

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017313.D
 Acq On : 18 Nov 2020 02:40
 Operator : SY/VA
 Sample : L4738-19
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y6

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:10:02 AM

Quant Time: Nov 18 06:01:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	387683	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365249	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155559	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89748	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	2.89	69	82270	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
10) 1,1-Dichloroethene-d2	4.02	63	128307	14.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.76%
20) 2-Butanone-d5	7.08	46	53312	48.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.64%
24) Chloroform-d	7.65	84	222670	24.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	8.31	65	118922	26.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.72%
29) Benzene-d6	8.27	84	417323	22.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.76%
33) 1,2-Dichloropropane-d6	9.27	67	125554	24.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.60%
37) Toluene-d8	10.33	98	382686	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.28%
38) trans-1,3-Dichloropropene-	10.58	79	49969	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.16%
39) 2-Hexanone-d5	10.93	63	43963	48.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112442	25.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	138723	25.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.24%

Target Compounds					Ovalue
13) Acetone	4.12	43	18063	24.704 ug/L	99
16) Methylene chloride	4.93	84	13964m	2.672 ug/L	
21) 2-Butanone	7.18	43	3156	2.688 ug/L	84
44) Toluene	10.39	91	6120	0.290 ug/L	99

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

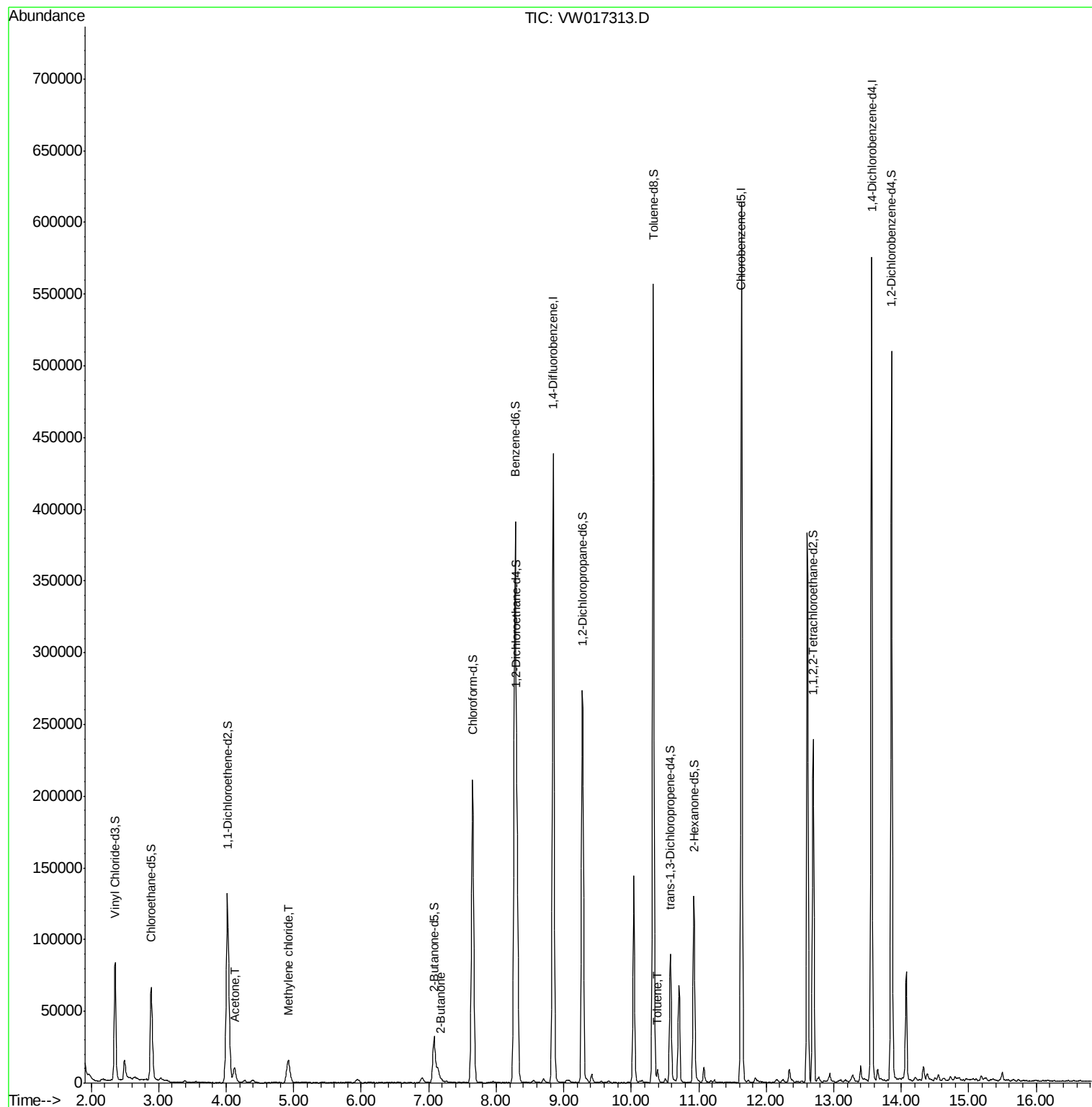
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
Data File : VW017313.D
Acq On : 18 Nov 2020 02:40
Operator : SY/VA
Sample : L4738-19
Misc : 5.98G/10ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

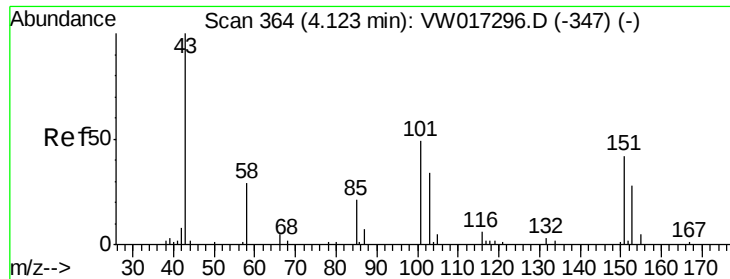
Instrument :
MSVOA_W
ClientSampleId :
GB0Y6

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:10:02 AM

Quant Time: Nov 18 06:01:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 24.704 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017313.D

Acq: 18 Nov 2020 02:40

Instrument :

MSVOA_W

ClientSampled :

GB0Y6

Tot Ion: 43 Resp: 18063

Ion Ratio Lower Upper

43 100

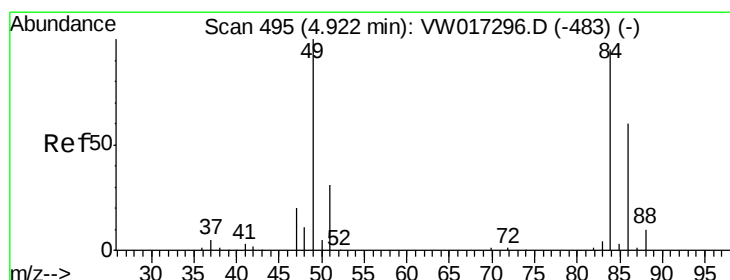
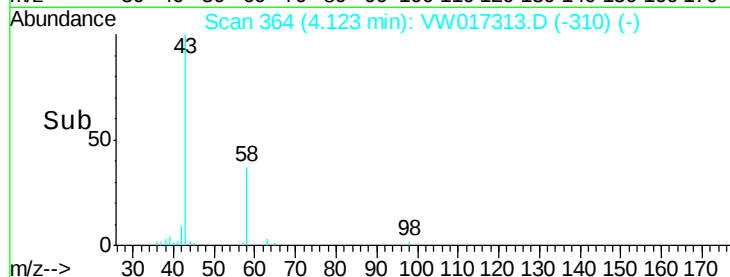
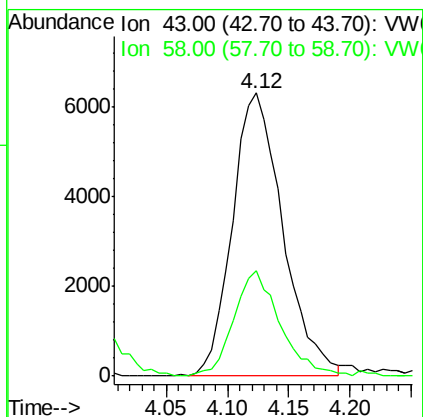
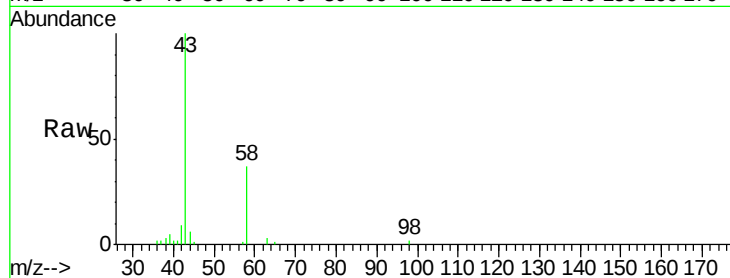
58 34.1 0.0 69.2

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:10:02 AM



#16

Methylene chloride

Concen: 2.672 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017313.D

Acq: 18 Nov 2020 02:40

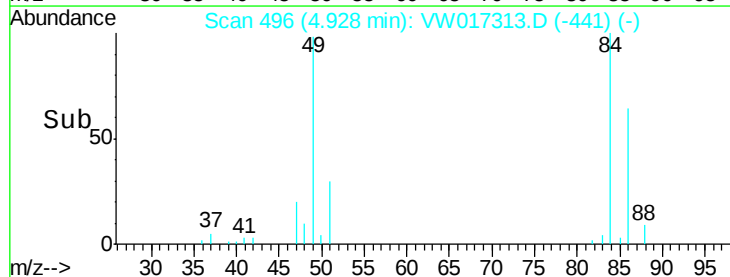
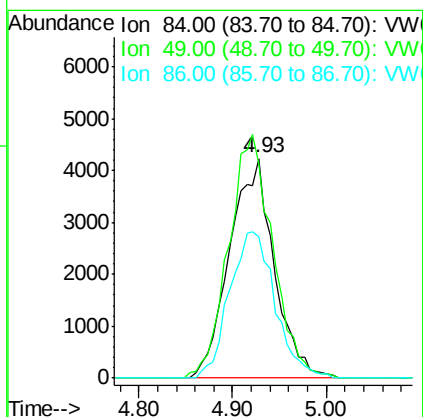
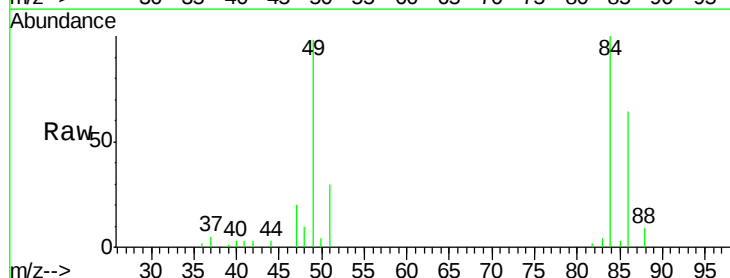
Tgt Ion: 84 Resp: 13964

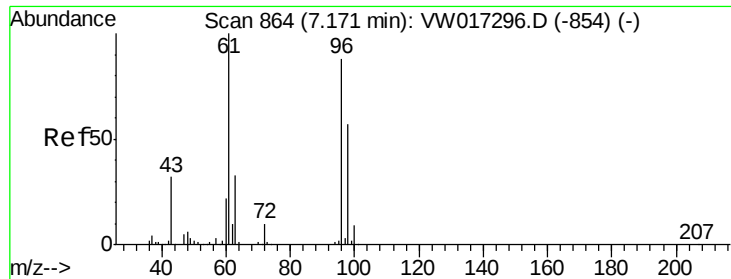
Ion Ratio Lower Upper

84 100

49 97.7 72.3 134.3

86 64.1 45.1 83.7





#21

2-Butanone

Concen: 2.688 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW017313.D

Acq: 18 Nov 2020 02:40

Instrument :

MSVOA_W

ClientSampled :

GB0Y6

Tot Ion: 43 Resp: 3156

Ion Ratio Lower Upper

43 100

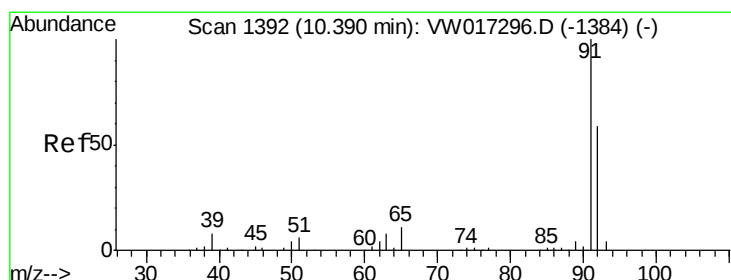
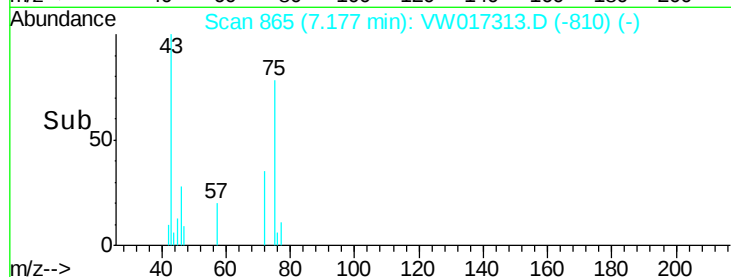
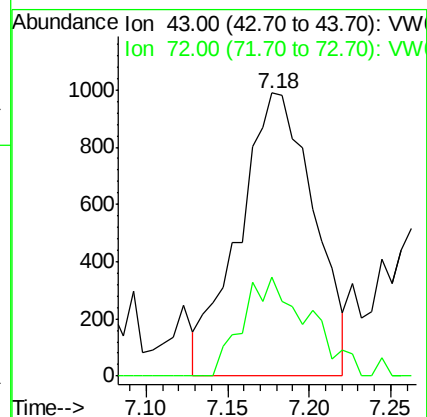
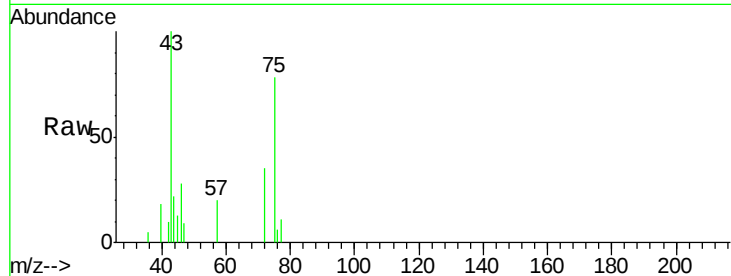
72 23.4 16.1 48.3

Manual Integrations

APPROVED

MMDadoda

11/19/2020 11:10:02 AM



#44

Toluene

Concen: 0.290 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017313.D

Acq: 18 Nov 2020 02:40

Tgt Ion: 91 Resp: 6120

Ion Ratio Lower Upper

91 100

92 59.6 41.4 76.8

