

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017877.D
 Acq On : 14 Jan 2021 14:06
 Operator : SY/VA
 Sample : M1132-05
 Misc : 6.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A04

Manual Integrations
 APPROVED

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 1/15/2021 6:29:09 PM

Quant Time: Jan 14 23:42:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334871	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307832	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143129	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129497	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.96%
7) Chloroethane-d5	2.89	69	107812	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.84%
10) 1,1-Dichloroethene-d2	4.02	63	172738	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.56%
20) 2-Butanone-d5	7.08	46	52301	62.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.56%
24) Chloroform-d	7.65	84	232845	26.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	8.31	65	133502m	29.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.92%
29) Benzene-d6	8.27	84	454796	26.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.92%
33) 1,2-Dichloropropane-d6	9.27	67	132525	27.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.92%
37) Toluene-d8	10.32	98	427102	25.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.60%
38) trans-1,3-Dichloropropene-	10.58	79	52648	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.84%
39) 2-Hexanone-d5	10.93	63	36302	60.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99184	27.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	125577	25.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.80%

Target Compounds					Ovalue
13) Acetone	4.14	43	2538m	3.500	ug/L
16) Methylene chloride	4.92	84	11286	2.357	ug/L
47) Tetrachloroethene	10.86	164	12186	3.199	ug/L

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

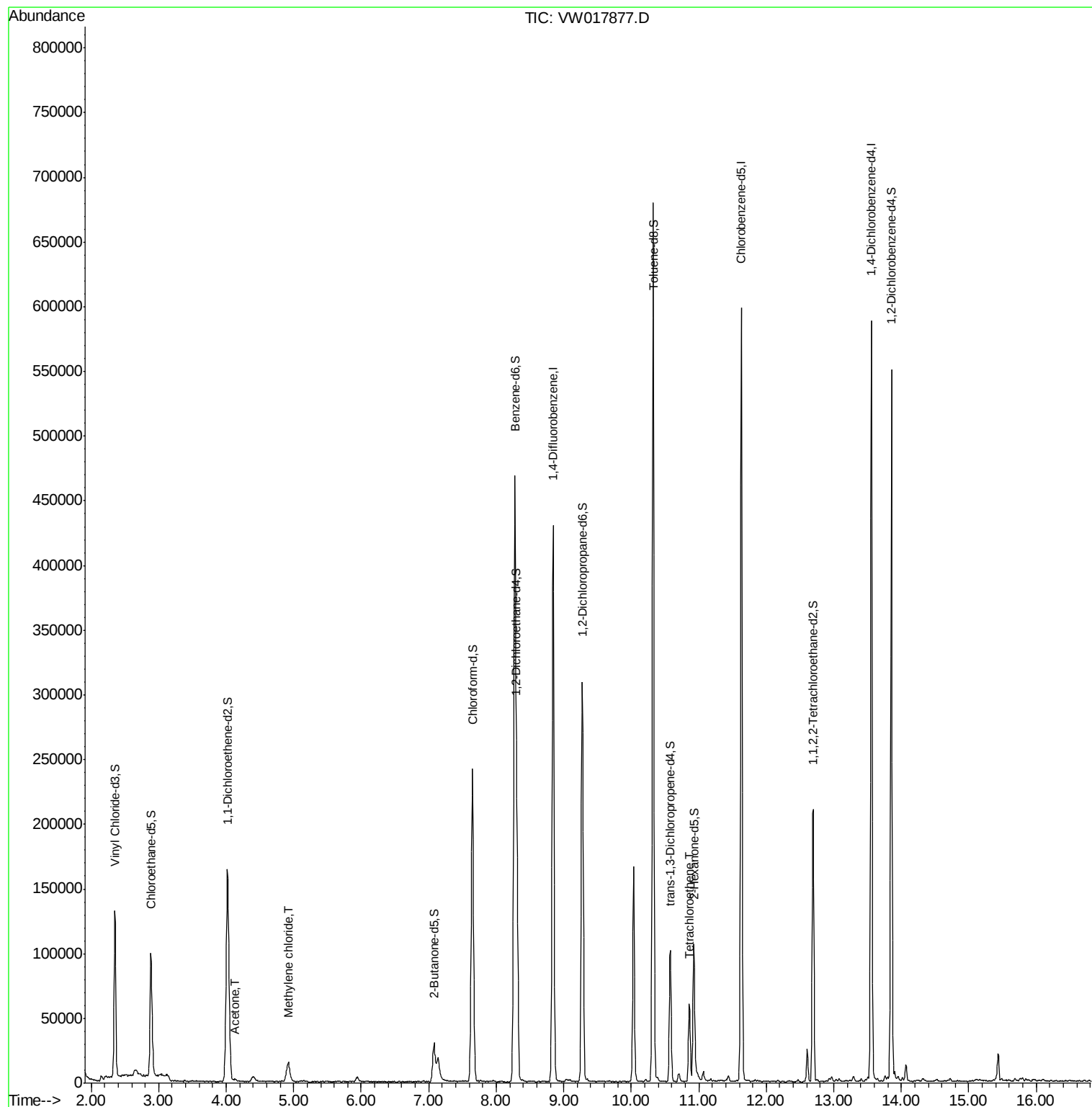
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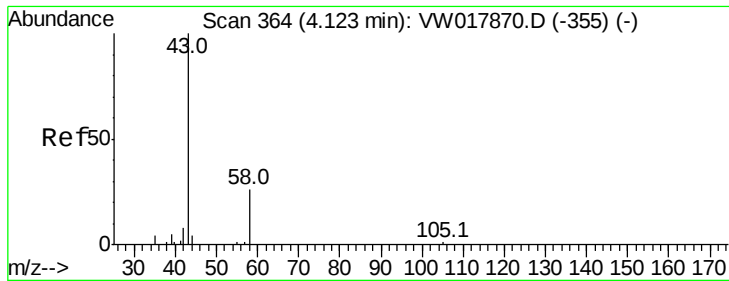
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Response via : Initial Calibration





#13

Acetone

Concen: 3.500 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017877.D

Acq: 14 Jan 2021 14:06

Tot Ion: 43 Resp: 2538

Ion Ratio Lower Upper

43 100

58 13.0 0.0 60.8

Instrument :

MSVOA_W

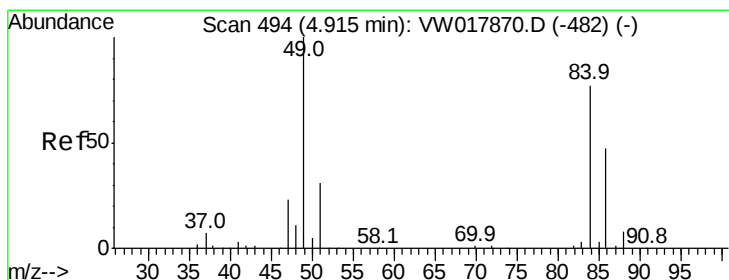
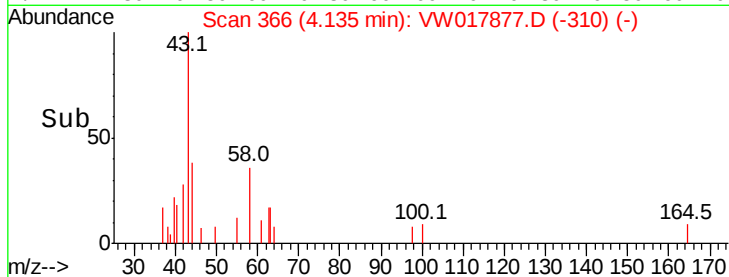
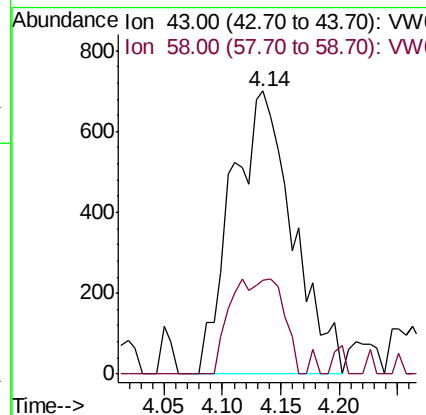
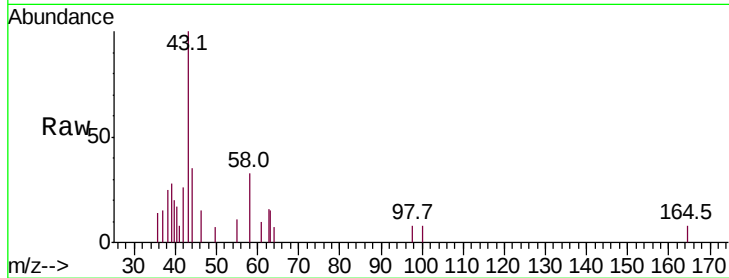
ClientSampleId :

F1A04

Manual Integrations
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#16

Methylene chloride

Concen: 2.357 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017877.D

Acq: 14 Jan 2021 14:06

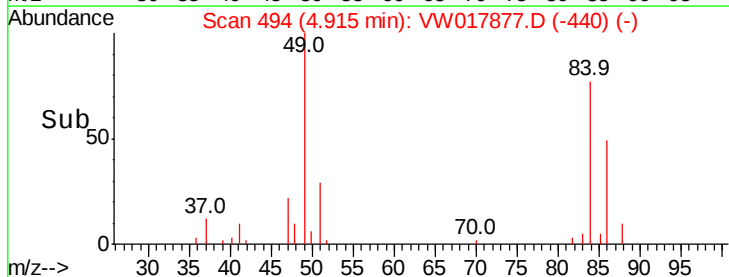
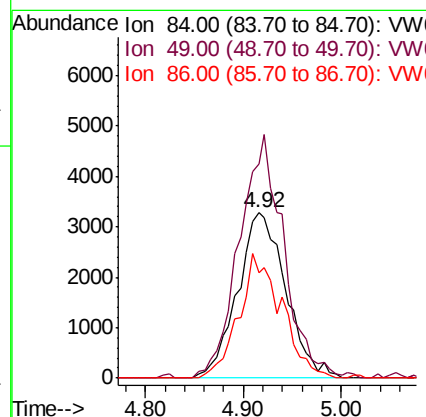
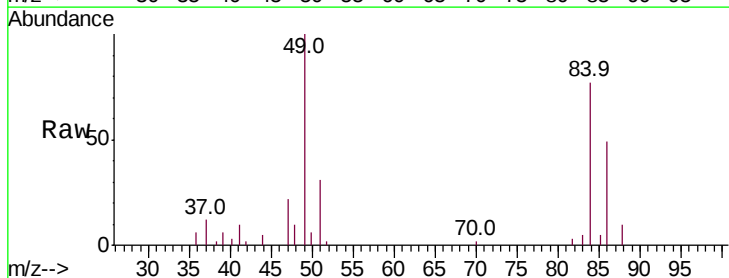
Tgt Ion: 84 Resp: 11286

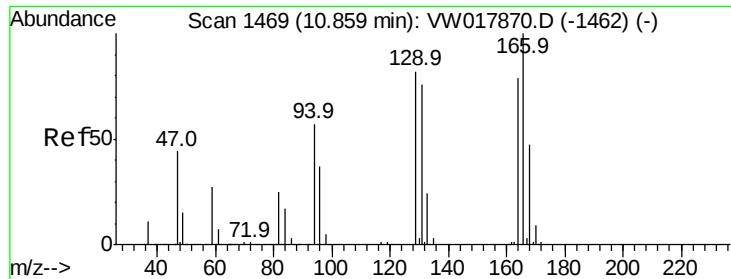
Ion Ratio Lower Upper

84 100

49 129.4 90.5 168.1

86 63.6 44.8 83.2





#47
Tetrachloroethene
Concen: 3.199 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW017877.D
Acq: 14 Jan 2021 14:06

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
164	100		
129	94.7	62.9	116.9
131	96.1	63.8	118.6
166	106.9	87.4	162.2

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