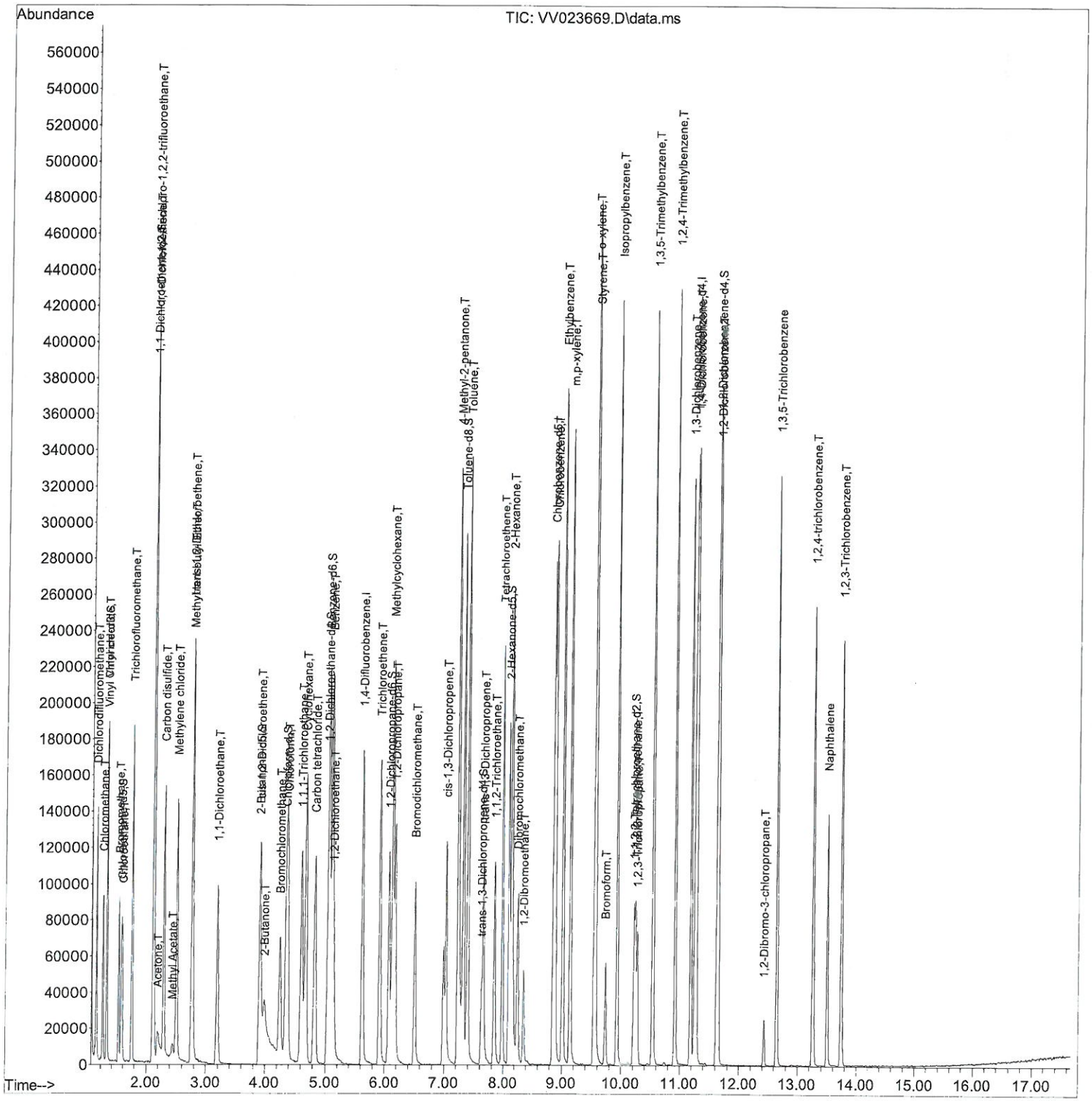
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023669.D
Acq On : 23 Nov 2021 14:08
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 04:31:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:22:49 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023669.D
Acq On : 23 Nov 2021 14:08
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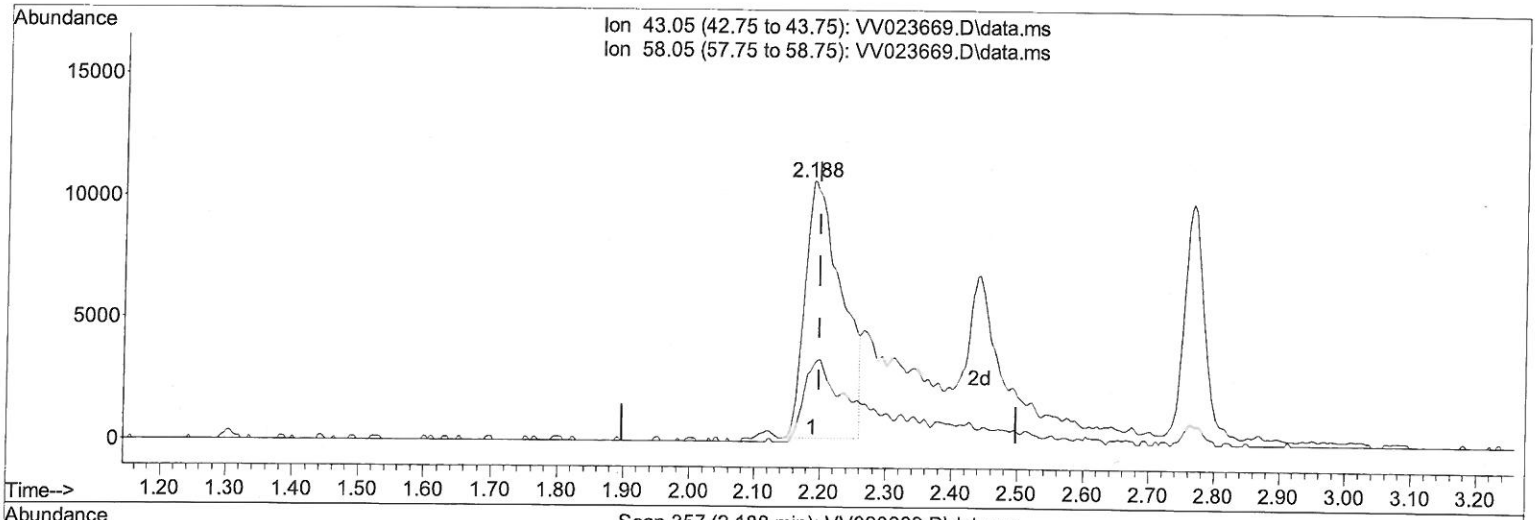

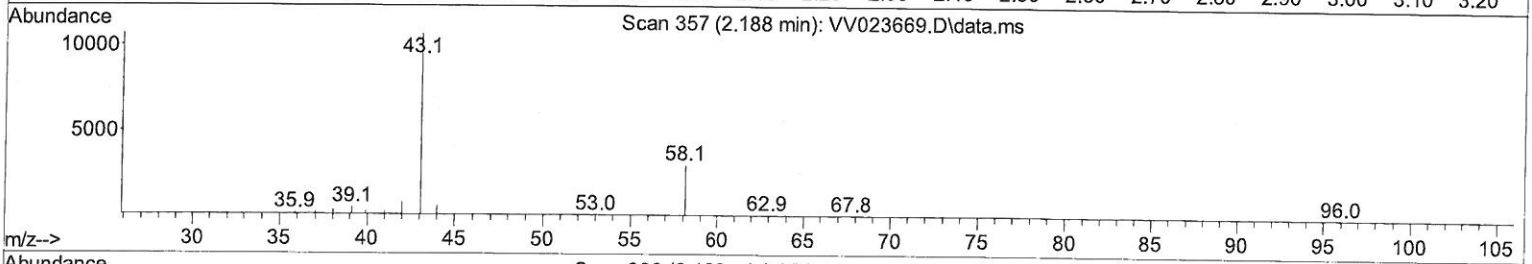

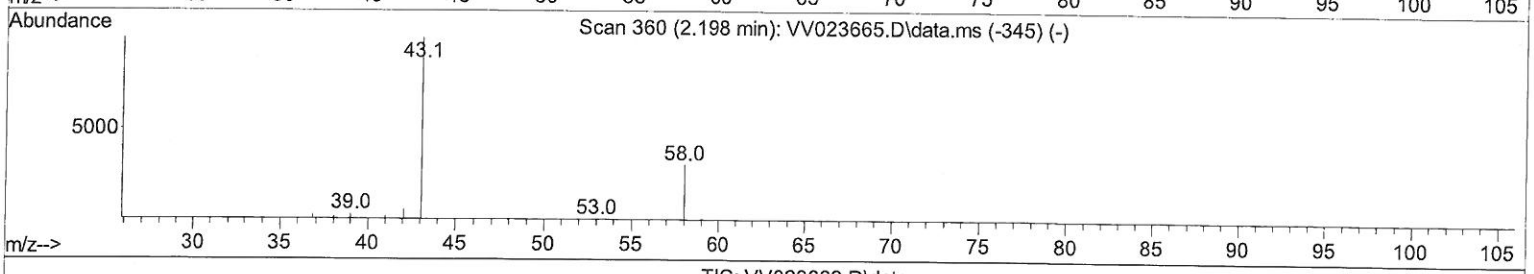

TIC: VV023669.D\data.ms

(13) Acetone (T)

2.188min (-0.009) 30.09 ug/L

response 40651

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	23.60
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
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MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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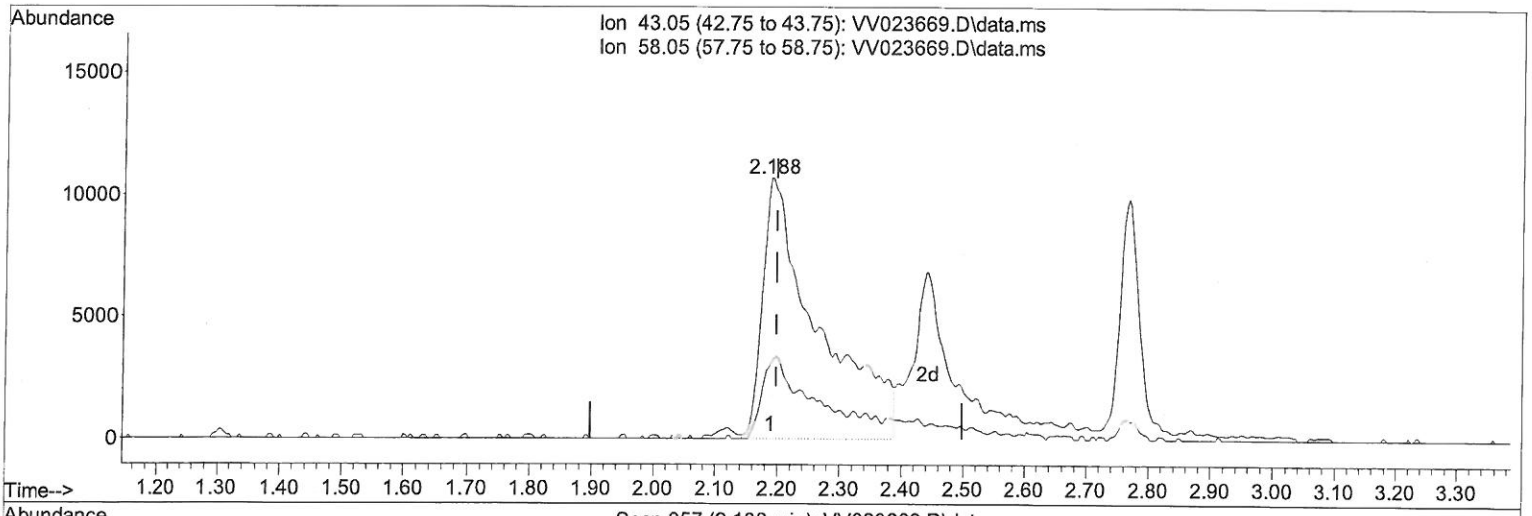

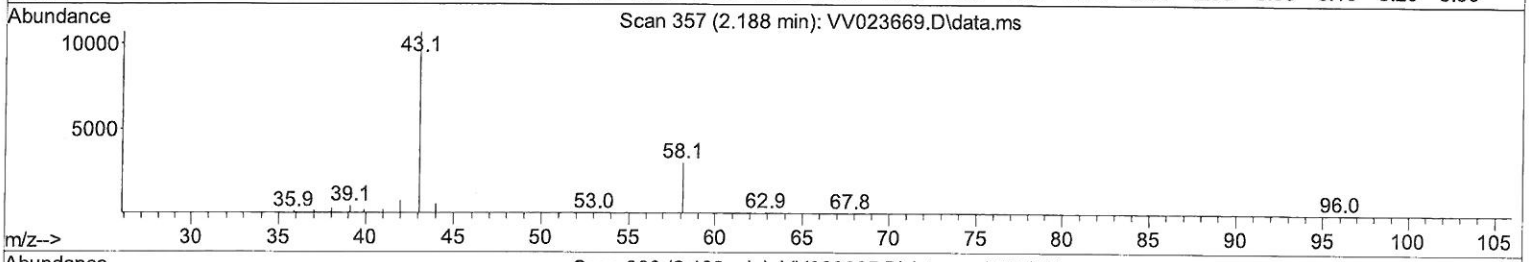

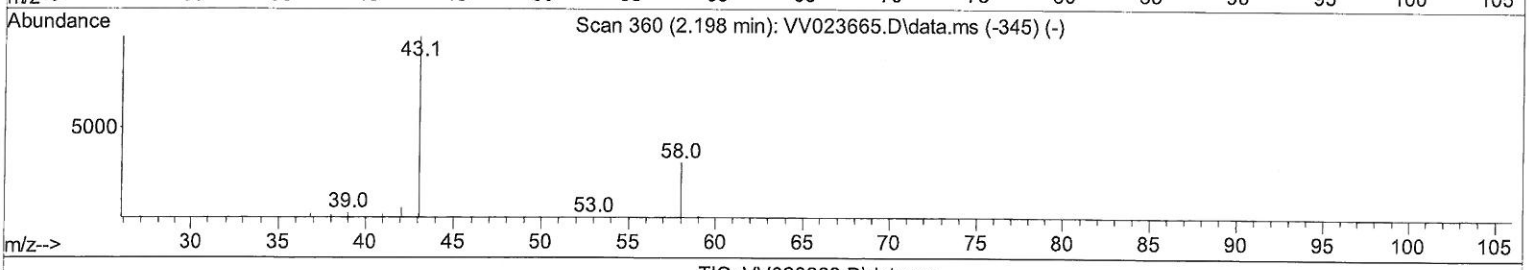

TIC: VV023669.D\data.ms

(13) Acetone (T)

2.188min (-0.009) 48.88 ug/L m

response 66036

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	14.53
0.00	0.00	0.00
0.00	0.00	0.00

12/01/21

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023669.D
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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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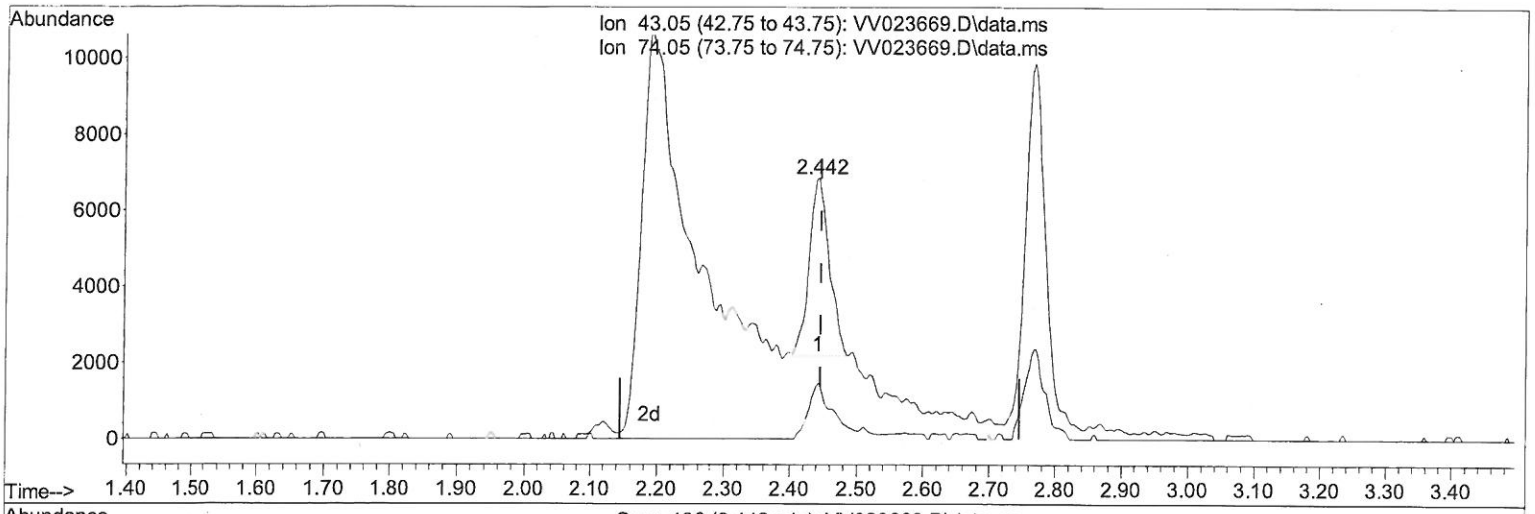
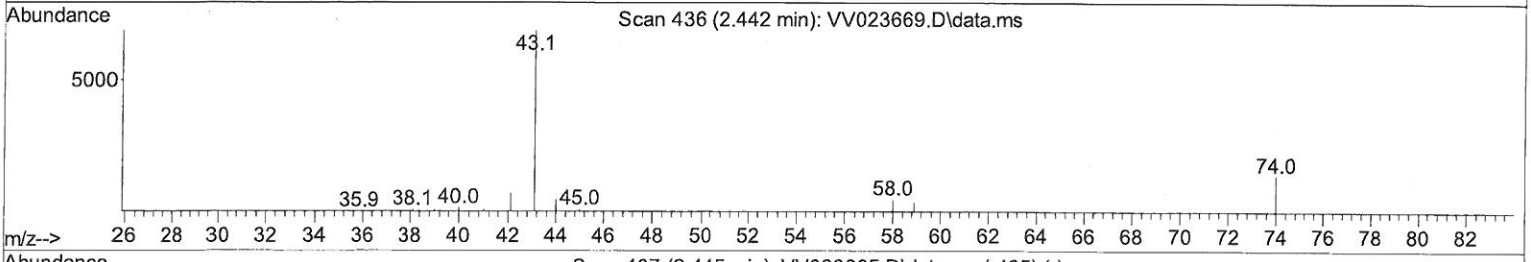
QLast Update : Wed Nov 24 04:22:49 2021
Response via : Initial Calibration

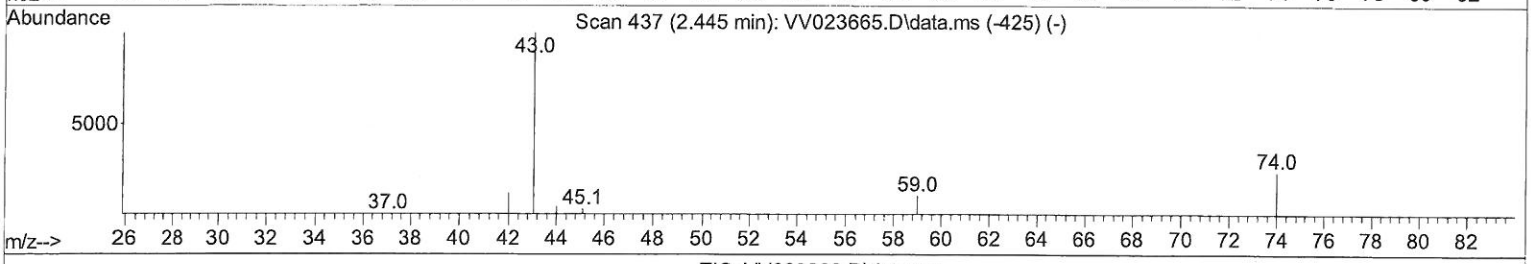
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021







TIC: VV023669.D\data.ms

(15) Methyl Acetate (T)

2.442min (-0.003) 3.17 ug/L

response 9707

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	25.20	37.20#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023669.D
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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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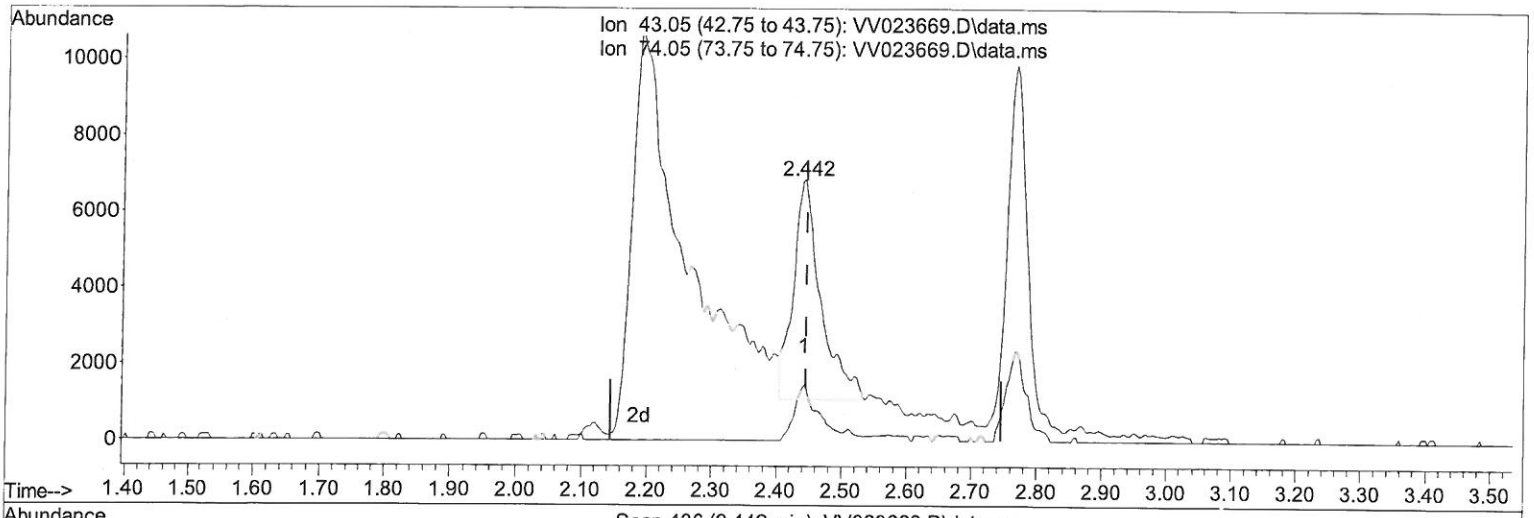
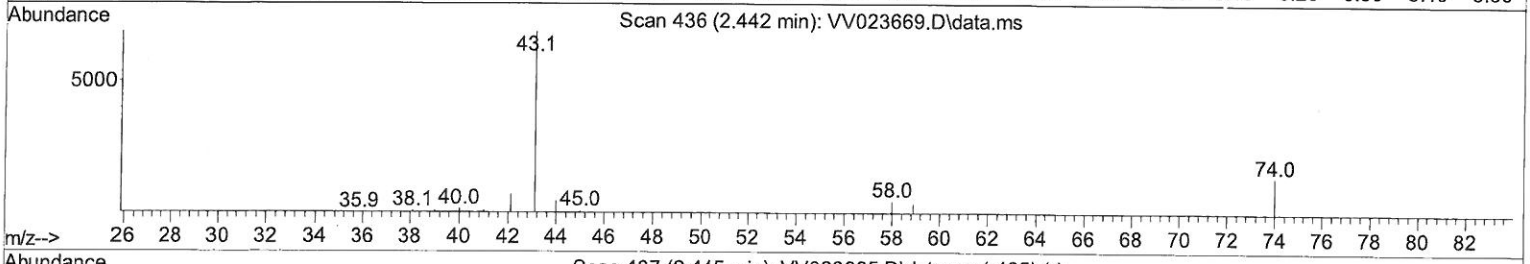
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:22:49 2021
Response via : Initial Calibration

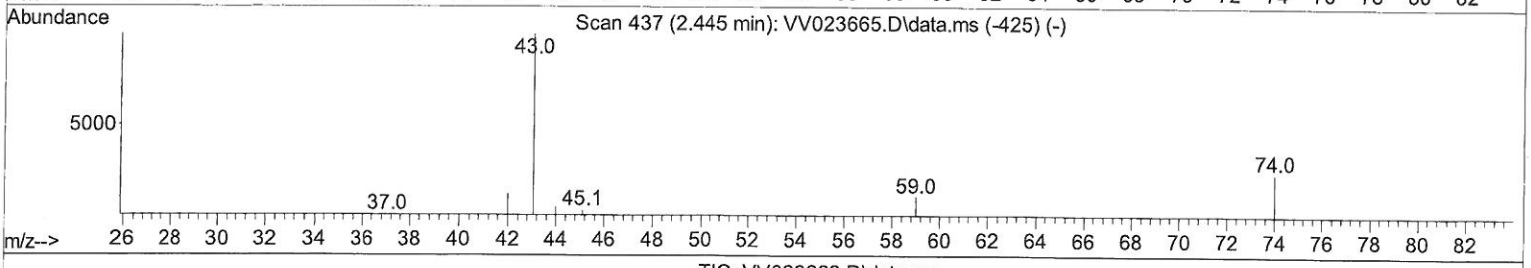
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021







TIC: VV023669.D\data.ms

(15) Methyl Acetate (T)

2.442min (-0.003) 5.56 ug/L m JMD 12/01/21

response 17047

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	25.20	21.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

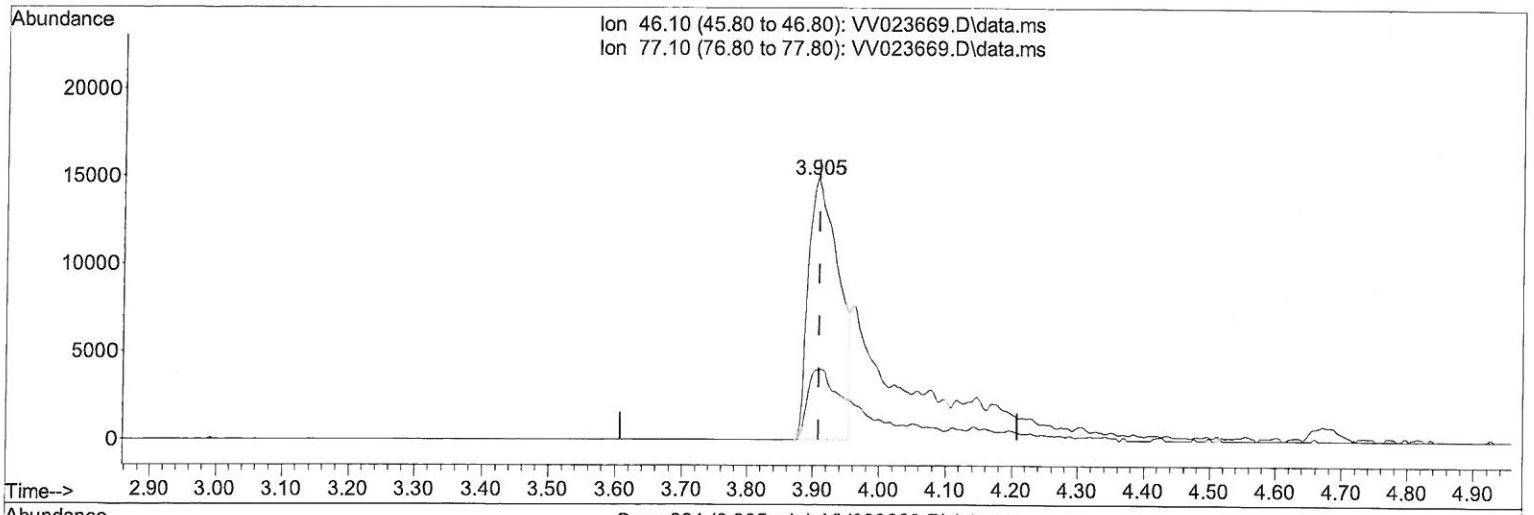
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023669.D
Acq On : 23 Nov 2021 14:08
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

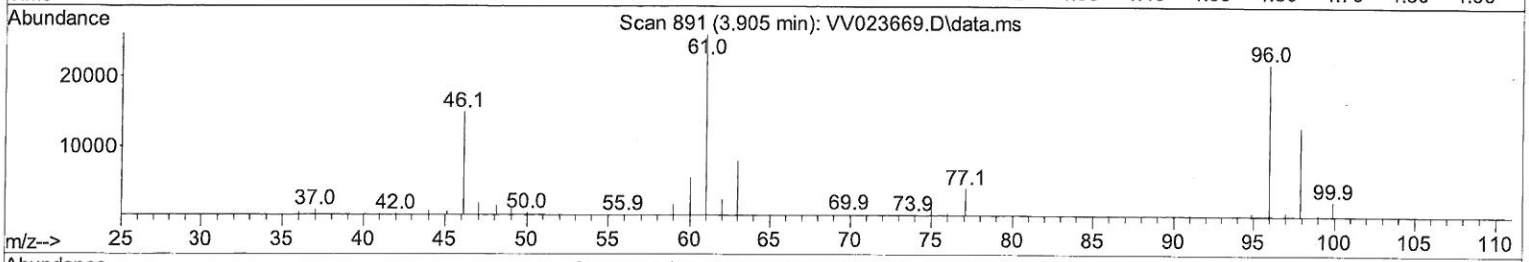
Quant Time: Nov 24 04:31:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:22:49 2021
Response via : Initial Calibration

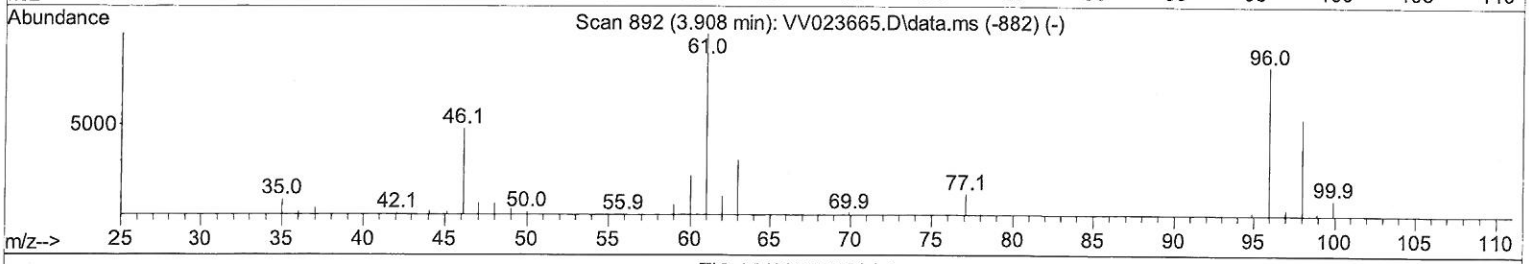
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021







TIC: VV023669.D\data.ms

(20) 2-Butanone-d5 (S)

3.905min (-0.003) 31.51 ug/L

response 47309

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	39.66#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023669.D
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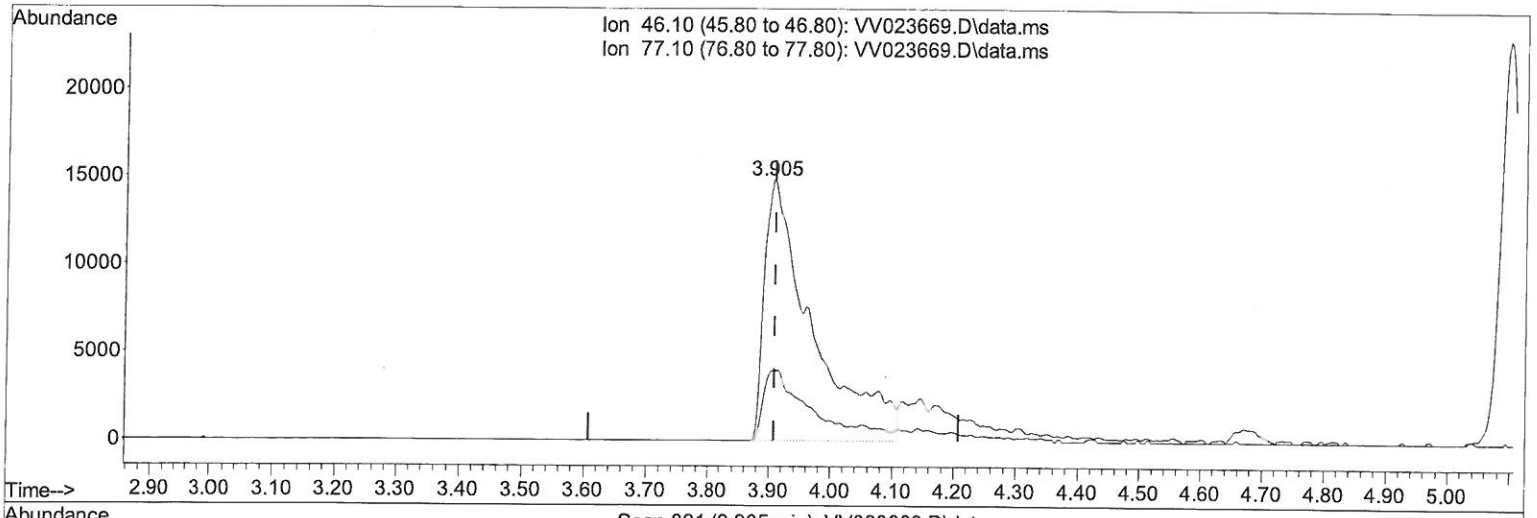
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

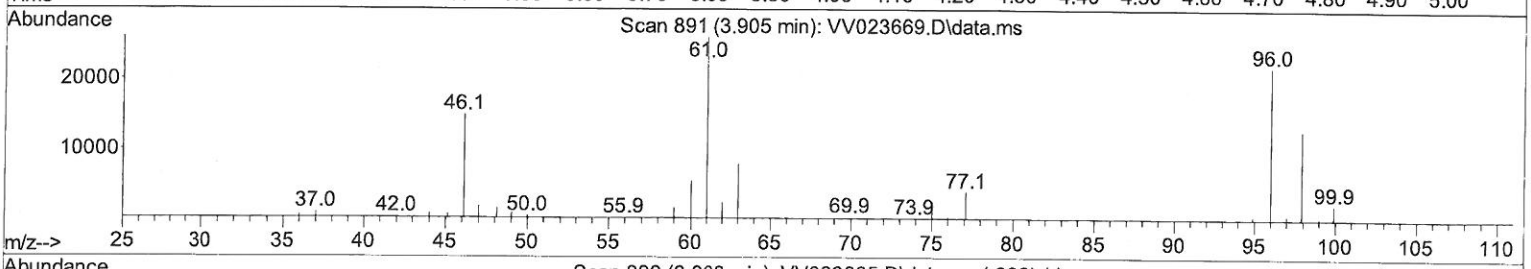
Quant Time: Nov 24 04:31:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:22:49 2021
Response via : Initial Calibration

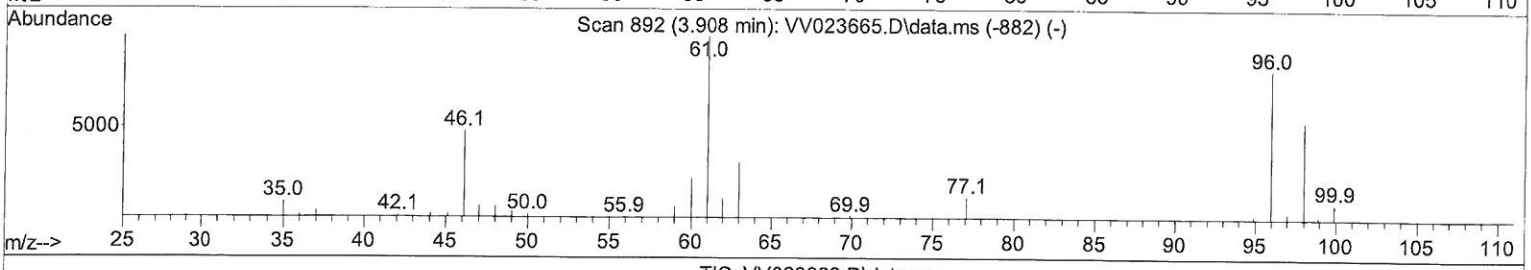
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021







TIC: VV023669.D\data.ms

(20) 2-Butanone-d5 (S)

3.905min (-0.003) 53.53 ug/L m → MD 12/01/21

response 80372

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	23.34#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023669.D
Acq On : 23 Nov 2021 14:08
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:22:49 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

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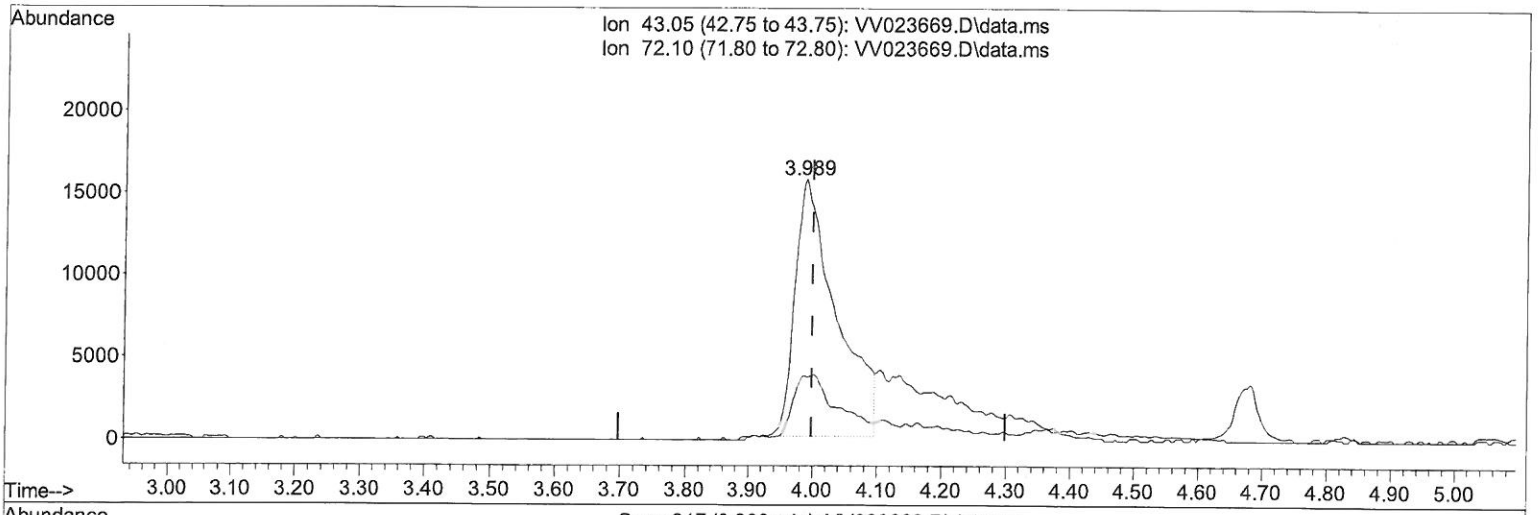

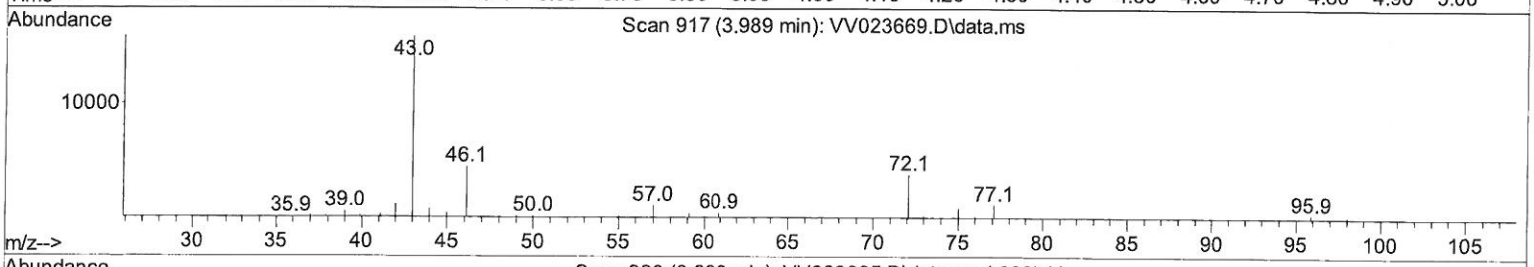

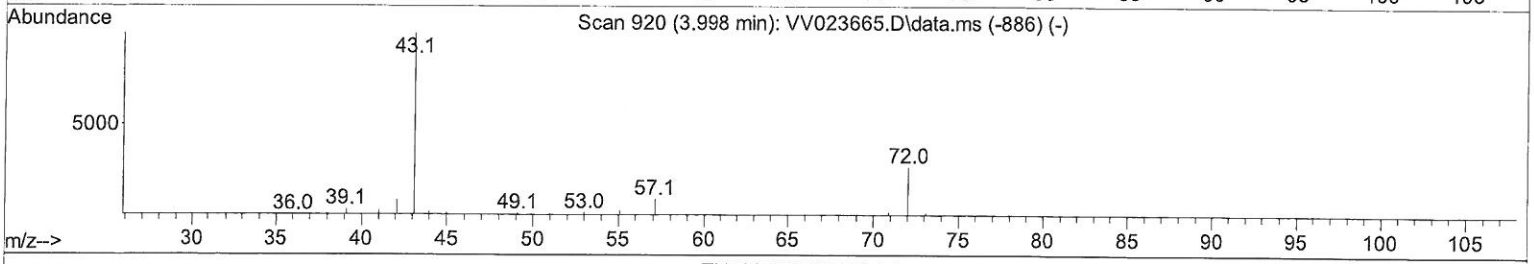

TIC: VV023669.D\data.ms

(21) 2-Butanone (T)

3.989min (-0.009) 40.65 ug/L

response 69509

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	8.72#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 24 04:31:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:22:49 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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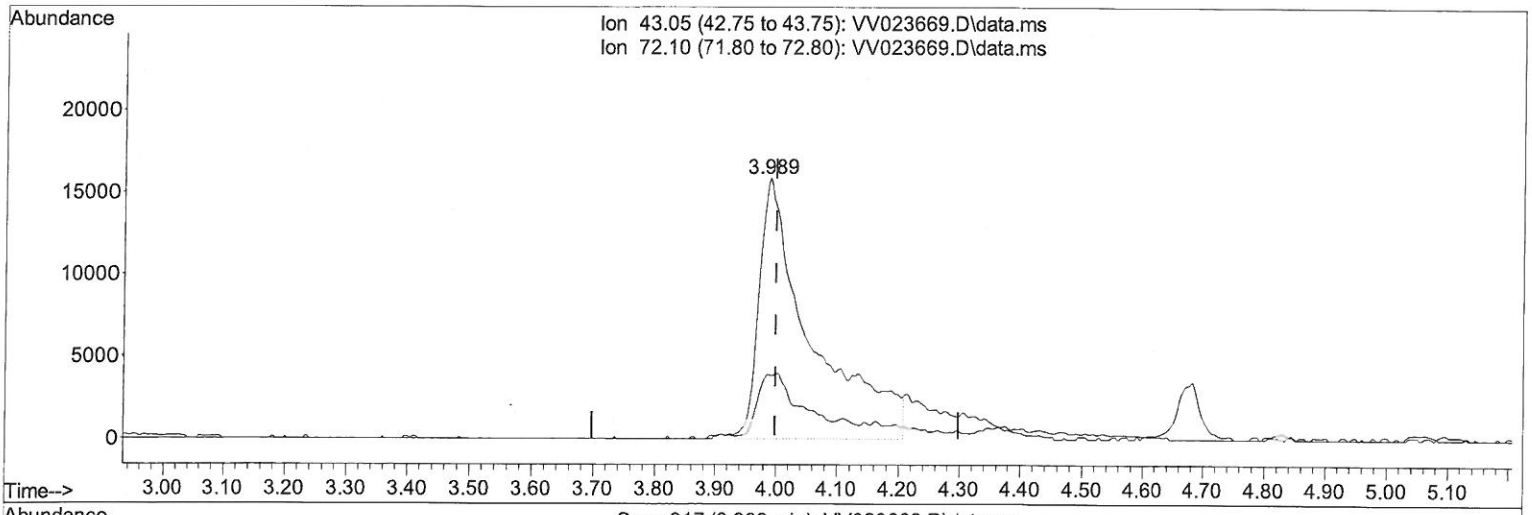

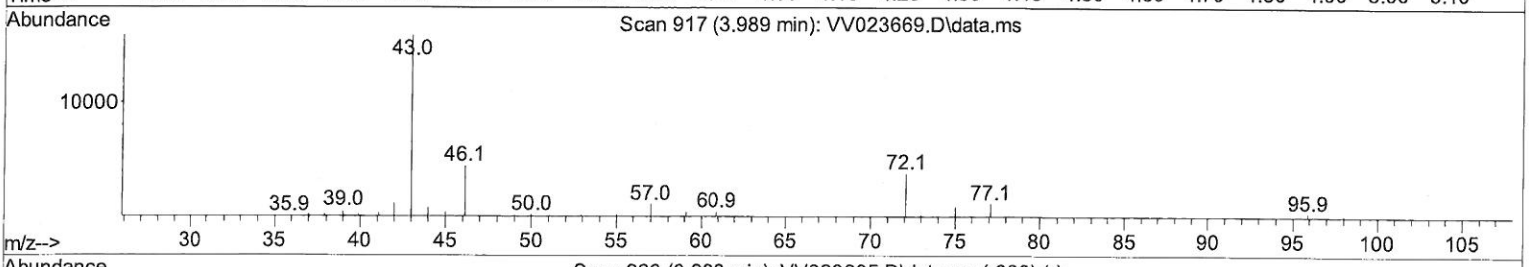

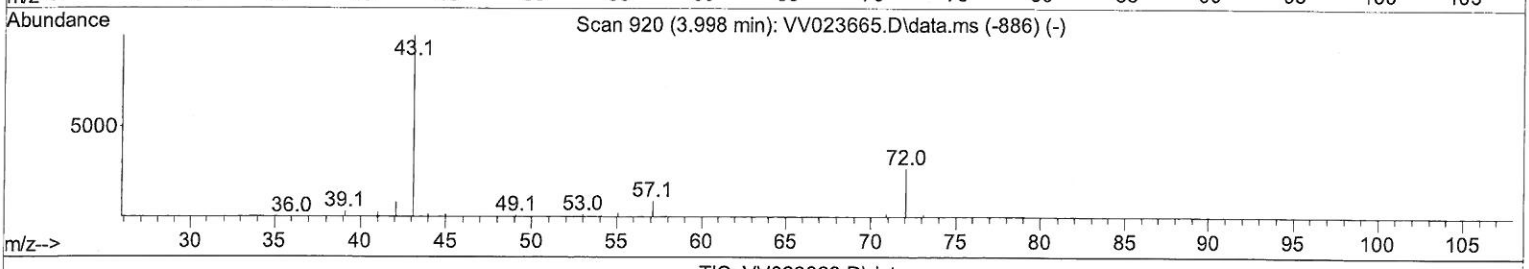

TIC: VV023669.D\data.ms

(21) 2-Butanone (T)

3.989min (-0.009) 55.06 ug/L m

response 94164

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	6.44#
0.00	0.00	0.00
0.00	0.00	0.00

SMD 12/01/21

Quantitation Report (QT Reviewed)

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Instrument :
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VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	152147	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	82312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55403	4.436	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.800%			
7) Chloroethane-d5	1.564	69	43422	4.423	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.400%			
11) 1,1-Dichloroethene-d2	2.108	63	100866	4.582	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.600%			
20) 2-Butanone-d5	3.905	46	80372m	53.528	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.060%			
24) Chloroform-d	4.346	84	102329	4.705	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
26) 1,2-Dichloroethane-d4	5.034	65	47411	4.666	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.400%			
32) Benzene-d6	5.050	84	198068	4.889	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
36) 1,2-Dichloropropane-d6	6.069	67	54388	4.789	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.800%			
41) Toluene-d8	7.313	98	195518	5.165	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.400%			
43) trans-1,3-Dichloroprop...	7.625	79	22467	4.908	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.200%			
46) 2-Hexanone-d5	8.092	63	78177	51.399	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.800%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39738	4.862	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	71738	4.930	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	70861	4.909	ug/L	100
3) Chloromethane	1.240	50	59040	4.705	ug/L	98
5) Vinyl chloride	1.307	62	63283	4.802	ug/L	98
6) Bromomethane	1.519	94	36358	4.865	ug/L	99
8) Chloroethane	1.584	64	38042	4.555	ug/L	96
9) Trichlorofluoromethane	1.751	101	102764	4.785	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	52835	4.910	ug/L	98
12) 1,1-Dichloroethene	2.117	96	49786	4.884	ug/L	96
13) Acetone	2.188	43	66036m	48.876	ug/L	
14) Carbon disulfide	2.294	76	168427	4.915	ug/L	98
15) Methyl Acetate	2.442	43	17047m	5.559	ug/L	
16) Methylene chloride	2.507	84	58925	4.051	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	107144	5.129	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	58284	5.020	ug/L	97
19) 1,1-Dichloroethane	3.188	63	96270	4.931	ug/L	99
21) 2-Butanone	3.989	43	94164m	55.064	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	58308	5.237	ug/L	100
23) Bromochloromethane	4.249	128	26753	5.120	ug/L	92

MD 12/01/21

MD 12/01/21

Quantitation Report (QT Reviewed)

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Data File : VV023669.D
Acq On : 23 Nov 2021 14:08
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 04:31:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:22:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.375	83	105241	4.839 ug/L	99
27) 1,2-Dichloroethane	5.130	62	56950	4.925 ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	98134	5.050 ug/L	99
30) Cyclohexane	4.677	56	84301	5.198 ug/L	99
31) Carbon tetrachloride	4.828	117	88604	4.977 ug/L	100
33) Benzene	5.098	78	217628	5.133 ug/L	100
34) Trichloroethene	5.915	95	58687	5.167 ug/L	97
35) Methylcyclohexane	6.130	83	95157	5.374 ug/L	95
37) 1,2-Dichloropropane	6.172	63	50513	5.012 ug/L	100
38) Bromodichloromethane	6.510	83	69583	5.087 ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	75184	5.242 ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	253193	52.629 ug/L	98
42) Toluene	7.387	91	247365	5.380 ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	64022	5.311 ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	36622	5.248 ug/L	98
47) Tetrachloroethene	7.976	164	52214	5.051 ug/L	97
48) 2-Hexanone	8.140	43	186948	52.576 ug/L	98
49) Dibromochloromethane	8.246	129	48836	5.107 ug/L	98
50) 1,2-Dibromoethane	8.352	107	35557	5.225 ug/L	97
51) Chlorobenzene	8.882	112	156409	5.131 ug/L	98
52) Ethylbenzene	9.011	91	253767	5.280 ug/L	99
53) m,p-xylene	9.136	106	100925	5.276 ug/L	96
54) o-xylene	9.542	106	96157	5.286 ug/L	99
55) Styrene	9.561	104	164950	5.382 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	40803	5.255 ug/L	96
59) Bromoform	9.731	173	26802	4.930 ug/L	99
60) Isopropylbenzene	9.931	105	263795	5.367 ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28217	4.834 ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	219346	5.363 ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	220660	5.456 ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	133450	5.311 ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	130853	5.181 ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	118842	5.168 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5958	5.140 ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	104222	5.312 ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	79546	5.225 ug/L	99
71) Naphthalene	13.503	128	109908	5.365 ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	70917	5.376 ug/L	99

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