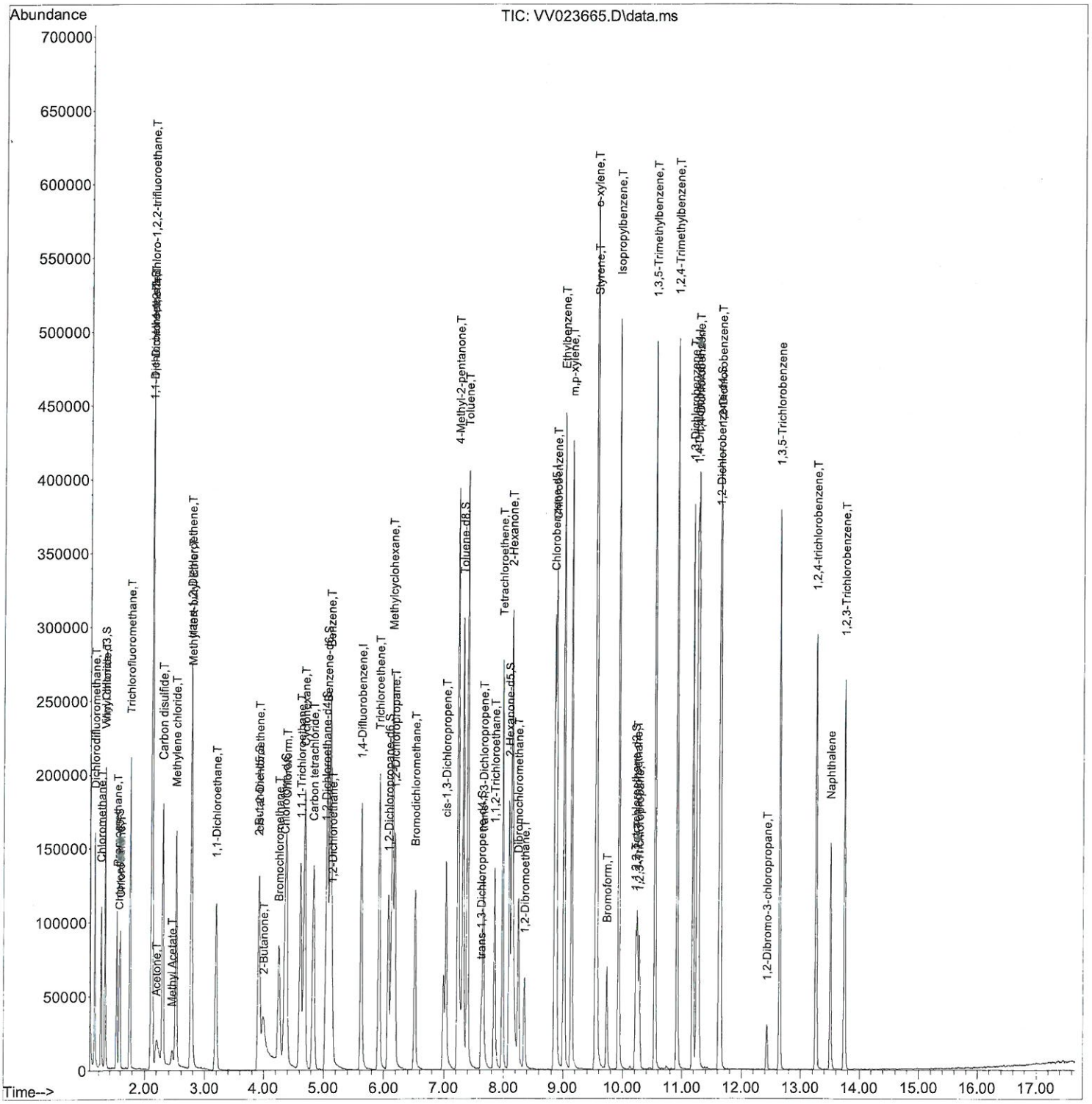
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023665.D
Acq On : 23 Nov 2021 12:21
Operator : SY/MD
Sample : VSTD00555
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 24 03:43:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 03:41:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

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Data File : VV023665.D
Acq On : 23 Nov 2021 12:21
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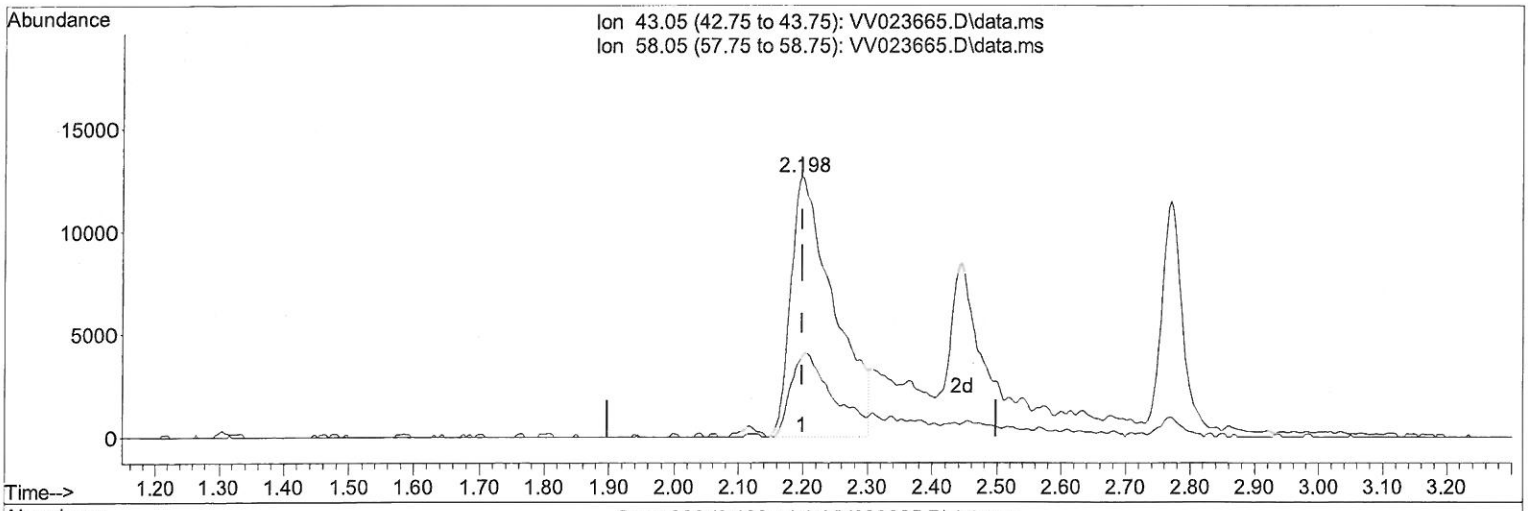

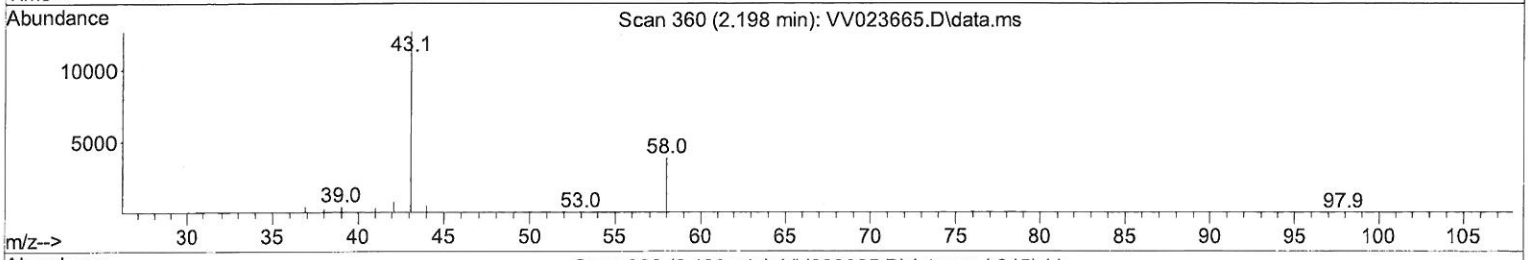

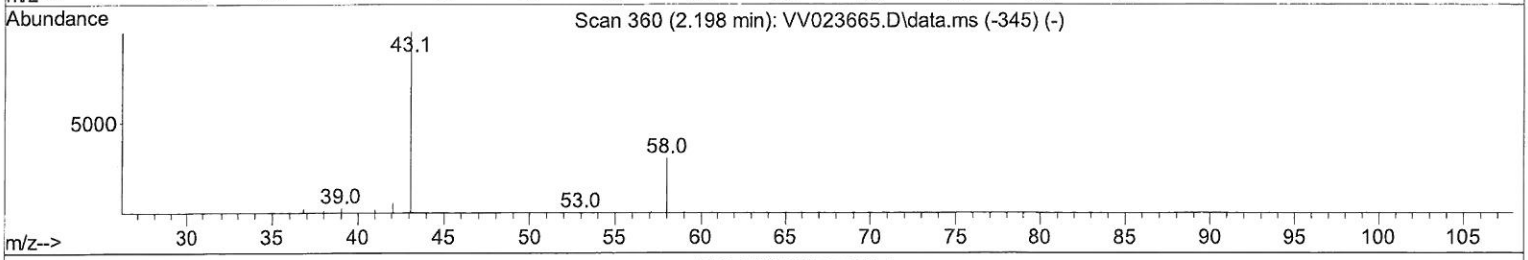

TIC: VV023665.D\data.ms

(13) Acetone (T)

2.198min (0.000) 50.55 ug/L

response 58040

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	26.38
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
ClientSampleId :
VSTD005255

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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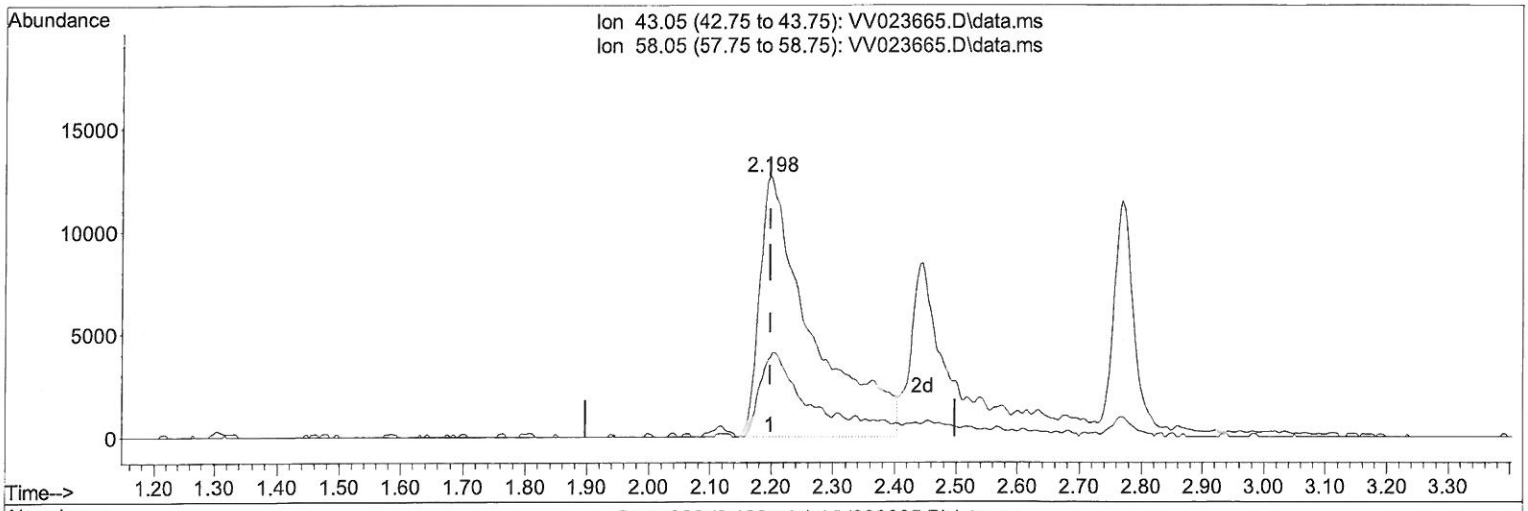

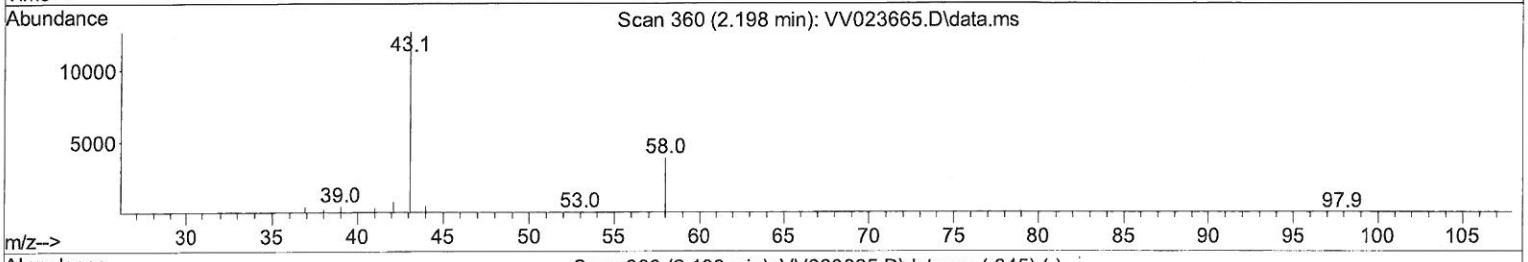

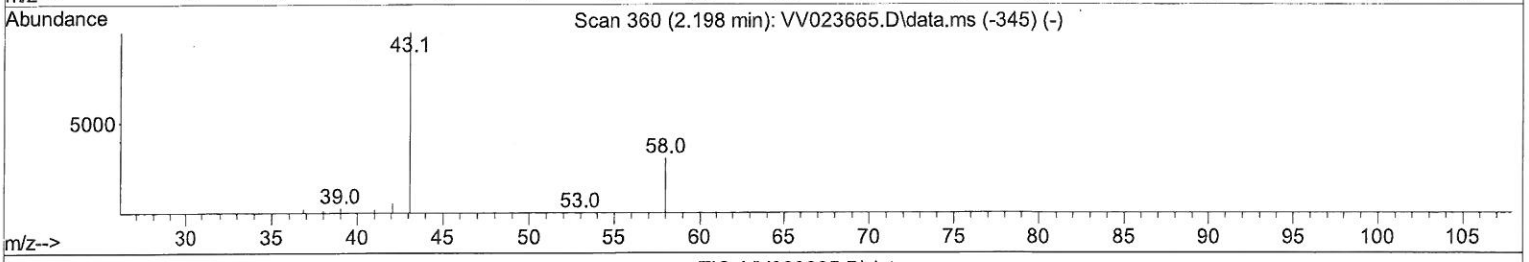

TIC: VV023665.D\data.ms

(13) Acetone (T)

2.198min (0.000) 64.56 ug/L m

response 74128

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	20.65
0.00	0.00	0.00
0.00	0.00	0.00

MD 12/01/21

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 03:41:43 2021
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Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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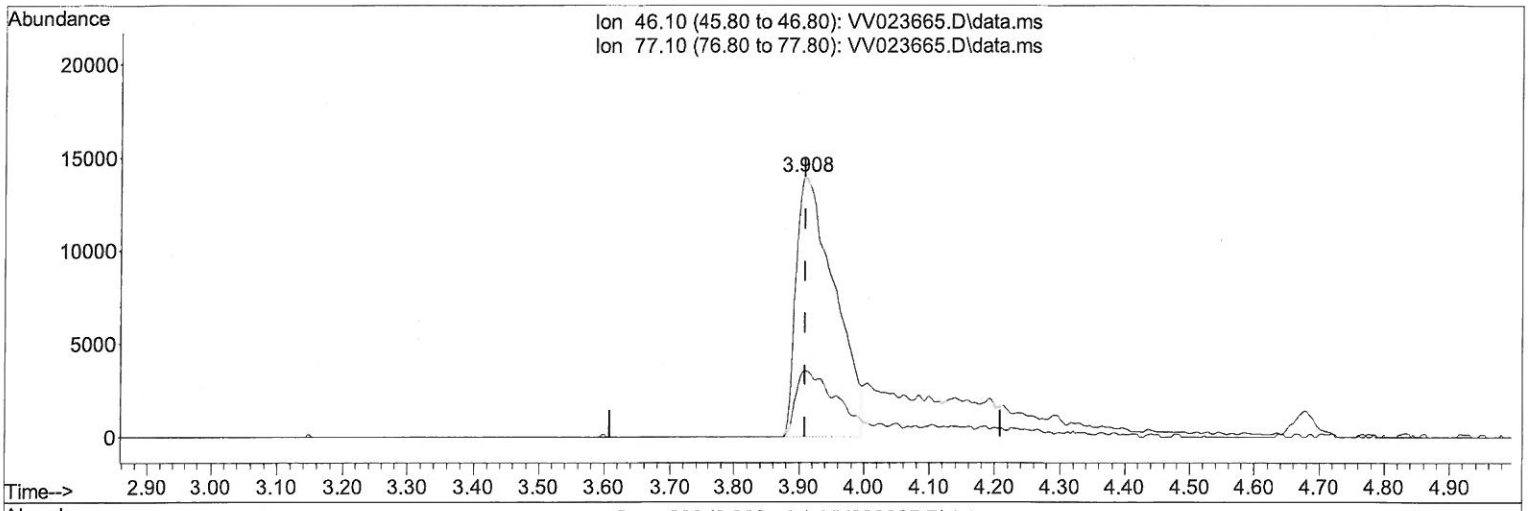

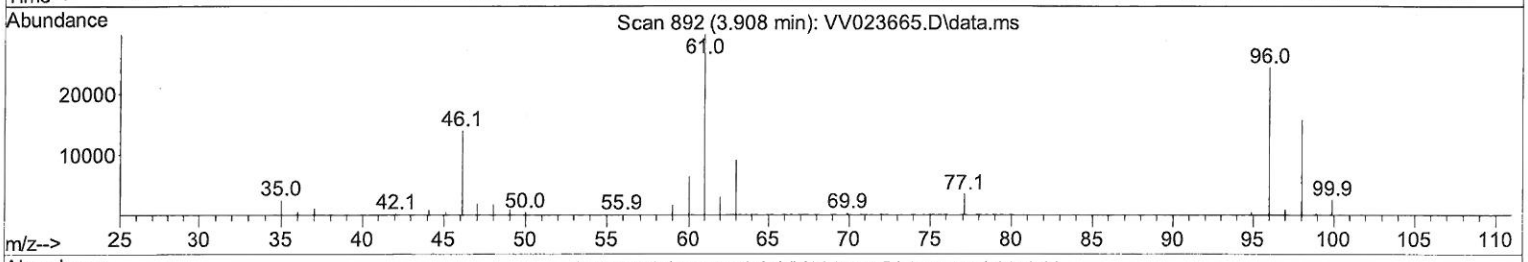

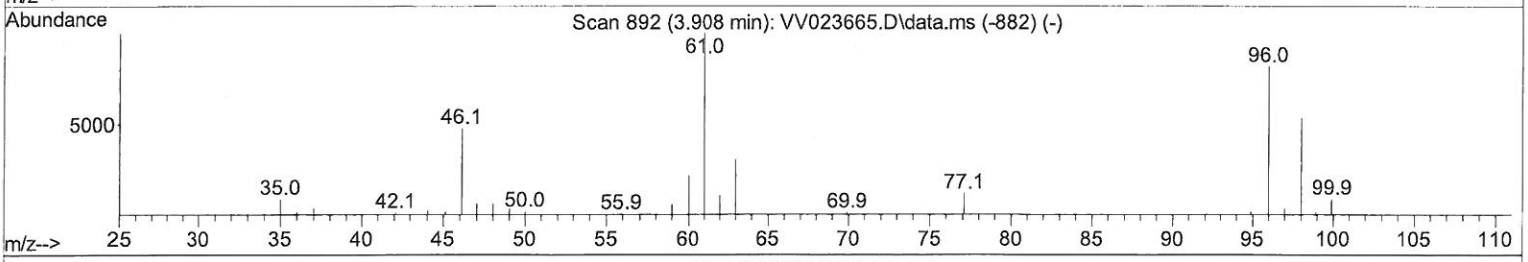

TIC: VV023665.D\data.ms

(20) 2-Butanone-d5 (S)

3.908min (0.000) 34.00 ug/L

response 57110

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	12.16
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 : VV023665.D
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Sample : VSTD00555
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 03:41:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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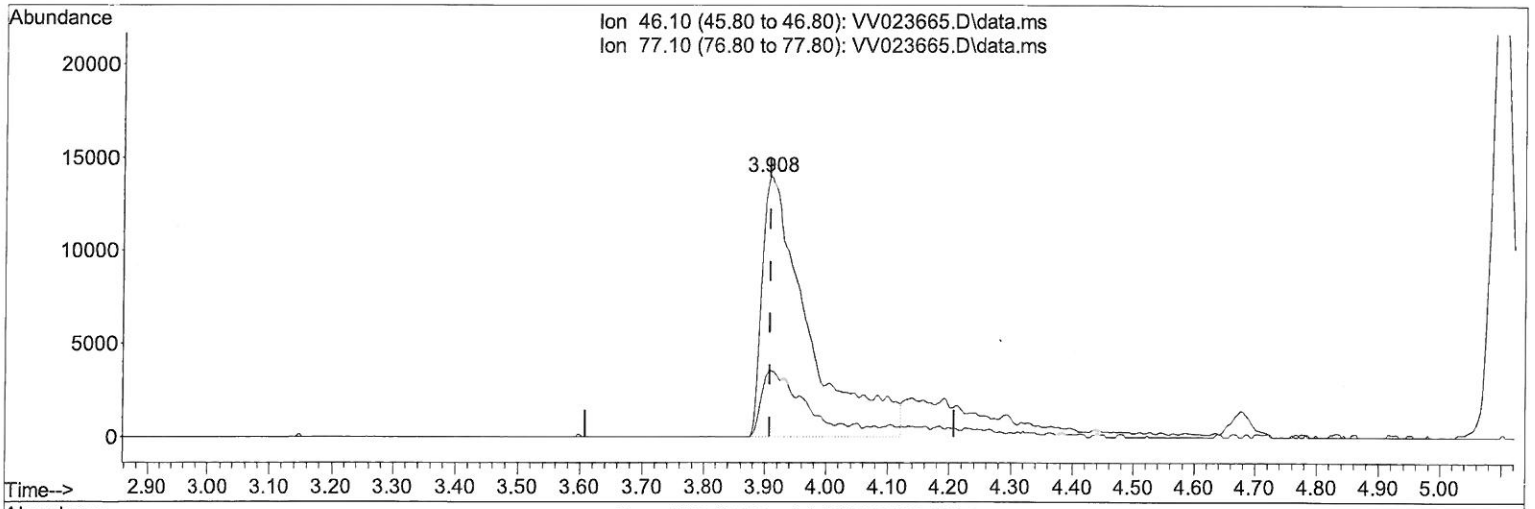

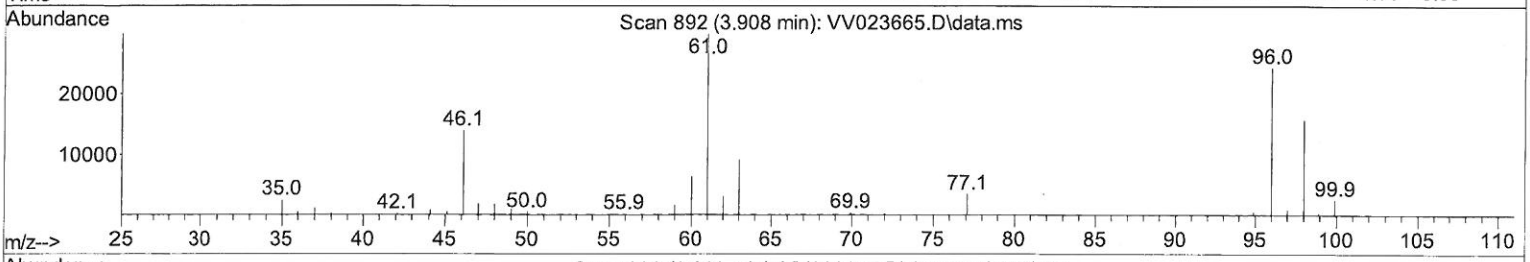

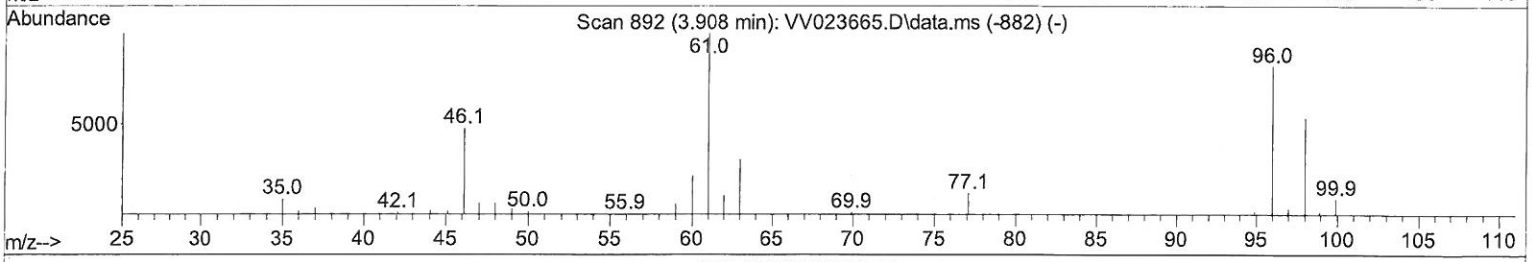

TIC: VV023665.D\data.ms

(20) 2-Butanone-d5 (S)

3.908min (0.000) 44.01 ug/L m

response 73917

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	9.39
0.00	0.00	0.00
0.00	0.00	0.00

MD 12/01/21

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
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Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

Manual IntegrationsAPPROVED

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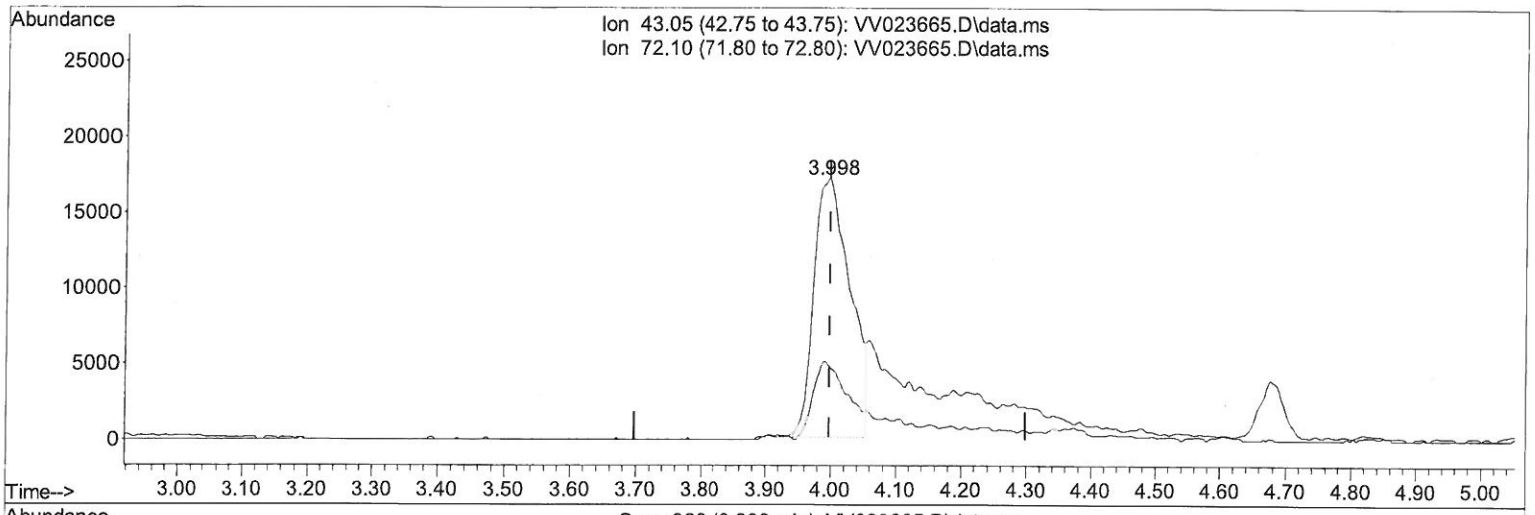
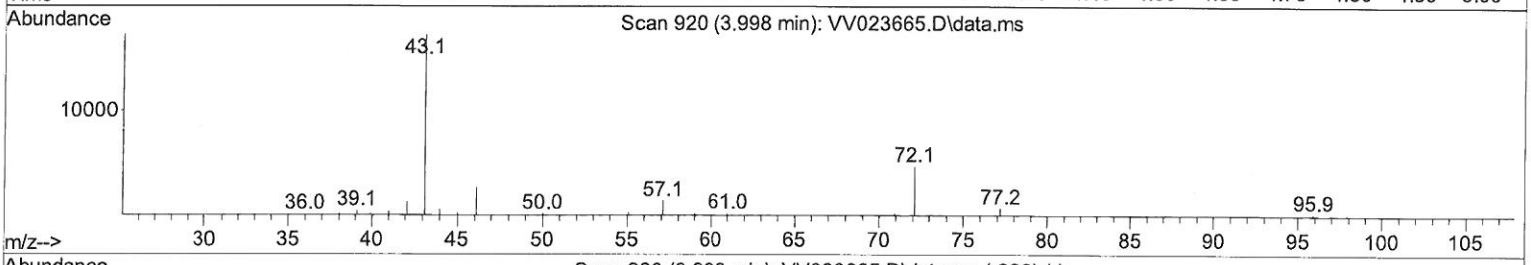
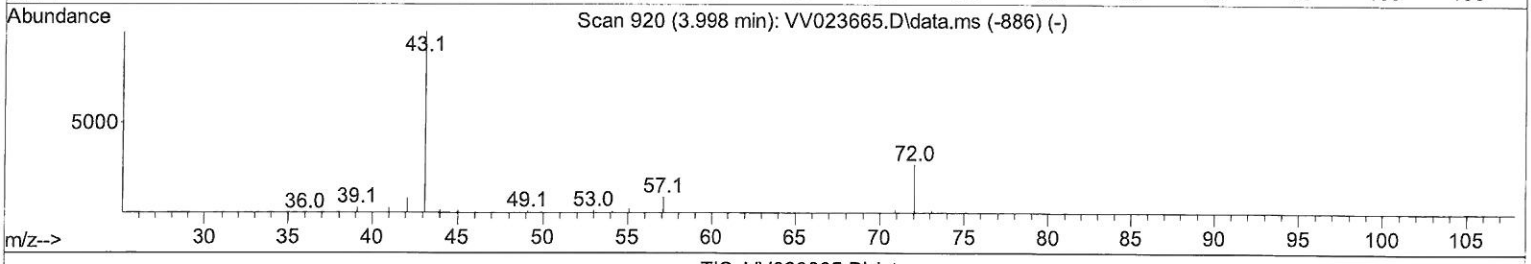






TIC: VV023665.D\data.ms

(21) 2-Butanone (T)

3.998min (0.000) 37.79 ug/L

response 65825

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	32.02
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

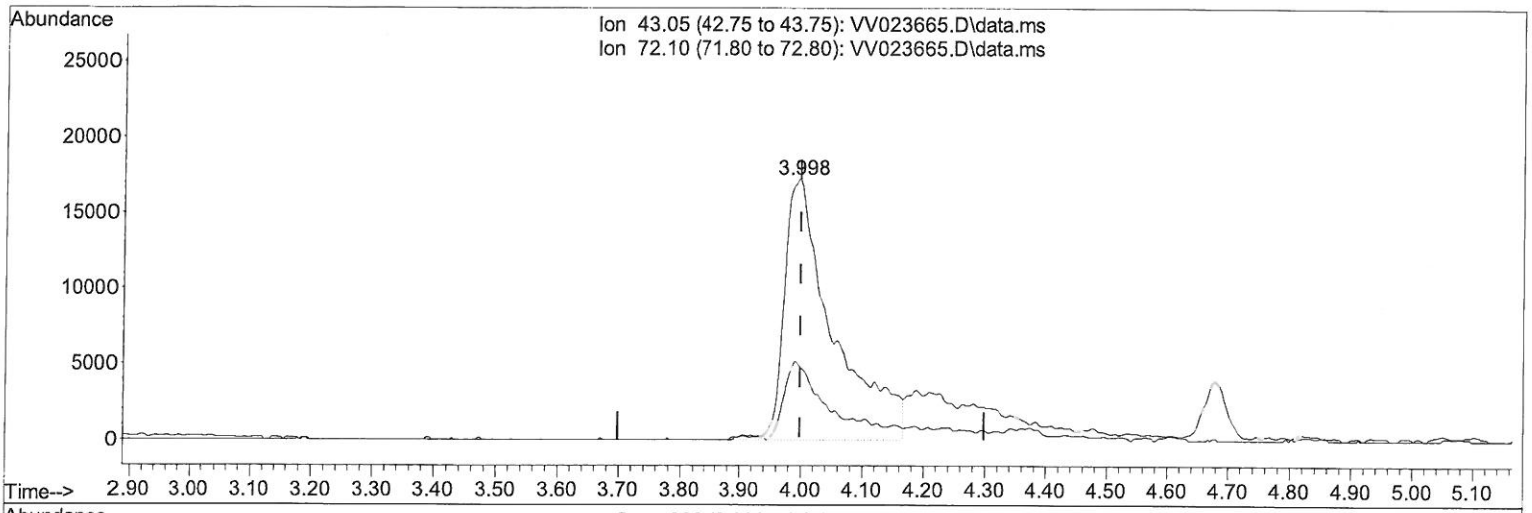
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023665.D
Acq On : 23 Nov 2021 12:21
Operator : SY/MD
Sample : VSTD00555
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

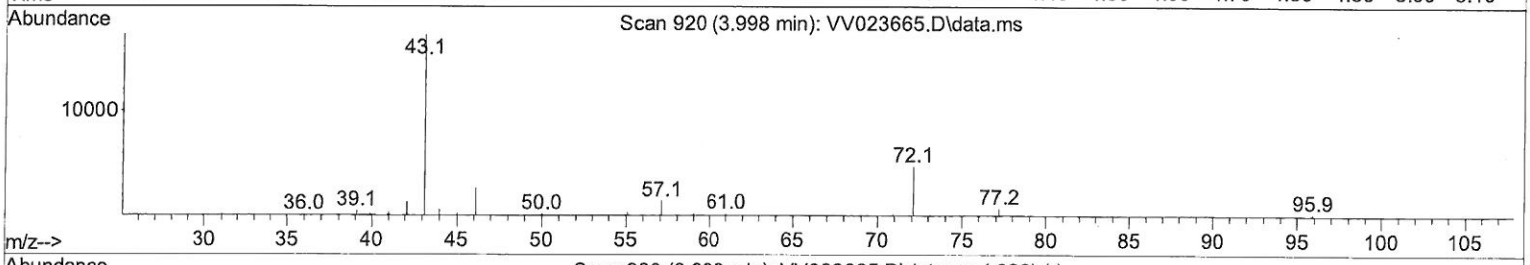
Quant Time: Nov 24 03:43:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 03:41:43 2021
Response via : Initial Calibration

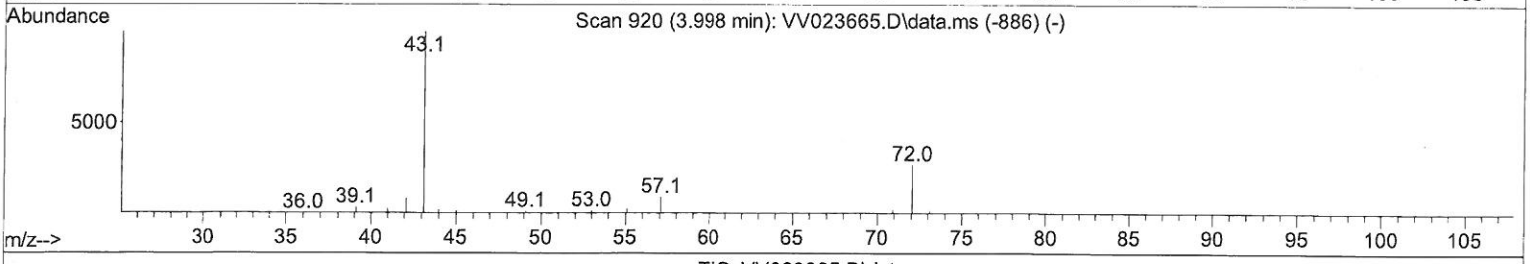
Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

Manual IntegrationsAPPROVED

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







TIC: VV023665.D\data.ms

(21) 2-Butanone (T)

3.998min (0.000) 54.42 ug/L m

response 94791

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	22.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

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	5.619	114	161910	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	162106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	91564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56971	5.549	ug/L	0.00
7) Chloroethane-d5	1.568	69	43585	5.272	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	108894	5.633	ug/L	0.00
20) 2-Butanone-d5	3.908	46	73917m	44.011	ug/L	0.00
24) Chloroform-d	4.349	84	101829	4.842	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	46675	4.902	ug/L	0.00
32) Benzene-d6	5.050	84	196877	4.841	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	54666	4.606	ug/L	0.00
41) Toluene-d8	7.316	98	194871	5.084	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	22937	5.024	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	77113	47.127	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39932	4.683	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	70211	4.720	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	82259	5.219	ug/L	100
3) Chloromethane	1.240	50	70417	5.232	ug/L	100
5) Vinyl chloride	1.310	62	74461	5.482	ug/L	100
6) Bromomethane	1.523	94	41239	4.901	ug/L	100
8) Chloroethane	1.587	64	44764	5.647	ug/L	100
9) Trichlorofluoromethane	1.754	101	122309	5.881	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	60910	5.832	ug/L	100
12) 1,1-Dichloroethene	2.121	96	58572	5.857	ug/L	100
13) Acetone	2.198	43	74128m	64.559	ug/L	
14) Carbon disulfide	2.294	76	196771	5.365	ug/L	100
15) Methyl Acetate	2.445	43	16309	5.247	ug/L	100
16) Methylene chloride	2.506	84	67575	4.738	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	121456	5.613	ug/L	100
18) trans-1,2-Dichloroethene	2.760	96	66134	5.500	ug/L	100
19) 1,1-Dichloroethane	3.191	63	112045	5.522	ug/L	100
21) 2-Butanone	3.998	43	94791m	54.418	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	65000	5.594	ug/L	100
23) Bromochloromethane	4.249	128	30157	5.635	ug/L	100
25) Chloroform	4.374	83	124832	5.696	ug/L	100
27) 1,2-Dichloroethane	5.133	62	68615	5.866	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	115657	5.717	ug/L	100
30) Cyclohexane	4.680	56	97856	5.464	ug/L	100
31) Carbon tetrachloride	4.828	117	106751	5.841	ug/L	100
33) Benzene	5.101	78	257319	5.603	ug/L	100
34) Trichloroethene	5.915	95	67848	5.518	ug/L	100
35) Methylcyclohexane	6.130	83	107479	5.541	ug/L	100
37) 1,2-Dichloropropane	6.172	63	59913	5.604	ug/L	100
38) Bromodichloromethane	6.509	83	82528	5.663	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	86594	5.585	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	302741	59.764	ug/L	100
42) Toluene	7.387	91	292237	5.902	ug/L	100

> MD 12/01/21

> MD 12/01/21

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Quantitation Report (QT Reviewed)

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Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005255

Manual IntegrationsAPPROVED

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

Quant Time: Nov 24 03:43:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 03:41:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.651	75	74129	5.782	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	44171	5.658	ug/L	100
47) Tetrachloroethene	7.976	164	62704	5.837	ug/L	100
48) 2-Hexanone	8.140	43	228843	64.947	ug/L	100
49) Dibromochloromethane	8.246	129	59008	5.931	ug/L	100
50) 1,2-Dibromoethane	8.355	107	42576	5.921	ug/L	100
51) Chlorobenzene	8.882	112	185962	5.658	ug/L	100
52) Ethylbenzene	9.011	91	299851	5.734	ug/L	100
53) m,p-xylene	9.140	106	123130	5.954	ug/L	100
54) o-xylene	9.545	106	114014	5.912	ug/L	100
55) Styrene	9.561	104	202665	6.115	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	48211	5.683	ug/L	100
59) Bromoform	9.731	173	33094	5.874	ug/L	100
60) Isopropylbenzene	9.931	105	311545	5.800	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	34814	5.642	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	255310	5.728	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	261096	5.883	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	155255	5.681	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	154695	5.556	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	140874	5.732	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	7161	5.470	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	118662	5.518	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	91708	5.360	ug/L	100
71) Naphthalene	13.503	128	122298	4.936	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	81397	5.446	ug/L	100

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