Quantitation Report (QT Reviewed)

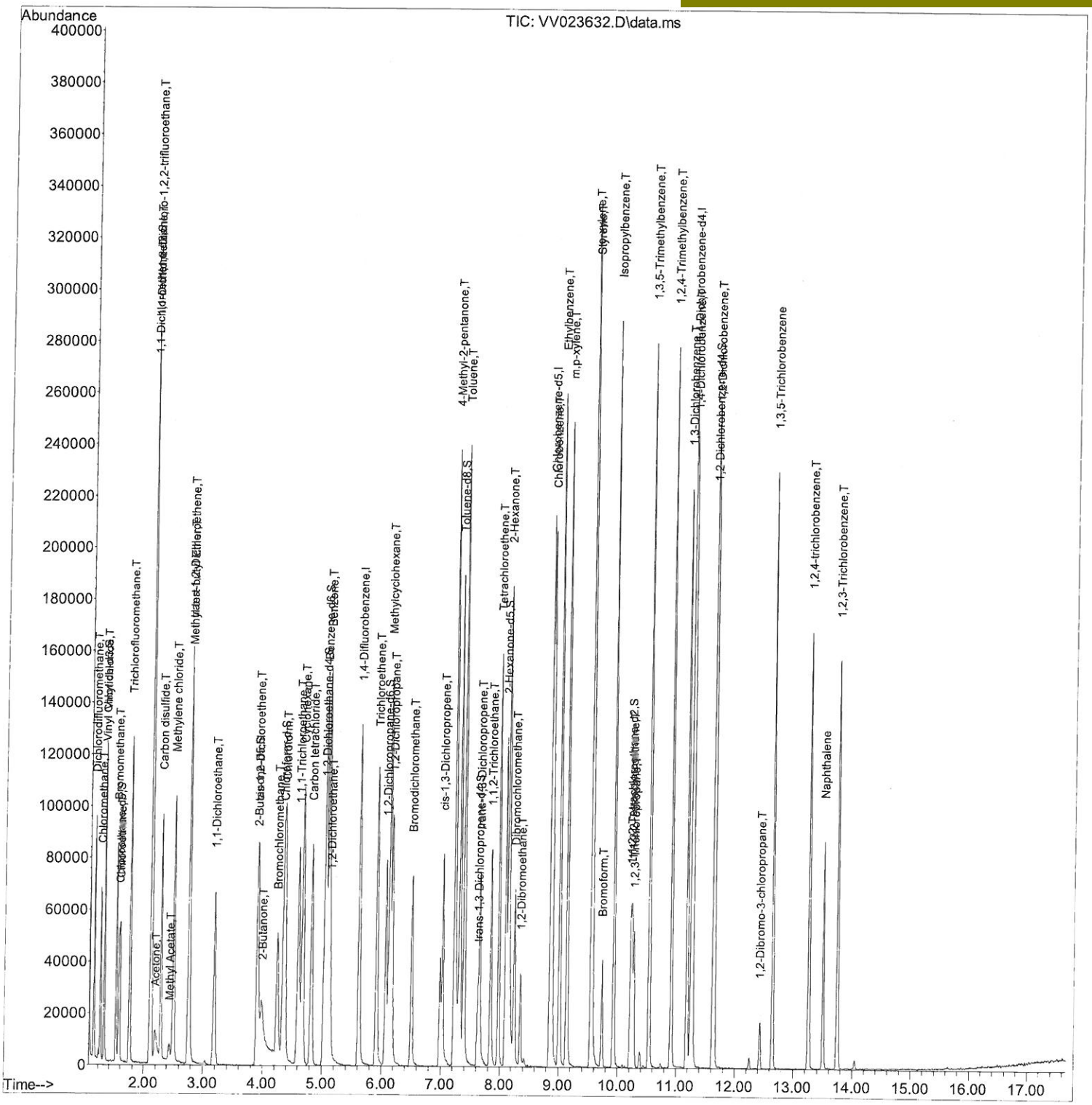
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111921\
Data File : VV023632.D
Acq On : 19 Nov 2021 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 01:36:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021



Quantitation Report (Qedit)

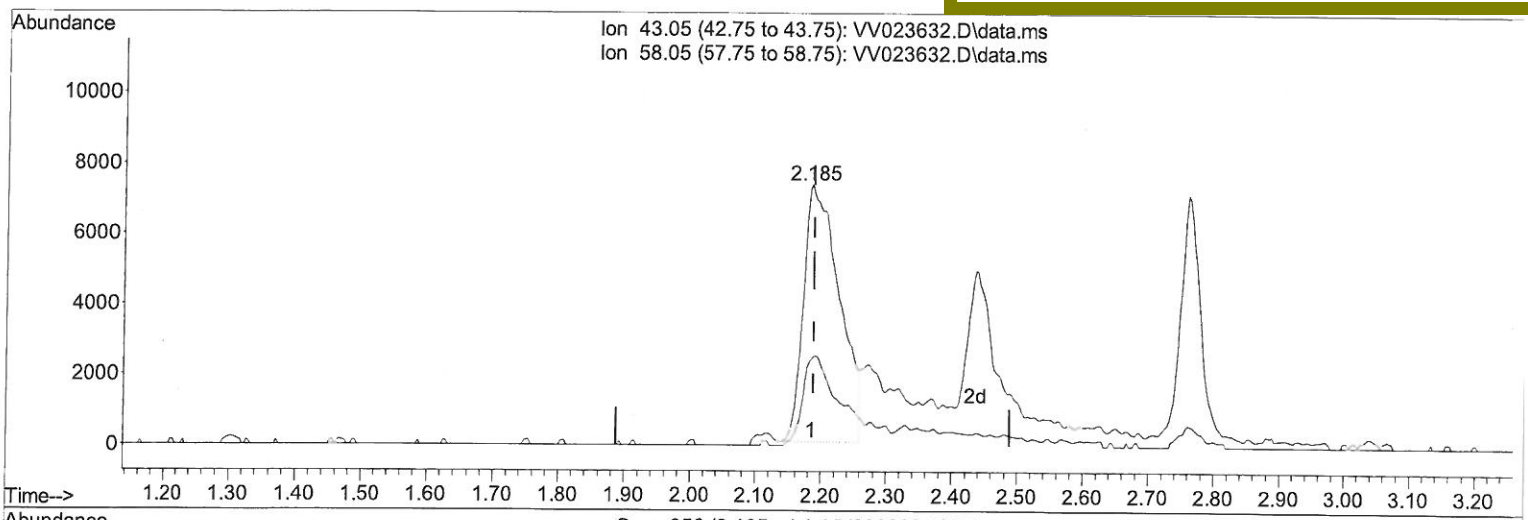
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111921\
Data File : VV023632.D
Acq On : 19 Nov 2021 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

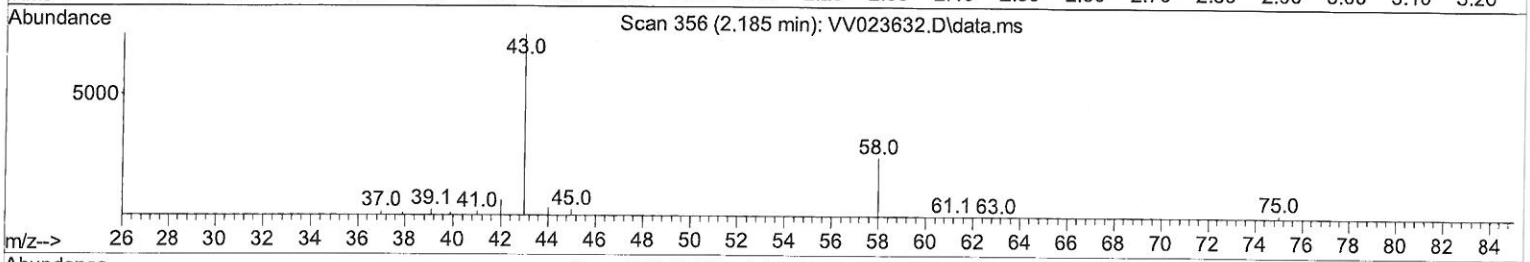
Quant Time: Nov 22 01:36:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

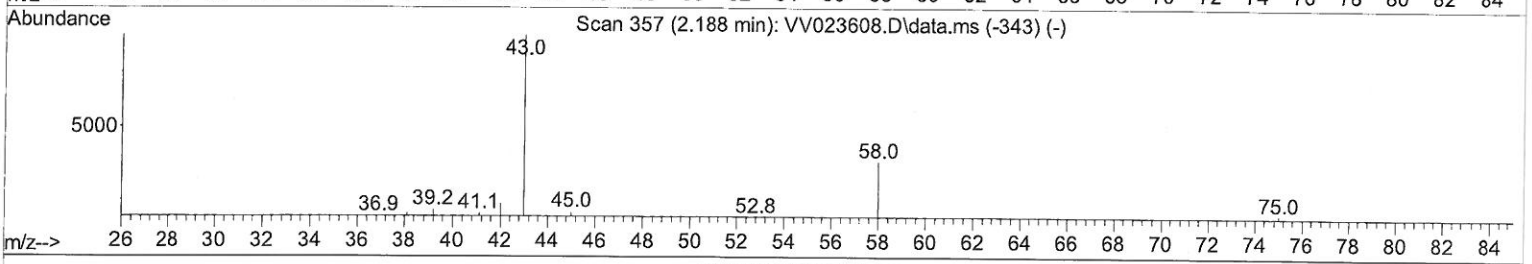
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021







TIC: VV023632.D\data.ms

(13) Acetone (T)

2.185min (-0.003) 35.93 ug/L

response 27990

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	34.94
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

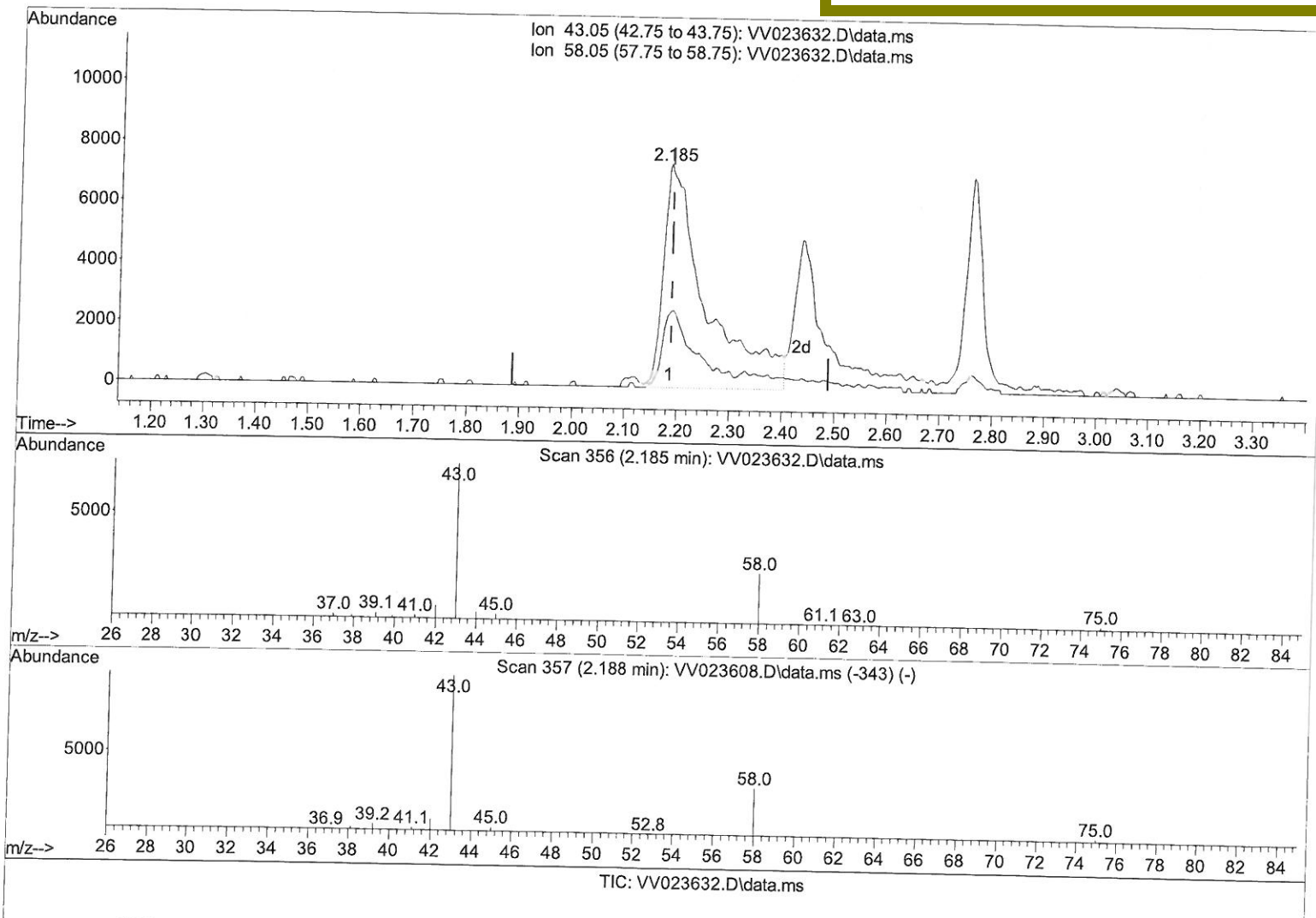
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111921\
Data File : VV023632.D
Acq On : 19 Nov 2021 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 01:36:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021



TIC: VV023632.D\data.ms

(13) Acetone (T)

2.185min (-0.003) 53.55 ug/L m

response 41712

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	23.45
0.00	0.00	0.00
0.00	0.00	0.00

MD 11/22/21

Quantitation Report (Qedit)

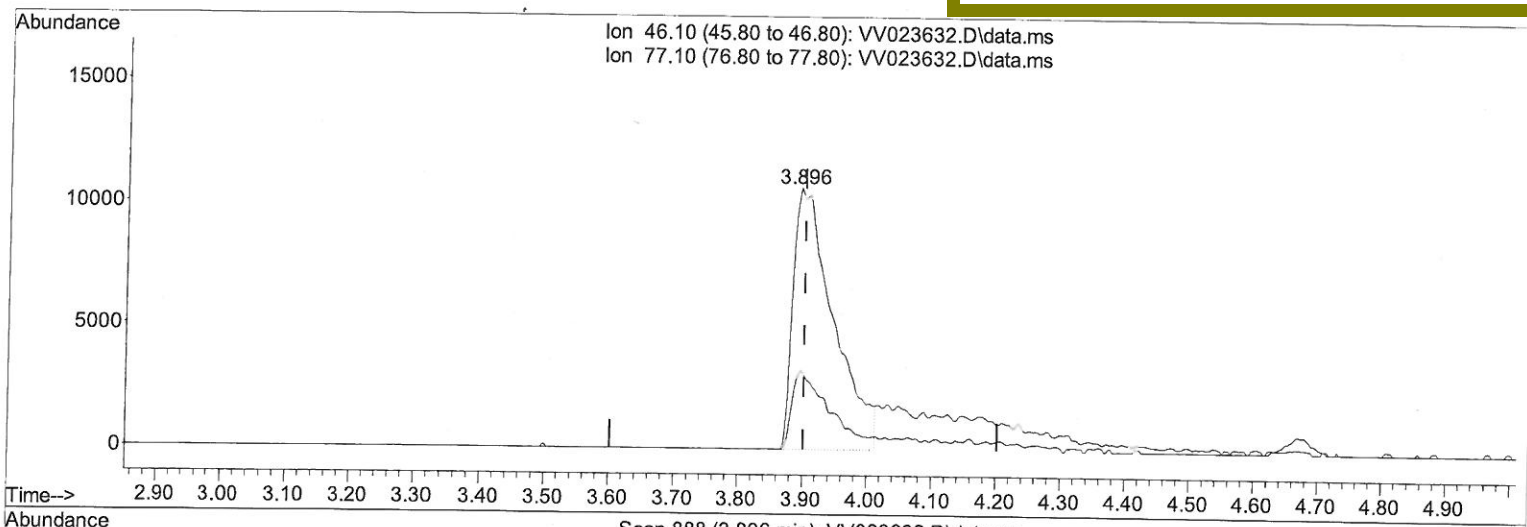
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111921\
Data File : VV023632.D
Acq On : 19 Nov 2021 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

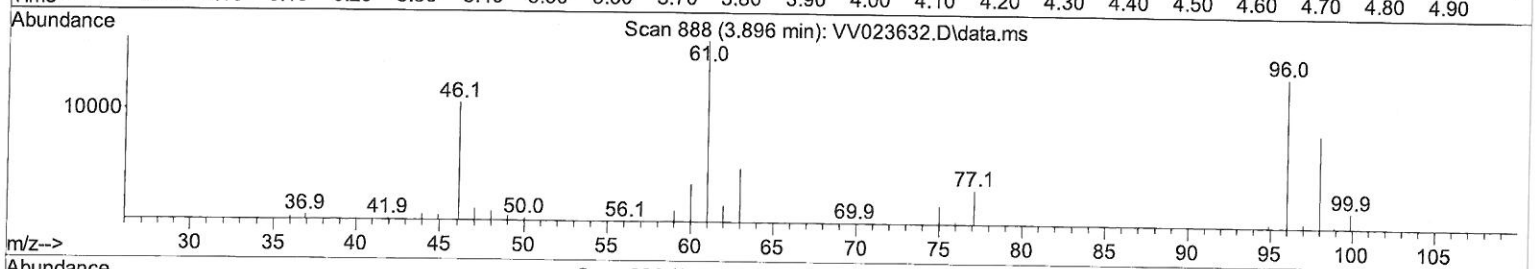
Quant Time: Nov 22 01:36:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

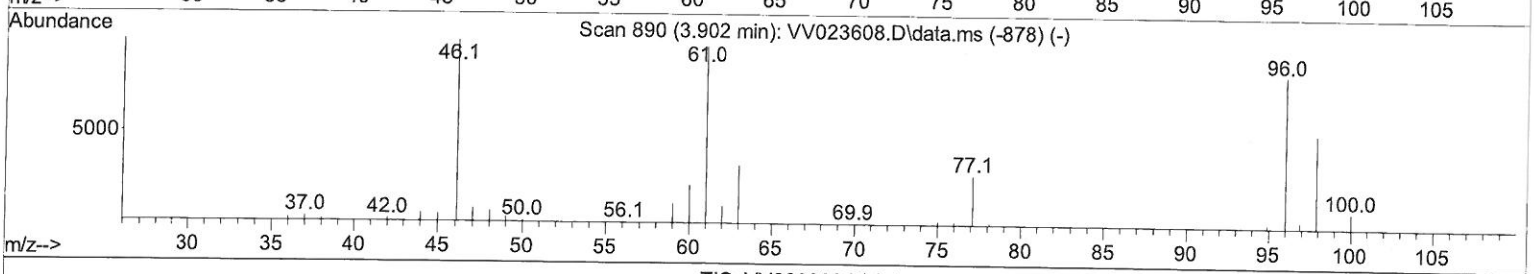
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021







TIC: VV023632.D\data.ms

(20) 2-Butanone-d5 (S)

3.896min (-0.006) 36.17 ug/L

response 46115

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	27.70
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

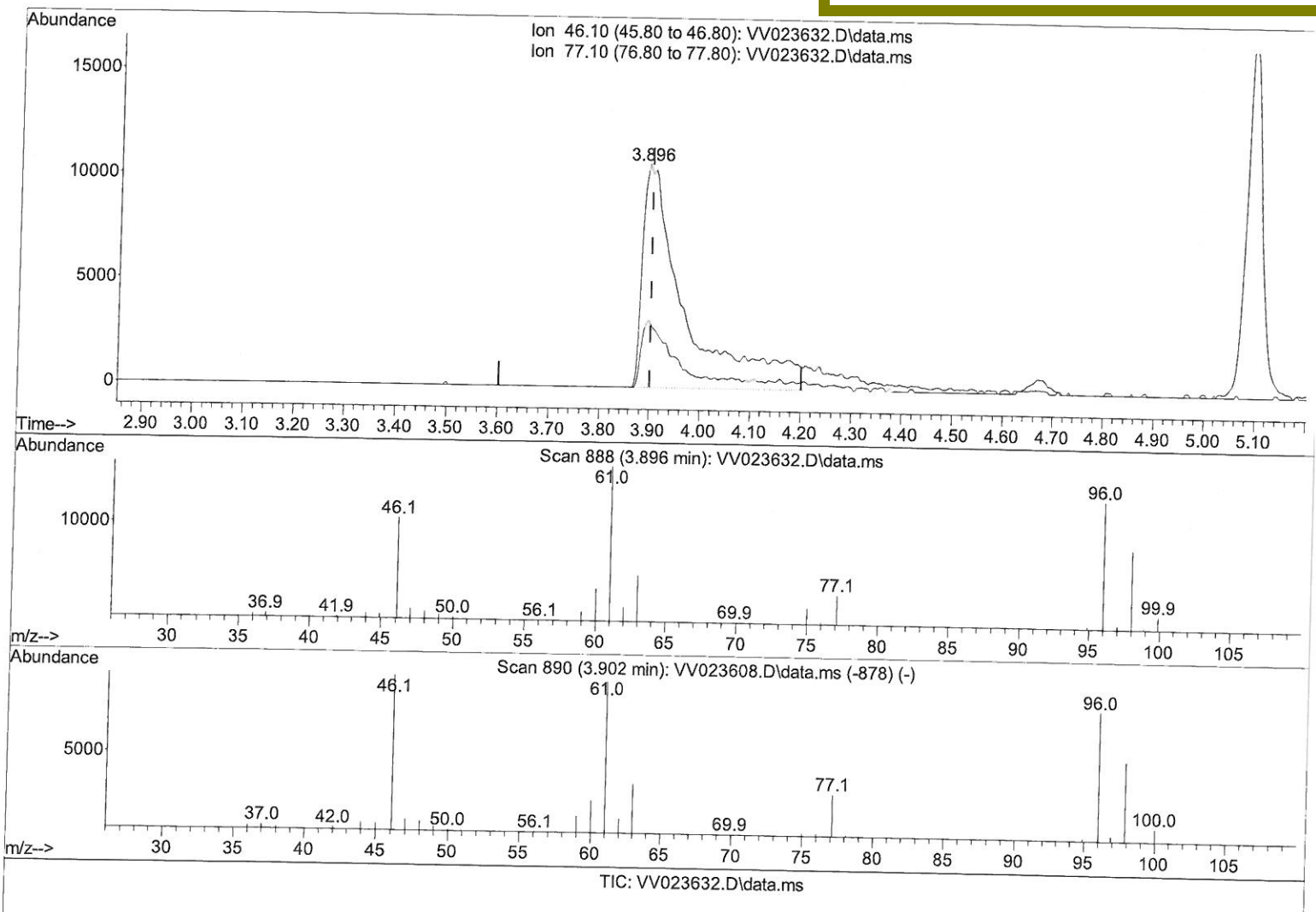
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111921\
Data File : VV023632.D
Acq On : 19 Nov 2021 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 01:36:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021



TIC: VV023632.D\data.ms

(20) 2-Butanone-d5 (S)

3.896min (-0.006) 49.40 ug/L m

response 62980

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	20.28
0.00	0.00	0.00
0.00	0.00	0.00

SYMD 11/22/21

Quantitation Report (Qedit)

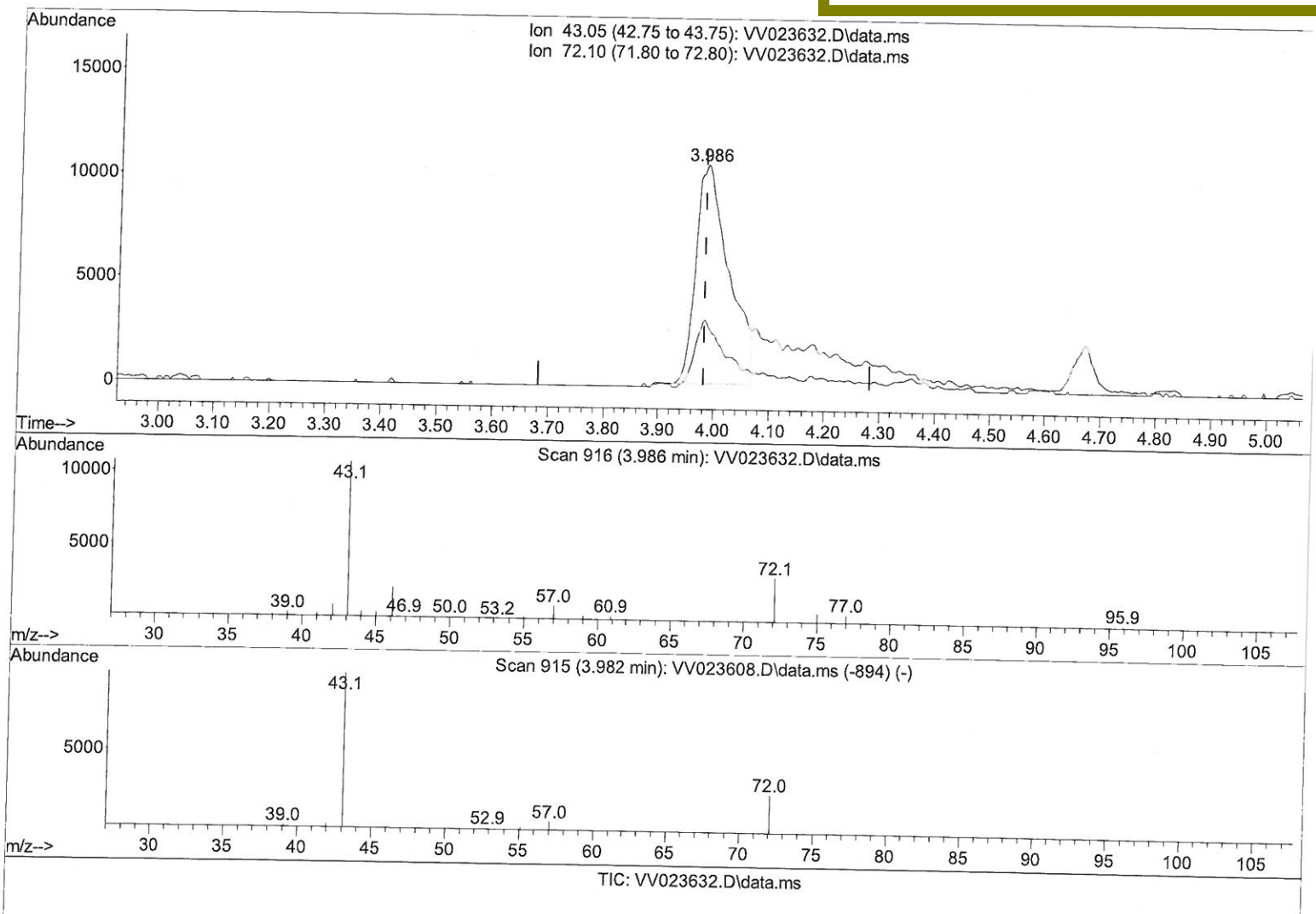
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111921\
Data File : VV023632.D
Acq On : 19 Nov 2021 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 01:36:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021



TIC: VV023632.D\data.ms

(21) 2-Butanone (T)

3.986min (+ 0.003) 34.76 ug/L

response 43771

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	27.07
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

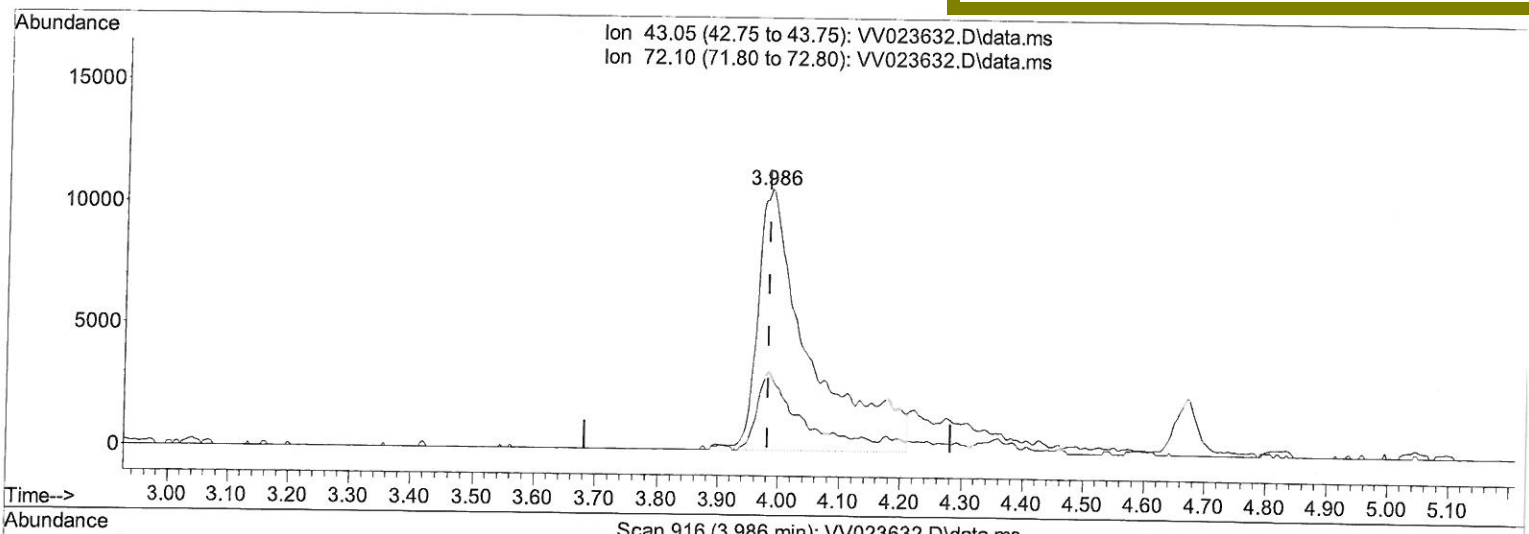
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111921\
Data File : VV023632.D
Acq On : 19 Nov 2021 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

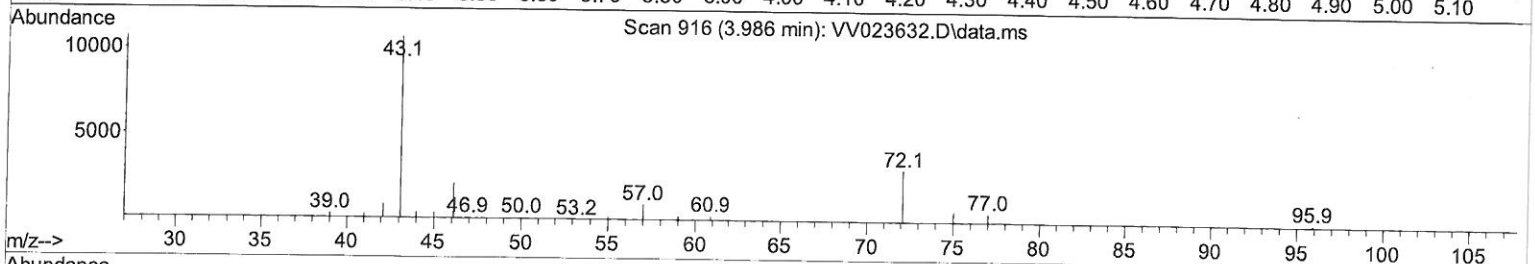
Quant Time: Nov 22 01:36:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

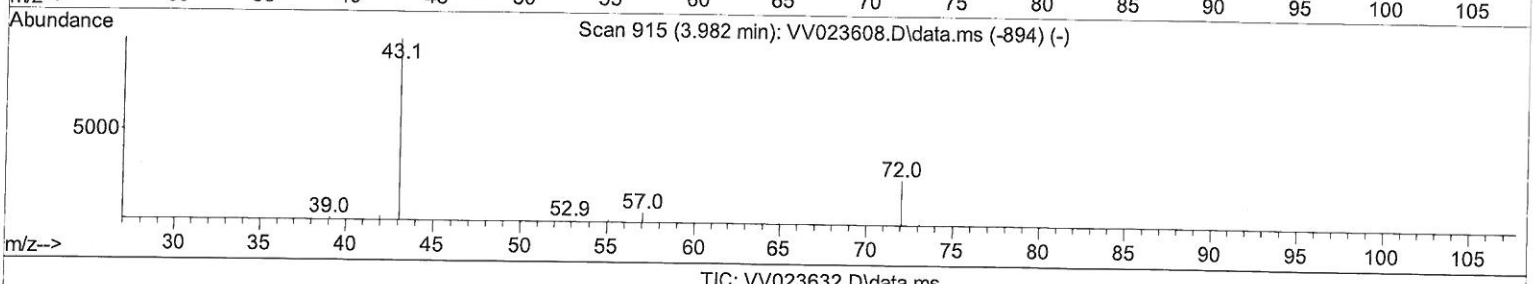
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021







TIC: VV023632.D\data.ms

(21) 2-Butanone (T)

3.986min (+ 0.003) 50.22 ug/L m

response 63244

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	18.74
0.00	0.00	0.00
0.00	0.00	0.00

SMD 11/22/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111921\
Data File : VV023632.D
Acq On : 19 Nov 2021 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 01:36:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	118117	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	116177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	35888	4.850	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.000%			
7) Chloroethane-d5	1.564	69	29117	4.828	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.600%			
11) 1,1-Dichloroethene-d2	2.105	63	67577	4.878	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.600%			
20) 2-Butanone-d5	3.896	46	62980m	49.403	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.800%			
24) Chloroform-d	4.343	84	67658	4.290	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%			
26) 1,2-Dichloroethane-d4	5.027	65	32643	4.603	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.047	84	130602	4.381	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.600%			
36) 1,2-Dichloropropane-d6	6.066	67	36995	4.216	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.400%			
41) Toluene-d8	7.313	98	124008	4.439	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
43) trans-1,3-Dichloroprop...	7.622	79	14375	4.320	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.400%			
46) 2-Hexanone-d5	8.088	63	55016	44.941	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.880%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27954	4.430	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	46370	4.303	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	48683	4.227	ug/L	100
3) Chloromethane	1.237	50	41209	4.208	ug/L	98
5) Vinyl chloride	1.307	62	43703	4.469	ug/L	99
6) Bromomethane	1.516	94	32747	5.238	ug/L	99
8) Chloroethane	1.581	64	27606	4.891	ug/L	100
9) Trichlorofluoromethane	1.748	101	72585	4.939	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38203	5.164	ug/L	97
12) 1,1-Dichloroethene	2.114	96	33892	4.812	ug/L	91
13) Acetone	2.185	43	41712m	53.549	ug/L	
14) Carbon disulfide	2.288	76	106264	3.998	ug/L	100
15) Methyl Acetate	2.436	43	11227	5.093	ug/L #	86
16) Methylene chloride	2.500	84	42573	4.142	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	72733	4.691	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	38589	4.457	ug/L	96
19) 1,1-Dichloroethane	3.185	63	66842	4.572	ug/L	98
21) 2-Butanone	3.986	43	63244m	50.219	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	39675	4.761	ug/L #	90
23) Bromochloromethane	4.243	128	18329	4.770	ug/L #	77

MD 11/22/21

MD 11/22/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111921\
Data File : VV023632.D
Acq On : 19 Nov 2021 10:30
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 01:36:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/22/2021

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.368	83	77090	4.947 ug/L	98
27) 1,2-Dichloroethane	5.127	62	41720	5.033 ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	68132	4.829 ug/L	100
30) Cyclohexane	4.670	56	53498	4.231 ug/L	96
31) Carbon tetrachloride	4.822	117	62528	4.934 ug/L	98
33) Benzene	5.095	78	151934	4.679 ug/L	100
34) Trichloroethene	5.912	95	40057	4.639 ug/L	98
35) Methylcyclohexane	6.127	83	59528	4.368 ug/L	96
37) 1,2-Dichloropropane	6.169	63	35212	4.645 ug/L	99
38) Bromodichloromethane	6.506	83	48350	4.759 ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	51851	4.756 ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	181751	51.695 ug/L	97
42) Toluene	7.384	91	172807	4.976 ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	44493	4.918 ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	27550	5.058 ug/L	94
47) Tetrachloroethene	7.973	164	35929	4.801 ug/L	97
48) 2-Hexanone	8.140	43	135193	54.876 ug/L	98
49) Dibromochloromethane	8.243	129	35483	5.141 ug/L	99
50) 1,2-Dibromoethane	8.349	107	24219	4.798 ug/L	97
51) Chlorobenzene	8.879	112	110501	4.787 ug/L	99
52) Ethylbenzene	9.011	91	176809	4.827 ug/L	99
53) m,p-xylene	9.137	106	69061	4.804 ug/L	95
54) o-xylene	9.542	106	67483	5.004 ug/L	95
55) Styrene	9.558	104	116199	5.029 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	28356	4.752 ug/L #	97
59) Bromoform	9.731	173	19550	5.057 ug/L #	99
60) Isopropylbenzene	9.931	105	178898	4.817 ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	20319	4.726 ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	148752	4.830 ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	150544	4.912 ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	91968	4.846 ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	91334	4.713 ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	83831	4.937 ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4287	4.680 ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	71138	4.788 ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	53053	4.459 ug/L	99
71) Naphthalene	13.503	128	67868	3.868 ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47886	4.600 ug/L	99

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