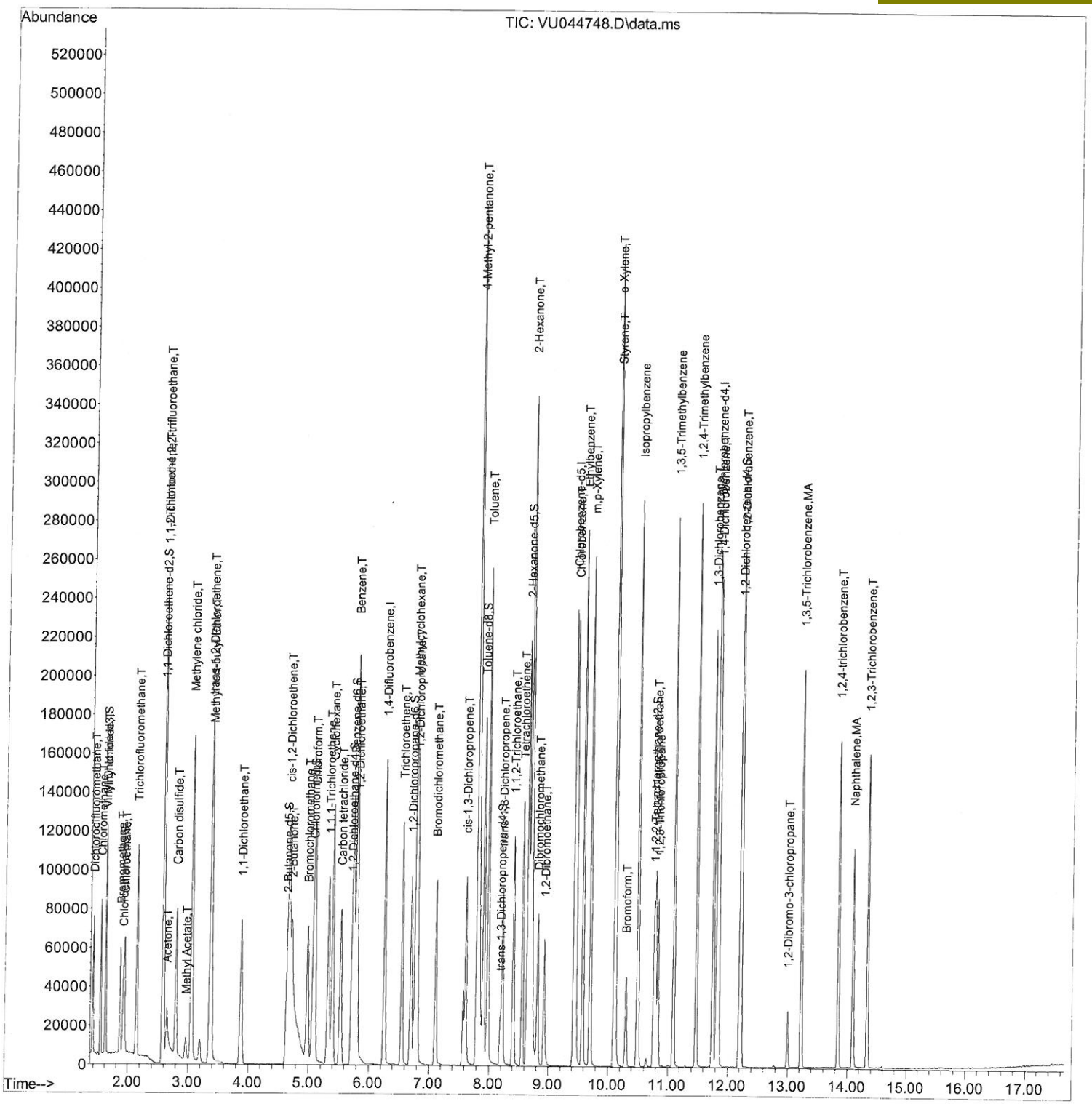
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
Data File : VU044748.D
Acq On : 22 Sep 2021 09:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 02:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 22 01:40:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC005

Manual Integrations APPROVED
MMDadoda
9/24/2021 1:35:16 PM



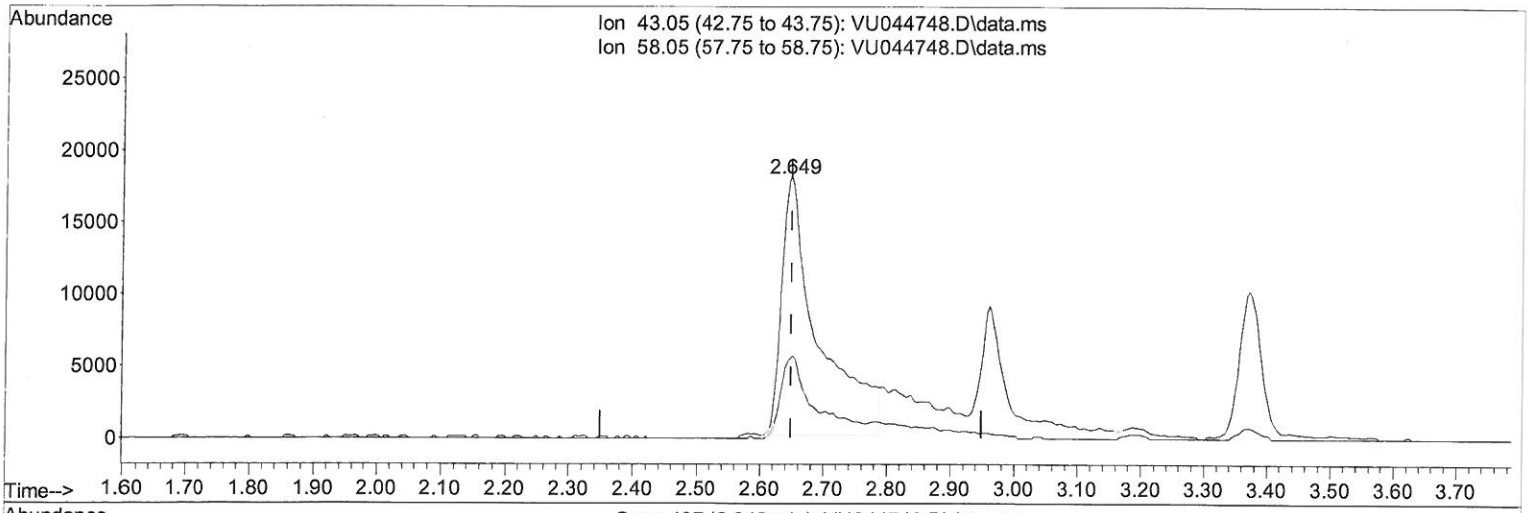
Quantitation Report (Qedit)

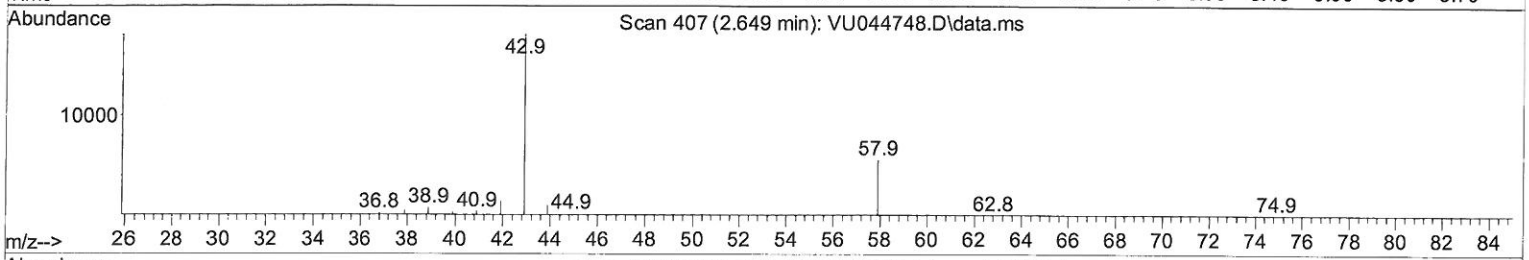
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
Data File : VU044748.D
Acq On : 22 Sep 2021 09:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

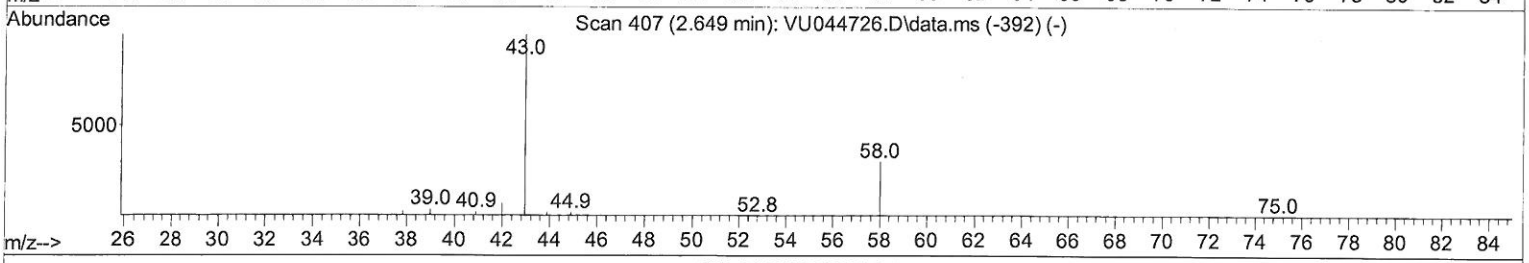
Quant Time: Sep 23 02:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 22 01:40:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC005

Manual Integrations APPROVED
MMDadoda
9/24/2021 1:35:16 PM







TIC: VU044748.D\data.ms

(13) Acetone (T)

2.649min (-0.000) 37.88 ug/L

response 72726

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	21.80
0.00	0.00	0.00
0.00	0.00	0.00

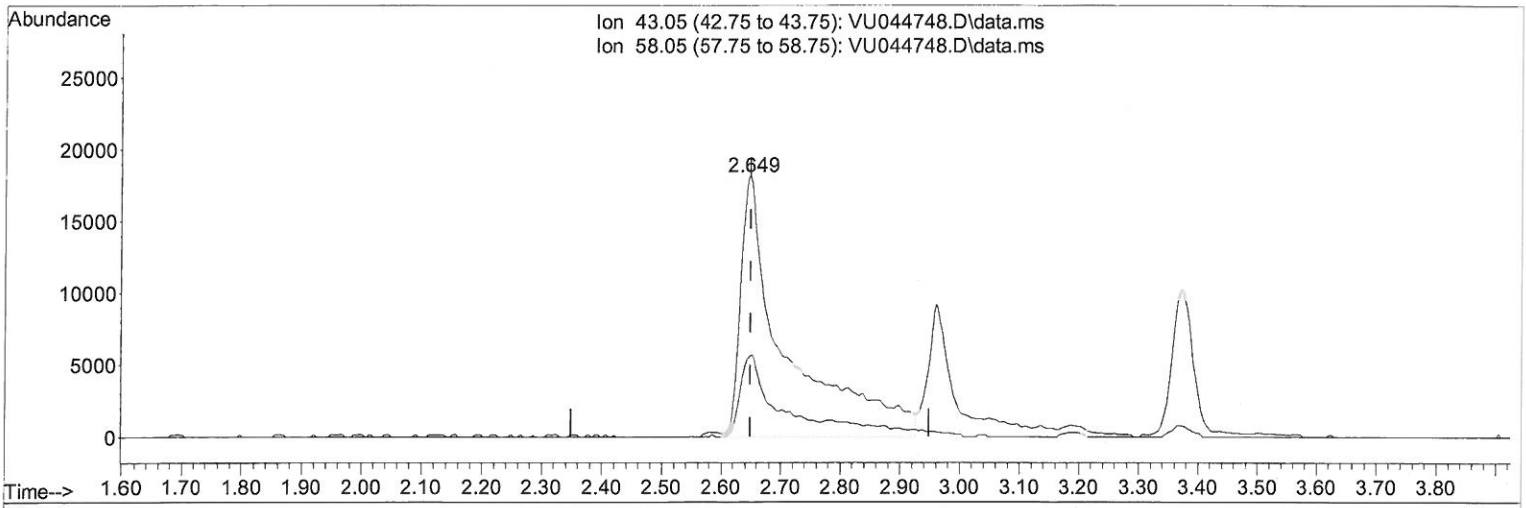
Quantitation Report (Qedit)

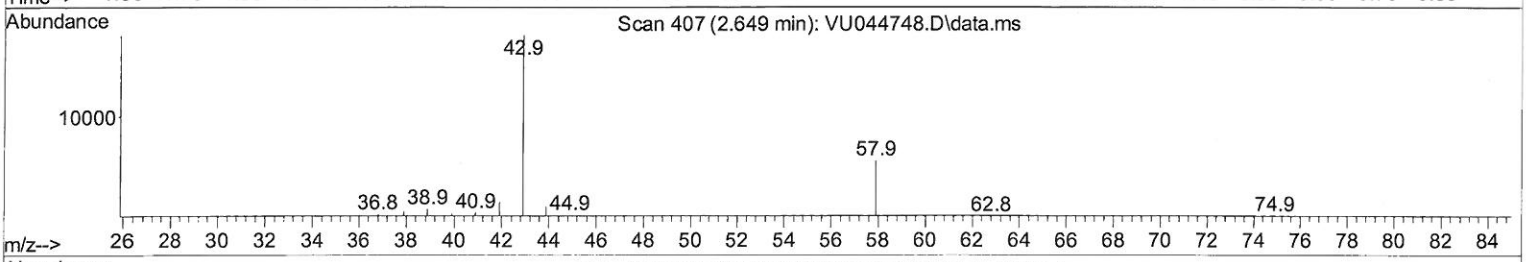
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
Data File : VU044748.D
Acq On : 22 Sep 2021 09:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

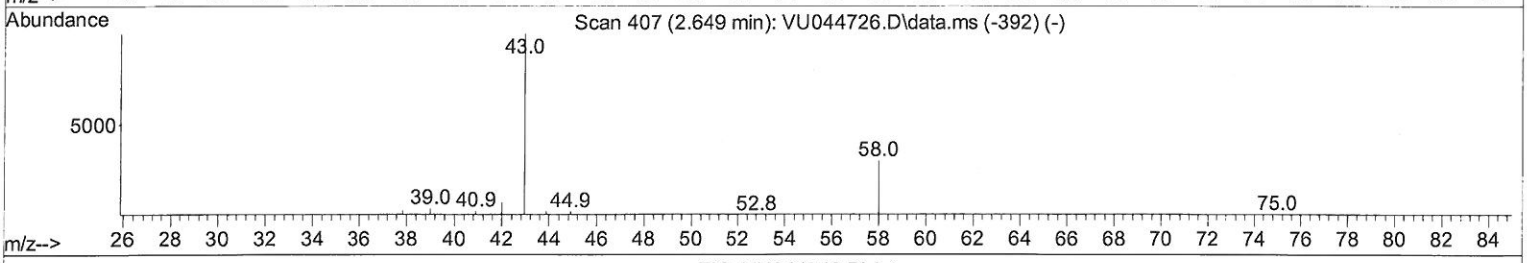
Quant Time: Sep 23 02:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 22 01:40:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC005

Manual Integrations APPROVED
MMDadoda
9/24/2021 1:35:16 PM







TIC: VU044748.D\data.ms

(13) Acetone (T)

2.649min (-0.000) 49.91 ug/L m

response 95817

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	16.55
0.00	0.00	0.00
0.00	0.00	0.00

SMD 9/25/21

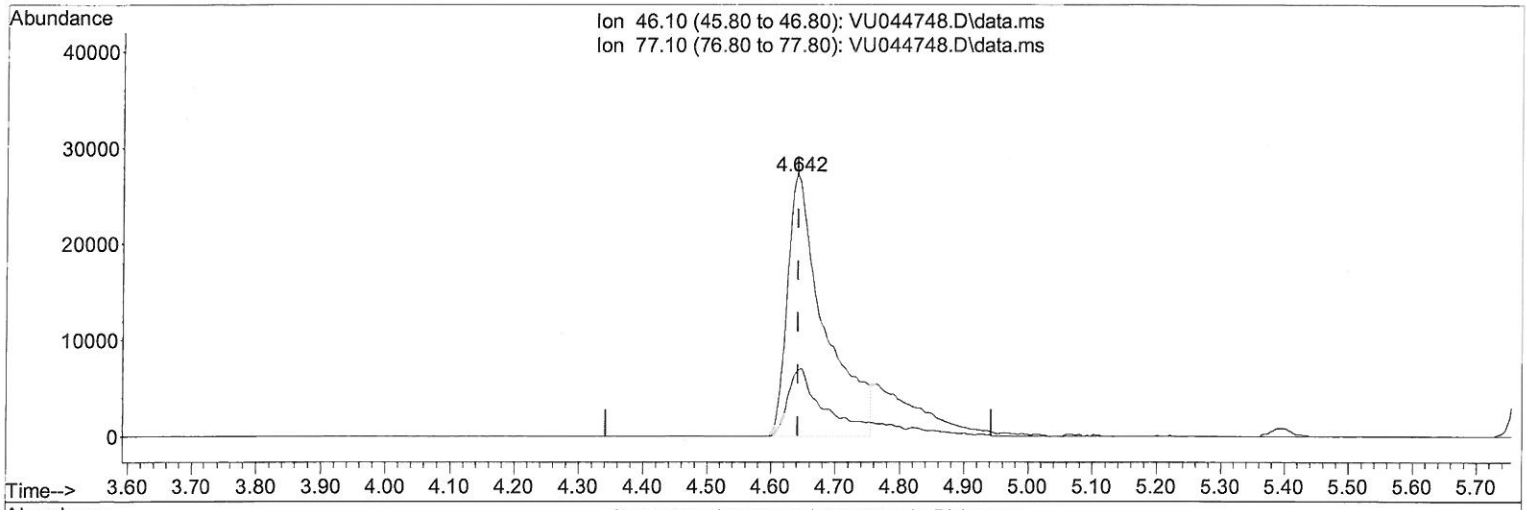
Quantitation Report (Qedit)

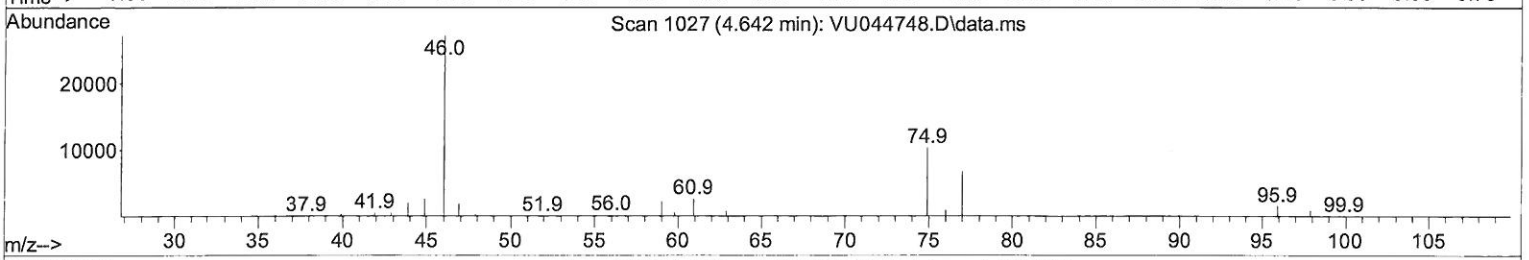
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
Data File : VU044748.D
Acq On : 22 Sep 2021 09:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

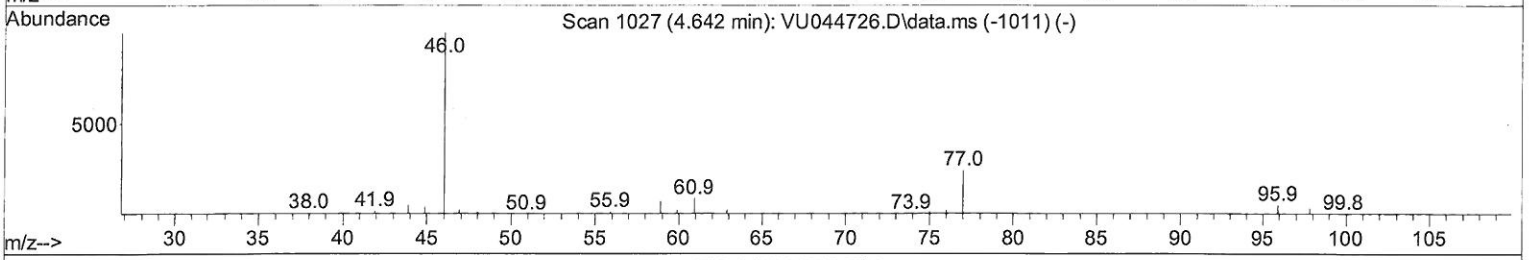
Quant Time: Sep 23 02:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 22 01:40:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC005

Manual Integrations APPROVED
MMDadoda
9/24/2021 1:35:16 PM







TIC: VU044748.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (-0.000) 36.75 ug/L

response 108319

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	21.32
0.00	0.00	0.00
0.00	0.00	0.00

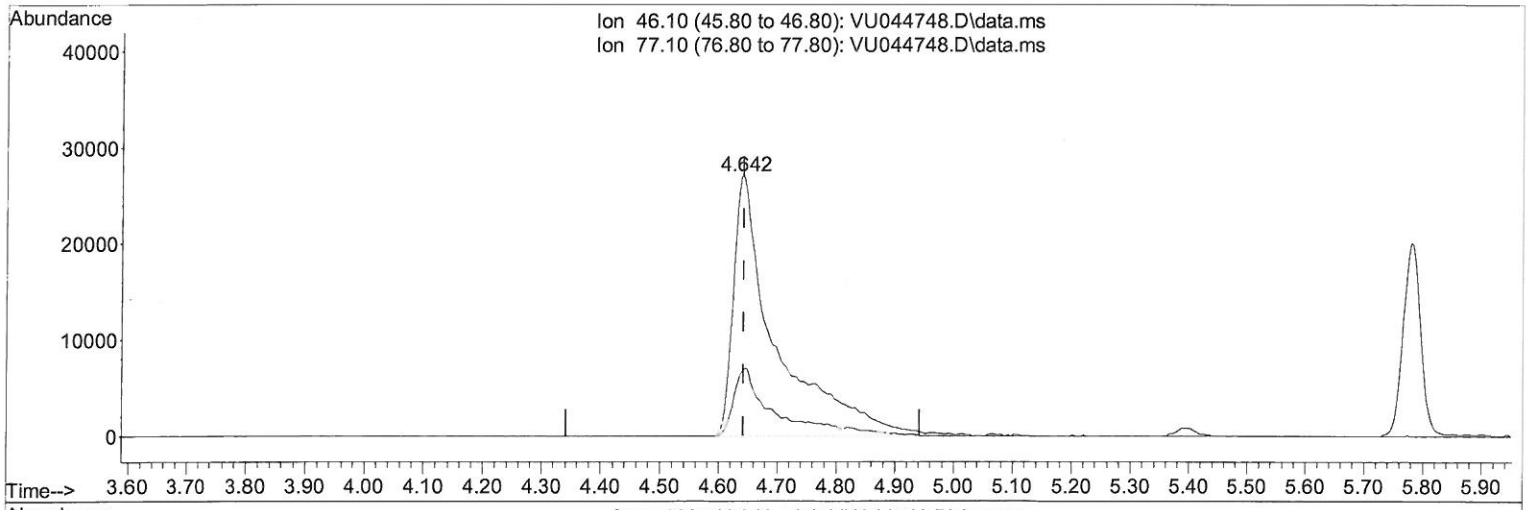
Quantitation Report (Qedit)

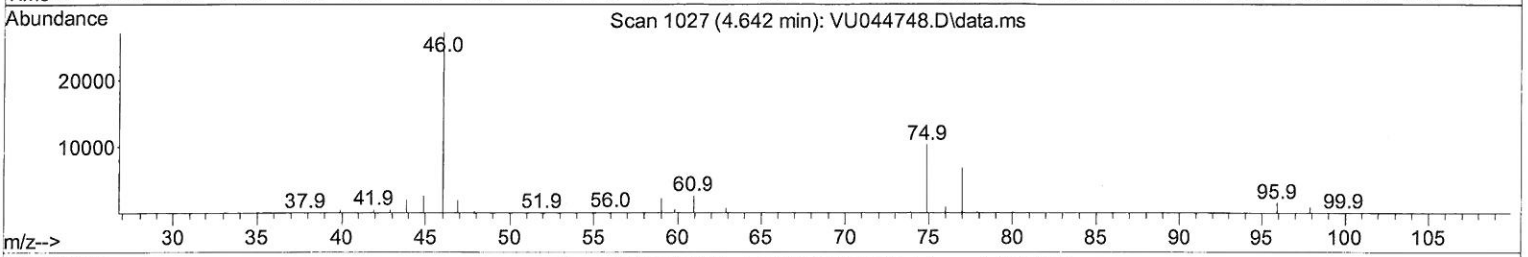
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
Data File : VU044748.D
Acq On : 22 Sep 2021 09:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

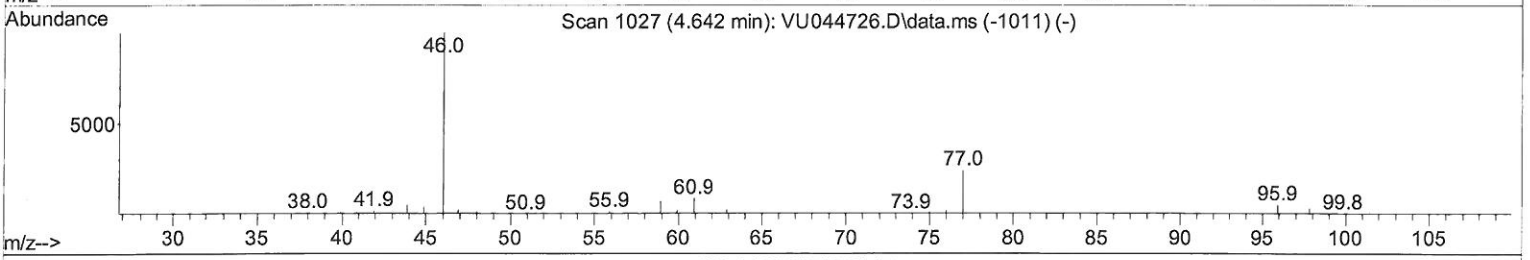
Quant Time: Sep 23 02:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 22 01:40:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC005

Manual Integrations APPROVED
MMDadoda
9/24/2021 1:35:16 PM







TIC: VU044748.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (-0.000) 46.02 ug/L m

response 135652

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	17.03
0.00	0.00	0.00
0.00	0.00	0.00

SY/MD 9/28/21

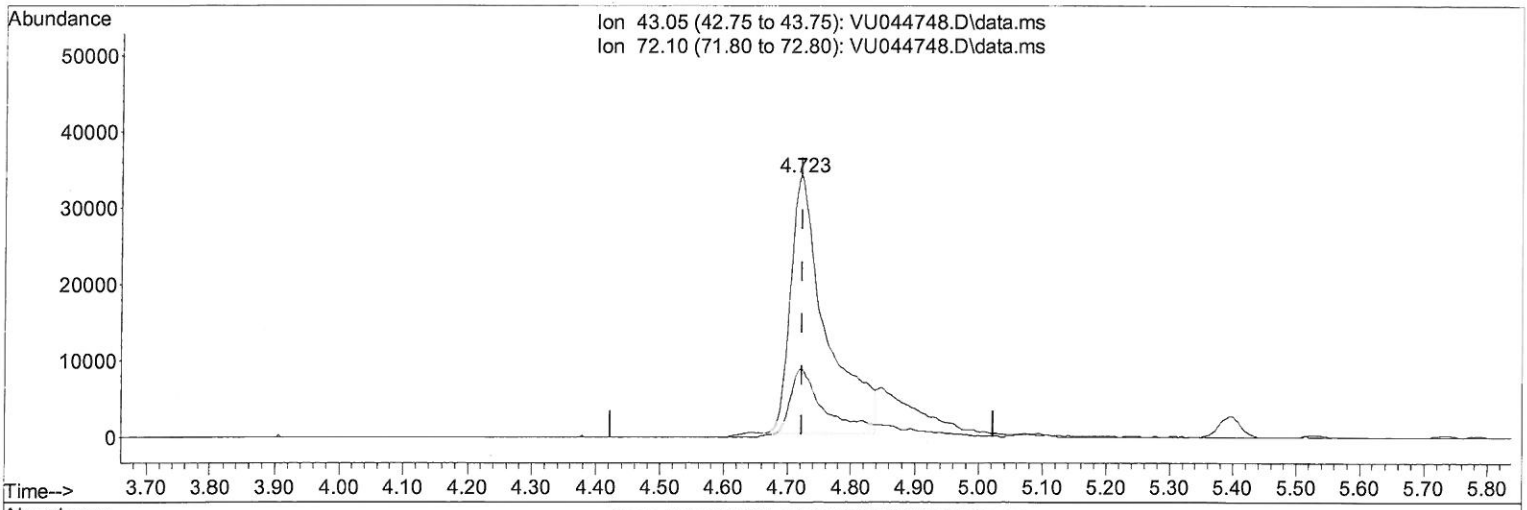
Quantitation Report (Qedit)

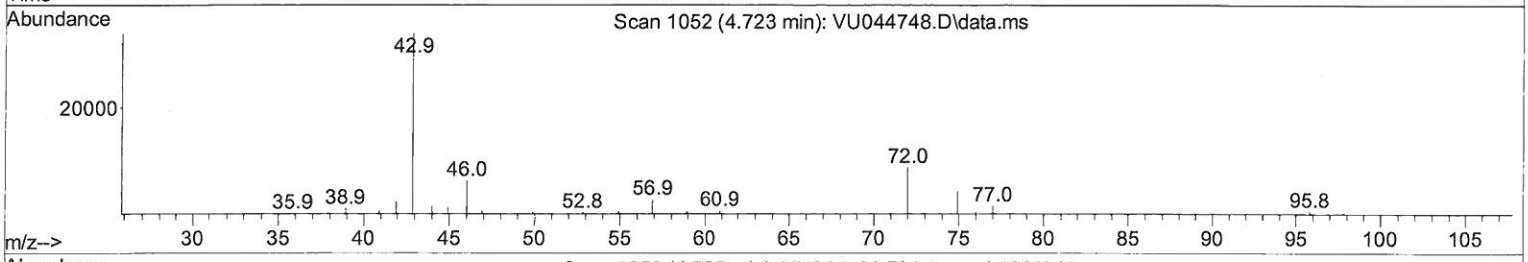
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
Data File : VU044748.D
Acq On : 22 Sep 2021 09:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

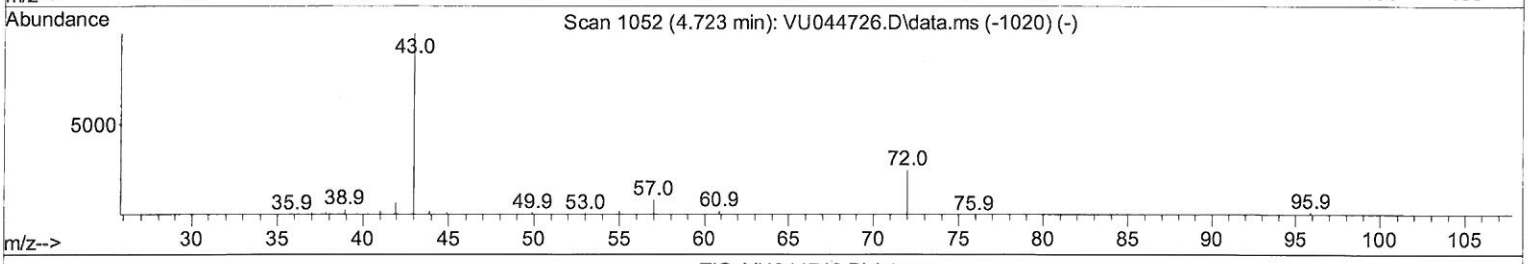
Quant Time: Sep 23 02:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 22 01:40:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC005

Manual Integrations APPROVED
MMDadoda
9/24/2021 1:35:16 PM







TIC: VU044748.D\data.ms

(21) 2-Butanone (T)

4.723min (-0.000) 41.02 ug/L

response 131495

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	24.11
0.00	0.00	0.00
0.00	0.00	0.00

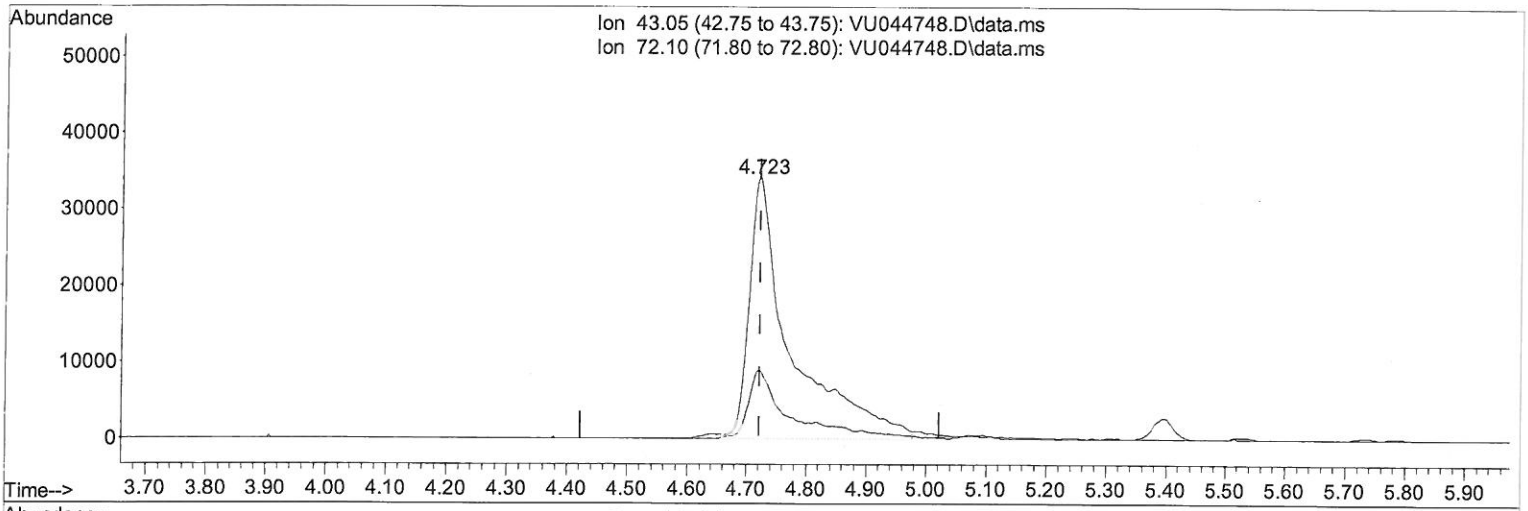
Quantitation Report (Qedit)

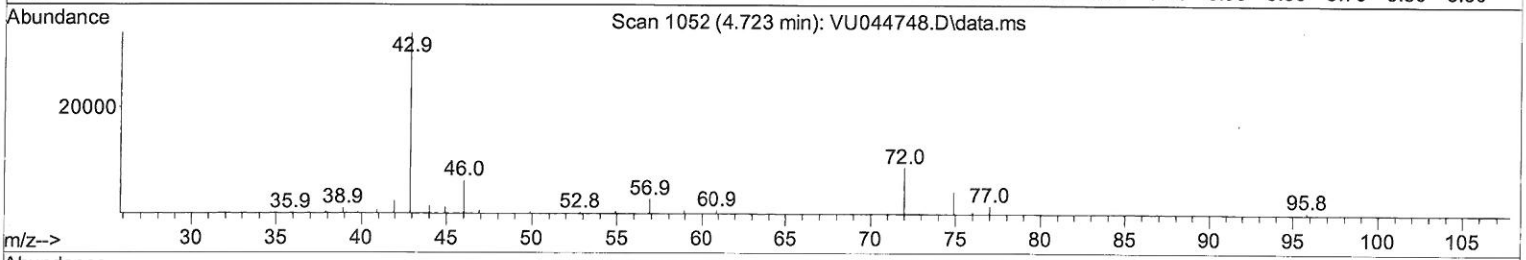
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
Data File : VU044748.D
Acq On : 22 Sep 2021 09:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

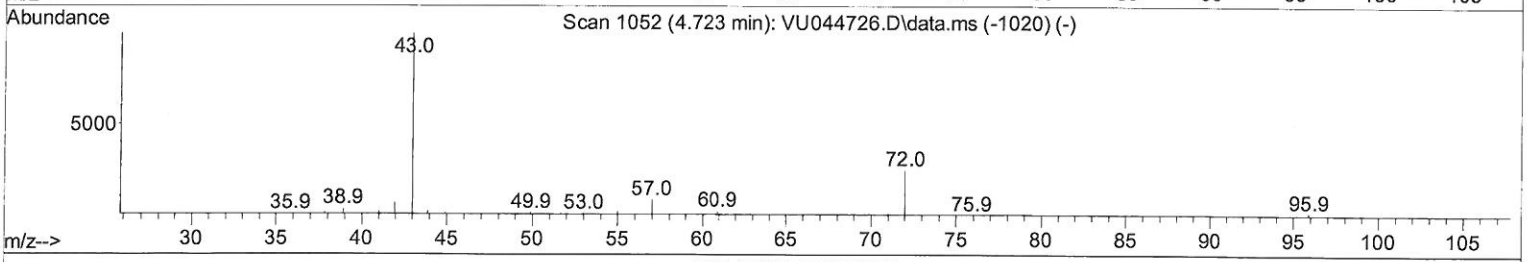
Quant Time: Sep 23 02:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 22 01:40:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC005

Manual Integrations APPROVED
MMDadoda
9/24/2021 1:35:16 PM







TIC: VU044748.D\data.ms

(21) 2-Butanone (T)

4.723min (-0.000) 51.58 ug/L m

response 165343

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	19.17
0.00	0.00	0.00
0.00	0.00	0.00

09/28/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
Data File : VU044748.D
Acq On : 22 Sep 2021 09:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 02:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 22 01:40:07 2021
Response via : Initial Calibration

Instrument : MSVOA_U
LabSampleId : VSTDCCC005

Manual Integrations APPROVED
MMDadoda
9/24/2021 1:35:16 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	119162	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	118855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	61751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32021	4.554	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.000%			
7) Chloroethane-d5	1.916	69	30170	4.205	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.000%			
11) 1,1-Dichloroethene-d2	2.571	65	14475	4.076	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.600%			
20) 2-Butanone-d5	4.642	46	135652m	46.025	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.040%			
24) Chloroform-d	5.070	84	70086	4.739	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.710	65	40347	4.575	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
32) Benzene-d6	5.735	84	126793	4.184	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.600%			
36) 1,2-Dichloropropane-d6	6.697	67	44770	4.498	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.000%			
41) Toluene-d8	7.902	98	111979	4.244	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
43) trans-1,3-Dichloroprop...	8.185	79	13451	3.834	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.600%			
46) 2-Hexanone-d5	8.645	63	101404	44.972	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.940%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41220	4.671	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.400%			
66) 1,2-Dichlorobenzene-d4	12.198	152	41815	4.104	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	41961	4.416	ug/L	97
3) Chloromethane	1.520	50	53997	4.727	ug/L	98
5) Vinyl chloride	1.607	62	52867	4.537	ug/L	94
6) Bromomethane	1.861	94	23823	3.990	ug/L	99
8) Chloroethane	1.938	64	36317	4.890	ug/L	96
9) Trichlorofluoromethane	2.141	101	67723	5.161	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	39171	4.863	ug/L	99
12) 1,1-Dichloroethene	2.584	96	36437	4.760	ug/L	93
13) Acetone	2.649	43	95817m	49.913	ug/L	
14) Carbon disulfide	2.800	76	94803	3.912	ug/L	99
15) Methyl Acetate	2.961	43	15877	4.581	ug/L	100
16) Methylene chloride	3.051	84	76602	6.292	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	115222	5.445	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	39106	4.805	ug/L	97
19) 1,1-Dichloroethane	3.877	63	86318	5.246	ug/L	97
21) 2-Butanone	4.723	43	165343m	51.585	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	45162	5.034	ug/L	99
23) Bromochloromethane	4.983	128	21073	5.545	ug/L	95

MD 9/28/21

MD 09/28/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
Data File : VU044748.D
Acq On : 22 Sep 2021 09:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 02:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 22 01:40:07 2021
Response via : Initial Calibration

Instrument : MSVOA_U
LabSampleId : VSTDCCC005

Manual Integrations APPROVED
MMDadoda
9/24/2021 1:35:16 PM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	5.096	83	89393	5.099 ug/L	97
27) 1,2-Dichloroethane	5.803	62	63431	5.526 ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	68137	5.261 ug/L	100
30) Cyclohexane	5.395	56	62845	4.237 ug/L	97
31) Carbon tetrachloride	5.533	117	51845	5.115 ug/L	98
33) Benzene	5.780	78	176152	4.994 ug/L	100
34) Trichloroethene	6.549	95	42609	4.879 ug/L	95
35) Methylcyclohexane	6.771	83	59067	4.116 ug/L	99
37) 1,2-Dichloropropane	6.800	63	50235	5.315 ug/L	100
38) Bromodichloromethane	7.112	83	62831	5.482 ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	54954	4.104 ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	391443	53.204 ug/L	100
42) Toluene	7.976	91	180380	4.896 ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	47604	4.166 ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	37775	5.620 ug/L	95
47) Tetrachloroethene	8.558	164	28669	4.728 ug/L	98
48) 2-Hexanone	8.693	43	278451	50.846 ug/L	99
49) Dibromochloromethane	8.816	129	38850	5.502 ug/L	98
50) 1,2-Dibromoethane	8.931	107	33367	5.273 ug/L	99
51) Chlorobenzene	9.452	112	112798	4.939 ug/L	97
52) Ethylbenzene	9.574	91	187307	4.694 ug/L	99
53) m,p-Xylene	9.700	106	72492	4.777 ug/L	99
54) o-Xylene	10.105	106	71101	4.905 ug/L	98
55) Styrene	10.121	104	122893	4.843 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	48264	5.349 ug/L	100
59) Bromoform	10.295	173	21044	5.483 ug/L	100
60) Isopropylbenzene	10.491	105	184266	4.767 ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	35805	5.248 ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	147523	4.595 ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	153876	4.667 ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	86277	4.787 ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	87103	4.684 ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	83882	4.903 ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	7445	4.961 ug/L	90
69) 1,3,5-Trichlorobenzene	13.224	180	59067	4.311 ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	47030	4.069 ug/L	100
71) Naphthalene	14.092	128	85837	3.807 ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	46108	4.334 ug/L	98

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