Quantitation Report (QT Reviewed)

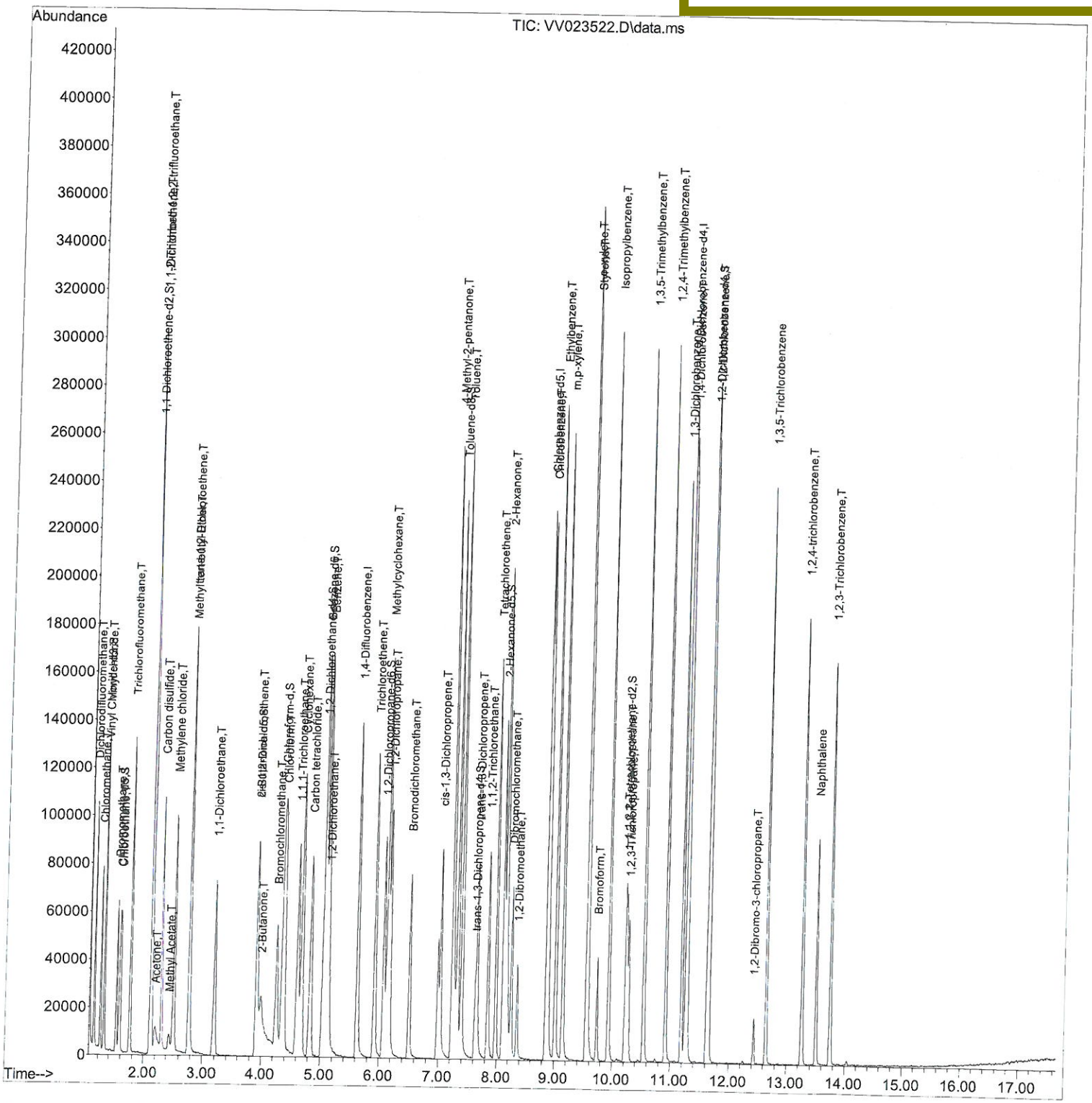
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023522.D
Acq On : 16 Nov 2021 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 00:43:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



Quantitation Report (Qedit)

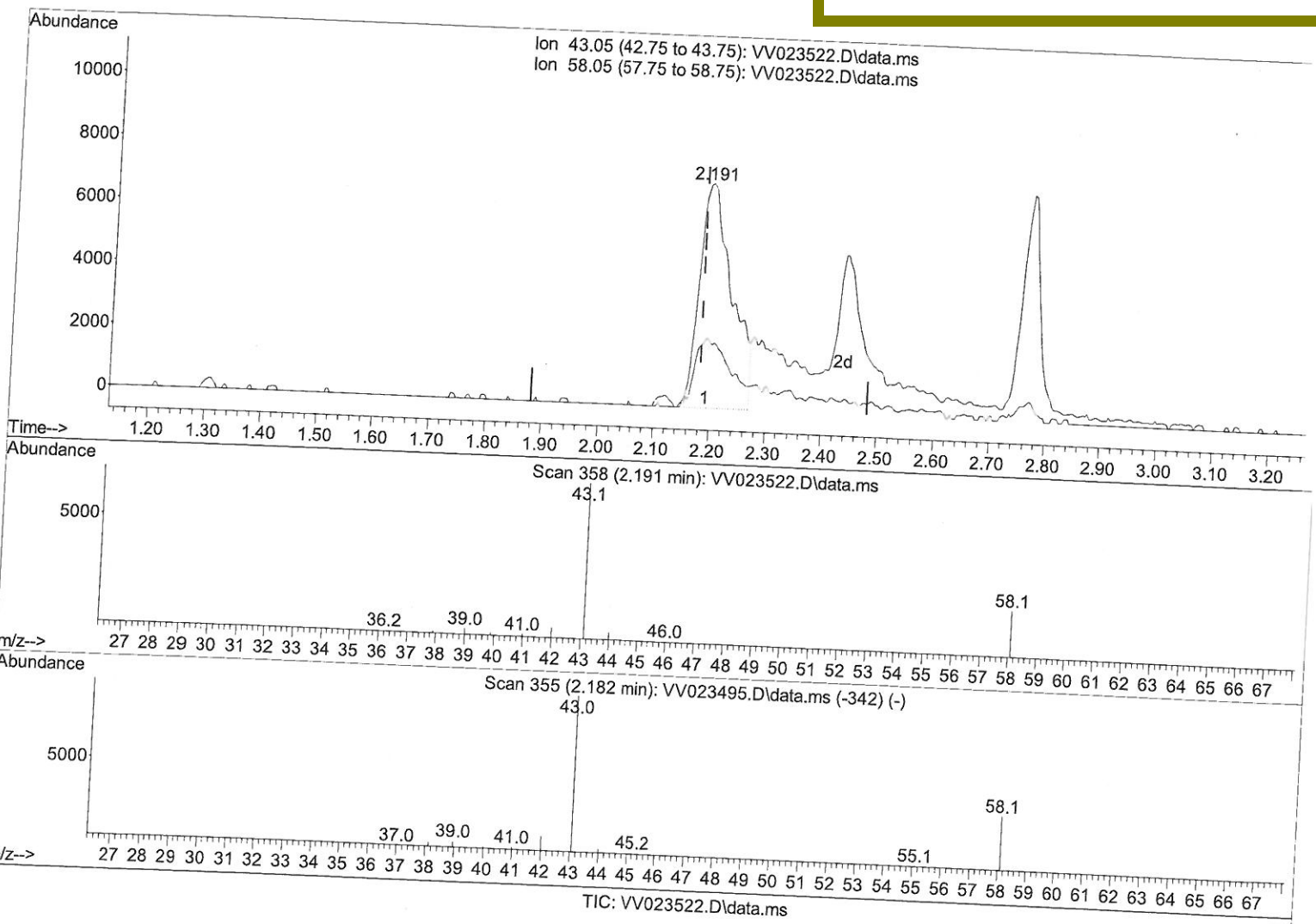
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023522.D
Acq On : 16 Nov 2021 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 00:43:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



TIC: VV023522.D\data.ms

(13) Acetone (T)

2.191min (+ 0.010) 34.84 ug/L

response 28584

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	28.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

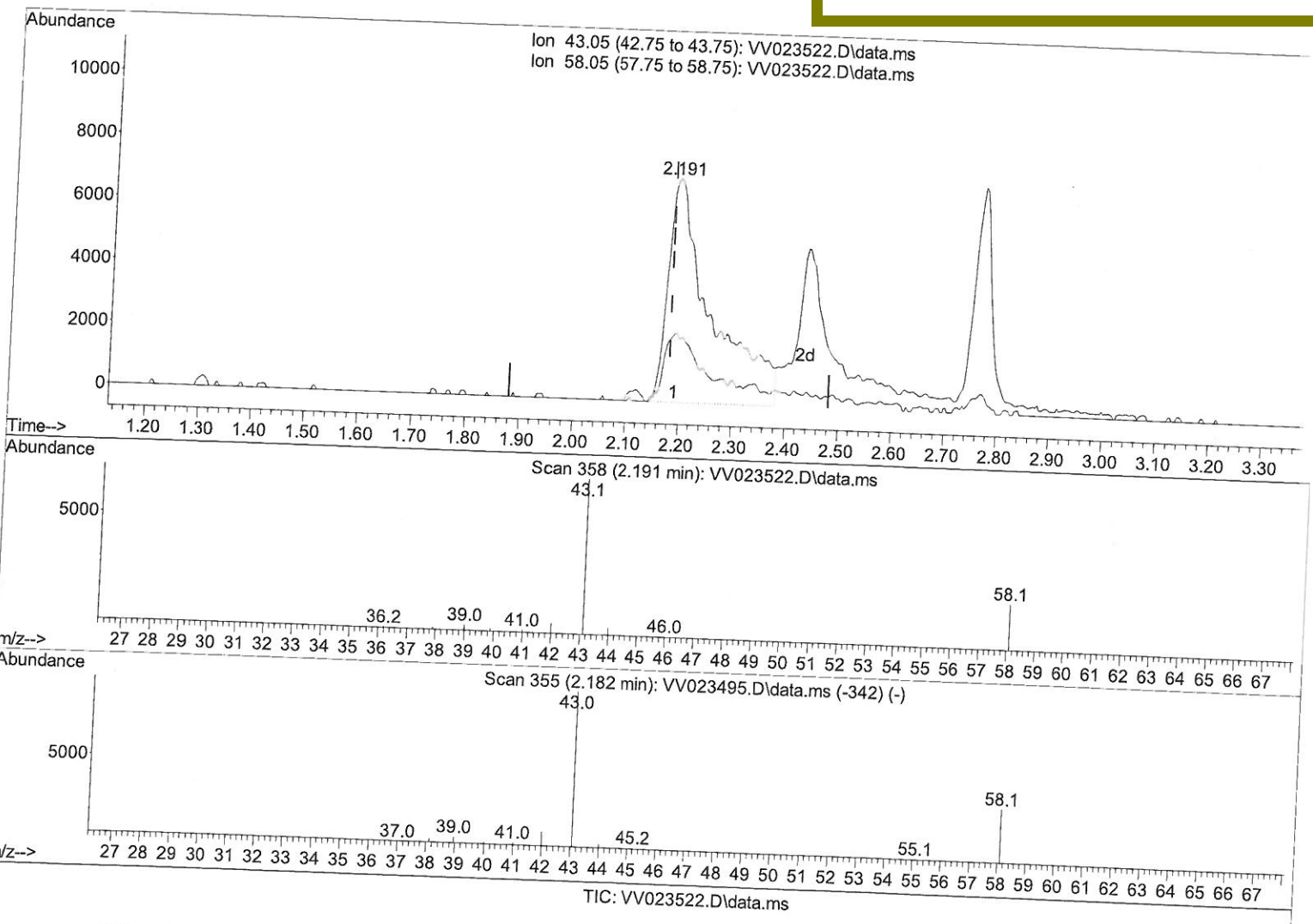
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023522.D
Acq On : 16 Nov 2021 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 00:43:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



TIC: VV023522.D\data.ms

(13) Acetone (T)

2.191min (+ 0.010) 49.19 ug/L m

response 40354

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	20.04
0.00	0.00	0.00
0.00	0.00	0.00

11/26/21

Quantitation Report (Qedit)

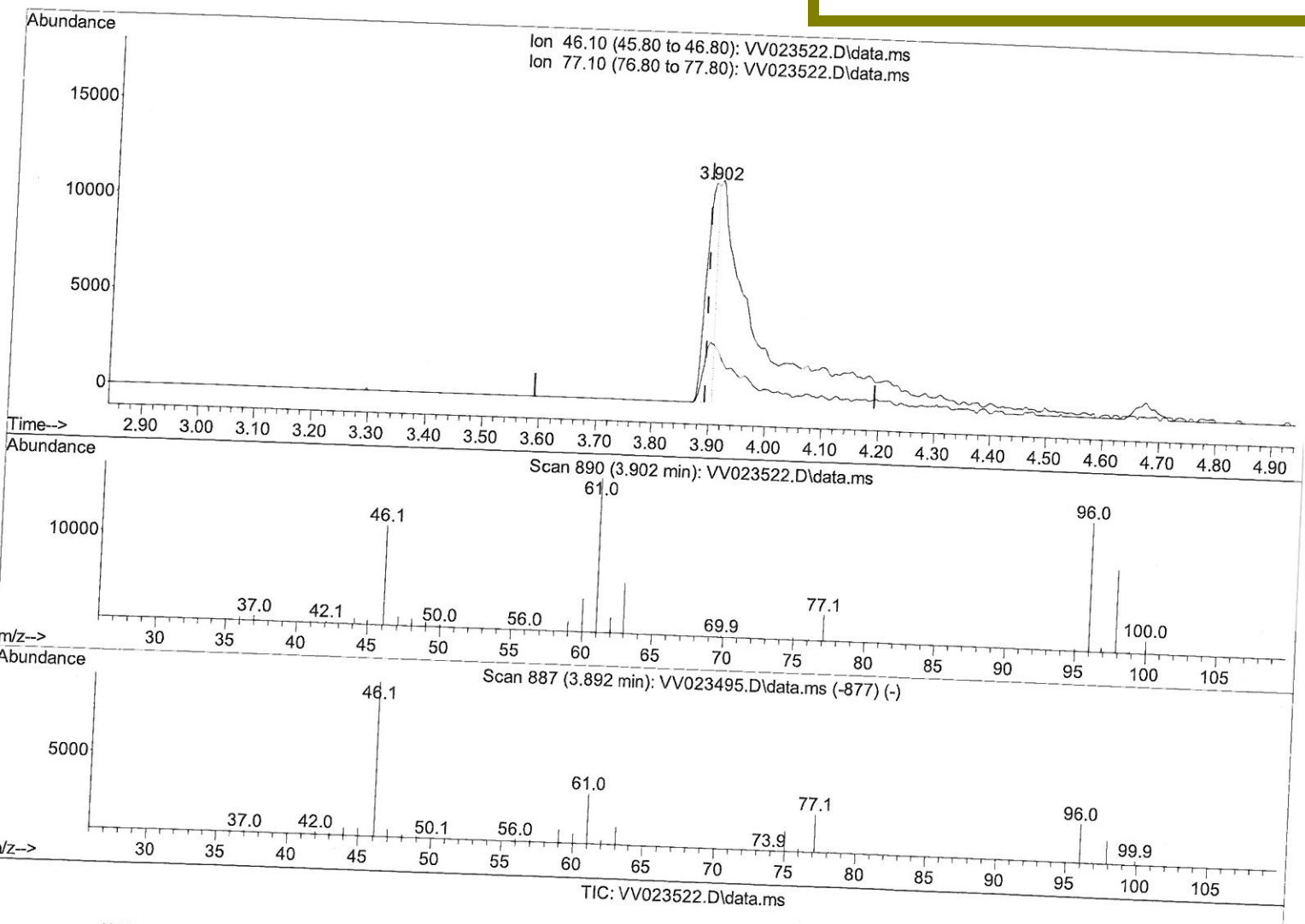
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023522.D
Acq On : 16 Nov 2021 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 00:43:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



(20) 2-Butanone-d5 (S)

3.902min (+ 0.010) 10.64 ug/L

response 14287

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	50.88#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

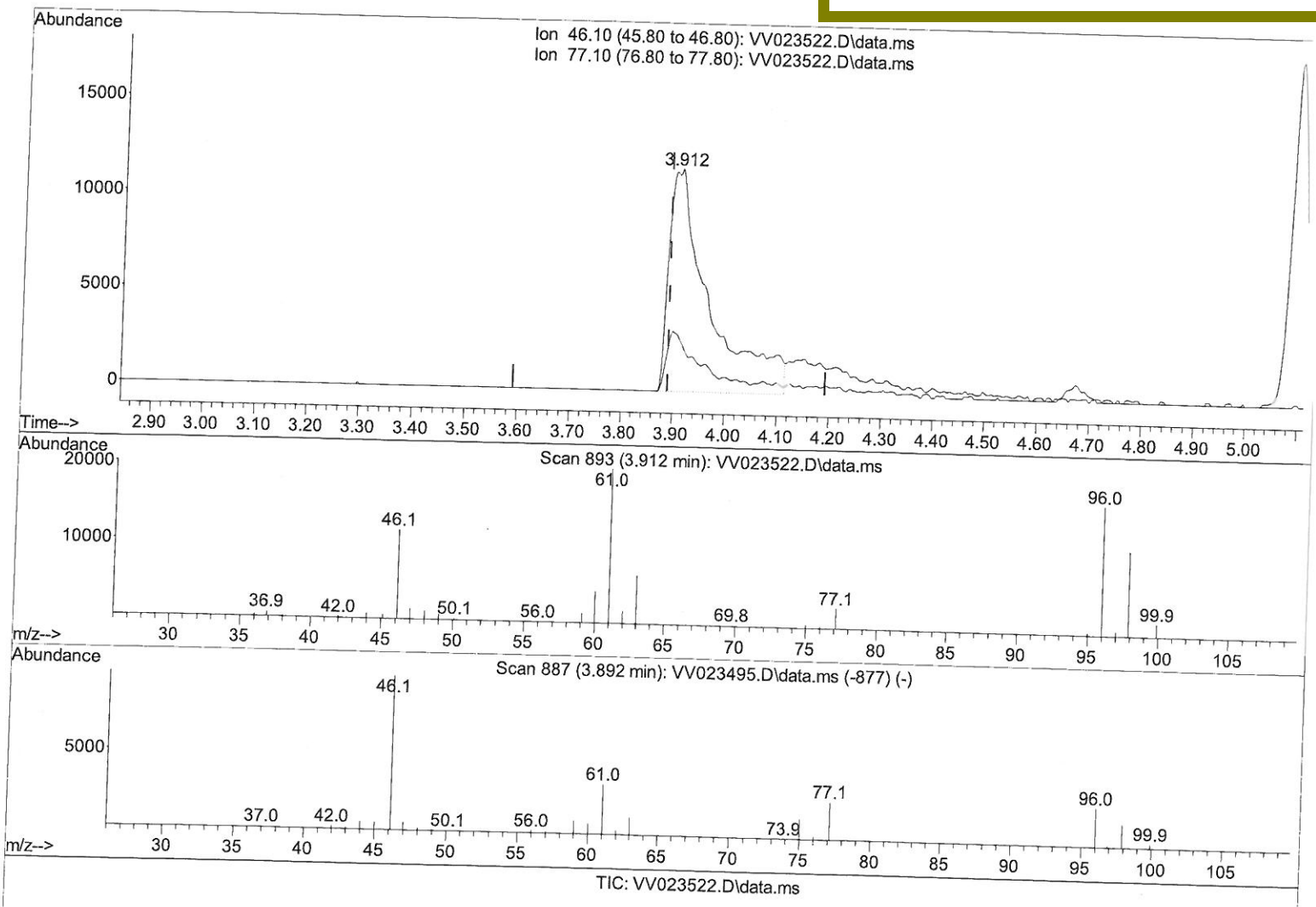
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023522.D
Acq On : 16 Nov 2021 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 00:43:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



TIC: VV023522.D\data.ms

(20) 2-Butanone-d5 (S)

3.912min (+ 0.019) 46.73 ug/L m

response 62747

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	11.58#
0.00	0.00	0.00
0.00	0.00	0.00

MD 11/26/21

Quantitation Report (Qedit)

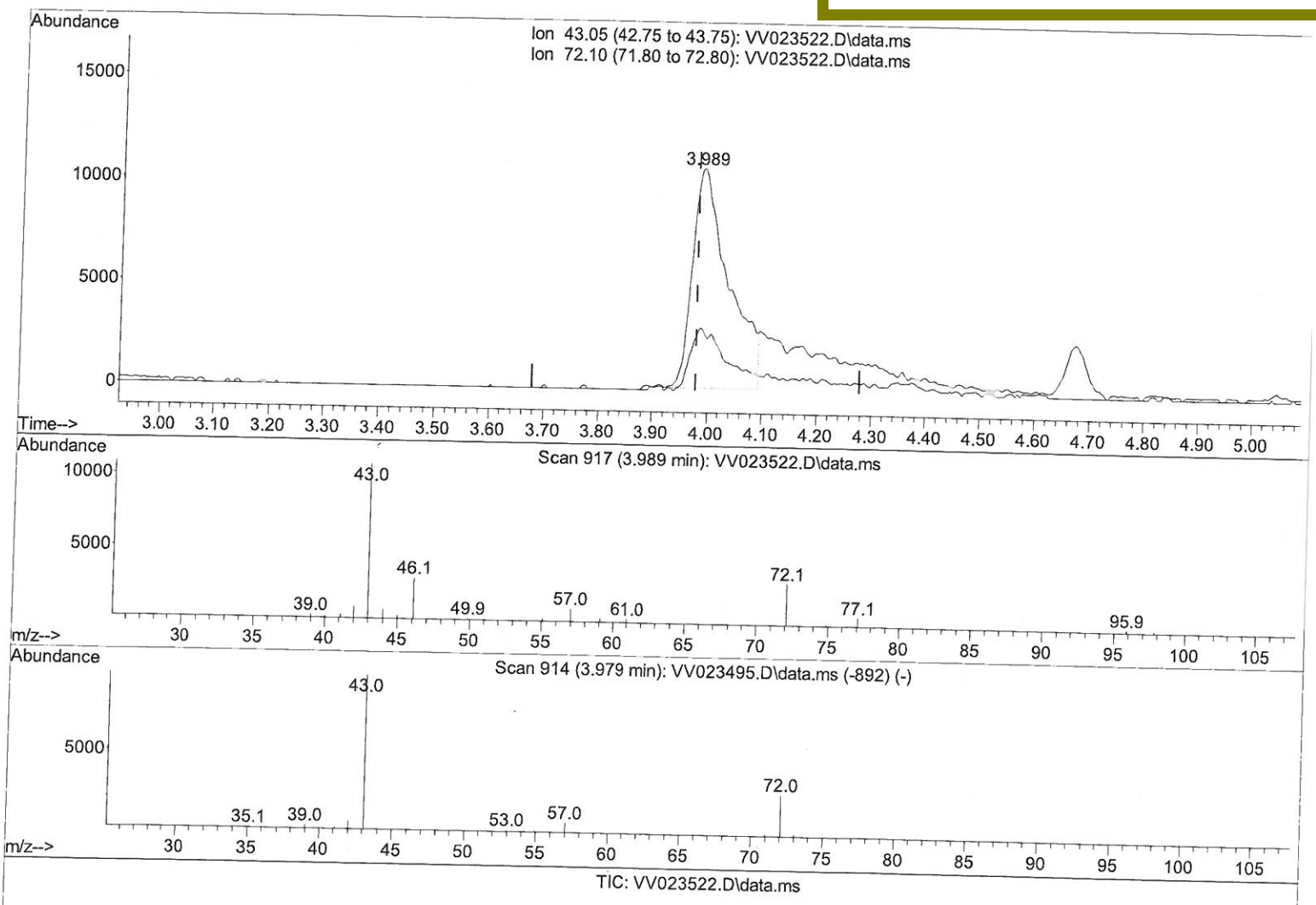
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023522.D
Acq On : 16 Nov 2021 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 00:43:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



(21) 2-Butanone (T)

3.989min (+ 0.010) 37.07 ug/L

response 49172

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	12.25
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

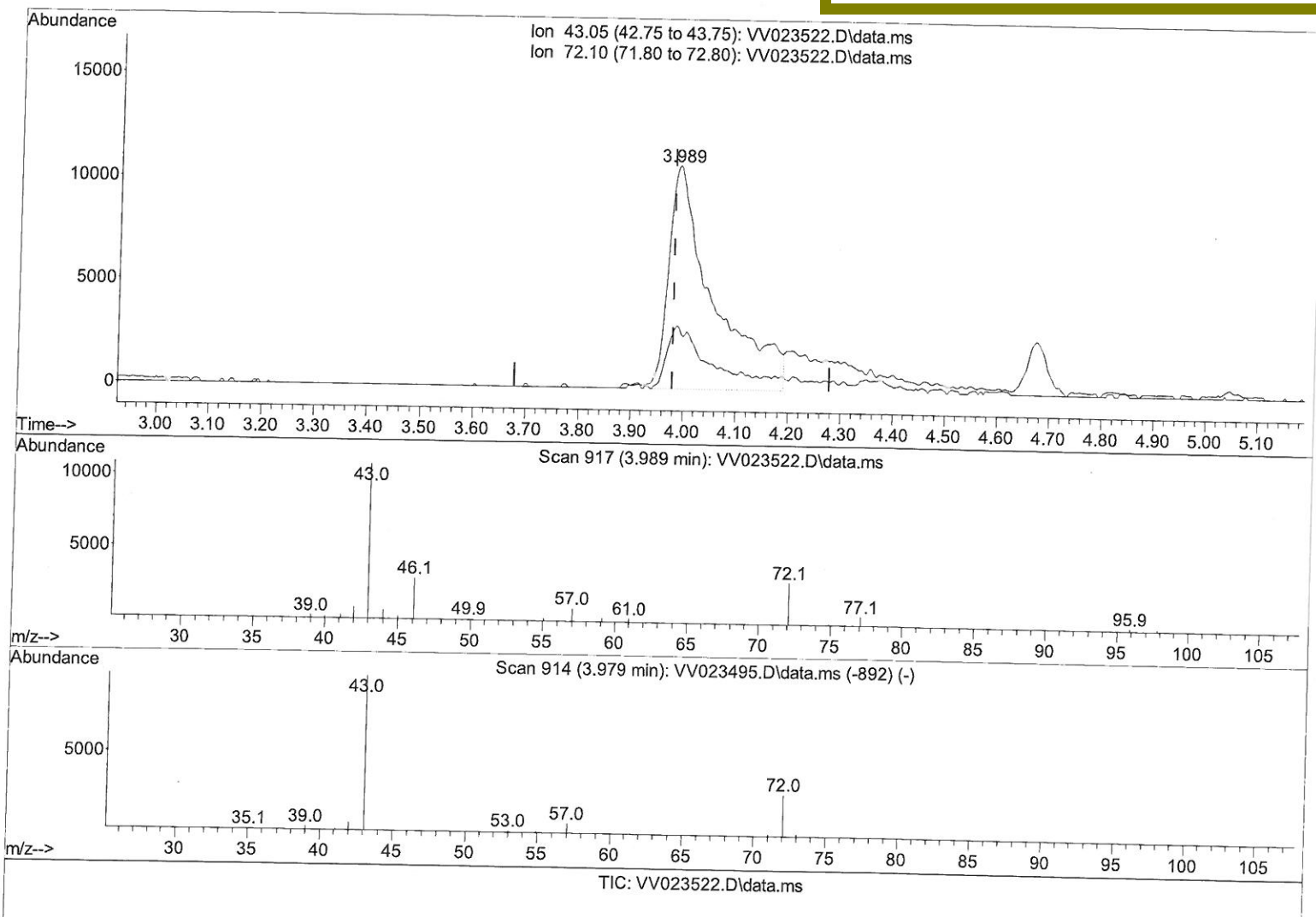
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023522.D
Acq On : 16 Nov 2021 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 00:43:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



TIC: VV023522.D\data.ms

(21) 2-Butanone (T)

3.989min (+ 0.010) 48.48 ug/L m

response 64309

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	9.37#
0.00	0.00	0.00
0.00	0.00	0.00

MD 11/26/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023522.D
Acq On : 16 Nov 2021 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 00:43:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124408	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39443	5.061	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.200%			
7) Chloroethane-d5	1.568	69	32803	5.164	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.200%			
11) 1,1-Dichloroethene-d2	2.108	63	75177	5.153	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.000%			
20) 2-Butanone-d5	3.912	46	62747m	46.732	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.460%			
24) Chloroform-d	4.349	84	79795	4.804	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.000%			
26) 1,2-Dichloroethane-d4	5.034	65	36601	4.900	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.050	84	154095	4.866	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.400%			
36) 1,2-Dichloropropane-d6	6.066	67	44087	4.729	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.600%			
41) Toluene-d8	7.313	98	150780	5.081	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
43) trans-1,3-Dichloroprop...	7.622	79	17401	4.923	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.400%			
46) 2-Hexanone-d5	8.092	63	60535	46.544	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.080%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32467	4.843	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	56076	4.969	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	53335	4.397	ug/L	97
3) Chloromethane	1.240	50	48216	4.675	ug/L	93
5) Vinyl chloride	1.310	62	49100	4.767	ug/L	100
6) Bromomethane	1.523	94	25497	3.872	ug/L	97
8) Chloroethane	1.584	64	29451	4.954	ug/L	97
9) Trichlorofluoromethane	1.754	101	75766	4.895	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	39571	5.079	ug/L	96
12) 1,1-Dichloroethene	2.118	96	35926	4.843	ug/L	97
13) Acetone	2.191	43	40354m	49.186	ug/L	
14) Carbon disulfide	2.294	76	118806	4.244	ug/L	100
15) Methyl Acetate	2.436	43	10723	4.618	ug/L	100
16) Methylene chloride	2.507	84	41641	3.846	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	79742	4.883	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	41623	4.564	ug/L	96
19) 1,1-Dichloroethane	3.188	63	73145	4.750	ug/L	98
21) 2-Butanone	3.989	43	64309m	48.482	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	41992	4.784	ug/L #	89
23) Bromochloromethane	4.249	128	19291	4.766	ug/L	83

MD 11/26/24

MD 11/26/24

MD 11/26/24

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023522.D
Acq On : 16 Nov 2021 10:01
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 00:43:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.375	83	78520	4.784	ug/L	99
27) 1,2-Dichloroethane	5.130	62	43396	4.971	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	71794	4.789	ug/L	99
30) Cyclohexane	4.674	56	60859	4.531	ug/L	98
31) Carbon tetrachloride	4.825	117	65262	4.847	ug/L	96
33) Benzene	5.098	78	163690	4.745	ug/L	100
34) Trichloroethene	5.915	95	44664	4.868	ug/L	96
35) Methylcyclohexane	6.130	83	66384	4.584	ug/L	96
37) 1,2-Dichloropropane	6.172	63	38834	4.822	ug/L	99
38) Bromodichloromethane	6.510	83	52406	4.856	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	55397	4.782	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	204464	54.739	ug/L	98
42) Toluene	7.387	91	186620	5.058	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	47101	4.900	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	29001	5.012	ug/L	97
47) Tetrachloroethene	7.976	164	39234	4.935	ug/L	97
48) 2-Hexanone	8.140	43	150551	57.520	ug/L	99
49) Dibromochloromethane	8.246	129	37208	5.075	ug/L	93
50) 1,2-Dibromoethane	8.352	107	26696	4.978	ug/L	97
51) Chlorobenzene	8.879	112	116266	4.740	ug/L	99
52) Ethylbenzene	9.011	91	191141	4.911	ug/L	97
53) m,p-xylene	9.136	106	75190	4.923	ug/L	95
54) o-xylene	9.542	106	71597	4.997	ug/L	97
55) Styrene	9.561	104	127965	5.213	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	30743	4.849	ug/L	96
59) Bromoform	9.731	173	19970	4.933	ug/L	99
60) Isopropylbenzene	9.931	105	193421	4.973	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	23014	5.111	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	159109	4.933	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	161570	5.033	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	99812	5.022	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	99231	4.889	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	90725	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4423	4.611	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	73570	4.728	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	56940	4.570	ug/L	99
71) Naphthalene	13.503	128	76534	4.165	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	51111	4.688	ug/L	98

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