

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016842.D
 Acq On : 07 Oct 2020 19:09
 Operator : SY/VA
 Sample : L4284-11
 Misc : 5.65G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W5

Quant Time: Oct 08 09:42:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	120115	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	103089	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	32690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	36023	30.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.60%
7) Chloroethane-d5	2.89	69	30812	31.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.00%
10) 1,1-Dichloroethene-d2	4.02	63	50094	19.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.64%
20) 2-Butanone-d5	7.09	46	11517	42.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.82%
24) Chloroform-d	7.65	84	64903	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	8.31	65	31571	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	8.27	84	130969	27.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.88%
33) 1,2-Dichloropropane-d6	9.28	67	35889	28.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.08%
37) Toluene-d8	10.33	98	116525	26.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.52%
38) trans-1,3-Dichloropropene-	10.58	79	11439	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.44%
39) 2-Hexanone-d5	10.93	63	8373	43.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	22591	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	28881	27.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.40%

Target Compounds

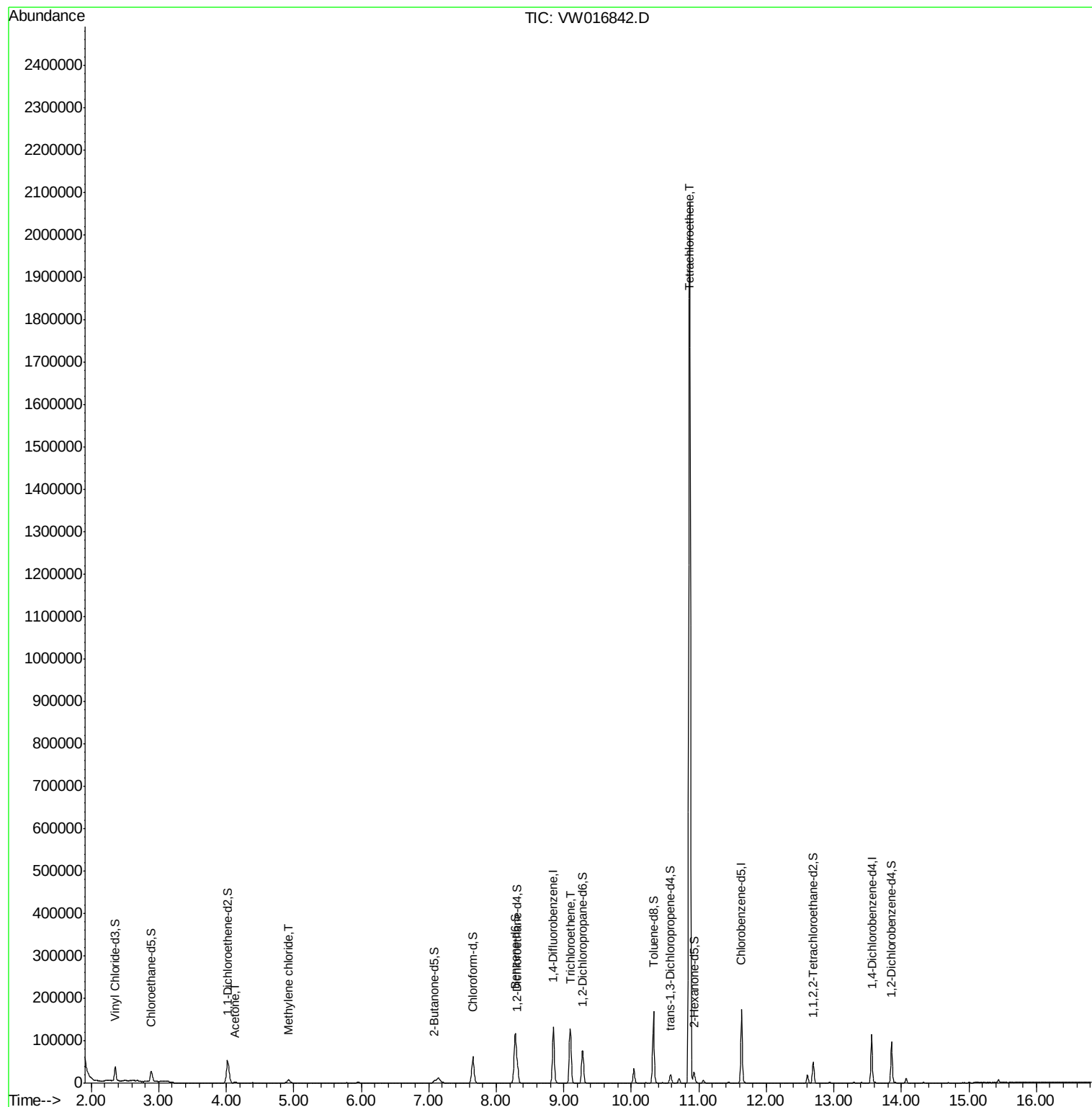
					Ovalue
13) Acetone	4.13	43	2150	10.586	ug/L 76
16) Methylene chloride	4.92	84	6111	3.686	ug/L 93
35) Trichloroethene	9.10	95	46195	29.500	ug/L 98
47) Tetrachloroethene	10.87	164	505295	348.052	ug/L 98

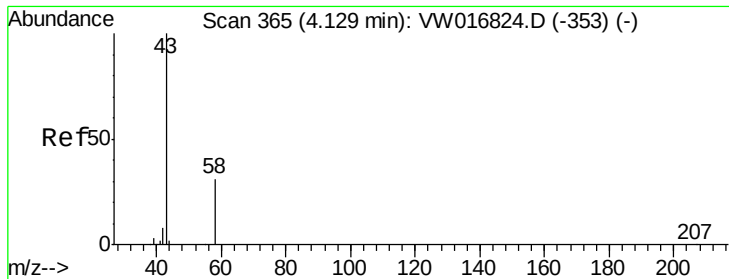
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.586 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW016842.D

Acq: 07 Oct 2020 19:09

Instrument :

MSVOA_W

ClientSampled :

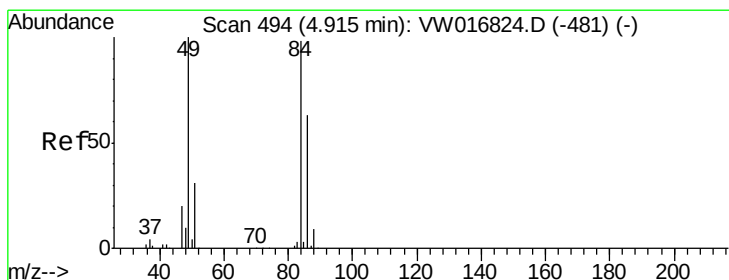
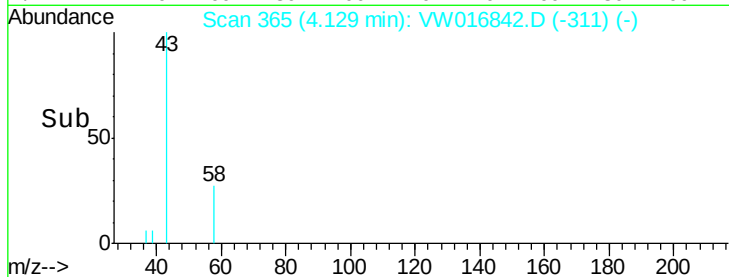
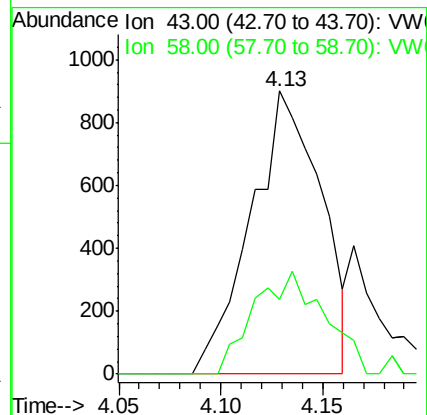
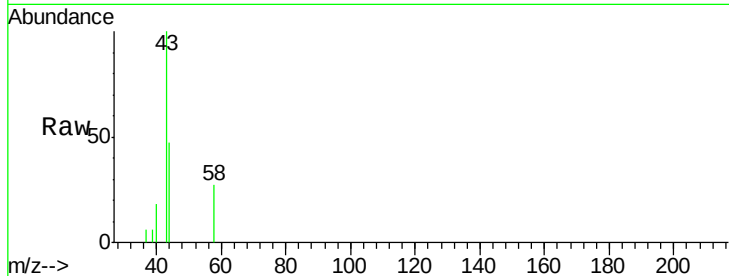
BG3W5

Tot Ion: 43 Resp: 2150

Ion Ratio Lower Upper

43 100

58 20.2 0.0 67.6



#16

Methylene chloride

Concen: 3.686 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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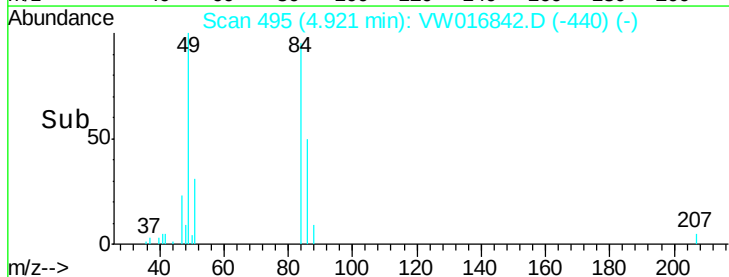
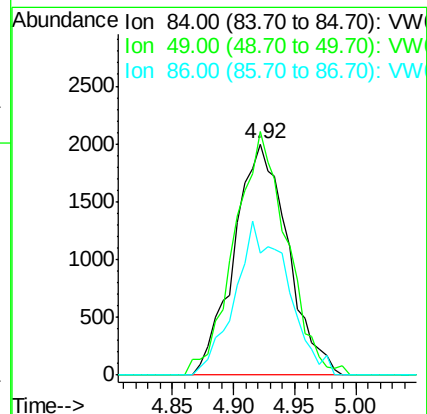
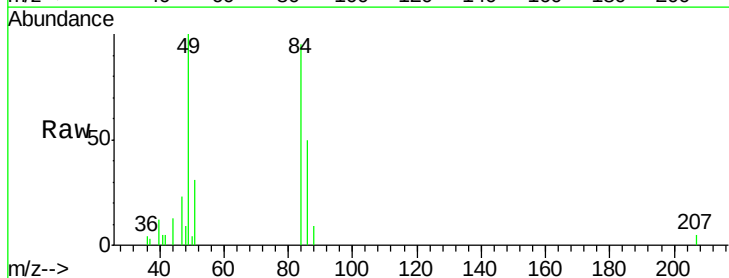
Tgt Ion: 84 Resp: 6111

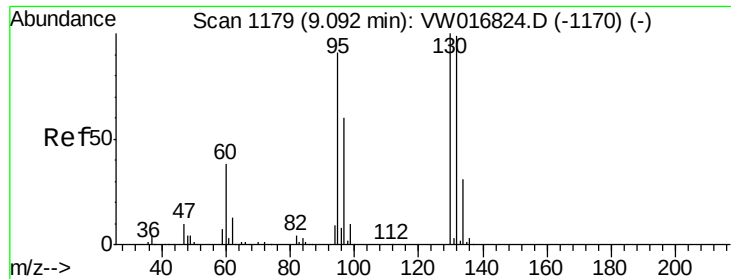
Ion Ratio Lower Upper

84 100

49 105.5 73.1 135.8

86 52.9 46.0 85.4

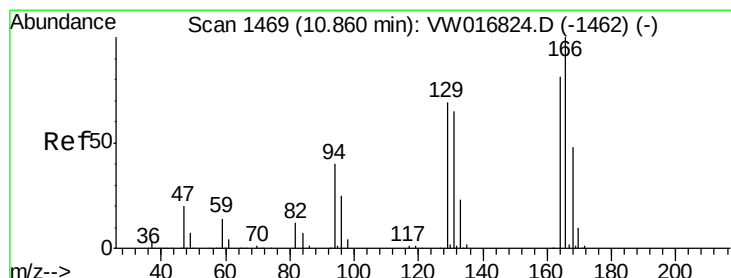
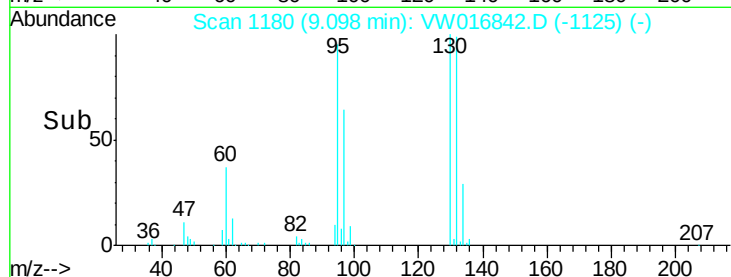
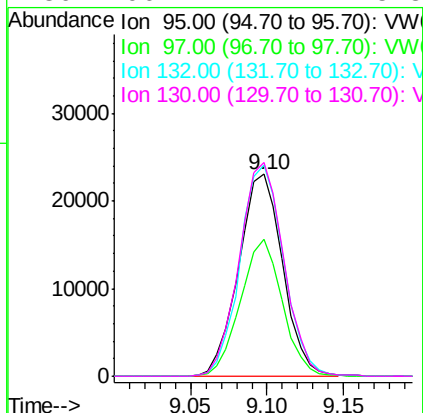
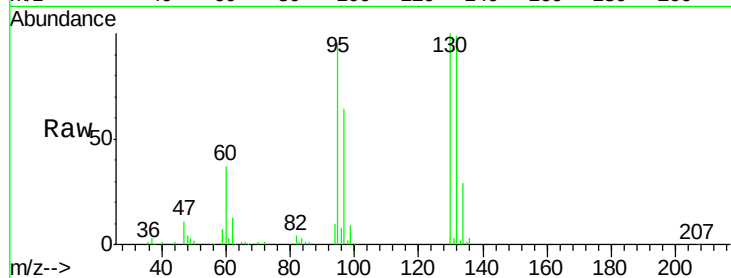




#35
 Trichloroethene
 Concen: 29.500 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
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Tot Ion	95	Resp	46195
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.7	83.1
132	103.8	73.8	137.2
130	106.7	77.1	143.3



#47
 Tetrachloroethene
 Concen: 348.052 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW016842.D
 Acq: 07 Oct 2020 19:09

Tgt Ion	164	Resp	505295
Ion	Ratio	Lower	Upper
164	100		
129	89.3	61.7	114.7
131	87.0	59.7	110.9
166	129.8	88.3	164.1

