

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017098.D
 Acq On : 06 Nov 2020 14:17
 Operator : SY/VA
 Sample : L4659-01
 Misc : 5.66G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4A3

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 11:54:39 AM

Quant Time: Nov 07 05:13:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	524859	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	461164	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196816	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	168494	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
7) Chloroethane-d5	2.89	69	127326	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.96%
10) 1,1-Dichloroethene-d2	4.02	63	225751	19.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.36%
20) 2-Butanone-d5	7.08	46	42726	28.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.80%
24) Chloroform-d	7.65	84	287885	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.31	65	131875	21.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.60%
29) Benzene-d6	8.27	84	594111	25.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.20%
33) 1,2-Dichloropropane-d6	9.27	67	158119	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.32	98	569258	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.84%
38) trans-1,3-Dichloropropene-	10.58	79	60140	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	34276	30.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103310	18.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	175327	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

					Ovalue
13) Acetone	4.13	43	10795	10.905 ug/L	69
14) Carbon disulfide	4.39	76	4646	0.262 ug/L	100
16) Methylene chloride	4.92	84	24110	3.407 ug/L	96
21) 2-Butanone	7.17	43	2409m	1.516 ug/L	

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

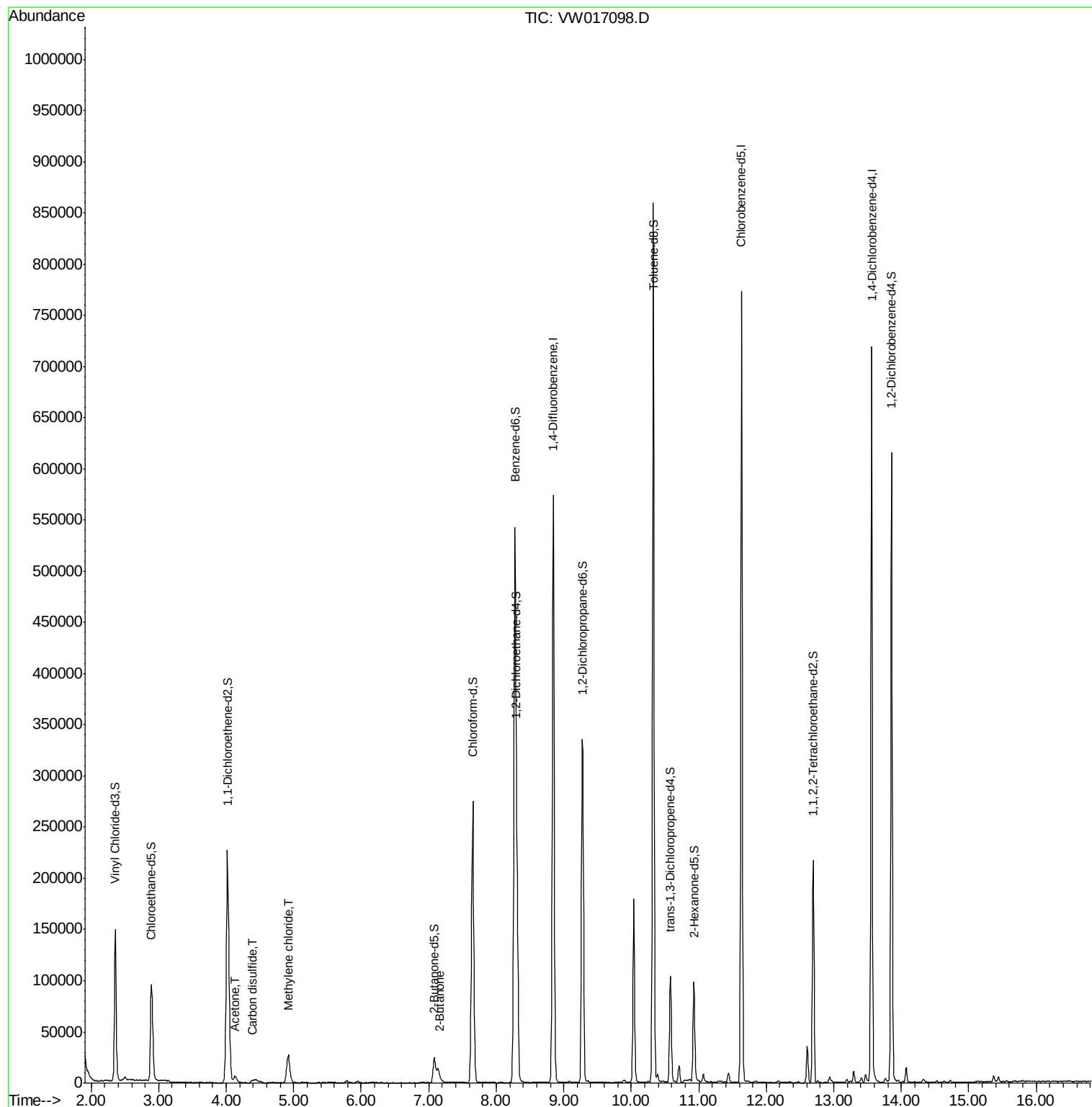
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110620\
Data File : VW017098.D
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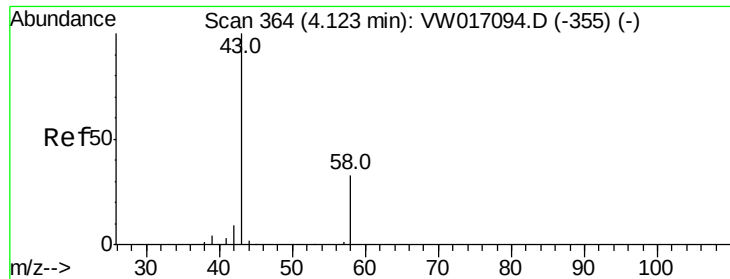
Instrument :
MSVOA_W
ClientSampleId :
BG4A3

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Quant Time: Nov 07 05:13:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 07 04:26:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 10.905 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017098.D

Acq: 06 Nov 2020 14:17

Instrument :

MSVOA_W

ClientSampled :

BG4A3

Tot Ion: 43 Resp: 10795

Ion Ratio Lower Upper

43 100

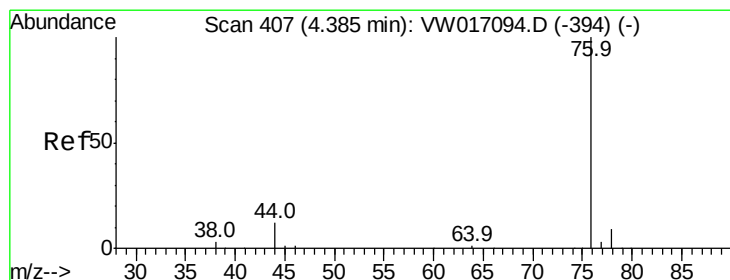
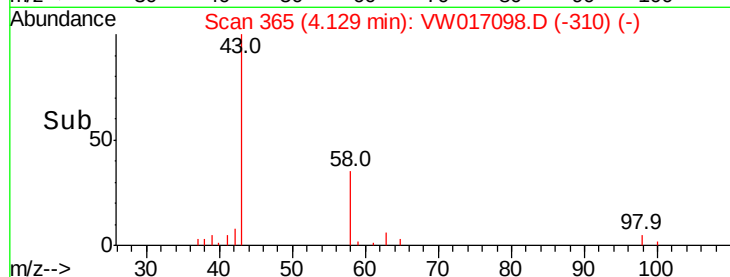
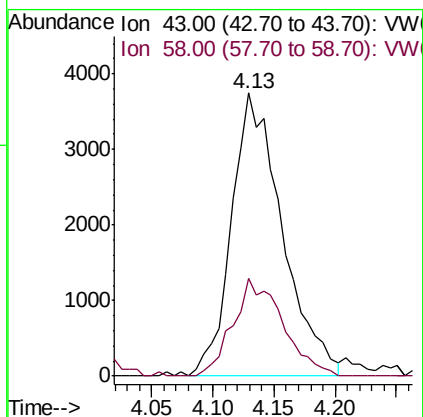
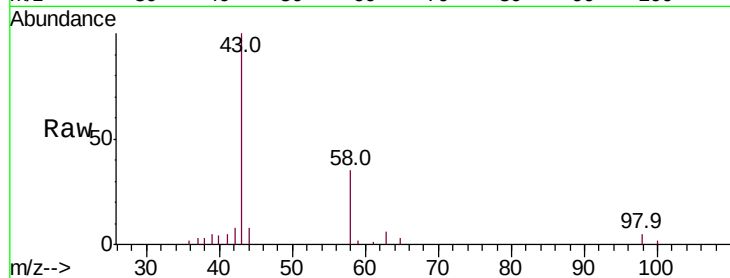
58 16.8 0.0 69.2

Manual Integrations

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11/9/2020 11:54:39 AM



#14

Carbon disulfide

Concen: 0.262 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW017098.D

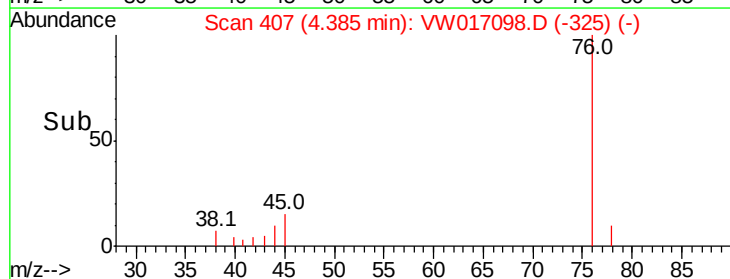
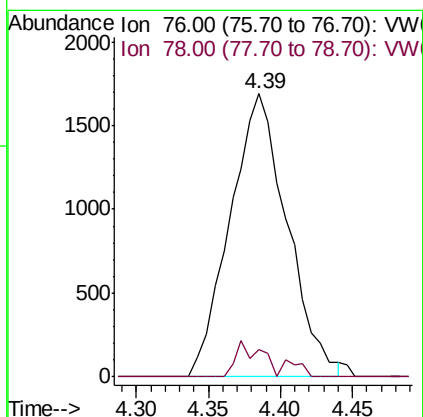
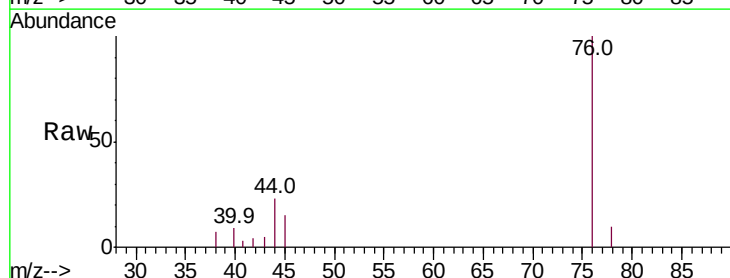
Acq: 06 Nov 2020 14:17

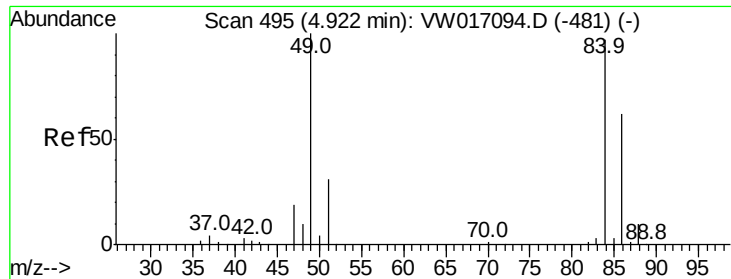
Tgt Ion: 76 Resp: 4646

Ion Ratio Lower Upper

76 100

78 9.7 7.6 11.4





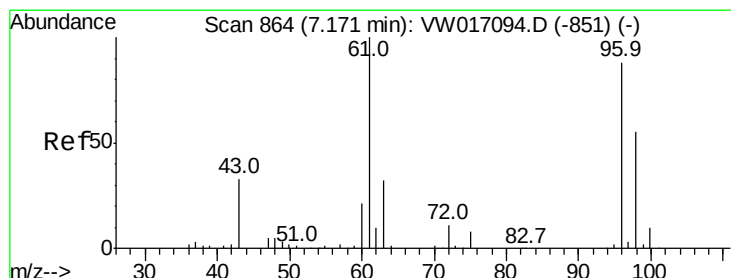
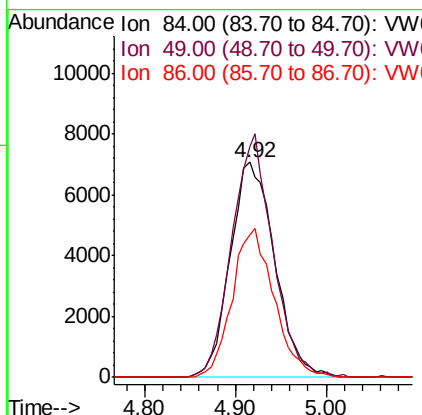
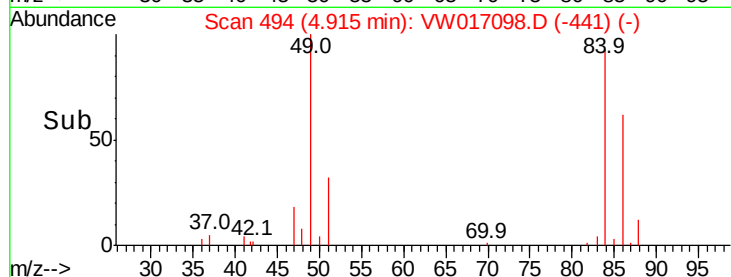
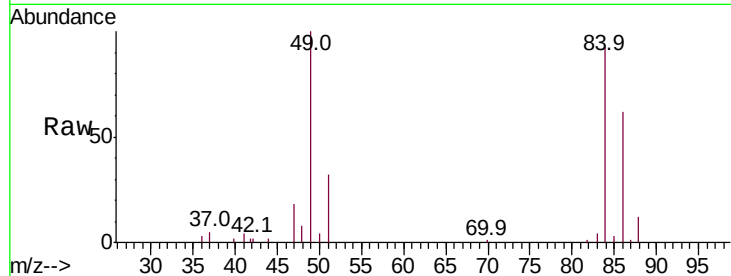
#16
Methylene chloride
Concen: 3.407 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017098.D
Acq: 06 Nov 2020 14:17

Instrument :
MSVOA_W
ClientSampled :
BG4A3

Tot Ion	Ratio	Lower	Upper
84	100		
49	107.5	72.3	134.3
86	66.3	45.1	83.7

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#21
2-Butanone
Concen: 1.516 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017098.D
Acq: 06 Nov 2020 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
72	5.3	16.1	48.3

