

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017057.D
 Acq On : 03 Nov 2020 14:23
 Operator : SY/VA
 Sample : VIBLK27
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK27

Quant Time: Nov 04 04:58:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	420938	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	382386	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186468	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107542	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
7) Chloroethane-d5	2.89	69	95859	25.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.88%
10) 1,1-Dichloroethene-d2	4.02	63	169043	17.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.56%
20) 2-Butanone-d5	7.08	46	57392	62.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.42%
24) Chloroform-d	7.65	84	260846	26.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.48%
26) 1,2-Dichloroethane-d4	8.31	65	127180	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.32%
29) Benzene-d6	8.27	84	523615	26.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.64%
33) 1,2-Dichloropropane-d6	9.27	67	149069	28.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.48%
37) Toluene-d8	10.33	98	492174	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.44%
38) trans-1,3-Dichloropropene-	10.59	79	58859	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.64%
39) 2-Hexanone-d5	10.93	63	46818	62.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119159	29.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	186369	28.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.76%

Target Compounds

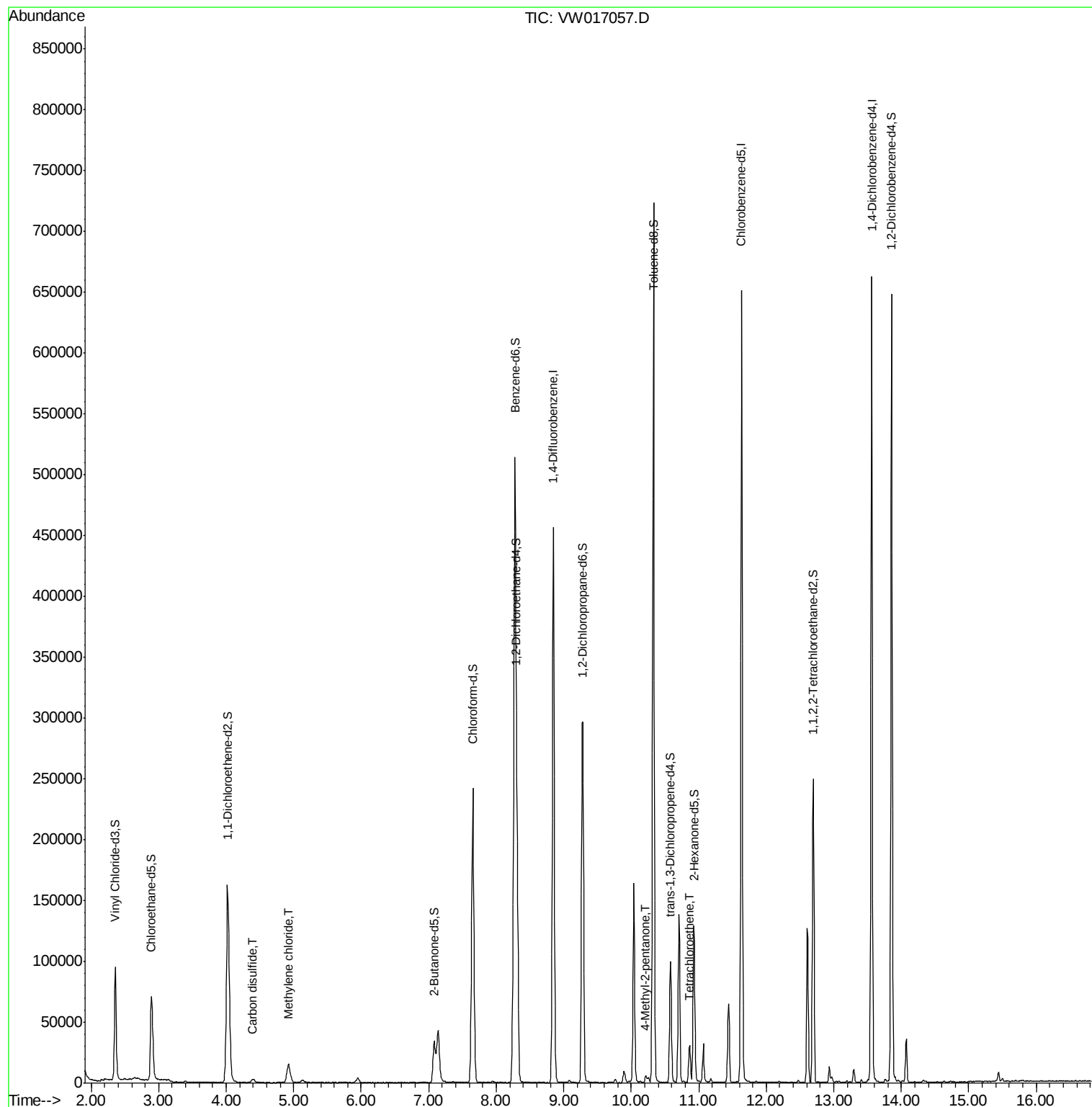
					Ovalue
14) Carbon disulfide	4.39	76	3673	0.220 ug/L #	91
16) Methylene chloride	4.92	84	13691	2.460 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	3836	1.715 ug/L	98
47) Tetrachloroethene	10.87	164	7501	1.394 ug/L	93

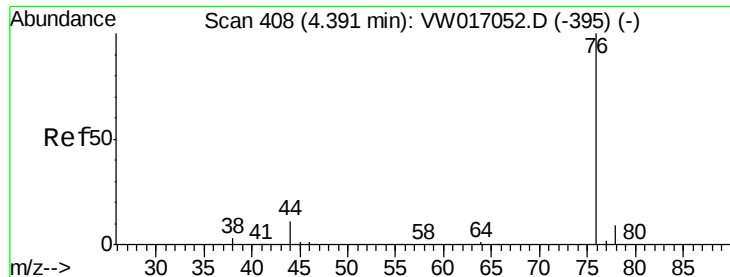
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.220 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017057.D

Acq: 03 Nov 2020 14:23

Instrument :

MSVOA_W

ClientSampleId :

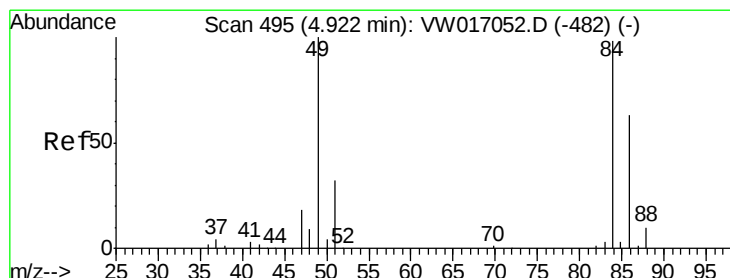
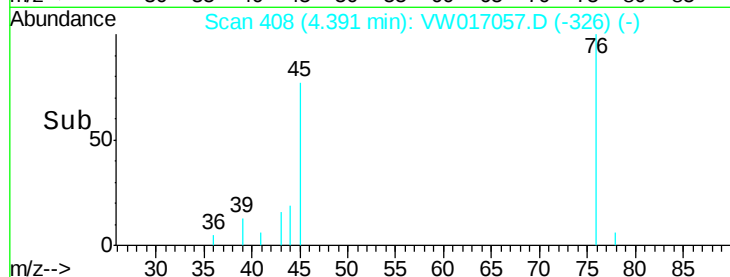
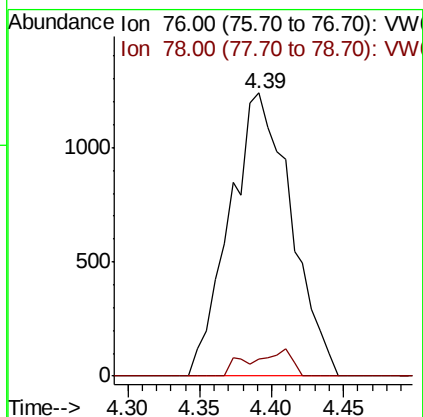
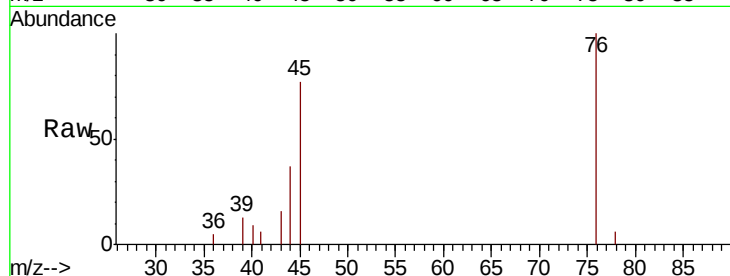
VIBLK27

Tot Ion: 76 Resp: 3673

Ion Ratio Lower Upper

76 100

78 5.9 7.3 10.9#



#16

Methylene chloride

Concen: 2.460 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017057.D

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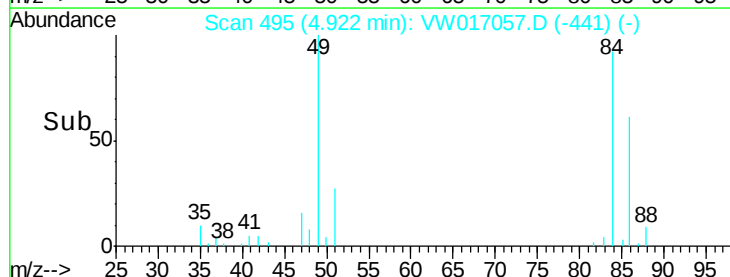
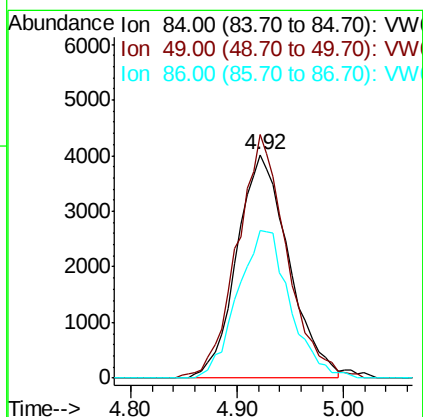
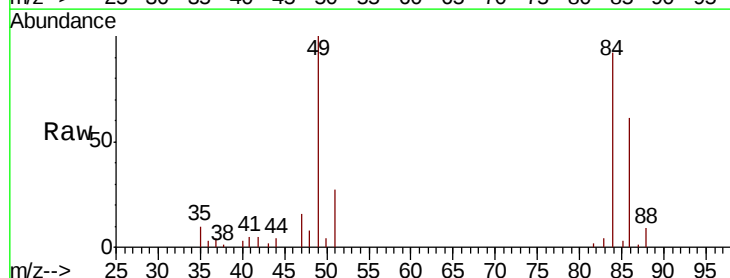
Tgt Ion: 84 Resp: 13691

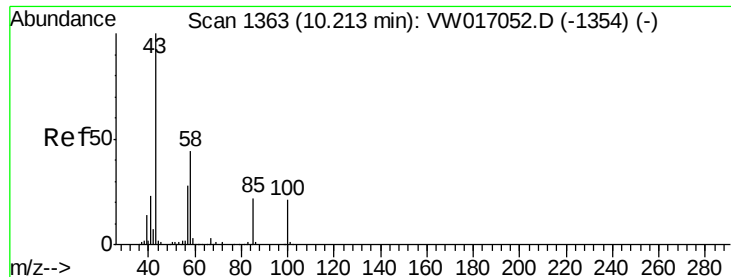
Ion Ratio Lower Upper

84 100

49 108.8 73.8 137.0

86 66.0 47.4 88.0

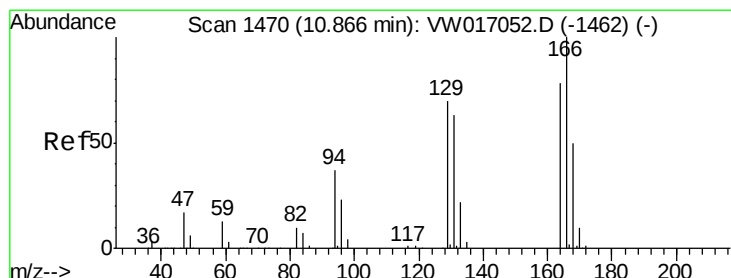
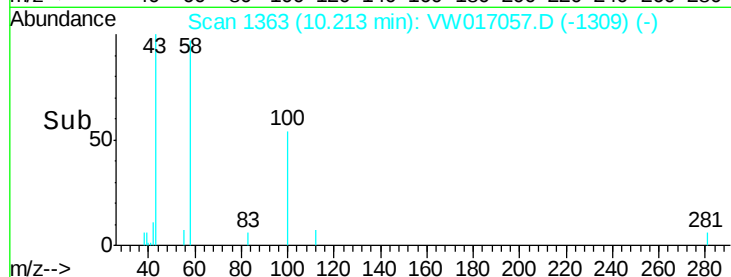
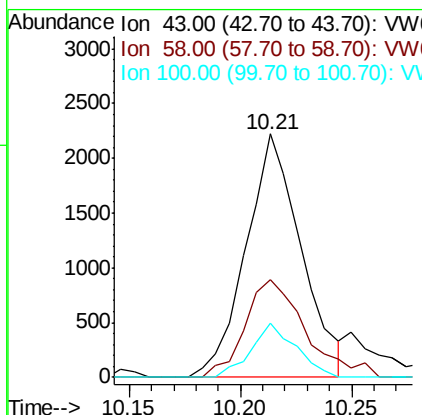
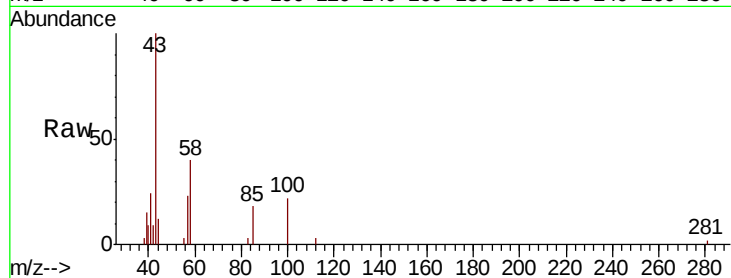




#43
4-Methyl-2-pentanone
Concen: 1.715 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
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Tot Ion: 43 Resp: 3836
Ion Ratio Lower Upper
43 100
58 43.8 34.4 51.6
100 18.0 16.2 24.2



#47
Tetrachloroethene
Concen: 1.394 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017057.D
Acq: 03 Nov 2020 14:23

Tgt Ion: 164 Resp: 7501
Ion Ratio Lower Upper
164 100
129 93.4 64.0 119.0
131 88.6 61.7 114.5
166 119.1 94.6 175.8

