

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\
 Data File : VW017746.D
 Acq On : 24 Dec 2020 19:09
 Operator : SY/VA
 Sample : L5173-11
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4R7

Manual Integrations
 APPROVED

MMDadoda
 12/26/2020 1:37:47 PM

Quant Time: Dec 25 08:20:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	374684	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311196	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	120391	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111746	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.08%
7) Chloroethane-d5	2.89	69	95420	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.76%
10) 1,1-Dichloroethene-d2	4.02	63	146023	14.46	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.84%
20) 2-Butanone-d5	7.08	46	42182	44.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.78%
24) Chloroform-d	7.65	84	200167	20.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.76%
26) 1,2-Dichloroethane-d4	8.31	65	111945	22.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.36%
29) Benzene-d6	8.27	84	389609	22.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.92%
33) 1,2-Dichloropropane-d6	9.27	67	113556	23.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.00%
37) Toluene-d8	10.32	98	359042	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.32%
38) trans-1,3-Dichloropropene-	10.58	79	44262	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.20%
39) 2-Hexanone-d5	10.93	63	29710	48.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79476	22.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	88799	21.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.72%

Target Compounds

					Ovalue
13) Acetone	4.12	43	5568m	6.862	ug/L
14) Carbon disulfide	4.38	76	13132	0.952	ug/L
16) Methylene chloride	4.92	84	9458	1.765	ug/L
17) Methyl tert-butyl Ether	5.44	73	22989m	3.928	ug/L

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

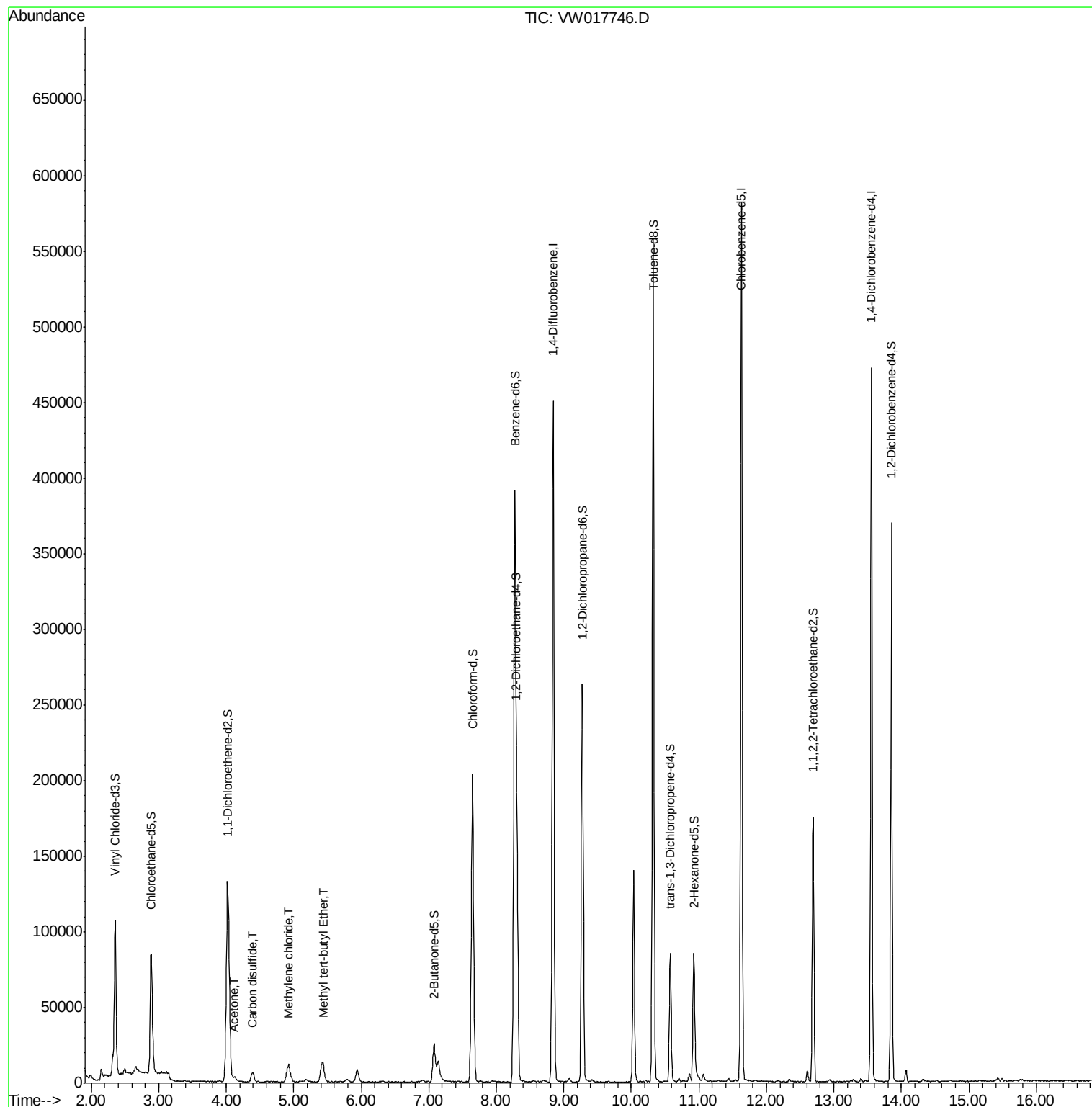
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122420\
Data File : VW017746.D
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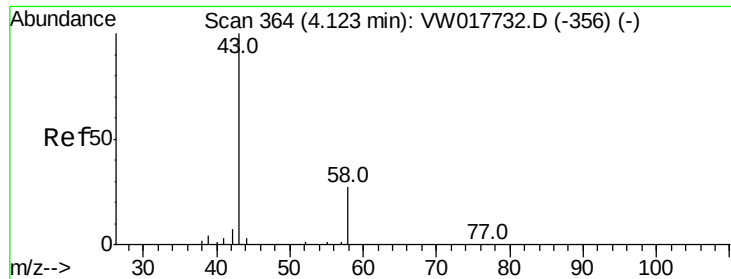
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Dec 25 08:20:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.862 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017746.D

Acq: 24 Dec 2020 19:09

Instrument :

MSVOA_W

ClientSampled :

BG4R7

Tot Ion: 43 Resp: 5568

Ion Ratio Lower Upper

43 100

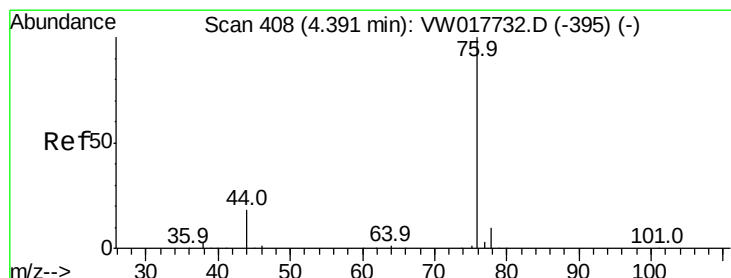
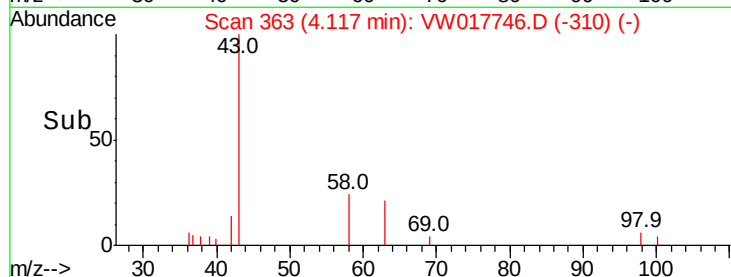
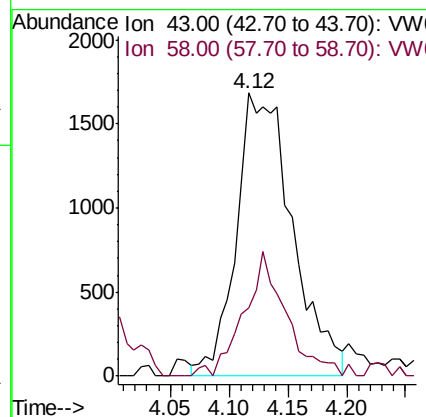
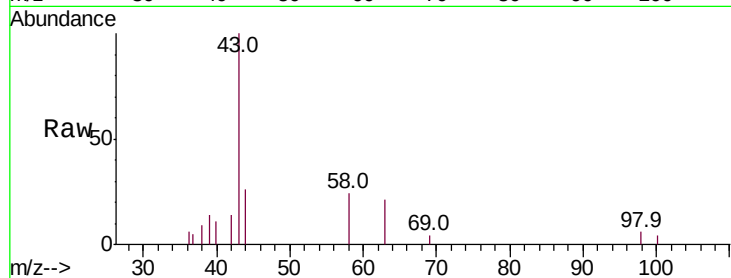
58 0.5 0.0 60.8

Manual Integrations

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#14

Carbon disulfide

Concen: 0.952 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017746.D

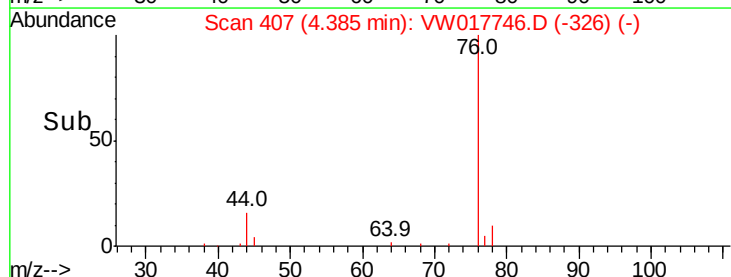
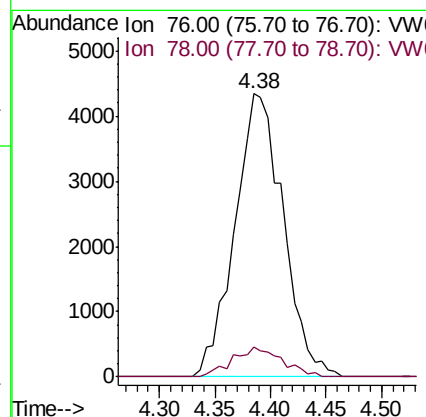
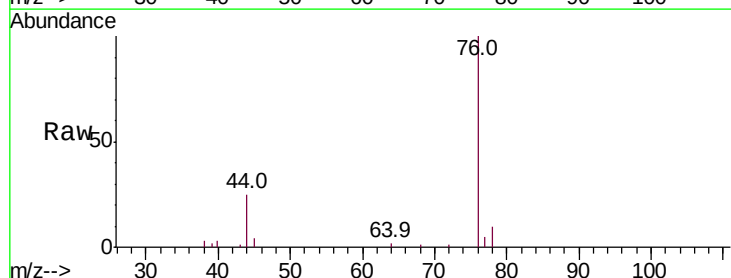
Acq: 24 Dec 2020 19:09

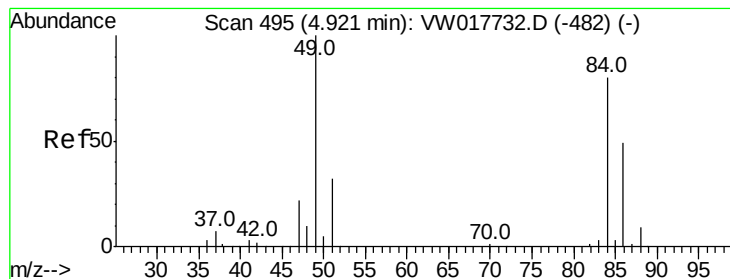
Tgt Ion: 76 Resp: 13132

Ion Ratio Lower Upper

76 100

78 10.4 7.1 10.7





#16

Methylene chloride

Concen: 1.765 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017746.D

Acq: 24 Dec 2020 19:09

Instrument :

MSVOA_W

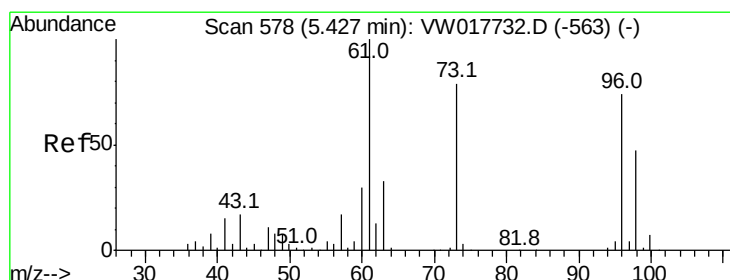
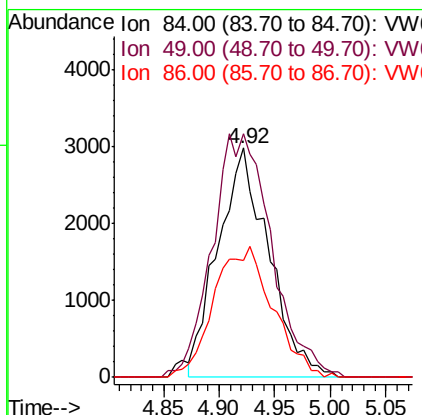
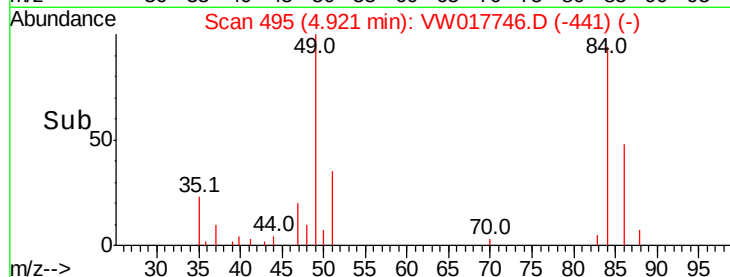
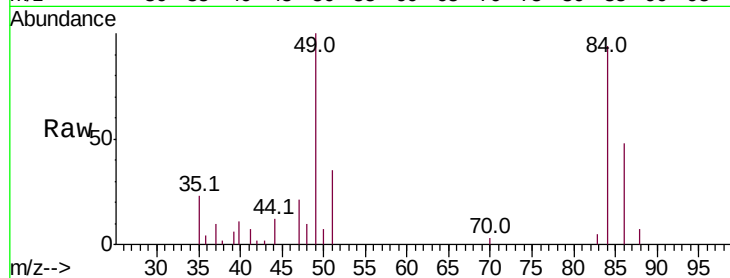
ClientSampled :

BG4R7

Tot Ion:	84	Resp:	9458
Ion	Ratio	Lower	Upper
84	100		
49	106.1	90.5	168.1
86	51.1	44.8	83.2

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#17

Methyl tert-butyl Ether

Concen: 3.928 ug/L m

RT: 5.44 min Scan# 580

Delta R.T. 0.01 min

Lab File: VW017746.D

Acq: 24 Dec 2020 19:09

Tgt Ion:	73	Resp:	22989
Ion	Ratio	Lower	Upper
73	100		
43	13.1	17.1	25.7#
57	12.7	16.6	25.0#

