

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016714.D
 Acq On : 30 Sep 2020 16:04
 Operator : SY/VA
 Sample : L4144-12
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM7

Manual Integrations
 APPROVED

SAM
 10/12/2020 6:09:36 PM

Quant Time: Oct 01 06:17:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	563378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	449150	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	180335	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	107491	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
7) Chloroethane-d5	2.91	69	100266	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
10) 1,1-Dichloroethene-d2	4.03	63	191448	15.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.80%
20) 2-Butanone-d5	7.09	46	71726	48.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.48%
24) Chloroform-d	7.65	84	307064	26.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	8.31	65	161676	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.88%
29) Benzene-d6	8.28	84	565872	28.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.36%
33) 1,2-Dichloropropane-d6	9.28	67	161126	29.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.08%
37) Toluene-d8	10.33	98	517020	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.36%
38) trans-1,3-Dichloropropene-	10.58	79	67317	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.84%
39) 2-Hexanone-d5	10.93	63	57047	57.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125691	27.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	147117	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds					Ovalue
13) Acetone	4.13	43	3986	3.423 ug/L	75
16) Methylene chloride	4.93	84	14294m	1.645 ug/L	
47) Tetrachloroethene	10.87	164	242928	38.625 ug/L	91

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

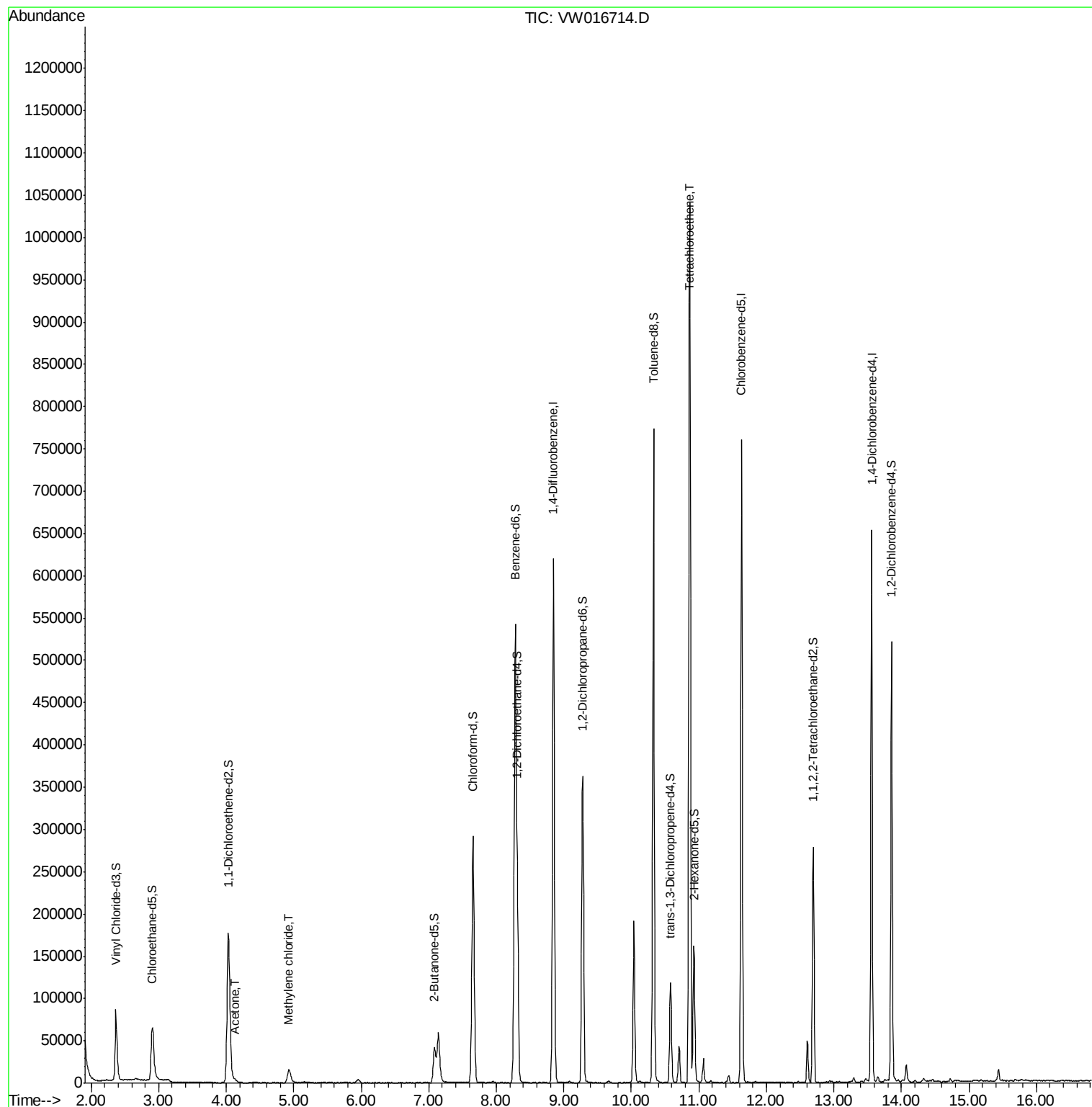
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW093020\
Data File : VW016714.D
Acq On : 30 Sep 2020 16:04
Operator : SY/VA
Sample : L4144-12
Misc : 5.24G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

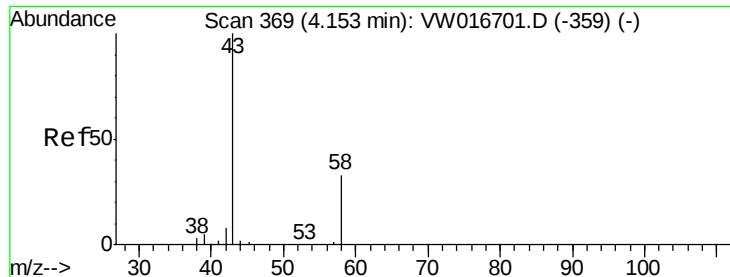
Instrument :
MSVOA_W
ClientSampleId :
C0AM7

Manual Integrations
APPROVED

SAM
10/12/2020 6:09:36 PM

Quant Time: Oct 01 06:17:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 01 05:05:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.423 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016714.D

Acq: 30 Sep 2020 16:04

Instrument :

MSVOA_W

ClientSampled :

C0AM7

Tot Ion: 43 Resp: 3986

Ion Ratio Lower Upper

43 100

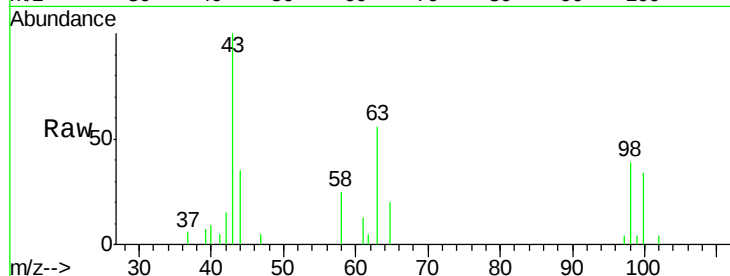
58 16.5 0.0 60.2

Manual Integrations

APPROVED

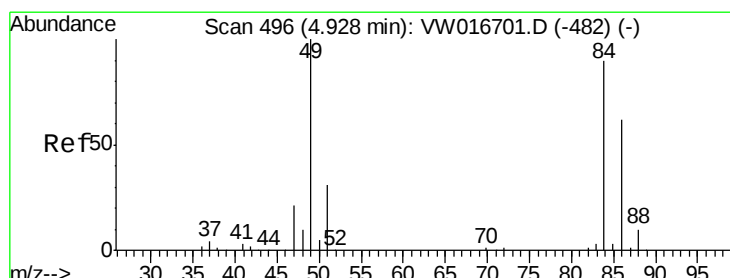
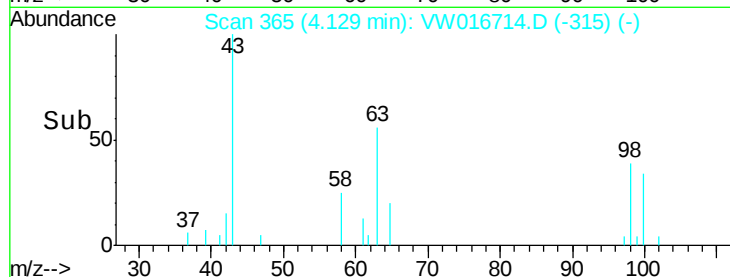
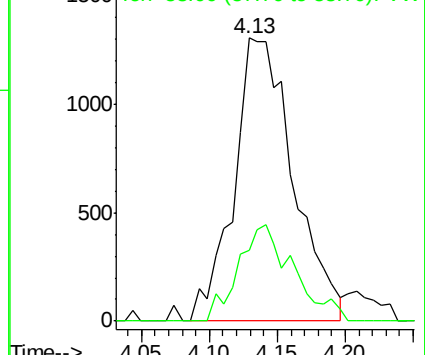
SAM

10/12/2020 6:09:36 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.645 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. -0.00 min

Lab File: VW016714.D

Acq: 30 Sep 2020 16:04

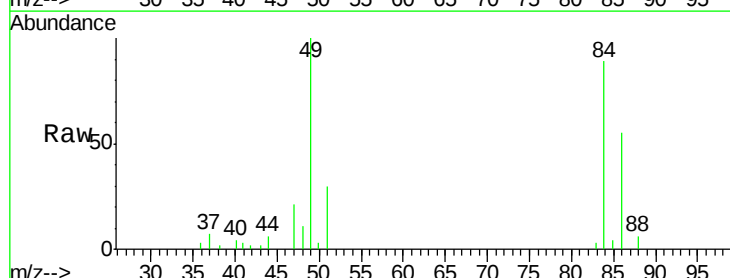
Tgt Ion: 84 Resp: 14294

Ion Ratio Lower Upper

84 100

49 112.5 76.0 141.2

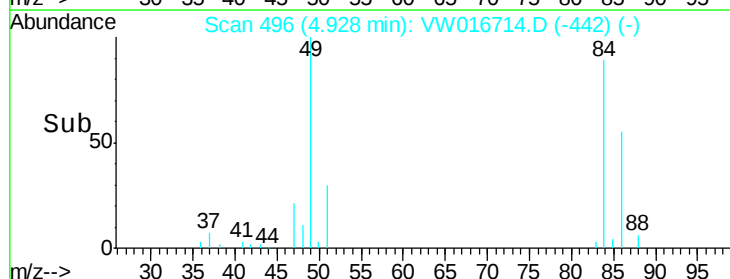
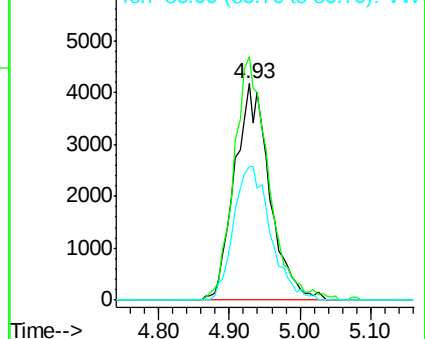
86 61.6 45.6 84.6

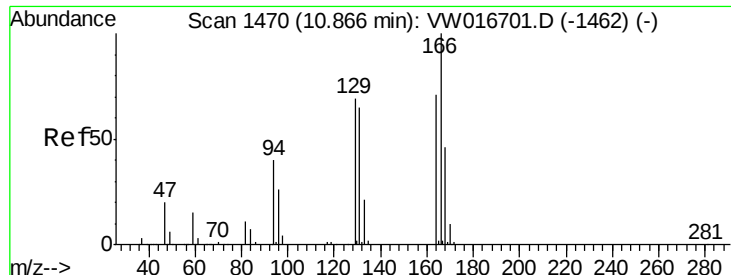


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#47
Tetrachloroethene
Concen: 38.625 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016714.D
Acq: 30 Sep 2020 16:04

Instrument :
MSVOA_W
ClientSampleId :
C0AM7

Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	92.0	55.6	103.2
131	90.9	57.2	106.2
166	129.1	86.5	160.6

Manual Integrations
APPROVED

SAM
10/12/2020 6:09:36 PM

