

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU082019\

Data File : VU033851.D

Acq On : 20 Aug 2019 14:07

Operator : JC/SP

Sample : K4373-15

Misc : 25.0mL/MSVOA U/WATER

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 21 07:26:18 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Aug 21 05:39:59 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

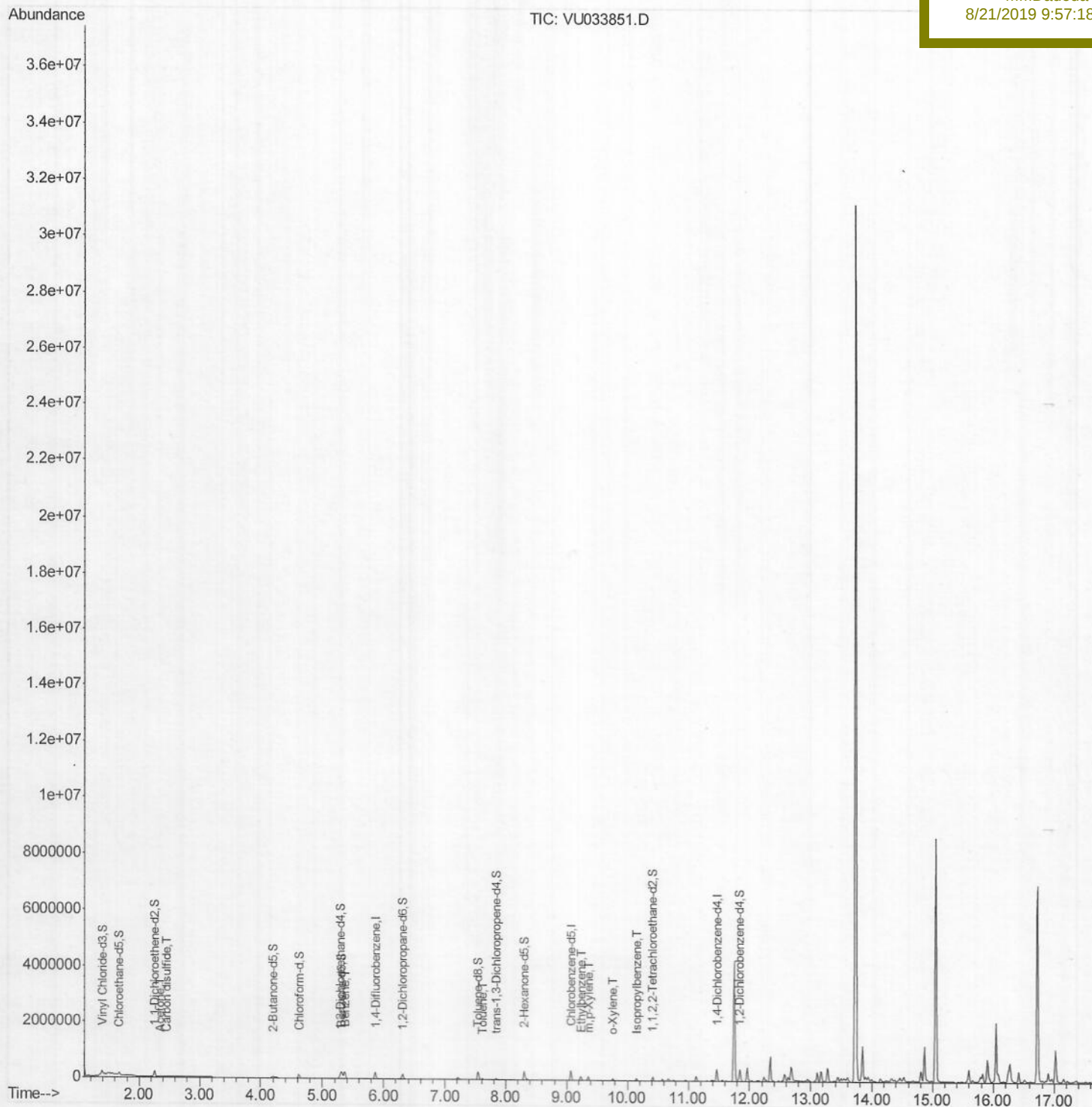
C0AD4

Manual Integrations

APPROVED

MMDadoda

8/21/2019 9:57:18 AM



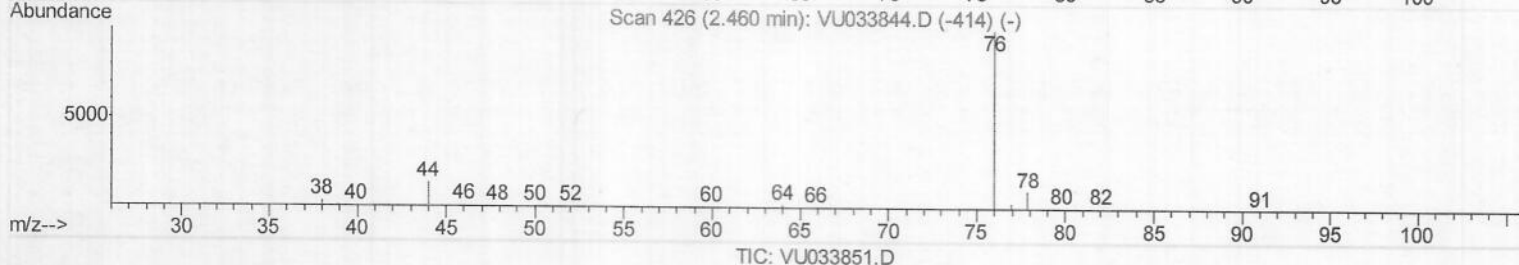
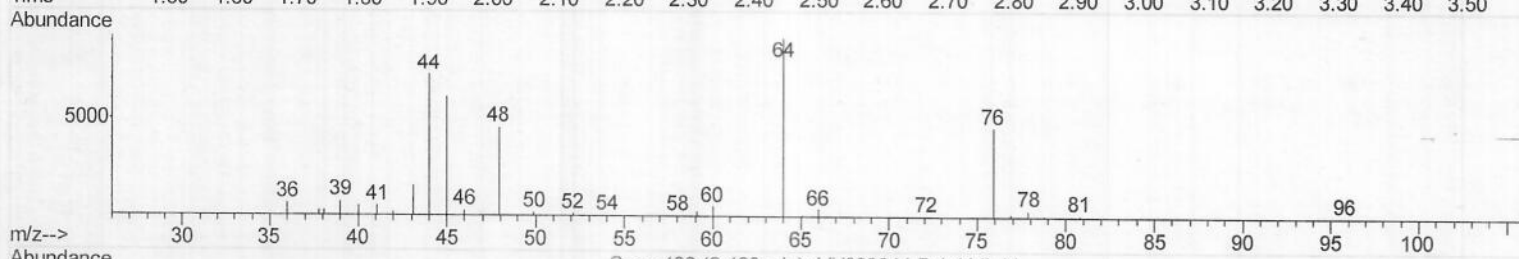
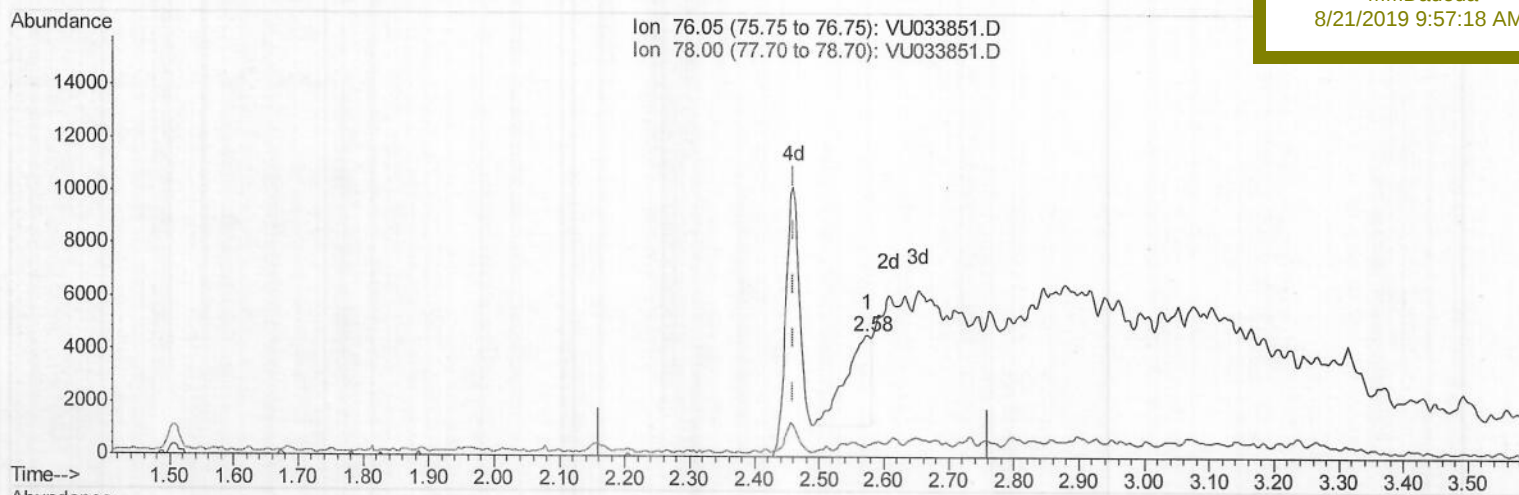
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(14) Carbon disulfide (T)

2.575min (+0.115) 0.22ug/L

response 9547

Ion	Exp%	Act%
76.05	100	100
78.00	9.60	9.72
0.00	0.00	0.00
0.00	0.00	0.00

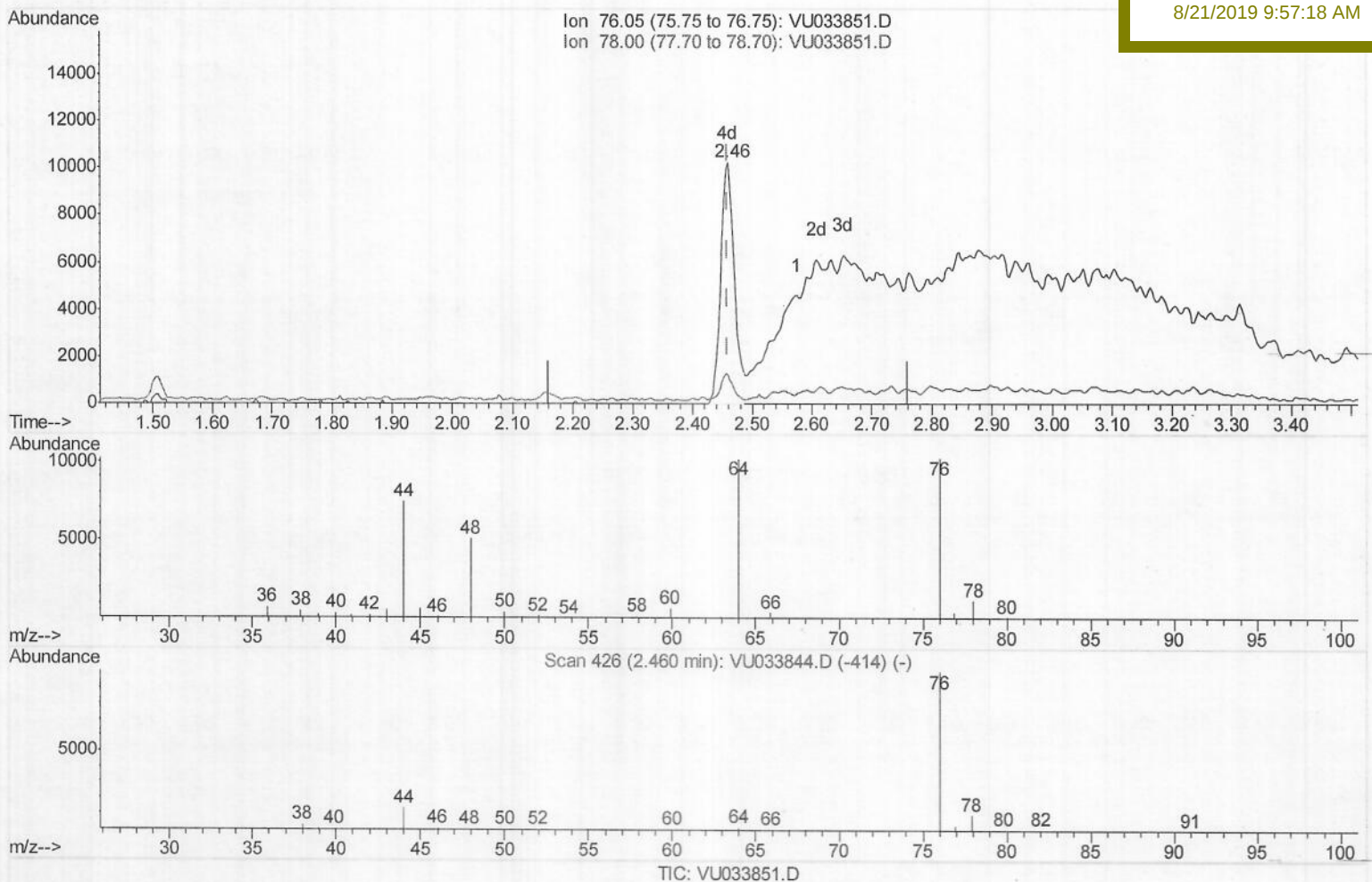
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Response via : Initial Calibration

Instrument :
MSVOA_U
Client Sampled :
C0AD4

Manual Integrations
APPROVED

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8/21/2019 9:57:18 AM



(14) Carbon disulfide (T)

2.460min (-0.000) 0.37ug/L m

) MD 08/28/19

response 16026

Ion	Exp%	Act%
76.05	100	100
78.00	9.60	11.81#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations

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8/21/2019 9:57:18 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	181124	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	191695	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	107884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77768	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.67	69	65442	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.26	63	119059	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.20	46	136845	44.72	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.44%
24) Chloroform-d	4.62	84	118712	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.29	65	62790	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.31	84	223108	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.31	67	73568	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.55	98	192158	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.83	79	25012	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.30	63	107856	50.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62835	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	98321	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Ovalue
13) Acetone	2.35	43	7296	3.119 ug/L	83
14) Carbon disulfide	2.46	76	16026m)	0.372 ug/L	
33) Benzene	5.36	78	233666	5.555 ug/L	100
42) Toluene	7.62	91	19495	0.452 ug/L	95
52) Ethylbenzene	9.23	91	84974	1.970 ug/L	96
53) m,p-Xylene	9.36	106	34881	2.155 ug/L	100
54) o-Xylene	9.76	106	12926	0.833 ug/L	92
56) Isopropylbenzene	10.15	105	46310	1.153 ug/L	98

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

JMD08/28/19