

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101720\
 Data File : VW016934.D
 Acq On : 16 Oct 2020 18:25
 Operator : SY/VA
 Sample : VIBLK18
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK18

Manual Integrations
 APPROVED

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 10/19/2020 11:53:17 AM

Quant Time: Oct 17 02:33:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	497420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	468353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219623	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86461	17.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.48%
7) Chloroethane-d5	2.89	69	74052	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.96%
10) 1,1-Dichloroethene-d2	4.03	63	133897	12.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.40%
20) 2-Butanone-d5	7.08	46	69447	62.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.96%
24) Chloroform-d	7.65	84	223287	21.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	8.31	65	119245m	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.08%
29) Benzene-d6	8.27	84	433173	20.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.44%
33) 1,2-Dichloropropane-d6	9.27	67	125931	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.12%
37) Toluene-d8	10.32	98	400196	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.76%
38) trans-1,3-Dichloropropene-	10.58	79	52156	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.76%
39) 2-Hexanone-d5	10.93	63	55144	62.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126280	27.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	159384	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	9412	1.371 ug/L	91
43) 4-Methyl-2-pentanone	10.21	43	2341	0.818 ug/L #	93
47) Tetrachloroethene	10.87	164	5712	0.866 ug/L	90

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

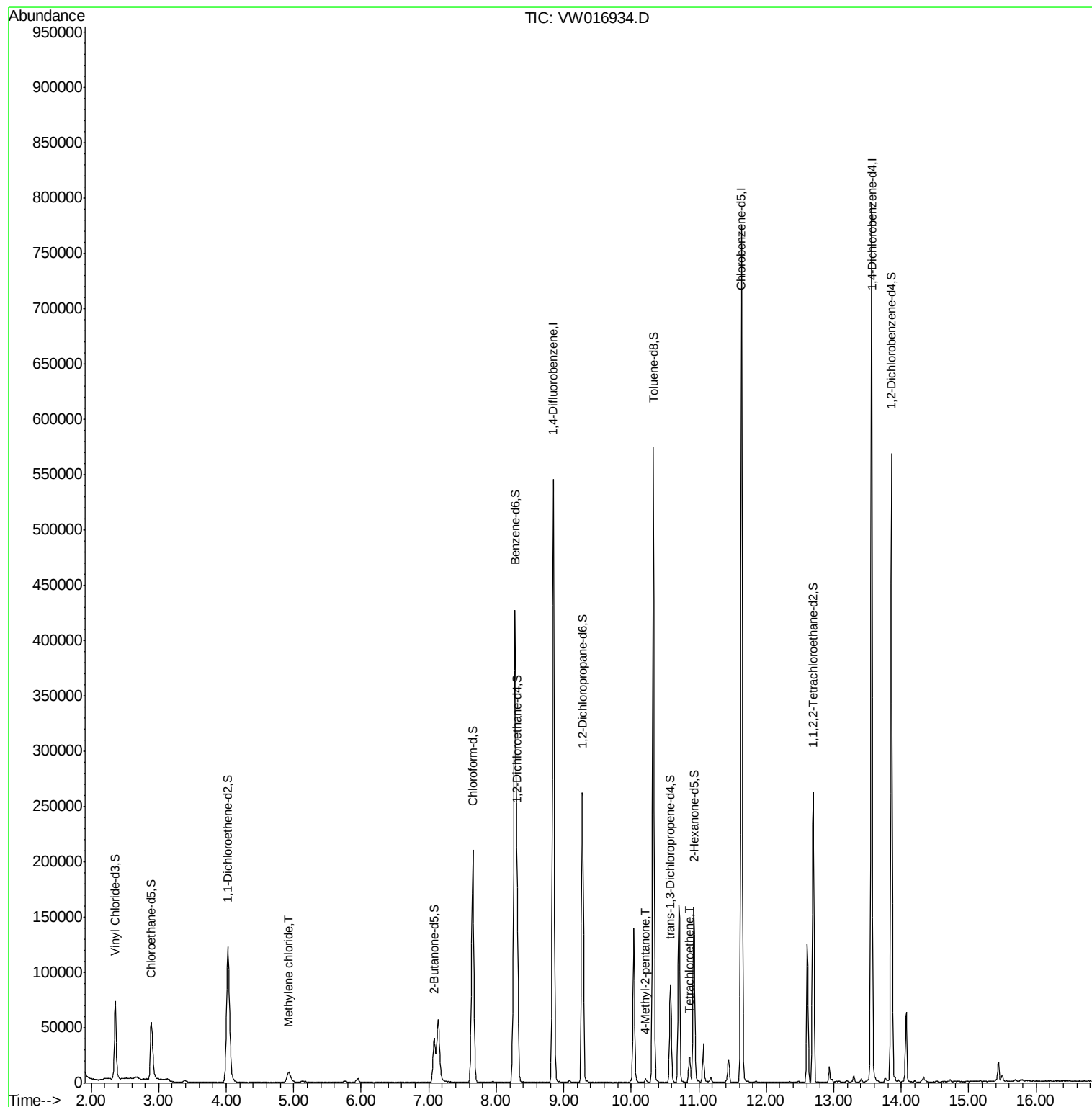
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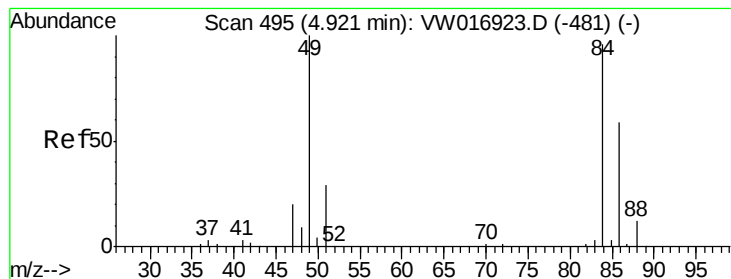
Instrument :
MSVOA_W
ClientSampled :
VIBLK18

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#16

Methylene chloride

Concen: 1.371 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016934.D

Acq: 16 Oct 2020 18:25

Instrument :

MSVOA_W

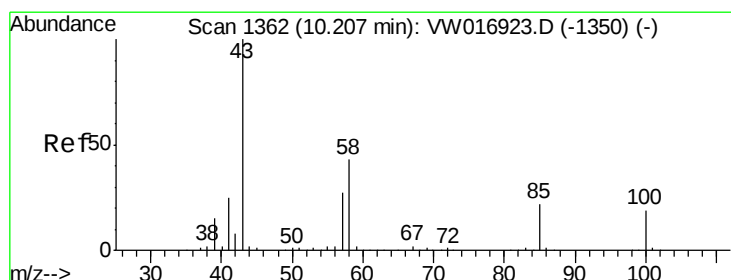
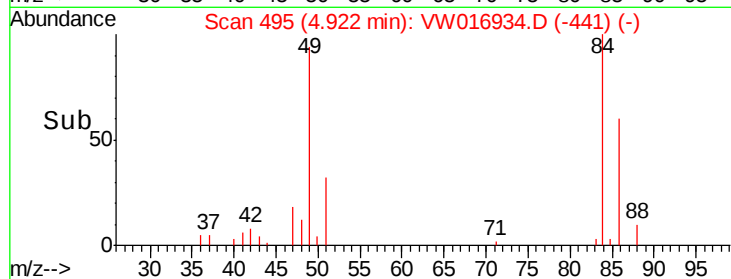
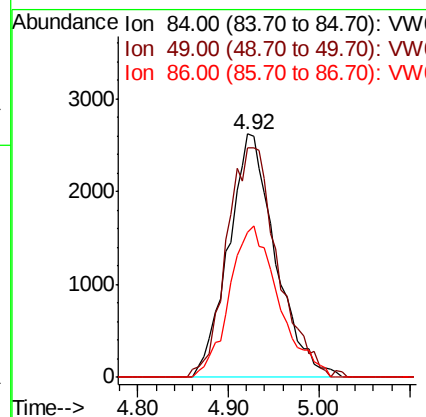
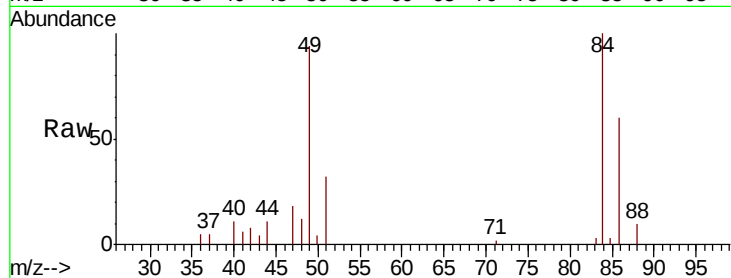
ClientSampled :

VIBLK18

Tot Ion:	84	Resp:	9412
Ion	Ratio	Lower	Upper
84	100		
49	94.0	73.1	135.8
86	59.7	46.0	85.4

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#43

4-Methyl-2-pentanone

Concen: 0.818 ug/L

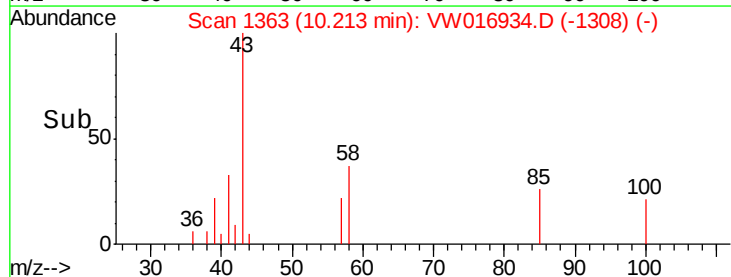
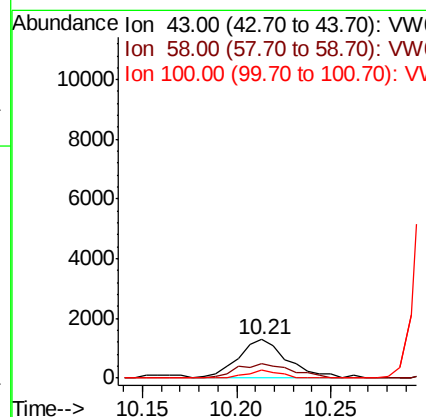
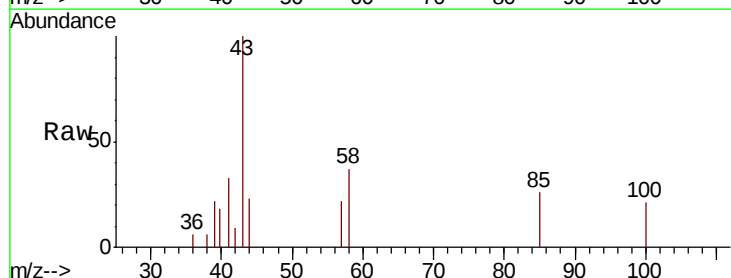
RT: 10.21 min Scan# 1363

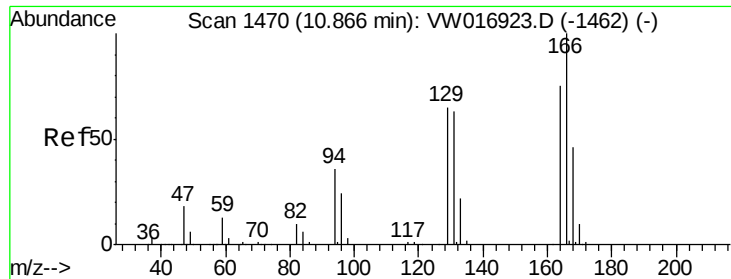
Delta R.T. 0.01 min

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Tgt Ion:	43	Resp:	2341
Ion	Ratio	Lower	Upper
43	100		
58	41.6	34.7	52.1
100	13.8	16.9	25.3#





#47
Tetrachloroethene
Concen: 0.866 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
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Tot Ion:	164	Resp:	5712
Ion	Ratio	Lower	Upper
164	100		
129	100.3	61.7	114.7
131	89.1	59.7	110.9
166	113.5	88.3	164.1

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