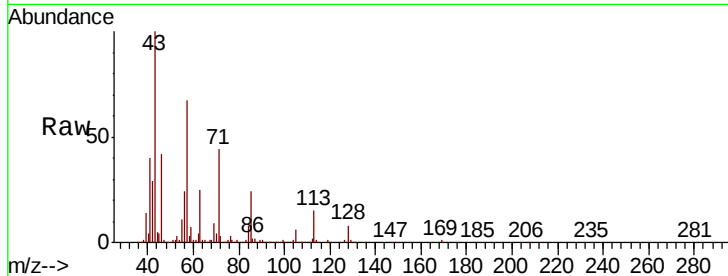




#49
2-Hexanone
Concen: 58.360 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.03 min
Lab File: VW014325.D
Acq: 12 Dec 2019 14:46

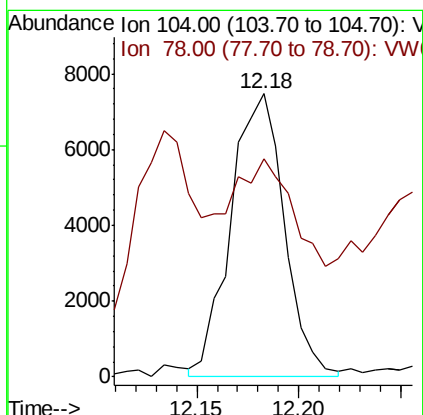
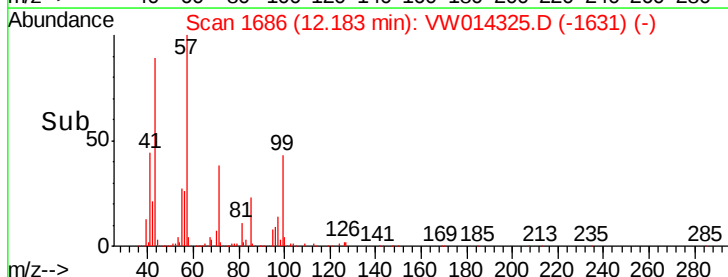
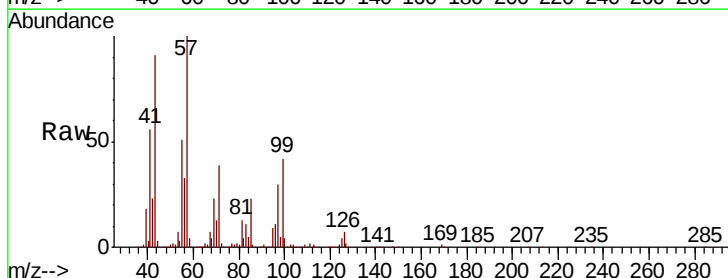
Instrument :
MSVOA_W
ClientSampleId :
BFEW0

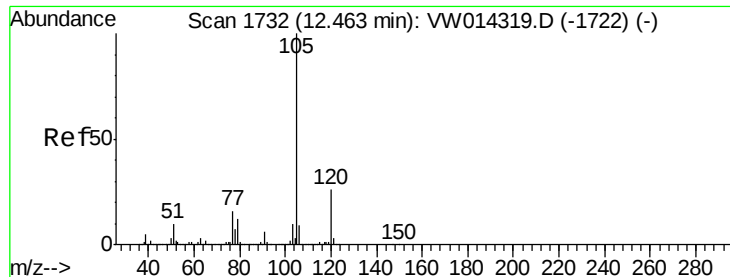
Tot Ion: 43 Resp: 391535
Ion Ratio Lower Upper
43 100
58 4.2 44.4 66.6#
57 66.1 16.5 24.7#
100 0.1 11.1 16.7#



#56
Styrene
Concen: 0.344 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014325.D
Acq: 12 Dec 2019 14:46

Tgt Ion: 104 Resp: 13598
Ion Ratio Lower Upper
104 100
78 77.1 30.6 56.8#





#57

Isopropylbenzene

Concen: 0.629 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014325.D

Acq: 12 Dec 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

BFEW0

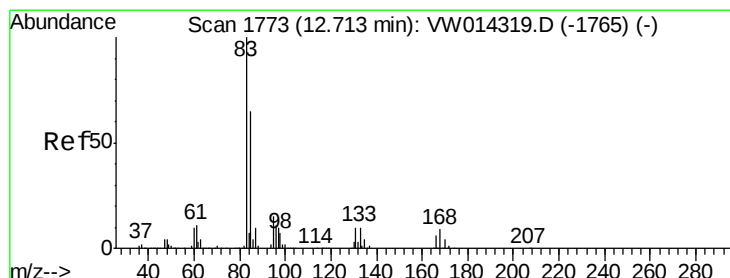
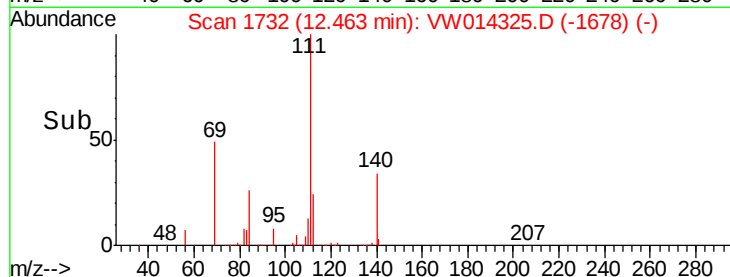
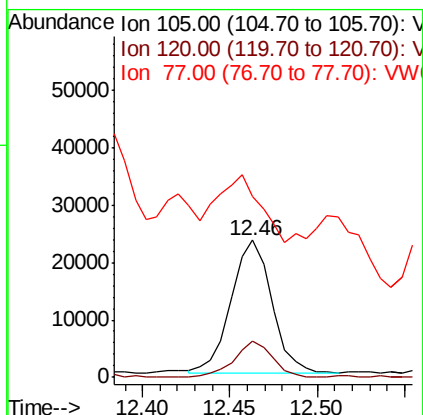
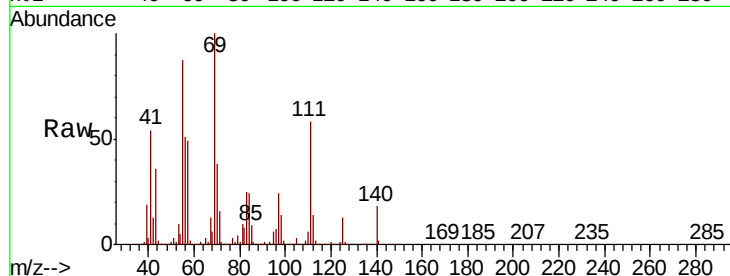
Tot Ion: 105 Resp: 37685

Ion Ratio Lower Upper

105 100

120 25.7 21.6 32.4

77 51.8 11.6 17.4#



#58

1,1,2,2-Tetrachloroethane

Concen: 41.235 ug/L

RT: 12.69 min Scan# 1769

Delta R.T. -0.02 min

Lab File: VW014325.D

Acq: 12 Dec 2019 14:46

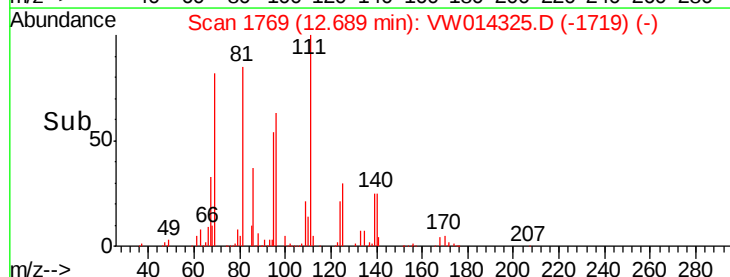
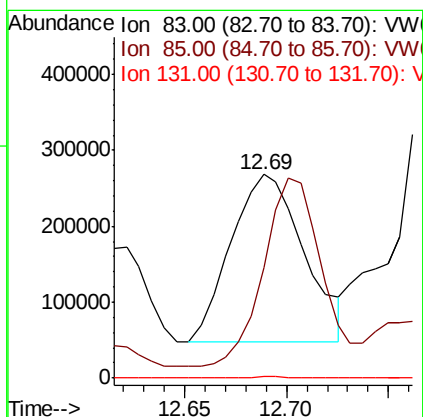
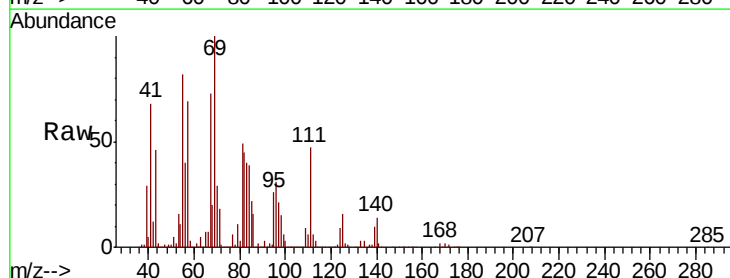
Tgt Ion: 83 Resp: 548071

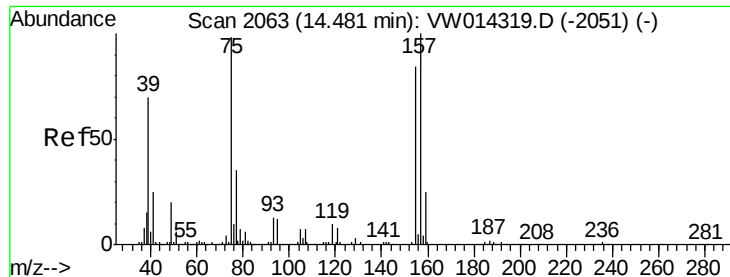
Ion Ratio Lower Upper

83 100

85 54.0 43.7 81.1

131 0.6 8.2 12.2#

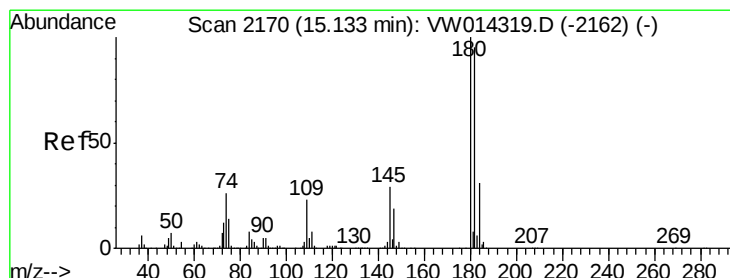
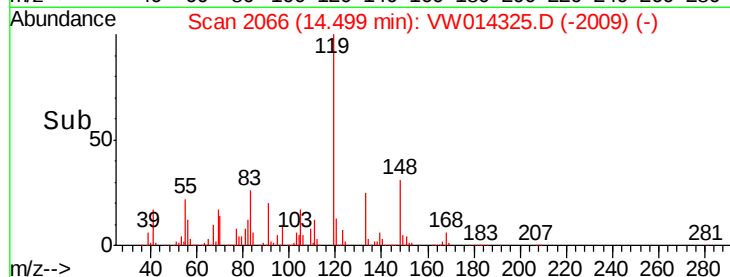
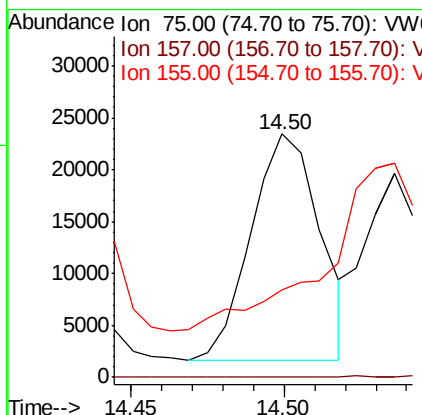
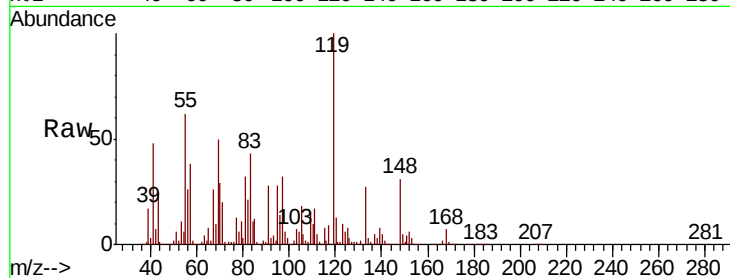




#66
 1,2-Dibromo-3-chloropropane
 Concen: 14.156 ug/L
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.02 min
 Lab File: VW014325.D
 Acq: 12 Dec 2019 14:46

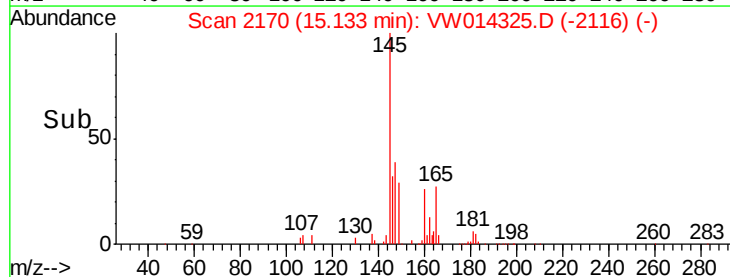
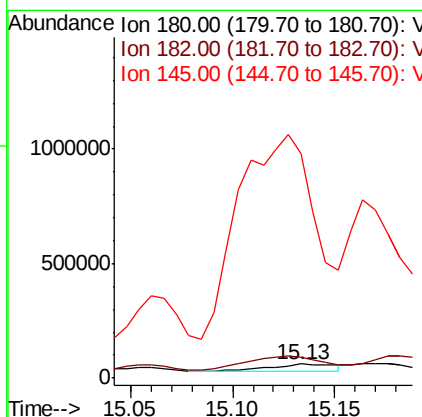
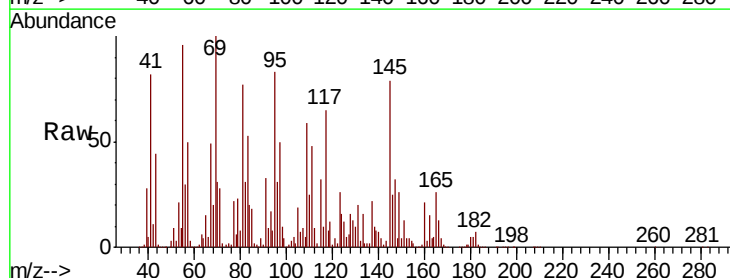
Instrument :
 MSVOA_W
 ClientSampled :
 BFEW0

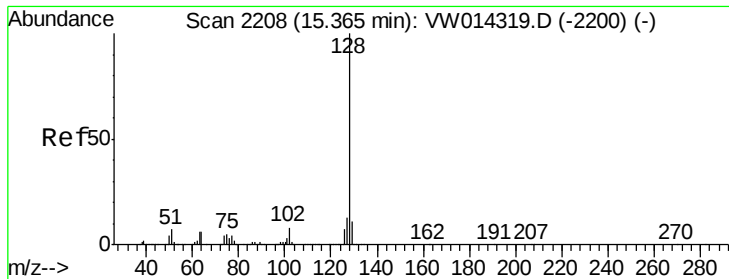
Tot Ion: 75 Resp: 34039
 Ion Ratio Lower Upper
 75 100
 157 0.0 96.9 145.3#
 155 35.9 82.9 124.3#



#68
 1,2,4-trichlorobenzene
 Concen: 4.226 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014325.D
 Acq: 12 Dec 2019 14:46

Tgt Ion: 180 Resp: 79456
 Ion Ratio Lower Upper
 180 100
 182 207.6 75.8 113.8#
 145 3771.2 22.4 33.6#





#69

Naphthalene

Concen: 3.789 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014325.D

Acq: 12 Dec 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

BFEW0

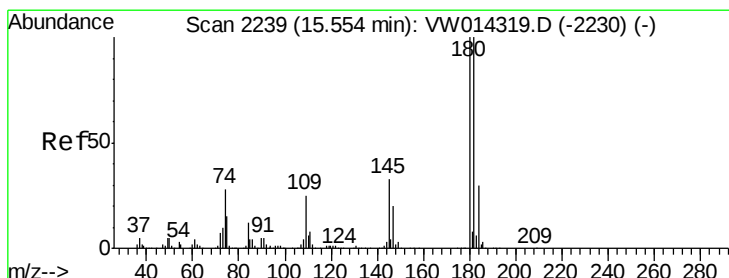
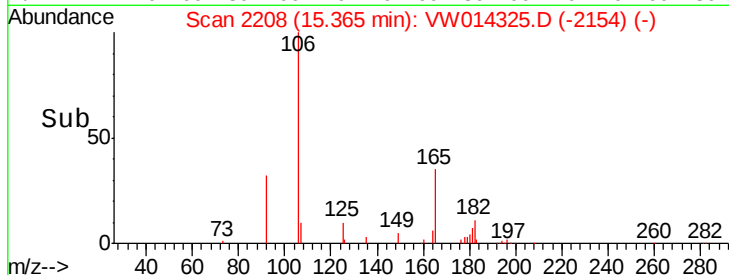
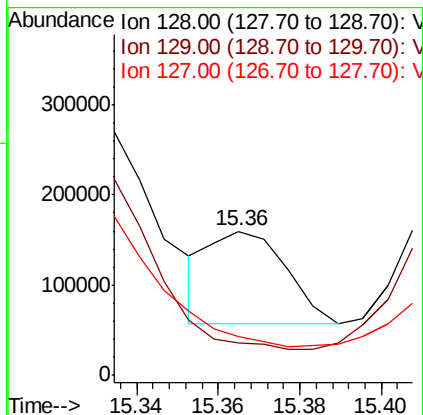
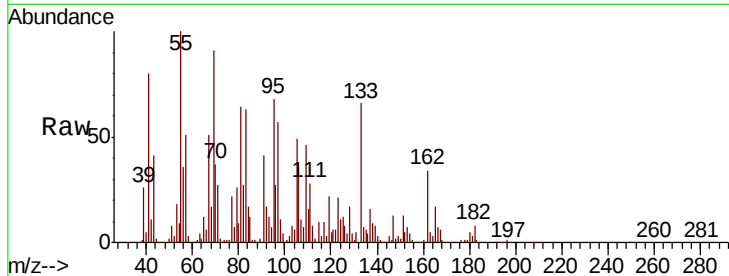
Tot Ion:128 Resp: 133951

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

127 0.0 10.4 15.6#



#70

1,2,3-Trichlorobenzene

Concen: 9.876 ug/L

RT: 15.52 min Scan# 2233

Delta R.T. -0.04 min

Lab File: VW014325.D

Acq: 12 Dec 2019 14:46

Tgt Ion:180 Resp: 174112

Ion Ratio Lower Upper

180 100

182 0.0 75.8 113.6#

145 1300.8 24.0 36.0#

