

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100920\
 Data File : VW016850.D
 Acq On : 08 Oct 2020 12:57
 Operator : SY/VA
 Sample : L4284-03
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W0

Quant Time: Oct 09 09:07:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 11:39:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	582552	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	525421	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	242061	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153163	26.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.60%
7) Chloroethane-d5	2.90	69	130013	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.88%
10) 1,1-Dichloroethene-d2	4.03	63	222821	18.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.04%
20) 2-Butanone-d5	7.08	46	55582	42.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.40%
24) Chloroform-d	7.65	84	305598	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.31	65	151671	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.20%
29) Benzene-d6	8.28	84	633937	26.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.28%
33) 1,2-Dichloropropane-d6	9.28	67	171299	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.33	98	591457	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.08%
38) trans-1,3-Dichloropropene-	10.58	79	35772	12.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	50.60%
39) 2-Hexanone-d5	10.93	63	47002	47.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120902	23.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	208373	27.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.56%

Target Compounds

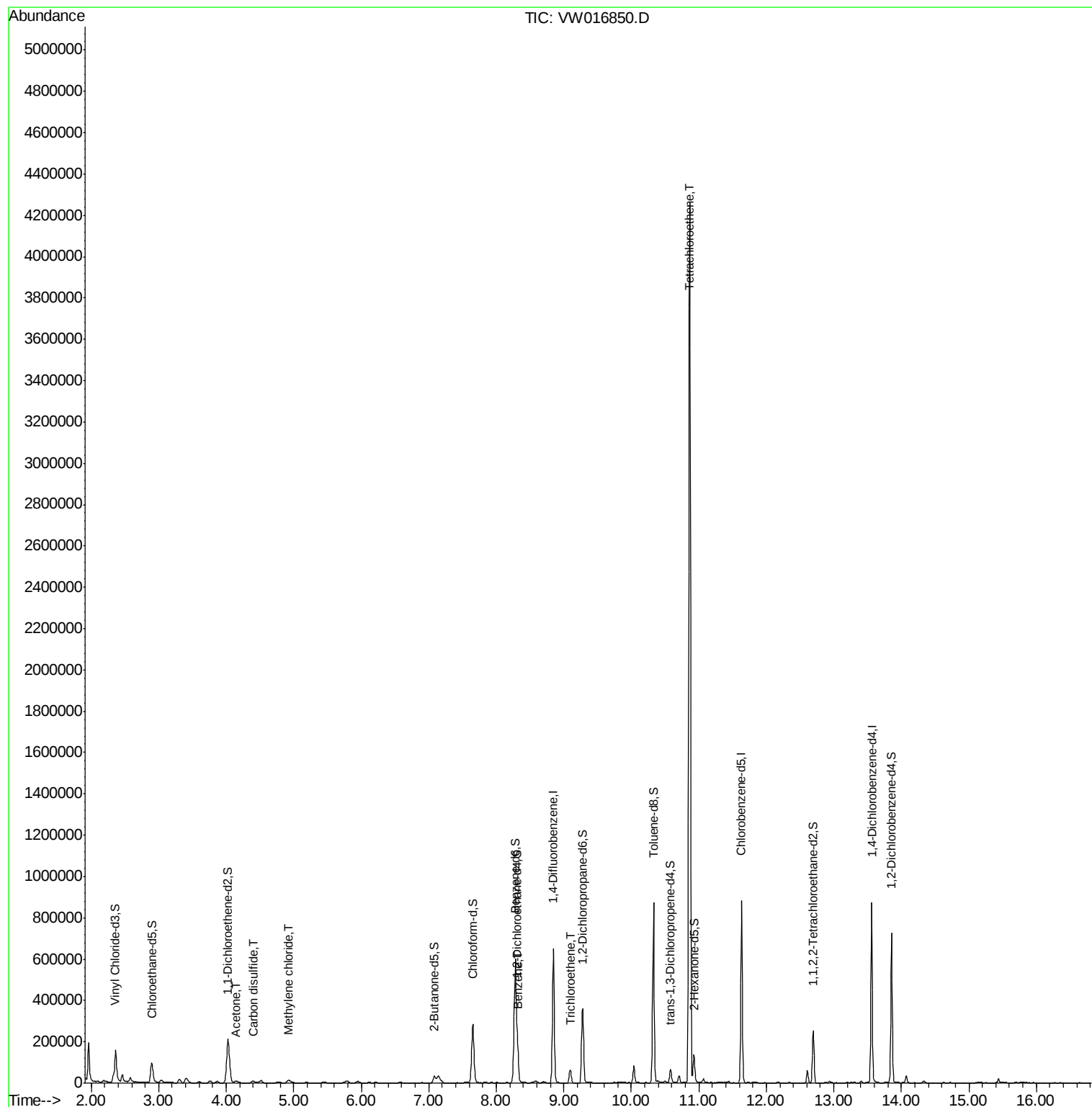
					Ovalue
13) Acetone	4.14	43	10470	10.629 ug/L	91
14) Carbon disulfide	4.40	76	22583	1.046 ug/L	97
16) Methylene chloride	4.92	84	12612	1.569 ug/L	93
34) Benzene	8.33	78	10474	0.371 ug/L	100
35) Trichloroethene	9.10	95	21239	2.661 ug/L	97
47) Tetrachloroethene	10.87	164	1011247	136.666 ug/L	99

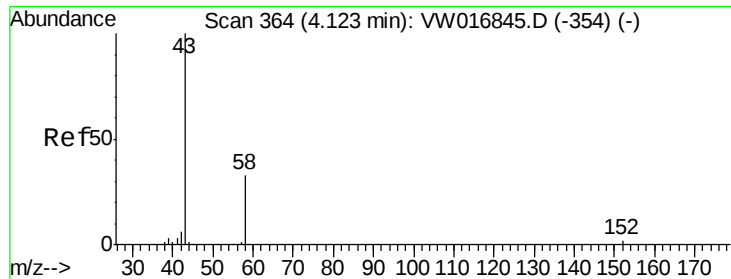
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.629 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016850.D

Acq: 08 Oct 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

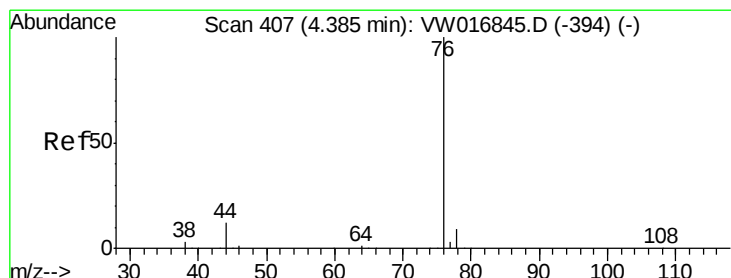
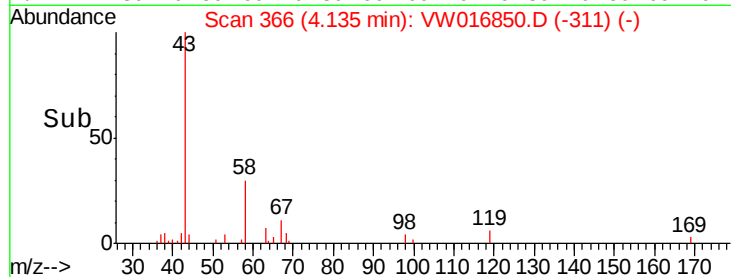
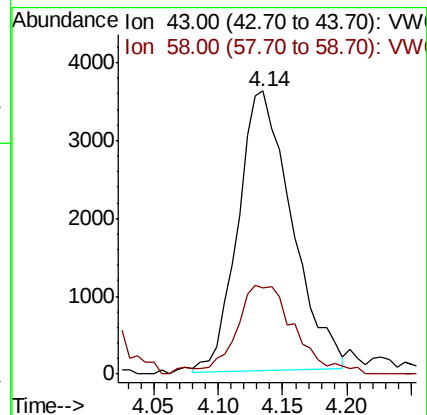
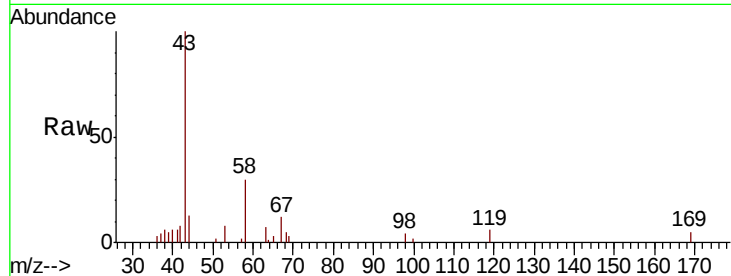
BG3W0

Tot Ion: 43 Resp: 10470

Ion Ratio Lower Upper

43 100

58 28.7 0.0 67.6



#14

Carbon disulfide

Concen: 1.046 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW016850.D

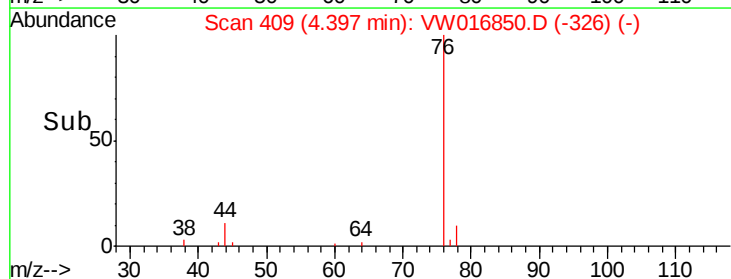
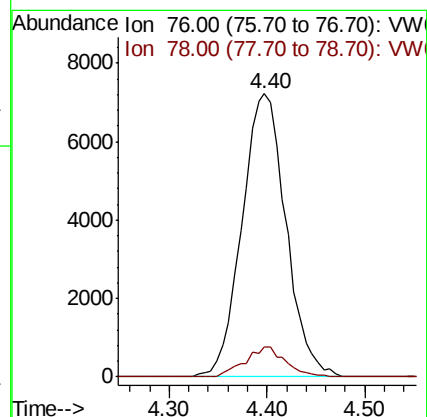
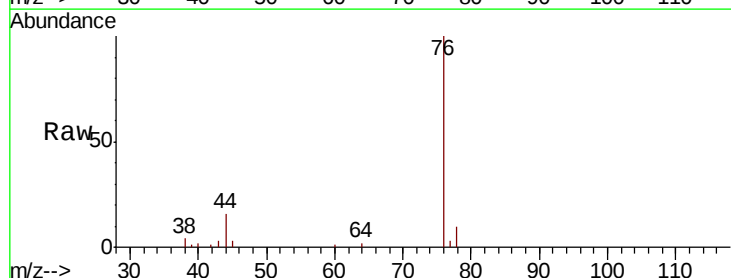
Acq: 08 Oct 2020 12:57

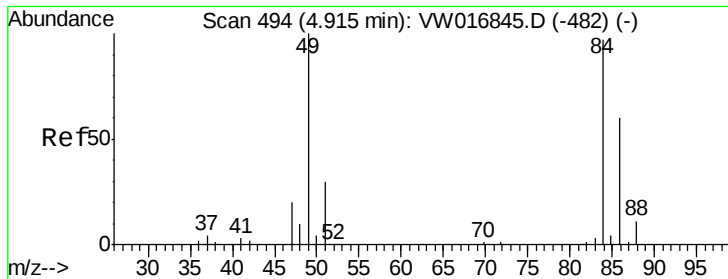
Tgt Ion: 76 Resp: 22583

Ion Ratio Lower Upper

76 100

78 10.4 7.4 11.0

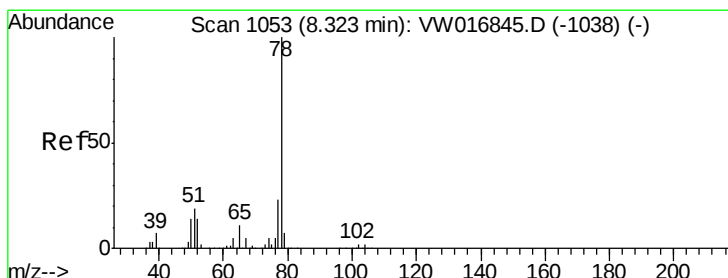
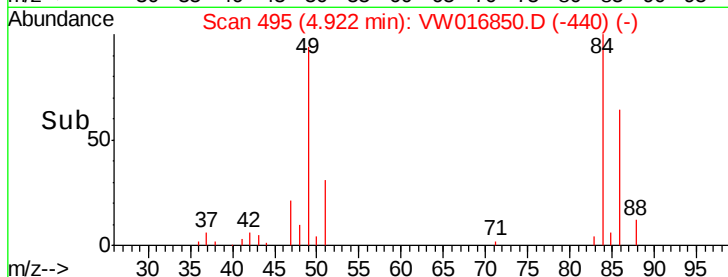
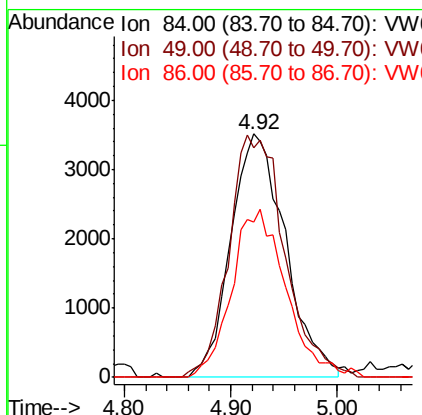
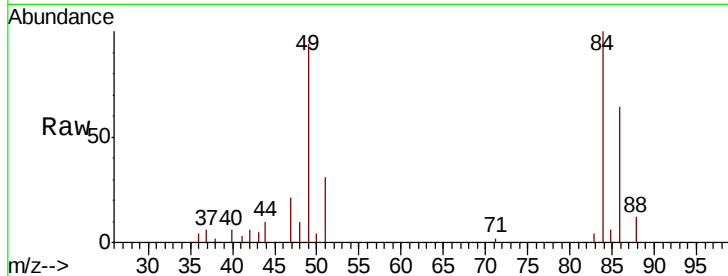




#16
Methvlene chloride
Concen: 1.569 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016850.D
Acq: 08 Oct 2020 12:57

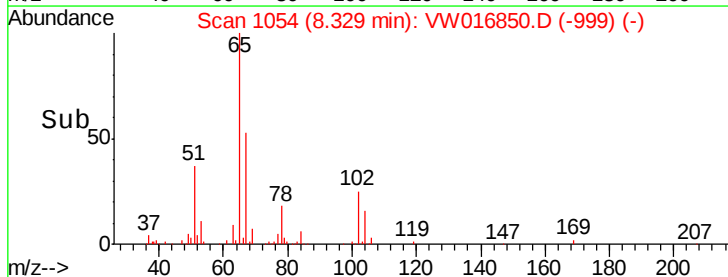
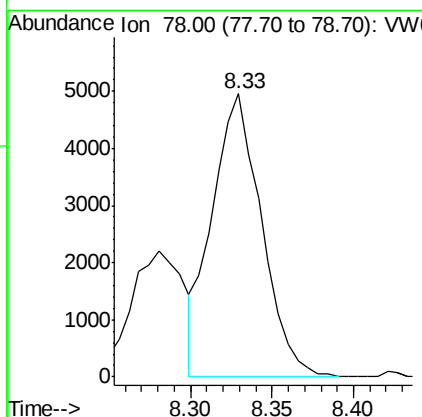
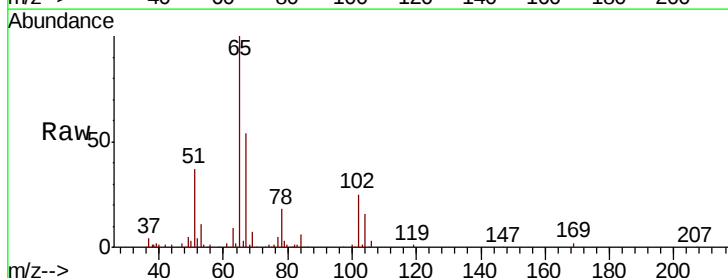
Instrument :
MSVOA_W
ClientSampled :
BG3W0

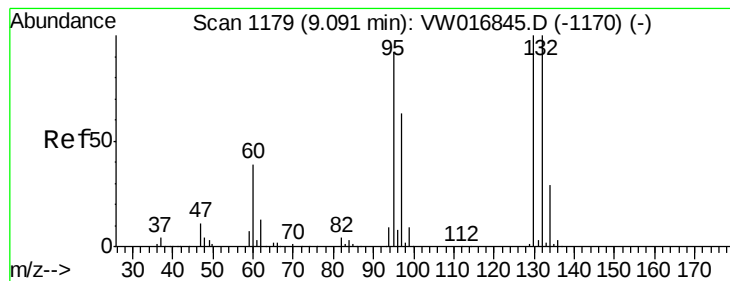
Tot Ion: 84 Resp: 12612
Ion Ratio Lower Upper
84 100
49 94.1 73.1 135.8
86 63.7 46.0 85.4



#34
Benzene
Concen: 0.371 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW016850.D
Acq: 08 Oct 2020 12:57

Tgt Ion: 78 Resp: 10474





#35

Trichloroethene

Concen: 2.661 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW016850.D

Acq: 08 Oct 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

BG3W0

Tot Ion: 95 Resp: 21239

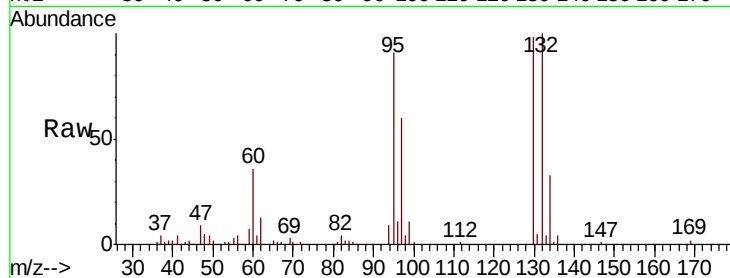
Ion Ratio Lower Upper

95 100

97 67.3 44.7 83.1

132 108.1 73.8 137.2

130 112.3 77.1 143.3

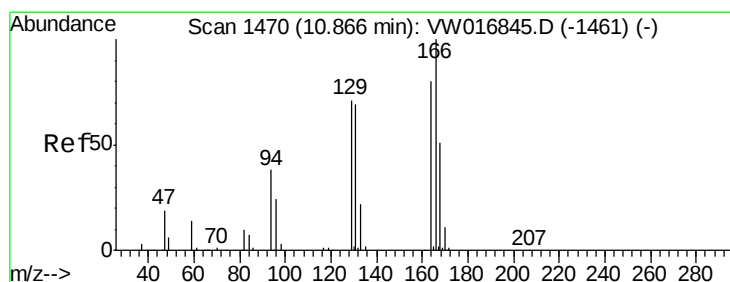
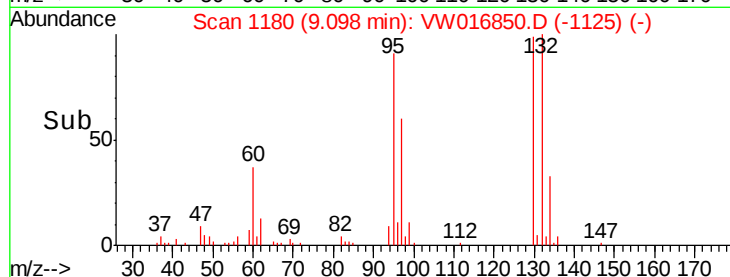
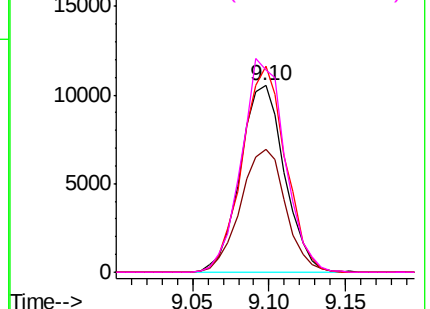


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#47

Tetrachloroethene

Concen: 136.666 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016850.D

Acq: 08 Oct 2020 12:57

Tgt Ion: 164 Resp: 1011247

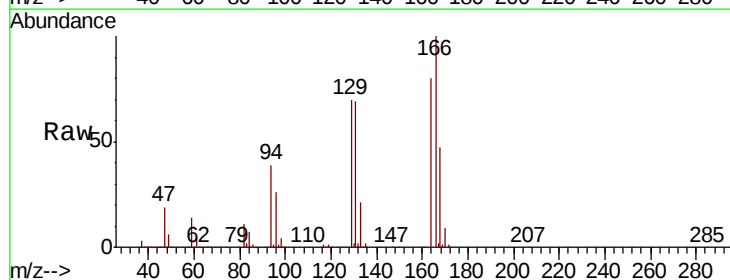
Ion Ratio Lower Upper

164 100

129 87.4 61.7 114.7

131 86.1 59.7 110.9

166 124.9 88.3 164.1



Abundance Ion 164.00 (163.70 to 164.70): VW

Ion 129.00 (128.70 to 129.70): VW

Ion 131.00 (130.70 to 131.70): VW

Ion 166.00 (165.70 to 166.70): VW

