

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\
 Data File : VW017090.D
 Acq On : 05 Nov 2020 15:33
 Operator : SY/VA
 Sample : VIBLK04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK04

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:34:50 AM

Quant Time: Nov 06 04:34:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 04:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	487481	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	445739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	212993	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	155928	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.56%
7) Chloroethane-d5	2.89	69	118590	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.24%
10) 1,1-Dichloroethene-d2	4.02	63	202997	18.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.92%
20) 2-Butanone-d5	7.08	46	68148	49.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.26%
24) Chloroform-d	7.65	84	289970	25.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	8.31	65	148138	26.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.72%
29) Benzene-d6	8.27	84	582484	25.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.64%
33) 1,2-Dichloropropane-d6	9.27	67	161650	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.00%
37) Toluene-d8	10.33	98	537760	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.52%
38) trans-1,3-Dichloropropene-	10.58	79	67831	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.84%
39) 2-Hexanone-d5	10.93	63	54685	49.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144429	26.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	195933	26.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.44%

Target Compounds

					Ovalue	
13) Acetone	4.14	43	2090m	2.273	ug/L	
16) Methylene chloride	4.92	84	9077m	1.381	ug/L	
43) 4-Methyl-2-pentanone	10.21	43	5552	1.645	ug/L	92
47) Tetrachloroethene	10.86	164	2121	0.359	ug/L	80

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

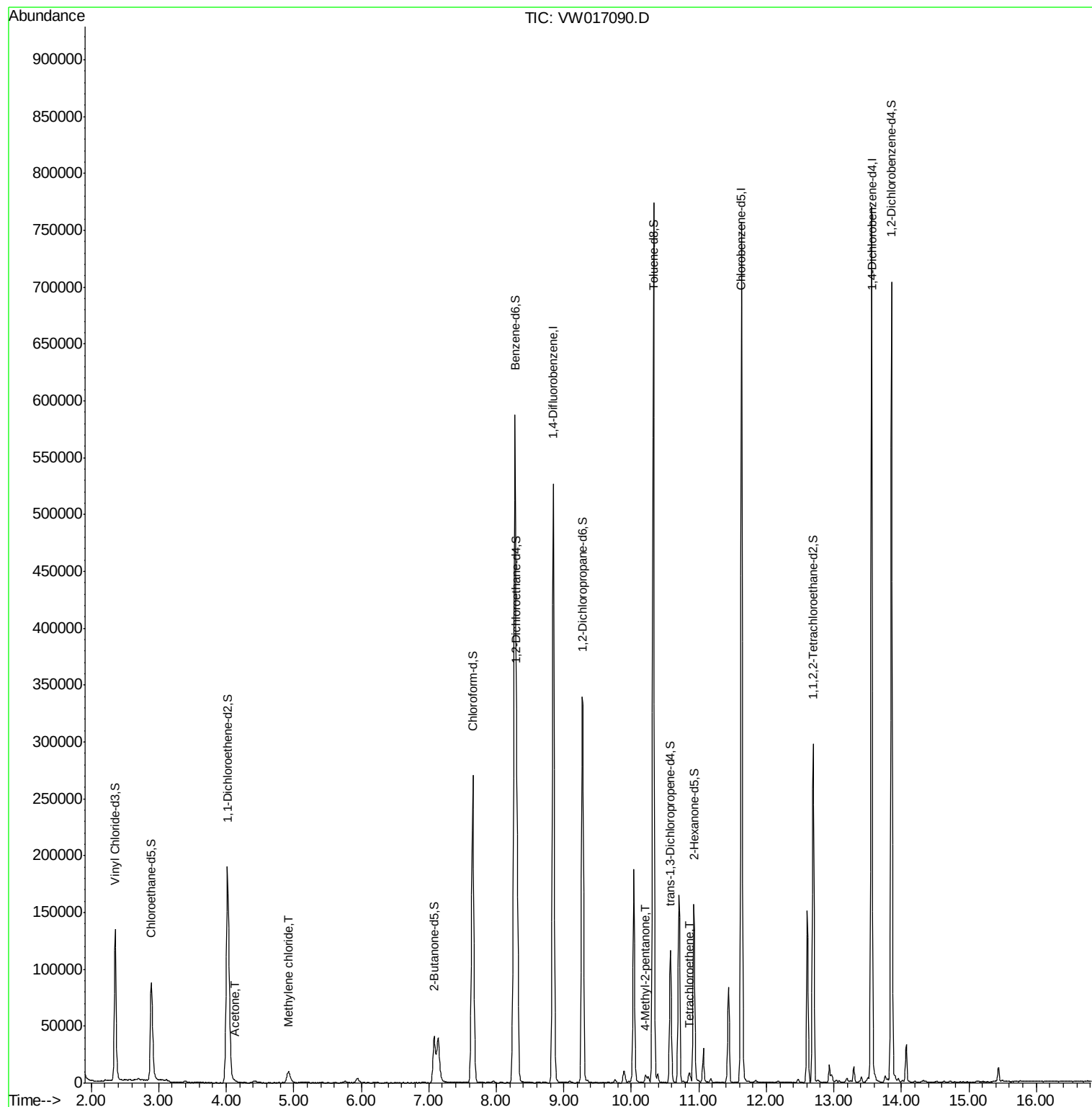
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110520\
Data File : VW017090.D
Acq On : 05 Nov 2020 15:33
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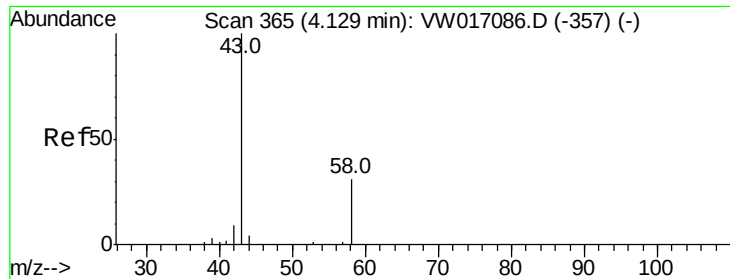
Instrument :
MSVOA_W
ClientSampleId :
VIBLK04

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Quant Time: Nov 06 04:34:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 06 04:09:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.273 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017090.D

Acq: 05 Nov 2020 15:33

Instrument :

MSVOA_W

ClientSampled :

VIBLK04

Tot Ion: 43 Resp: 2090

Ion Ratio Lower Upper

43 100

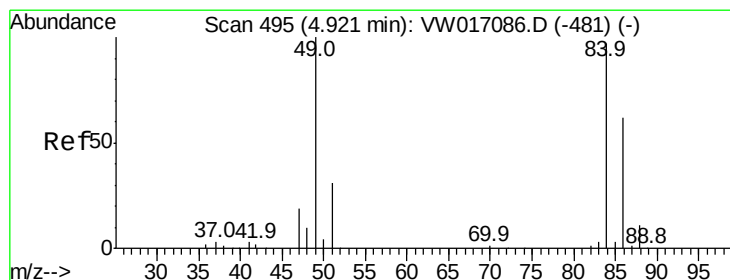
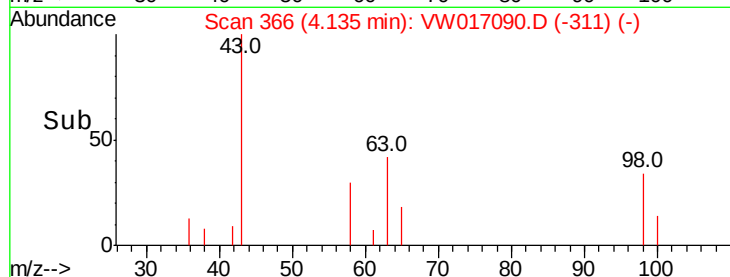
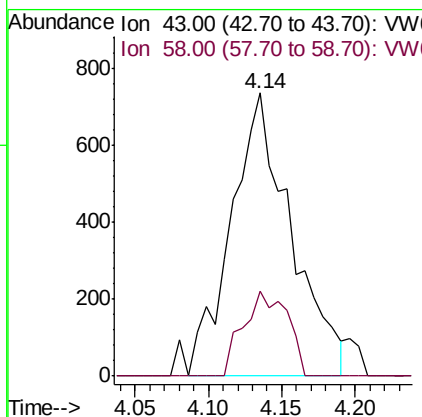
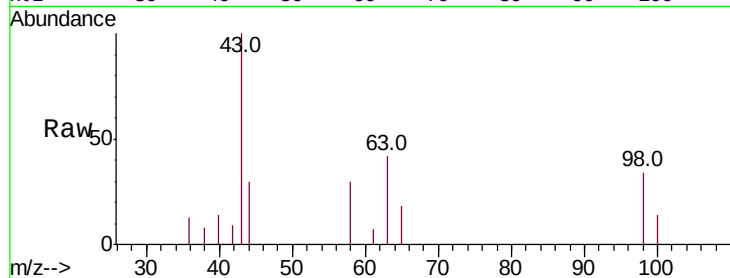
58 13.7 0.0 69.2

Manual Integrations

APPROVED

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11/9/2020 10:34:50 AM



#16

Methylene chloride

Concen: 1.381 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017090.D

Acq: 05 Nov 2020 15:33

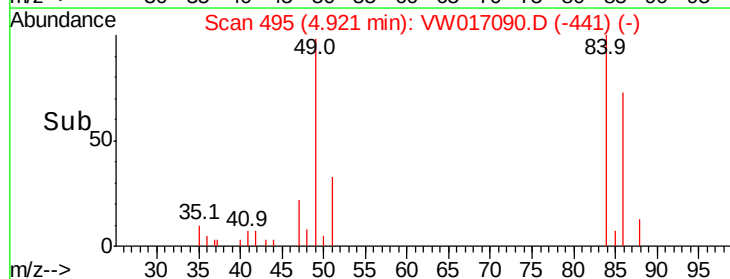
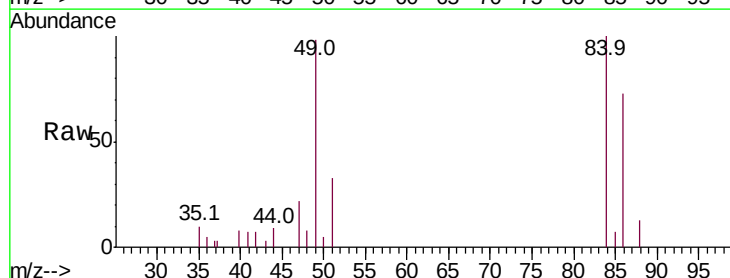
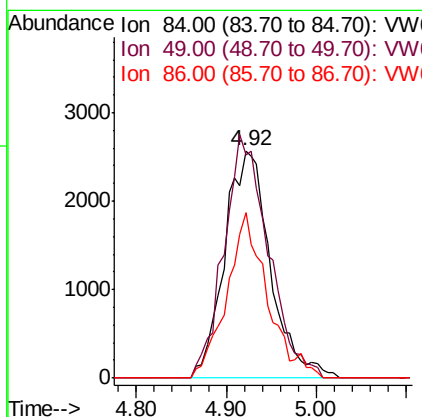
Tgt Ion: 84 Resp: 9077

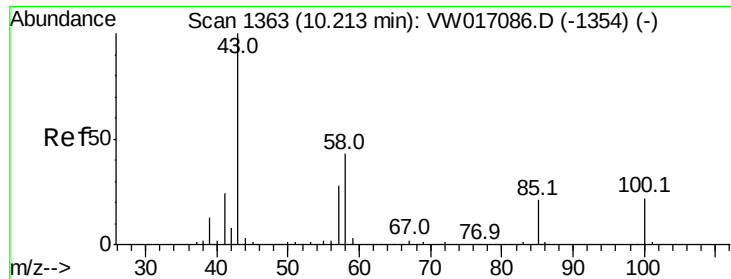
Ion Ratio Lower Upper

84 100

49 98.4 72.3 134.3

86 73.0 45.1 83.7





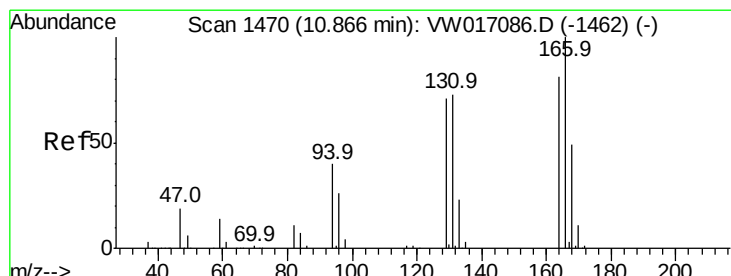
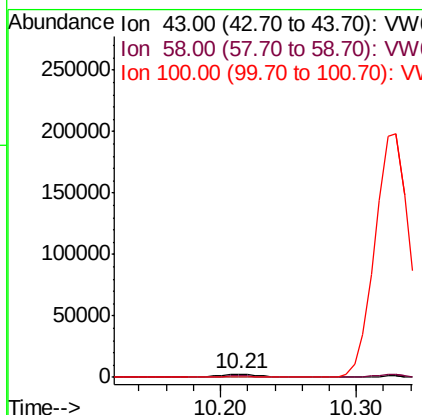
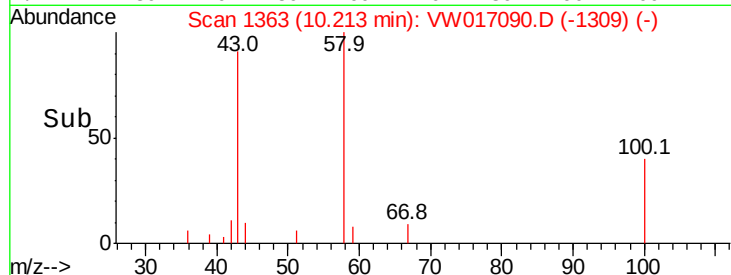
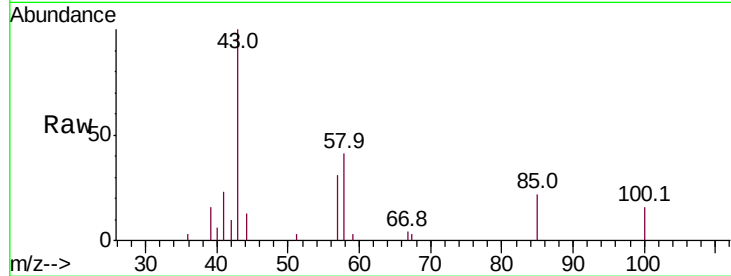
#43
4-Methyl-2-pentanone
Concen: 1.645 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017090.D
Acq: 05 Nov 2020 15:33

Instrument :
MSVOA_W
ClientSampled :
VIBLK04

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	35.0	52.6
100	17.7	16.6	24.8

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#47
Tetrachloroethene
Concen: 0.359 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW017090.D
Acq: 05 Nov 2020 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
129	77.9	62.9	116.7
131	71.8	63.3	117.5
166	101.0	92.0	170.8

