Quantitation Report (QT Reviewed)

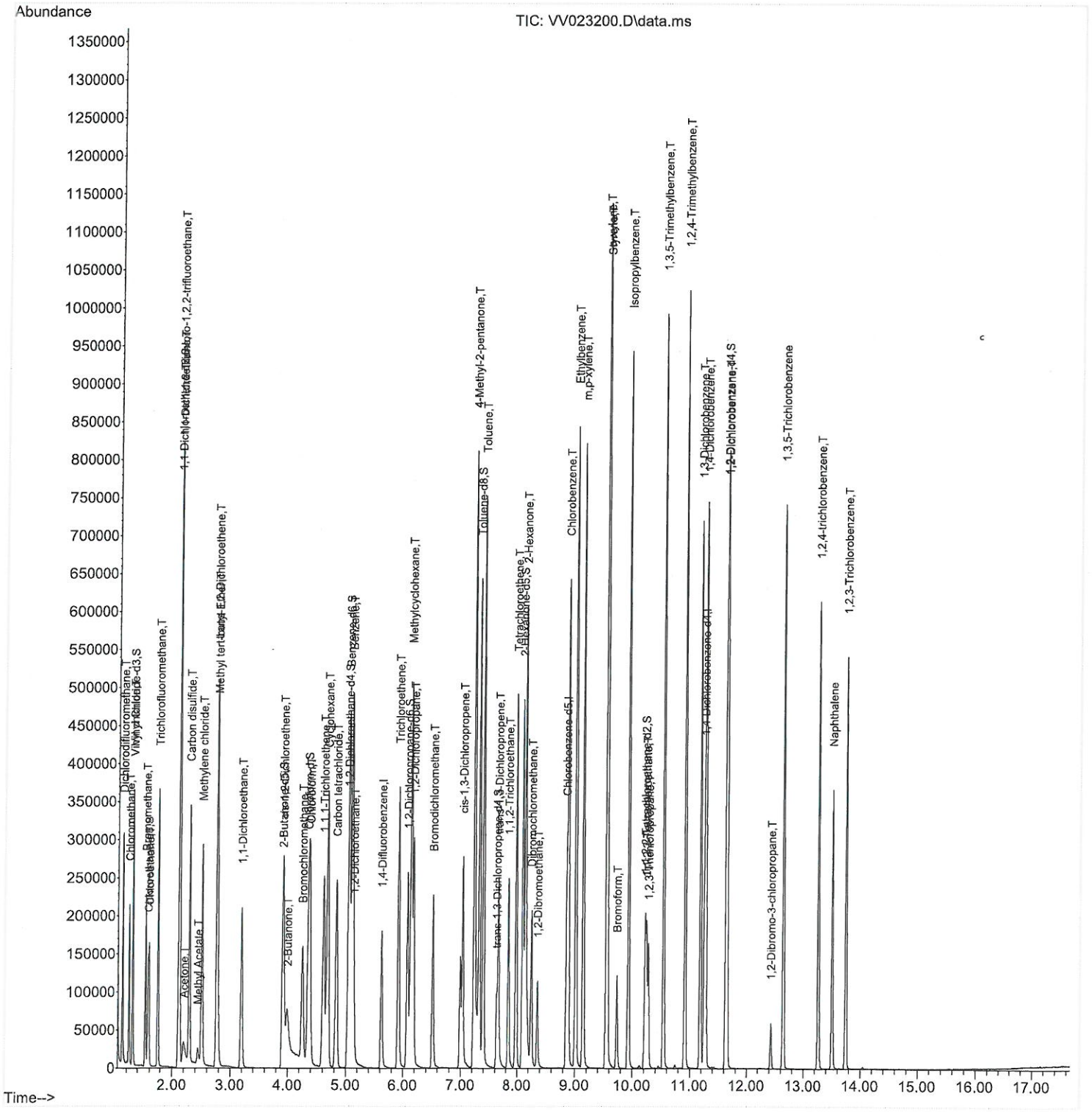
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023200.D
Acq On : 04 Nov 2021 13:32
Operator : SY/MD
Sample : VSTD01050
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 08 12:56:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023200.D
Acq On : 04 Nov 2021 13:32
Operator : SY/MD
Sample : VSTD01050
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 08 12:56:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/11/2021
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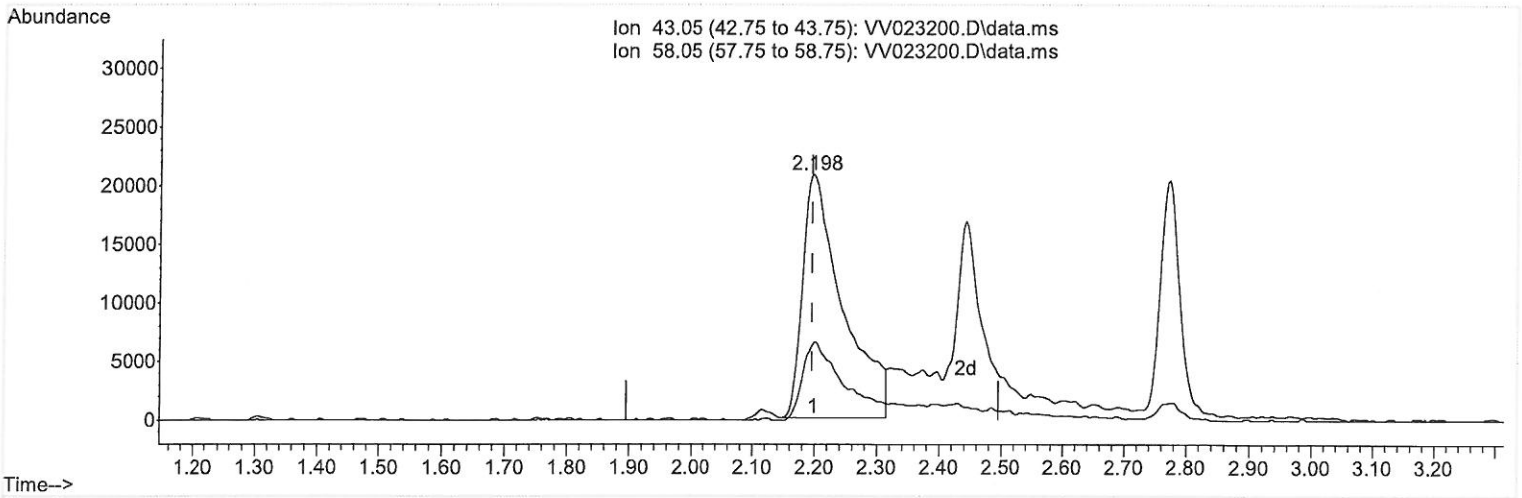

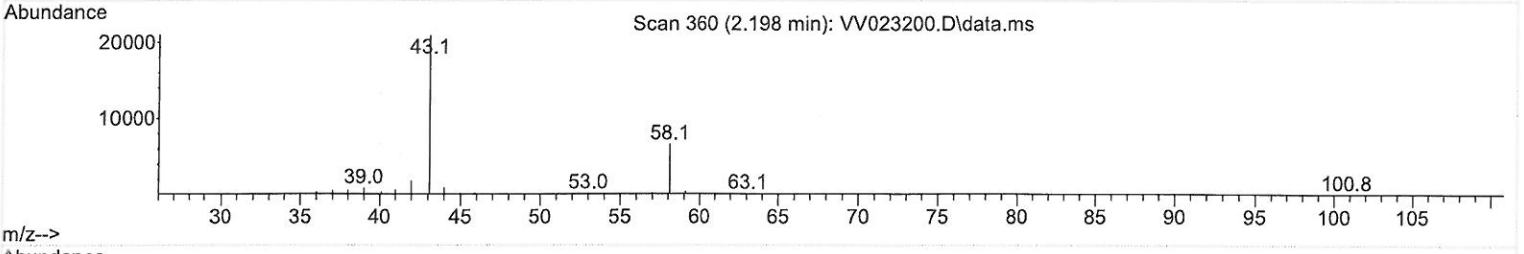

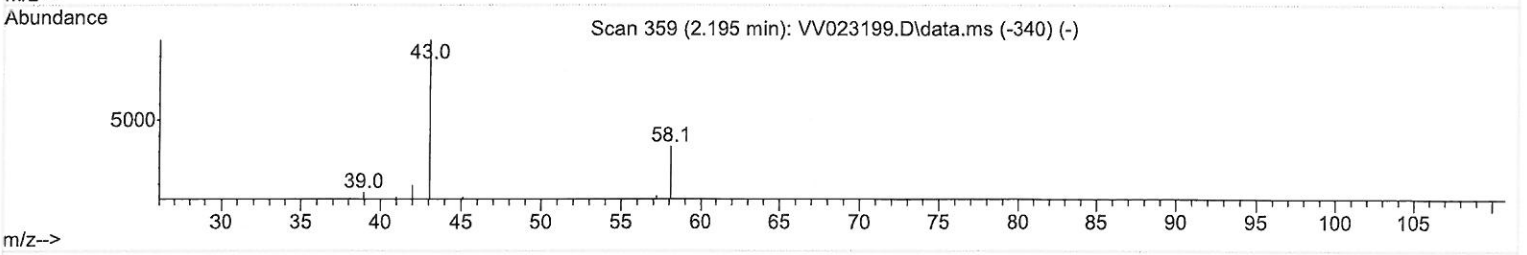

TIC: VV023200.D\data.ms

(13) Acetone (T)

2.198min (+ 0.003) 84.91 ug/L

response 92358

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	33.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023200.D
Acq On : 04 Nov 2021 13:32
Operator : SY/MD
Sample : VSTD01050
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 08 12:56:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/11/2021
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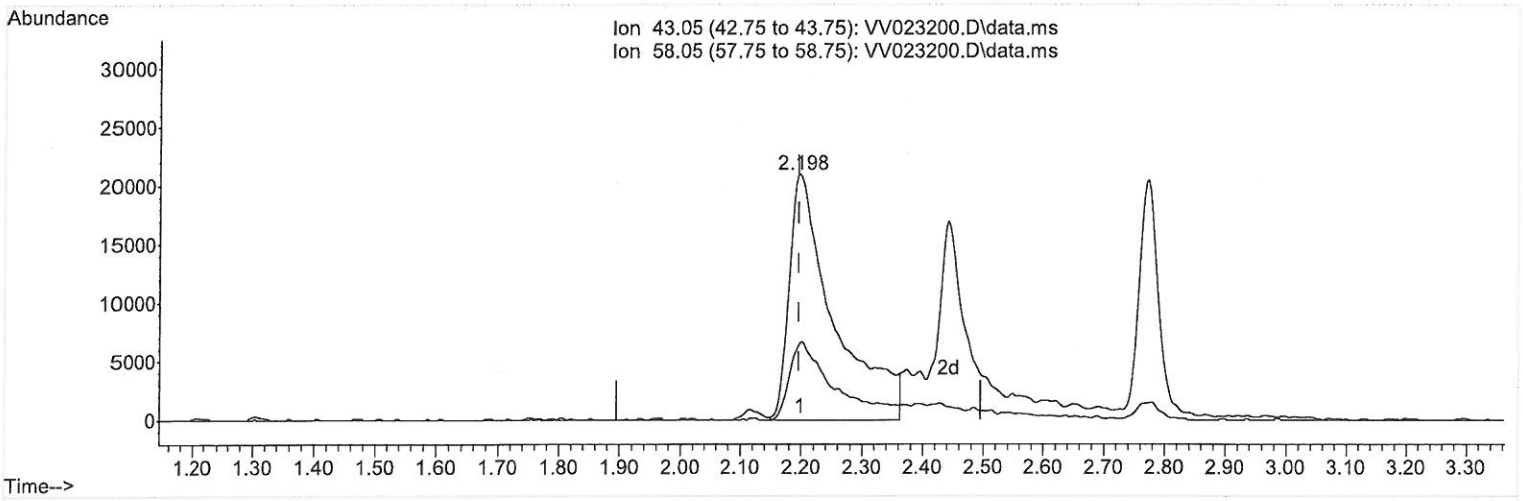
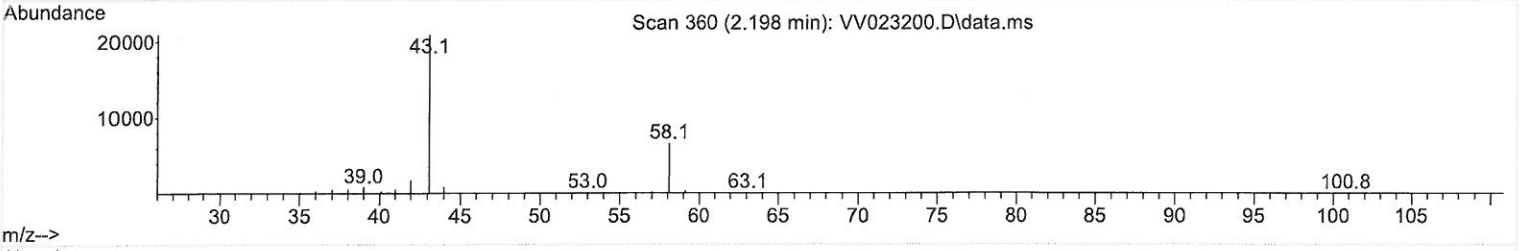
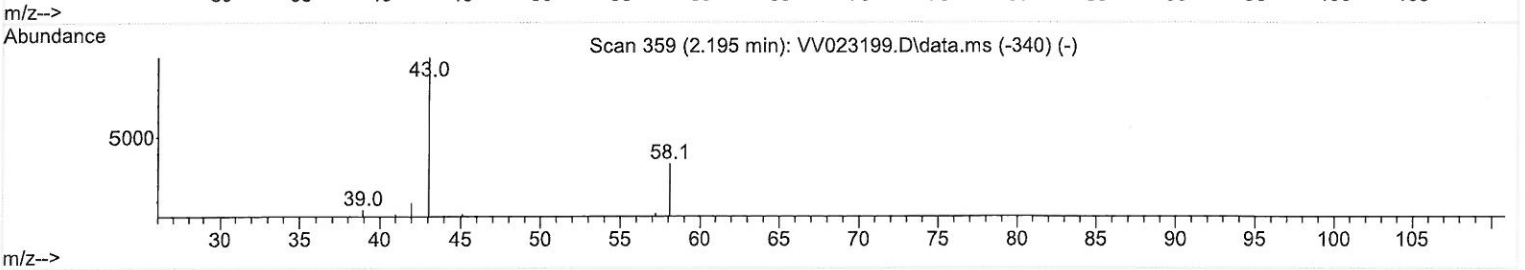






TIC: VV023200.D\data.ms

(13) Acetone (T)

2.198min (+ 0.003) 97.82 ug/L m

response 106400

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	29.22
0.00	0.00	0.00
0.00	0.00	0.00

SM 11/19/21

Quantitation Report (Qedit)

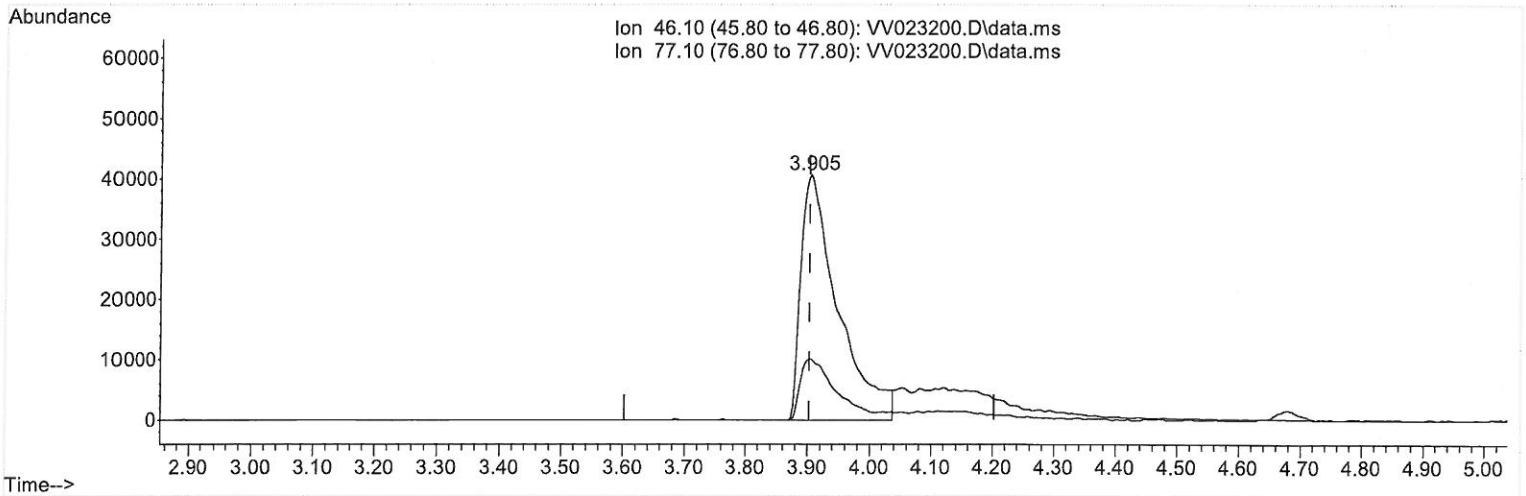
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023200.D
Acq On : 04 Nov 2021 13:32
Operator : SY/MD
Sample : VSTD01050
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

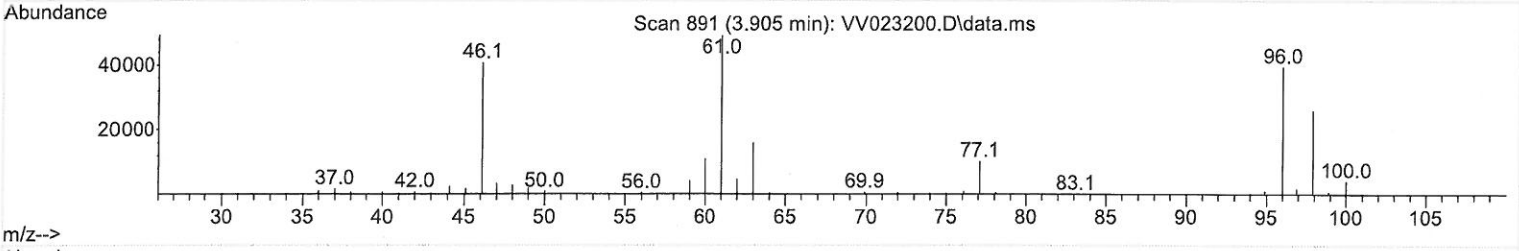
Quant Time: Nov 08 12:56:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

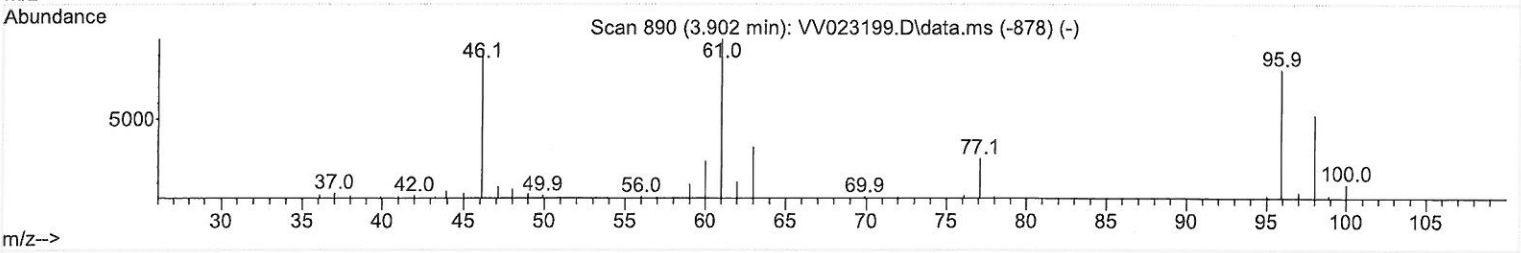
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

Manual IntegrationsAPPROVED

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







TIC: VV023200.D\data.ms

(20) 2-Butanone-d5 (S)

3.905min (+ 0.003) 75.50 ug/L

response 167376

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	23.98
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

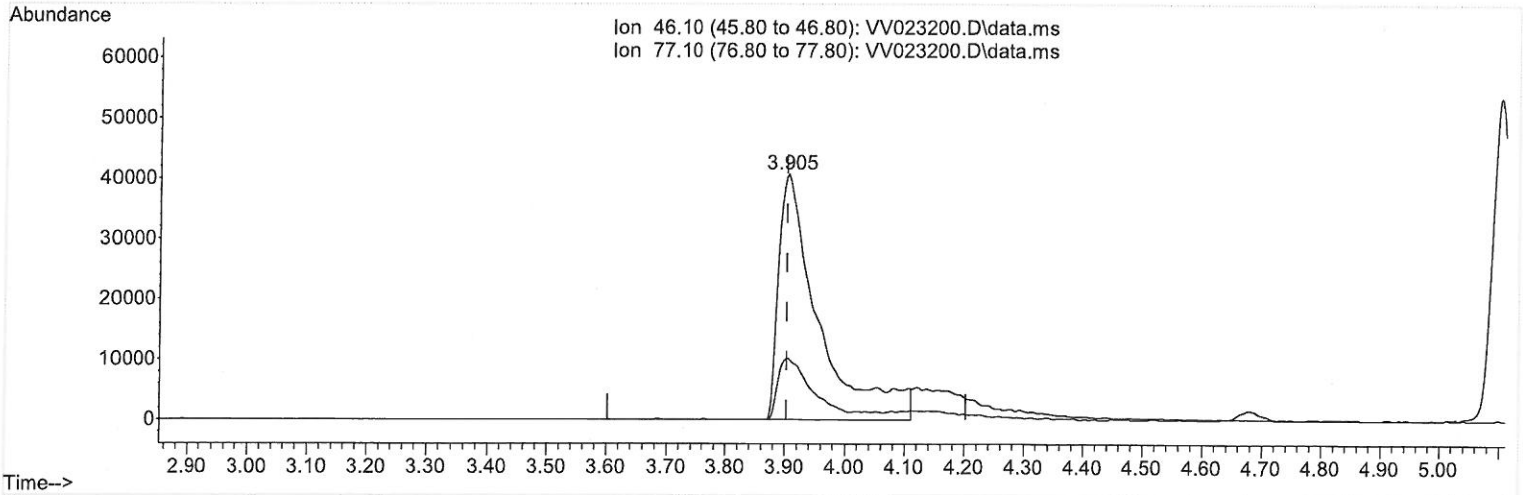
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023200.D
Acq On : 04 Nov 2021 13:32
Operator : SY/MD
Sample : VSTD01050
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

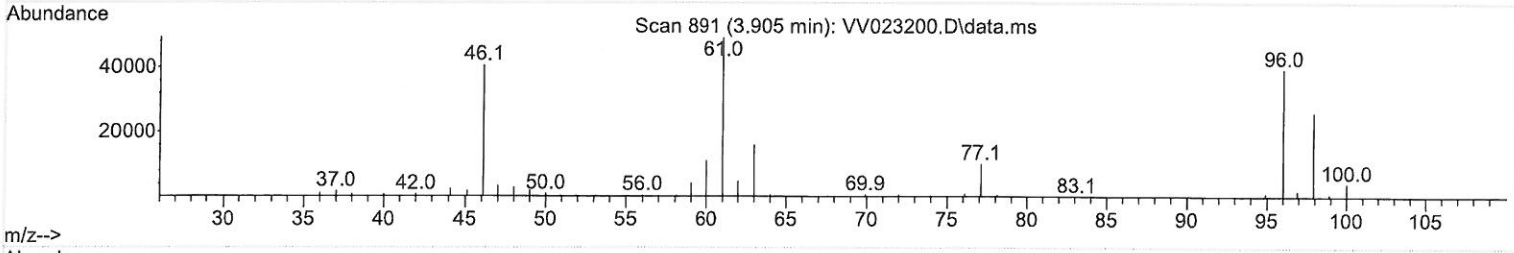
Quant Time: Nov 08 12:56:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

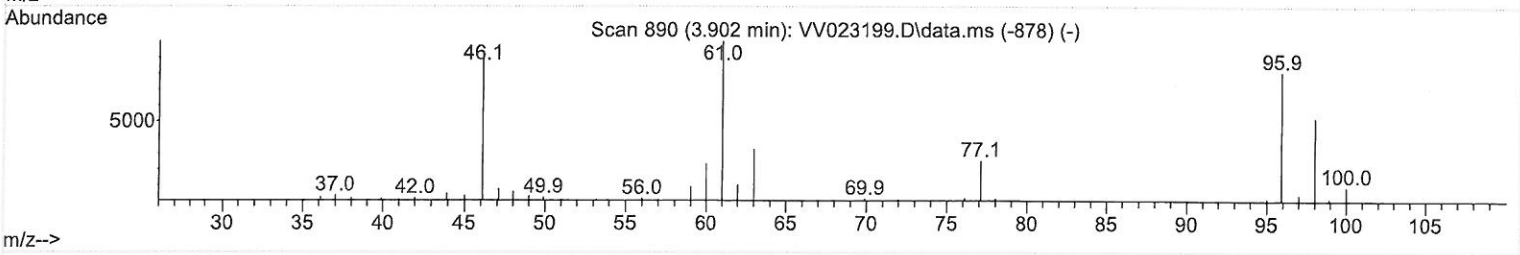
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

Manual IntegrationsAPPROVED

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







TIC: VV023200.D\data.ms

(20) 2-Butanone-d5 (S)

3.905min (+ 0.003) 85.48 ug/L m

response 189516

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	21.18
0.00	0.00	0.00
0.00	0.00	0.00

2 MD 11/19/21

Quantitation Report (Qedit)

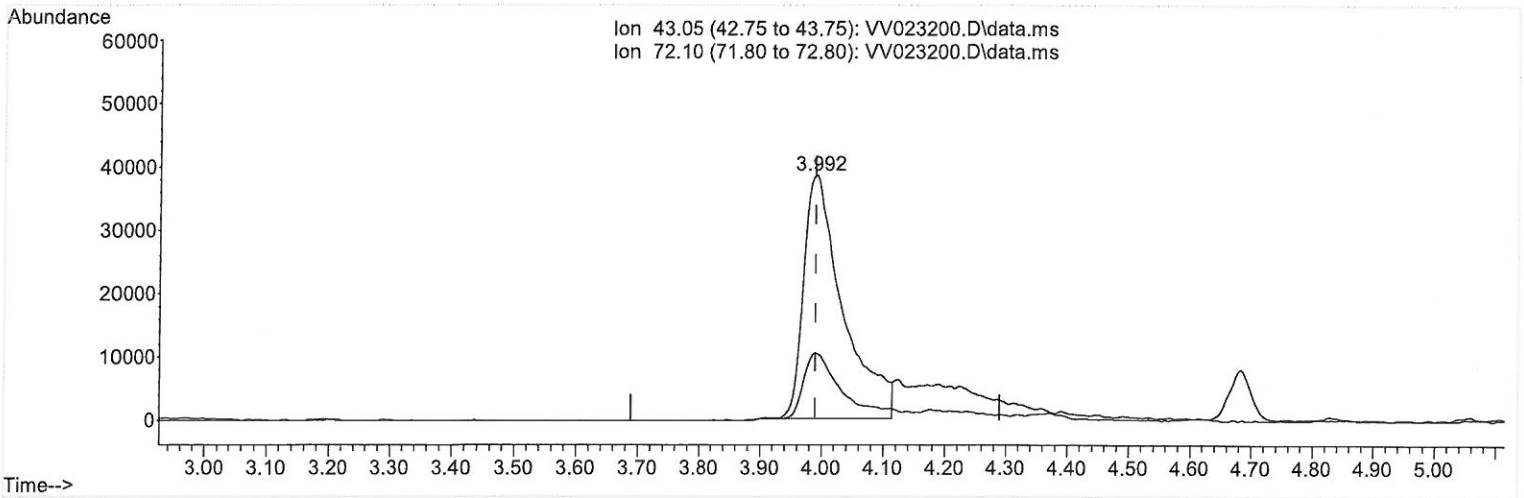
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023200.D
Acq On : 04 Nov 2021 13:32
Operator : SY/MD
Sample : VSTD01050
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

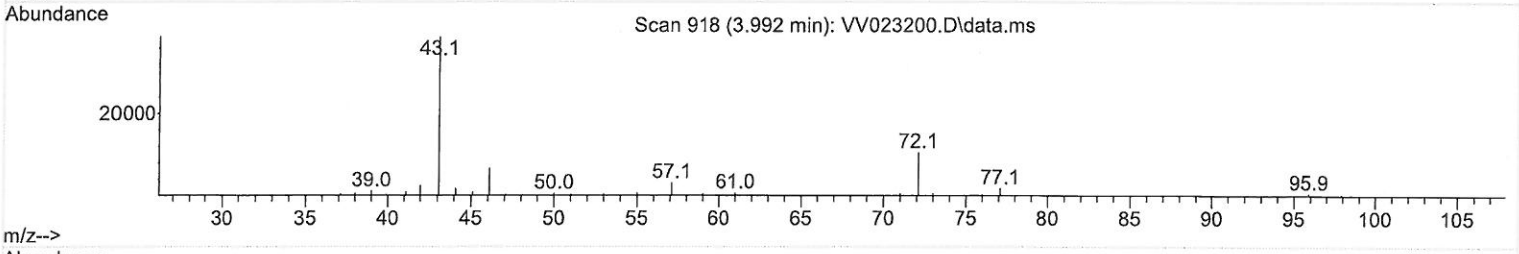
Quant Time: Nov 08 12:56:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

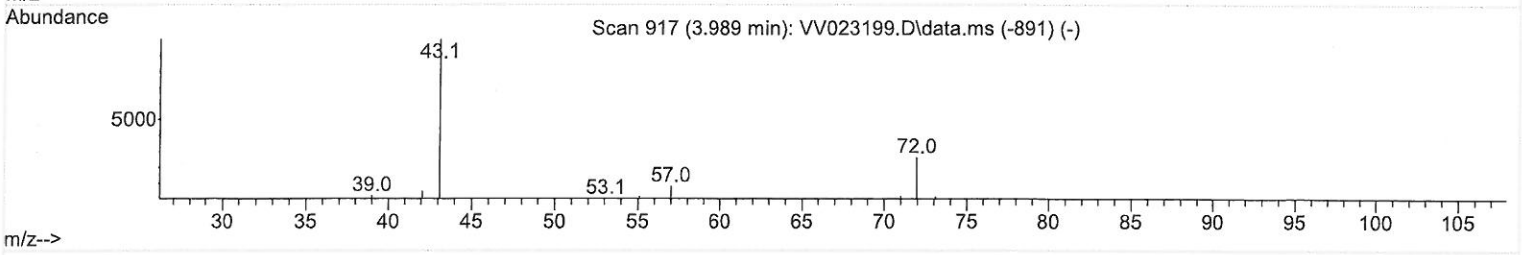
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

Manual IntegrationsAPPROVED

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







TIC: VV023200.D\data.ms

(21) 2-Butanone (T)

3.992min (+ 0.003) 80.33 ug/L

response 171044

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	25.17
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

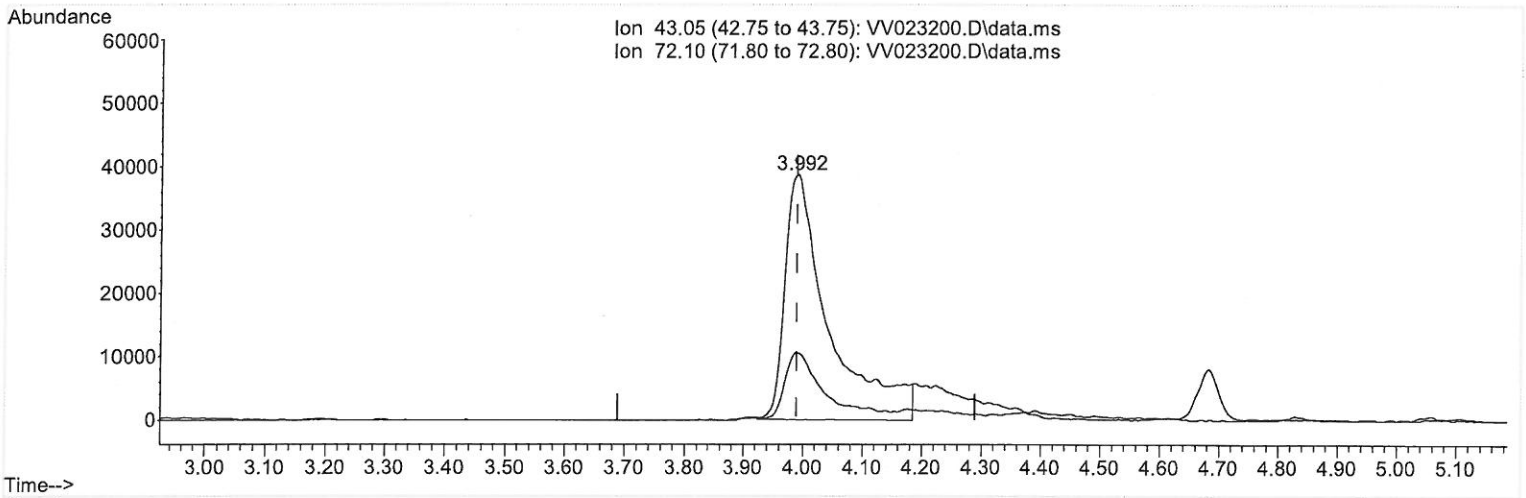
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023200.D
Acq On : 04 Nov 2021 13:32
Operator : SY/MD
Sample : VSTD01050
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

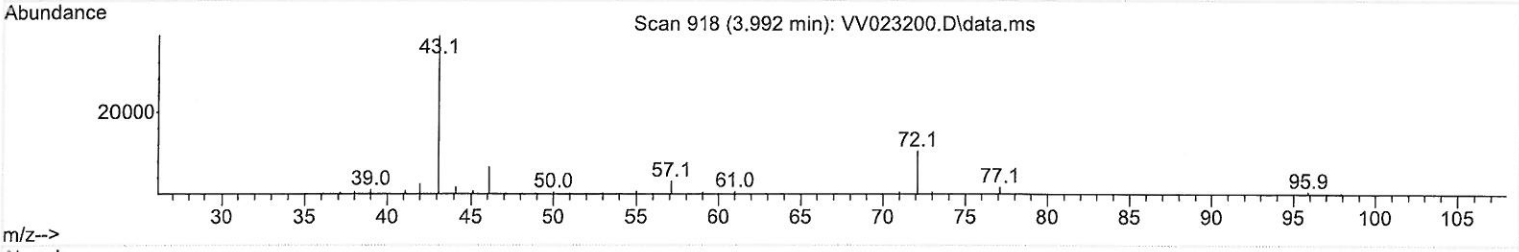
Quant Time: Nov 08 12:56:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

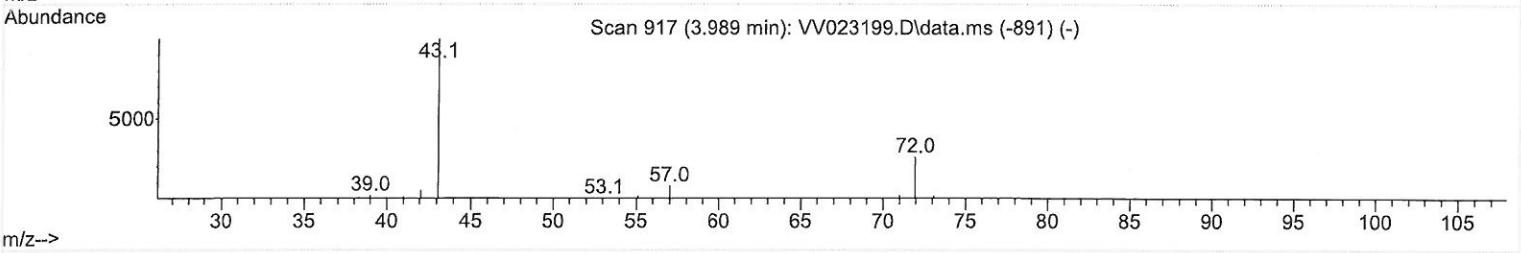
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

Manual IntegrationsAPPROVED

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







TIC: VV023200.D\data.ms

(21) 2-Butanone (T)

3.992min (+ 0.003) 92.88 ug/L m

response 197773

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	21.76
0.00	0.00	0.00
0.00	0.00	0.00

SMD 11/19/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023200.D
Acq On : 04 Nov 2021 13:32
Operator : SY/MD
Sample : VSTD01050
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 08 12:56:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.622	114	158159	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.853	117	154688	5.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87875	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.307	65	100831	7.30	ug/L		0.00
7) Chloroethane-d5	1.568	69	81384	9.52	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.111	63	189965	9.53	ug/L		0.00
20) 2-Butanone-d5	3.905	46	189516m	85.48	ug/L		0.00
24) Chloroform-d	4.352	84	217371	9.67	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.037	65	99207	9.37	ug/L		0.00
32) Benzene-d6	5.053	84	425187	9.41	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.072	67	121846	8.76	ug/L		0.00
41) Toluene-d8	7.317	98	412690	10.17	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.625	79	48883	10.04	ug/L		0.00
46) 2-Hexanone-d5	8.091	63	203223	112.69	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	88814	9.25	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	152178	9.71	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.127	85	164264	16.37	ug/L		98
3) Chloromethane	1.240	50	137279	12.66	ug/L		97
5) Vinyl chloride	1.310	62	137512	12.28	ug/L		100
6) Bromomethane	1.523	94	89326	15.78	ug/L		98
8) Chloroethane	1.587	64	80421	13.73	ug/L		99
9) Trichlorofluoromethane	1.754	101	207734	13.74	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	105273	12.21	ug/L		98
12) 1,1-Dichloroethene	2.121	96	100432	12.40	ug/L		88
13) Acetone	2.198	43	106400m	97.82	ug/L		
14) Carbon disulfide	2.294	76	382946	17.37	ug/L		100
15) Methyl Acetate	2.442	43	39705	9.60	ug/L	#	89
16) Methylene chloride	2.510	84	122148	13.73	ug/L		98
17) Methyl tert-butyl Ether	2.773	73	235124	12.16	ug/L		96
18) trans-1,2-Dichloroethene	2.764	96	125612	14.53	ug/L		97
19) 1,1-Dichloroethane	3.195	63	212399	13.37	ug/L		97
21) 2-Butanone	3.992	43	197773m	92.88	ug/L		
22) cis-1,2-Dichloroethene	3.918	96	125185	12.77	ug/L	#	92
23) Bromochloromethane	4.252	128	56559	12.71	ug/L	#	84
25) Chloroform	4.381	83	222834	10.62	ug/L		97
27) 1,2-Dichloroethane	5.137	62	120643	10.90	ug/L		100
29) 1,1,1-Trichloroethane	4.612	97	206339	11.80	ug/L		99
30) Cyclohexane	4.683	56	196202	12.86	ug/L		97
31) Carbon tetrachloride	4.831	117	188851	12.56	ug/L		96
33) Benzene	5.104	78	489263	11.75	ug/L		100
34) Trichloroethene	5.918	95	128093	12.25	ug/L		98
35) Methylcyclohexane	6.137	83	212089	14.16	ug/L		95
37) 1,2-Dichloropropane	6.175	63	114193	10.88	ug/L		98
38) Bromodichloromethane	6.513	83	151622	11.71	ug/L		99
39) cis-1,3-Dichloropropene	7.030	75	169567	12.98	ug/L		97
40) 4-Methyl-2-pentanone	7.230	43	594553	120.37	ug/L		97
42) Toluene	7.391	91	546010	12.94	ug/L		97
44) trans-1,3-Dichloropropene	7.654	75	144490	13.37	ug/L		97

MD 11/19/21

MD 11/19/21

MD 11/19/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023200.D
Acq On : 04 Nov 2021 13:32
Operator : SY/MD
Sample : VSTD01050
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 08 12:56:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	79628	10.85	ug/L	98
47) Tetrachloroethene	7.979	164	111767	12.65	ug/L	99
48) 2-Hexanone	8.143	43	423283	115.44	ug/L	97
49) Dibromochloromethane	8.249	129	105807	12.11	ug/L	99
50) 1,2-Dibromoethane	8.355	107	76710	11.61	ug/L	98
51) Chlorobenzene	8.882	112	342626	12.36	ug/L	99
52) Ethylbenzene	9.014	91	582458	13.91	ug/L	98
53) m,p-xylene	9.140	106	231875	13.81	ug/L	99
54) o-xylene	9.545	106	219013	13.85	ug/L	99
55) Styrene	9.561	104	383639	14.05	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	90109	10.98	ug/L	99
59) Bromoform	9.731	173	58414	11.41	ug/L	99
60) Isopropylbenzene	9.934	105	595966	13.41	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	64000	10.35	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	506730	14.19	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	518614	14.56	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	292021	12.49	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	289442	12.18	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	258233	11.86	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	14571	11.94	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	226497	12.72	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	183625	13.78	ug/L	99
71) Naphthalene	13.503	128	284595	14.05	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	164548	13.30	ug/L	98

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