Quantitation Report (QT Reviewed)

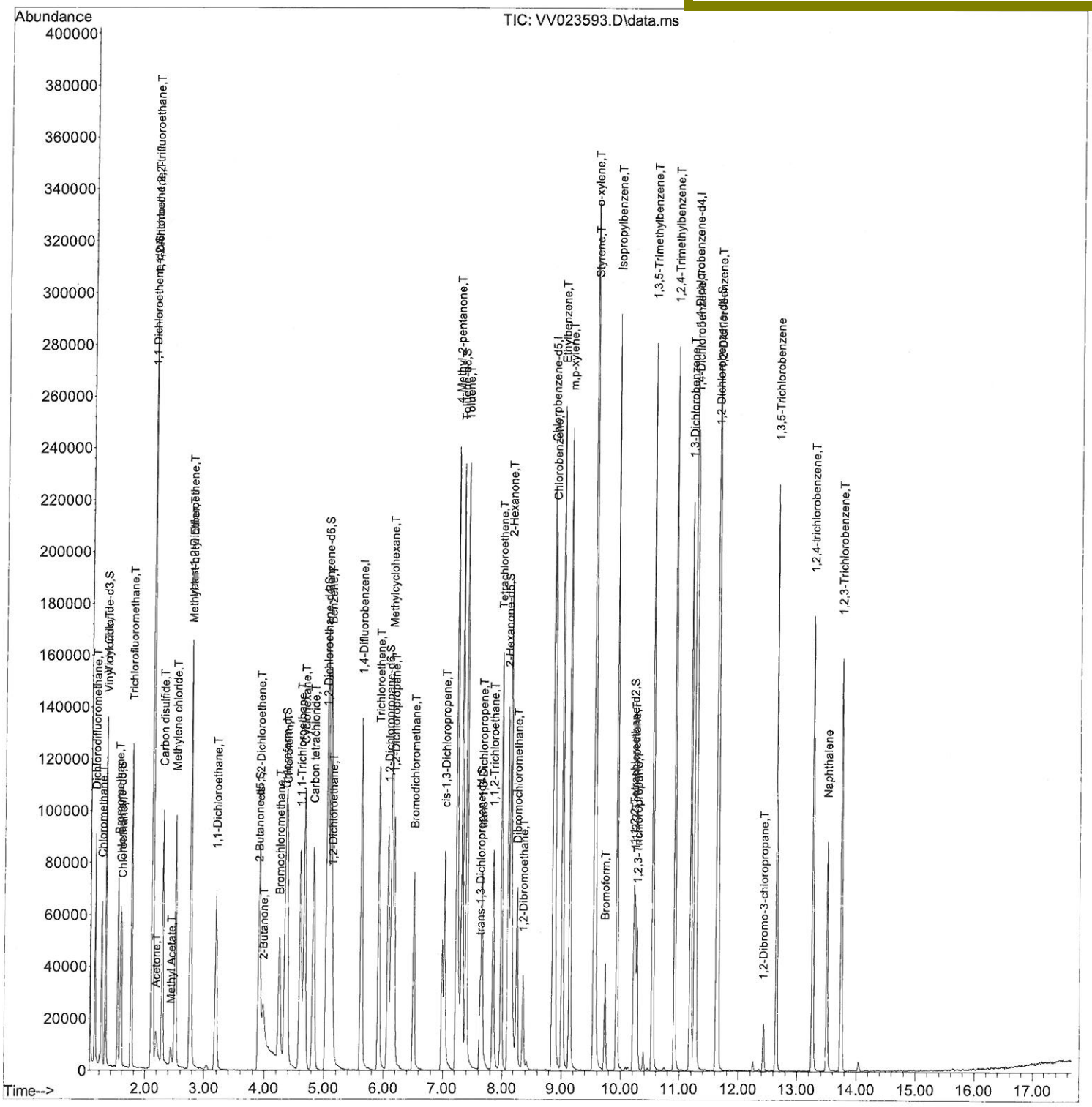
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



Quantitation Report (Qedit)

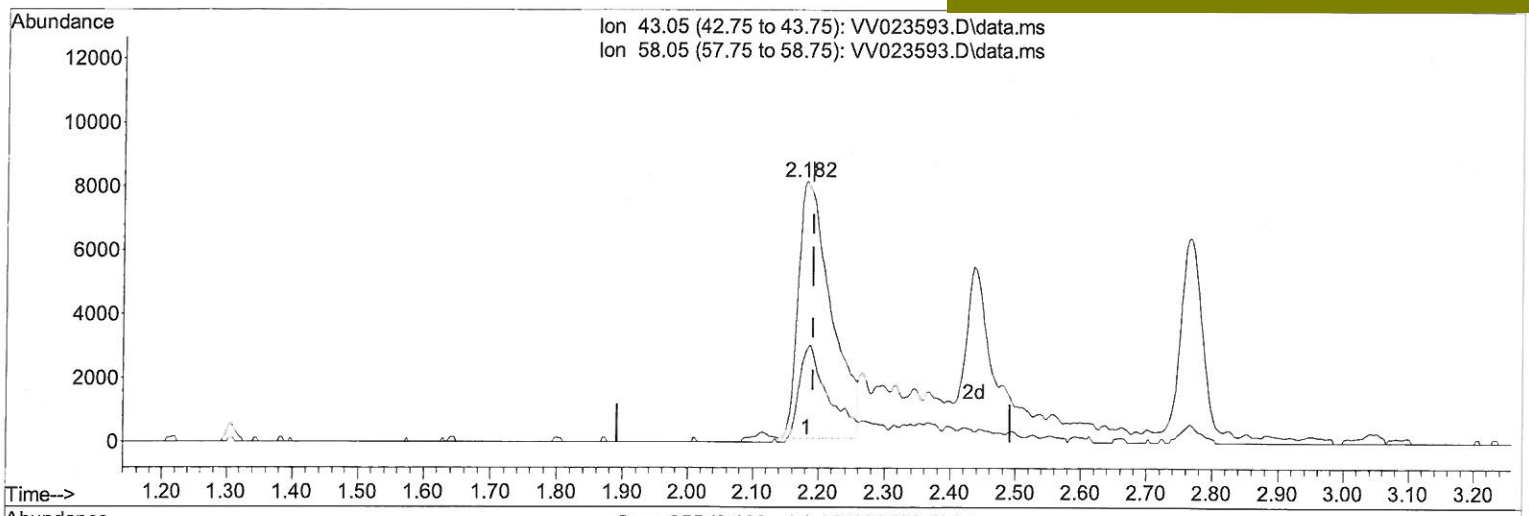
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

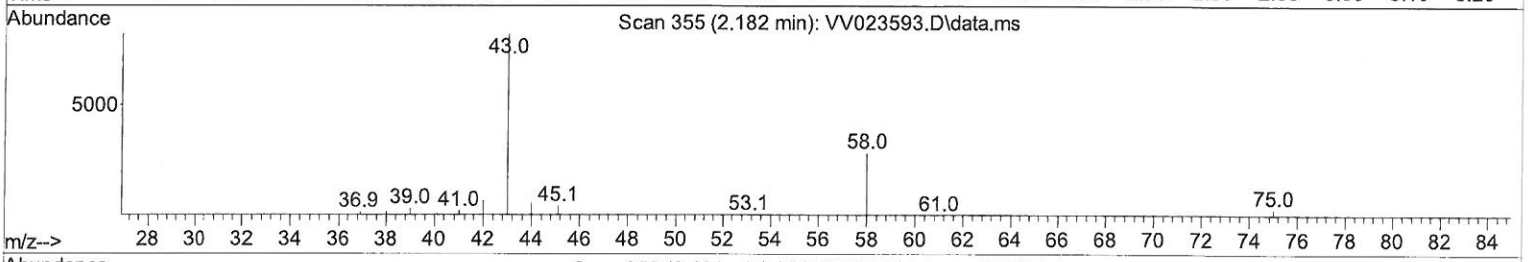
Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

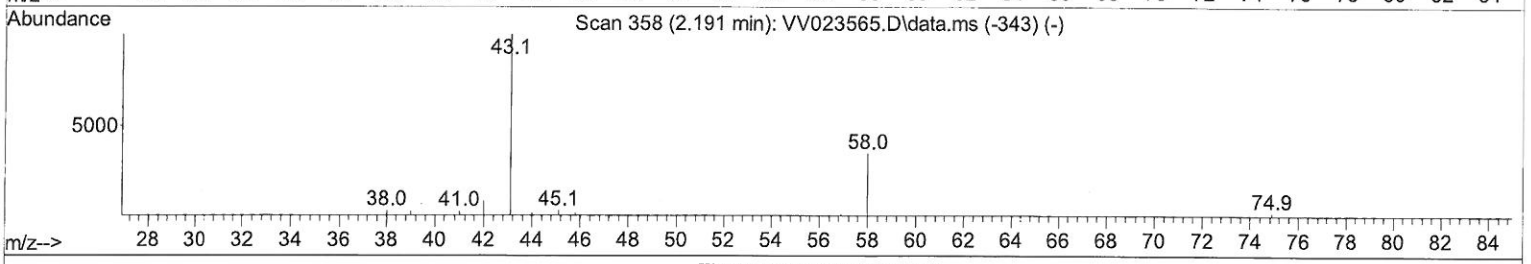
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021







TIC: VV023593.D\data.ms

(13) Acetone (T)

2.182min (-0.010) 35.33 ug/L

response 28069

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	29.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

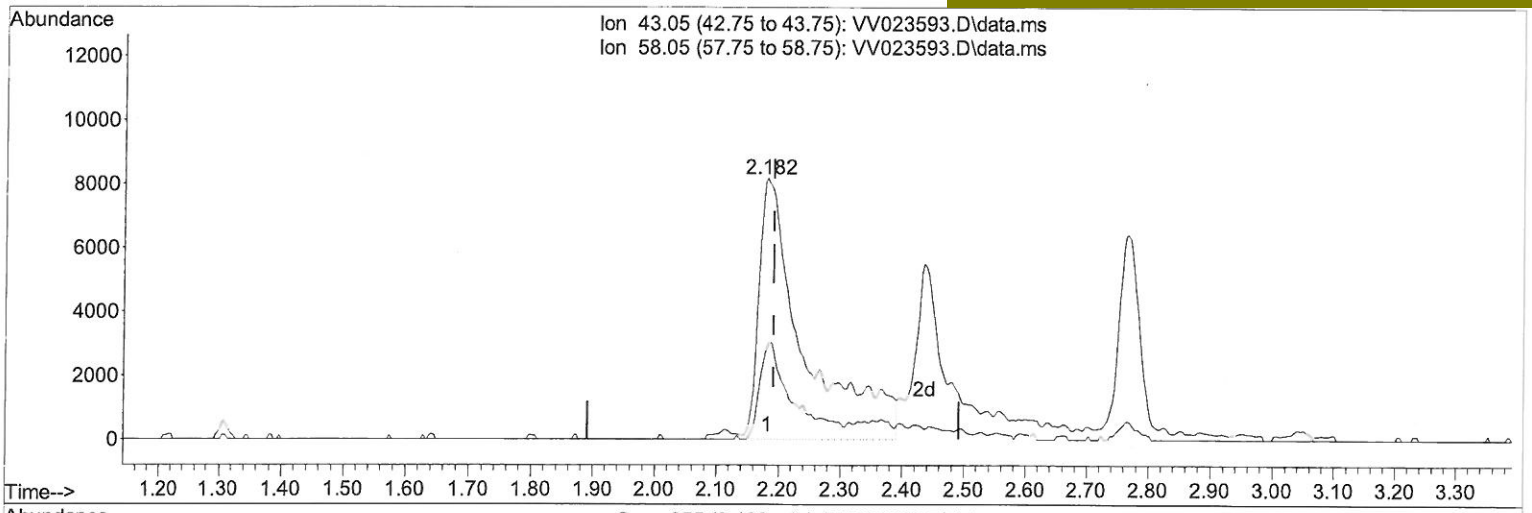
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

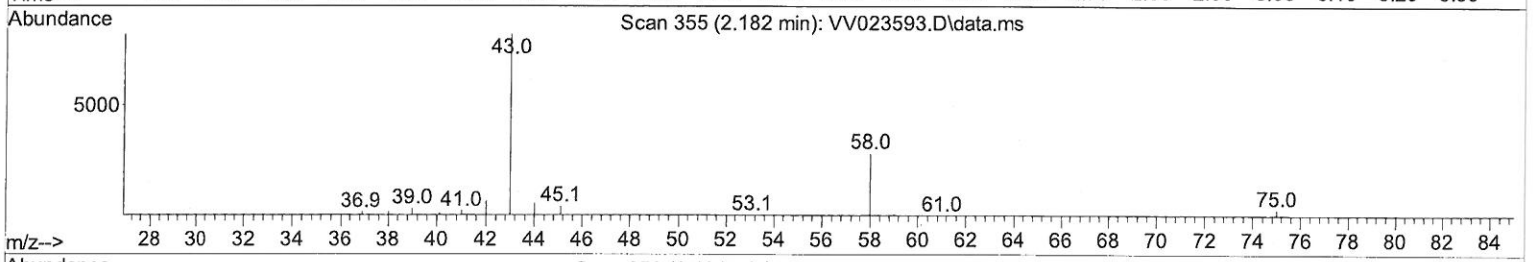
Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

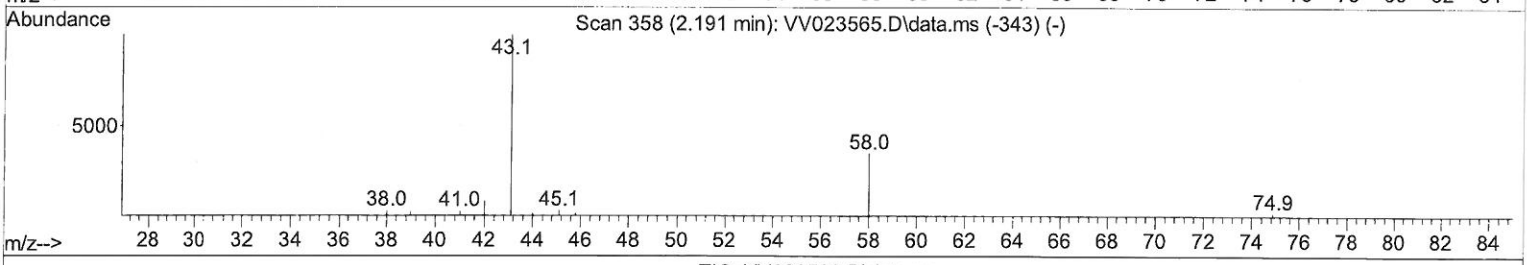
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021







TIC: VV023593.D\data.ms

(13) Acetone (T)

2.182min (-0.010) 52.10 ug/L m

response 41396

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	20.02
0.00	0.00	0.00
0.00	0.00	0.00

ND 11/26/21

Quantitation Report (Qedit)

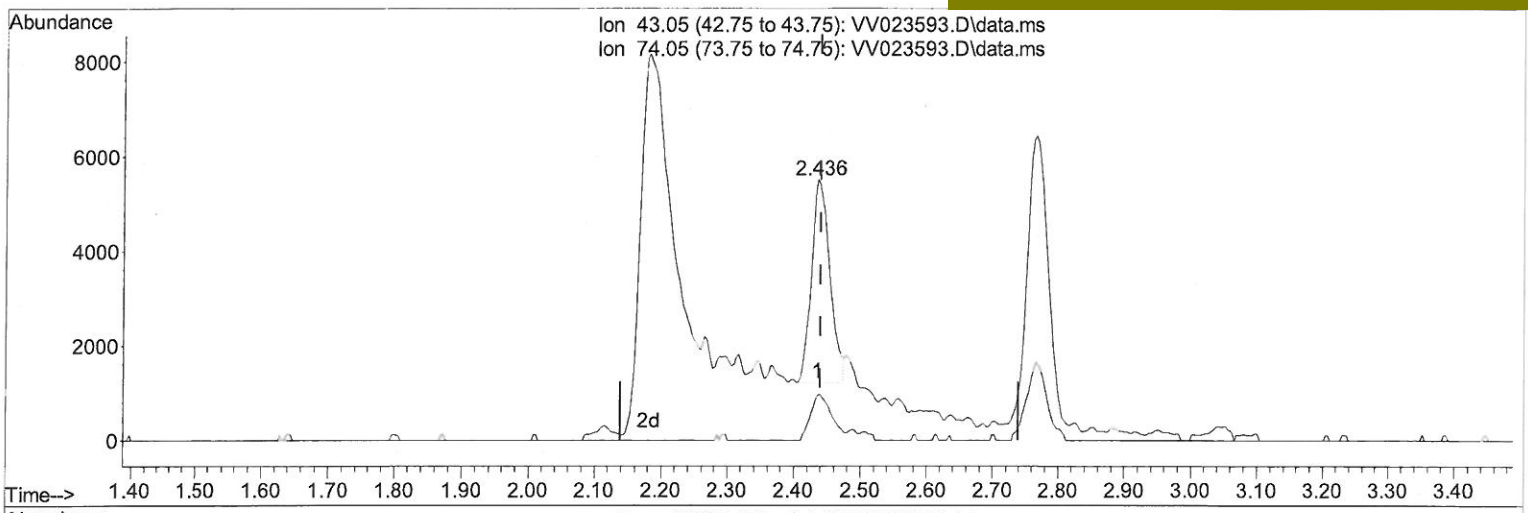
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

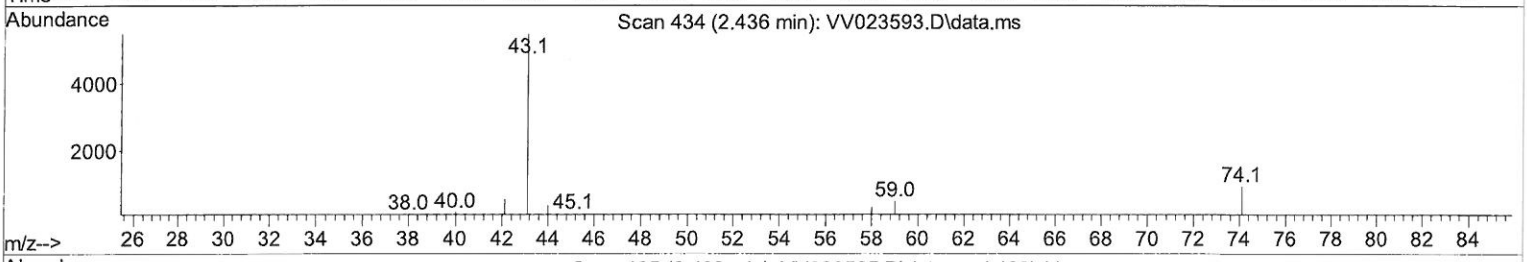
Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

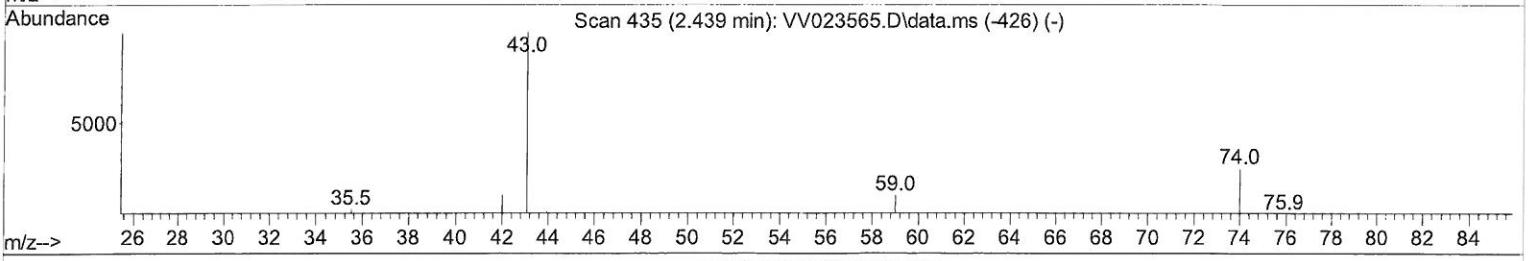
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021







TIC: VV023593.D\data.ms

(15) Methyl Acetate (T)

2.436min (-0.003) 3.69 ug/L

response 8289

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	25.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

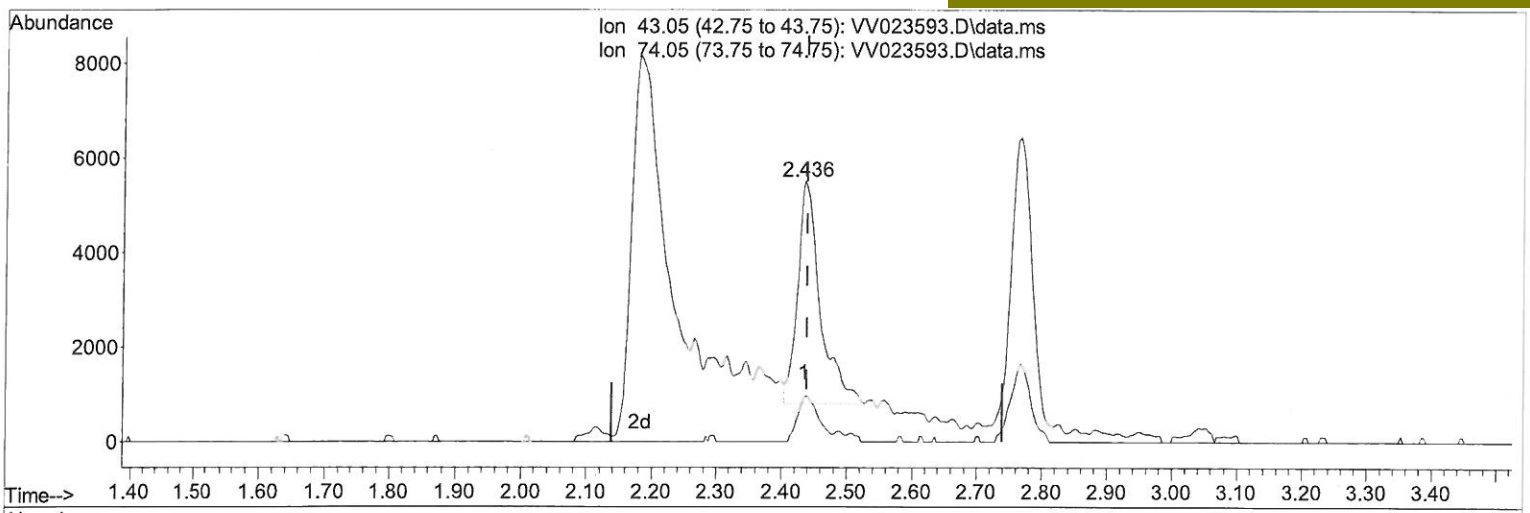
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

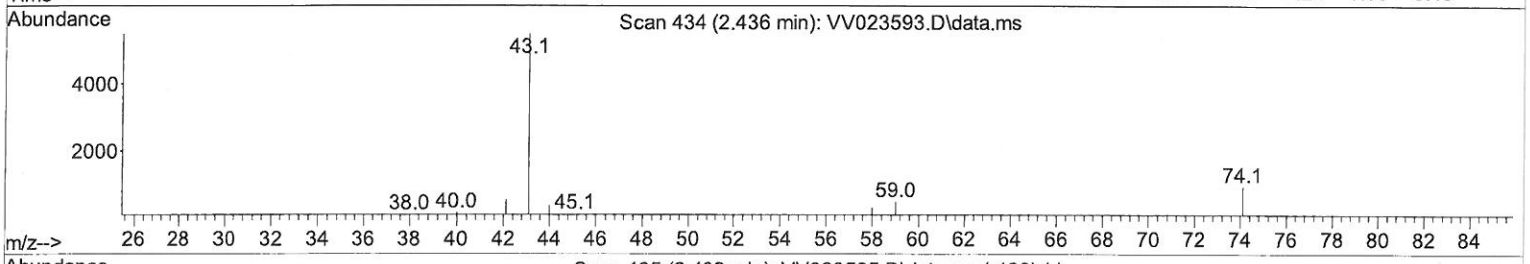
Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

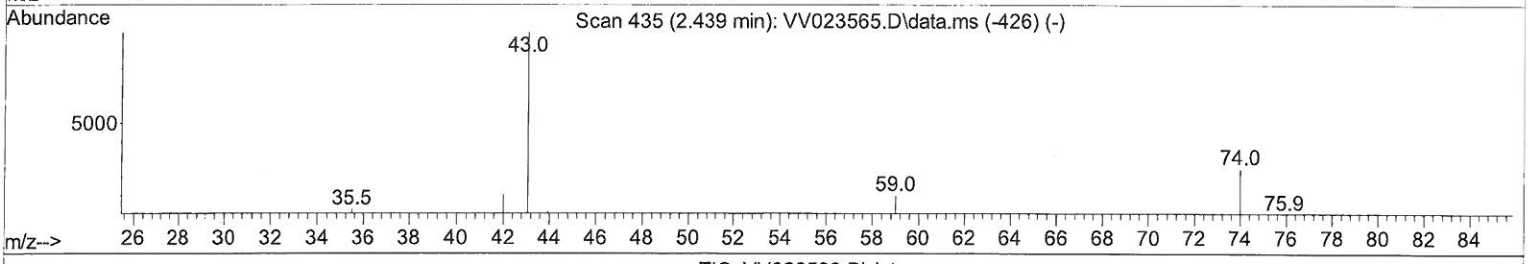
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021







TIC: VV023593.D\data.ms

(15) Methyl Acetate (T)

2.436min (-0.003) 5.09 ug/L m

response 11439

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	18.49#
0.00	0.00	0.00
0.00	0.00	0.00

SMD 11/26/21

Quantitation Report (Qedit)

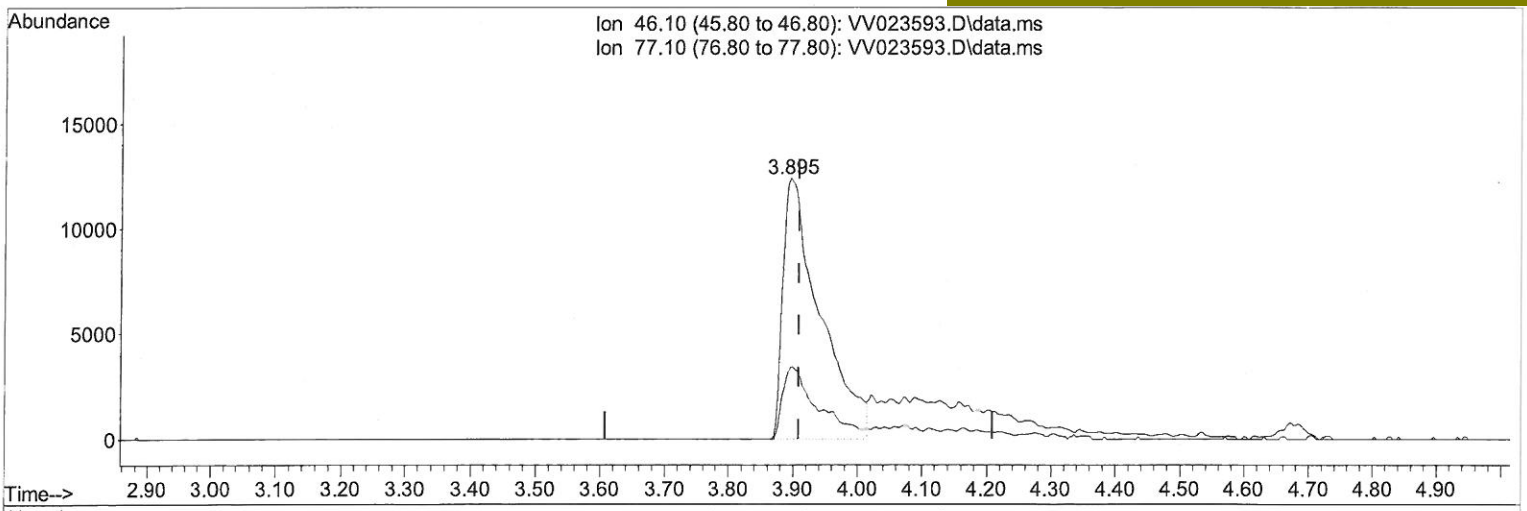
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

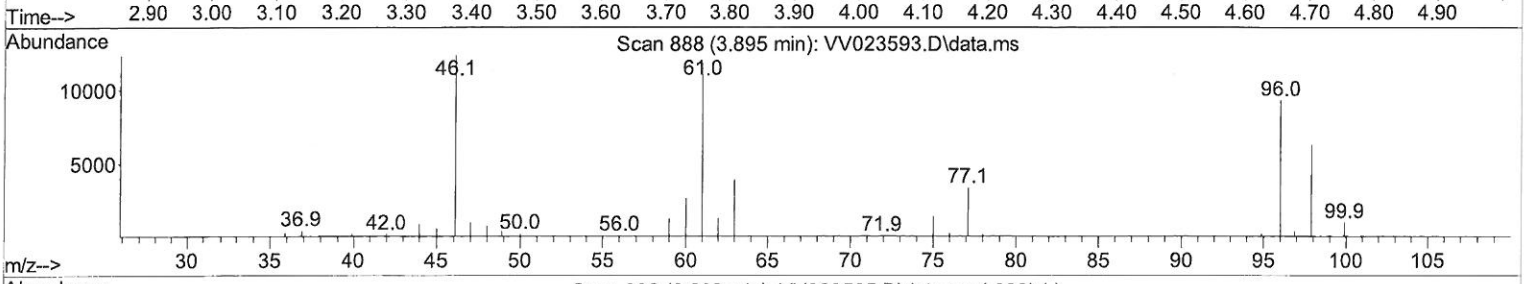
Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

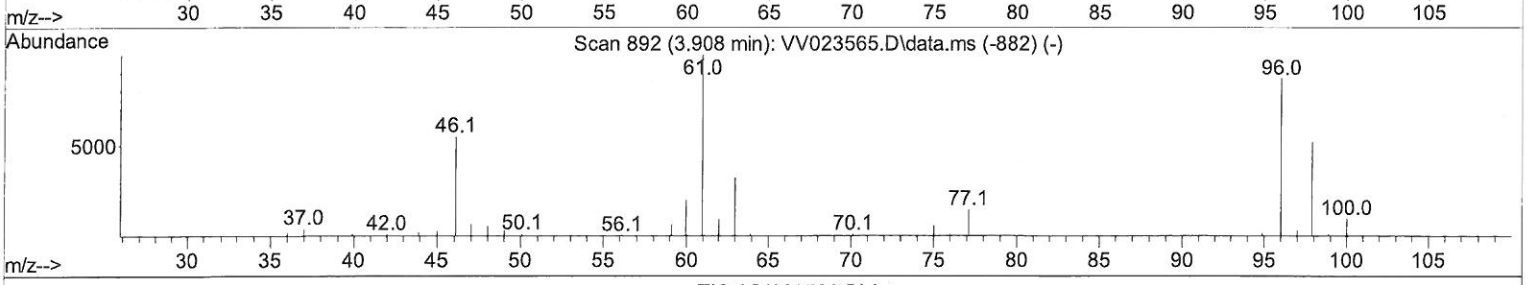
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021







TIC: VV023593.D\data.ms

(20) 2-Butanone-d5 (S)

3.895min (-0.013) 38.07 ug/L

response 49506

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	18.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

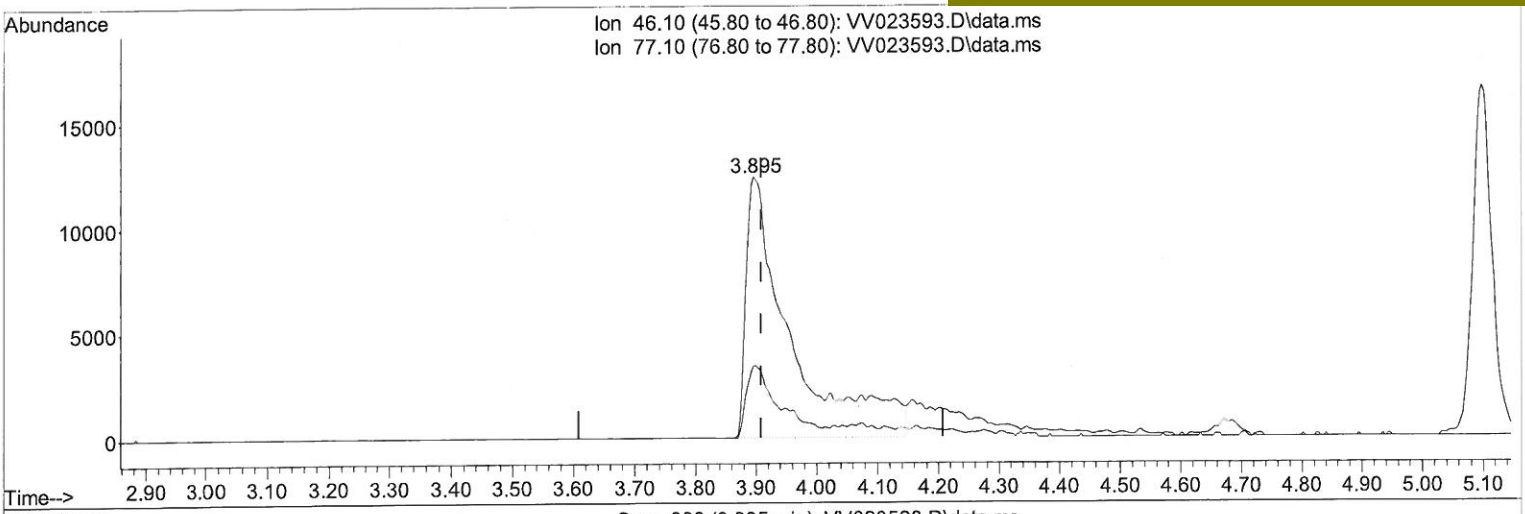
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

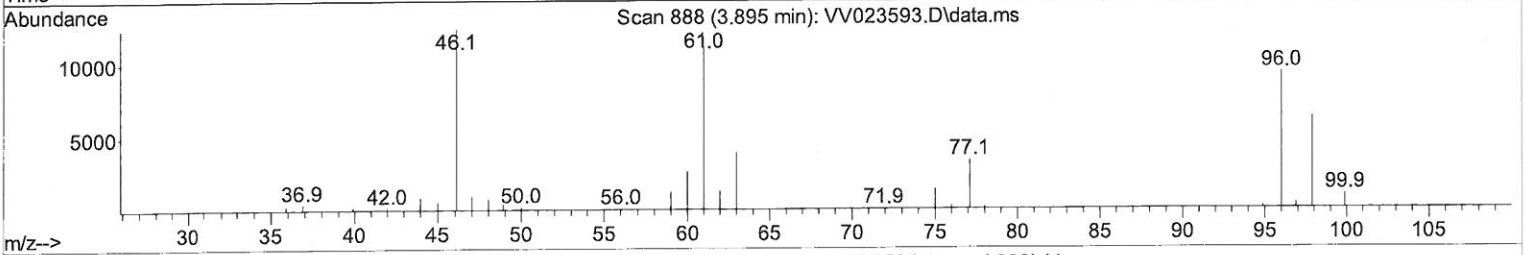
Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

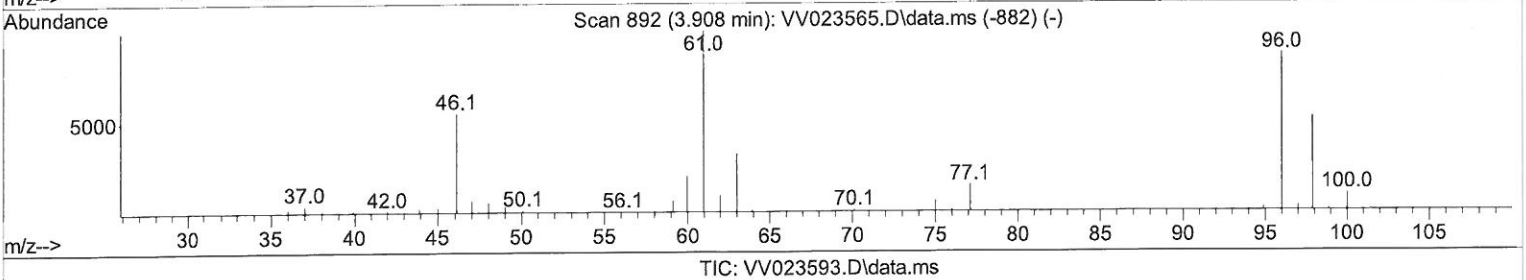
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021







TIC: VV023593.D\data.ms

(20) 2-Butanone-d5 (S)

3.895min (-0.013) 48.99 ug/L m 11/26/21

response 63696

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	14.63#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

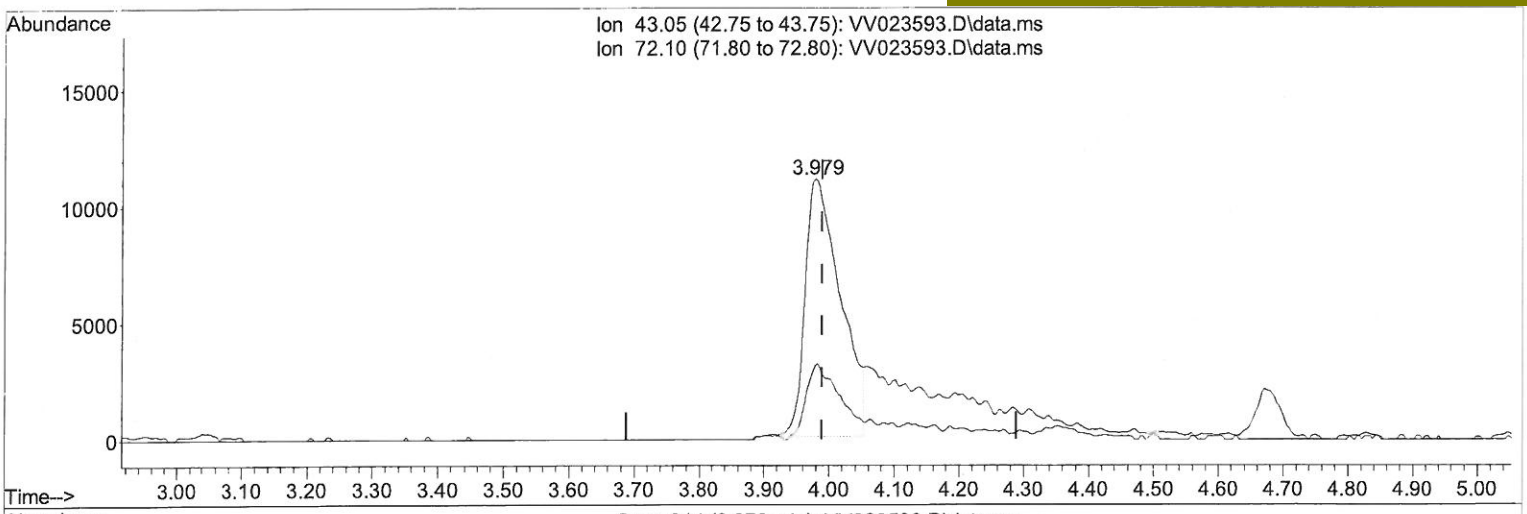
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

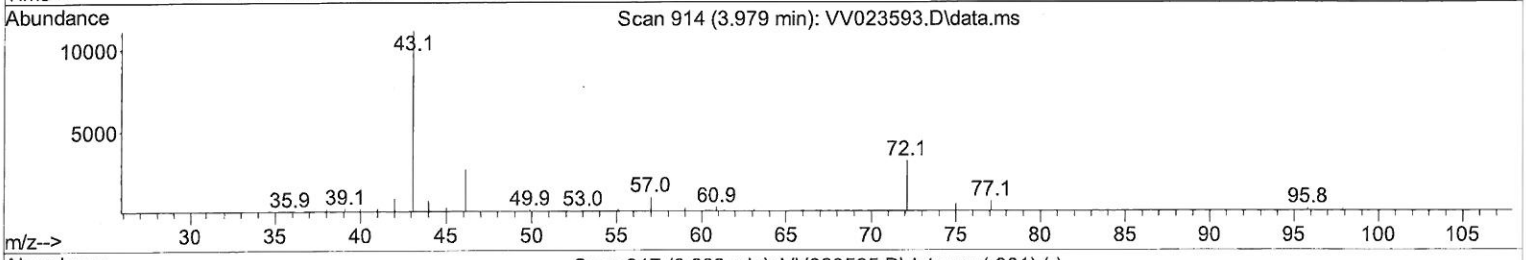
Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

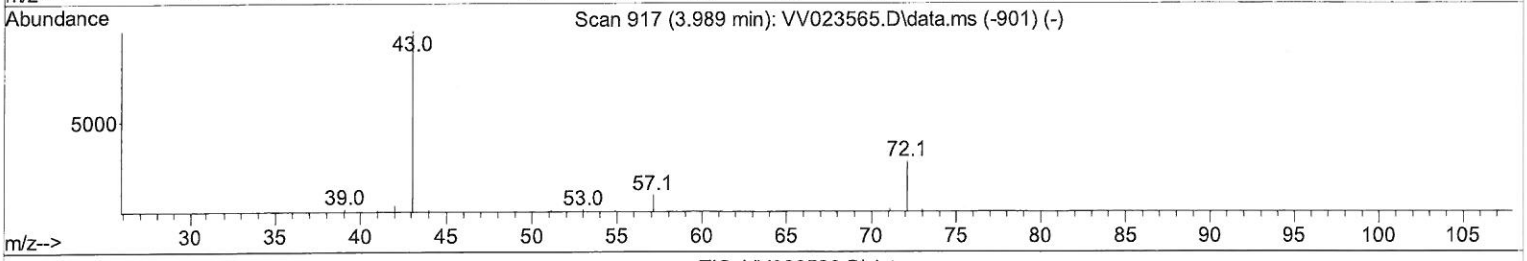
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021







TIC: VV023593.D\data.ms

(21) 2-Butanone (T)

3.979min (-0.010) 32.40 ug/L

response 41625

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	28.59
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

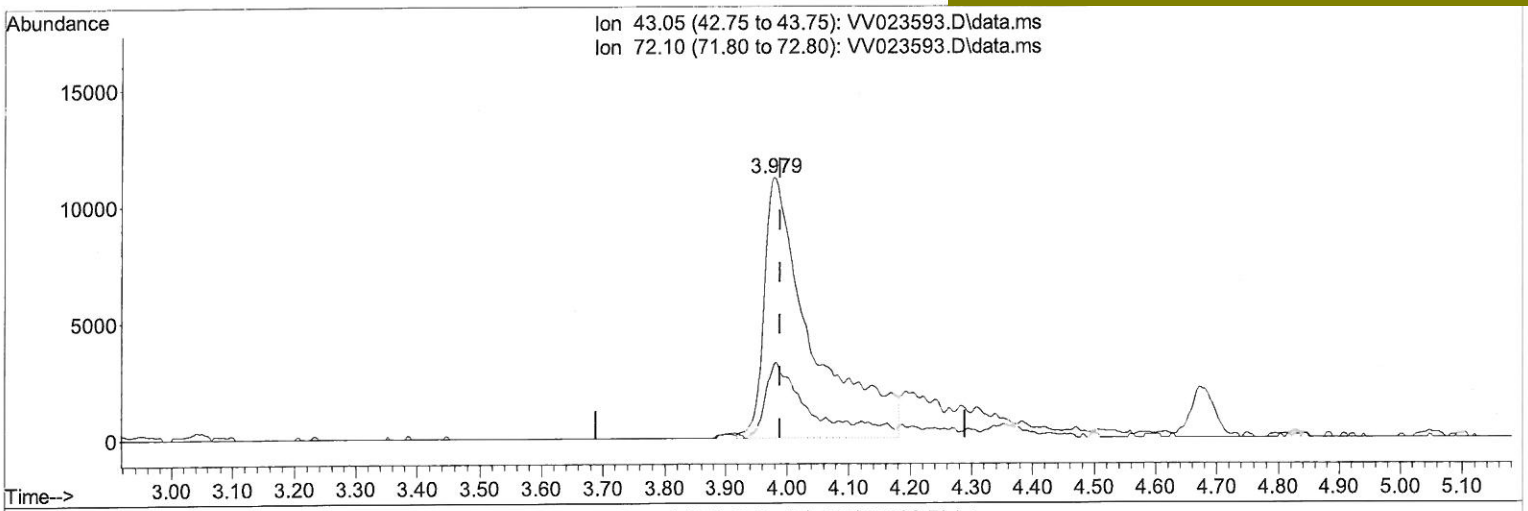
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

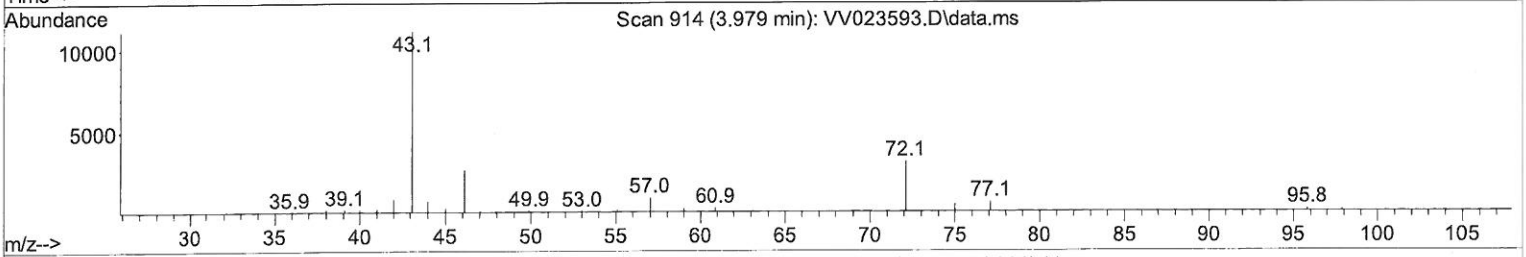
Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

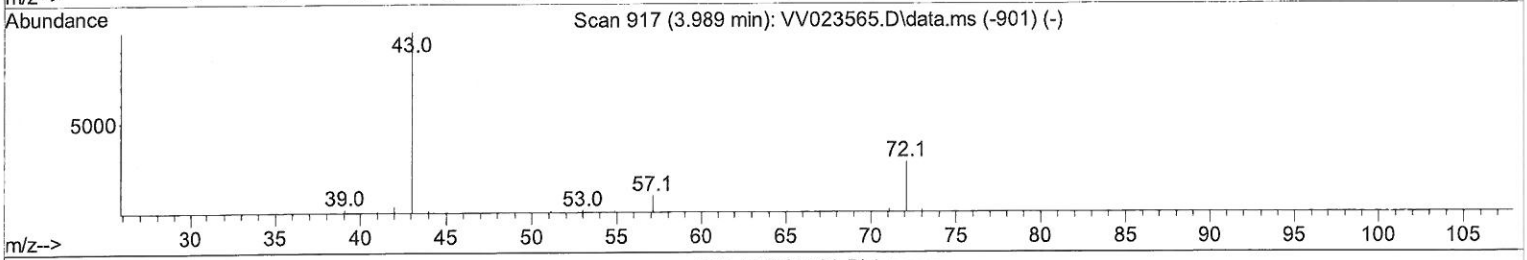
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021







TIC: VV023593.D\data.ms

(21) 2-Butanone (T)

3.979min (-0.010) 47.03 ug/L m

response 60413

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	19.70
0.00	0.00	0.00
0.00	0.00	0.00

7 MD 11/26/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120477	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	121768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43777	5.800	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.000%			
7) Chloroethane-d5	1.567	69	34361	5.586	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.800%			
11) 1,1-Dichloroethene-d2	2.108	63	77332	5.473	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 109.400%			
20) 2-Butanone-d5	3.895	46	63696m	48.986	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.980%			
24) Chloroform-d	4.346	84	78470	4.879	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
26) 1,2-Dichloroethane-d4	5.034	65	36618	5.063	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
32) Benzene-d6	5.050	84	155535	4.978	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.600%			
36) 1,2-Dichloropropane-d6	6.069	67	42972	4.672	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.400%			
41) Toluene-d8	7.313	98	148833	5.083	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
43) trans-1,3-Dichloroprop...	7.622	79	17646	5.060	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.200%			
46) 2-Hexanone-d5	8.088	63	60874	47.443	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.880%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31588	4.776	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	54728	4.900	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	48476	4.126	ug/L	99
3) Chloromethane	1.240	50	40753	4.080	ug/L	97
5) Vinyl chloride	1.310	62	44354	4.446	ug/L	100
6) Bromomethane	1.522	94	28319	4.441	ug/L	94
8) Chloroethane	1.584	64	26357	4.579	ug/L	98
9) Trichlorofluoromethane	1.754	101	72247	4.820	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37550	4.976	ug/L	97
12) 1,1-Dichloroethene	2.117	96	34488	4.800	ug/L	96
13) Acetone	2.182	43	41396m	52.102	ug/L	
14) Carbon disulfide	2.294	76	109034	4.022	ug/L	99
15) Methyl Acetate	2.436	43	11439m	5.087	ug/L	
16) Methylene chloride	2.506	84	40019	3.817	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	74444	4.707	ug/L	94
18) trans-1,2-Dichloroethene	2.760	96	39355	4.456	ug/L	94
19) 1,1-Dichloroethane	3.188	63	67351	4.517	ug/L	99
21) 2-Butanone	3.979	43	60413m	47.031	ug/L	
22) cis-1,2-Dichloroethene	3.911	96	38613	4.543	ug/L #	92
23) Bromochloromethane	4.249	128	18923	4.828	ug/L #	76

MD 11/26/21

MD 11/26/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023593.D
Acq On : 18 Nov 2021 10:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 02:06:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
25) Chloroform	4.374	83	76839	4.834 ug/L		99
27) 1,2-Dichloroethane	5.130	62	40527	4.794 ug/L		99
29) 1,1,1-Trichloroethane	4.606	97	69981	4.732 ug/L		99
30) Cyclohexane	4.677	56	54528	4.115 ug/L		94
31) Carbon tetrachloride	4.825	117	62361	4.695 ug/L		98
33) Benzene	5.098	78	154424	4.537 ug/L		100
34) Trichloroethene	5.911	95	40840	4.512 ug/L		97
35) Methylcyclohexane	6.130	83	60899	4.263 ug/L		95
37) 1,2-Dichloropropane	6.172	63	37203	4.682 ug/L		99
38) Bromodichloromethane	6.509	83	48898	4.592 ug/L		99
39) cis-1,3-Dichloropropene	7.027	75	51095	4.471 ug/L		97
40) 4-Methyl-2-pentanone	7.226	43	185786	50.416 ug/L		97
42) Toluene	7.387	91	176424	4.846 ug/L		98
44) trans-1,3-Dichloropropene	7.651	75	45074	4.753 ug/L		97
45) 1,1,2-Trichloroethane	7.837	97	27273	4.777 ug/L		97
47) Tetrachloroethene	7.976	164	36412	4.642 ug/L		98
48) 2-Hexanone	8.140	43	136120	52.716 ug/L		99
49) Dibromochloromethane	8.246	129	35430	4.898 ug/L		96
50) 1,2-Dibromoethane	8.355	107	24966	4.719 ug/L		99
51) Chlorobenzene	8.882	112	110861	4.582 ug/L		99
52) Ethylbenzene	9.011	91	178190	4.641 ug/L		99
53) m,p-xylene	9.140	106	69705	4.626 ug/L		96
54) o-xylene	9.545	106	66083	4.675 ug/L		99
55) Styrene	9.561	104	117685	4.860 ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.239	83	29346	4.692 ug/L		99
59) Bromoform	9.731	173	19360	4.833 ug/L		96
60) Isopropylbenzene	9.931	105	183840	4.777 ug/L		99
61) 1,2,3-Trichloropropane	10.275	75	21181	4.754 ug/L		97
62) 1,3,5-Trimethylbenzene	10.538	105	149193	4.675 ug/L		99
63) 1,2,4-Trimethylbenzene	10.914	105	152445	4.799 ug/L		99
64) 1,3-Dichlorobenzene	11.181	146	93532	4.756 ug/L		97
65) 1,4-Dichlorobenzene	11.271	146	91966	4.579 ug/L		98
67) 1,2-Dichlorobenzene	11.641	146	83691	4.756 ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4358	4.591 ug/L	#	81
69) 1,3,5-Trichlorobenzene	12.644	180	70408	4.573 ug/L		99
70) 1,2,4-trichlorobenzene	13.262	180	52304	4.242 ug/L		99
71) Naphthalene	13.503	128	70744	3.891 ug/L		99
72) 1,2,3-Trichlorobenzene	13.744	180	48494	4.495 ug/L		98

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