

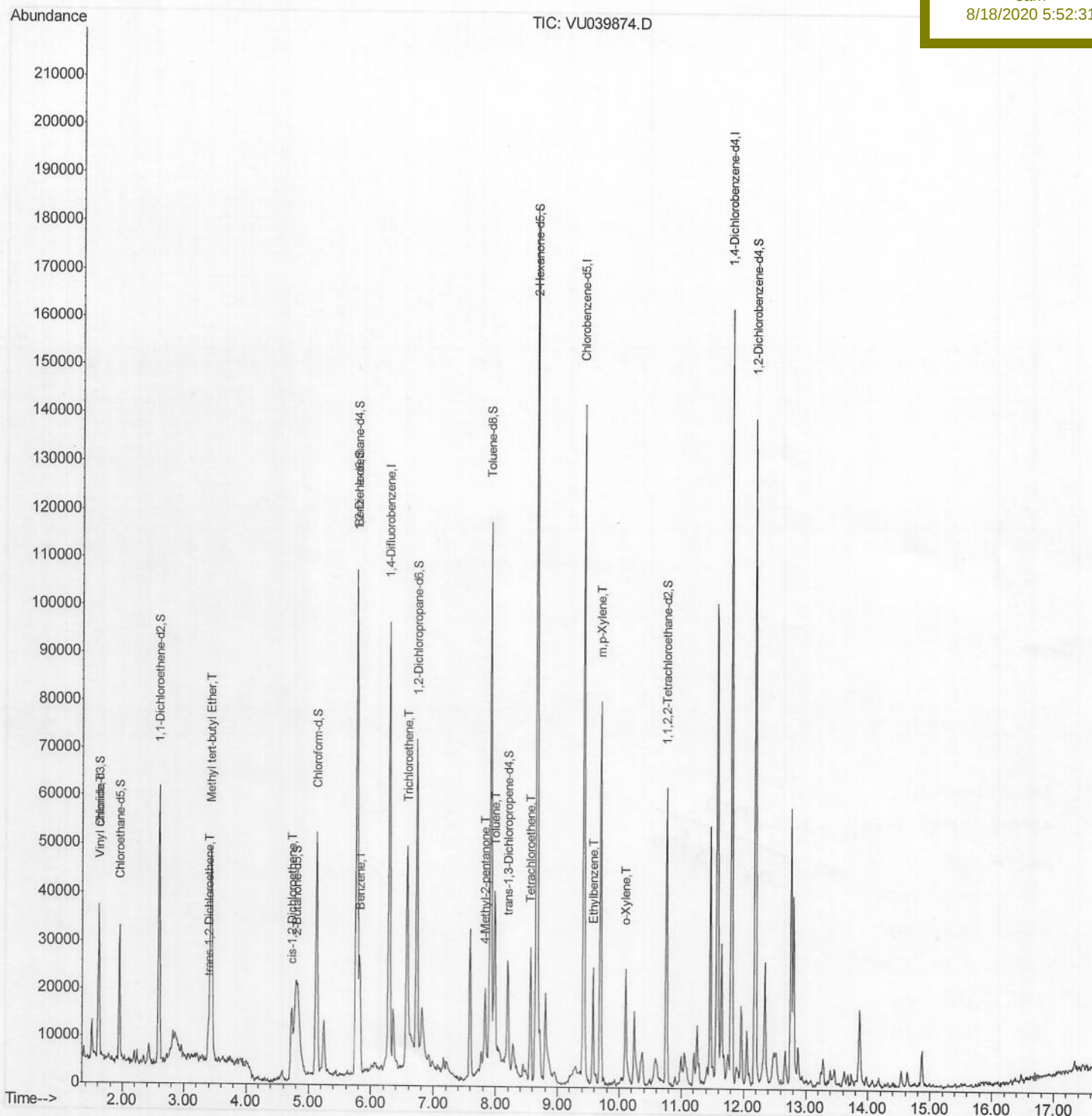
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081420\
Data File : VU039874.D
Acq On : 14 Aug 2020 21:44
Operator : SY/MD
Sample : L3517-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 17 07:51:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F4L72

Manual Integrations
APPROVED

sam
8/18/2020 5:52:31 PM



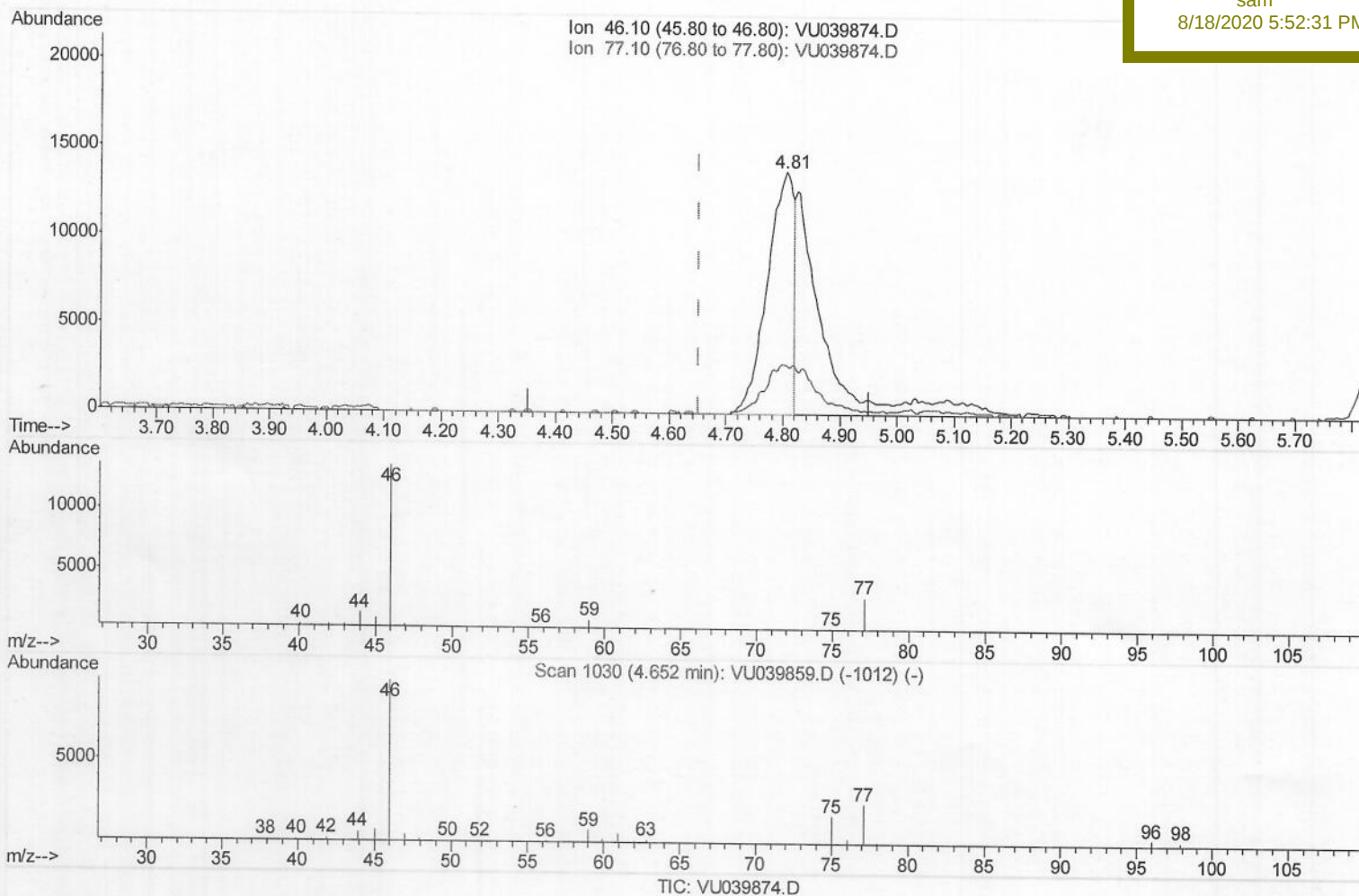
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081420\
Data File : VU039874.D
Acq On : 14 Aug 2020 21:44
Operator : SY/MD
Sample : L3517-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 17 07:41:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F4L72

Manual Integrations
APPROVED

sam
8/18/2020 5:52:31 PM



(20) 2-Butanone-d5 (S)

4.806min (+0.154) 27.06ug/L

response 43933

Ion	Exp%	Act%
46.10	100	100
77.10	23.90	1.49#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081420\

Data File : VU039874.D

Acq On : 14 Aug 2020 21:44

Operator : SY/MD

Sample : L3517-15

Misc : 25.0mL/MSVOA U/WATER

ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 17 07:41:07 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Mon Aug 17 05:23:17 2020

Response via : Initial Calibration

Instrument :

MSVOA_U

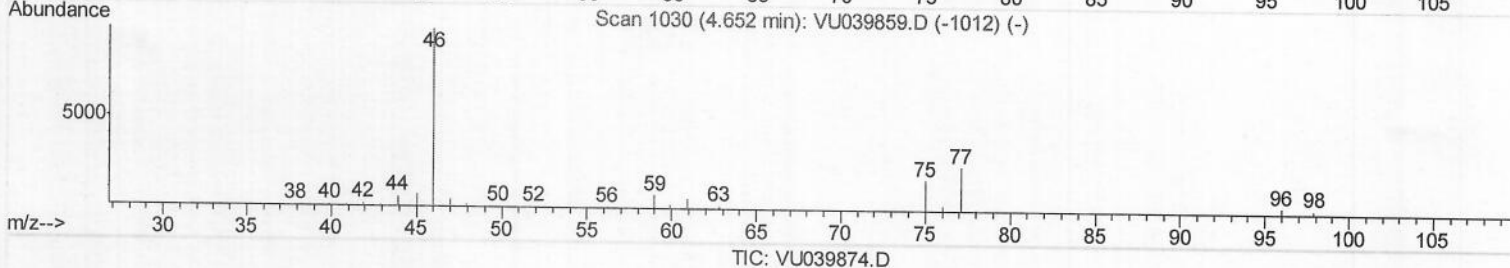
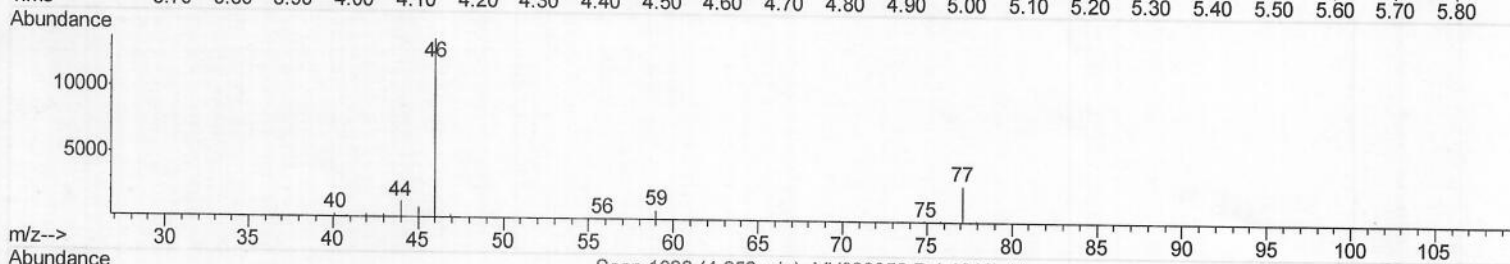
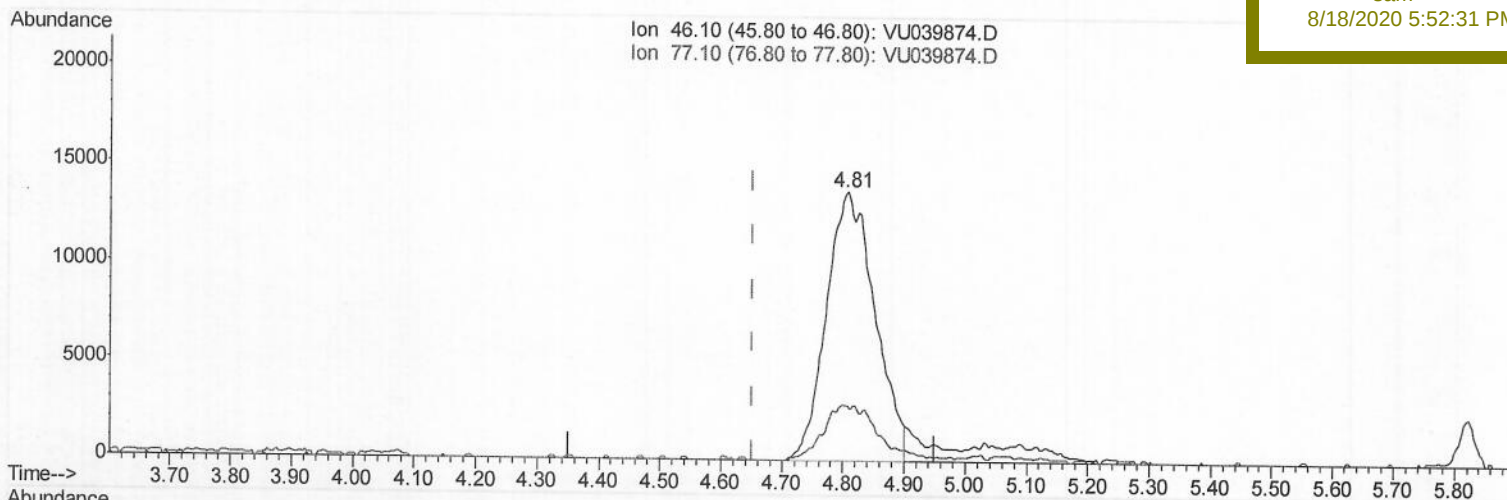
ClientSampleId :

F4L72

Manual Integrations
APPROVED

sam

8/18/2020 5:52:31 PM



(20) 2-Butanone-d5 (S)

4.806min (+0.154) 46.77ug/L m

response 75923

Ion Exp% Act%

46.10 100 100

77.10 23.90 0.86#

0.00 0.00 0.00

0.00 0.00 0.00

> 59
08/18/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081420\
 Data File : VU039874.D
 Acq On : 14 Aug 2020 21:44
 Operator : SY/MD
 Sample : L3517-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L72

Quant Time: Aug 17 07:51:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 05:23:17 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sam
 8/18/2020 5:52:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	68358	5.00	ug/L	0.03
28) Chlorobenzene-d5	9.43	117	69790	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36792	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	17577	4.76	ug/L	0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.20%	
7) Chloroethane-d5	1.95	69	18485	4.63	ug/L	0.03
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.60%	
11) 1,1-Dichloroethene-d2	2.60	63	35232	4.74	ug/L	0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.80%	
20) 2-Butanone-d5	4.81	46	75923m	46.77	ug/L	0.15
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.54%	
24) Chloroform-d	5.13	84	42505	4.61	ug/L	0.05
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.20%	
26) 1,2-Dichloroethane-d4	5.76	65	27002	4.92	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.40%	
32) Benzene-d6	5.77	84	74886	4.51	ug/L	0.03
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.20%	
36) 1,2-Dichloropropane-d6	6.73	67	28406	5.00	ug/L	0.03
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.00%	
41) Toluene-d8	7.92	98	64571	4.38	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.60%	
43) trans-1,3-Dichloropropene-	8.20	79	11032	5.06	ug/L	0.02
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.20%	
46) 2-Hexanone-d5	8.66	63	66359	56.25	ug/L	0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.50%	
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28050	5.07	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.40%	
64) 1,2-Dichlorobenzene-d4	12.19	152	32236	5.12	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.40%	

> 99
 08/18/20

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	2754	0.496 ug/L #	55
17) Methyl tert-butyl Ether	3.44	73	50354	4.651 ug/L #	95
18) trans-1,2-Dichloroethene	3.39	96	1755	0.387 ug/L	98
22) cis-1,2-Dichloroethene	4.73	96	6479	1.312 ug/L	94
33) Benzene	5.82	78	20946	1.102 ug/L	100
34) Trichloroethene	6.58	95	12310	2.493 ug/L	90
40) 4-Methyl-2-pentanone	7.83	43	11426	3.027 ug/L	97
42) Toluene	7.99	91	23240	1.163 ug/L	99
47) Tetrachloroethene	8.56	164	4994	1.226 ug/L	87
52) Ethylbenzene	9.58	91	15387	0.688 ug/L	99
53) m,p-Xylene	9.70	106	20719	2.433 ug/L	96
54) o-Xylene	10.10	106	6040	0.724 ug/L	98

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