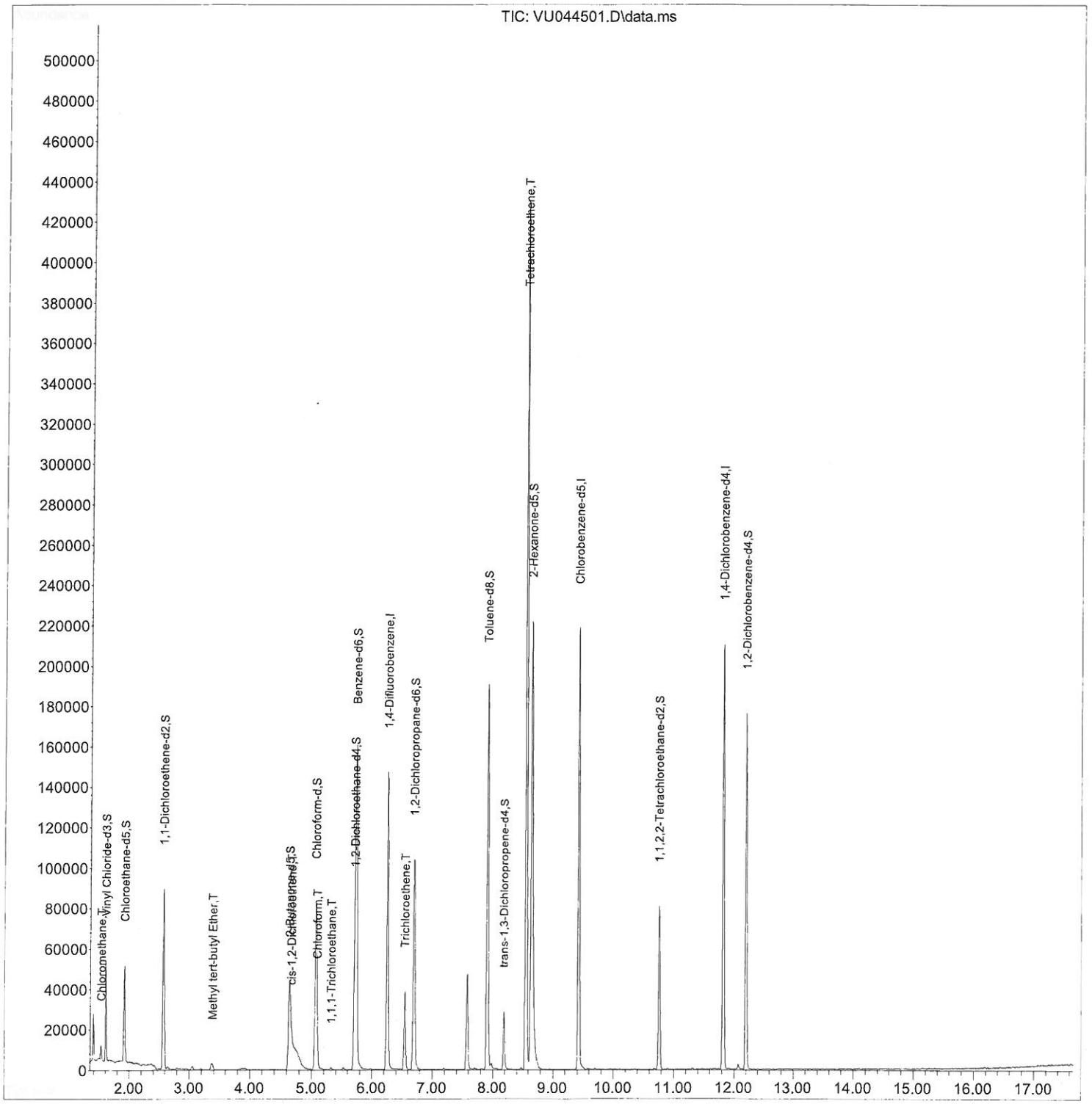
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
Data File : VU044501.D
Acq On : 23 Aug 2021 14:40
Operator : SY/MD
Sample : M3515-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 24 03:59:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 24 03:56:17 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H4560

Manual Integrations APPROVED
SAM
8/24/2021 11:21:40 AM



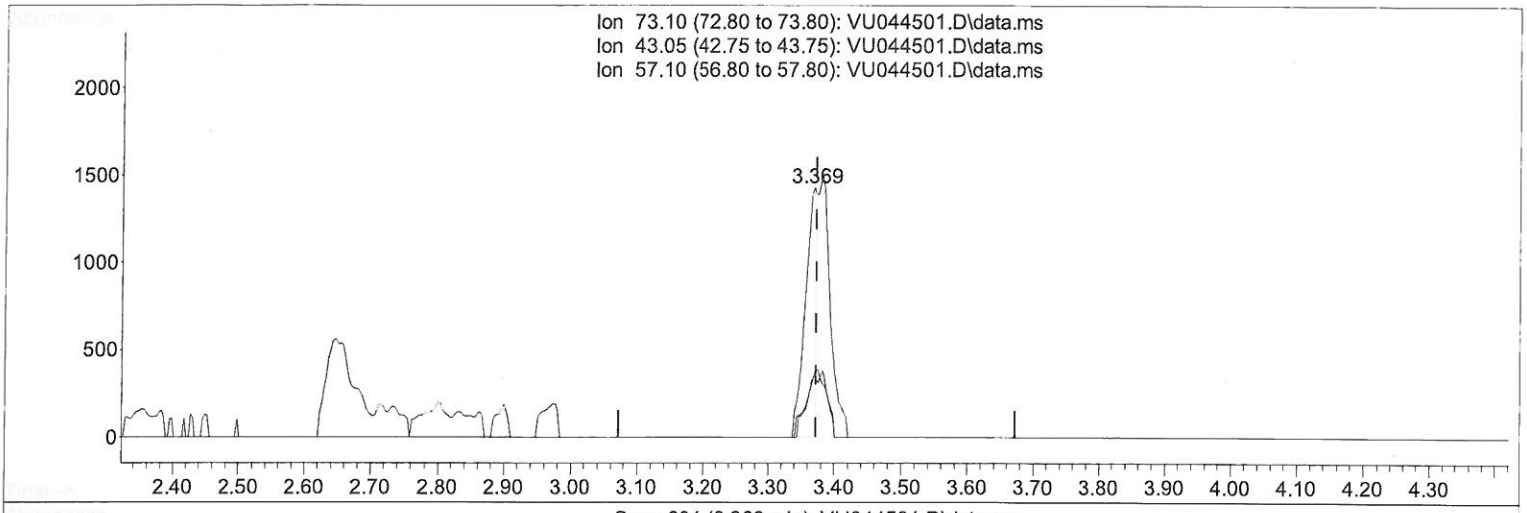
Quantitation Report (Qedit)

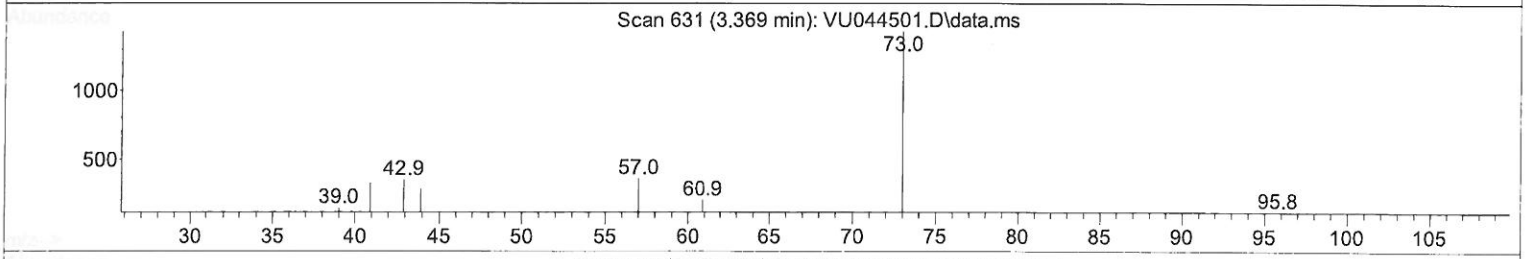
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
Data File : VU044501.D
Acq On : 23 Aug 2021 14:40
Operator : SY/MD
Sample : M3515-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

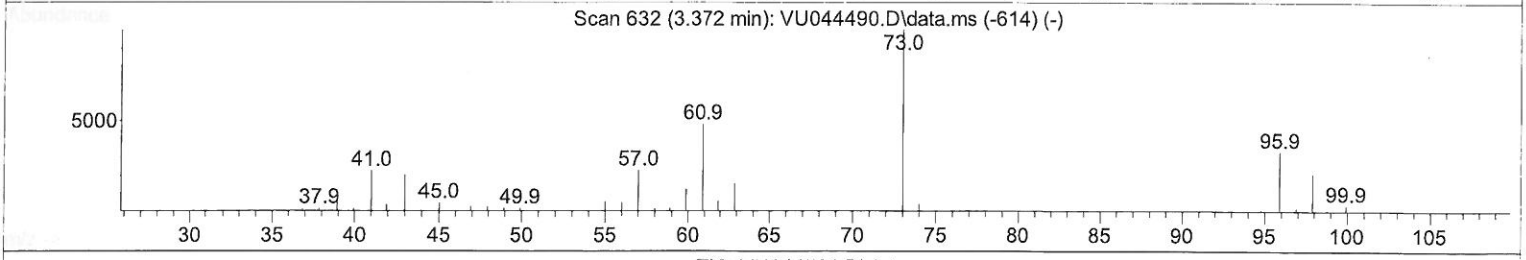
Quant Time: Aug 24 03:59:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 24 03:56:17 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H4560

Manual Integrations APPROVED
SAM
8/24/2021 11:21:40 AM







TIC: VU044501.D\data.ms

(17) Methyl tert-butyl Ether (T)

3.369min (-0.003) 0.07 ug/L

response 1730

Ion	Exp%	Act%
73.10	100.00	100.00
43.05	20.30	27.51#
57.10	22.30	45.78#
0.00	0.00	0.00

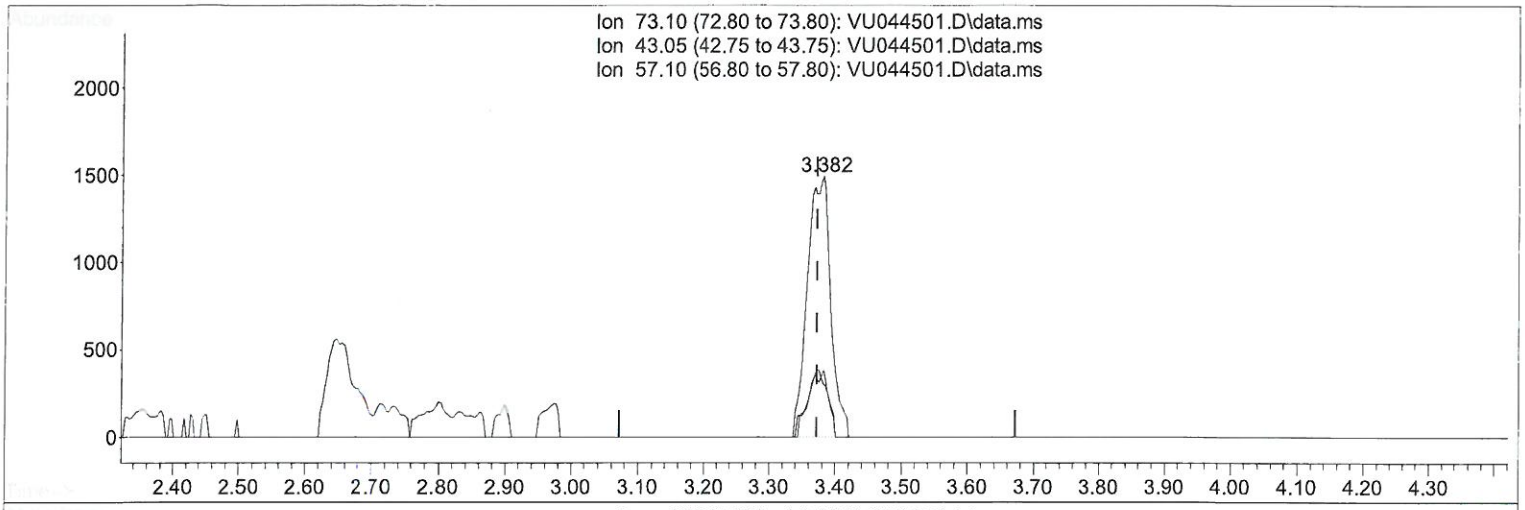
Quantitation Report (Qedit)

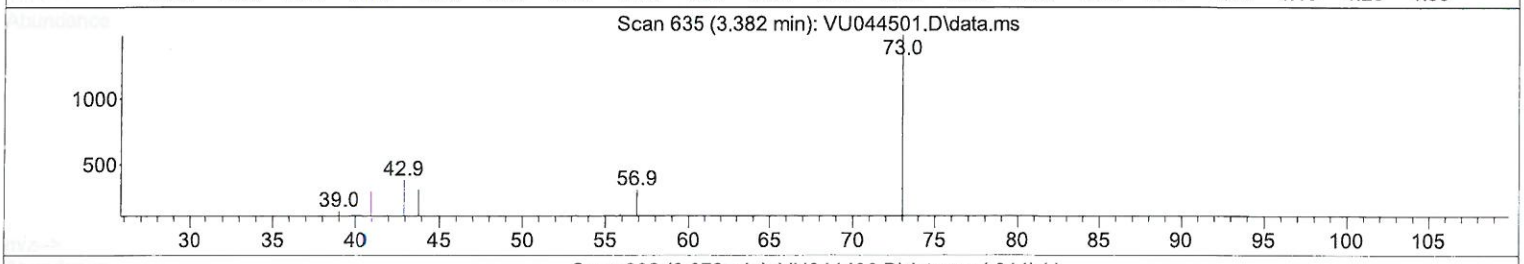
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
Data File : VU044501.D
Acq On : 23 Aug 2021 14:40
Operator : SY/MD
Sample : M3515-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

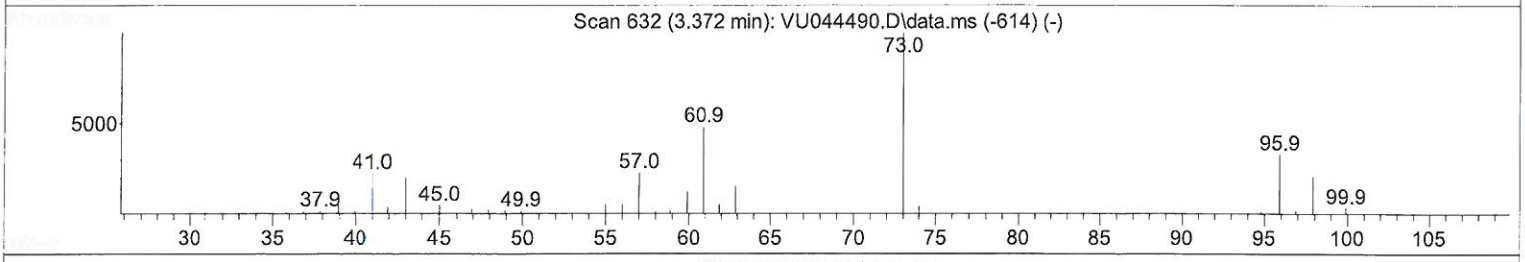
Quant Time: Aug 24 03:59:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 24 03:56:17 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H4560

Manual Integrations APPROVED
SAM
8/24/2021 11:21:40 AM







TIC: VU044501.D\data.ms

(17) Methyl tert-butyl Ether (T)

3.382min (+ 0.010) 0.16 ug/L m 7 ME 9/7/21

response 3675

Ion	Exp%	Act%
73.10	100.00	100.00
43.05	20.30	12.95#
57.10	22.30	21.55
0.00	0.00	0.00

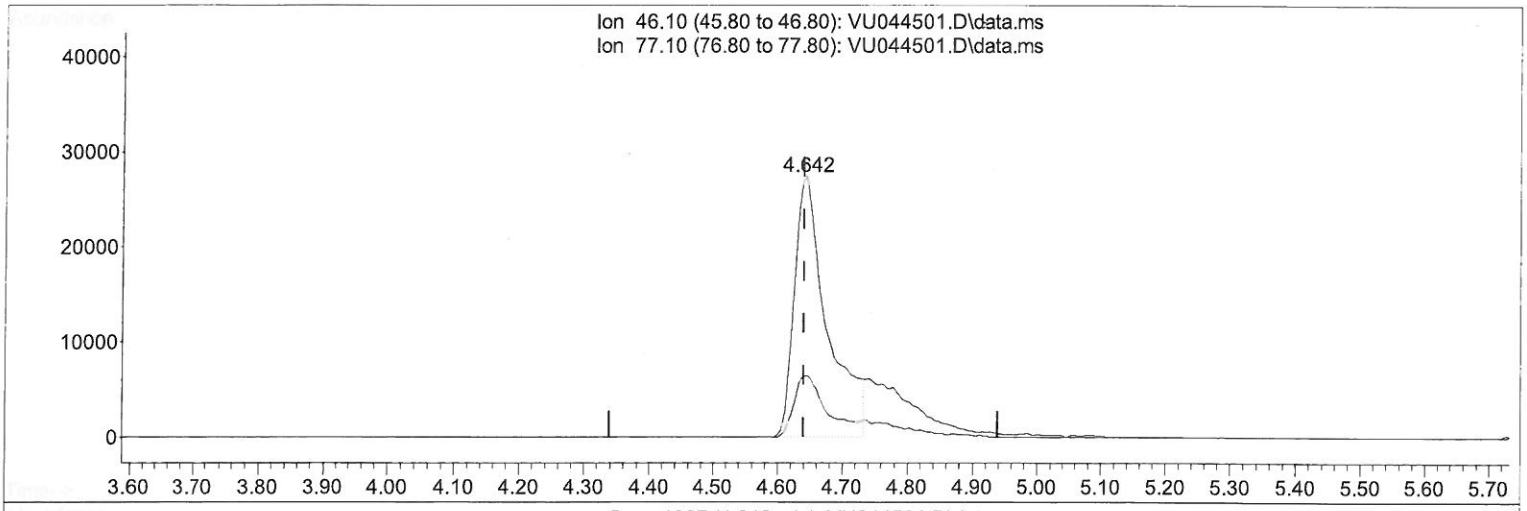
Quantitation Report (Qedit)

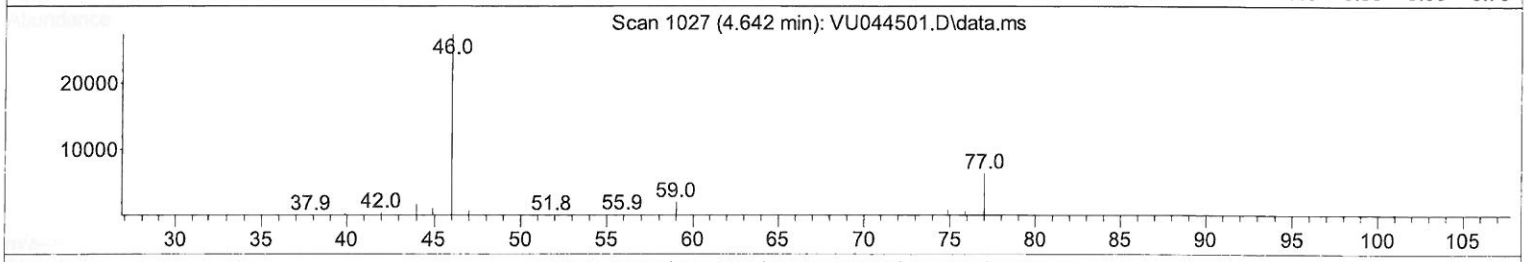
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
Data File : VU044501.D
Acq On : 23 Aug 2021 14:40
Operator : SY/MD
Sample : M3515-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

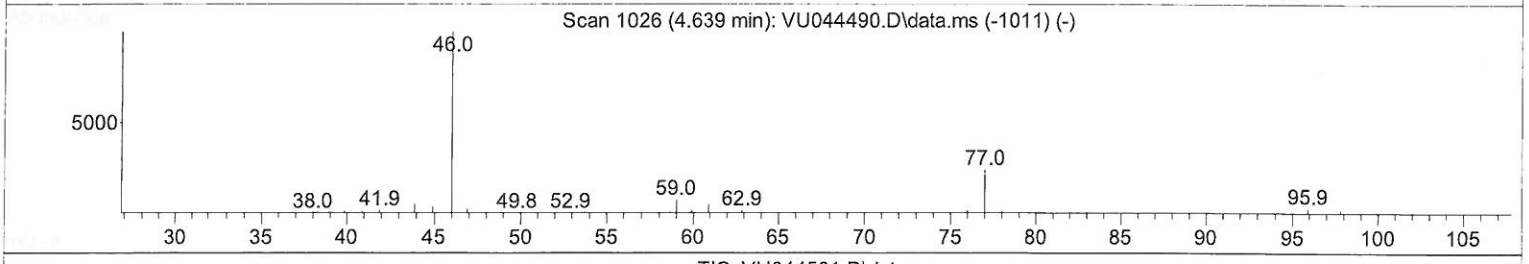
Quant Time: Aug 24 03:59:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 24 03:56:17 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H4560

Manual Integrations APPROVED
SAM
8/24/2021 11:21:40 AM







TIC: VU044501.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.003) 37.16 ug/L

response 97210

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.00	23.26
0.00	0.00	0.00
0.00	0.00	0.00

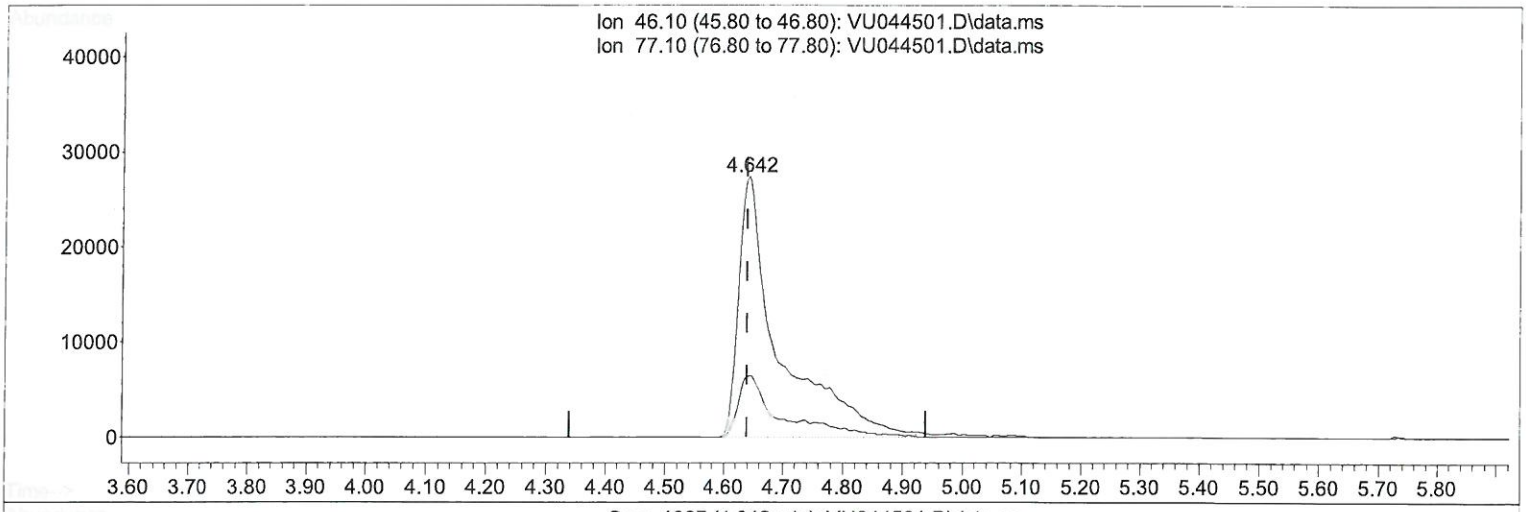
Quantitation Report (Qedit)

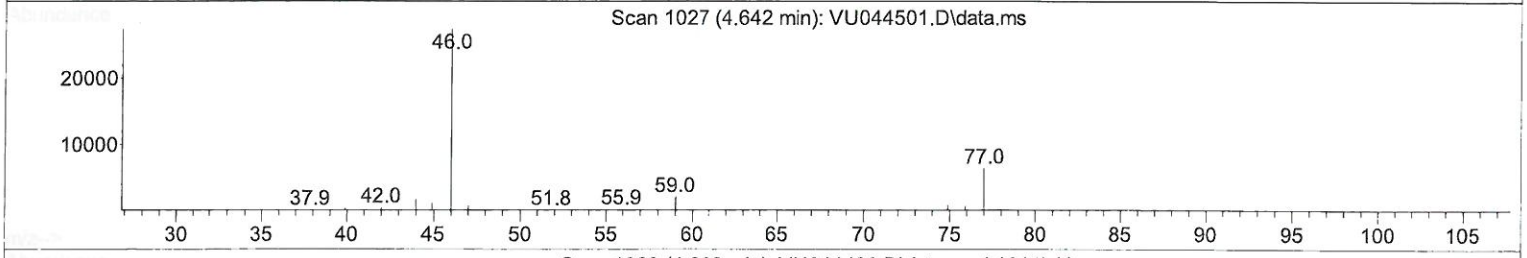
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
Data File : VU044501.D
Acq On : 23 Aug 2021 14:40
Operator : SY/MD
Sample : M3515-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

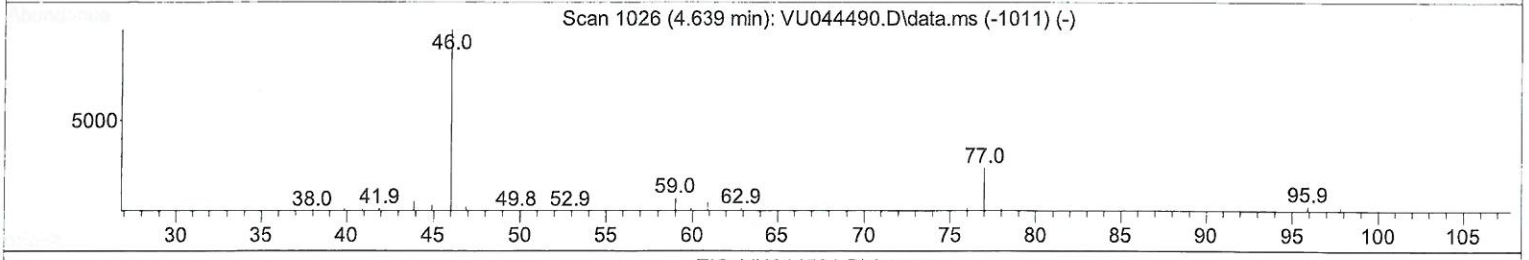
Quant Time: Aug 24 03:59:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 24 03:56:17 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H4560

Manual Integrations APPROVED
SAM
8/24/2021 11:21:40 AM







TIC: VU044501.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (+ 0.003) 49.46 ug/L m

response 129386

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.00	17.47#
0.00	0.00	0.00
0.00	0.00	0.00

MD 9/17/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
Data File : VU044501.D
Acq On : 23 Aug 2021 14:40
Operator : SY/MD
Sample : M3515-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4560

Manual Integrations APPROVED
SAM
8/24/2021 11:21:40 AM

Quant Time: Aug 24 03:59:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 24 03:56:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	116957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	117932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	52943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35468	3.750	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.000%			
7) Chloroethane-d5	1.919	69	34663	4.216	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.400%			
11) 1,1-Dichloroethene-d2	2.571	65	17055	4.239	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.800%			
20) 2-Butanone-d5	4.642	46	129386m	49.459	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.920%			
24) Chloroform-d	5.073	84	74682	4.465	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
26) 1,2-Dichloroethane-d4	5.710	65	41936	4.598	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.735	84	151777	4.570	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
36) 1,2-Dichloropropane-d6	6.697	67	50196	4.725	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.400%			
41) Toluene-d8	7.902	98	126624	4.300	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%			
43) trans-1,3-Dichloroprop...	8.185	79	16540	4.335	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.800%			
46) 2-Hexanone-d5	8.645	63	104264	50.534	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.060%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42156	4.711	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.200%			
66) 1,2-Dichlorobenzene-d4	12.198	152	44057	4.925	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	5171	0.328	ug/L	100
17) Methyl tert-butyl Ether	3.382	73	3675m	0.158	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	1289	0.129	ug/L	84
25) Chloroform	5.092	83	3432	0.184	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	848	0.057	ug/L #	71
34) Trichloroethene	6.549	95	13107	1.325	ug/L	97
47) Tetrachloroethene	8.558	164	89816	13.131	ug/L	99

MD 9/7/21

MD 9/7/21

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