

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017864.D
 Acq On : 13 Jan 2021 21:47
 Operator : SY/VA
 Sample : M1099-05
 Misc : 4.70G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C05

Quant Time: Jan 14 15:09:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	247482	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85838	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128575	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.00%
7) Chloroethane-d5	2.89	69	106551	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.44%
10) 1,1-Dichloroethene-d2	4.02	63	160233	18.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.84%
20) 2-Butanone-d5	7.08	46	61539	78.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.54%#
24) Chloroform-d	7.65	84	215509	26.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	8.31	65	134039	31.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.44%
29) Benzene-d6	8.27	84	417640	29.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.84%
33) 1,2-Dichloropropane-d6	9.27	67	127966	33.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.20%#
37) Toluene-d8	10.32	98	339295	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.36%
38) trans-1,3-Dichloropropene-	10.58	79	38221	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.24%
39) 2-Hexanone-d5	10.93	63	40082	83.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.12%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95746	33.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	77601	25.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.84%

Target Compounds

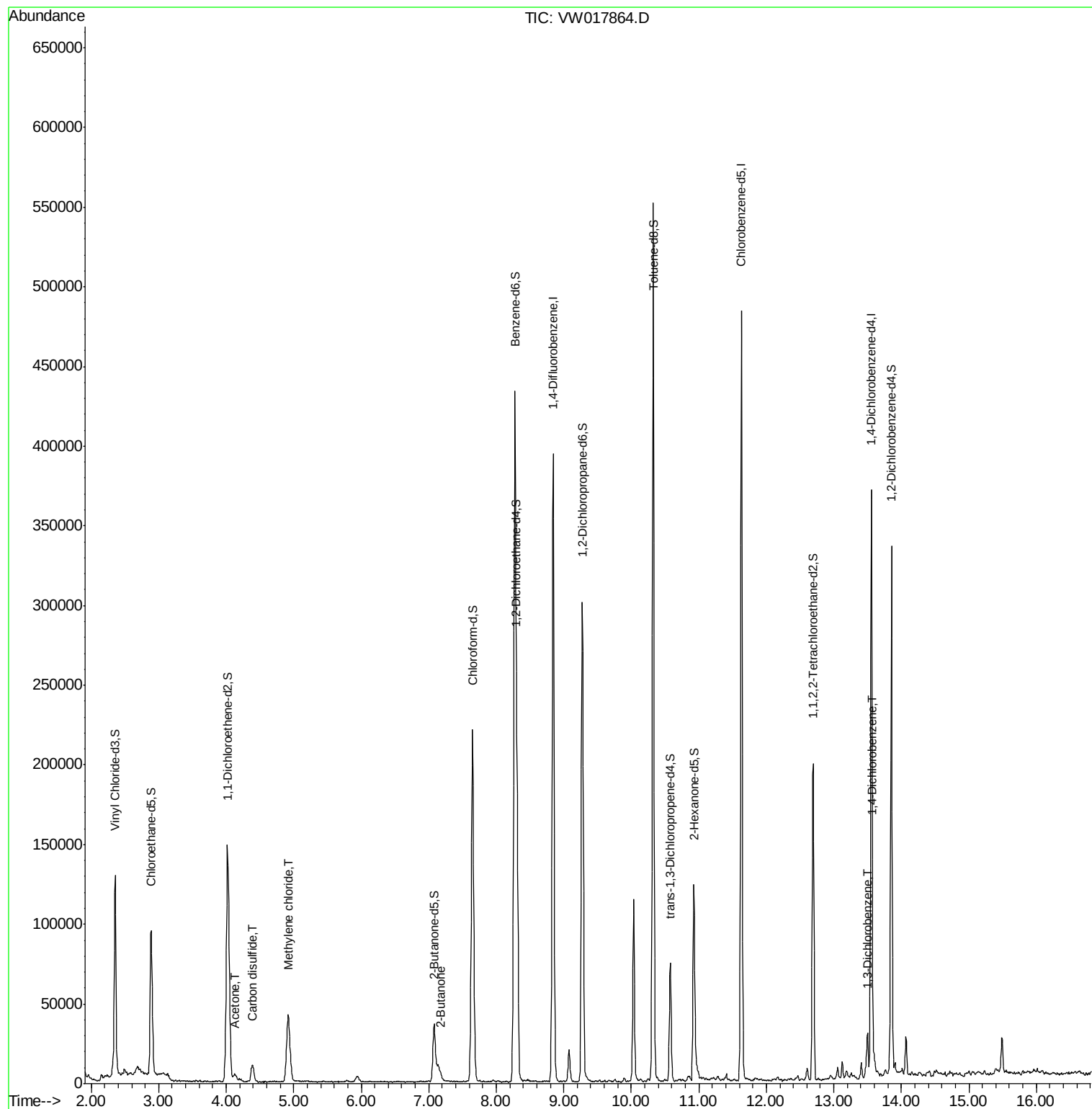
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	8548	12.590	ug/L	96
14) Carbon disulfide	4.39	76	23422	2.030	ug/L	99
16) Methylene chloride	4.92	84	33792	7.537	ug/L	98
21) 2-Butanone	7.18	43	2200	2.409	ug/L	89
63) 1,3-Dichlorobenzene	13.50	146	9245	1.745	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	5898	1.108	ug/L	97

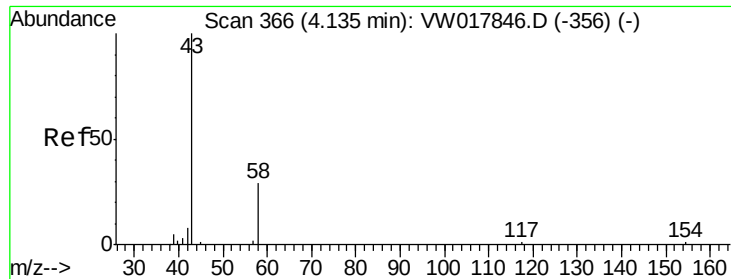
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#13

Acetone

Concen: 12.590 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW017864.D

Acq: 13 Jan 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

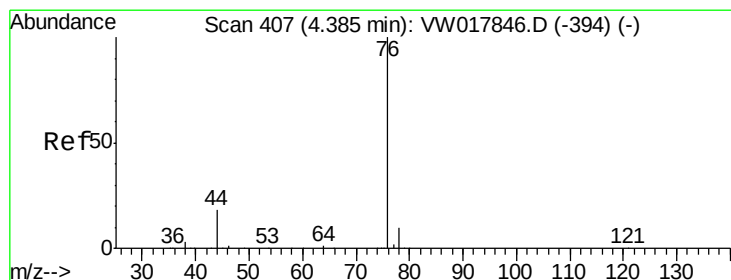
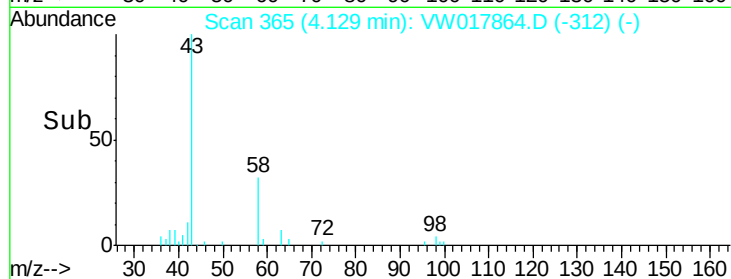
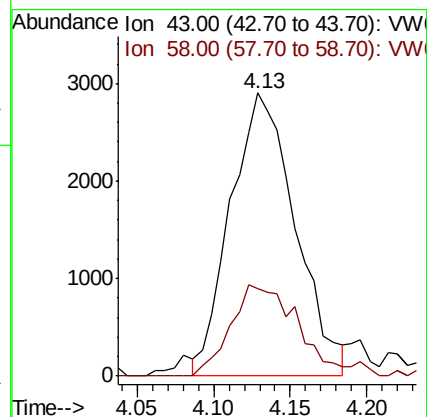
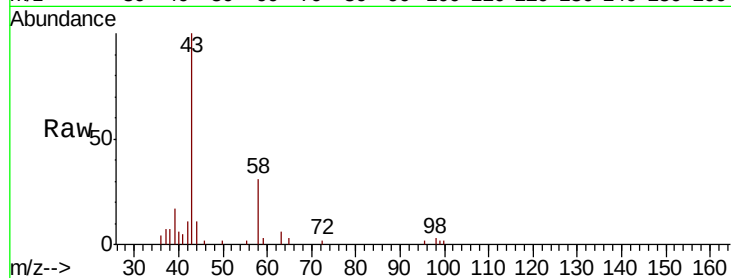
F1C05

Tot Ion: 43 Resp: 8548

Ion Ratio Lower Upper

43 100

58 32.7 0.0 60.8



#14

Carbon disulfide

Concen: 2.030 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017864.D

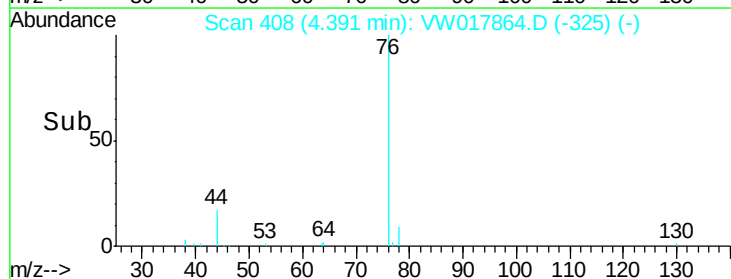
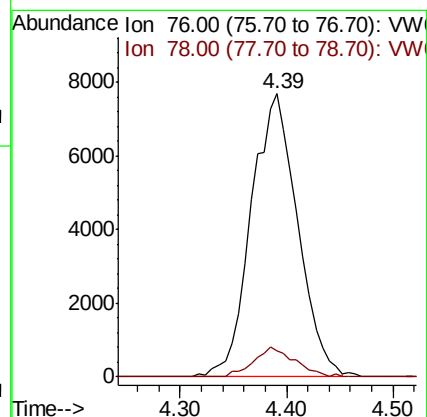
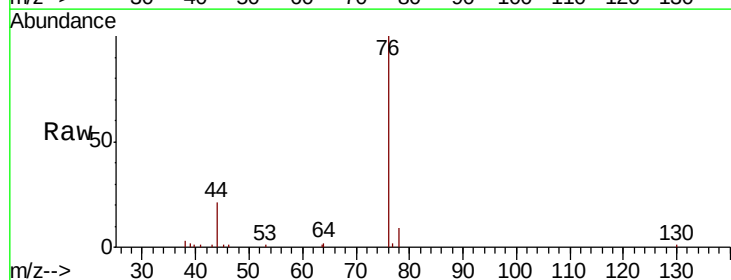
Acq: 13 Jan 2021 21:47

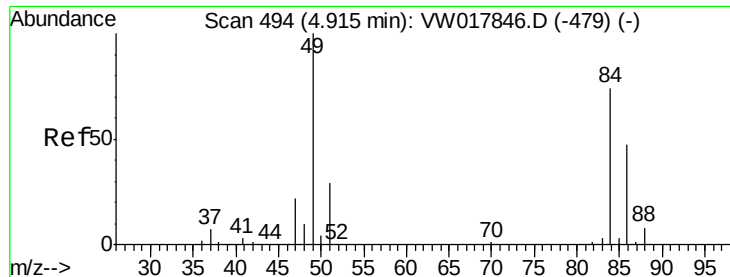
Tgt Ion: 76 Resp: 23422

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

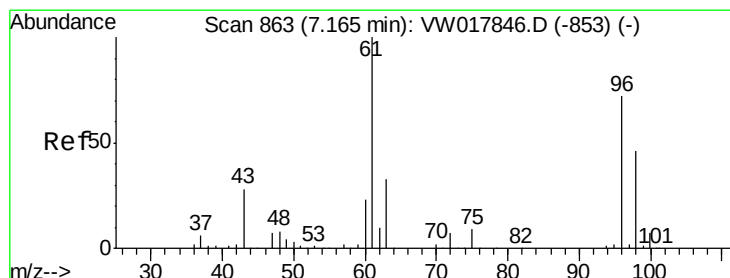
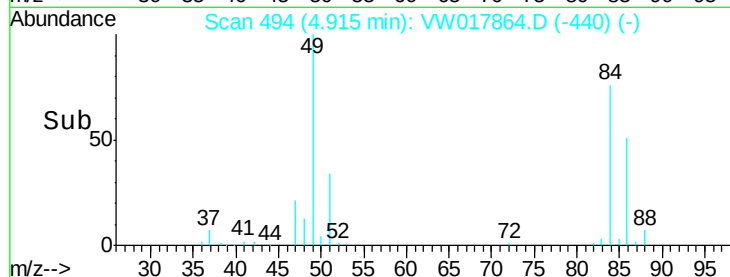
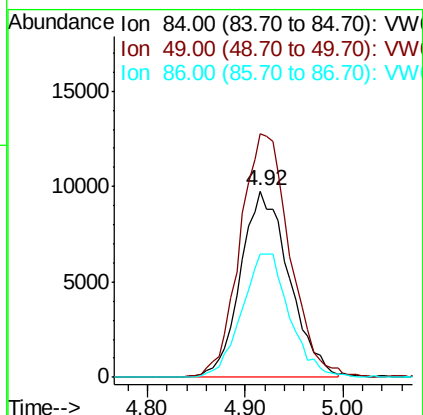
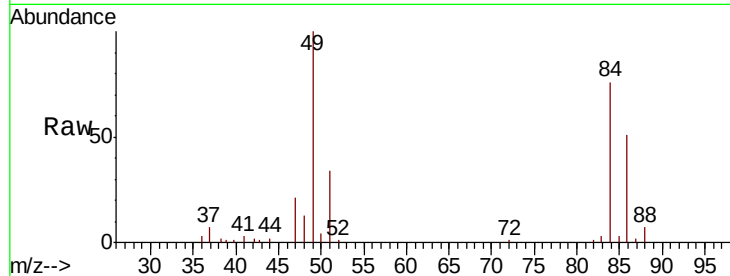




#16
Methylene chloride
Concen: 7.537 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW017864.D
Acq: 13 Jan 2021 21:47

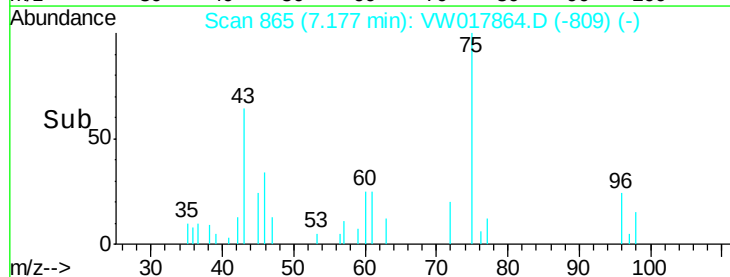
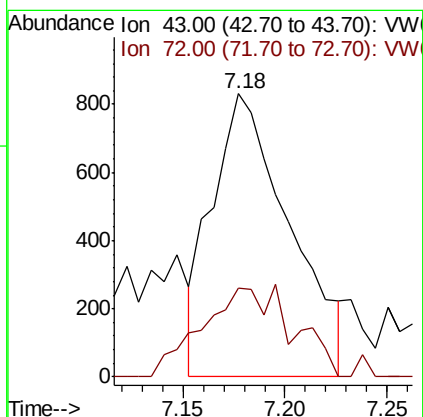
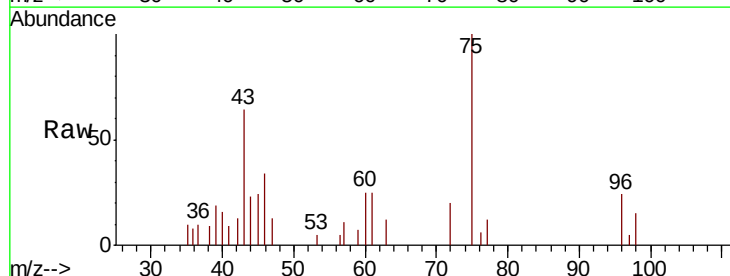
Instrument :
MSVOA_W
ClientSampled :
F1C05

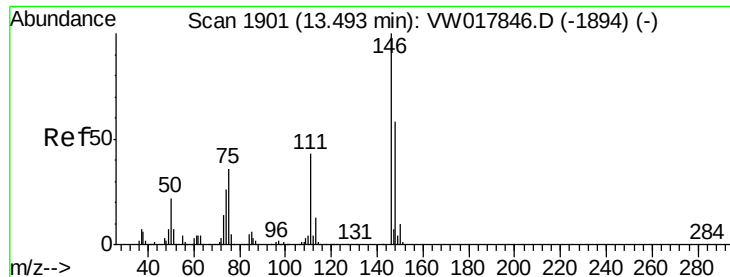
Tot Ion: 84 Resp: 33792
Ion Ratio Lower Upper
84 100
49 130.8 90.5 168.1
86 66.3 44.8 83.2



#21
2-Butanone
Concen: 2.409 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW017864.D
Acq: 13 Jan 2021 21:47

Tgt Ion: 43 Resp: 2200
Ion Ratio Lower Upper
43 100
72 24.7 15.4 46.2





#63

1,3-Dichlorobenzene

Concen: 1.745 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW017864.D

Acq: 13 Jan 2021 21:47

Instrument :

MSVOA_W

ClientSampled :

F1C05

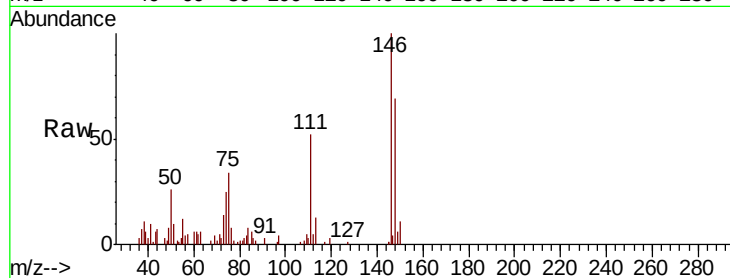
Tot Ion:146 Resp: 9245

Ion Ratio Lower Upper

146 100

111 52.1 29.5 54.7

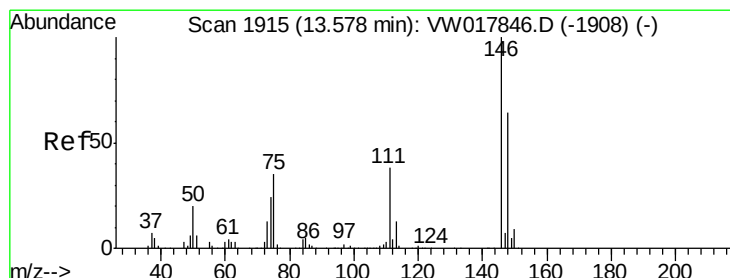
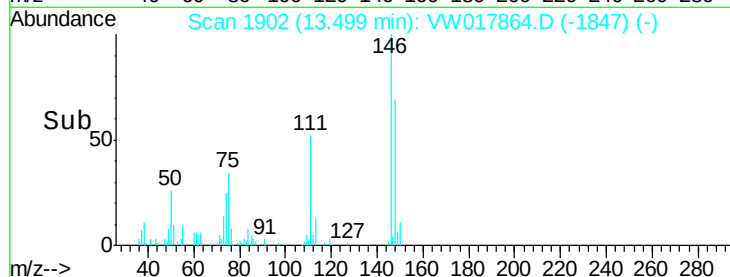
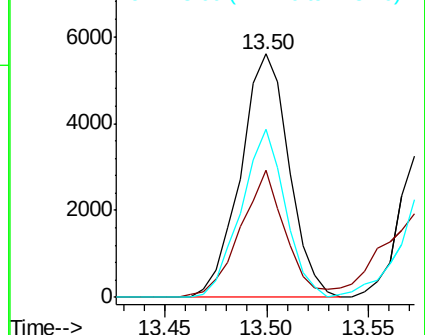
148 68.9 47.7 88.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#64

1,4-Dichlorobenzene

Concen: 1.108 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW017864.D

Acq: 13 Jan 2021 21:47

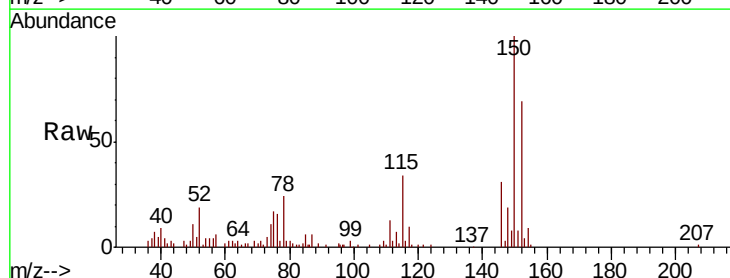
Tgt Ion:146 Resp: 5898

Ion Ratio Lower Upper

146 100

111 42.4 27.7 51.5

148 61.9 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

