

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016239.D
 Acq On : 18 Aug 2020 14:14
 Operator : SY/VA
 Sample : L3709-08
 Misc : 6.69G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR1

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:24:29 PM

Quant Time: Aug 19 06:47:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	372116	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346857	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144780	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	76754	16.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.56%
7) Chloroethane-d5	2.90	69	61712	17.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.48%
10) 1,1-Dichloroethene-d2	4.01	63	132183m	13.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.96%
20) 2-Butanone-d5	7.09	46	40740	33.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.12%
24) Chloroform-d	7.65	84	196356	19.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.64%
26) 1,2-Dichloroethane-d4	8.31	65	96419	18.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.72%
29) Benzene-d6	8.27	84	376367	19.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.80%
33) 1,2-Dichloropropane-d6	9.28	67	112911	20.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.40%
37) Toluene-d8	10.33	98	336530	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.80%
38) trans-1,3-Dichloropropene-	10.58	79	43762	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.20%
39) 2-Hexanone-d5	10.93	63	33979	35.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88372	19.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	116783	22.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.04%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	16648	2.833 ug/L	94
47) Tetrachloroethene	10.86	164	32305	8.012 ug/L	91

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

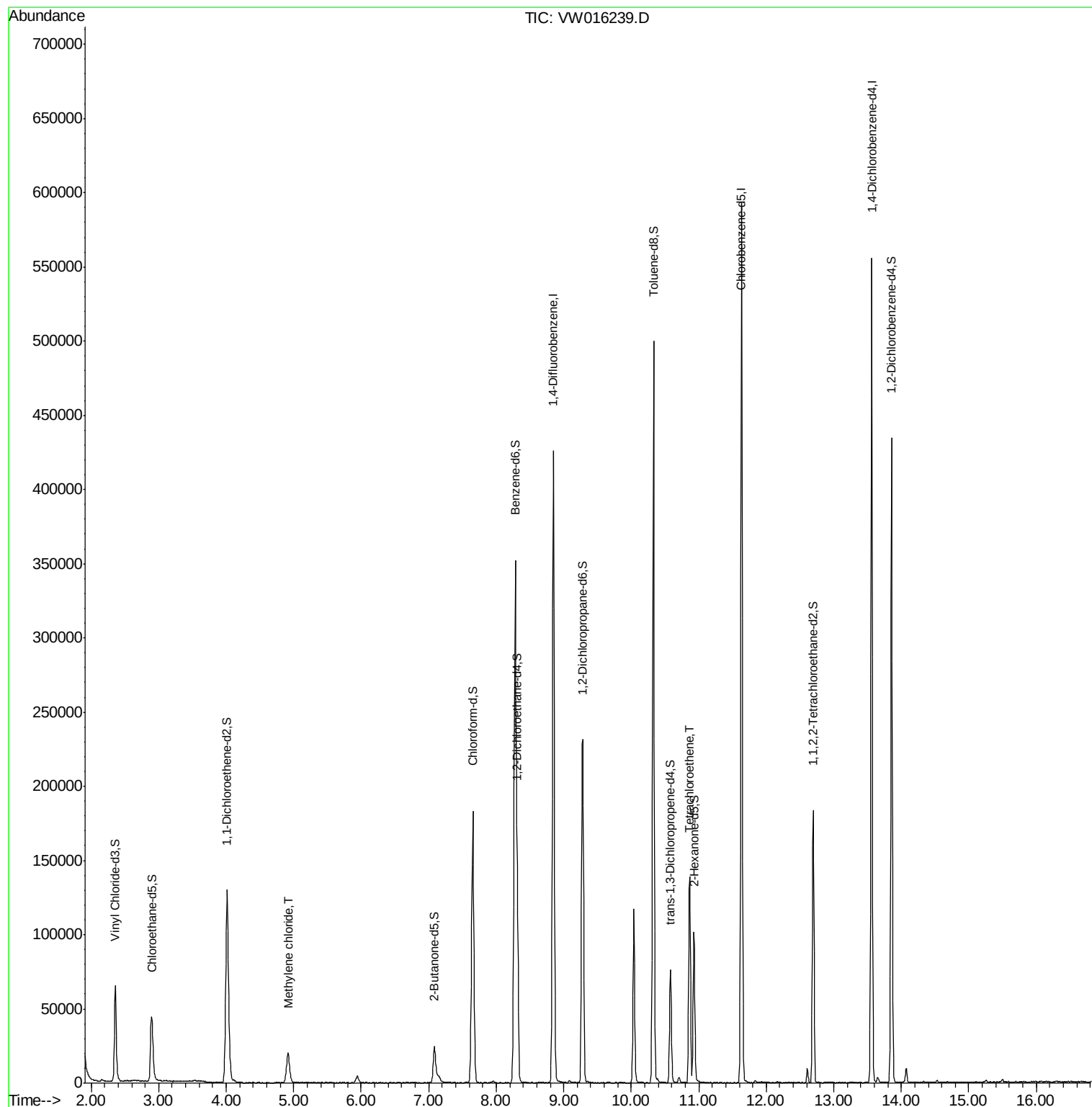
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081820\
Data File : VW016239.D
Acq On : 18 Aug 2020 14:14
Operator : SY/VA
Sample : L3709-08
Misc : 6.69G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

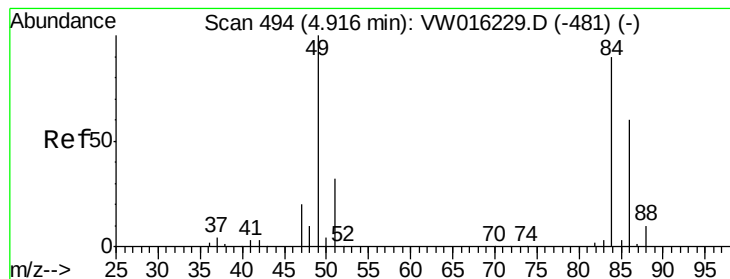
Instrument :
MSVOA_W
ClientSampleId :
BFSR1

Manual Integrations
APPROVED

MMDadoda
8/19/2020 5:24:29 PM

Quant Time: Aug 19 06:47:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 19 05:49:31 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.833 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016239.D

Acq: 18 Aug 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

BFSR1

Tot Ion: 84 Resp: 16648

Ion Ratio Lower Upper

84 100

49 110.4 80.4 149.4

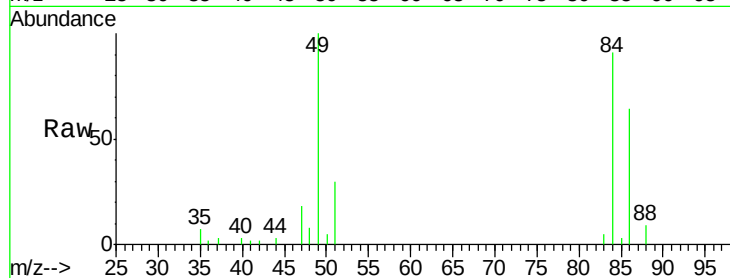
86 70.7 43.8 81.3

Manual Integrations

APPROVED

MMDadoda

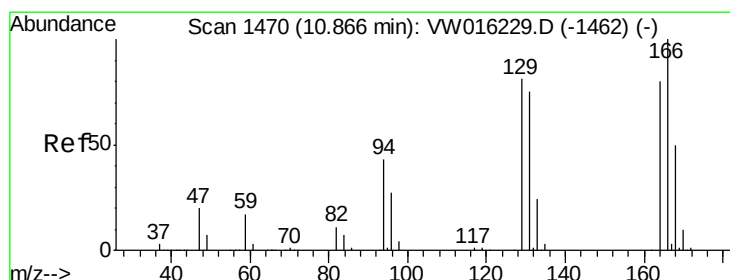
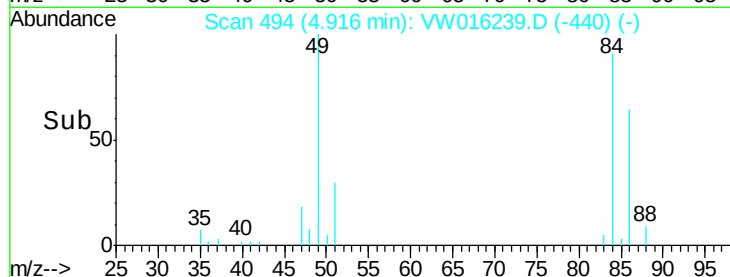
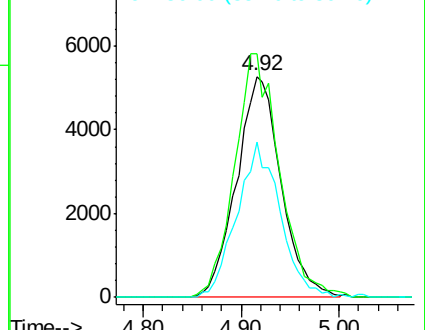
8/19/2020 5:24:29 PM



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: 8.012 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW016239.D

Acq: 18 Aug 2020 14:14

Tgt Ion: 164 Resp: 32305

Ion Ratio Lower Upper

164 100

129 91.2 71.5 132.9

131 87.7 65.4 121.4

166 114.1 86.9 161.5

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

